



European Communications Office (ECO)



ECO REPORT 03

THE LICENSING OF "MOBILE BANDS" IN CEPT

25 September 2018

TABLE OF CONTENTS

| | |
|---------------------------------------------------------------------|-----|
| EXECUTIVE SUMMARY..... | 3 |
| INTRODUCTION..... | 4 |
| ANNEX 1: NATIONAL INFORMATION ON THE LICENSING OF MOBILE BANDS..... | 6 |
| Albania..... | 7 |
| Andorra..... | 9 |
| Austria..... | 11 |
| Azerbaijan..... | 18 |
| Belarus..... | 19 |
| Belgium..... | 22 |
| Bosnia and Herzegovina..... | 25 |
| Bulgaria..... | 27 |
| Croatia..... | 29 |
| Cyprus..... | 32 |
| Czech Republic..... | 34 |
| Denmark..... | 38 |
| Estonia..... | 42 |
| Finland..... | 45 |
| France..... | 50 |
| Georgia..... | 59 |
| Germany..... | 61 |
| Greece..... | 74 |
| Hungary..... | 77 |
| Iceland..... | 80 |
| Ireland..... | 83 |
| Italy..... | 87 |
| Latvia..... | 91 |
| Liechtenstein..... | 95 |
| Lithuania..... | 99 |
| Luxembourg..... | 101 |
| Macedonia (FYROM)..... | 103 |
| Malta..... | 105 |
| Moldova..... | 109 |
| Montenegro..... | 112 |
| Netherlands..... | 115 |
| Norway..... | 118 |
| Poland..... | 126 |
| Portugal..... | 132 |
| Romania..... | 137 |
| Russian Federation..... | 140 |
| Serbia..... | 144 |
| Slovakia..... | 146 |
| Slovenia..... | 158 |
| Spain..... | 162 |
| Sweden..... | 171 |
| Switzerland..... | 176 |
| Turkey..... | 178 |
| Ukraine..... | 181 |
| United Kingdom..... | 183 |

EXECUTIVE SUMMARY

This ECO Report presents the most recent information available to the European Communications Office (ECO) on the licensing of the following frequency bands in CEPT countries:

- 694-790 MHz
- 790-862 MHz
- 880-915 MHz / 925-960 MHz
- 1452-1492 MHz / 1492-1518 MHz
- 1452-1492 MHz
- 1710-1785 MHz / 1805-1880 MHz
- 1900-1980 MHz / 2010-2025 MHz / 2110-2170 MHz
- 2300-2400 MHz
- 2500-2690 MHz
- 3400-3600 MHz / 3600-3800 MHz

The information in this ECO Report is updated via the EFIS database by the CEPT administrations directly.

INTRODUCTION

This ECO Report presents the most recent information available to the European Communications Office (ECO) on the licensing of the following mobile frequency bands in CEPT countries:

- 694-790 MHz
- 790-862 MHz
- 880-915 MHz / 925-960 MHz
- 1452-1492 MHz and 1492-1518 MHz
- 1452-1492 MHz
- 1710-1785 MHz / 1805-1880 MHz
- 1900-1980 MHz / 2010-2025 MHz / 2110-2170 MHz
- 2300-2400 MHz
- 2500-2690 MHz
- 3400-3600 MHz / 3600-3800 MHz

The frequency bands listed above are regarded in this ECO Report as 'mobile' since they are used for mobile systems like GSM or UMTS in many CEPT countries. However, this report does not designate these bands to mobile systems, and it does not establish any priority of mobile systems over any other systems or applications which may be deployed in these bands.

The information in this ECO Report was available for the first time in July 1998 on the ECO website (previously ERO website) as 'ERO information document on GSM Frequency Utilisation within Europe'. In that document information collected from administrations and operators concerning the frequency sub-bands licensed to GSM operators in the 900 (890-915 / 935-960 MHz) and 1800 MHz (1710-1785 / 1805-1880 MHz) bands was presented. In March 2000, information on the utilisation of the so called 'E-GSM' band (880-890 / 925-935 MHz) was added to the ERO document.

In December 2005, similar ERO document was created for IMT-2000/UMTS. It dealt with the utilisation of the 2 GHz (1900-1980 MHz, 2010-2025 MHz and 2110-2170 MHz) and 2.6 GHz (2500-2690 MHz) frequency bands and contained information about operators and their licensed frequency blocks (both FDD and TDD) for the 2 GHz band and the actual (on the time of its publication) utilisation of 2.6 GHz frequency band.

In May 2008, following the decision of the 29th ECC PT1 meeting (14-16 May 2008, Dublin, Ireland), the two documents on GSM and UMTS were merged into 'ERO document on the use of mobile bands' where information on the used technologies in specific frequency bands became optional. Since then, the document has been updated once a year on the basis of the information collected from CEPT administrations in response to the regular ECO circular letter.

The 26th ECC meeting (21-25 June 2010, Baden, Switzerland) reviewed the status of this document based on the information provided by ECC PT1 and decided that it should be maintained as an ECO Report and that the title of the document should be aligned with its content. The 36th ECC PT1 meeting (14-16 September 2010, Tallinn, Estonia) endorsed the proposal from the Office to rename the document "ECO Report on the Licensing of 'Mobile Bands' in CEPT". Since 2015, the ECO Report 03 is directly updated via the EFIS database.

Moreover, please note that the current ECO Report 03 also contains licensing information on the bands 1900-1920 MHz and 2010-2025 MHz which are no longer part of the CEPT regulatory framework for MFCN (these bands have been deleted in the amended ECC Decision(06)01). Nevertheless, it was agreed in 2015 to retain this information with the note that these bands are not part of the CEPT regulatory framework for MFCN anymore and the list of licenses is only provided for information. This information is kept for the time being as a useful reference and can be removed from the ECO Report 03 once these licenses have expired. No new license information is expected to be added for these bands.

Annex 1 of this ECO Report contains the most recent national information available to the ECO on the licensing of the mobile frequency bands listed above.

Annex 2 of this ECO Report contains templates for various mobile frequency bands which should be used by administrations for submitting national information to the ECO.

ANNEX 1: NATIONAL INFORMATION ON THE LICENSING OF MOBILE BANDS

The frequency ranges provided in the following tables are assumed to be described with channel edges and not center frequencies.





Information is given for the following countries :

| | |
|-------------------------------|---------------------------|
| Albania (2017) | Liechtenstein (2016) |
| Andorra (2013) | Lithuania (2017) |
| Austria (2014) | Luxembourg (2015) |
| Azerbaijan (2017) | Macedonia (FYROM) (2018) |
| Belarus (2018) | Malta (2018) |
| Belgium (2018) | Moldova (2016) |
| Bosnia and Herzegovina (2017) | Montenegro (2018) |
| Bulgaria (2016) | Netherlands (2017) |
| Croatia (2016) | Norway (2017) |
| Cyprus (2015) | Poland (2017) |
| CzechRepublic (2017) | Portugal (2017) |
| Denmark (2017) | Romania (2014) |
| Estonia (2018) | Russian Federation (2016) |
| Finland (2018) | Serbia (2017) |
| France (2016) | Slovakia (2017) |
| Georgia (2017) | Slovenia (2017) |
| Germany (2017) | Spain (2017) |
| Greece (2017) | Sweden (2014) |
| Hungary (2018) | Switzerland (2016) |
| Iceland (2018) | Turkey (2016) |
| Ireland (2017) | Ukraine (2010) |
| Italy (2017) | United Kingdom (2018) |
| Latvia (2018) | |

Albania (2017)





900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Plus Communication | 926.9 - 934.9 MHz (DL) 881.9 - 889.9 MHz (UL) | GSM | GSM | National Coverage | Start: 01-06-2009 Expiry: 30-06-2024 | |
|  | Albanian Mobile Communications (AMC) | 935.1 - 943.1 MHz (DL) 890.1 - 898.1 MHz (UL) | GSM | GSM | National Coverage | Start: 19-08-2014 Expiry: 19-08-2028 | |
|  | Eagle Mobile | 943.3 - 951.3 MHz (DL) 898.3 - 906.3 MHz (UL) | GSM | GSM | National Coverage | Start: 01-01-2008 Expiry: 31-12-2019 | |
|  | Vodafone Albania | 951.9 - 959.9 MHz (DL) 906.9 - 914.9 MHz (UL) | GSM | GSM | National Coverage | Start: 01-01-2017 Expiry: 31-12-2032 | |


1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Eagle Mobile | 1805.1 - 1814.1 MHz (DL) 1710.1 - 1719.7 MHz (UL) | GSM | GSM | National Coverage | Start: 01-01-2008 Expiry: 31-12-2019 | |
|  | Albanian Mobile Communications (AMC) | 1814.9 - 1823.9 MHz (DL) 1719.9 - 1728.9 MHz (UL) | GSM | GSM | National Coverage | Start: 19-08-2014 Expiry: 19-08-2028 | |
|  | Plus Communication | 1824.1 - 1833.1 MHz (DL) 1729.1 - 1738.1 MHz (UL) | GSM | GSM | National Coverage | Start: 01-06-2009 Expiry: 30-06-2024 | |
|  | Vodafone Albania | 1845.7 - 1854.7 MHz (DL) 1750.7 - 1759.7 MHz (UL) | GSM | GSM | National Coverage | Start: 01-01-2017 Expiry: 31-12-2032 | |


2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Vodafone Albania | 1900 - 1905 MHz | IMT | TDD | National Coverage | Start: 01-12-2010 Expiry: 31-12-2025 | |

2 GHz Mobile Band


1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Vodafone Albania | 2110.3 - 2125.3 MHz (DL) 1920.3 - 1935.3 MHz (UL) | IMT | FDD | National Coverage | Start: 01-12-2010 Expiry: 31-12-2025 | |

Andorra (2013)


800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------------------|------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------------------------|
|  | Serveis de Telecomunicacions d'Andorra | 791 - 821 MHz (DL) 832 - 862 MHz (UL) | IMT | LTE | National Coverage | Expiry: 01-01-2099 Tradeable | Unlimited/licence duration |


900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------------------|------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------------------------|
|  | Serveis de Telecomunicacions d'Andorra | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | IMT | GSM/UMTS | National Coverage | Expiry: 01-01-2099 Tradeable | Unlimited/licence duration |


1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------------------------|
|  | Serveis de Telecomunicacions d'Andorra | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | IMT | GSM/LTE | National Coverage | Expiry: 01-01-2099 Tradeable | Unlimited/licence duration |


2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------------|---------------------|-------------|-------------------------|-------------------|---------------------------------|----------------------------|
|  | Serveis de Telecomunicacions d'Andorra | 1900.1 - 1920.1 MHz | IMT | UMTS-TDD (not deployed) | National Coverage | Expiry: 01-01-2099 Tradeable | Unlimited/licence duration |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------------------------|
|  | Serveis de Telecomunicacions d'Andorra | 2110.5 - 2169.7 MHz (DL) 1920.5 - 1979.7 MHz (UL) | IMT | UMTS FDD/LTE | National Coverage | Expiry: 01-01-2099 Tradeable | Unlimited/licence duration |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------------------------|
|  | Serveis de Telecomunicacions d'Andorra | 2620 - 2690 MHz (DL) 2500 - 2570 MHz (UL) | IMT | UMTS / LTE | National Coverage | Expiry: 01-01-2100 Tradeable | Unlimited/licence duration |

3.5 GHz Band



3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------------------|-----------------|-------------|---------------------------|-------------------|---------------------------------|----------------------------|
|  | Serveis de Telecomunicacions d'Andorra | 3400 - 3600 MHz | IMT | UMTS / FDD (not deployed) | National Coverage | Expiry: 01-01-2100 Tradeable | Unlimited/licence duration |

Austria (2014)






800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------|------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | A1 Telekom Austria Aktiengesellschaft | 791 - 811 MHz (DL) 832 - 852 MHz (UL) | Digital cellular | | National Coverage | Start: 19-11-2013 Expiry: 31-12-2029 Tradeable | |
|  | T-Mobile Austria GmbH | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | Digital cellular | | National Coverage | Start: 19-11-2013 Expiry: 31-12-2029 Tradeable | |


900 MHz Mobile Band















880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | T-Mobile Austria GmbH | 925 - 930 MHz (DL) 880 - 885 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2018 Expiry: 31-12-2034 Tradeable | |
|  | T-Mobile Austria GmbH | 930 - 940 MHz (DL) 885 - 895 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2034 Tradeable | |
|  | Hutchison Drei Austria GmbH | 940 - 945 MHz (DL) 895 - 900 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2034 Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 945 - 955 MHz (DL) 900 - 910 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2034 Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 955 - 960 MHz (DL) 910 - 915 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2018 Expiry: 31-12-2034 Tradeable | |

1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------|----------------------------------------------|------------------|-------------------|-------------------|-----------------------------------------|----------|
|  | T-Mobile Austria GmbH | 1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2020 Expiry: 31-12-2034 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 1805 - 1817.7 MHz (DL) 1710 - 1722.7 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2019 Tradeable | |
|  | T-Mobile Austria GmbH | 1817.7 - 1819.9 MHz (DL) 1722.7 - 1724.9 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2019 Tradeable | |
|  | T-Mobile Austria GmbH | 1819.9 - 1826.4 MHz (DL) 1724.9 - 1731.4 MHz (UL) | Digital cellular | | National Coverage | Start: 29-07-2014 Expiry: 31-12-2019 Tradeable | |
|  | T-Mobile Austria GmbH | 1819.9 - 1826.3 MHz (DL) 1724.9 - 1731.3 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2019 Tradeable | |
|  | Hutchison Drei Austria GmbH | 1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2020 Expiry: 31-12-2034 Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 1826.3 - 1830 MHz (DL) 1731.3 - 1735 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2018 Expiry: 31-12-2019 Tradeable | |
|  | T-Mobile Austria GmbH | 1830 - 1839.1 MHz (DL) 1735 - 1744.1 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2018 Expiry: 31-12-2019 Tradeable | |
|  | T-Mobile Austria GmbH | 1839.1 - 1842.7 MHz (DL) 1744.1 - 1747.7 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2019 Tradeable | |
|  | T-Mobile Austria GmbH | 1842.7 - 1845.5 MHz (DL) 1747.7 - 1750.5 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2019 Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 1845 - 1880 MHz (DL) 1750 - 1785 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2020 Expiry: 31-12-2034 Tradeable | |
|  | T-Mobile Austria GmbH | 1845.5 - 1850.1 MHz (DL) 1750.5 - 1755.1 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2016 Expiry: 31-12-2019 Tradeable | |
|  | Hutchison Drei Austria GmbH | 1850.1 - 1855 MHz (DL) 1755.1 - 1760 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2018 Expiry: 31-12-2019 Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 1855 - 1865 MHz (DL) 1760 - 1770 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2018 Expiry: 31-12-2019 Tradeable | |
|  | Hutchison Drei Austria GmbH | 1865 - 1880 MHz (DL) 1770 - 1785 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2018 Expiry: 31-12-2019 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|----------|-------------|-------------|-------------------|----------|-----------------------|----------|
| | | | | | | Tradeable | |









2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------|---------------------|------------------|-------------------|-------------------|---------------------------------|----------|
|  | A1 Telekom Austria Aktiengesellschaft | 1900.1 - 1910.1 MHz | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | T-Mobile Austria GmbH | 1910.1 - 1915.1 MHz | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | Hutchison Drei Austria GmbH | 1915.1 - 1920.1 MHz | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------|------------------|-------------------|-------------------|---------------------------------|----------|
|  | A1 Telekom Austria Aktiengesellschaft | 2110.3 - 2120.1 MHz (DL) 1920.3 - 1930.1 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 2120.1 - 2124.9 MHz (DL) 1930.1 - 1934.9 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | 3G Mobile Telecommunications GmbH | 2124.9 - 2129.9 MHz (DL) 1934.9 - 1939.9 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | Hutchison Drei Austria GmbH | 2129.9 - 2134.9 MHz (DL) 1939.9 - 1944.9 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | Hutchison Drei Austria GmbH | 2134.9 - 2144.7 MHz (DL) 1944.9 - 1954.7 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | Hutchison Drei Austria GmbH | 2144.7 - 2149.7 MHz (DL) 1954.7 - 1959.7 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | Hutchison Drei Austria GmbH | 2149.7 - 2154.7 MHz (DL) 1959.7 - 1964.7 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |
|  | T-Mobile Austria GmbH | 2154.7 - 2169.7 MHz (DL) 1964.7 - 1979.7 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |






2 GHz Mobile Band

2010-2025 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|---------------------|------------------|-------------------|-------------------|---------------------------------|----------|
|  | T-Mobile Austria GmbH | 2019.9 - 2024.7 MHz | Digital cellular | | National Coverage | Expiry: 31-12-2020 Tradeable | |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------|------------------|-------------------|-------------------|---------------------------------|----------|
|  | A1 Telekom Austria Aktiengesellschaft | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2026 Tradeable | |
|  | T-Mobile Austria GmbH | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2026 Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 2660 - 2665 MHz (DL) 2540 - 2545 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2026 Tradeable | |
|  | Hutchison Drei Austria GmbH | 2665 - 2670 MHz (DL) 2545 - 2550 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2026 Tradeable | |
|  | Hutchison Drei Austria GmbH | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | Digital cellular | | National Coverage | Expiry: 31-12-2026 Tradeable | |




2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------------------|-----------------|------------------|-------------------|-------------------|---------------------------------|----------|
|  | Hutchison Drei Austria GmbH | 2570 - 2595 MHz | Digital cellular | | National Coverage | Expiry: 31-12-2026 Tradeable | |
|  | A1 Telekom Austria Aktiengesellschaft | 2595 - 2620 MHz | Digital cellular | | National Coverage | Expiry: 31-12-2026 Tradeable | |















3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------|----------------------------------------------|------------------|-------------------|-------------------------------------|---------------------------------|----------|
|  | Russmedia IT GmbH | 3510 - 3545 MHz (DL) 3410 - 3445 MHz (UL) | Digital cellular | | Regional/local coverage Region j | Expiry: 31-12-2019 Tradeable | |
|  | available | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region l | Tradeable | |
|  | available | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region i | Tradeable | |


| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|------------------|-------------------|-------------------------------------|------------------------------------------------------|----------|
|  | available | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region k | Tradeable | |
|  | available | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region r | Tradeable | |
|  | available | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region q | Tradeable | |
|  | available | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region m | Tradeable | |
|  | LinzNet Internet Service Provider GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region c | Expiry: 31-12-2019 Tradeable | |
|  | B.net Burgenland Telekom GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region d | Expiry: 31-12-2019 Tradeable | |
|  | Peter Rauter GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region g | Expiry: 31-12-2019 Tradeable | |
|  | Peter Rauter GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region f | Expiry: 31-12-2019 Tradeable | |
|  | Peter Rauter GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region o | Expiry: 31-12-2019 Tradeable | |
|  | LinzNet Internet Service Provider GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region b | Expiry: 31-12-2019 Tradeable | |
|  | Salzburg AG | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region n | Expiry: 31-12-2019 Tradeable | |
|  | Salzburg AG | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region p | Expiry: 31-12-2019 Tradeable | |
|  | B.net Burgenland Telekom GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region e | Expiry: 31-12-2019 Tradeable | |
|  | Peter Rauter GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region h | Expiry: 31-12-2019 Tradeable | |
|  | EVN Netz GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region a | Expiry: 31-12-2019 Tradeable | |
|  | NETcompany - WLAN Internet Provider GmbH | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | Digital cellular | | Regional/local coverage Region m | Start: 01-07-2014 Expiry: 31-12-2019 Tradeable | |
|  | available | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region r | Tradeable | |
|  | available | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region q | Tradeable | |
|  | available | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region m | Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|------------------|-------------------|-------------------------------------|------------------------------------------------------|----------|
|  | available | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region l | Tradeable | |
|  | available | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region k | Tradeable | |
|  | available | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region h | Tradeable | |
|  | Salzburg AG | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region n | Expiry: 31-12-2019 Tradeable | |
|  | Otto M. Steinmann e.U. | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region i | Expiry: 31-12-2019 Tradeable | |
|  | Otto M. Steinmann e.U. | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region d | Expiry: 31-12-2019 Tradeable | |
|  | Otto M. Steinmann e.U. | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region c | Expiry: 31-12-2019 Tradeable | |
|  | Otto M. Steinmann e.U. | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region b | Expiry: 31-12-2019 Tradeable | |
|  | Otto M. Steinmann e.U. | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region a | Expiry: 31-12-2019 Tradeable | |
|  | EVN Netz GmbH | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region f | Expiry: 31-12-2019 Tradeable | |
|  | Salzburg AG | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region o | Expiry: 31-12-2019 Tradeable | |
|  | Salzburg AG | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region p | Expiry: 31-12-2019 Tradeable | |
|  | LinzNet Internet Service Provider GmbH | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region g | Expiry: 31-12-2019 Tradeable | |
|  | B.net Burgenland Telekom GmbH | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region e | Expiry: 31-12-2019 Tradeable | |
|  | NETcompany - WLAN Internet Provider GmbH | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Digital cellular | | Regional/local coverage Region m | Start: 01-07-2014 Expiry: 31-12-2019 Tradeable | |
|  | Russmedia IT GmbH | 3552 - 3594 MHz (DL) 3452 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region j | Expiry: 31-12-2019 Tradeable | |
|  | available | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region i | Tradeable | |
|  | available | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region h | Tradeable | |
|  | LinzNet Internet Service Provider GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region c | Expiry: 31-12-2019 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------|------------------|-------------------|-------------------------------------|---------------------------------|----------|
|  | LinzNet Internet Service Provider GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region b | Expiry: 31-12-2019 Tradeable | |
|  | WESTNET Telekommunikations- und Informationsdienstleistungs GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region e | Expiry: 31-12-2019 Tradeable | |
|  | B.net Burgenland Telekom GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region d | Expiry: 31-12-2019 Tradeable | |
|  | LinzNet Internet Service Provider GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region g | Expiry: 31-12-2019 Tradeable | |
|  | EVN Netz GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region a | Expiry: 31-12-2019 Tradeable | |
|  | NETcompany - WLAN Internet Provider GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region m | Expiry: 31-12-2019 Tradeable | |
|  | NETcompany - WLAN Internet Provider GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region n | Expiry: 31-12-2019 Tradeable | |
|  | NETcompany - WLAN Internet Provider GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region q | Expiry: 31-12-2019 Tradeable | |
|  | Camyno GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region p | Expiry: 31-12-2019 Tradeable | |
|  | EVN Netz GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region f | Expiry: 31-12-2019 Tradeable | |
|  | Camyno GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region r | Expiry: 31-12-2019 Tradeable | |
|  | Salzburg AG | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region o | Expiry: 31-12-2019 Tradeable | |
|  | NETcompany - WLAN Internet Provider GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region k | Expiry: 31-12-2019 Tradeable | |
|  | WESTNET Telekommunikations- und Informationsdienstleistungs GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | Digital cellular | | Regional/local coverage Region l | Expiry: 31-12-2019 Tradeable | |

3.7 GHz Band





3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------|-----------------|------------------|-------------------|-------------------|-----------------------|----------|
|  | available | 3600 - 3800 MHz | Digital cellular | | National Coverage | Tradeable | |

Azerbaijan (2017)




3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|-----------|
|  | Telecom Operator | 3404 - 3437 MHz | BWA | WLL services | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |
|  | Telecom Operator | 3446 - 3507 MHz | BWA | WLL services | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |
|  | AzQTel | 3507 - 3535 MHz | MFCN | WiMax | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |
|  | AzQTel | 3535 - 3549 MHz | MFCN | WiMax | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |
|  | AzQTel | 3549 - 3577 MHz | MFCN | WiMax | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |
|  | AzQTel | 3577 - 3591 MHz | MFCN | WiMax | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |

3.7 GHz Band


3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|-----------|
|  | AzQTel | 3591 - 3621 MHz | MFCN | WiMax | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |
|  | AzQTel | 3621 - 3635 MHz | MFCN | WiMax | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |
|  | AzQTel | 3635 - 3649 MHz | MFCN | WiMax | National Coverage | Start: 01-09-2008 Expiry: 01-01-2099 Tradeable | Unlimited |

Belarus (2018)








800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|------------------------------------------|-------------|-----------------------------------------------|----------|-----------------------------------------|------------------------------------------------------------------|
|  | Vacant | 791 - 821 MHz (DL) 832 - 862 MHz (UL) | | LM-MFCN-IMT after phasing out of ARNS systems | | Start: 01-03-2017 Expiry: 31-12-2099 | Awaiting of a decision of State Commission for Radio Frequencies |


900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|-------------------|
|  | LLC "Mobile TeleSystems" | 925.2 - 927 MHz (DL) 880.2 - 882 MHz (UL) | GSM | | National Coverage | Start: 01-03-2017 Expiry: 31-12-2020 | Permanent licence |
|  | LLC "Mobile TeleSystems" | 932.6 - 937.4 MHz (DL) 887.6 - 892.4 MHz (UL) | MFCN | UMTS | National Coverage | Start: 01-03-2017 Expiry: 31-12-2020 | Permanent licence |
|  | LLC "Mobile TeleSystems" | 937.2 - 939.8 MHz (DL) 892.2 - 894.8 MHz (UL) | GSM | | National Coverage | Start: 01-03-2017 Expiry: 31-12-2020 | Permanent licence |
|  | FE "velcom" | 940.2 - 944.6 MHz (DL) 895.2 - 899.6 MHz (UL) | GSM | GSM | National Coverage | Start: 01-03-2017 Expiry: 31-12-2020 | Permanent licence |
|  | CJSC "BeST" | 945 - 950.4 MHz (DL) 900 - 905.4 MHz (UL) | GSM | | National Coverage | Start: 01-03-2017 Expiry: 30-09-2021 | Permanent licence |
|  | FE "velcom" | 952.8 - 957.6 MHz (DL) 907.8 - 912.6 MHz (UL) | MFCN | | National Coverage | Start: 01-03-2017 Expiry: 31-12-2020 | Permanent licence |
|  | CJSC "BeST" | 958 - 959.8 MHz (DL) 913 - 914.8 MHz (UL) | GSM | | National Coverage | Start: 01-03-2017 Expiry: 30-09-2021 | Permanent licence |


1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|-------------------|
|  | BeCloud (Belarussian Cloud Technology) | 1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-03-2017 Expiry: 01-05-2021 | Permanent licence |





2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|------------------------------------------------------------------|
|  | Vacant | 1900 - 1920 MHz | - | UTRA TDD | National Coverage | Start: 01-03-2017 Expiry: 31-12-2099 | Awaiting of a decision of State Commission for Radio Frequencies |



2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | FE "velcom" | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | IMT | UTRA FDD | National Coverage | Start: 01-03-2017 Expiry: 31-12-2020 | |
|  | CJSC "BeST" | 2125 - 2130 MHz (DL) 1935 - 1940 MHz (UL) | IMT | UTRA FDD | National Coverage | Start: 01-03-2017 Expiry: 01-06-2020 | |
|  | LLC "Mobile TeleSystems" | 2135 - 2150 MHz (DL) 1945 - 1960 MHz (UL) | IMT | UTRA FDD | National Coverage | Start: 01-03-2017 Expiry: 31-12-2020 | |
|  | CJSC "BeST" | 2155 - 2160 MHz (DL) 1965 - 1970 MHz (UL) | IMT | UTRA FDD | National Coverage | Start: 01-03-2017 Expiry: 01-06-2020 | |


2 GHz Mobile Band

2010-2025 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|------------------------------------------------------------------|
|  | Vacant | 2010 - 2025 MHz | - | UTRA TDD | | | Awaiting of a decision of State Commission for Radio Frequencies |
|  | Vacant | 2010 - 2025 MHz | | UTRA FDD | National Coverage | Start: 01-03-2017 Expiry: 31-12-2099 | Awaiting of a decision of State Commission for Radio Frequencies |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|-------------------|
|  | CJSC "BeST" | 2650 - 2685 MHz (DL) 2530 - 2565 MHz (UL) | MFCN | LTE FDD | National Coverage | Start: 01-03-2017 Expiry: 01-05-2021 | Permanent licence |


2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|------------------------------------------------------------------|
|  | Vacant | 2570 - 2620 MHz | - | LTE TDD | National Coverage | Start: 01-03-2017 Expiry: 31-12-2099 | Awaiting of a decision of State Commission for Radio Frequencies |

3.7 GHz Band




3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------|
|  | Vacant | 3600 - 3800 MHz | | | National Coverage | Start: 01-03-2017 Expiry: 31-12-2099 | Awaiting a decision of State Commission for Radio Frequencies - Regional or National coverage |

Belgium (2018)






800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------|
|  | Telenet Group | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | BWA | | National Coverage | Expiry: 30-11-2033 Tradeable | |
|  | Proximus | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | BWA | | National Coverage | Expiry: 30-11-2033 Tradeable | |
|  | Orange Belgium | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | BWA | | National Coverage | Expiry: 30-11-2033 Tradeable | |




900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|----------------|--------------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------|
|  | Telenet Group | 925.1 - 935.3 MHz (DL) 880.1 - 890.3 MHz (UL) | GSM | GSM/UMTS | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Proximus | 935.3 - 941.1 MHz (DL) 890.3 - 896.1 MHz (UL) | GSM | GSM/UMTS | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Orange Belgium | 941.3 - 946.9 MHz (DL) 896.3 - 901.9 MHz (UL) | GSM | GSM/UMTS | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Proximus | 947.1 - 953.7 MHz (DL) 902.1 - 908.7 MHz (UL) | GSM | GSM/UMTS | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Orange Belgium | 953.9 - 959.9 MHz (DL) 908.9 - 914.9 MHz (UL) | GSM | GSM/UMTS | National Coverage | Expiry: 15-03-2021 Tradeable | |




1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|----------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------|
|  | Proximus | 1805 - 1830 MHz (DL) 1710 - 1735 MHz (UL) | GSM | GSM/LTE | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Orange Belgium | 1830 - 1855 MHz (DL) 1735 - 1760 MHz (UL) | GSM | GSM/LTE | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Telenet Group | 1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL) | GSM | GSM/LTE | National Coverage | Expiry: 15-03-2021 Tradeable | |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|---------------------|-------------|-------------------|-------------------|---------------------------------|----------|
|  | Telenet Group | 1899.9 - 1904.9 MHz | IMT | | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Orange Belgium | 1909.9 - 1914.9 MHz | IMT | | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Proximus | 1914.9 - 1920.3 MHz | IMT | | National Coverage | Expiry: 15-03-2021 Tradeable | |




2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|------------------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------|
|  | Proximus | 2110.3 - 2125.3 MHz (DL) 1920.3 - 1935.3 MHz (UL) | IMT | UMTS | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Telenet Group | 2125.3 - 2140.1 MHz (DL) 1935.3 - 1950.1 MHz (UL) | IMT | UMTS | National Coverage | Expiry: 15-03-2021 Tradeable | |
|  | Orange Belgium | 2154.9 - 2169.7 MHz (DL) 1964.9 - 1979.7 MHz (UL) | IMT | UMTS | National Coverage | Expiry: 15-03-2021 Tradeable | |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|----------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------|
|  | Proximus | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | BWA | | National Coverage | Expiry: 01-07-2027 Tradeable | |
|  | Telenet Group | 2655 - 2670 MHz (DL) 2535 - 2550 MHz (UL) | BWA | | National Coverage | Expiry: 01-07-2027 Tradeable | |
|  | Orange Belgium | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | BWA | | National Coverage | Expiry: 01-07-2027 Tradeable | |





2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------|-----------------|-------------|-------------------|-------------------|---------------------------------|----------|
|  | Dense Air Belgium | 2575 - 2620 MHz | BWA | | National Coverage | Expiry: 01-07-2027 Tradeable | |

3.5 GHz Band








3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|-----------------|-------------|-------------------|----------|---------------------------------|----------|
|  | Gridmax | 3430 - 3450 MHz | BWA | | | Expiry: 07-03-2021 Tradeable | |
|  | Citymesh | 3430 - 3450 MHz | BWA | | | Expiry: 07-05-2025 Tradeable | |
|  | Gridmax | 3530 - 3550 MHz | BWA | | | Expiry: 07-03-2021 Tradeable | |
|  | Citymesh | 3530 - 3550 MHz | BWA | | | Expiry: 07-05-2025 Tradeable | |

Bosnia and Herzegovina (2017)





900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------|-------------|-----------------------------------------|-------------------|-----------------------------------------|-------------------------|
|  | Telekom Srpske a.d. Banja Luka | 925.3 - 928.7 MHz (DL) 880.3 - 883.7 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 23-04-2012 Expiry: 11-10-2019 | E-GSM block 1 |
|  | Hrvatske Telekomunikacije d.d. Mostar | 928.7 - 932.1 MHz (DL) 883.7 - 887.1 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 23-04-2012 Expiry: 11-10-2019 | E-GSM block 2 |
|  | BH Telecom d.d. Sarajevo | 932.1 - 935.1 MHz (DL) 887.1 - 890.1 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 23-04-2012 Expiry: 11-10-2019 | E-GSM block 3 |
|  | Telekom Srpske a.d. Banja Luka | 935.1 - 943.1 MHz (DL) 890.1 - 898.1 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 08-12-2010 Expiry: 11-10-2019 | GSM&UMTS 900 block 1 |
|  | Hrvatske Telekomunikacije d.d. Mostar | 943.1 - 951.1 MHz (DL) 898.1 - 906.1 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 08-12-2010 Expiry: 11-10-2019 | GSM&UMTS 900 block 2 |
|  | BH Telecom d.d. Sarajevo | 951.1 - 959.1 MHz (DL) 906.1 - 914.1 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 08-12-2010 Expiry: 11-10-2019 | GSM&UMTS 900 block 3 |
|  | BH Telecom d.d. Sarajevo | 959.1 - 959.5 MHz (DL) 914.1 - 914.5 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 23-04-2012 Expiry: 11-10-2019 | E-GSM block 3+ (0.4MHz) |




1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------|-------------|-----------------------------------------|-------------------|-----------------------------------------|-----------------------|
|  | BH Telecom d.d. Sarajevo | 1805.1 - 1817.1 MHz (DL) 1710.1 - 1722.1 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 11-02-2005 Expiry: 11-10-2019 | GSM&UMTS 1800 block 1 |
|  | Hrvatske Telekomunikacije d.d. Mostar | 1822.9 - 1830.9 MHz (DL) 1727.9 - 1735.9 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 28-12-2004 Expiry: 11-10-2019 | GSM&UMTS 1800 block 2 |
|  | Hrvatske Telekomunikacije d.d. Mostar | 1830.9 - 1834.9 MHz (DL) 1735.9 - 1739.9 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 28-12-2004 Expiry: 11-10-2019 | GSM&UMTS 1800 block 3 |
|  | Telekom Srpske a.d. Banja Luka | 1842.7 - 1854.7 MHz (DL) 1747.7 - 1759.7 MHz (UL) | GSM | Land mobile / Digital cellular / GSM | National Coverage | Start: 31-12-2004 Expiry: 11-10-2019 | GSM&UMTS 1800 block 4 |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------|-----------------|-------------|--------------------------------------|-------------------|-----------------------------------------|-----------------------|
|  | Hrvatske Telekomunikacije d.d. Mostar | 1905 - 1910 MHz | IMT | Land mobile / Digital cellular / IMT | National Coverage | Start: 01-04-2009 Expiry: 25-03-2024 | UMTS 2100 TDD block 1 |
|  | Telekom Srpske a.d. Banja Luka | 1910 - 1915 MHz | IMT | Land mobile / Digital cellular / IMT | National Coverage | Start: 01-04-2009 Expiry: 25-03-2024 | UMTS 2100 TDD block 2 |
|  | BH Telecom d.d. Sarajevo | 1915 - 1920 MHz | IMT | Land mobile / Digital cellular / IMT | National Coverage | Start: 01-04-2009 Expiry: 25-03-2024 | UMTS 2100 TDD block 3 |

2 GHz Mobile Band






1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------|-------------|--------------------------------------|-------------------|-----------------------------------------|-----------------------|
|  | Hrvatske Telekomunikacije d.d. Mostar | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | IMT | Land mobile / Digital cellular / IMT | National Coverage | Start: 01-04-2009 Expiry: 25-03-2024 | UMTS 2100 FDD block 1 |
|  | Telekom Srpske a.d. Banja Luka | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | IMT | Land mobile / Digital cellular / IMT | National Coverage | Start: 01-04-2009 Expiry: 25-03-2024 | UMTS 2100 FDD block 2 |
|  | BH Telecom d.d. Sarajevo | 2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL) | IMT | Land mobile / Digital cellular / IMT | National Coverage | Start: 01-04-2009 Expiry: 25-03-2024 | UMTS 2100 FDD block 3 |

Bulgaria (2016)






900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | A1 Bulgaria EAD | 925.1 - 926.9 MHz (DL) 880.1 - 881.9 MHz (UL) | TRA-ECS | | National Coverage | Start: 08-06-1994 Expiry: 08-06-2024 Tradeable | GSM/UMTS/LTE/WiMAX |
|  | Telenor Bulgaria EAD | 927.1 - 928.9 MHz (DL) 882.1 - 883.9 MHz (UL) | TRA-ECS | | National Coverage | Start: 11-01-2001 Expiry: 23-01-2021 Tradeable | GSM/UMTS/LTE/WiMAX |
|  | Bulgarian Telecommunications Company EAD | 929.1 - 940.3 MHz (DL) 884.1 - 895.3 MHz (UL) | TRA-ECS | | National Coverage | Start: 07-06-2004 Expiry: 07-06-2024 Tradeable | GSM/UMTS/LTE/WiMAX |
|  | A1 Bulgaria EAD | 940.7 - 950.1 MHz (DL) 895.7 - 905.1 MHz (UL) | TRA-ECS | | National Coverage | Start: 08-06-1994 Expiry: 08-06-2024 Tradeable | GSM/UMTS/LTE/WiMAX |
|  | Telenor Bulgaria EAD | 950.5 - 959.9 MHz (DL) 905.5 - 914.9 MHz (UL) | TRA-ECS | | National Coverage | Start: 11-01-2001 Expiry: 23-01-2021 Tradeable | GSM/UMTS/LTE/WiMAX |




1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | A1 Bulgaria EAD | 1805 - 1820 MHz (DL) 1710 - 1725 MHz (UL) | TRA-ECS | | National Coverage | Start: 08-06-1994 Expiry: 08-06-2024 Tradeable | GSM/UMTS/LTE/WiMAX |
|  | Telenor Bulgaria EAD | 1820 - 1835 MHz (DL) 1725 - 1740 MHz (UL) | TRA-ECS | | National Coverage | Start: 11-01-2001 Expiry: 23-01-2021 Tradeable | GSM/UMTS/LTE/WiMAX |
|  | Bulgarian Telecommunications Company EAD | 1835 - 1850 MHz (DL) 1740 - 1755 MHz (UL) | TRA-ECS | | National Coverage | Start: 07-06-2004 Expiry: 07-06-2024 Tradeable | GSM/UMTS/LTE/WiMAX |
|  | Bulsatcom EAD | 1850 - 1855 MHz (DL) 1755 - 1760 MHz (UL) | TRA-ECS | | National Coverage | Start: 15-12-2011 Expiry: 15-12-2021 Tradeable | GSM/UMTS/LTE/WiMAX |
|  | T.com AD | 1865 - 1880 MHz (DL) 1770 - 1785 MHz (UL) | TRA-ECS | | National Coverage | Start: 15-12-2011 Expiry: 15-12-2021 Tradeable | GSM/UMTS/LTE/WiMAX |

2 GHz Mobile Band



1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Telenor Bulgaria EAD | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | TRA-ECS | | National Coverage | Start: 25-04-2005 Expiry: 25-04-2025 Tradeable | |
|  | A1 Bulgaria EAD | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | TRA-ECS | | National Coverage | Start: 25-04-2005 Expiry: 25-04-2025 Tradeable | |
|  | Bulgarian Telecommunications Company EAD | 2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL) | TRA-ECS | | National Coverage | Start: 25-04-2005 Expiry: 25-04-2025 Tradeable | |

Croatia (2016)






800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------------------------------------|
|  | VIPnet d.o.o. | 791 - 806 MHz (DL) 832 - 847 MHz (UL) | Digital cellular | LTE | National Coverage | Start: 29-10-2012 Expiry: 18-10-2024 Tradeable | extension in 2013 from 2x10 to 2x15MHz |
|  | Hrvatski Telekom d.d. | 806 - 821 MHz (DL) 847 - 862 MHz (UL) | Digital cellular | LTE | National Coverage | Start: 29-10-2012 Expiry: 18-10-2024 Tradeable | extension in 2013 from 2x10 to 2x15MHz |


900 MHz Mobile Band





880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|-------------------|
|  | Tele 2 d.o.o. | 925.3 - 930.3 MHz (DL) 880.3 - 885.3 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 22-12-2004 Expiry: 22-12-2024 Tradeable | extension in 2007 |
|  | Hrvatski Telekom d.d. | 930.3 - 932.7 MHz (DL) 885.3 - 887.7 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 17-09-2009 Expiry: 18-10-2024 Tradeable | |
|  | VIPnet d.o.o. | 932.7 - 940.9 MHz (DL) 887.7 - 895.9 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 01-07-2009 Expiry: 18-10-2024 Tradeable | |
|  | Hrvatski Telekom d.d. | 941.1 - 953.1 MHz (DL) 896.1 - 908.1 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 17-09-2009 Expiry: 18-10-2024 Tradeable | |
|  | VIPnet d.o.o. | 953.3 - 959.5 MHz (DL) 908.3 - 914.5 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 01-07-2009 Expiry: 18-10-2024 Tradeable | |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------|------------------------------------------------------|------------------|-------------------|-------------------|-----------------------------------------|----------------------------------------|
|  | Tele 2 d.o.o. | 1805.1 - 1825.1 MHz (DL) 1710.1 - 1730.1 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 22-12-2004 Expiry: 22-12-2024 | extension in 2014 from 2x12 to 2x20MHz |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|------------------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|---------------------------------------------------------------------|
| | | | | | | Tradeable | |
|  | Hrvatski Telekom d.d. | 1825.1 - 1845.1 MHz (DL) 1730.1 - 1750.1 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 17-09-2009 Expiry: 18-10-2024 Tradeable | extension in 2011 from 2x8.4 to 2x20MHz |
|  | Tele 2 d.o.o. | 1845.1 - 1852.1 MHz (DL) 1750.1 - 1757.1 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 22-12-2004 Expiry: 22-12-2024 Tradeable | extension in 2014 |
|  | VIPnet d.o.o. | 1852.1 - 1869.9 MHz (DL) 1757.1 - 1774.9 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 01-07-2009 Expiry: 18-10-2024 Tradeable | extension 2x10MHz in 2011; extension in 2015 from 2x10 to 2x17.8MHz |
|  | Hrvatski Telekom d.d. | 1869.9 - 1879.9 MHz (DL) 1774.9 - 1784.9 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 17-09-2009 Expiry: 18-10-2024 Tradeable | extension in 2014 |



2 GHz Mobile Band


1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|-----------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Hrvatski Telekom d.d. | 1900 - 1905 MHz | Digital cellular | UMTS | National Coverage | Start: 18-10-2004 Expiry: 18-10-2024 Tradeable | |
|  | Tele 2 d.o.o. | 1905 - 1910 MHz | Digital cellular | UMTS | National Coverage | Start: 22-12-2004 Expiry: 22-12-2024 Tradeable | |
|  | VIPnet d.o.o. | 1910 - 1915 MHz | Digital cellular | UMTS | National Coverage | Start: 18-10-2004 Expiry: 18-10-2024 Tradeable | |

2 GHz Mobile Band



1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------|----------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Hrvatski Telekom d.d. | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | Digital cellular | UMTS | National Coverage | Start: 18-10-2004 Expiry: 18-10-2024 Tradeable | |
|  | Tele 2 d.o.o. | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | Digital cellular | UMTS | National Coverage | Start: 22-12-2004 Expiry: 22-12-2024 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------|----------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | VIPnet d.o.o. | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | Digital cellular | UMTS | National Coverage | Start: 18-10-2004 Expiry: 18-10-2024 Tradeable | |

3.5 GHz Band



3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------|-------------|-------------------|-------------------------------------------------------------|------------------------------------------------------|----------|
|  | NOVI-NET TELEKOMUNIKACIJE d.o.o. | 3510 - 3524 MHz (DL) 3410 - 3424 MHz (UL) | BWA | WiMAX | Regional/local coverage Varazdin and Medimurje county | Start: 04-11-2015 Expiry: 04-11-2023 Tradeable | |
|  | NOVI-NET TELEKOMUNIKACIJE d.o.o. | 3527.5 - 3548.5 MHz (DL) 3427.5 - 3448.5 MHz (UL) | BWA | WiMAX | Regional/local coverage Varazdin and Medimurje county | Start: 04-11-2015 Expiry: 04-11-2023 Tradeable | |

Cyprus (2015)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | MTN Cyprus Limited | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | | National Coverage | Start: 05-09-2016 Expiry: 05-09-2028 Tradeable | |
|  | cyta | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | | National Coverage | Start: 05-09-2016 Expiry: 05-09-2028 Tradeable | |




900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Primetel PLC | 925 - 935 MHz (DL) 880 - 890 MHz (UL) | TRA-ECS | | National Coverage | Start: 07-02-2014 Expiry: 07-02-2029 Tradeable | |
|  | MTN Cyprus Limited | 935.2 - 947.4 MHz (DL) 890.2 - 902.4 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-12-2003 Expiry: 01-12-2023 Tradeable | |
|  | cyta | 947.6 - 959.8 MHz (DL) 902.6 - 914.8 MHz (UL) | TRA-ECS | | National Coverage | Start: 27-02-2004 Expiry: 27-02-2024 Tradeable | |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | cyta | 1805.2 - 1830 MHz (DL) 1710.2 - 1735 MHz (UL) | TRA-ECS | | National Coverage | Start: 27-02-2004 Expiry: 27-02-2024 Tradeable | |
|  | MTN Cyprus Limited | 1830.2 - 1855 MHz (DL) 1735.2 - 1760 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-12-2003 Expiry: 01-12-2023 Tradeable | |
|  | Primetel PLC | 1855.2 - 1880 MHz (DL) 1760.2 - 1785 MHz (UL) | TRA-ECS | | National Coverage | Start: 07-02-2014 Expiry: 07-02-2029 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|----------|-------------|-------------|-------------------|----------|-----------------------|----------|
| | | | | | | Tradeable | |



2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | cyta | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | TRA-ECS | | National Coverage | Start: 27-02-2004 Expiry: 27-02-2024 Tradeable | |
|  | MTN Cyprus Limited | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-12-2003 Expiry: 01-12-2023 Tradeable | |
|  | Primetel PLC | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | TRA-ECS | | National Coverage | Start: 07-02-2014 Expiry: 07-02-2029 Tradeable | |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | MTN Cyprus Limited | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | | National Coverage | Start: 05-09-2016 Expiry: 05-09-2028 Tradeable | |
|  | cyta | 2645 - 2665 MHz (DL) 2525 - 2545 MHz (UL) | TRA-ECS | | National Coverage | Start: 05-09-2016 Expiry: 05-09-2028 Tradeable | |

2.6 GHz Mobile Band




2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | MTN Cyprus Limited | 2570 - 2585 MHz | TRA-ECS | | National Coverage | Start: 05-09-2016 Expiry: 05-09-2028 Tradeable | |
|  | cyta | 2585 - 2600 MHz | TRA-ECS | | National Coverage | Start: 05-09-2016 Expiry: 05-09-2028 Tradeable | |

CzechRepublic (2017)








800 MHz Mobile Band (the UHF band)










790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|------------------------------------------|------------------|----------------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | T- Mobile Czech Republic a.s. | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | Digital cellular | technology neutral, FDD | National Coverage | Start: 24-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | Digital cellular | technology neutral, FDD | National Coverage | Start: 26-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | Digital cellular | technology neutral, FDD | National Coverage | Start: 27-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |

900 MHz Mobile Band




880-915 MHz / 925-960 MHz (paired frequency arrangement)










| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------|-------------|--------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | O2 Czech Republic a.s. | 925.1 - 926.9 MHz (DL) 880.1 - 881.9 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 08-02-2016 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 926.9 - 930.5 MHz (DL) 881.9 - 885.5 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2009 Expiry: 15-01-2021 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 930.5 - 931.9 MHz (DL) 885.5 - 886.9 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 08-02-2016 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 931.9 - 933.1 MHz (DL) 886.9 - 888.1 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2009 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 933.1 - 934.9 MHz (DL) 888.1 - 889.9 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2005 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 934.9 - 935.1 MHz (DL) 889.9 - 890.1 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2009 Expiry: 15-01-2021 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 935.1 - 939.3 MHz (DL) 890.1 - 894.3 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2005 Expiry: 15-01-2021 Tradeable | conditional transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------|-------------|--------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | T- Mobile Czech Republic a.s. | 939.3 - 942.1 MHz (DL) 894.3 - 897.1 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2005 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 942.1 - 944.9 MHz (DL) 897.1 - 899.9 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 08-02-2016 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 944.9 - 947.1 MHz (DL) 899.9 - 902.1 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2005 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 947.1 - 949.1 MHz (DL) 902.1 - 904.1 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 08-02-2016 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 949.1 - 951.1 MHz (DL) 904.1 - 906.1 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2005 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 951.1 - 954.3 MHz (DL) 906.1 - 909.3 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 08-02-2016 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 954.3 - 956.7 MHz (DL) 909.3 - 911.7 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2005 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 956.7 - 957.9 MHz (DL) 911.7 - 912.9 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 08-02-2016 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 957.9 - 959.9 MHz (DL) 912.9 - 914.9 MHz (UL) | TRA-ECS | technology neutral | National Coverage | Start: 01-01-2005 Expiry: 15-01-2021 Tradeable | conditional transfer of rights |

1800 MHz Mobile Band


1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------|------------------------------------------------------|-------------|-------------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | O2 Czech Republic a.s. | 1805.1 - 1805.3 MHz (DL) 1710.1 - 1710.3 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 22-09-2016 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 1805.3 - 1806.3 MHz (DL) 1710.3 - 1711.3 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 26-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 1806.3 - 1816.9 MHz (DL) 1711.3 - 1721.9 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 08-02-2016 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|-------------|----------------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | O2 Czech Republic a.s. | 1816.9 - 1818.9 MHz (DL) 1721.9 - 1723.9 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 26-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 1818.9 - 1822.3 MHz (DL) 1723.9 - 1727.3 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 08-02-2016 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 1822.3 - 1824.3 MHz (DL) 1727.3 - 1729.3 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 24-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 1824.3 - 1842.3 MHz (DL) 1729.3 - 1747.3 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 01-01-2005 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 1842.3 - 1850 MHz (DL) 1747.3 - 1755 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 22-09-2016 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 1850 - 1855 MHz (DL) 1755 - 1760 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 02-12-2016 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 1855 - 1857.9 MHz (DL) 1760 - 1762.9 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 22-09-2016 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 1857.9 - 1873.9 MHz (DL) 1762.9 - 1778.9 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 01-01-2005 Expiry: 15-01-2021 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 1875.9 - 1879.9 MHz (DL) 1780.9 - 1784.9 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 27-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | T- Mobile Czech Republic a.s. | 1910.1 - 1915.1 MHz | Digital cellular | IMT/UMTS, TDD | National Coverage | Start: 01-01-2005 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |





2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|------------------|----------------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | O2 Czech Republic a.s. | 2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL) | Digital cellular | IMT/UMTS, FDD | National Coverage | Start: 01-01-2005 Expiry: 01-01-2022 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 01-01-2005 Expiry: 23-02-2025 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 01-01-2005 Expiry: 22-10-2024 Tradeable | conditional transfer of rights |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------|----------------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | O2 Czech Republic a.s. | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 26-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | T- Mobile Czech Republic a.s. | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 24-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | Vodafone Czech Republic a.s. | 2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 27-02-2014 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | T-Mobile Czech Republic a.s. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | technology neutral, FDD | National Coverage | Start: 15-11-2016 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |

2.6 GHz Mobile Band



2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------|-----------------|-------------|----------------------------|-------------------|------------------------------------------------------|--------------------------------|
|  | T-Mobile Czech Republic a.s. | 2570 - 2595 MHz | TRA-ECS | technology neutral, TDD | National Coverage | Start: 15-11-2016 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |
|  | O2 Czech Republic a.s. | 2595 - 2620 MHz | TRA-ECS | technology neutral, TDD | National Coverage | Start: 22-09-2016 Expiry: 30-06-2029 Tradeable | conditional transfer of rights |

Denmark (2017)






800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TT-Netværket P/S | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2034 Tradeable | |
|  | TDC A/S | 801 - 821 MHz (DL) 842 - 862 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2034 Tradeable | |


900 MHz Mobile Band






880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Telia Danmark final af Telia | 925.1 - 927.7 MHz (DL) 880.1 - 882.7 MHz (UL) | Land mobile | | National Coverage | Start: 01-02-2001 Expiry: 31-12-2019 Tradeable | |
|  | Telia Mobile AB | 927.7 - 936.9 MHz (DL) 882.7 - 891.9 MHz (UL) | Land mobile | | National Coverage | Start: 23-01-2001 Expiry: 31-12-2019 Tradeable | |
|  | Hi3G Denmark ApS | 936.9 - 941.9 MHz (DL) 891.9 - 896.9 MHz (UL) | Land mobile | | National Coverage | Start: 01-01-2011 Expiry: 31-12-2034 Tradeable | |
|  | TDC Mobil A/S | 941.9 - 950.9 MHz (DL) 896.9 - 905.9 MHz (UL) | Land mobile | | National Coverage | Start: 04-12-1997 Expiry: 31-12-2019 Tradeable | |
|  | Telenor A/S | 950.9 - 959.9 MHz (DL) 905.9 - 914.9 MHz (UL) | Land mobile | | National Coverage | Start: 04-12-1997 Expiry: 31-12-2019 Tradeable | |

1800 MHz Mobile Band





1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------|----------------------------------------------|-------------|-------------------|----------------------------------------------|-----------------------------------------|----------|
|  | TDC A/S | 1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL) | TRA-ECS | | Regional/local coverage 100 Landsdækkende | Start: 13-06-2017 Expiry: 12-06-2032 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------|-------------|-------------------|----------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Hi3G Denmark ApS | 1805.1 - 1815.1 MHz (DL) 1710.1 - 1720.1 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2011 Expiry: 12-06-2032 Tradeable | |
|  | Hi3G Denmark ApS | 1825 - 1835 MHz (DL) 1730 - 1740 MHz (UL) | TRA-ECS | | Regional/local coverage 100 Landsdækkende | Start: 01-01-2011 Expiry: 12-06-2032 Tradeable | |
|  | Hi3G Denmark ApS | 1835 - 1855 MHz (DL) 1740 - 1760 MHz (UL) | TRA-ECS | | Regional/local coverage 100 Landsdækkende | Start: 13-06-2017 Expiry: 12-06-2032 Tradeable | |
|  | TT-Netværket P/S | 1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL) | TRA-ECS | | Regional/local coverage 100 Landsdækkende | Start: 13-06-2017 Expiry: 12-06-2032 Tradeable | |
|  | Mærsk Olie og Gas A/S | 1877.5 - 1877.500001 MHz (DL) 1769.5 - 1769.500001 MHz (UL) | Fixed | | One Transmitter Long:005E0759 Lat:55N2808 | Start: 07-11-2002 Expiry: 31-12-2027 Tradeable | |





2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TDC Mobil A/S | 1900 - 1905 MHz | Land mobile | | National Coverage | Start: 31-10-2001 Expiry: 31-10-2021 Tradeable | |
|  | Telia Mobile AB | 1905 - 1910 MHz | Land mobile | | National Coverage | Start: 31-10-2001 Expiry: 31-10-2021 Tradeable | |
|  | Telenor A/S | 1910 - 1915 MHz | Land mobile | | National Coverage | Start: 19-12-2005 Expiry: 31-10-2021 Tradeable | |
|  | Hi3G Denmark ApS | 1915 - 1920 MHz | Land mobile | | National Coverage | Start: 31-10-2001 Expiry: 31-10-2021 Tradeable | |





2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Hi3G Denmark ApS | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | Land mobile | | National Coverage | Start: 31-10-2001 Expiry: 31-10-2021 Tradeable | |
|  | TDC Mobil A/S | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | Land mobile | | National Coverage | Start: 31-10-2001 Expiry: 31-10-2021 Tradeable | |
|  | Telia Mobile AB | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | Land mobile | | National Coverage | Start: 31-10-2001 Expiry: 31-10-2021 Tradeable | |
|  | Telenor A/S | 2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL) | Land mobile | | National Coverage | Start: 19-12-2005 Expiry: 31-10-2021 Tradeable | |



2.6 GHz Mobile Band


2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TDC A/S | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-06-2010 Expiry: 31-05-2030 Tradeable | |
|  | Hi3G Denmark ApS | 2640 - 2650 MHz (DL) 2520 - 2530 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-06-2010 Expiry: 31-05-2030 Tradeable | |
|  | Telia Nättjänster Norden AB | 2650 - 2670 MHz (DL) 2530 - 2550 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-06-2010 Expiry: 31-05-2030 Tradeable | |
|  | Telenor A/S | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-06-2010 Expiry: 31-05-2030 Tradeable | |

2.6 GHz Mobile Band



2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Hi3G Denmark ApS | 2570 - 2595 MHz | TRA-ECS | | National Coverage | Start: 01-06-2010 Expiry: 31-05-2030 Tradeable | |
|  | Telenor A/S | 2595 - 2605 MHz | TRA-ECS | | National Coverage | Start: 01-06-2010 Expiry: 31-05-2030 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Telia Nättjänster Norden AB | 2605 - 2620 MHz | TRA-ECS | | National Coverage | Start: 01-06-2010 Expiry: 31-05-2030 Tradeable | |

3.5 GHz Band




3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------|----------------------------------------------|-------------|-------------------|-------------------------------------|------------------------------------------------------|----------|
|  | TERACOM A/S | 3510 - 3512 MHz (DL) 3410 - 3412 MHz (UL) | TRA-ECS | | Regional/local coverage Bornholm | Start: 07-02-2014 Expiry: 31-12-2018 Tradeable | |
|  | dasNetz AG | 3580 - 3590 MHz (DL) 3480 - 3490 MHz (UL) | TRA-ECS | | | Start: 08-04-2014 Expiry: 31-12-2018 Tradeable | |

Estonia (2018)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------|
|  | Elisa Eesti AS | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | LTE | National Coverage | Start: 12-08-2013 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |
|  | Telia Eesti AS | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-02-2016 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |
|  | Tele 2 Eesti AS | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | LTE | National Coverage | Start: 08-01-2014 Expiry: 08-01-2030 Tradeable | Licence shall be extended annually |



900 MHz Mobile Band


880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|----------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------|
|  | Elisa Eesti AS | 925.1 - 936.5 MHz (DL) 880.1 - 891.5 MHz (UL) | MFCN | LTE, GSM, UMTS | National Coverage | Start: 08-02-2015 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |
|  | Tele2 Eesti AS | 936.7 - 948.1 MHz (DL) 891.7 - 903.1 MHz (UL) | MFCN | GSM, UMTS, LTE | National Coverage | Start: 08-02-2015 Expiry: 08-01-2030 Tradeable | Licence shall be extended annually |
|  | Telia Eesti AS | 948.3 - 959.7 MHz (DL) 903.3 - 914.7 MHz (UL) | MFCN | GSM, UMTS, LTE | National Coverage | Start: 01-02-2016 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |

1800 MHz Mobile Band





1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------|
|  | Telia Eesti AS | 1805.1 - 1829.9 MHz (DL) 1710.1 - 1734.9 MHz (UL) | MFCN | GSM, UMTS, LTE | National Coverage | Start: 01-02-2016 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |
|  | Tele2 Eesti AS | 1830.1 - 1854.9 MHz (DL) 1735.1 - 1759.9 MHz (UL) | MFCN | GSM, UMTS, LTE | National Coverage | Start: 12-03-2014 Expiry: 27-01-2030 | Licence shall be extended annually |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------|
| | | | | | | Tradeable | |
|  | Elisa Eesti AS | 1855.1 - 1879.9 MHz (DL) 1760.1 - 1784.9 MHz (UL) | MFCN | GSM, UMTS, LTE | National Coverage | Start: 12-03-2014 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |





2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|-------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------|
|  | Elisa Eesti AS | 1900.2 - 1905 MHz | MFCN | UMTS, LTE | National Coverage | Start: 17-01-2013 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |
|  | Telia Eesti AS | 1905.2 - 1910 MHz | MFCN | UMTS, LTE | National Coverage | Start: 01-02-2016 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |
|  | Tele2 Eesti AS | 1910.2 - 1915 MHz | MFCN | UMTS, LTE | National Coverage | Start: 27-01-2013 Expiry: 27-01-2030 Tradeable | Licence shall be extended annually |
|  | Tele2 Eesti AS | 1915.2 - 1920 MHz | MFCN | UMTS, LTE | National Coverage | Start: 04-03-2014 Expiry: 27-01-2030 Tradeable | Licence shall be extended annually |



2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------|
|  | Tele2 Eesti AS | 2110.3 - 2125.3 MHz (DL) 1920.3 - 1935.3 MHz (UL) | MFCN | UMTS, LTE | National Coverage | Start: 04-03-2014 Expiry: 27-01-2030 Tradeable | Licence shall be extended annually |
|  | Tele2 Eesti AS | 2125.3 - 2140.1 MHz (DL) 1935.3 - 1950.1 MHz (UL) | MFCN | UMTS, LTE | National Coverage | Start: 27-01-2006 Expiry: 27-01-2030 Tradeable | Licence shall be extended annually |
|  | Telia Eesti AS | 2140.1 - 2154.9 MHz (DL) 1950.1 - 1964.9 MHz (UL) | MFCN | UMTS, LTE | National Coverage | Start: 01-02-2016 Expiry: 01-02-2030 Tradeable | Licence shall be annually |
|  | Elisa Eesti AS | 2154.9 - 2169.7 MHz (DL) 1964.9 - 1979.7 MHz (UL) | MFCN | UMTS, LTE | National Coverage | Start: 17-01-2006 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |




2300 MHz - 2400 MHz Mobile Band

2300 MHz - 2400 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|------------------------------------|
|  | Tele 2 Eesti AS | 2300 - 2330 MHz | MFCN | | National Coverage | Start: 01-04-2016 Expiry: 27-01-2030 | Licence shall be extended annually |
|  | Tele2 Eesti AS | 2360 - 2390 MHz | MFCN | - | National Coverage | Start: 19-05-2006 Expiry: 19-05-2030 | Licence shall be extended annually |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------|
|  | Elisa Eesti AS | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | MFCN | LTE | National Coverage | Start: 06-01-2011 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |
|  | Telia Eesti AS | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-02-2016 Expiry: 01-02-2030 Tradeable | Licence shall be extended annually |
|  | Elisa Eesti AS | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | MFCN | LTE | National Coverage | Start: 05-06-2017 Expiry: 05-06-2030 Tradeable | Licence shall be extended annually |

3.7 GHz Band

3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------|----------------------------------------------|-------------|-------------------|----------------------------------------------------|------------------------------------------------------|----------|
|  | Levikom Eesti OU | 3785 - 3799 MHz (DL) 3685 - 3699 MHz (UL) | BWA | WiMAX | Regional/local coverage Regional (Harju county) | Start: 15-10-2007 Expiry: 30-04-2019 Tradeable | |

Finland (2018)

700 MHz Mobile Band

694-790 MHz including a paired frequency arrangement (Frequency Division Duplex 2x30 MHz) and an optional unpaired frequency arrangement (Supplemental Downlink)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|---------------------------|------------------------------------------|-------------|-------------------|--------------------------------------------------------------------------|-----------------------------------------|----------|
| + | DNA Ltd. | 758 - 768 MHz (DL) 703 - 713 MHz (UL) | MFCN | LTE | Regional/local coverage National coverage except Province of Åland | Start: 01-02-2017 Expiry: 31-12-2033 | |
| + | Elisa Corporation | 768 - 778 MHz (DL) 713 - 723 MHz (UL) | MFCN | LTE | Regional/local coverage National coverage except Province of Åland | Start: 01-02-2017 Expiry: 31-12-2033 | |
| + | Telia Finland Corporation | 778 - 788 MHz (DL) 723 - 733 MHz (UL) | MFCN | LTE | Regional/local coverage National coverage except Province of Åland | Start: 01-02-2017 Expiry: 31-12-2033 | |

800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|-----------------------------|------------------------------------------|-------------|-------------------|--------------------------------------------------------------------------|-----------------------------------------|----------|
| + | Telia Finland Corporation | 791 - 806 MHz (DL) 832 - 847 MHz (UL) | MFCN | LTE | Regional/local coverage Province of Åland | Start: 03-03-2015 Expiry: 31-12-2033 | |
| + | DNA Ltd. | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | LTE | Regional/local coverage National coverage except Province of Åland | Start: 01-01-2014 Expiry: 31-12-2033 | |
| + | Telia Finland Corporation | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | LTE | Regional/local coverage National coverage except Province of Åland | Start: 01-01-2014 Expiry: 31-12-2033 | |
| + | Ålands Telekommunikation Ab | 806 - 821 MHz (DL) 847 - 862 MHz (UL) | MFCN | LTE | Regional/local coverage Province of Åland | Start: 03-03-2015 Expiry: 31-12-2033 | |
| + | Elisa Corporation | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | LTE | Regional/local coverage National coverage except Province of Åland | Start: 01-01-2014 Expiry: 31-12-2033 | |

900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|----------|--------------------------------------------------|------------------|-------------------|-------------------|-----------------------------------------|----------|
| + | DNA Ltd. | 925.1 - 936.7 MHz (DL) 880.1 - 891.7 MHz (UL) | Digital cellular | GSM, UMTS | National Coverage | Start: 01-11-2007 Expiry: 31-12-2019 | |

1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|-----------------------------|------------------------------------------------------|------------------|-------------------|----------------------------------------------|-----------------------------------------|----------|
| + | Telia Finland Corporation | 1829.9 - 1842.4 MHz (DL) 1734.9 - 1747.4 MHz (UL) | Digital cellular | GSM, UMTS, LTE | Regional/local coverage Province of Åland | Start: 03-03-2015 Expiry: 31-12-2033 | |
| + | DNA Ltd. | 1830.1 - 1854.9 MHz (DL) 1735.1 - 1759.9 MHz (UL) | Digital cellular | GSM, UMTS, LTE | National Coverage | Start: 09-07-2009 Expiry: 18-03-2019 | |
| + | Ålands Telekommunikation Ab | 1842.5 - 1880 MHz (DL) 1747.5 - 1785 MHz (UL) | Digital cellular | GSM, UMTS, LTE | Regional/local coverage Province of Åland | Start: 03-03-2015 Expiry: 31-12-2033 | |

2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|-----------------------------|-------------------|-------------|------------------------------------------------------|----------------------------------------------|-----------------------------------------|----------|
| + | Telia Finland Corporation | 1900 - 1904.8 MHz | IMT | UMTS, UMTS/W- CDMA, UMTS/ HSPA, UMTS/HSPA + | National Coverage | Start: 13-06-2003 Expiry: 18-03-2019 | |
| + | DNA Ltd. | 1905 - 1909.8 MHz | IMT | UMTS, UMTS/W- CDMA, UMTS/ HSPA, UMTS/HSPA + | National Coverage | Start: 02-07-2003 Expiry: 18-03-2019 | |
| + | Elisa Corporation | 1910 - 1914 MHz | IMT | UMTS, UMTS/W- CDMA, UMTS/ HSPA, UMTS/HSPA + | Regional/local coverage Province of Åland | Start: 02-09-2004 Expiry: 18-03-2019 | |
| + | Ålands Telekommunikation Ab | 1915 - 1919.8 MHz | IMT | UMTS, UMTS/W- CDMA, UMTS/ HSPA, UMTS/HSPA + | Regional/local coverage Province of Åland | Start: 22-10-2001 Expiry: 18-03-2019 | |
| + | Elisa Corporation | 1915 - 1919.8 MHz | IMT | UMTS, UMTS/W- CDMA, UMTS/ HSPA, UMTS/HSPA + | National Coverage | Start: 02-09-2004 Expiry: 18-03-2019 | |

2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|-----------------------------|------------------------------------------------------|-------------|-------------------------------------------|----------------------------------------------|-----------------------------------------|----------|
| + | Ålands Telekommunikation Ab | 2110.3 - 2135.3 MHz (DL) 1920.3 - 1935.3 MHz (UL) | IMT | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA + | Regional/local coverage Province of Åland | Start: 22-10-2001 Expiry: 18-03-2019 | |
| + | Elisa Corporation | 2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL) | IMT | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA + | National Coverage | Start: 02-09-2004 Expiry: 18-03-2019 | |
| + | Elisa Corporation | 2125.3 - 2140 MHz (DL) 1935.3 - 1950.1 MHz (UL) | IMT | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA + | Regional/local coverage Province of Åland | Start: 02-09-2004 Expiry: 18-03-2019 | |
| + | DNA Ltd. | 2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL) | IMT | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA + | National Coverage | Start: 02-07-2003 Expiry: 18-03-2019 | |
| + | Telia Finland Corporation | 2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL) | IMT | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA + | National Coverage | Start: 13-06-2003 Expiry: 18-03-2019 | |

2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|---------------------------------|----------------------------------------------|-------------|-------------------|----------------------------------------------|------------------------------------------------------|----------|
| + | DNA Ltd. | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | | National Coverage | Start: 17-02-2010 Expiry: 16-02-2029 Tradeable | LTE |
| + | Telia Finland Corporation | 2620 - 2625 MHz (DL) 2500 - 2505 MHz (UL) | TRA-ECS | LTE | Regional/local coverage Province of Åland | Start: 03-03-2015 Expiry: 31-12-2033 | |
| + | Ålands Telekommunikation Ab | 2625 - 2630 MHz (DL) 2505 - 2510 MHz (UL) | TRA-ECS | LTE | Regional/local coverage Province of Åland | Start: 03-03-2015 Expiry: 31-12-2033 | |
| + | TeliaSonera Finland Corporation | 2630 - 2660 MHz (DL) 2510 - 2540 MHz (UL) | TRA-ECS | LTE | Regional/local coverage Province of Åland | Start: 03-03-2015 Expiry: 31-12-2033 | |
| + | Telia Finland Corporation | 2640 - 2665 MHz (DL) 2520 - 2545 MHz (UL) | TRA-ECS | | National Coverage | Start: 17-02-2010 Expiry: 16-02-2029 | LTE |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|-----------------------------|----------------------------------------------|-------------|-------------------|----------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
| + | Ålands Telekommunikation Ab | 2660 - 2690 MHz (DL) 2540 - 2570 MHz (UL) | TRA-ECS | LTE | Regional/local coverage Province of Åland | Start: 03-03-2015 Expiry: 31-12-2033 | |
| + | Elisa Corporation | 2665 - 2690 MHz (DL) 2545 - 2570 MHz (UL) | TRA-ECS | | National Coverage | Start: 17-02-2010 Expiry: 16-02-2029 Tradeable | LTE |

2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|-----------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
| + | Ukkoverkot Ltd. | 2570 - 2620 MHz | TRA-ECS | | National Coverage | Start: 01-10-2014 Expiry: 16-02-2029 Tradeable | LTE |

3.5 GHz Band

3400-3600 MHz





| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|-------------------------|----------------------------------------------|-------------|-------------------|---------------------------------------------------|-----------------------------------------|----------|
| + | Kuuselan Paja Oy Netsor | 3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 22-10-2004 Expiry: 31-12-2018 | |
| + | Kemiön Puhelin Oy | 3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 31-05-2005 Expiry: 31-12-2018 | |
| + | Suomi Communications Oy | 3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 28-02-2006 Expiry: 31-12-2018 | |
| + | Bothnia Broadband AB | 3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 30-06-2006 Expiry: 31-12-2018 | |
| + | Elisa Corporation | 3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional, Kokkola area | Start: 07-11-2006 Expiry: 31-12-2018 | |
| + | Kaisanet Oy | 3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 22-03-2011 Expiry: 31-12-2018 | |
| + | Ab Närpes Dynamo Net Oy | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 12-06-2003 Expiry: 31-12-2018 | |
| + | Skärgårdsnäten Ab | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 31-08-2004 Expiry: 31-12-2018 | |
| + | Gumbo Infra OY/AB | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 11-04-2007 Expiry: 31-12-2018 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---|----------------------|--------------------------------------------------------------|-------------|-------------------|-------------------------------------|-----------------------------------------|----------|
| + | Mikael Engberg AB Oy | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 30-01-2009 Expiry: 31-12-2018 | |
| + | Nivos Energia Oy | 3566 - 3590 MHz (DL) 3466 - 3490 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 04-06-2003 Expiry: 31-12-2018 | |
| + | Haminan Energia Oy | 3566 - 3590 MHz (DL) 3466 - 3490 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 30-06-2006 Expiry: 31-12-2018 | |
| + | Karis Telefon Ab | 3566 - 3590 MHz (DL) 3466 - 3490 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 14-07-2006 Expiry: 31-12-2018 | |
| + | Kuopion Energia Oy | 3566 - 3590 MHz (DL) 3466 - 3490 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 04-05-2016 Expiry: 31-12-2018 | |
| + | Oy KD-Soft Ab | 3570.375 - 3589.625 MHz (DL) 3470.375 - 3489.625 MHz (UL) | Fixed | WiMAX | Regional/local coverage Regional | Start: 12-10-2000 Expiry: 31-12-2018 | |

France (2016)




700 MHz Mobile Band

694-790 MHz including a paired frequency arrangement (Frequency Division Duplex 2x30 MHz) and an optional unpaired frequency arrangement (Supplemental Downlink)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|  | Société Française du Radiotéléphone | 758 - 763 MHz (DL) 703 - 708 MHz (UL) | MFCN | | National Coverage | Start: 08-12-2015 Expiry: 08-12-2035 Tradeable | http://www.arcep.fr/uploads/tx_gsavis/15-1569.pdf |
|  | Orange | 763 - 773 MHz (DL) 708 - 718 MHz (UL) | MFCN | | National Coverage | Start: 08-12-2015 Expiry: 08-12-2035 Tradeable | http://www.arcep.fr/uploads/tx_gsavis/15-1568.pdf |
|  | Bouygues Telecom | 773 - 778 MHz (DL) 718 - 723 MHz (UL) | MFCN | | National Coverage | Start: 08-12-2015 Expiry: 08-12-2035 Tradeable | http://www.arcep.fr/uploads/tx_gsavis/15-1566.pdf |
|  | Free Mobile | 778 - 788 MHz (DL) 723 - 733 MHz (UL) | MFCN | | National Coverage | Start: 08-12-2015 Expiry: 08-12-2035 Tradeable | http://www.arcep.fr/uploads/tx_gsavis/15-1567.pdf |





800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Bouygues Telecom | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | LTE | National Coverage | Start: 17-01-2012 Expiry: 17-01-2032 Tradeable | |
|  | Société Française du Radiotéléphone | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | LTE | National Coverage | Start: 17-01-2012 Expiry: 17-01-2032 Tradeable | |
|  | Orange | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | LTE | National Coverage | Start: 17-01-2012 Expiry: 17-01-2032 Tradeable | |






900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------|-------------|------------------------------------------|-------------------|------------------------------------------------------|----------|
|  | Bouygues Telecom | 925.1 - 934.9 MHz (DL) 880.1 - 889.9 MHz (UL) | MFCN | GSM and UMTS (GSM currently deployed) | National Coverage | Start: 09-12-2009 Expiry: 08-12-2024 Tradeable | |
|  | Orange | 934.9 - 944.9 MHz (DL) 889.9 - 899.9 MHz (UL) | MFCN | GSM and UMTS | National Coverage | Start: 25-03-2006 Expiry: 24-03-2021 Tradeable | |
|  | Free Mobile | 944.9 - 949.9 MHz (DL) 899.9 - 904.9 MHz (UL) | MFCN | GSM and UMTS | National Coverage | Start: 12-01-2010 Expiry: 11-01-2030 Tradeable | |
|  | Société Française du Radiotéléphone | 949.9 - 959.9 MHz (DL) 904.9 - 914.9 MHz (UL) | MFCN | UMTS | National Coverage | Start: 25-03-2006 Expiry: 24-03-2021 Tradeable | |


1800 MHz Mobile Band



1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------------------------------------------|
|  | Société Française du Radiotéléphone | 1805.1 - 1807.9 MHz (DL) 1710.1 - 1712.9 MHz (UL) | MFCN | | National Coverage | Start: 25-03-2006 Expiry: 24-03-2021 Tradeable | |
|  | Orange | 1808.1 - 1831.9 MHz (DL) 1713.1 - 1736.9 MHz (UL) | MFCN | | National Coverage | Start: 25-03-2006 Expiry: 24-03-2021 Tradeable | |
|  | Société Française du Radiotéléphone | 1832.1 - 1853.1 MHz (DL) 1737.1 - 1758.1 MHz (UL) | MFCN | | National Coverage | Start: 25-03-2006 Expiry: 24-03-2021 Tradeable | |
|  | Free mobile | 1853.3 - 1858.3 MHz (DL) 1758 - 1763 MHz (UL) | MFCN | | National Coverage | Start: 01-01-2015 Expiry: 11-10-2031 Tradeable | See ARCEP decision n° 2014-1542 (16 december 2014) |
|  | Bouygues Telecom | 1858.3 - 1879.9 MHz (DL) 1763.3 - 1784.9 MHz (UL) | MFCN | GSM and LTE | National Coverage | Start: 01-01-2015 Expiry: 11-10-2031 Tradeable | |

2 GHz Mobile Band







1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------|---------------------|-------------|-------------------------|-------------------|-----------------------------------------|----------|
|  | Bouygues Telecom | 1900.1 - 1905.1 MHz | MFCN | UMTS-TDD (not deployed) | National Coverage | Start: 12-12-2002 Expiry: 11-12-2022 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------------|---------------------|-------------|-------------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Orange | 1910.1 - 1915.1 MHz | MFCN | UMTS-TDD (not deployed) | National Coverage | Start: 21-08-2001 Expiry: 20-08-2021 Tradeable | |
|  | Société Française du radiotéléphone | 1915.1 - 1920.1 MHz | MFCN | UMTS-TDD (not deployed) | National Coverage | Start: 21-08-2001 Expiry: 20-08-2021 Tradeable | |


2 GHz Mobile Band




1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Société Française du Radiotéléphone | 2110.5 - 2125.3 MHz (DL) 1920.5 - 1935.3 MHz (UL) | MFCN | UMTS-FDD | National Coverage | Start: 21-08-2001 Expiry: 20-08-2021 Tradeable | |
|  | Bouygues Telecom | 2125.3 - 2140.1 MHz (DL) 1935.3 - 1950.1 MHz (UL) | MFCN | UMTS-FDD | National Coverage | Start: 12-12-2002 Expiry: 11-12-2022 Tradeable | |
|  | Orange | 2140.1 - 2144.9 MHz (DL) 1950.1 - 1954.9 MHz (UL) | MFCN | UMTS-FDD | National Coverage | Start: 08-06-2010 Expiry: 07-06-2030 Tradeable | |
|  | Free Mobile | 2144.9 - 2149.9 MHz (DL) 1954.9 - 1959.9 MHz (UL) | MFCN | UMTS-FDD | National Coverage | Start: 12-01-2010 Expiry: 11-01-2030 Tradeable | |
|  | Société Française du Radiotéléphone | 2149.9 - 2154.9 MHz (DL) 1959.9 - 1964.9 MHz (UL) | MFCN | UMTS-FDD | National Coverage | Start: 08-06-2010 Expiry: 07-06-2030 Tradeable | |
|  | Orange | 2154.9 - 2169.7 MHz (DL) 1964.9 - 1979.7 MHz (UL) | MFCN | UMTS-FDD | National Coverage | Start: 21-08-2001 Expiry: 20-08-2021 Tradeable | |

2.6 GHz Mobile Band













2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-----------------------|
|  | Société Française du Radiotéléphone | 2620 - 2635 MHz (DL) 2500 - 2515 MHz (UL) | MFCN | | National Coverage | Start: 10-10-2011 Expiry: 10-10-2031 Tradeable | See annex 2008/477/CE |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-----------------------|
|  | Orange | 2635 - 2655 MHz (DL) 2515 - 2535 MHz (UL) | MFCN | | National Coverage | Start: 10-10-2011 Expiry: 10-10-2031 Tradeable | See annex 2008/477/CE |
|  | Bouygues Telecom | 2655 - 2670 MHz (DL) 2535 - 2550 MHz (UL) | MFCN | | National Coverage | Start: 10-10-2011 Expiry: 10-10-2031 Tradeable | See annex 2008/477/CE |
|  | Free Mobile | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | MFCN | | National Coverage | Start: 10-10-2011 Expiry: 10-10-2031 Tradeable | See annex 2008/477/CE |

3.5 GHz Band

3400-3600 MHz
















| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------|---------------------|-------------|-------------------|-------------------------------------------------------|---------------------------------|----------|
|  | Altitude Infrastructure | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Bretagne (Ille-et-Vilaine) | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Midi-Pyrénées | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Rhône-Alpes | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Alsace | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Auvergne | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Basse-Normandie | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Centre | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Champagne-Ardenne | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Franche-Comté | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Haute-Normandie | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Limousin | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Lorraine | Expiry: 24-07-2026 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------------|---------------------|-------------|-------------------|-------------------------------------------------------------------------|---------------------------------|----------|
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Nord-Pas-de-Calais | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Pays de la Loire | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Poitou-Charentes | Expiry: 24-07-2026 Tradeable | |
|  | Collectivité Territoriale de Corse | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Corse | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général de la Dordogne | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Aquitaine (Dordogne) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général des Côtes d'Armor | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Bretagne (Côtes d'Armor) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général des Pyrénées-Atlantique | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Aquitaine (Pyrénées-Atlantique) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général du Finistère | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Bretagne (Finistère) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général du Lot-et-Garonne | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Aquitaine (Lot-et-Garonne) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Régional Bourgogne | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Bourgogne (Côte-d'Or, Saône-et-Loire, Yonne) | Expiry: 24-07-2026 Tradeable | |
|  | Nomotech SAS | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Bretagne (Morbihan) | Expiry: 24-07-2026 Tradeable | |
|  | Société du Haut Débit | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Ile-de-France | Expiry: 24-07-2026 Tradeable | |
|  | Société du Haut Débit | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Provence-Alpes-Côte d'Azur | Expiry: 24-07-2026 Tradeable | |
|  | Syndicat Mixte NiverLAN | 3432.5 - 3447.5 MHz | Fixed | | Regional/local coverage Bourgogne (Nièvre) | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Auvergne | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Basse-Normandie | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Centre | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Champagne-Ardenne | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage | Expiry: 24-07-2026 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------|-----------------|-------------|-------------------|----------------------------------------------------------------|---------------------------------|----------|
| | | | | | Franche-Comté | Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Haute-Normandie | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Lorraine | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Nord-Pas-de-Calais | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Pays de la Loire | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3465 - 3480 MHz | Fixed | | Regional/local coverage Poitou-Charentes (Deux- Sèvres) | Expiry: 24-07-2026 Tradeable | |
|  | Axione | 3465 - 3480 MHz | Fixed | | Regional/local coverage Limousin | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Aquitaine | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Bourgogne | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Bretagne | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Corse | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Ile-de-France | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Languedoc-Roussillon | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Midi-Pyrénées | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Picardie | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Provence-Alpes-Côte d'Azur | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3465 - 3480 MHz | Fixed | | Regional/local coverage Rhône-Alpes | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général du Bas-Rhin | 3465 - 3480 MHz | Fixed | | Regional/local coverage Alsace (Bas-Rhin) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général du Haut-Rhin | 3465 - 3480 MHz | Fixed | | Regional/local coverage Alsace (Haut-Rhin) | Expiry: 24-07-2026 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------------|---------------------|-------------|-------------------|------------------------------------------------------------------------|------------------------------|----------|
|  | Conseil Régional Poitou-Charente | 3465 - 3480 MHz | Fixed | | Regional/local coverage Poitou-Charentes (Charente-Maritime et Vienne) | Expiry: 24-07-2026 Tradeable | |
|  | Département de la Charente | 3465 - 3480 MHz | Fixed | | Regional/local coverage Poitou-Charentes (Charente) | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Infrastructure | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Bretagne (Ille-et-Vilaine) | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Midi-Pyrénées | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Rhône-Alpes | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Alsace | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Auvergne | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Basse-Normandie | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Centre | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Champagne-Ardenne | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Franche-Comté | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Haute-Normandie | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Limousin | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Lorraine | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Nord-Pas-de-Calais | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Pays de la Loire | Expiry: 24-07-2026 Tradeable | |
| | Bolloré Télécom | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Poitou-Charentes | Expiry: 24-07-2026 Tradeable | |
| | Collectivité Territoriale de Corse | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Corse | Expiry: 24-07-2026 Tradeable | |
| | Conseil Général de la Dordogne | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Aquitaine (Dordogne) | Expiry: 24-07-2026 Tradeable | |



| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------------|---------------------|-------------|-------------------|-------------------------------------------------------------------------|---------------------------------|----------|
|  | Conseil Général des Côtes d'Armor | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Bretagne (Côtes d'Armor) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général des Pyrénées-Atlantique | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Aquitaine (Pyrénées-Atlantique) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général du Finistère | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Bretagne (Finistère) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général du Lot-et-Garonne | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Aquitaine (Lot-et-Garonne) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Régional Bourgogne | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Bourgogne (Côte-d'Or, Saône-et-Loire, Yonne) | Expiry: 24-07-2026 Tradeable | |
|  | Nomotech SAS | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Bretagne (Morbihan) | Expiry: 24-07-2026 Tradeable | |
|  | Société du Haut Débit | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Ile-de-France | Expiry: 24-07-2026 Tradeable | |
|  | Société du Haut Débit | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Provence-Alpes-Côte d'Azur | Expiry: 24-07-2026 Tradeable | |
|  | Syndicat Mixte NiverLAN | 3532.5 - 3547.5 MHz | Fixed | | Regional/local coverage Bourgogne (Nièvre) | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Auvergne | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Basse-Normandie | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Centre | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Champagne-Ardenne | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Franche-Comté | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Haute-Normandie | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Lorraine | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Nord-Pas-de-Calais | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage Pays de la Loire | Expiry: 24-07-2026 Tradeable | |
|  | Altitude Wireless | 3565 - 3580 MHz | Fixed | | Regional/local coverage | Expiry: 24-07-2026 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------|-----------------|-------------|-------------------|---------------------------------------------------------------------------|---------------------------------|----------|
| | | | | | Poitou-Charentes (Deux-Sèvres) | | |
|  | Axione | 3565 - 3580 MHz | Fixed | | Regional/local coverage Limousin | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Aquitaine | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Bourgogne | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Bretagne | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Corse | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Ile-de-France | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Languedoc-Roussillon | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Midi-Pyrénées | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Picardie | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Provence-Alpes-Côte d'Azur | Expiry: 24-07-2026 Tradeable | |
|  | Bolloré Télécom | 3565 - 3580 MHz | Fixed | | Regional/local coverage Rhône-Alpes | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général du Bas-Rhin | 3565 - 3580 MHz | Fixed | | Regional/local coverage Alsace (Bas-Rhin) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Général du Haut-Rhin | 3565 - 3580 MHz | Fixed | | Regional/local coverage Alsace (Haut-Rhin) | Expiry: 24-07-2026 Tradeable | |
|  | Conseil Régional Poitou-Charente | 3565 - 3580 MHz | Fixed | | Regional/local coverage Poitou-Charentes (Charente-Maritime et Vienne) | Expiry: 24-07-2026 Tradeable | |
|  | Département de la Charente | 3565 - 3580 MHz | Fixed | | Regional/local coverage Poitou-Charentes (Charente) | Expiry: 24-07-2026 Tradeable | |

Georgia (2017)



800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Magticom Ltd. | 801 - 806 MHz (DL) 842 - 847 MHz (UL) | MFCN | LTE | National Coverage | Start: 02-06-2016 Expiry: 02-06-2031 Tradeable | |
|  | Mobitel Ltd. | 806 - 816 MHz (DL) 847 - 857 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 Tradeable | |





900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------|----------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Mobitel Ltd. | 929.5 - 934.99 MHz (DL) 884.5 - 889.99 MHz (UL) | IMT | GSM, UMTS | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 Tradeable | |
|  | Geocell Ltd. | 935 - 946.8 MHz (DL) 890 - 901.8 MHz (UL) | IMT | GSM, UMTS | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 Tradeable | |

1800 MHz Mobile Band





1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Geocell Ltd. | 1805 - 1820 MHz (DL) 1710 - 1725 MHz (UL) | IMT | GSM, LTE | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 Tradeable | |
|  | Geocell Ltd. | 1820.1 - 1835 MHz (DL) 1725.1 - 1740 MHz (UL) | IMT | GSM, LTE | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 Tradeable | |
|  | Magticom Ltd. | 1835.1 - 1865 MHz (DL) 1740.1 - 1770 MHz (UL) | IMT | GSM, LTE | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 Tradeable | |
|  | Mobitel Ltd. | 1870 - 1880 MHz (DL) 1775 - 1785 MHz (UL) | IMT | GSM, LTE | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 | |

| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------|-------------|-------------|-------------------|----------|-----------------------|----------|
| | | | | | Tradeable | |



2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  Mobitel Ltd. | 2115 - 2120 MHz (DL) 1925 - 1930 MHz (UL) | MFCN | UMTS | National Coverage | Start: 29-12-2016 Expiry: 29-12-2031 Tradeable | |
|  Mobitel Ltd. | 2120 - 2125 MHz (DL) 1930 - 1935 MHz (UL) | MFCN | UMTS | National Coverage | Start: 29-12-2016 Expiry: 29-12-2031 Tradeable | |
|  Magticom Ltd. | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | MFCN | UMTS | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 Tradeable | |
|  Geocell Ltd. | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | MFCN | UMTS | National Coverage | Start: 01-02-2015 Expiry: 01-02-2030 Tradeable | |

2300 MHz - 2400 MHz Mobile Band




2300 MHz - 2400 MHz

| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------------------|-----------------|-------------|-------------------|------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Silknet LLC | 2300 - 2350 MHz | MFCN | LTE | Regional/local coverage Tbilisi | Start: 05-05-2016 Expiry: 05-05-2026 Tradeable | Precise licensed frequencies: 2299-2350 MHz |
|  Silknet LLC | 2300 - 2350 MHz | MFCN | LTE | National Coverage | Start: 18-01-2017 Expiry: 18-01-2027 Tradeable | except for Tbilisi, Kutaisi, Samtredia, Vani, Bagdati, Tkibuli, Kharagauli, Satchkhere, Tchiatura, Tsageri, Ambrol. Martvili, Senaki, Abasha, Terjola, Zestap., Khoni, and Autonomous Rep. of Abkhazia |

Germany (2017)




700 MHz Mobile Band

694-790 MHz including a paired frequency arrangement (Frequency Division Duplex 2x30 MHz) and an optional unpaired frequency arrangement (Supplemental Downlink)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Telefónica Germany GmbH & Co. OHG | 758 - 768 MHz (DL) 703 - 713 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2017 Expiry: 31-12-2033 | MFCN |
|  | Telekom Deutschland GmbH | 768 - 778 MHz (DL) 713 - 723 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2017 Expiry: 31-12-2033 | MFCN |
|  | Vodafone GmbH | 778 - 788 MHz (DL) 723 - 733 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2017 Expiry: 31-12-2033 | MFCN |




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Telefónica Germany GmbH & Co. OHG | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 03-03-2011 Expiry: 31-12-2025 | MFCN |
|  | Vodafone GmbH | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 20-09-2010 Expiry: 31-12-2025 | MFCN |
|  | Telekom Deutschland GmbH | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 20-09-2010 Expiry: 31-12-2025 | MFCN |



900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Telefónica Germany GmbH & Co. OHG | 925 - 935 MHz (DL) 880 - 890 MHz (UL) | TRA-ECS | GSM, LTE, UMTS | National Coverage | Start: 15-07-2016 Expiry: 31-12-2033 | MFCN |
|  | Vodafone GmbH | 935 - 945 MHz (DL) 890 - 900 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 27-07-2016 Expiry: 31-12-2033 | MFCN |
|  | Telekom Deutschland GmbH | 945 - 960 MHz (DL) 900 - 915 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 15-07-2016 Expiry: 31-12-2033 | MFCN |







1452 MHz - 1492 MHz Mobile Band Supplemental Downlink

1452-1492 MHz for Mobile/Fixed Communications Networks Supplemental Downlink (MFCN SDL)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Telekom Deutschland GmbH | 1452 - 1472 MHz | TRA-ECS | | National Coverage | Start: 01-01-2017 Expiry: 31-12-2033 | MFCN |
|  | Vodafone GmbH | 1472 - 1492 MHz | TRA-ECS | | National Coverage | Start: 15-01-2016 Expiry: 31-12-2033 | MFCN |





1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Telekom Deutschland GmbH | 1805 - 1820 MHz (DL) 1710 - 1725 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 21-07-2010 Expiry: 31-12-2025 | MFCN |
|  | Telekom Deutschland GmbH | 1820 - 1835 MHz (DL) 1725 - 1740 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 29-06-2016 Expiry: 31-12-2033 | MFCN |
|  | Telefónica Germany GmbH & Co. OHG | 1835 - 1845 MHz (DL) 1740 - 1750 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 08-12-2015 Expiry: 31-12-2025 | MFCN |
|  | Telefónica Germany GmbH & Co. OHG | 1845 - 1855 MHz (DL) 1750 - 1760 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 25-05-2016 Expiry: 31-12-2033 | MFCN |
|  | Vodafone GmbH | 1855 - 1875 MHz (DL) 1760 - 1780 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 15-01-2016 Expiry: 31-12-2033 | MFCN |
|  | Vodafone GmbH | 1875 - 1880 MHz (DL) 1780 - 1785 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 08-10-2015 Expiry: 31-12-2033 | MFCN |









2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|---------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Telefónica Germany GmbH & Co. OHG | 1900.1 - 1905.1 MHz | TRA-ECS | | National Coverage | Start: 01-01-2010 Expiry: 31-12-2025 | MFCN |
|  | E-Plus Mobilfunk GmbH | 1905.1 - 1910.1 MHz | TRA-ECS | | National Coverage | Start: 31-07-2009 Expiry: 31-12-2020 | MFCN |
|  | Telekom Deutschland GmbH | 1910.1 - 1915.1 MHz | TRA-ECS | | National Coverage | Start: 21-12-2001 Expiry: 31-12-2020 | MFCN |
|  | Vodafone GmbH | 1915.1 - 1920.1 MHz | TRA-ECS | | National Coverage | Start: 21-01-2002 Expiry: 31-12-2020 | MFCN |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Vodafone GmbH | 2110.3 - 2120.2 MHz (DL) 1920.3 - 1930.2 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 21-01-2002 Expiry: 31-12-2020 | MFCN |
|  | Vodafone GmbH | 2120.2 - 2125.15 MHz (DL) 1930.2 - 1935.15 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 21-07-2010 Expiry: 31-12-2025 | MFCN |
|  | Erste MVV Mobilfunk Vermögensverwaltungs GmbH | 2125.15 - 2130.1 MHz (DL) 1935.15 - 1940.1 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 21-07-2010 Expiry: 31-12-2025 | MFCN |
|  | E-Plus Mobilfunk GmbH | 2130.1 - 2140 MHz (DL) 1940.1 - 1950 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 07-02-2002 Expiry: 31-12-2020 | MFCN |
|  | Erste MVV Mobilfunk Vermögensverwaltungs GmbH | 2140 - 2144.95 MHz (DL) 1950 - 1954.95 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 21-07-2010 Expiry: 31-12-2025 | MFCN |
|  | Telefónica Germany GmbH & Co. OHG | 2144.95 - 2149.9 MHz (DL) 1954.95 - 1959.9 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 21-07-2010 Expiry: 31-12-2025 | MFCN |
|  | Telefónica Germany GmbH & Co. OHG | 2149.9 - 2159.8 MHz (DL) 1959.9 - 1969.8 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 22-05-2002 Expiry: 31-12-2020 | MFCN |
|  | Telekom Deutschland GmbH | 2159.8 - 2169.7 MHz (DL) 1969.8 - 1979.7 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 21-12-2001 Expiry: 31-12-2020 | MFCN |



2 GHz Mobile Band



2010-2025 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|---------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Telefónica Germany GmbH & Co. OHG | 2010.5 - 2024.7 MHz | TRA-ECS | | National Coverage | Start: 01-01-2010 Expiry: 31-12-2025 | MFCN |

2.6 GHz Mobile Band





2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Vodafone GmbH | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 27-12-2010 Expiry: 31-12-2025 | MFCN |
|  | Telekom Deutschland GmbH | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 20-10-2010 Expiry: 31-12-2025 | MFCN |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Erste MVV Mobilfunk Vermögensverwaltungs GmbH | 2660 - 2670 MHz (DL) 2540 - 2550 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 20-10-2010 Expiry: 31-12-2025 | MFCN |
|  | Telefónica Germany GmbH & Co. OHG | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 03-03-2011 Expiry: 31-12-2025 | MFCN |







2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Erste MVV Mobilfunk Vermögensverwaltungs GmbH | 2570 - 2580 MHz | TRA-ECS | LTE | National Coverage | Start: 20-10-2010 Expiry: 31-12-2025 | MFCN |
|  | Vodafone GmbH | 2580 - 2605 MHz | TRA-ECS | | National Coverage | Start: 01-01-2010 Expiry: 31-12-2025 | MFCN |
|  | Telekom Deutschland GmbH | 2605 - 2610 MHz | TRA-ECS | | National Coverage | Start: 20-10-2010 Expiry: 31-12-2025 | MFCN |
|  | Telefónica Germany GmbH & Co. OHG | 2610 - 2620 MHz | TRA-ECS | | National Coverage | Start: 28-02-2011 Expiry: 31-12-2025 | MFCN |

3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------|----------------------------------------------|-------------|-------------------------------|--------------------------------------------------|------------------------------------------------------|----------|
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Schleswig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Hamburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Weser-Ems | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Bremen/Lüneburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Hannover/Braunschweig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Mecklenburg | Start: 01-03-2007 Expiry: 31-12-2021 | MFCN |















| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------|----------------------------------------------|-------------|-------------------------------|-----------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Vorpommern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage KÖln/DÜsseldorf | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Detmold/Arnsberg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage MÜNster | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Sachsen/Anhalt | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Berlin/Brandenburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Trier/Koblenz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Saarland/Pfalz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Rhein/Main | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Kassel/Gießen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage ThÜringen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Halle/Leipzig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Dresden/Lausitz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Chemnitz | Start: 01-03-2007 Expiry: 31-12-2021 | MFCN |















| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------|----------------------------------------------|-------------|-------------------------------|--------------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Stuttgart/Karlsruhe | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Freiburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Tübingen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Franken | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Oberpfalz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Schwaben | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Oberbayern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Connect | 3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Niederbayern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Schleswig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Hamburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Weser-Ems | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Bremen/Lüneburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Hannover/Braunschweig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Mecklenburg | Start: 01-03-2007 Expiry: 31-12-2021 | MFCN |















| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------|----------------------------------------------|-------------|-------------------------------|-----------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Vorpommern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage KÖln/DÜsseldorf | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Detmold/Arnsberg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage MÜNster | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Sachsen/Anhalt | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Berlin/Brandenburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Trier/Koblenz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Saarland/Pfalz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Rhein/Main | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Kassel/Gießen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage ThÜringen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Halle/Leipzig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Dresden/Lausitz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Chemnitz | Start: 01-03-2007 Expiry: 31-12-2021 | MFCN |


| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|-------------|-------------------------------|--------------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Stuttgart/Karlsruhe | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Freiburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Tübingen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Franken | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Oberpfalz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Schwaben | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Oberbayern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | WiMee-Plus | 3531 - 3552 MHz (DL) 3431 - 3452 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD), LTE (TDD) | Regional/local coverage Niederbayern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Schleswig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Hamburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Weser-Ems | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Bremen/Lüneburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Hannover/Braunschweig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Mecklenburg | Start: 01-03-2007 Expiry: 31-12-2021 | MFCN |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|-------------|-------------------|------------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Vorpommern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage KÖln/DÜsseldorf | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Detmold/Arnsberg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage MÜNster | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Sachsen/Anhalt | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Berlin/Brandenburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Trier/Koblenz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Rhein/Main | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Kassel/Gießßen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage ThÜringen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Halle/Leipzig | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Dresden/Lausitz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Chemnitz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Stuttgart/Karlsruhe | Start: 01-03-2007 Expiry: 31-12-2021 | MFCN |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------|-------------|-------------------|------------------------------------------------|------------------------------------------------------|----------------------------|
| | | | | | | Tradeable | |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Freiburg | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Tübingen | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Franken | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Oberpfalz | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Schwaben | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Oberbayern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | DBD Deutsche Breitband Dienste GmbH | 3552 - 3573 MHz (DL) 3452 - 3473 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Niederbayern | Start: 01-03-2007 Expiry: 31-12-2021 Tradeable | MFCN |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Sachsen G004 | Start: 24-10-2005 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Berlin G001 | Start: 24-10-2005 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Mecklenb-Vorp G101 | Start: 25-11-2005 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Mecklenb-Vorp G003 | Start: 25-11-2005 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Sachsen G003 | Start: 25-11-2005 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Sachsen G008 | Start: 25-11-2005 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Sachsen-Anhalt G101 | Start: 25-11-2005 Expiry: 31-12-9999 | MFCN; Licence not limited! |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------|-------------|-------------------|---------------------------------------------|------------------------------------------------------|----------------------------|
| | | | | | | Tradeable | |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Sachsen-Anhalt G005 | Start: 25-11-2005 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage ThÜringen G001 | Start: 25-11-2005 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Baden-Würt G002 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Baden-Würt G102 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Bayern G010 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Bayern G015 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Bayern G106 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Bremen G001 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Bremen G002 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Niedersachsen G010 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Niedersachsen G012 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Niedersachsen G103 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage NR-Westfalen G101 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage NR-Westfalen G104 | Start: 24-02-2006 Expiry: 31-12-9999 | MFCN; Licence not limited! |




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------------------------------------|------------------------------------------------------|----------------------------|
| | | | | | | Tradeable | |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage NR-Westfalen G106 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Schleswig-Holst G101 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Schleswig-Holst G003 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Schleswig-Holst G102 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Schleswig-Holst G103 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Erlangen-Höchst G200 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Forchheim G200 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Baden-Würt G006 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Lippe G200 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Zollernalbkreis G200 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Schwäbisch-Hall G200 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Baden-Würt G012 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Hohenlohekreis G200 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Kitzingen G200 | Start: 24-02-2006 Expiry: 31-12-9999 | MFCN; Licence not limited! |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------------------------------|------------------------------------------------------|----------------------------|
| | | | | | | Tradeable | |
|  | German Networks UK Ltd. c/o DBD Deutsche Breitbanddienste GmbH | 3573 - 3594 MHz (DL) 3473 - 3494 MHz (UL) | TRA-ECS | WiMAX (FDD/TDD) | Regional/local coverage Windsheim G200 | Start: 24-02-2006 Expiry: 31-12-9999 Tradeable | MFCN; Licence not limited! |

Greece (2017)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | WIND | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 28-02-2030 Tradeable | |
|  | VODAFONE | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 28-02-2030 Tradeable | |
|  | COSMOTE | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 28-02-2030 Tradeable | |


900 MHz Mobile Band





880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|----------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | COSMOTE | 925 - 935 MHz (DL) 880 - 890 MHz (UL) | MFCN | GSM, UMTS | National Coverage | Start: 30-09-2012 Expiry: 29-09-2027 Tradeable | The band is technology neutral and can be used according to EC Decision 2011/251/EU |
|  | WIND | 935 - 945 MHz (DL) 890 - 900 MHz (UL) | MFCN | GSM, UMTS | National Coverage | Start: 30-09-2012 Expiry: 29-09-2027 Tradeable | The band is technology neutral and can be used according to EC Decision 2011/251/EU |
|  | VODAFONE | 945 - 960 MHz (DL) 900 - 915 MHz (UL) | MFCN | GSM, UMTS | National Coverage | Start: 30-09-2012 Expiry: 29-09-2027 Tradeable | The band is technology neutral and can be used according to EC Decision 2011/251/EU |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | WIND | 1805 - 1820 MHz (DL) 1710 - 1725 MHz (UL) | MFCN | DCS, LTE | National Coverage | Start: 06-02-2018 Expiry: 05-12-2035 Tradeable | The band is technology neutral and can be used according to EC Decision 2011/251/EU |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|----------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | VODAFONE | 1820 - 1830 MHz (DL) 1725 - 1735 MHz (UL) | MFCN | DCS, LTE | National Coverage | Start: 15-11-2012 Expiry: 14-11-2027 Tradeable | The band is technology neutral and can be used according to EC Decision 2011/251/EU |
|  | VODAFONE | 1830 - 1845 MHz (DL) 1735 - 1750 MHz (UL) | MFCN | DCS, LTE | National Coverage | Start: 06-02-2018 Expiry: 05-12-2035 Tradeable | The band is technology neutral and can be used according to EC Decision 2011/251/EU |
|  | COSMOTE | 1845 - 1855 MHz (DL) 1750 - 1760 MHz (UL) | MFCN | DCS | National Coverage | Start: 15-11-2012 Expiry: 14-11-2027 Tradeable | The band is technology neutral and can be used according to EC Decision 2011/251/EU |
|  | COSMOTE | 1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL) | Digital cellular | DCS | National Coverage | Start: 05-12-1995 Expiry: 04-12-2020 Tradeable | |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|---------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------------------------|
|  | COSMOTE | 1905.1 - 1910.1 MHz | | | National Coverage | Start: 06-08-2001 Expiry: 05-08-2021 Tradeable | |
|  | WIND | 1910.1 - 1915.1 MHz | | | National Coverage | Start: 06-08-2001 Expiry: 05-08-2021 Tradeable | |
|  | VODAFONE | 1915.1 - 1920 MHz | | | National Coverage | Start: 06-08-2001 Expiry: 05-08-2021 Tradeable | The exact band 1915.1 to 1920.1 MHz |

2 GHz Mobile Band




1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | VODAFONE | 2110.3 - 2130.3 MHz (DL) 1920.3 - 1940.3 MHz (UL) | | UMTS | National Coverage | Start: 06-08-2001 Expiry: 05-08-2021 Tradeable | |
|  | WIND | 2130.3 - 2140.3 MHz (DL) 1940.3 - 1950.3 MHz (UL) | | UMTS | National Coverage | Start: 06-08-2001 Expiry: 05-08-2021 Tradeable | |
|  | COSMOTE | 2140.3 - 2155.3 MHz (DL) 1950.3 - 1965.3 MHz (UL) | | UMTS | National Coverage | Start: 06-08-2001 Expiry: 05-08-2021 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|----------|-------------|-------------|-------------------|----------|-----------------------|----------|
| | | | | | | Tradeable | |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | VODAFONE | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 28-02-2030 Tradeable | |
|  | COSMOTE | 2640 - 2670 MHz (DL) 2520 - 2550 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 28-02-2030 Tradeable | |
|  | WIND | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 28-02-2030 Tradeable | |


2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | COSMOTE | 2575 - 2595 MHz | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 28-02-2030 Tradeable | |
|  | VODAFONE | 2595 - 2615 MHz | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 28-02-2030 Tradeable | |

3.5 GHz Band




3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | OTE | 3540 - 3570 MHz (DL) 3440 - 3470 MHz (UL) | MFCN | | National Coverage | Start: 16-08-2016 Expiry: 30-04-2029 Tradeable | |

Hungary (2018)








800 MHz Mobile Band (the UHF band)




790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Vodafone Magyarország Zrt. | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | LTE800 | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | "C" pack |
|  | Magyar Telekom Nyrt. | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | LTE800 | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | "A" pack |
|  | Telenor Magyarország Zrt. | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | LTE800 | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | "B" pack |

900 MHz Mobile Band






880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Telenor Magyarország Zrt. | 925.1 - 926.9 MHz (DL) 880.1 - 881.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 31-01-2012 Expiry: 08-04-2022 Tradeable | |
|  | Telenor Magyarország Zrt. | 926.9 - 934.9 MHz (DL) 881.9 - 889.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 04-11-1993 Expiry: 08-04-2022 Tradeable | |
|  | Telenor Magyarország Zrt. | 934.9 - 936.9 MHz (DL) 889.9 - 891.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 07-11-2014 Expiry: 15-06-2029 Tradeable | |
|  | Vodafone Magyarország Zrt. | 936.9 - 944.9 MHz (DL) 891.9 - 899.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 07-10-1999 Expiry: 08-04-2022 Tradeable | |
|  | Vodafone Magyarország Zrt. | 944.9 - 946.9 MHz (DL) 899.9 - 901.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 31-01-2012 Expiry: 08-04-2022 Tradeable | |
|  | Vodafone Magyarország Zrt. | 946.9 - 947.9 MHz (DL) 901.9 - 902.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 03-11-2014 Expiry: 15-06-2029 Tradeable | |
|  | Magyar Telekom Nyrt. | 947.9 - 949.9 MHz (DL) 902.9 - 904.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 15-10-2014 Expiry: 15-06-2029 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Magyar Telekom Nyrt. | 949.9 - 950.9 MHz (DL) 904.9 - 905.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 31-01-2012 Expiry: 08-04-2022 Tradeable | |
|  | Magyar Telekom Nyrt. | 950.9 - 958.9 MHz (DL) 905.9 - 913.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 04-11-1993 Expiry: 08-04-2022 Tradeable | |
|  | Magyar Telekom Nyrt. | 958.9 - 959.9 MHz (DL) 913.9 - 914.9 MHz (UL) | MFCN | (GSM, UMTS, LTE) | National Coverage | Start: 31-01-2012 Expiry: 08-04-2022 Tradeable | |



1800 MHz Mobile Band


1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------|-------------|--------------------------|-------------------|------------------------------------------------------|----------|
|  | Vodafone Magyarország Zrt. | 1805.1 - 1820.1 MHz (DL) 1710.1 - 1725.1 MHz (UL) | MFCN | | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | |
|  | DIGI Távközlési és Szolgáltató Kft. | 1820.1 - 1825 MHz (DL) 1725.1 - 1730 MHz (UL) | MFCN | LTE1800 | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | |
|  | Magyar Telekom Nyrt. | 1825 - 1850 MHz (DL) 1730 - 1755 MHz (UL) | MFCN | | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | |
|  | Telenor | 1850 - 1880 MHz (DL) 1755 - 1785 MHz (UL) | MFCN | GSM, UMTS, LTE, WiMAX | National Coverage | Start: 03-11-2014 Expiry: 31-12-2019 Tradeable | |
|  | Telenor | 1868.1 - 1879.9 MHz (DL) 1773.1 - 1784.9 MHz (UL) | MFCN | GSM, UMTS, LTE, WiMAX | National Coverage | Start: 03-11-2014 Expiry: 31-12-2019 Tradeable | |

2 GHz Mobile Band




1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Magyar Telekom Nyrt. | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | MFCN | UTRA FDD | National Coverage | Start: 03-11-2014 Expiry: 31-12-2019 Tradeable | |
|  | Vodafone | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | MFCN | UTRA FDD | National Coverage | Start: 03-11-2014 Expiry: 31-12-2019 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Telenor | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | MFCN | UTRA FDD | National Coverage | Start: 03-11-2014 Expiry: 31-12-2019 Tradeable | |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Magyar Telekom Nyrt. | 2620 - 2650 MHz (DL) 2500 - 2530 MHz (UL) | MFCN | | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | "A" pack |
|  | Vodafone Magyarország Zrt. | 2650 - 2670 MHz (DL) 2530 - 2550 MHz (UL) | MFCN | | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | "G" pack |
|  | Telenor Magyarország Zrt. | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | MFCN | | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | "B" pack |



2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Vodafone Magyarország Zrt. | 2575 - 2600 MHz | MFCN | | National Coverage | Start: 29-09-2014 Expiry: 15-06-2029 Tradeable | "C" pack |

3.5 GHz Band


3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Vodafone Magyarország Zrt. | 3410 - 3470 MHz | MFCN | | National Coverage | Start: 06-06-2016 Expiry: 15-06-2034 Tradeable | |
|  | DIGI Távközlési és Szolgáltató Kft. | 3470 - 3490 MHz | MFCN | | National Coverage | Start: 06-06-2016 Expiry: 15-06-2034 Tradeable | |

Iceland (2018)






700 MHz Mobile Band

694-790 MHz including a paired frequency arrangement (Frequency Division Duplex 2x30 MHz) and an optional unpaired frequency arrangement (Supplemental Downlink)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Síminn hf | 768 - 788 MHz (DL) 713 - 733 MHz (UL) | IMT | LTE | National Coverage | Start: 07-07-2017 Expiry: 06-07-2032 | |





800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Nova ehf | 791 - 796 MHz (DL) 832 - 837 MHz (UL) | IMT | LTE | National Coverage | Start: 07-07-2017 Expiry: 07-07-2032 | |
|  | Nova ehf | 796 - 801 MHz (DL) 837 - 842 MHz (UL) | IMT | LTE | National Coverage | Start: 07-07-2017 Expiry: 02-04-2023 | |
|  | Fjarskipti hf | 801 - 806 MHz (DL) 842 - 847 MHz (UL) | IMT | LTE | National Coverage | Start: 22-05-2017 Expiry: 02-04-2023 | |
|  | Fjarskipti hf | 806 - 811 MHz (DL) 847 - 852 MHz (UL) | IMT | LTE | National Coverage | Start: 07-07-2017 Expiry: 07-07-2032 | |
|  | Fjarskipti hf | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | IMT | LTE | | Start: 03-04-2013 Expiry: 02-04-2023 | |








900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------|--------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|-------------|
|  | Nova ehf | 925 - 930 MHz (DL) 880 - 885 MHz (UL) | IMT | | National Coverage | Start: 22-01-2009 Expiry: 30-03-2022 | UMTS |
|  | Fjarskipti hf | 930 - 935 MHz (DL) 885 - 890 MHz (UL) | IMT | | National Coverage | Start: 14-02-2012 Expiry: 13-02-2022 | UMTS or GSM |
|  | Fjarskipti hf | 935.1 - 945.1 MHz (DL) 890.1 - 900.1 MHz (UL) | IMT | | National Coverage | Start: 14-02-2012 Expiry: 14-02-2022 | GSM or UMTS |
|  | Síminn hf | 945.1 - 959.9 MHz (DL) 900.1 - 914.9 MHz (UL) | IMT | | National Coverage | Start: 14-02-2012 Expiry: 13-02-2022 | GSM or UMTS |




1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|--------------|
|  | Síminn hf | 1805.1 - 1820.1 MHz (DL) 1710.1 - 1725.1 MHz (UL) | IMT | | National Coverage | Start: 14-02-2012 Expiry: 13-02-2022 | GSM and UMTS |
|  | Síminn hf | 1820.1 - 1835.1 MHz (DL) 1725.1 - 1740.1 MHz (UL) | IMT | LTE | National Coverage | Start: 03-04-2013 Expiry: 02-04-2023 | |
|  | IMC Ísland ehf | 1835.3 - 1838.7 MHz (DL) 1740.3 - 1743.7 MHz (UL) | IMT | | National Coverage | Start: 14-02-2012 Expiry: 13-02-2022 | GSM |
|  | Fjarskipti hf | 1838.9 - 1853.9 MHz (DL) 1743.9 - 1758.9 MHz (UL) | IMT | | National Coverage | Start: 14-02-2012 Expiry: 13-02-2022 | GSM and UMTS |
|  | Fjarskipti hf | 1853.9 - 1858.9 MHz (DL) 1758.9 - 1763.9 MHz (UL) | IMT | LTE | National Coverage | Start: 03-04-2013 Expiry: 02-04-2023 | |
|  | Nova ehf | 1859.1 - 1874.1 MHz (DL) 1764.1 - 1779.1 MHz (UL) | IMT | | National Coverage | Start: 22-01-2009 Expiry: 30-03-2022 | GSM and UMTS |
|  | Nova ehf | 1874.1 - 1879.1 MHz (DL) 1779.1 - 1784.1 MHz (UL) | IMT | LTE | National Coverage | Start: 03-04-2013 Expiry: 02-04-2023 | |


2 GHz Mobile Band



1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Nova ehf | 1900 - 1905 MHz | IMT | TDD | National Coverage | Start: 22-01-2009 Expiry: 30-03-2022 | |
|  | Fjarskipti hf | 1910 - 1915 MHz | IMT | TDD | National Coverage | Start: 15-05-2008 Expiry: 30-03-2022 | |
|  | Síminn | 1915 - 1920 MHz | IMT | TDD | National Coverage | Start: 30-03-2007 Expiry: 30-03-2022 | |

2 GHz Mobile Band





1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Síminn | 2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL) | IMT | FDD | National Coverage | Start: 30-03-2007 Expiry: 30-03-2022 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Nova ehf | 2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL) | IMT | FDD | National Coverage | Start: 22-01-2009 Expiry: 30-03-2022 | |
|  | Fjarskipti hf | 2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL) | IMT | FDD | National Coverage | Start: 15-05-2008 Expiry: 30-03-2022 | |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Síminn hf | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | IMT | LTE | National Coverage | Start: 07-07-2017 Expiry: 07-07-2032 | |
|  | Fjarskipti hf | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | IMT | LTE | National Coverage | Start: 07-07-2017 Expiry: 07-07-2032 | |
|  | Nova ehf | 2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL) | IMT | LTE | National Coverage | Start: 07-07-2017 Expiry: 07-07-2032 | |
|  | Yellow Mobile BV | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | IMT | LTE | National Coverage | Start: 07-07-2017 Expiry: 07-07-2032 | |

3.5 GHz Band







3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|-------------|-------------------|------------------------------------------|-----------------------------------------|----------|
|  | Gagnaveita Suðurlands ehf | 3571.5 - 3585.5 MHz (DL) 3471.5 - 3485.5 MHz (UL) | BWA | | Regional/local coverage South Iceland | Start: 01-04-2016 Expiry: 01-09-2021 | BWA |
|  | Gagnaveita Suðurlands ehf | 3586 - 3600 MHz (DL) 3486 - 3500 MHz (UL) | BWA | | Regional/local coverage South Iceland | Start: 01-04-2016 Expiry: 01-09-2021 | |

Ireland (2017)




800 MHz Mobile Band (the UHF band)



790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Meteor Mobile Communications Limited | 791 - 796 MHz (DL) 832 - 837 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Meteor Mobile Communications Limited | 796 - 801 MHz (DL) 837 - 842 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 801 - 806 MHz (DL) 842 - 847 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 806 - 811 MHz (DL) 847 - 852 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Vodafone Ireland Limited | 811 - 816 MHz (DL) 852 - 857 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Vodafone Ireland Limited | 816 - 821 MHz (DL) 857 - 862 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |

900 MHz Mobile Band










880-915 MHz / 925-960 MHz (paired frequency arrangement)







| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Meteor Mobile Communications Limited | 925 - 930 MHz (DL) 880 - 885 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Meteor Mobile Communications Limited | 930 - 935 MHz (DL) 885 - 890 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 935 - 940 MHz (DL) 890 - 895 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 940 - 945 MHz (DL) 895 - 900 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------|------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Vodafone Ireland Limited | 945 - 950 MHz (DL) 900 - 905 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Vodafone Ireland Limited | 950 - 955 MHz (DL) 905 - 910 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 955 - 960 MHz (DL) 910 - 915 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |

1800 MHz Mobile Band


1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Three Ireland Hutchison Limited | 1805 - 1810 MHz (DL) 1710 - 1715 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 1810 - 1815 MHz (DL) 1715 - 1720 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 1815 - 1820 MHz (DL) 1720 - 1725 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Vodafone Ireland Limited | 1820 - 1825 MHz (DL) 1725 - 1730 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Vodafone Ireland Limited | 1825 - 1830 MHz (DL) 1730 - 1735 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Vodafone Ireland Limited | 1830 - 1835 MHz (DL) 1735 - 1740 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Vodafone Ireland Limited | 1835 - 1840 MHz (DL) 1740 - 1745 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Vodafone Ireland Limited | 1840 - 1845 MHz (DL) 1745 - 1750 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 1845 - 1850 MHz (DL) 1750 - 1755 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Three Ireland Hutchison Limited | 1850 - 1855 MHz (DL) 1755 - 1760 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 1855 - 1860 MHz (DL) 1760 - 1765 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Three Ireland Hutchison Limited | 1860 - 1865 MHz (DL) 1765 - 1770 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Meteor Mobile Communications Limited | 1865 - 1870 MHz (DL) 1770 - 1775 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 13-07-2030 Tradeable | |
|  | Meteor Mobile Communications Limited | 1870 - 1875 MHz (DL) 1775 - 1780 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |
|  | Meteor Mobile Communications Limited | 1875 - 1880 MHz (DL) 1780 - 1785 MHz (UL) | Digital cellular | Liberalised | National Coverage | Start: 13-07-2015 Expiry: 12-07-2030 Tradeable | |




2 GHz Mobile Band










1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------|-----------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Three Ireland Hutchison Limited | 1910 - 1915 MHz | Digital cellular | UTRA TDD | National Coverage | Start: 02-10-2002 Expiry: 01-10-2022 Tradeable | |

2 GHz Mobile Band


1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Three Ireland Hutchison Limited | 2110 - 2115 MHz (DL) 1920 - 1925 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 25-07-2002 Expiry: 24-07-2022 Tradeable | |
|  | Three Ireland Hutchison Limited | 2115 - 2120 MHz (DL) 1925 - 1930 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 02-10-2002 Expiry: 01-10-2022 Tradeable | |
|  | Three Ireland Hutchison Limited | 2120 - 2125 MHz (DL) 1930 - 1935 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 25-07-2002 Expiry: 24-07-2022 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Meteor Mobile Communications Limited | 2125 - 2130 MHz (DL) 1935 - 1940 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 12-03-2007 Expiry: 11-03-2027 Tradeable | |
|  | Meteor Mobile Communications Limited | 2130 - 2135 MHz (DL) 1940 - 1945 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 12-03-2007 Expiry: 11-03-2027 Tradeable | |
|  | Meteor Mobile Communications Limited | 2135 - 2140 MHz (DL) 1945 - 1950 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 12-03-2007 Expiry: 11-03-2027 Tradeable | |
|  | Vodafone Ireland Limited | 2140 - 2145 MHz (DL) 1950 - 1955 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 16-10-2002 Expiry: 15-10-2022 Tradeable | |
|  | Vodafone Ireland Limited | 2145 - 2150 MHz (DL) 1955 - 1960 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 16-10-2002 Expiry: 15-10-2022 Tradeable | |
|  | Vodafone Ireland Limited | 2150 - 2155 MHz (DL) 1960 - 1965 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 16-10-2002 Expiry: 15-10-2022 Tradeable | |
|  | Three Ireland Hutchison Limited | 2155 - 2160 MHz (DL) 1965 - 1970 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 02-10-2002 Expiry: 01-10-2022 Tradeable | |
|  | Three Ireland Hutchison Limited | 2160 - 2165 MHz (DL) 1970 - 1975 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 25-07-2002 Expiry: 24-07-2022 Tradeable | |
|  | Three Ireland Hutchison Limited | 2165 - 2170 MHz (DL) 1975 - 1980 MHz (UL) | Digital cellular | UTRA FDD | National Coverage | Start: 02-10-2002 Expiry: 01-10-2022 Tradeable | |

3.5 GHz Band




3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|-----------------|-------------|-------------------|-------------------|-----------------------|----------|
|  | State Services | 3435 - 3475 MHz | Land mobile | | National Coverage | Tradeable | |

Italy (2017)


800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Wind Tre S.p.A. | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |
|  | Telecom Italia S.p.A. | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |
|  | Vodafone Omnitel N.V. | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |



900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Iliad S.p.A. | 925.1 - 930.1 MHz (DL) 880.1 - 885.1 MHz (UL) | IMT | UMTS | National Coverage | Start: 19-05-2010 Expiry: 31-12-2021 Tradeable | |




1452 MHz - 1492 MHz Mobile Band Supplemental Downlink

1452-1492 MHz for Mobile/Fixed Communications Networks Supplemental Downlink (MFCN SDL)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Telecom Italia S.p.A. | 1452 - 1472 MHz | MFCN | SDL | National Coverage | Start: 01-11-2015 Expiry: 31-12-2029 Tradeable | |
|  | Vodafone Omnitel N.V. | 1472 - 1492 MHz | MFCN | SDL | National Coverage | Start: 01-11-2015 Expiry: 31-12-2029 Tradeable | |





1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Wind Tre S.p.A. | 1810 - 1825 MHz (DL) 1715 - 1730 MHz (UL) | IMT | LTE | National Coverage | Start: 01-01-2012 Expiry: 31-12-2029 Tradeable | |
|  | Telecom Italia S.p.A. | 1825 - 1830 MHz (DL) 1730 - 1735 MHz (UL) | IMT | GSM/LTE | National Coverage | Start: 01-01-2012 Expiry: 31-12-2029 Tradeable | |
|  | Vodafone Omnitel N.V. | 1860 - 1865 MHz (DL) 1765 - 1775 MHz (UL) | IMT | GSM/LTE | National Coverage | Start: 01-01-2012 Expiry: 31-12-2029 Tradeable | |




2 GHz Mobile Band



1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Wind Tre S.p.A. | 1900 - 1905 MHz | IMT | | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 Tradeable | |
|  | Vodafone Omnitel N.V. | 1905 - 1910 MHz | IMT | | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 Tradeable | |
|  | Telecom Italia S.p.A. | 1910 - 1915 MHz | IMT | | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 Tradeable | |
|  | Wind Tre S.p.A. | 1915 - 1920 MHz | IMT | | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 Tradeable | |

2 GHz Mobile Band





1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Wind Tre | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 Tradeable | |
|  | Telecom Italia S.p.A. | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 Tradeable | |
|  | Wind Tre S.p.A. | 2140 - 2145 MHz (DL) 1950 - 1955 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | ILIAD S.p.A. | 2145 - 2155 MHz (DL) 1955 - 1965 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 Tradeable | |
|  | Vodafone Omnitel N.V. | 2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-01-2001 Expiry: 31-12-2021 Tradeable | |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | ILIAD S.p.A. | 2630 - 2640 MHz (DL) 2510 - 2520 MHz (UL) | IMT | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |
|  | Vodafone Omnitel N.V. | 2640 - 2655 MHz (DL) 2520 - 2535 MHz (UL) | IMT | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |
|  | Telecom Italia S.p.A. | 2655 - 2670 MHz (DL) 2535 - 2550 MHz (UL) | IMT | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |
|  | Wind Tre S.p.A. | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | IMT | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |







2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Wind Tre S.p.A. | 2570 - 2585 MHz | IMT | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |
|  | Wind Tre S.p.A. | 2585 - 2600 MHz | IMT | LTE | National Coverage | Start: 01-01-2013 Expiry: 31-12-2029 Tradeable | |

3.5 GHz Band




3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------------------------|-----------------|-------------|-------------------|-------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------|
|  | Various licencees (See all in RoU for Italy) | 3437 - 3458 MHz | BWA | LTE | Regional/local coverage Local coverage | Start: 21-05-2008 Expiry: 21-05-2023 Tradeable | The issued licences are for fixed, nomadic and mobile applications |
|  | Various licencees (See all in RoU for Italy) | 3458 - 3479 MHz | BWA | WiMAX | Regional/local coverage Local Coverage | Start: 21-05-2008 Expiry: 21-05-2023 Tradeable | The issued licences are for fixed, nomadic and mobile applications |
|  | Various licencees (See all in RoU for Italy) | 3479 - 3500 MHz | BWA | LTE/WiMAX | Regional/local coverage Local coverage | Start: 21-05-2008 Expiry: 21-05-2023 Tradeable | The issued licences are for fixed, nomadic and mobile applications |
|  | Various licencees (See all in RoU for Italy) | 3537 - 3558 MHz | BWA | LTE/WiMAX | Regional/local coverage Local coverage | Start: 21-05-2008 Expiry: 21-05-2023 Tradeable | The issued licences are for fixed, nomadic and mobile applications |
|  | Various licencees (See all in RoU for Italy) | 3558 - 3579 MHz | BWA | LTE/WiMAX | Regional/local coverage Local coverage | Start: 21-05-2008 Expiry: 21-05-2023 Tradeable | The issued licences are for fixed, nomadic and mobile applications |
|  | Various licencees (See all in RoU for Italy) | 3579 - 3600 MHz | BWA | LTE/WiMAX | Regional/local coverage Local coverage | Start: 21-05-2008 Expiry: 21-05-2023 Tradeable | The issued licences are for fixed, nomadic and mobile applications |

Latvia (2018)





800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Bite Latvija | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-07-2015 Expiry: 30-06-2033 Tradeable | LTE |
|  | Latvijas Mobilais Telefons | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-07-2015 Expiry: 30-06-2033 Tradeable | LTE |
|  | Tele2 | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-07-2015 Expiry: 30-06-2033 Tradeable | LTE |


900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------|
|  | Bite Latvija | 925.2 - 934.8 MHz (DL) 880.2 - 889.8 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 29-06-2005 Expiry: 28-06-2020 | GSM, UMTS |
|  | Latvijas Mobilais Telefons | 935 - 948.2 MHz (DL) 890 - 903.2 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 29-05-2002 Expiry: 09-01-2026 | GSM, UMTS. |
|  | Tele2 | 949.2 - 959 MHz (DL) 904.2 - 914 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 01-03-2006 Expiry: 28-02-2026 | GSM, UMTS. |
|  | Tele2 | 959 - 960 MHz (DL) 914 - 915 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 07-10-2010 Expiry: 06-10-2020 Tradeable | GSM, UMTS |


1427 MHz - 1452 MHz Mobile Band Supplemental Downlink

1427-1452 MHz for Mobile/Fixed Communications Networks Supplemental Downlink (MFCN SDL)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------|-----------------|----------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Lattelecom | 1427 - 1452 MHz | Point-to-Point | | National Coverage | Start: 01-01-2003 Expiry: 31-12-2027 | |




1492 MHz - 1518 MHz Mobile Band Supplemental Downlink

1492-1518 MHz for Mobile/Fixed Communications Networks Supplemental Downlink (MFCN SDL)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------|-----------------|----------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Lattelecom | 1492 - 1517 MHz | Point-to-Point | | National Coverage | Start: 01-01-2003 Expiry: 31-12-2027 | |




1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|-----------|
|  | Latvijas Mobilais Telefons | 1805 - 1829.8 MHz (DL) 1710 - 1734.8 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 29-05-2002 Expiry: 09-01-2026 | GSM, LTE. |
|  | Tele2 | 1830.2 - 1854.8 MHz (DL) 1735.2 - 1759.8 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 01-03-2006 Expiry: 28-02-2026 | GSM, LTE. |
|  | Bite Latvija | 1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 29-06-2005 Expiry: 28-06-2020 | LTE |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------|-----------------|-------------|-----------------------|-------------------|-----------------------------------------|----------|
|  | Bite Latvija | 1900 - 1905 MHz | TRA-ECS | UMTS/IMT-2000/ TDD | National Coverage | Start: 29-06-2005 Expiry: 28-06-2020 | |
|  | Tele2 | 1905 - 1910 MHz | TRA-ECS | UMTS/IMT-2000/ TDD | National Coverage | Start: 01-01-2018 Expiry: 28-06-2020 | |
|  | Latvijas Mobilais Telefons | 1915 - 1920 MHz | TRA-ECS | UMTS/IMT-2000/ TDD | National Coverage | Start: 03-12-2002 Expiry: 28-06-2020 | |

2 GHz Mobile Band



1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|-----------|
|  | Latvijas Mobilais Telefons | 2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL) | TRA-ECS | UMTS, LTE | National Coverage | Start: 01-01-2003 Expiry: 31-12-2027 | UMTS, LTE |
|  | Bite Latvija | 2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 29-06-2005 Expiry: 28-06-2020 | UMTS |
|  | Tele2 | 2150 - 2170 MHz (DL) | TRA-ECS | UMTS | National Coverage | Start: 01-01-2018 | UMTS, LTE |

| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------|----------------------|-------------|-------------------|----------|-----------------------|----------|
| | 1960 - 1980 MHz (UL) | | | | Expiry: 31-12-2027 | |





2300 MHz - 2400 MHz Mobile Band

2300 MHz - 2400 MHz

| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-------------------------------------------------------------------------------------------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  Latvijas Mobilais Telefons | 2300 - 2330 MHz | MFCN | LTE TDD | National Coverage | Start: 06-12-2012 Expiry: 05-12-2027 Tradeable | LTE TDD |
|  Bite Latvija | 2330 - 2360 MHz | MFCN | IMT TDD | National Coverage | Start: 06-12-2012 Expiry: 05-12-2027 Tradeable | LTE TDD |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------|--------------------|-------------------|------------------------------------------------------|----------|
|  Latvijas Mobilais Telefons | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-01-2014 Expiry: 31-12-2028 Tradeable | LTE |
|  Tele2 | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-01-2014 Expiry: 31-12-2028 Tradeable | LTE |
|  Bite Latvija | 2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-01-2014 Expiry: 31-12-2028 Tradeable | LTE |
|  Baltcom 4G | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 20-05-2016 Expiry: 31-12-2028 | |



2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---------------------------------------------------------------------------------------------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  Latvijas Mobilais Telefons | 2570 - 2620 MHz | TRA-ECS | LTE TDD | National Coverage | Start: 01-01-2014 Expiry: 31-12-2028 Tradeable | LTE TDD |







3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|----------------------------------------------|-------------|--------------------------|-------------------|-----------------------------------------|-------------------------------------------------------------------|
|  | Tele2 | 3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL) | TRA-ECS | BWA; Point-to-Multipoint | National Coverage | Start: 02-08-2012 Expiry: 25-03-2021 | All licenses in the 3.5 GHz band are for Fixed and Mobile service |
|  | UNISTARS | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | TRA-ECS | BWA; Point-to-Multipoint | National Coverage | Start: 15-09-2010 Expiry: 14-09-2020 | All licenses in the 3.5 GHz band are for Fixed and Mobile service |

3.7 GHz Band





3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|---------------|----------------------------------------------|-------------|-------------------|---------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | Telia Latvija | 3600 - 3628 MHz | TRA-ECS | BWA | National Coverage | Start: 07-05-2010 Expiry: 06-05-2025 Tradeable | All licenses in the 3.7 GHz band are for Fixed and Mobile service National coverage except Riga |
|  | UNISTARS | 3715 - 3729 MHz (DL) 3615 - 3629 MHz (UL) | TRA-ECS | BWA | Regional/local coverage Riga | Start: 15-09-2010 Expiry: 14-09-2020 | All licenses in the 3.7 GHz band are for Fixed and Mobile service |
|  | UNISTARS | 3729 - 3757 MHz (DL) 3629 - 3657 MHz (UL) | TRA-ECS | BWA | National Coverage | Start: 15-09-2010 Expiry: 14-09-2020 | All licenses in the 3.7 GHz band are for Fixed and Mobile service |
|  | UNISTARS | 3757 - 3771 MHz (DL) 3657 - 3671 MHz (UL) | TRA-ECS | BWA | Regional/local coverage Riga | Start: 15-09-2010 Expiry: 14-09-2020 | All licenses in the 3.7 GHz band are for Fixed and Mobile service |
|  | Lattelecom | 3664 - 3692 MHz (DL) 3764 - 3792 MHz (UL) | TRA-ECS | BWA | National Coverage | Start: 01-01-2018 Expiry: 31-12-2018 | |
|  | Lattelecom | 3678 - 3702 MHz (DL) 3778 - 3806 MHz (UL) | TRA-ECS | BWA | National Coverage | Start: 01-01-2018 Expiry: 31-12-2018 | |

Liechtenstein (2016)







800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------|
|  | Telecom Liechtenstein AG | 801 - 806 MHz (DL) 842 - 847 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 806 - 811 MHz (DL) 847 - 852 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 811 - 816 MHz (DL) 852 - 857 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 816 - 821 MHz (DL) 857 - 862 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |


900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------|
|  | Salt (Liechtenstein) AG | 925.1 - 930.1 MHz (DL) 880.1 - 885.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 930.1 - 935.1 MHz (DL) 885.1 - 890.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 940.1 - 945.1 MHz (DL) 895.1 - 900.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 945.1 - 950.1 MHz (DL) 900.1 - 905.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 950.1 - 955.1 MHz (DL) 905.1 - 910.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 955.1 - 960.1 MHz (DL) 910.1 - 915.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)










| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------|
|  | Swisscom (Schweiz) AG | 1805.1 - 1810.1 MHz (DL) 1710.1 - 1715.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------|
|  | Swisscom (Schweiz) AG | 1810.1 - 1815.1 MHz (DL) 1715.1 - 1720.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 1815.1 - 1820.1 MHz (DL) 1720.1 - 1725.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 1820.1 - 1825.1 MHz (DL) 1725.1 - 1730.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 1825.1 - 1830.1 MHz (DL) 1730.1 - 1735.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 01-01-2017 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 1830.1 - 1835.1 MHz (DL) 1735.1 - 1740.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 1835.1 - 1840.1 MHz (DL) 1740.1 - 1745.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 1840.1 - 1845.1 MHz (DL) 1745.1 - 1750.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 1845.1 - 1850.1 MHz (DL) 1750.1 - 1755.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 1850.1 - 1855.1 MHz (DL) 1755.1 - 1760.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 1855.1 - 1860.1 MHz (DL) 1760.1 - 1765.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 1860.1 - 1865.1 MHz (DL) 1765.1 - 1770.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 1865.1 - 1870.1 MHz (DL) 1770.1 - 1775.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 1870.1 - 1875.1 MHz (DL) 1775.1 - 1780.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 1875.1 - 1880.1 MHz (DL) 1780.1 - 1785.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |

2 GHz Mobile Band








1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)






| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------|
|  | Telecom Liechtenstein AG | 2110.5 - 2115.5 MHz (DL) 1920.5 - 1925.5 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 2115.5 - 2120.3 MHz (DL) 1925.5 - 1930.3 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 2120.3 - 2125.3 MHz (DL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 | Duration not limited |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------|
| | | 1930.3 - 1935.3 MHz (UL) | | | | Expiry: 01-01-2099 | |
|  | Telecom Liechtenstein AG | 2125.3 - 2130.3 MHz (DL) 1935.3 - 1940.3 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 2130.3 - 2135.1 MHz (DL) 1940.3 - 1945.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 2135.1 - 2140.1 MHz (DL) 1945.1 - 1950.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 2140.1 - 2145.1 MHz (DL) 1950.1 - 1955.1 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 2145.1 - 2149.9 MHz (DL) 1955.1 - 1959.9 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 2149.9 - 2154.9 MHz (DL) 1959.9 - 1964.9 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 2154.9 - 2159.9 MHz (DL) 1964.9 - 1969.9 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 2159.9 - 2164.7 MHz (DL) 1969.9 - 1974.7 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 2164.7 - 2169.7 MHz (DL) 1974.7 - 1979.7 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |

2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------|
|  | Telecom Liechtenstein AG | 2620 - 2625 MHz (DL) 2500 - 2505 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 2625 - 2630 MHz (DL) 2505 - 2510 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 2630 - 2635 MHz (DL) 2510 - 2515 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Telecom Liechtenstein AG | 2635 - 2640 MHz (DL) 2515 - 2520 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 2645 - 2650 MHz (DL) 2525 - 2530 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 2650 - 2655 MHz (DL) 2530 - 2535 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Swisscom (Schweiz) AG | 2655 - 2660 MHz (DL) 2535 - 2540 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------|
|  | Swisscom (Schweiz) AG | 2660 - 2665 MHz (DL) 2540 - 2545 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 2665 - 2670 MHz (DL) 2545 - 2550 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 2670 - 2675 MHz (DL) 2550 - 2555 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |
|  | Salt (Liechtenstein) AG | 2680 - 2685 MHz (DL) 2560 - 2565 MHz (UL) | MFCN | Neutral | National Coverage | Start: 30-01-2015 Expiry: 01-01-2099 | Duration not limited |

Lithuania (2017)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-----------------------|
|  | UAB "Bitė Lietuva" | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | LTE | National Coverage | Expiry: 01-07-2030 Tradeable | |
|  | UAB "Omnitel" | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | LTE | National Coverage | Expiry: 01-07-2030 Tradeable | |
|  | UAB | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 26-11-2013 Expiry: 01-07-2030 Tradeable | LTE+ (LTE800+LTE1800) |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------|
|  | UAB Bite Lietuva | 2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL) | TRA-ECS | LTE, UMTS | National Coverage | Start: 12-05-2016 Expiry: 28-02-2026 Tradeable | |
|  | UAB Omnitel | 2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL) | TRA-ECS | LTE, UMTS | National Coverage | Start: 12-05-2016 Expiry: 23-02-2026 Tradeable | |
|  | UAB Tele2 | 2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL) | TRA-ECS | LTE, UMTS | National Coverage | Start: 12-05-2016 Expiry: 06-03-2026 Tradeable | UMTS (HSPA+), LTE |




2300 MHz - 2400 MHz Mobile Band

2300 MHz - 2400 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | AB Lietuvos radijo ir televizijos centras | 2310 - 2390 MHz | TRA-ECS | LTE | National Coverage | Start: 24-07-2014 Expiry: 25-07-2029 Tradeable | |






2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|---------------------------------|
|  | UAB Tele2 | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | LTE+ | National Coverage | Start: 28-08-2012 Expiry: 29-08-2027 Tradeable | LTE800+LTE2600, LTE1800+LTE2600 |
|  | UAB Omnitel | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | TRA-ECS | LTE | National Coverage | Expiry: 29-08-2027 Tradeable | |
|  | UAB Bite Lietuva | 2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL) | TRA-ECS | LTE | National Coverage | Expiry: 29-08-2027 Tradeable | |



3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------------------|
|  | UAB Nelte | 3510 - 3524 MHz (DL) 3410 - 3424 MHz (UL) | TRA-ECS | WiMAX | National Coverage | Start: 25-04-2008 Expiry: 31-10-2022 Tradeable | License revoked on 2017-02-03 |
|  | UAB Nelte | 3524 - 3538 MHz (DL) 3424 - 3438 MHz (UL) | TRA-ECS | WiMAX | National Coverage | Start: 25-04-2008 Expiry: 22-10-2022 Tradeable | license revoked on 2017-02-03 |
|  | UAB Balticum TV | 3538 - 3566 MHz (DL) 3438 - 3466 MHz (UL) | TRA-ECS | WiMAX | National Coverage | Expiry: 22-10-2022 Tradeable | |
|  | AB Lietuvos radijo ir televizijos centras | 3566 - 3580 MHz (DL) 3466 - 3480 MHz (UL) | TRA-ECS | WiMAX | National Coverage | Expiry: 22-10-2022 Tradeable | |
|  | AB Lietuvos radijo ir televizijos centras | 3580 - 3594 MHz (DL) 3480 - 3494 MHz (UL) | TRA-ECS | WiMAX | National Coverage | Expiry: 31-10-2022 Tradeable | |

3.7 GHz Band




3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------------------|-----------------|-------------|-------------------|-----------------------------------------------------------------------|---------------------------------|----------|
|  | AB Lietuvos radijo ir televizijos centras | 3605 - 3670 MHz | TRA-ECS | WiMAX | National Coverage | Expiry: 10-07-2027 Tradeable | |
|  | UAB Balticum TV | 3670 - 3735 MHz | TRA-ECS | WiMAX | Regional/local coverage Siauliai, Telsiai district and Klaipeda | Expiry: 05-03-2027 Tradeable | |

Luxembourg (2015)






800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | ENTREPRISE DES P&T | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 24-12-2012 Expiry: 24-12-2027 Tradeable | |
|  | TANGO S.A. | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 24-12-2012 Expiry: 24-12-2027 Tradeable | |
|  | ORANGE COMMUNICATIONS LUXEMBOURG S.A. | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 24-12-2012 Expiry: 24-12-2027 Tradeable | |




900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | ORANGE COMMUNICATIONS LUXEMBOURG S.A. | 925.1 - 934.9 MHz (DL) 880.1 - 889.9 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 28-06-2012 Expiry: 28-06-2027 Tradeable | |
|  | ENTREPRISE DES P&T | 935.1 - 939.7 MHz (DL) 890.1 - 894.7 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 25-05-2012 Expiry: 25-05-2027 Tradeable | |
|  | TANGO S.A. | 940.1 - 944.7 MHz (DL) 895.1 - 899.7 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 25-05-2012 Expiry: 25-05-2027 Tradeable | |
|  | ENTREPRISE DES P&T | 944.9 - 952.3 MHz (DL) 899.9 - 907.3 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 25-05-2012 Expiry: 25-05-2027 Tradeable | |
|  | TANGO S.A. | 952.5 - 959.9 MHz (DL) 907.5 - 914.9 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 25-05-2012 Expiry: 25-05-2027 Tradeable | |




1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | ORANGE COMMUNICATIONS LUXEMBOURG S.A. | 1805 - 1830 MHz (DL) 1710 - 1735 MHz (UL) | TRA-ECS | GSM / LTE | National Coverage | Start: 28-06-2012 Expiry: 28-06-2027 Tradeable | |
|  | TANGO S.A. | 1830 - 1855 MHz (DL) 1735 - 1760 MHz (UL) | TRA-ECS | GSM / LTE | National Coverage | Start: 25-05-2012 Expiry: 25-05-2027 Tradeable | |
|  | ENTREPRISE DES P&T | 1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL) | TRA-ECS | GSM / LTE | National Coverage | Start: 25-05-2012 Expiry: 25-05-2027 Tradeable | |

2.6 GHz Mobile Band




2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | ENTREPRISE DES P&T | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 24-12-2012 Expiry: 24-12-2027 Tradeable | |
|  | ORANGE COMMUNICATIONS LUXEMBOURG S.A. | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 24-12-2012 Expiry: 24-12-2027 Tradeable | |
|  | TANGO S.A. | 2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 24-12-2012 Expiry: 24-12-2027 Tradeable | |

Macedonia (FYROM) (2018)



800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | one.Vip DOO Skopje | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-12-2013 Expiry: 30-11-2033 Tradeable | |
|  | Makedonski Telekom AD Skopje | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-12-2013 Expiry: 30-11-2033 Tradeable | |
|  | one.Vip DOO Skopje | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-12-2013 Expiry: 30-11-2033 Tradeable | |




900 MHz Mobile Band



880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Makedonski Telekom AD Skopje | 935 - 947.5 MHz (DL) 890 - 902.5 MHz (UL) | GSM | GSM/UMTS | National Coverage | Start: 05-09-2008 Expiry: 05-09-2028 Tradeable | |
|  | one.Vip DOO Skopje | 947.5 - 960 MHz (DL) 902.5 - 915 MHz (UL) | GSM | GSM/UMTS | National Coverage | Start: 05-09-2008 Expiry: 05-09-2023 Tradeable | |

1800 MHz Mobile Band



1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | one.Vip DOO Skopje | 1815 - 1825 MHz (DL) 1720 - 1730 Hz (UL) | IMT | GSM/UMT | National Coverage | Start: 14-08-2012 Expiry: 13-08-2022 Tradeable | |
|  | one.Vip DOO Skopje | 1825 - 1840 MHz (DL) 1730 - 1745 MHz (UL) | IMT | GSM/UMTS | National Coverage | Start: 01-12-2013 Expiry: 30-11-2033 Tradeable | |
|  | Makedonski Telekom AD Skopje | 1840 - 1850 MHz (DL) 1745 - 1755 MHz (UL) | IMT | GSM/UMTS | National Coverage | Start: 09-06-2009 Expiry: 09-06-2019 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Makedonski Telekom AD Skopje | 1850 - 1865 MHz (DL) 1755 - 1770 MHz (UL) | IMT | GSM/LTE | National Coverage | Start: 01-12-2013 Expiry: 30-11-2033 Tradeable | |
|  | one.Vip DOO Skopje | 1865 - 1880 MHz (DL) 1770 - 1785 MHz (UL) | IMT | GSM/LTE | National Coverage | Start: 01-12-2013 Expiry: 30-11-2033 Tradeable | |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | one.Vip DOO Skopje | 2125 - 2135 MHz (DL) 1935 - 1945 MHz (UL) | MFCN | UMTS | National Coverage | Start: 11-02-2008 Expiry: 11-02-2028 Tradeable | |
|  | Makedonski Telekom AD Skopje | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | MFCN | UMTS | National Coverage | Start: 17-12-2008 Expiry: 17-12-2028 Tradeable | |

3.5 GHz Band




3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------|-------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | NEOTEL | 3545 - 3576.5 MHz | Fixed | WiMAX TDD | National Coverage | Start: 21-09-2007 Expiry: 21-09-2027 Tradeable | |

Malta (2018)








800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | GO plc. | 791 - 800 MHz (DL) 832 - 841 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 09-04-2018 Expiry: 08-04-2033 Tradeable | |
|  | Vodafone Malta Limited | 801 - 810 MHz (DL) 842 - 851 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 09-04-2018 Expiry: 08-04-2033 Tradeable | |
|  | Melita Limited | 811 - 820 MHz (DL) 852 - 861 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 09-04-2018 Expiry: 08-04-2033 Tradeable | |




900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Melita Limited | 925 - 930 MHz (DL) 880 - 885 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | GO plc. | 930 - 935 MHz (DL) 885 - 890 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | GO plc. | 935 - 940 MHz (DL) 890 - 895 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | GO plc. | 940 - 945 MHz (DL) 895 - 900 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2028 Tradeable | |
|  | Vodafone Malta Limited | 945 - 950 MHz (DL) 900 - 905 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | Vodafone Malta Limited | 950 - 955 MHz (DL) 905 - 910 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | Vodafone Malta Limited | 955 - 960 MHz (DL) 910 - 915 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |


1800 MHz Mobile Band



1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | GO plc. | 1805 - 1810 MHz (DL) 1710 - 1715 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | GO plc. | 1810 - 1815 MHz (DL) 1715 - 1720 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | GO plc. | 1815 - 1820 MHz (DL) 1720 - 1725 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | GO plc. | 1820 - 1825 MHz (DL) 1725 - 1730 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | Vodafone Malta Limited | 1830 - 1835 MHz (DL) 1735 - 1740 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | Vodafone Malta Limited | 1835 - 1840 MHz (DL) 1740 - 1745 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | Vodafone Malta Limited | 1840 - 1845 MHz (DL) 1745 - 1750 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | Vodafone Malta Limited | 1845 - 1850 MHz (DL) 1750 - 1755 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |
|  | Vodafone Malta Limited | 1850 - 1855 MHz (DL) 1755 - 1760 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 27-08-2011 Expiry: 26-08-2026 Tradeable | |

2 GHz Mobile Band




1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|---------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------------------|
|  | Melita Limited | 1904.9 - 1909.9 MHz | TRA-ECS | UTRA TDD | National Coverage | Start: 16-08-2007 Expiry: 16-08-2022 Tradeable | Spectrum for TDD operation |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|------------------------|---------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------------------|
|  | Vodafone Malta Limited | 1909.9 - 1914.9 MHz | TRA-ECS | UTRA TDD | National Coverage | Start: 29-08-2005 Expiry: 29-08-2020 Tradeable | Spectrum for TDD operation |
|  | GO plc. | 1914.9 - 1919.9 MHz | TRA-ECS | UTRA TDD | National Coverage | Start: 29-08-2005 Expiry: 29-08-2020 Tradeable | Spectrum for TDD operation |



2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|------------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------------------|
|  | GO plc. | 2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL) | TRA-ECS | UTRA FDD | National Coverage | Start: 29-08-2005 Expiry: 29-08-2020 Tradeable | Spectrum for FDD operation |
|  | Melita Limited | 2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL) | TRA-ECS | UTRA FDD | National Coverage | Start: 16-08-2007 Expiry: 16-08-2022 Tradeable | Spectrum for FDD operation |
|  | Vodafone Malta Limited | 2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL) | TRA-ECS | UTRA FDD | National Coverage | Start: 29-08-2005 Expiry: 29-08-2020 Tradeable | Spectrum for FDD operation |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-------------------------------------------------------------------------------------|------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | GO plc. | 2620 - 2659 MHz (DL) 2500 - 2539 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 09-04-2018 Expiry: 08-04-2033 Tradeable | |
|  | Vodafone Malta Limited | 2660 - 2690 MHz (DL) 2540 - 2569 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 09-04-2018 Expiry: 08-04-2033 Tradeable | |

2.6 GHz Mobile Band



2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-------------------------------------------------------------------------------------|------------------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Vodafone Malta Limited | 2570 - 2594 MHz | TRA-ECS | Neutral | National Coverage | Start: 09-04-2018 Expiry: 08-04-2033 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|----------|-------------|-------------|-------------------|----------|-----------------------|----------|
| | | | | | | Tradeable | |

3.5 GHz Band




3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------|----------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | GO plc. | 3511.75 - 3532.75 MHz (DL) 3411.75 - 3432.75 MHz (UL) | BWA | | National Coverage | Start: 21-10-2005 Expiry: 21-10-2020 Tradeable | |
|  | Vodafone Malta Limited | 3567.75 - 3588.75 MHz (DL) 3467.75 - 3488.75 MHz (UL) | BWA | | National Coverage | Start: 21-10-2005 Expiry: 21-10-2020 Tradeable | |

Moldova (2016)





800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Orange Moldova | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | IMT | LTE | National Coverage | Start: 01-11-2014 Expiry: 30-11-2029 Tradeable | Partially tradable |
|  | Orange Moldova | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | IMT | LTE | National Coverage | Start: 24-11-2015 Expiry: 05-11-2029 Tradeable | Partially tradable |
|  | Moldcell | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | IMT | LTE | National Coverage | Start: 24-11-2015 Expiry: 05-11-2029 Tradeable | Partially tradable |


900 MHz Mobile Band



880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Orange Moldova | 925 - 930 MHz (DL) 880 - 885 MHz (UL) | MFCN | GSM | National Coverage | Start: 24-11-2015 Expiry: 05-11-2029 Tradeable | Partially tradable |
|  | Moldcell | 935 - 945 MHz (DL) 890 - 900 MHz (UL) | MFCN | GSM | National Coverage | Start: 01-11-2014 Expiry: 30-11-2029 Tradeable | Partially tradable |
|  | Moldtelecom | 945 - 950 MHz (DL) 900 - 905 MHz (UL) | MFCN | UMTS | National Coverage | Start: 01-11-2014 Expiry: 30-11-2029 Tradeable | Partially tradable |
|  | Orange Moldova | 950 - 960 MHz (DL) 905 - 915 MHz (UL) | MFCN | GSM | National Coverage | Start: 24-11-2015 Expiry: 30-11-2029 Tradeable | Partially tradable |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|--------------------|
|  | Orange Moldova | 1805 - 1830 MHz (DL) 1710 - 1735 MHz (UL) | MFCN | GSM/LTE | National Coverage | Start: 01-11-2014 Expiry: 30-11-2029 | Partially tradable |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
| | | | | | | Tradeable | |
|  | Moldcell | 1830 - 1855 MHz (DL) 1735 - 1760 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 30-11-2029 Tradeable | Partially tradable |
|  | Moldtelecom | 1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL) | MFCN | LTE | National Coverage | Start: 01-11-2014 Expiry: 30-11-2029 Tradeable | Partially tradable |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|---------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Orange Moldova | 1899.9 - 1904.9 MHz | IMT | UMTS TDD | National Coverage | Start: 01-08-2008 Expiry: 31-08-2023 Tradeable | Partially tradable |
|  | Moldtelecom | 1904.9 - 1909.9 MHz | IMT | UMTS TDD | National Coverage | Start: 01-12-2008 Expiry: 31-08-2023 Tradeable | Partially tradable |
|  | Moldcell | 1914.9 - 1919.9 MHz | IMT | UMTS TDD | National Coverage | Start: 01-08-2008 Expiry: 31-08-2023 Tradeable | Partially tradable |



2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Moldcell | 2110.5 - 2125.3 MHz (DL) 1920.5 - 1935.3 MHz (UL) | IMT | UMTS FDD | National Coverage | Start: 01-08-2008 Expiry: 31-08-2023 Tradeable | Partially tradable |
|  | Orange Moldova | 2125.3 - 2140.1 MHz (DL) 1935.3 - 1950.1 MHz (UL) | IMT | UMTS FDD | National Coverage | Start: 01-08-2008 Expiry: 31-08-2023 Tradeable | Partially tradable |
|  | Moldtelecom | 2140.1 - 2154.9 MHz (DL) 1950.1 - 1964.9 MHz (UL) | IMT | UMTS FDD | National Coverage | Start: 01-12-2008 Expiry: 31-12-2023 Tradeable | Partially tradable |

2.6 GHz Mobile Band



2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Moldcell | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | IMT | LTE | National Coverage | Start: 01-11-2012 Expiry: 30-11-2027 Tradeable | Partially tradable |
|  | Orange Moldova | 2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL) | IMT | LTE | National Coverage | Start: 01-11-2012 Expiry: 30-11-2027 Tradeable | Partially tradable |

Montenegro (2018)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------|
|  | MTEL | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-09-2016 Expiry: 01-09-2031 Tradeable | LTE, LTE-Advanced |
|  | Crnogorski Telekom (T-Mobile) | 801 - 821 MHz (DL) 842 - 862 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-09-2016 Expiry: 01-09-2031 Tradeable | LTE, LTE-Advanced |




900 MHz Mobile Band



880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------------------------------------------------|
|  | MTEL | 925 - 935 MHz (DL) 880 - 890 MHz (UL) | TRA-ECS | GSM/UMTS | National Coverage | Start: 21-04-2007 Expiry: 20-04-2022 Tradeable | GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |
|  | Telenor | 935 - 950 MHz (DL) 890 - 905 MHz (UL) | TRA-ECS | GSM/UMTS | National Coverage | Start: 01-01-2017 Expiry: 01-09-2031 Tradeable | GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |
|  | Crnogorski Telekom (T-Mobile) | 950 - 960 MHz (DL) 905 - 915 MHz (UL) | TRA-ECS | GSM/UMTS | National Coverage | Start: 01-01-2017 Expiry: 01-09-2031 Tradeable | GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |

1800 MHz Mobile Band





1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------------------------------------------|
|  | Telenor | 1805 - 1830 MHz (DL) 1710 - 1735 MHz (UL) | TRA-ECS | DCS1800/LTE | National Coverage | Start: 01-01-2017 Expiry: 01-09-2031 Tradeable | GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, LTE, LTE-Advanced |
|  | MTEL | 1830 - 1835 MHz (DL) 1735 - 1740 MHz (UL) | TRA-ECS | DCS1800/LTE | National Coverage | Start: 01-02-2017 Expiry: 01-09-2031 Tradeable | GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, LTE, LTE-Advanced |
|  | Crnogorski Telekom (T-Mobile) | 1835 - 1860 MHz (DL) 1740 - 1765 MHz (UL) | TRA-ECS | | National Coverage | Start: 21-04-2022 Expiry: 01-09-2031 | GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, LTE, LTE-Advanced |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------------------------------------------|
| | | | | | | Tradeable | |
|  | MTEL | 1835 - 1855 MHz (DL) 1740 - 1760 MHz (UL) | TRA-ECS | DCS1800/LTE | National Coverage | Start: 21-04-2007 Expiry: 20-04-2022 Tradeable | GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, LTE, LTE-Advanced |
|  | Crnogorski Telekom (T-Mobile) | 1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL) | TRA-ECS | DCS1800/LTE | National Coverage | Start: 01-01-2017 Expiry: 20-04-2022 Tradeable | GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, LTE, LTE-Advanced |




2 GHz Mobile Band




1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------------|
|  | Crnogorski Telekom (T-Mobile) | 1900 - 1905 MHz | IMT | | National Coverage | Start: 12-04-2022 Expiry: 01-09-2031 Tradeable | UMTS/TDD, DA2GC allowed |
|  | Telenor | 1905 - 1910 MHz | IMT | | National Coverage | Start: 13-04-2007 Expiry: 12-04-2022 Tradeable | UMTS/TDD, DA2GC allowed |
|  | Crnogorski Telekom (T-Mobile) | 1910 - 1915 MHz | IMT | | National Coverage | Start: 12-04-2007 Expiry: 11-04-2022 Tradeable | UMTS/TDD, DA2GC allowed |
|  | MTEL | 1915 - 1920 MHz | IMT | | National Coverage | Start: 21-04-2007 Expiry: 20-04-2022 Tradeable | UMTS/TDD, DA2GC allowed |

2 GHz Mobile Band



1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------------|
|  | Crnogorski Telekom (T-Mobile) | 2110 - 2115 MHz (DL) 1920 - 1925 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 01-02-2017 Expiry: 20-04-2022 Tradeable | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |
|  | Telenor | 2120 - 2140 MHz (DL) 1930 - 1950 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 01-02-2017 Expiry: 20-04-2022 Tradeable | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |
|  | Crnogorski Telekom (T-Mobile) | 2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL) | TRA-ECS | | National Coverage | Start: 21-04-2022 Expiry: 01-09-2031 Tradeable | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|------------------------------------------|
|  | Crnogorski Telekom (T-Mobile) | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 01-02-2017 Expiry: 20-04-2022 Tradeable | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |
|  | Telenor | 2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL) | TRA-ECS | | National Coverage | Start: 21-04-2022 Expiry: 01-09-2031 Tradeable | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |
|  | MTEL | 2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 21-04-2007 Expiry: 20-04-2022 Tradeable | UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+ |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------|
|  | Crnogorski Telekom (T-Mobile) | 2620 - 2630 MHz (DL) 2500 - 2510 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-09-2016 Expiry: 01-09-2031 Tradeable | LTE, LTE-Advanced |
|  | MTEL | 2630 - 2650 MHz (DL) 2510 - 2530 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 01-09-2016 Expiry: 01-09-2031 Tradeable | LTE, LTE-Advanced |


2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|-------------------|
|  | Crnogorski Telekom (T-Mobile) | 2610 - 2615 MHz | TRA-ECS | | National Coverage | Start: 01-09-2016 Expiry: 01-09-2031 Tradeable | LTE, LTE-Advanced |

3.5 GHz Band




3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | MTEL | 3525 - 3550 MHz (DL) 3425 - 3450 MHz (UL) | MFCN | | National Coverage | Start: 23-04-2018 Expiry: 22-04-2022 Tradeable | WiMAX |

Netherlands (2017)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Vodafone Libertel B.V. | 791 - 821 MHz (DL) 832 - 862 MHz (UL) | MFCN | | National Coverage | Start: 01-01-2015 Expiry: 31-12-2029 Tradeable | |
|  | Tele2 Mobiel B.V. | 791 - 821 MHz (DL) 832 - 862 MHz (UL) | MFCN | | National Coverage | Start: 01-01-2015 Expiry: 31-12-2029 Tradeable | |
|  | KPN B.V. | 791 - 821 MHz (DL) 832 - 862 MHz (UL) | MFCN | | National Coverage | Start: 01-01-2015 Expiry: 31-12-2029 Tradeable | |



900 MHz Mobile Band


880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Vodafone Libertel B.V. | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | IMT | | National Coverage | Start: 27-02-2016 Expiry: 26-02-2030 Tradeable | |
|  | KPN B.V. | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | IMT | | National Coverage | Start: 27-02-2016 Expiry: 26-02-2030 Tradeable | |
|  | T-Mobile Netherlands B.V. | 935 - 960 MHz (DL) 890 - 915 MHz (UL) | IMT | | National Coverage | Start: 27-02-2016 Expiry: 26-02-2030 Tradeable | |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | T-Mobile Netherlands B.V. | 1805 - 1880 MHz (DL) 1710 - 1780 MHz (UL) | IMT | | National Coverage | Start: 27-02-2016 Expiry: 26-02-2030 Tradeable | |
|  | KPN B.V. | 1805 - 1875 MHz (DL) 1710 - 1780 MHz (UL) | IMT | | National Coverage | Start: 27-02-2016 Expiry: 26-02-2030 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Vodafone Libertel B.V. | 1805 - 1875 MHz (DL) 1710 - 1780 MHz (UL) | IMT | | National Coverage | Start: 27-02-2016 Expiry: 26-02-2030 Tradeable | |






2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Vodafone Libertel B.V. | 2110 - 2160 MHz (DL) 1920 - 1970 Hz (UL) | MFCN | | National Coverage | Start: 01-01-2006 Expiry: 31-12-2020 Tradeable | |
|  | KPN B.V. | 2120 - 2160 MHz (DL) 1930 - 1970 Hz (UL) | MFCN | | National Coverage | Start: 01-01-2006 Expiry: 31-12-2020 Tradeable | |
|  | T-Mobile Netherlands B.V. | 2120 - 2170 MHz (DL) 1930 - 1980 MHz (UL) | MFCN | | National Coverage | Start: 01-01-2006 Expiry: 31-12-2020 Tradeable | |






2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | T-Mobile Netherlands B.V. | 2620 - 2690 MHz (DL) 2500 - 2570 Hz (UL) | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |
|  | KPN B.V. | 2620 - 2690 MHz (DL) 2500 - 2570 MHz (UL) | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |
|  | ZUM B.V. | 2620 - 2690 MHz (DL) 2500 - 2570 MHz (UL) | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |
|  | Vodafone Libertel B.V. | 2620 - 2690 MHz (DL) 2500 - 2570 MHz (UL) | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |
|  | Tele2 Mobiel B.V. | 2620 - 2690 MHz (DL) 2500 - 2570 MHz (UL) | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |

2.6 GHz Mobile Band







2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | ZUM B.V. | 2570 - 2620 MHz | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |
|  | Vodafone Libertel B.V. | 2570 - 2620 MHz | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |
|  | T-Mobile Netherlands B.V. | 2570 - 2620 MHz | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |
|  | KPN B.V. | 2570 - 2620 MHz | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |
|  | Tele2 Mobiel B.V. | 2570 - 2620 MHz | MFCN | | National Coverage | Start: 12-05-2016 Expiry: 11-05-2030 Tradeable | |

Norway (2017)





800 MHz Mobile Band (the UHF band)



790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------|------------------------------------------|------------------|-------------------|-------------------------------------|------------------------------------------------------|----------|
|  | TampNet | 791 - 811 MHz (DL) 832 - 852 MHz (UL) | Digital cellular | | Regional/local coverage Offshore | Start: 27-08-2014 Expiry: 31-12-2033 Tradeable | |
|  | ICE Communication Norge AS | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |
|  | Telenor Norge AS | 801 - 821 MHz (DL) 842 - 862 MHz (UL) | Digital cellular | | Regional/local coverage Svalbard | Start: 01-05-2014 Expiry: 31-12-2033 Tradeable | |
|  | Telia Norge AS | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |
|  | Telenor Norge AS | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |
|  | Telenor Maritime AS | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | Digital cellular | | Regional/local coverage Offshore | Start: 27-08-2014 Expiry: 31-12-2033 Tradeable | |

900 MHz Mobile Band











880-915 MHz / 925-960 MHz (paired frequency arrangement)




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|------------------|-------------------|----------------------------------------------------------------|------------------------------------------------------|----------|
|  | Statoil Petroleum AS | 925 - 935.1 MHz (DL) 880 - 890.1 MHz (UL) | Digital cellular | | Regional/local coverage Petroleumssinnretninger offshore | Start: 05-07-2013 Expiry: 31-12-2033 Tradeable | |
|  | ICE Communication Norge AS | 925 - 930.1 MHz (DL) 880 - 885.1 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |
|  | MegaFon | 930 - 934.6 MHz (DL) 885 - 889.6 MHz (UL) | Digital cellular | | Regional/local coverage Land area of Svalbard | Start: 11-05-2009 Expiry: 31-12-2019 Tradeable | |
|  | Telia Norge AS | 930.1 - 935.1 MHz (DL) 885.1 - 890.1 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------|--------------------------------------------------|------------------|-------------------|---------------------------------------------------------------|------------------------------------------------------|----------|
|  | Statoil Petroleum AS | 944.9 - 949.9 MHz (DL) 899.9 - 904.9 MHz (UL) | Digital cellular | | Regional/local coverage Petroliumsinnretninger offshore | Start: 05-07-2013 Expiry: 31-12-2033 Tradeable | |
|  | Telenor Norge AS | 944.9 - 949.9 MHz (DL) 899.9 - 904.9 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |

1800 MHz Mobile Band









1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------|----------------------------------------------|------------------|-------------------|---------------------------------------------------------------|------------------------------------------------------|----------|
|  | TampNet | 1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL) | Digital cellular | | Regional/local coverage Petroliumsinnretninger offshore | Start: 20-03-2013 Expiry: 31-12-2033 Tradeable | |
|  | Mjølner Telecom AS | 1805 - 1810 MHz (DL) 1710 - 1715 MHz (UL) | Digital cellular | | Regional/local coverage Svalbard | Start: 01-01-2015 Expiry: 31-12-2033 Tradeable | |
|  | Telia Norge AS | 1805 - 1810 MHz (DL) 1710 - 1715 MHz (UL) | Digital cellular | | National Coverage | Start: 01-02-2016 Expiry: 31-12-2033 Tradeable | |
|  | Telenor Norge AS | 1810 - 1820 MHz (DL) 1715 - 1725 MHz (UL) | Digital cellular | | National Coverage | Start: 01-02-2016 Expiry: 31-12-2033 Tradeable | |
|  | Telenor Norge AS | 1820 - 1830 MHz (DL) 1725 - 1735 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |
|  | Telia Norge AS | 1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL) | Digital cellular | | Regional/local coverage Petroliumsinnretninger offshore | Start: 20-03-2013 Expiry: 31-12-2033 Tradeable | |
|  | Telenor Norge AS | 1830 - 1840 MHz (DL) 1735 - 1745 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2028 Tradeable | |
|  | Telia Norge AS | 1840 - 1850 MHz (DL) 1745 - 1755 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |
|  | Statoil Petroleum AS | 1845 - 1865 MHz (DL) 1750 - 1770 MHz (UL) | Digital cellular | | Regional/local coverage Petroliumsinnretninger offshore | Start: 20-03-2013 Expiry: 31-12-2033 Tradeable | |
|  | Telia Norge AS | 1850 - 1860 MHz (DL) 1755 - 1765 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------|----------------------------------------------|------------------|-------------------|-------------------------------------|------------------------------------------------------|----------|
|  | Telenor Norge AS | 1860 - 1880 MHz (DL) 1765 - 1785 MHz (UL) | Digital cellular | | Regional/local coverage Svalbard | Start: 26-09-2013 Expiry: 31-12-2033 Tradeable | |
|  | ICE Communication Norge AS | 1860 - 1880 MHz (DL) 1765 - 1785 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2014 Expiry: 31-12-2033 Tradeable | |
|  | Telenor Maritime AS | 1865 - 1880 MHz (DL) 1770 - 1785 MHz (UL) | Digital cellular | | Regional/local coverage Offshore | Start: 27-02-2015 Expiry: 31-12-2033 Tradeable | |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------|------------------|-------------------|-----------------------------------------------------------|------------------------------------------------------|----------|
|  | Telia Norge AS | 2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL) | Digital cellular | | National Coverage | Start: 01-12-2012 Expiry: 31-12-2032 Tradeable | |
|  | Telia Norge AS | 2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL) | Digital cellular | | Regional/local coverage Svalbard | Start: 22-05-2013 Expiry: 31-12-2032 Tradeable | |
|  | Telenor Norge AS | 2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL) | Digital cellular | | National Coverage | Start: 01-12-2012 Expiry: 31-12-2032 Tradeable | |
|  | Telenor Norge AS | 2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL) | Digital cellular | | Regional/local coverage Svalbard | Start: 22-04-2013 Expiry: 31-12-2032 Tradeable | |
|  | Telenor Maritime AS | 2130.1 - 2135.1 MHz (DL) 1940.1 - 1945.1 MHz (UL) | Digital cellular | | Regional/local coverage Godkjente skip i norsk farvann | Start: 01-11-2015 Expiry: 31-12-2020 Tradeable | |
|  | Telia Norge AS | 2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL) | Digital cellular | | Regional/local coverage Svalbard | Start: 22-04-2013 Expiry: 31-12-2032 Tradeable | |
|  | Ice Communication Norge AS | 2149.9 - 2154.9 MHz (DL) 1959.9 - 1964.9 MHz (UL) | Digital cellular | | National Coverage | Start: 01-12-2012 Expiry: 31-12-2032 Tradeable | |
|  | Telia Norge AS | 2154.9 - 2169.7 MHz (DL) 1964.9 - 1979.7 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2008 Expiry: 31-12-2019 Tradeable | |







2 GHz Mobile Band

2010-2025 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------|-----------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Inquam Norway | 2010 - 2025 MHz | Digital cellular | | National Coverage | Start: 01-01-2008 Expiry: 31-12-2022 Tradeable | |


2300 MHz - 2400 MHz Mobile Band





2300 MHz - 2400 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------|-----------------|---------------------|-------------------|-------------------------------------------------------------------------|------------------------------------------------------|----------|
|  | Engie E&P Norge AS | 2300 - 2320 MHz | Digital cellular | | Regional/local coverage Offshore, Gjøafeltet, block 35/9 and 36/7 | Start: 01-10-2009 Expiry: 31-12-2021 Tradeable | |
|  | NextGenTel AS | 2301 - 2323 MHz | Point-to-Multipoint | | Regional/local coverage Region 1, 2, 3, 5 og 6 | Start: 18-09-2006 Expiry: 31-12-2019 Tradeable | |
|  | Norkring AS | 2336 - 2356 MHz | Point-to-Multipoint | | Regional/local coverage Gardermoen Lufthavn | Start: 17-02-2004 Expiry: 31-12-2019 Tradeable | |
|  | TV2 AS | 2356 - 2366 MHz | Point-to-Multipoint | | Regional/local coverage Gardermoen Lufthavn | Start: 17-02-2004 Expiry: 31-12-2019 Tradeable | |
|  | Discovery Networks Norway AS | 2366 - 2376 MHz | Point-to-Multipoint | | Regional/local coverage Gardermoen Lufthavn | Start: 17-02-2004 Expiry: 31-12-2019 Tradeable | |
|  | Norsk rikskringkasting AS | 2376 - 2386 MHz | Point-to-Multipoint | | Regional/local coverage Gardermoen Lufthavn | Start: 17-02-2004 Expiry: 31-12-2019 Tradeable | |

2.6 GHz Mobile Band


2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------|-----------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | NextNet AS | 2560 - 2570 MHz | Digital cellular | | National Coverage | Start: 01-01-2008 Expiry: 31-12-2022 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|----------------------------------------------|------------------|-------------------|--------------------------------------------------------|------------------------------------------------------|----------|
|  | NextNet AS | 2680 - 2690 MHz (DL) 2560 - 2570 Hz (UL) | Digital cellular | | National Coverage | Start: 01-01-2008 Expiry: 31-12-2022 Tradeable | |
|  | Telia Norge AS | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2008 Expiry: 31-12-2022 Tradeable | |
|  | Telenor ASA | 2640 - 2680 MHz (DL) 2520 - 2560 MHz (UL) | Digital cellular | | National Coverage | Start: 01-01-2008 Expiry: 31-12-2022 Tradeable | |
|  | Telenor Norge AS | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | Digital cellular | | Regional/local coverage Svalbard unntatt Ny-Ålesund | Start: 23-03-2011 Expiry: 31-12-2022 Tradeable | |






2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|-----------------|------------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Cayman Spectrum (NO) Co | 2570 - 2620 MHz | Digital cellular | | National Coverage | Start: 01-01-2008 Expiry: 31-12-2022 Tradeable | |






3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------|------------------------------------------------------|------------------|-------------------|---------------------------------------|------------------------------------------------------|----------|
|  | Get | 3413.5 - 3434.5 MHz (DL) 3513.5 - 3534.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 1-5 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3413.5 - 3417 MHz (DL) 3513.5 - 3517 MHz (UL) | Digital cellular | | Regional/local coverage Region 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3417 - 3420.5 MHz (DL) 3517 - 3520.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3420.5 - 3424 MHz (DL) 3520.5 - 3524 MHz (UL) | Digital cellular | | Regional/local coverage Region 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Ceragon Networks AS | 3424 - 3427.5 MHz (DL) 3524 - 3527.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 6 | Start: 22-12-2004 Expiry: 31-12-2022 | |



| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------|--------------------------------------------------|------------------|-------------------|------------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Ceragon Networks AS | 3427.5 - 3431 MHz (DL) 3527.5 - 3531 MHz (UL) | Digital cellular | | Regional/local coverage Region 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Ceragon Networks AS | 3431 - 3434.5 MHz (DL) 3531 - 3534.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3434.5 - 3438 MHz (DL) 3534.5 - 3538 MHz (UL) | Digital cellular | | Regional/local coverage Region 1 og 5 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Ceragon Networks AS | 3434.5 - 3438 MHz (DL) 3534.5 - 3538 MHz (UL) | Digital cellular | | Regional/local coverage Region 4 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Vestlink | 3434.5 - 3438 MHz (DL) 3534.5 - 3538 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 18-03-2005 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3438 - 3441.5 MHz (DL) 3538 - 3541.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 1, 2 og 5 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Ceragon Networks AS | 3438 - 3441.5 MHz (DL) 3538 - 3541.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 4 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Vestlink | 3438 - 3441.5 MHz (DL) 3538 - 3541.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 18-03-2005 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3441.5 - 3445 MHz (DL) 3541.5 - 3545 MHz (UL) | Digital cellular | | Regional/local coverage Region 1, 2 og 5 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Ceragon Networks AS | 3441.5 - 3445 MHz (DL) 3541.5 - 3545 MHz (UL) | Digital cellular | | Regional/local coverage Region 4 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Vestlink | 3441.5 - 3445 MHz (DL) 3541.5 - 3545 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 18-03-2005 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3445 - 3448.5 MHz (DL) 3545 - 3548.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 1, 2, 5 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Ceragon Networks AS | 3445 - 3448.5 MHz (DL) 3545 - 3548.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 4 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Vestlink | 3445 - 3448.5 MHz (DL) 3545 - 3548.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 18-03-2005 Expiry: 31-12-2022 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------|--------------------------------------------------|------------------|-------------------|---------------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | NextGenTel AS | 3448.5 - 3452 MHz (DL) 3548.5 - 3552 MHz (UL) | Digital cellular | | Regional/local coverage Region 1-6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Telenor Norge AS | 3452 - 3473 MHz (DL) 3552 - 3573 MHz (UL) | Digital cellular | | Regional/local coverage Region 1-6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3473 - 3476.5 MHz (DL) 3573 - 3576.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 1-6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3476.5 - 3480 MHz (DL) 3576.5 - 3580 MHz (UL) | Digital cellular | | Regional/local coverage Region 1-6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3480 - 3483.5 MHz (DL) 3580 - 3583.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3480 - 3483.5 MHz (DL) 3580 - 3583.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 1, 2, 4, 5 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3483.5 - 3485 MHz (DL) 3583.5 - 3585 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3483.5 - 3485 MHz (DL) 3583.5 - 3585 MHz (UL) | Digital cellular | | Regional/local coverage Region 1, 2, 4, 5 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3485 - 3487 MHz (DL) 3585 - 3587 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3485 - 3487 MHz (DL) 3585 - 3587 MHz (UL) | Digital cellular | | Regional/local coverage Region 1, 2, 4, 5 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3487 - 3490.5 MHz (DL) 3587 - 3590.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 4 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3487 - 3490.5 MHz (DL) 3587 - 3590.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 1, 2, 3, 5 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Broadnet AS | 3490.5 - 3494 MHz (DL) 3590.5 - 3594 MHz (UL) | Digital cellular | | Regional/local coverage Region 4 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3490.5 - 3494 MHz (DL) 3590.5 - 3594 MHz (UL) | Digital cellular | | Regional/local coverage Region 1, 2, 3, 5 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------|--------------------------------------------------|------------------|-------------------|---------------------------------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Broadnet AS | 3494 - 3497.5 MHz (DL) 3594 - 3597.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 4 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3494 - 3497.5 MHz (DL) 3594 - 3597.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 5 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Vestlink | 3494 - 3497.5 MHz (DL) 3594 - 3597.5 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 18-03-2005 Expiry: 31-12-2022 Tradeable | |
|  | NextGenTel AS | 3497.5 - 3500 MHz (DL) 3597.5 - 3600 MHz (UL) | Digital cellular | | Regional/local coverage Region 4, 5 og 6 | Start: 22-12-2004 Expiry: 31-12-2022 Tradeable | |
|  | Vestlink | 3497.5 - 3500 MHz (DL) 3597.5 - 3600 MHz (UL) | Digital cellular | | Regional/local coverage Region 3 | Start: 18-03-2005 Expiry: 31-12-2022 Tradeable | |

3.7 GHz Band







3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------|-----------------|------------------|-------------------|----------------------------------------------------------|------------------------------------------------------|----------|
|  | Telenor Norge AS | 3610 - 3700 MHz | Digital cellular | | Regional/local coverage Gjelder også de indre farvann | Start: 01-02-2016 Expiry: 31-12-2022 Tradeable | |
|  | Telia Norge AS | 3700 - 3800 MHz | Digital cellular | | Regional/local coverage Gjelder også de indre farvann | Start: 01-02-2016 Expiry: 31-12-2022 Tradeable | |

Poland (2017)





900 MHz Mobile Band


880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | P4 Sp. z o.o. | 925.1 - 930.1 MHz (DL) 880.1 - 885.1 MHz (UL) | GSM | Neutral | National Coverage | Start: 09-12-2008 Expiry: 31-12-2023 Tradeable | |
|  | Aero 2 Sp. z o.o. | 930.1 - 935.1 MHz (DL) 885.1 - 890.1 MHz (UL) | IMT | Neutral | National Coverage | Start: 09-12-2008 Expiry: 31-12-2023 Tradeable | |
|  | POLKOMTEL S.A. | 935.1 - 937.9 MHz (DL) 890.1 - 892.9 MHz (UL) | GSM | Neutral | National Coverage | Start: 23-02-1996 Expiry: 24-02-2026 Tradeable | |
|  | T-Mobile Polska S.A. | 937.9 - 942.3 MHz (DL) 892.9 - 897.3 MHz (UL) | GSM | Neutral | National Coverage | Start: 23-02-1996 Expiry: 24-02-2026 Tradeable | |
|  | POLKOMTEL S.A. | 942.3 - 948.5 MHz (DL) 897.3 - 903.5 MHz (UL) | GSM | Neutral | National Coverage | Start: 23-02-1996 Expiry: 24-02-2026 Tradeable | |
|  | T-Mobile Polska S.A. | 948.7 - 952.9 MHz (DL) 903.5 - 908.1 MHz (UL) | GSM | Neutral | National Coverage | Start: 23-02-1996 Expiry: 24-02-2026 Tradeable | |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------|------------------------------------------------------|-------------|----------------------|-------------------|------------------------------------------------------|----------|
|  | CenterNet S.A. | 1805.1 - 1814.9 MHz (DL) 1710.1 - 1719.9 MHz (UL) | GSM | Neutral (LTE in use) | National Coverage | Start: 30-11-2007 Expiry: 31-12-2022 Tradeable | |
|  | Mobyland Sp. z o.o. | 1815.1 - 1824.9 MHz (DL) 1720.1 - 1729.9 MHz (UL) | GSM | Neutral (LTE in use) | National Coverage | Start: 30-11-2007 Expiry: 31-12-2022 Tradeable | |
|  | P4 Sp. z o.o. | 1824.9 - 1839.9 MHz (DL) 1729.9 - 1744.9 MHz (UL) | GSM | Neutral | National Coverage | Start: 14-06-2013 Expiry: 31-12-2027 Tradeable | |
|  | T-Mobile Polska S.A. | 1839.9 - 1849.9 MHz (DL) 1744.9 - 1754.9 MHz (UL) | - | Neutral | National Coverage | Start: 14-06-2013 Expiry: 31-12-2027 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Orange Polska S.A. | 1855.3 - 1864.9 MHz (DL) 1760.3 - 1769.9 MHz (UL) | GSM | Neutral | National Coverage | Start: 21-08-1997 Expiry: 22-08-2027 Tradeable | |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------|---------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | P4 Sp. z o.o. | 1900.1 - 1905.1 MHz | IMT | Neutral | National Coverage | Start: 23-08-2005 Expiry: 31-12-2022 Tradeable | |
|  | Polska Telefonía Cyfrowa S.A. | 1910.1 - 1915.1 MHz | IMT | Neutral | National Coverage | Start: 20-12-2000 Expiry: 01-01-2023 Tradeable | |
|  | Orange Polska S.A. | 1915.1 - 1920.1 MHz | IMT | Neutral | National Coverage | Start: 20-12-2000 Expiry: 01-01-2023 Tradeable | |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------|------------------------------------------------------|-------------|-----------------------|-------------------|------------------------------------------------------|----------|
|  | Orange Polska S.A. | 2110.5 - 2125.3 MHz (DL) 1920.5 - 1935.3 MHz (UL) | IMT | Neutral (UMTS in use) | National Coverage | Start: 20-12-2000 Expiry: 01-01-2023 Tradeable | |
|  | POLKOMTEL Sp. z o.o. | 2140.1 - 2154.9 MHz (DL) 1950.1 - 1964.9 MHz (UL) | IMT | Neutral (UMTS in use) | National Coverage | Start: 20-12-2000 Expiry: 01-01-2023 Tradeable | |
|  | P4 Sp. z o.o. | 2154.9 - 2169.7 MHz (DL) 1964.9 - 1979.7 MHz (UL) | IMT | Neutral (UMTS in use) | National Coverage | Start: 20-12-2000 Expiry: 31-12-2022 Tradeable | |

2.6 GHz Mobile Band


2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------|-----------------|-------------|-----------------------|-------------------|-----------------------------------------|----------|
|  | Aero 2 Sp. z o.o. | 2570 - 2620 MHz | - | Neutral (UMTS in use) | National Coverage | Start: 10-11-2009 Expiry: 31-12-2024 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|----------|-------------|-------------|-------------------|----------|-----------------------|----------|
| | | | | | | Tradeable | |

3.7 GHz Band

3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------|---------------------|-------------------|---------------------------------------------|---------------------------------|----------|
|  | Clearwire Polska Sp. z o.o. | 3602.75 - 3702.75 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Clearwire Polska Sp. z o.o. | 3606.25 - 3706.25 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Clearwire Polska Sp. z o.o. | 3609.75 - 3709.75 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Clearwire Polska Sp. z o.o. | 3613.25 - 3713.25 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Naukowa i Akademicka Sieć Komputerowa NASK | 3630.75 - 3730.75 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Naukowa i Akademicka Sieć Komputerowa NASK | 3634.25 - 3734.25 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Naukowa i Akademicka Sieć Komputerowa NASK | 3637.75 - 3737.75 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Naukowa i Akademicka Sieć Komputerowa NASK | 3641.25 - 3741.25 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Netia S.A. | 3644.75 - 3744.75 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Netia S.A. | 3644.75 - 3744.75 MHz | Point-to-Multipoint | | One Transmitter Long:21E3534 Lat:52N4540 | Expiry: 31-10-2021 Tradeable | |
|  | Netia S.A. | 3648.25 - 3748.25 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Netia S.A. | 3648.25 - 3748.25 MHz | Point-to-Multipoint | | One Transmitter Long:21E3534 Lat:52N4540 | Expiry: 31-10-2021 Tradeable | |
|  | Netia S.A. | 3651.75 - 3751.75 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Netia S.A. | 3651.75 - 3751.75 MHz | Point-to-Multipoint | | One Transmitter Long:21E3534 Lat:52N4540 | Expiry: 31-10-2021 Tradeable | |
|  | Netia S.A. | 3655.25 - 3755.25 MHz | Point-to-Multipoint | | National Coverage | Expiry: 31-01-2020 Tradeable | |
|  | Netia S.A. | 3655.25 - 3755.25 MHz | Point-to-Multipoint | | One Transmitter Long:21E3534 Lat:52N4540 | Expiry: 31-10-2021 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|---------------------------|-----------------------|---------------------|-------------------|---------------------------------------------|---------------------------------|----------|
| | Espol Sp. z o.o. | 3658.75 - 3758.75 MHz | Point-to-Multipoint | | One Transmitter Long:14E2854 Lat:53N1939 | Expiry: 30-11-2020 Tradeable | |
| | Województwo Wielkopolskie | 3658.75 - 3758.75 MHz | Point-to-Multipoint | | One Transmitter Long:18E1231 Lat:52N0918 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3658.75 - 3758.75 MHz | Point-to-Multipoint | | One Transmitter Long:18E3923 Lat:52N1120 | Expiry: 31-10-2021 Tradeable | |
| | Espol Sp.z o.o. | 3662.25 - 3762.25 MHz | Point-to-Multipoint | | One Transmitter Long:14E2854 Lat:53N1939 | Expiry: 30-11-2020 Tradeable | |
| | Województwo Wielkopolskie | 3662.25 - 3762.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E1231 Lat:52N0918 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3662.25 - 3762.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E0956 Lat:52N0416 | Expiry: 31-08-2021 Tradeable | |
| | Województwo Wielkopolskie | 3662.25 - 3762.25 MHz | Point-to-Multipoint | | One Transmitter Long:16E0731 Lat:52N0638 | Expiry: 30-09-2021 Tradeable | |
| | Województwo Wielkopolskie | 3662.25 - 3762.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E3923 Lat:52N1120 | Expiry: 31-10-2021 Tradeable | |
| | Województwo Wielkopolskie | 3662.25 - 3762.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E4913 Lat:52N0515 | Expiry: 31-10-2021 Tradeable | |
| | Espol Sp. z o.o. | 3665.75 - 3765.75 MHz | Point-to-Multipoint | | One Transmitter Long:14E2854 Lat:53N2534 | Expiry: 30-11-2020 Tradeable | |
| | Województwo Wielkopolskie | 3665.75 - 3765.75 MHz | Point-to-Multipoint | | One Transmitter Long:18E1231 Lat:52N0918 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3665.75 - 3765.75 MHz | Point-to-Multipoint | | One Transmitter Long:18E0956 Lat:52N0638 | Expiry: 31-08-2021 Tradeable | |
| | Województwo Wielkopolskie | 3665.75 - 3765.75 MHz | Point-to-Multipoint | | One Transmitter Long:16E0731 Lat:52N0638 | Expiry: 30-09-2021 Tradeable | |
| | Województwo Wielkopolskie | 3665.75 - 3765.75 MHz | Point-to-Multipoint | | One Transmitter Long:18E3923 Lat:52N1120 | Expiry: 31-10-2021 Tradeable | |
| | Espol Sp. z o.o. | 3669.25 - 3769.25 MHz | Point-to-Multipoint | | One Transmitter Long:14E2854 Lat:53N2534 | Expiry: 30-11-2020 Tradeable | |
| | Województwo Wielkopolskie | 3669.25 - 3769.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E1231 Lat:52N0918 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3669.25 - 3769.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E0956 Lat:52N0416 | Expiry: 31-08-2021 Tradeable | |
| | Województwo Wielkopolskie | 3669.25 - 3769.25 MHz | Point-to-Multipoint | | One Transmitter Long:16E0731 Lat:52N0638 | Expiry: 30-09-2021 Tradeable | |
| | Województwo Wielkopolskie | 3669.25 - 3769.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E3923 Lat:52N1120 | Expiry: 31-10-2021 Tradeable | |




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|------------------------------|-----------------------|---------------------|-------------------|---------------------------------------------|---------------------------------|----------|
| | Województwo Wielkopolskie | 3669.25 - 3769.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E4913 Lat:52N0515 | Expiry: 31-10-2021 Tradeable | |
| | Complex Computers Sp. z o.o. | 3672.75 - 3772.75 MHz | Point-to-Multipoint | | One Transmitter Long:20E3659 Lat:50N5351 | Expiry: 31-05-2020 Tradeable | |
| | Complex Computers Sp. z o.o. | 3672.75 - 3772.75 MHz | Point-to-Multipoint | | One Transmitter Long:20E3754 Lat:50N5235 | Expiry: 31-05-2020 Tradeable | |
| | Województwo Wielkopolskie | 3672.75 - 3772.75 MHz | Point-to-Multipoint | | One Transmitter Long:17E3435 Lat:52N1939 | Expiry: 31-10-2020 Tradeable | |
| | Województwo Wielkopolskie | 3672.75 - 3772.75 MHz | Point-to-Multipoint | | One Transmitter Long:17E2913 Lat:52N1224 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3672.75 - 3772.75 MHz | Point-to-Multipoint | | One Transmitter Long:18E0956 Lat:52N0416 | Expiry: 30-09-2021 Tradeable | |
| | Complex Computers Sp. z o.o. | 3676.25 - 3776.25 MHz | Point-to-Multipoint | | One Transmitter Long:20E3659 Lat:50N5351 | Expiry: 31-05-2020 Tradeable | |
| | Complex Computers Sp. z o.o. | 3676.25 - 3776.25 MHz | Point-to-Multipoint | | One Transmitter Long:20E3754 Lat:50N5235 | Expiry: 31-05-2020 Tradeable | |
| | Województwo Wielkopolskie | 3676.25 - 3776.25 MHz | Point-to-Multipoint | | One Transmitter Long:17E3435 Lat:52N1939 | Expiry: 31-10-2020 Tradeable | |
| | Województwo Wielkopolskie | 3676.25 - 3776.25 MHz | Point-to-Multipoint | | One Transmitter Long:17E2913 Lat:52N1224 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3676.25 - 3776.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E0956 Lat:52N0416 | Expiry: 30-09-2021 Tradeable | |
| | Województwo Wielkopolskie | 3676.25 - 3776.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E3923 Lat:52N1255 | Expiry: 31-10-2021 Tradeable | |
| | Complex Computers Sp. z o.o. | 3679.75 - 3779.75 MHz | Point-to-Multipoint | | One Transmitter Long:20E3659 Lat:50N5351 | Expiry: 31-05-2020 Tradeable | |
| | Complex Computers Sp. z o.o. | 3679.75 - 3779.75 MHz | Point-to-Multipoint | | One Transmitter Long:20E3754 Lat:50N5235 | Expiry: 31-05-2020 Tradeable | |
| | Województwo Wielkopolskie | 3679.75 - 3779.75 MHz | Point-to-Multipoint | | One Transmitter Long:17E3435 Lat:52N1939 | Expiry: 31-10-2020 Tradeable | |
| | Województwo Wielkopolskie | 3679.75 - 3779.75 MHz | Point-to-Multipoint | | One Transmitter Long:17E2913 Lat:52N1224 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3679.75 - 3779.75 MHz | Point-to-Multipoint | | One Transmitter Long:18E0956 Lat:52N0416 | Expiry: 30-09-2021 Tradeable | |
| | Województwo Wielkopolskie | 3679.75 - 3779.75 MHz | Point-to-Multipoint | | One Transmitter Long:18E3923 Lat:52N1255 | Expiry: 31-10-2021 Tradeable | |
| | Complex Computers Sp.z o.o. | 3683.25 - 3783.25 MHz | Point-to-Multipoint | | One Transmitter Long:20E3659 Lat:50N5351 | Expiry: 31-05-2020 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|------------------------------|-----------------------|---------------------|-------------------|---------------------------------------------|---------------------------------|----------|
| | Complex Computers Sp. z o.o. | 3683.25 - 3783.25 MHz | Point-to-Multipoint | | One Transmitter Long:20E3754 Lat:50N5235 | Expiry: 31-05-2020 Tradeable | |
| | Województwo Wielkopolskie | 3683.25 - 3783.25 MHz | Point-to-Multipoint | | One Transmitter Long:17E3435 Lat:52N1939 | Expiry: 31-10-2020 Tradeable | |
| | Województwo Wielkopolskie | 3683.25 - 3783.25 MHz | Point-to-Multipoint | | One Transmitter Long:17E2813 Lat:52N1224 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3683.25 - 3783.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E0956 Lat:52N0416 | Expiry: 30-09-2021 Tradeable | |
| | Województwo Wielkopolskie | 3683.25 - 3783.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E0956 Lat:52N0416 | Expiry: 30-09-2021 Tradeable | |
| | Województwo Wielkopolskie | 3683.25 - 3783.25 MHz | Point-to-Multipoint | | One Transmitter Long:18E3923 Lat:52N1255 | Expiry: 31-10-2021 Tradeable | |
| | Województwo Wielkopolskie | 3683.25 - 3783.25 MHz | Point-to-Multipoint | | One Transmitter Long:19E1218 Lat:51N1606 | Expiry: 31-10-2020 Tradeable | |
| | Województwo Wielkopolskie | 3686.75 - 3786.75 MHz | Point-to-Multipoint | | One Transmitter Long:17E2913 Lat:52N1224 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3686.75 - 3786.75 MHz | Point-to-Multipoint | | One Transmitter Long:19E1218 Lat:51N5634 | Expiry: 31-10-2020 Tradeable | |
| | Województwo Wielkopolskie | 3690.25 - 3790.25 MHz | Point-to-Multipoint | | One Transmitter Long:17E2913 Lat:52N1224 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3693.75 - 3793.75 MHz | Point-to-Multipoint | | One Transmitter Long:17E2913 Lat:52N1224 | Expiry: 31-07-2021 Tradeable | |
| | Województwo Wielkopolskie | 3697.25 - 3797.25 MHz | Point-to-Multipoint | | One Transmitter Long:17E2913 Lat:52N1224 | Expiry: 31-07-2021 Tradeable | |

Portugal (2017)




800 MHz Mobile Band (the UHF band)


790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------|-------------|--------------------|-------------------|------------------------------------------------------|------------|
|  | MEO - Serviços de Comunicações e Multimédia, S.A. | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 10 MHz |
|  | VODAFONE PORTUGAL Comunicações Pessoais, S.A. | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 10 MHz |
|  | NOS Comunicações, S.A. | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 10 MHz |

900 MHz Mobile Band




880-915 MHz / 925-960 MHz (paired frequency arrangement)




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|-------------|
|  | VODAFONE PORTUGAL Comunicações Pessoais, S.A. | 930 - 935 MHz (DL) 885 - 890 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be part of the annex of the Decision | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 5 MHz |
|  | VODAFONE PORTUGAL Comunicações Pessoais, S.A. | 935.1 - 940.1 MHz (DL) 890.1 - 895.1 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be part of the annex of the Decision | National Coverage | Start: 19-10-2006 Expiry: 19-10-2021 Tradeable | 2 x 5 MHz |
|  | NOS Comunicações, S.A. | 943.1 - 950.9 MHz (DL) 898.1 - 905.9 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/ | National Coverage | Start: 20-11-2012 Expiry: 20-11-2027 Tradeable | 2 x 7.8 MHz |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|-----------|
| | | | | UE, as well as other systems that may be part of the annex of the Decision | | | |
|  | MEO - Serviços de Comunicações e Multimédia, S.A. | 950.9 - 958.9 MHz (DL) 905.9 - 913.9 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be part of the annex of the Decision | National Coverage | Start: 16-03-2007 Expiry: 16-03-2022 Tradeable | 2 x 8 MHz |

1800 MHz Mobile Band


1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)



| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|------------|
|  | VODAFONE PORTUGAL Comunicações Pessoais. S.A. | - 1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be part of the annex of the Decision | National Coverage | Start: 19-10-2006 Expiry: 19-10-2021 Tradeable | 2 x 6 MHz |
|  | VODAFONE PORTUGAL Comunicações Pessoais. S.A. | - 1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be part of the annex of the Decision | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 14 MHz |
|  | NOS Comunicações, S.A. | 1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 14 MHz |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|------------|
| | | | | part of the annex of the Decision | | | |
|  | NOS Comunicações, S.A. | 1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be part of the annex of the Decision | National Coverage | Start: 20-11-2012 Expiry: 20-11-2027 Tradeable | 2 x 6 MHz |
|  | MEO - Serviços de Comunicações e Multimédia, S.A. | 1845 - 1865 MHz (DL) 1750 - 1770 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be part of the annex of the Decision | National Coverage | Start: 16-03-2007 Expiry: 16-03-2022 Tradeable | 2 x 6 MHz |
|  | MEO - Serviços de Comunicações e Multimédia, S.A. | 1845 - 1865 MHz (DL) 1750 - 1770 MHz (UL) | TRA-ECS | Systems identified in Annex of Decision 2009/766/CE, amended by Decision 2011/251/UE, as well as other systems that may be part of the annex of the Decision | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 14 MHz |

2 GHz Mobile Band




1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|------------|
|  | VODAFONE PORTUGAL Comunicações Pessoais. S.A. | 2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL) | TRA-ECS | UMTS FDD and other systems that respect the technical conditions that may be established in the scope of implementation of Decision 676/2002/CE | National Coverage | Start: 11-01-2001 Expiry: 05-05-2033 Tradeable | 2 x 20 MHz |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|------------|
|  | NOS Comunicações, S.A. | 2130.1 - 2144.9 MHz (DL) 1940.1 - 1954.9 MHz (UL) | TRA-ECS | UMTS FDD and other systems that respect the technical conditions that may be established in the scope of implementation of Decision 676/2002/CE | National Coverage | Start: 11-01-2001 Expiry: 04-06-2033 Tradeable | 2 x 15 MHz |
|  | MEO - Serviços de Comunicações e Multimédia, S.A. | 2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL) | TRA-ECS | UMTS FDD and other systems that respect the technical conditions that may be established in the scope of implementation of Decision 676/2002/CE | National Coverage | Start: 11-01-2001 Expiry: 21-04-2033 Tradeable | 2 x 20 MHz |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------|-------------|--------------------|-------------------|------------------------------------------------------|------------|
|  | VODAFONE PORTUGAL Comunicações Pessoais, S.A. | 2630 - 2650 MHz (DL) 2510 - 2530 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 20 MHz |
|  | NOS Comunicações, S.A. | 2650 - 2670 MHz (DL) 2530 - 2550 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 20 MHz |
|  | MEO - Serviços de Comunicações e Multimédia, S.A. | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 2 x 20 MHz |



2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------------------|-----------------|-------------|--------------------|-------------------|------------------------------------------------------|----------|
|  | VODAFONE PORTUGAL Comunicações Pessoais, S.A. | 2570 - 2595 MHz | TRA-ECS | Technology neutral | National Coverage | Start: 09-03-2012 Expiry: 09-03-2027 Tradeable | 25 MHz |


3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|-------------|--------------------|------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Broadband Portugal BBP, Unipessoal, Lda. | 3541 - 3569 MHz (DL) 3441 - 3469 MHz (UL) | BWA | Technology neutral | Regional/local coverage Zones 1 and 2 | Start: 05-08-2010 Expiry: 05-08-2025 Tradeable | 2 x 28 MHz (Regulation no. 427/2009, published on 29 October rectified by Declaration no. 2930/2009, published on 27 November). The frequency band may be tradable two years after being in commercial operation. |
|  | Broadband Portugal BBP, Unipessoal, Lda. | 3572 - 3600 MHz (DL) 3472 - 3500 MHz (UL) | BWA | Technology neutral | Regional/local coverage Zones 1 to 8 | Start: 05-08-2010 Expiry: 05-08-2025 Tradeable | 2 x 28 MHz (Regulation no. 427/2009, published on 29 October rectified by Declaration no. 2930/2009, published on 27 de November). The frequency band may be tradable two years after being in commercial operation. |

3.7 GHz Band




3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|-------------|--------------------|-----------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Broadband Portugal BBP, Unipessoal, Lda. | 3702 - 3730 MHz (DL) 3602 - 3630 MHz (UL) | BWA | Technology neutral | Regional/local coverage Zone 1 | Start: 05-08-2010 Expiry: 05-08-2025 Tradeable | 2 x 28 MHz (Regulation no. 427/2009, published on 29 October rectified by Declaration no. 2930/2009, published on 27 de November). The frequency band may be tradable two years after being in commercial operation. |

Romania (2014)






800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------|------------------|-------------------|-------------------|-----------------------|----------|
|  | VODAFONE ROMANIA S.A. | 796 - 806 MHz (DL) 837 - 847 MHz (UL) | Digital cellular | | National Coverage | Expiry: 05-04-2029 | |
|  | ORANGE ROMANIA S.A. | 806 - 816 MHz (DL) 847 - 857 MHz (UL) | Digital cellular | | National Coverage | Expiry: 05-04-2029 | |
|  | TELEKOM ROMANIA MOBILE COMMUNICATIONS S.A. | 816 - 821 MHz (DL) 857 - 862 MHz (UL) | Digital cellular | | National Coverage | Expiry: 05-04-2029 | |



900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------|------------------|-------------------|-------------------|-----------------------|----------|
|  | VODAFONE ROMANIA S.A. | 925 - 935 MHz (DL) 880 - 890 MHz (UL) | Digital cellular | GSM | National Coverage | Expiry: 05-04-2029 | |
|  | TELEKOM ROMANIA MOBILE COMMUNICATIONS S.A. | 930 - 940 MHz (DL) 885 - 895 MHz (UL) | Digital cellular | GSM | National Coverage | Expiry: 05-04-2029 | |
|  | RCS-RDS S.A. | 935 - 940 MHz (DL) 890 - 895 MHz (UL) | Digital cellular | GSM | National Coverage | Expiry: 05-04-2029 | |
|  | TELEKOM ROMANIA MOBILE COMMUNICATIONS S.A. | 940 - 950 MHz (DL) 895 - 905 MHz (UL) | Digital cellular | GSM | National Coverage | Expiry: 05-04-2029 | |
|  | ORANGE ROMANIA S.A. | 950 - 960 MHz (DL) 905 - 915 MHz (UL) | Digital cellular | GSM | National Coverage | Expiry: 05-04-2029 | |





1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------|------------------|-------------------|-------------------|-----------------------|----------|
|  | VODAFONE ROMANIA S.A. | 1805 - 1835 MHz (DL) 1710 - 1740 MHz (UL) | Digital cellular | GSM | National Coverage | Expiry: 05-04-2029 | |
|  | TELEKOM ROMANIA MOBILE COMMUNICATIONS S.A. | 1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL) | Digital cellular | GSM | National Coverage | Expiry: 05-04-2029 | |





2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|---------------------|-------------|-------------------|-------------------|-----------------------|----------|
|  | TELEMOBIL S.A. | 1899.9 - 1904.9 MHz | IMT | | National Coverage | Expiry: 19-01-2022 | |
|  | ORANGE ROMANIA S.A. | 1904.9 - 1909.9 MHz | IMT | | National Coverage | Expiry: 31-03-2020 | |
|  | VODAFONE ROMANIA S.A. | 1909.9 - 1914.9 MHz | IMT | | National Coverage | Expiry: 31-03-2020 | |
|  | RCS&RDS S.A. | 1914.9 - 1919.9 MHz | IMT | | National Coverage | Expiry: 05-01-2022 | |



2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|------------------------------------------------------|------------------|-------------------|-------------------|-----------------------|----------|
|  | RCS&RDS S.A. | 2110.3 - 2125.3 MHz (DL) 1920.3 - 1935.3 MHz (UL) | Digital cellular | IMT | National Coverage | Expiry: 05-01-2022 | |
|  | TELEMOBIL S.A. | 2125.3 - 2140.1 MHz (DL) 1935.3 - 1950.1 MHz (UL) | Digital cellular | IMT | National Coverage | Expiry: 19-01-2022 | |
|  | ORANGE ROMANIA S.A. | 2140.1 - 2154.9 MHz (DL) 1950.1 - 1964.9 MHz (UL) | Digital cellular | IMT | National Coverage | Expiry: 31-03-2020 | |
|  | VODAFONE ROMANIA S.A. | 2154.9 - 2169.7 MHz (DL) 1964.9 - 1979.7 MHz (UL) | Digital cellular | IMT | National Coverage | Expiry: 31-03-2020 | |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------|------------------|-------------------|-------------------|-----------------------|----------|
|  | TELEKOM ROMANIA MOBILE COMMUNICATIONS S.A. | 2620 - 2630 MHz (DL) 2500 - 2510 MHz (UL) | Digital cellular | Neutral | National Coverage | Expiry: 05-04-2029 | |
|  | ORANGE ROMANIA S.A. | 2630 - 2650 MHz (DL) 2510 - 2530 MHz (UL) | Digital cellular | Neutral | National Coverage | Expiry: 05-04-2029 | |

2.6 GHz Mobile Band





2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|-----------------|------------------|-------------------|-------------------|-----------------------|----------|
|  | 2K TELECOM S.A. | 2570 - 2600 MHz | Digital cellular | Neutral | National Coverage | Expiry: 05-04-2029 | |
|  | VODAFONE ROMANIA S.A. | 2600 - 2615 MHz | Digital cellular | | National Coverage | Expiry: 05-04-2029 | |

Russian Federation (2016)





800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|--------------------------------------------------------------|
|  | T2 Mobile | 791 - 798.5 MHz (DL) 832 - 839.5 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |
|  | MTS | 798.5 - 806 MHz (DL) 839.5 - 847 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |
|  | MegaFon | 806 - 813.5 MHz (DL) 847 - 854.5 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |
|  | Vimpelcom | 813.5 - 821 MHz (DL) 854.5 - 862 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |





900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------|------------------------------------------|-------------|-------------------|----------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  | MTS | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | IMT | GSM, UMTS | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The frequencies in operation may differ depending on the region of the country. The joint usage of frequencies by license holders is allowed. |
|  | MegaFon | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | IMT | GSM, UMTS | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The frequencies in operation may differ depending on the region of the country. The joint usage of frequencies by license holders is allowed. |
|  | Vimpelcom | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | IMT | GSM, UMTS | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The frequencies in operation may differ depending on the region of the country. The joint usage of frequencies by license holders is allowed. |
|  | Other regional operators | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | IMT | GSM, UMTS | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The frequencies in operation may differ depending on the region of the country. The joint usage of frequencies by license holders is allowed. |


1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------|----------------------------------------------|-------------|-------------------|----------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  | MTS | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | IMT | GSM, LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The frequencies in operation may differ depending on the region of the country. The joint usage of frequencies by license holders is allowed. |
|  | Vimpelcom | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | IMT | GSM, LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The frequencies in operation may differ depending on the region of the country. The joint usage of frequencies by license holders is allowed. |
|  | MegaFon | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | IMT | GSM, LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The frequencies in operation may differ depending on the region of the country. The joint usage of frequencies by license holders is allowed. |
|  | Other regional operators | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | IMT | GSM, LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The frequencies in operation may differ depending on the region of the country. The joint usage of frequencies by license holders is allowed. |





2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|-------------------------------------|
|  | GC Antares | 1900 - 1920 MHz | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The networks have not been deployed |




2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | T2 Mobile | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | |
|  | MegaFon | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | |
|  | MTS | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | |
|  | Vimpelcom | 2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL) | IMT | UMTS | National Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | |




2 GHz Mobile Band

2010-2025 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|-------------------------------------|
|  | MegaFon | 2010 - 2015 MHz | IMT | UMTS | National Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The networks have not been deployed |
|  | MTS | 2015 - 2020 MHz | IMT | UMTS | National Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The networks have not been deployed |
|  | Vimpelcom | 2020 - 2025 MHz | IMT | UMTS | National Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The networks have not been deployed |






2300 MHz - 2400 MHz Mobile Band

2300 MHz - 2400 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|-----------------|-------------|-------------------|----------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|  | T2 Mobile | 2300 - 2400 MHz | IMT | LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2019 | The frequencies for operation may differ depending on the region of the country. The networks have not been deployed |
|  | Vainah Telecom | 2300 - 2340 MHz | IMT | LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2019 | |
|  | Vainah Telecom | 2370 - 2400 MHz | IMT | LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2019 | |





2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|--------------------------------------------------------------|
|  | Skartel | 2620 - 2650 MHz (DL) 2500 - 2530 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |
|  | MegaFon | 2650 - 2660 MHz (DL) 2530 - 2540 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |
|  | MTS | 2660 - 2670 MHz (DL) 2540 - 2550 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |
|  | Vimpelcom | 2670 - 2680 MHz (DL) 2550 - 2560 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |
|  | T2 Mobile | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2022 | The joint usage of frequencies by license holders is allowed |

2.6 GHz Mobile Band




2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------|-----------------|-------------|-------------------|----------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------|
|  | MegaFon | 2570 - 2595 MHz | IMT | LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The networks have not been deployed. The joint usage of frequencies by license holders is allowed |
|  | Vimpelcom | 2570 - 2595 MHz | IMT | LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The networks have not been deployed. The joint usage of frequencies by license holders is allowed |
|  | Other regional operators | 2570 - 2595 MHz | IMT | LTE | Regional/local coverage Regional Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The networks have not been deployed. The joint usage of frequencies by license holders is allowed |
|  | MTS | 2595 - 2620 MHz | IMT | LTE | National Coverage | Start: 01-04-2016 Expiry: 31-12-2026 | The networks have not been deployed. The joint usage of frequencies by license holders is allowed |

Serbia (2017)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | TELEKOM SRBIJA | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | | National Coverage | Start: 12-02-2016 Expiry: 12-02-2026 | |
|  | Telenor | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | | National Coverage | Start: 12-02-2016 Expiry: 12-02-2026 | |
|  | VIP MOBILE | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | | National Coverage | Start: 12-02-2016 Expiry: 12-02-2026 | |




900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|--------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | VIP MOBILE | 935.1 - 939.3 MHz (DL) 890.1 - 894.3 MHz (UL) | IMT | | National Coverage | Start: 10-11-2016 Expiry: 10-11-2026 | |
|  | TELEKOM SRBIJA | 939.5 - 949.1 MHz (DL) 894.5 - 904.1 MHz (UL) | IMT | | National Coverage | Start: 28-07-2016 Expiry: 28-07-2026 | |
|  | TELENOR | 949.3 - 958.9 MHz (DL) 904.3 - 913.9 MHz (UL) | IMT | | National Coverage | Start: 25-08-2016 Expiry: 25-08-2026 | |




1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | TELENOR | 1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL) | IMT | | National Coverage | Start: 25-08-2016 Expiry: 25-08-2026 | |
|  | TELEKOM SRBIJA | 1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL) | IMT | | National Coverage | Start: 28-07-2016 Expiry: 28-07-2026 | |
|  | VIP MOBILE | 1845 - 1875 MHz (DL) 1750 - 1780 MHz (UL) | IMT | | National Coverage | Start: 10-11-2016 Expiry: 10-11-2026 | |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | TELENOR | 1900 - 1905 MHz | IMT | UTRA TDD | National Coverage | Start: 25-08-2016 Expiry: 25-08-2026 | |
|  | TELEKOM SRBIJA | 1905 - 1910 MHz | IMT | UTRA TDD | National Coverage | Start: 28-07-2016 Expiry: 28-07-2026 | |
|  | VIP MOBILE | 1910 - 1915 MHz | IMT | UTRA TDD | National Coverage | Start: 10-11-2016 Expiry: 10-11-2026 | |

2 GHz Mobile Band







1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | TELENOR | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | MFCN | | National Coverage | Start: 25-08-2016 Expiry: 25-08-2026 | |
|  | TELEKOM SRBIJA | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | MFCN | | National Coverage | Start: 28-07-2016 Expiry: 28-07-2026 | |
|  | VIP MOBILE | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | MFCN | | National Coverage | Start: 10-11-2016 Expiry: 10-11-2026 | |

Slovakia (2017)





800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Slovak Telekom, a.s. | 791 - 796 MHz (DL) 832 - 837 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 796 - 801 MHz (DL) 837 - 842 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 801 - 806 MHz (DL) 842 - 847 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 07-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 806 - 811 MHz (DL) 847 - 852 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 07-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 811 - 816 MHz (DL) 852 - 857 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 03-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 816 - 821 MHz (DL) 857 - 862 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 03-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |

900 MHz Mobile Band


880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | O2 Slovakia, s.r.o. | 927.9 - 934.9 MHz (DL) 882.9 - 889.9 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 07-09-2006 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 935.1 - 941.1 MHz (DL) 890.1 - 896.1 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 941.1 - 947.1 MHz (DL) 896.1 - 902.1 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 947.1 - 950.1 MHz (DL) 902.1 - 905.1 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |





| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Slovak Telekom, a.s. | 950.1 - 953.1 MHz (DL) 905.1 - 908.1 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 953.1 - 953.9 MHz (DL) 908.1 - 908.9 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 07-09-2006 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 953.9 - 954.3 MHz (DL) 908.9 - 909.3 MHz (UL) | TRA-ECS | GSM/EDGE | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 954.3 - 954.5 MHz (DL) 909.3 - 909.5 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 954.5 - 955.3 MHz (DL) 909.5 - 910.3 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 07-09-2006 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 955.3 - 955.9 MHz (DL) 910.3 - 910.9 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 955.9 - 956.7 MHz (DL) 910.9 - 911.7 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 07-09-2006 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 956.7 - 957.1 MHz (DL) 911.7 - 912.1 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 957.1 - 957.3 MHz (DL) 912.1 - 912.3 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 957.3 - 958.1 MHz (DL) 912.3 - 913.1 MHz (UL) | TRA-ECS | GSM, UMTS | National Coverage | Start: 07-09-2006 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 958.1 - 958.7 MHz (DL) 913.1 - 913.7 MHz (UL) | TRA-ECS | UMTS | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |

1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | SWAN Mobile, a.s. | 1805.1 - 1810.1 MHz (DL) 1710.1 - 1715.1 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 08-01-2014 Expiry: 07-09-2026 Tradeable | transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Orange Slovensko, a.s. | 1810.1 - 1811.3 MHz (DL) 1715.1 - 1716.3 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 07-01-2014 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 1811.3 - 1812.3 MHz (DL) 1716.3 - 1717.3 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 1812.3 - 1818.5 MHz (DL) 1717.3 - 1723.5 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 1818.5 - 1819.1 MHz (DL) 1723.5 - 1724.1 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 1819.1 - 1820.1 MHz (DL) 1724.1 - 1725.1 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 07-01-2014 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 1820.1 - 1821.6 MHz (DL) 1725.1 - 1726.5 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 1821.5 - 1828.9 MHz (DL) 1726.5 - 1733.9 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 1828.9 - 1833.5 MHz (DL) 1733.9 - 1738.5 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 1833.5 - 1838.9 MHz (DL) 1738.5 - 1743.9 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 1838.9 - 1841.1 MHz (DL) 1743.9 - 1746.1 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 07-01-2014 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 1841.1 - 1842.1 MHz (DL) 1746.1 - 1747.1 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 1842.1 - 1842.9 MHz (DL) 1747.1 - 1747.9 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 28-07-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 1842.9 - 1844.9 MHz (DL) 1747.9 - 1749.9 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 06-09-2000 Expiry: 31-12-2025 Tradeable | transfer of rights |
|  | Orange Slovensko, a.s. | 1844.9 - 1845.3 MHz (DL) 1749.9 - 1750.3 MHz (UL) | TRA-ECS | GSM | National Coverage | Start: 07-01-2014 Expiry: 07-09-2026 Tradeable | transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | O2 Slovakia, s.r.o. | 1845.3 - 1860.5 MHz (DL) 1750.3 - 1765.5 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 07-09-2006 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 1860.5 - 1861.1 MHz (DL) 1765.5 - 1766.1 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 03-01-2014 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | SWAN Mobile, a.s. | 1861.1 - 1866.1 MHz (DL) 1766.1 - 1771.1 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 08-01-2014 Expiry: 07-09-2026 Tradeable | transfer of rights |
|  | SWAN Mobile, a.s. | 1866.1 - 1871.1 MHz (DL) 1771.1 - 1776.1 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 08-01-2014 Expiry: 07-09-2026 Tradeable | transfer of rights |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Orange Slovensko, a.s. | 1900 - 1905 MHz | TRA-ECS | not used (TDD) | National Coverage | Start: 19-07-2002 Expiry: 31-08-2026 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 1905 - 1910 MHz | TRA-ECS | not used (TDD) | National Coverage | Start: 16-07-2002 Expiry: 31-08-2026 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 1910 - 1915 MHz | TRA-ECS | not used (TDD) | National Coverage | Start: 07-09-2006 Expiry: 07-09-2026 Tradeable | transfer of rights |

2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)



| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Orange Slovensko, a.s. | 2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL) | TRA-ECS | UMTS(FDD) | National Coverage | Start: 19-07-2002 Expiry: 31-08-2026 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL) | TRA-ECS | UMTS(FDD) | National Coverage | Start: 16-07-2000 Expiry: 31-08-2026 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL) | TRA-ECS | UMTS(FDD) | National Coverage | Start: 07-09-2006 Expiry: 07-09-2026 | transfer of rights |

| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------|-------------|-------------|-------------------|----------|-----------------------|----------|
| | | | | | Tradeable | |

2.6 GHz Mobile Band









2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)


| Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  Orange Slovensko, a.s. | 2620 - 2625 MHz (DL) 2500 - 2505 MHz (UL) | TRA-ECS | LTE(FDD) | National Coverage | Start: 07-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Orange Slovensko, a.s. | 2625 - 2630 MHz (DL) 2505 - 2510 MHz (UL) | TRA-ECS | LTE(FDD) | National Coverage | Start: 07-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Orange Slovensko, a.s. | 2630 - 2635 MHz (DL) 2510 - 2515 MHz (UL) | TRA-ECS | LTE(FDD) | National Coverage | Start: 07-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Orange Slovensko, a.s. | 2635 - 2640 MHz (DL) 2515 - 2520 MHz (UL) | TRA-ECS | LTE(FDD) | National Coverage | Start: 07-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Orange Slovensko, a.s. | 2640 - 2645 MHz (DL) 2520 - 2525 MHz (UL) | TRA-ECS | LTE(FDD) | National Coverage | Start: 07-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Orange Slovensko, a.s. | 2645 - 2650 MHz (DL) 2525 - 2530 MHz (UL) | TRA-ECS | LTE(FDD) | National Coverage | Start: 07-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Slovak Telekom, a.s. | 2650 - 2655 MHz (DL) 2530 - 2535 MHz (UL) | TRA-ECS | LTE (FDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Slovak Telekom, a.s. | 2655 - 2660 MHz (DL) 2535 - 2540 MHz (UL) | TRA-ECS | LTE (FDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Slovak Telekom, a.s. | 2660 - 2665 MHz (DL) 2540 - 2545 MHz (UL) | TRA-ECS | LTE (FDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Slovak Telekom, a.s. | 2665 - 2670 MHz (DL) 2545 - 2550 MHz (UL) | TRA-ECS | LTE (FDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Slovak Telekom, a.s. | 2670 - 2675 MHz (DL) 2550 - 2555 MHz (UL) | TRA-ECS | LTE (FDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  Slovak Telekom, a.s. | 2675 - 2680 MHz (DL) | TRA-ECS | LTE (FDD) | National Coverage | Start: 08-01-2014 | transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
| | | 2555 - 2560 MHz (UL) | | | | Expiry: 31-12-2028 Tradeable | |
|  | Slovak Telekom, a.s. | 2680 - 2685 MHz (DL) 2560 - 2565 MHz (UL) | TRA-ECS | LTE (FDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2685 - 2690 MHz (DL) 2565 - 2570 MHz (UL) | TRA-ECS | LTE (FDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |

2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Slovak Telekom, a.s. | 2570 - 2575 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2575 - 2580 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2580 - 2585 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2585 - 2590 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2590 - 2595 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2595 - 2600 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2600 - 2605 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2605 - 2610 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |
|  | Slovak Telekom, a.s. | 2610 - 2615 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|--------------------|
|  | Slovak Telekom, a.s. | 2615 - 2620 MHz | TRA-ECS | LTE (TDD) | National Coverage | Start: 08-01-2014 Expiry: 31-12-2028 Tradeable | transfer of rights |

3.5 GHz Band










3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------|----------------------------------------------|-------------|----------------------------|-------------------|------------------------------------------------------|--------------------|
|  | O2 Slovakia, s.r.o. | 3400 - 3410 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 08-08-2016 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3510 - 3525 MHz (DL) 3410 - 3425 MHz (UL) | MFCN | LTE, WiMAX, FWA (FDD, TDD) | National Coverage | Start: 16-03-2012 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3510 - 3525 MHz (DL) 3410 - 3425 MHz (UL) | MFCN | LTE, WiMAX, FWA (FDD, TDD) | National Coverage | Start: 14-04-2016 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3525 - 3570 MHz (DL) 3425 - 3470 MHz (UL) | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 04-08-2015 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3525 - 3570 MHz (DL) 3425 - 3470 MHz (UL) | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 08-08-2015 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3530 - 3550 MHz (DL) 3430 - 3450 MHz (UL) | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 04-08-2015 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3550 - 3570 MHz (DL) 3450 - 3470 MHz (UL) | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 19-08-2015 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3570 - 3590 MHz (DL) 3470 - 3490 MHz (UL) | MFCN | LTE, WiMAX, FWA (FDD, TDD) | National Coverage | Start: 16-03-2012 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3570 - 3590 MHz (DL) 3470 - 3490 MHz (UL) | MFCN | LTE, WiMAX, FWA (FDD, TDD) | National Coverage | Start: 14-04-2016 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | SWAN, a.s. | 3490 - 3510 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 16-07-2015 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3524 - 3525 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 30-03-2016 Expiry: 31-08-2025 Tradeable | transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------|-----------------|-------------|-----------------------|-------------------|------------------------------------------------------|--------------------|
|  | Slovanet, a.s. | 3570 - 3573 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 30-03-2016 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3587 - 3590 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 30-03-2016 Expiry: 31-08-2025 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3590 - 3600 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 08-08-2016 Expiry: 31-08-2025 Tradeable | transfer of rights |

3.7 GHz Band











3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------|-----------------|-------------|-----------------------|-----------------------------------------------|------------------------------------------------------|--------------------|
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Medzilaborce | Start: 19-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Snina | Start: 19-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Rimavská Sobota | Start: 19-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Bytča | Start: 19-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | ORANET, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Námestovo | Start: 20-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Myjava | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Kysucké Nové Mesto | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Detva | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Sobrance | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------|-----------------|-------------|-----------------------|--------------------------------------------|------------------------------------------------------|--------------------|
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Stropkov | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Svidník | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | DSI DATA s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Sabinov | Start: 09-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Bardejov | Start: 09-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Ilava | Start: 10-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Galanta | Start: 10-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Šaľa | Start: 10-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Humenné | Start: 10-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Fibris, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Levoča | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Gelnica | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Skalica | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Turčianske Teplice | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Poltár | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Krupina | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------------------|-----------------|-------------|-----------------------|--------------------------------------------|------------------------------------------------------|--------------------|
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Banská Štiavnica | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Pezinok | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Zlaté Moravce | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Žarnovica | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Rožňava | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Amtel Slovensko, s.r.o. | 3600 - 3640 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Tvrdošín | Start: 30-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | SWAN, a.s. | 3640 - 3680 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 12-02-2015 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | BENESTRA, s.r.o. | 3680 - 3720 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 12-02-2015 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3720 - 3760 MHz | MFCN | LTE, WiMAX, FWA (TDD) | National Coverage | Start: 12-02-2015 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | HMZ Radiokomunikácie, spol. s.r.o. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Kysucké Nové Mesto | Start: 11-04-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | DSI DATA s.r.o. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Námestovo | Start: 20-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | DSI DATA s.r.o. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Bytča | Start: 20-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Snina | Start: 21-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Medzilaborce | Start: 21-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------------|------------------------------------------------------|--------------------|
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Rimavská Sobota | Start: 21-10-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Myjava | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Detva | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Sobrance | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Stropkov | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Svidník | Start: 03-11-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Bardejov | Start: 09-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Ilava | Start: 09-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Galanta | Start: 09-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Šaľa | Start: 09-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Sabinov | Start: 09-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Humenné | Start: 09-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Skalica | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Poltár | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|----------------------------------|-----------------|-------------|-----------------------|--------------------------------------------|------------------------------------------------------|--------------------|
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Turčianske Teplice | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Krupina | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Banská Štiavnica | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Zlaté Moravce | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Žarnovica | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Rožňava | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Slovanet, a.s. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Levoča | Start: 27-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | O2 Slovakia, s.r.o. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Pezinok | Start: 28-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | OravaNet, Slovakia, spol. s r.o. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Tvrdošín | Start: 28-12-2016 Expiry: 31-12-2024 Tradeable | transfer of rights |
|  | Alternet, s.r.o. | 3760 - 3800 MHz | MFCN | LTE, WiMAX, FWA (TDD) | Regional/local coverage Gelnica | Start: 02-01-2017 Expiry: 31-12-2024 Tradeable | transfer of rights |

Slovenia (2017)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TELEKOM SLOVENIJE, d.d. | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 31-05-2014 Expiry: 31-05-2029 Tradeable | |
|  | Telemach, širokopasovne komunikacije, d.o.o. | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 31-05-2014 Expiry: 31-05-2029 Tradeable | |
|  | A1 Slovenija, d.d. | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 31-05-2014 Expiry: 31-05-2029 Tradeable | |



900 MHz Mobile Band



880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|-----------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | Telemach, širokopasovne komunikacije, d.o.o. | 925 - 930 MHz (DL) 880 - 885 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 04-01-2016 Expiry: 04-01-2031 Tradeable | |
|  | A1 Slovenija, d.d. | 930 - 945 MHz (DL) 885 - 900 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 04-01-2016 Expiry: 04-01-2031 Tradeable | |
|  | TELEKOM SLOVENIJE, d.d. | 945 - 960 MHz (DL) 900 - 915 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 04-01-2016 Expiry: 04-01-2031 Tradeable | |

1800 MHz Mobile Band





1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | A1 Slovenija, d.d. | 1805 - 1835 MHz (DL) 1710 - 1740 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 06-09-2004 Expiry: 04-01-2031 Tradeable | |
|  | TELEKOM SLOVENIJE, d.d. | 1835 - 1860 MHz (DL) 1740 - 1765 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 06-09-2004 Expiry: 04-01-2031 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
| | | | | | | Tradeable | |
|  | Telemach, komunikacije, d.o.o. | širokopasovne 1860 - 1870 MHz (DL) 1765 - 1775 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 01-12-2006 Expiry: 04-01-2031 Tradeable | |
|  | Telemach, komunikacije, d.o.o. | širokopasovne 1870 - 1880 MHz (DL) 1775 - 1785 MHz (UL) | TRA-ECS | GSM, LTE | National Coverage | Start: 31-08-2016 Expiry: 04-01-2031 Tradeable | |




2 GHz Mobile Band


1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TELEKOM SLOVENIJE, d.d. | 1900 - 1905 MHz | IMT | UMTS/TDD | National Coverage | Start: 06-09-2004 Expiry: 21-09-2021 Tradeable | |
|  | A1 Slovenija, d.d. | 1905 - 1910 MHz | IMT | UMTS/TDD | National Coverage | Start: 31-05-2014 Expiry: 21-09-2021 Tradeable | |
|  | T-2 d.o.o. | 1910 - 1915 MHz | IMT | UMTS/TDD | National Coverage | Start: 21-09-2006 Expiry: 21-09-2021 Tradeable | |
|  | A1 Slovenija, d.d. | 1915 - 1920 MHz | IMT | UMTS/TDD | National Coverage | Start: 21-09-2006 Expiry: 21-09-2021 Tradeable | |

2 GHz Mobile Band


1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | A1 Slovenija, d.d. | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 21-09-2006 Expiry: 21-09-2021 Tradeable | |
|  | T-2 d.o.o. | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 21-09-2006 Expiry: 21-09-2021 Tradeable | |
|  | Telemach, komunikacije, d.o.o. | širokopasovne 2140 - 2145 MHz (DL) 1950 - 1955 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 08-04-2008 Expiry: 08-04-2023 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TELEKOM SLOVENIJE, d.d. | 2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL) | TRA-ECS | Neutral | National Coverage | Start: 01-06-2013 Expiry: 21-09-2021 Tradeable | |



2 GHz Mobile Band

2010-2025 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | A1 Slovenija, d.d. | 2010 - 2025 MHz | IMT | UMTS/TDD | National Coverage | Start: 31-05-2014 Expiry: 21-09-2021 Tradeable | |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TELEKOM SLOVENIJE, d.d. | 2620 - 2655 MHz (DL) 2500 - 2535 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 31-05-2014 Expiry: 31-05-2029 Tradeable | |
|  | A1 Slovenija, d.d. | 2655 - 2685 MHz (DL) 2535 - 2565 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 31-05-2014 Expiry: 31-05-2029 Tradeable | |






2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TELEKOM SLOVENIJE, d.d. | 2570 - 2595 MHz | TRA-ECS | LTE | National Coverage | Start: 31-05-2014 Expiry: 31-05-2029 Tradeable | |
|  | A1 Slovenija, d.d. | 2595 - 2620 MHz | TRA-ECS | LTE | National Coverage | Start: 31-05-2014 Expiry: 31-05-2029 Tradeable | |

3.5 GHz Band




3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------|-------------|-------------------------------------|----------------------------------------------------|-----------------------------------------|----------|
|  | Elektro Gorenjska | 3510 - 3530 MHz (DL) 3410 - 3430 MHz (UL) | MFCN | Neutral | Regional/local coverage Gorenjska | Start: 01-09-2016 Expiry: 23-05-2021 | |
|  | KaTe Nova Gorica | 3510 - 3530 MHz (DL) 3410 - 3430 MHz (UL) | MFCN | Neutral | Regional/local coverage Severna Primorska | Start: 01-09-2016 Expiry: 23-05-2021 | |
|  | Iskra Sistemi | 3510 - 3530 MHz (DL) 3410 - 3430 MHz (UL) | MFCN | Neutral | Regional/local coverage Mozirje_1C_VZHOD | Start: 01-09-2016 Expiry: 27-10-2021 | |
|  | Iskra Sistemi | 3510 - 3530 MHz (DL) 3410 - 3430 MHz (UL) | MFCN | technologically neutral decision | Regional/local coverage Gornja_RA_Dgona_1C_VZHO | Start: 01-10-2016 Expiry: 27-10-2021 | |
|  | Obalni tehnološki sklad d.o.o. | 3510 - 3530 MHz | MFCN | technologically neutral decision | Regional/local coverage R (PIRAN) | Start: 01-09-2016 Expiry: 27-11-2022 | |

Spain (2017)







800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------------|--------------------------------------|-------------------|------------------------------------------------------|----------|
|  | ORANGE ESPAGNE, S.A.U. | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 01-04-2015 Expiry: 25-04-2031 Tradeable | 2x10 MHz |
|  | VODAFONE ESPAÑA, S.A.U. | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 01-04-2015 Expiry: 25-04-2031 Tradeable | 2x10 MHz |
|  | Telefónica Móviles España, S.A.U. | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 01-04-2015 Expiry: 25-04-2031 Tradeable | 2x10 MHz |







900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------|-------------|--------------------------------------|-------------------|------------------------------------------------------|----------|
|  | ORANGE SPAGNE, SAU | 925.1 - 930.1 MHz (DL) 880.1 - 885.1 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 28-05-2013 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE SPAGNE, SAU | 930.1 - 935.1 MHz (DL) 885.1 - 890.1 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 06-07-2011 Expiry: 31-12-2030 Tradeable | |
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 935.1 - 940.1 MHz (DL) 890.1 - 895.1 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 28-05-2013 Expiry: 31-12-2030 Tradeable | |
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 940.1 - 945.1 MHz (DL) 895.1 - 900.1 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 04-02-2015 Expiry: 31-12-2030 Tradeable | |
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 945.1 - 949.9 MHz (DL) 900.1 - 904.9 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 04-02-2015 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A. | 949.9 - 959.9 MHz (DL) 904.9 - 914.9 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 03-02-1995 Expiry: 02-01-2028 Tradeable | |





1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------|-------------|--------------------------------------|-------------------|------------------------------------------------------|----------|
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 1805.1 - 1825.1 MHz (DL) 1710.1 - 1730.1 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 24-07-1998 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A. | 1825.1 - 1845.1 MHz (DL) 1730.1 - 1750.1 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 24-07-1998 Expiry: 31-12-2030 Tradeable | |
|  | XFERA MOVILES SA | 1845.1 - 1850.1 MHz (DL) 1750.1 - 1755.1 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 09-08-2011 Expiry: 31-12-2030 Tradeable | |
|  | XFERA MOVILES SA | 1850.1 - 1855.1 MHz (DL) 1755.1 - 1760.1 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 09-08-2011 Expiry: 31-12-2030 Tradeable | |
|  | XFERA MOVILES SA | 1855.1 - 1859.9 MHz (DL) 1760.1 - 1764.9 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 09-08-2011 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE SPAGNE, SAU | 1859.9 - 1879.9 MHz (DL) 1764.9 - 1784.9 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 24-07-1998 Expiry: 31-12-2030 Tradeable | |





2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|-----------------|-------------|--------------------------------------|-------------------|------------------------------------------------------|----------|
|  | ORANGE SPAGNE, SAU | 1900 - 1905 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |
|  | VODAFONE ESPAÑA, S.A. | 1905 - 1910 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 1910 - 1915 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |
|  | XFERA MOVILES SA | 1915 - 1920 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |







2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|-------------|--------------------------------------|-------------------|------------------------------------------------------|----------|
|  | XFERA MOVILES SA | 2110 - 2125 MHz (DL) 1920 - 1935 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |
|  | ORANGE SPAGNE, SAU | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |
|  | VODAFONE ESPAÑA, S.A. | 2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |








2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|-------------|--------------------------------------|--------------------------------------|------------------------------------------------------|----------|
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2660 - 2675 MHz (DL) 2540 - 2555 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ANDALUCÍA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ARAGÓN | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ASTURIAS | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |






| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------|----------------------------------------------|-------------|--------------------------------------|-----------------------------------------------|------------------------------------------------------|----------|
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ILLES BALEARS | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CANARIAS | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CANTABRIA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CASTILLA Y LEÓN | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CASTILLA-LA MANCHA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CATALUÑA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage VALENCIA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage EXTREMADURA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage GALICIA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MADRID | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MURCIA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage NAVARRA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage PAÍS VASCO | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage LA RIOJA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |











| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------|-------------|--------------------------------------|-----------------------------------------------|------------------------------------------------------|----------|
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CEUTA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | VODAFONE ESPAÑA, S.A.U. | 2675 - 2680 MHz (DL) 2555 - 2560 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MELILLA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | TELECABLE DE ASTURIAS S.A. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ASTURIAS | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | TELECOM CASTILLA LA MANCHA S.A. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CASTILLA-LA MANCHA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | EUSKALTEL S.A. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage PAÍS VASCO | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | R CABLE Y TELECOMUNICACIONES GALICIA SA | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage GALICIA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ANDALUCÍA | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ILLES BALEARS | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CANARIAS | Start: 10-10-2011 Expiry: 31-12-2030 Tradeable | |
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MADRID | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | TELEFONICA MOVILES ESPAÑA, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MELILLA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ARAGÓN | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CASTILLA Y LEÓN | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage EXTREMADURA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------|----------------------------------------------|-------------|--------------------------------------|--------------------------------------|------------------------------------------------------|----------|
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CANTABRIA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CATALUÑA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage VALENCIA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MURCIA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage NAVARRA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage LA RIOJA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |
|  | ORANGE ESPAGNE, S.A.U. | 2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL) | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CEUTA | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |

2.6 GHz Mobile Band


2570-2620 MHz (unpaired frequency band)




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------------------|-----------------|-------------|--------------------------------------|---------------------------------------|------------------------------------------------------|----------|
|  | VODAFONE ESPAÑA, S.A.U. | 2575 - 2595 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 20-12-2011 Expiry: 31-12-2030 Tradeable | |
|  | TELECABLE DE ASTURIAS S.A. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ASTURIAS | Start: 20-12-2011 Expiry: 31-12-2030 Tradeable | |
|  | R CABLE Y TELECOMUNICACIONES GALICIA SA | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage GALICIA | Start: 20-12-2011 Expiry: 31-12-2030 Tradeable | |
|  | EUSKALTEL S.A. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage PAÍS VASCO | Start: 20-12-2011 Expiry: 31-12-2030 Tradeable | |
|  | CONSORCIO DE TELECOMUNICACIONES AVANZADAS, SA | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MURCIA | Start: 21-12-2011 Expiry: 31-12-2030 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------|-------------|-----------------------------------|--------------------------------------------|------------------------------------------------------|----------|
|  | RED DIGITAL DE TELECOMUNICACIONES DE LAS ISLAS BALEARES S.L. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ILLES BALEARS | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | UTE AIRE-ALVI-TVHORADADA | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage VALENCIA | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | AIRE NETWORKS DEL MEDITERRANEO, S.L.U. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage EXTREMADURA | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | AIRE NETWORKS DEL MEDITERRANEO, S.L.U. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MELILLA | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | ATRIUM TELECOM | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CEUTA | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | ATRIUM TELECOM | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage LA RIOJA | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | IBERFIBRA GESTIÓN DE REDES DE BANDA ANCHA, S.A. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage ANDALUCÍA | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | IBERFIBRA GESTIÓN DE REDES DE BANDA ANCHA, S.A. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CASTILLA-LA MANCHA | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | IBERFIBRA GESTIÓN DE REDES DE BANDA ANCHA, S.A. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage CATALUÑA | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | IBERFIBRA GESTIÓN DE REDES DE BANDA ANCHA, S.A. | 2595 - 2605 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | Regional/local coverage MADRID | Start: 30-07-2014 Expiry: 31-12-2030 Tradeable | |
|  | AIRE NETWORKS DEL MEDITERRANEO, S.L.U. | 2605 - 2615 MHz | TRA-ECS | Technology neutral (GSM/UMTS/LTE) | National Coverage | Start: 20-12-2011 Expiry: 31-12-2030 Tradeable | |

3.5 GHz Band










3400-3600 MHz






| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------|--------------------|-------------------|------------------------------------------------------|----------|
|  | EURONA WIRELESS TELECOM, S.A. | 3500 - 3520 MHz (DL) 3400 - 3420 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------|-------------|--------------------|-------------------|------------------------------------------------------|----------|
|  | IBERFIBRA GESTIÓN DE REDES DE BANDA ANCHA, S.A. | 3520 - 3540 MHz (DL) 3420 - 3440 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |
|  | IBERBANDA, S.A. | 3540 - 3560 MHz (DL) 3440 - 3460 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 19-04-2000 Expiry: 19-04-2020 Tradeable | |
|  | Orange Espagne, SAU | 3560 - 3580 MHz (DL) 3460 - 3480 MHz (UL) | TRA-ECS | Technology neutral | National Coverage | Start: 18-05-2016 Expiry: 31-12-2030 Tradeable | |

3.7 GHz Band

3600-3800 MHz




| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|---------------------|-------------|-------------------|----------------------------------|------------------------------------------------------|----------|
|  | RETEVISION I, S.A. | 3597 - 3626 MHz | Fixed | | Regional/local coverage LOCAL | Start: 31-03-2003 Expiry: 31-12-2018 Tradeable | |
|  | RETEVISION I, S.A. | 3626 - 3655 MHz | Fixed | | Regional/local coverage LOCAL | Start: 31-03-2003 Expiry: 31-12-2018 Tradeable | |
|  | AIRE NETWORKS MEDITERRANEO, S.L.U | DEL 3626 - 3655 MHz | Fixed | | Regional/local coverage LOCAL | Start: 29-04-2008 Expiry: 31-12-2018 Tradeable | |
|  | AIRE NETWORKS MEDITERRANEO, S.L. | DEL 3626 - 3655 MHz | Fixed | | Regional/local coverage LOCAL | Start: 12-03-2008 Expiry: 31-12-2018 Tradeable | |
|  | AIRE NETWORKS MEDITERRANEO, S.L. | DEL 3655 - 3684 MHz | Fixed | | Regional/local coverage LOCAL | Start: 12-03-2008 Expiry: 31-12-2018 Tradeable | |
|  | AIRE NETWORKS MEDITERRANEO, S.L.U | DEL 3655 - 3684 MHz | Fixed | | Regional/local coverage LOCAL | Start: 29-04-2008 Expiry: 31-12-2018 Tradeable | |
|  | RETEVISION I, S.A. | 3655 - 3684 MHz | Fixed | | Regional/local coverage LOCAL | Start: 31-03-2003 Expiry: 31-12-2018 Tradeable | |
|  | RETEVISION I, S.A. | 3723 - 3752 MHz | Fixed | | Regional/local coverage LOCAL | Start: 31-03-2003 Expiry: 31-12-2018 Tradeable | |
|  | AIRE NETWORKS MEDITERRANEO, S.L. | DEL 3752 - 3781 MHz | Fixed | | Regional/local coverage LOCAL | Start: 12-03-2008 Expiry: 31-12-2018 Tradeable | |

| | Operator | | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------------|-----|-----------------|-------------|-------------------|----------------------------------|------------------------------------------------------|----------|
|  | RETEVISION I, S.A. | | 3752 - 3781 MHz | Fixed | | Regional/local coverage LOCAL | Start: 31-03-2003 Expiry: 31-12-2018 Tradeable | |
|  | AIRE NETWORKS MEDITERRANEO, S.L.U | DEL | 3752 - 3781 MHz | Fixed | | Regional/local coverage LOCAL | Start: 29-04-2008 Expiry: 31-12-2018 Tradeable | |
|  | AIRE NETWORKS MEDITERRANEO, S.L.U | DEL | 3781 - 3810 MHz | Fixed | | Regional/local coverage LOCAL | Start: 29-04-2008 Expiry: 31-12-2018 Tradeable | |
|  | RETEVISION I, S.A. | | 3781 - 3810 MHz | Fixed | | Regional/local coverage LOCAL | Start: 31-03-2003 Expiry: 31-12-2018 Tradeable | |
|  | AIRE NETWORKS MEDITERRANEO, S.L. | DEL | 3781 - 3810 MHz | Fixed | | Regional/local coverage LOCAL | Start: 12-03-2008 Expiry: 31-12-2018 Tradeable | |

Sweden (2014)





800 MHz Mobile Band (the UHF band)




790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | HI3G ACCESS AB | 791 - 796 MHz (DL) 832 - 837 MHz (UL) | TRA-ECS | | National Coverage | Start: 04-03-2011 Expiry: 31-12-2035 Tradeable | |
|  | HI3G ACCESS AB | 796 - 801 MHz (DL) 837 - 842 MHz (UL) | TRA-ECS | | National Coverage | Start: 04-03-2011 Expiry: 31-12-2035 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 801 - 806 MHz (DL) 842 - 847 MHz (UL) | TRA-ECS | | National Coverage | Start: 04-03-2011 Expiry: 31-12-2035 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 806 - 811 MHz (DL) 847 - 852 MHz (UL) | TRA-ECS | | National Coverage | Start: 04-03-2011 Expiry: 31-12-2035 Tradeable | |
|  | NET4MOBILITY HB | 811 - 816 MHz (DL) 852 - 857 MHz (UL) | TRA-ECS | | National Coverage | Start: 04-03-2011 Expiry: 31-12-2035 Tradeable | |
|  | NET4MOBILITY HB | 816 - 821 MHz (DL) 857 - 862 MHz (UL) | TRA-ECS | | National Coverage | Start: 04-03-2011 Expiry: 31-12-2035 Tradeable | |

900 MHz Mobile Band










880-915 MHz / 925-960 MHz (paired frequency arrangement)





| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | HI3G ACCESS AB | 925 - 930 MHz (DL) 880 - 885 MHz (UL) | TRA-ECS | | National Coverage | Start: 13-03-2009 Expiry: 31-12-2025 Tradeable | |
|  | NET4MOBILITY HB | 930 - 935 MHz (DL) 885 - 890 MHz (UL) | TRA-ECS | | National Coverage | Start: 13-03-2009 Expiry: 31-12-2025 Tradeable | |
|  | NET4MOBILITY HB | 935 - 936 MHz (DL) 890 - 891 MHz (UL) | TRA-ECS | | National Coverage | Start: 13-03-2009 Expiry: 31-12-2025 Tradeable | |
|  | TELE2 SVERIGE AB | 936 - 942.5 MHz (DL) 891 - 897.5 MHz (UL) | TRA-ECS | | National Coverage | Start: 13-03-2009 Expiry: 31-12-2025 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TELE2 SVERIGE AB | 942.5 - 945 MHz (DL) 897.5 - 900 MHz (UL) | TRA-ECS | | National Coverage | Start: 13-03-2009 Expiry: 31-12-2025 Tradeable | |
|  | TELENOR SVERIGE AB | 945 - 950 MHz (DL) 900 - 905 MHz (UL) | TRA-ECS | | National Coverage | Start: 13-03-2009 Expiry: 31-12-2025 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 950 - 960 MHz (DL) 905 - 915 MHz (UL) | TRA-ECS | | National Coverage | Start: 13-03-2009 Expiry: 31-12-2025 Tradeable | |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TELIASONERA MOBILE NETWORKS AB | 1805 - 1810 MHz (DL) 1710 - 1715 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2027 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 1810 - 1815 MHz (DL) 1715 - 1720 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2027 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 1815 - 1820 MHz (DL) 1720 - 1725 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2037 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 1820 - 1825 MHz (DL) 1725 - 1730 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2037 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 1825 - 1830 MHz (DL) 1730 - 1735 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2037 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 1830 - 1835 MHz (DL) 1735 - 1740 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2037 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 1835 - 1840 MHz (DL) 1740 - 1745 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2037 Tradeable | |
|  | NET4MOBILITY HB | 1840 - 1845 MHz (DL) 1745 - 1750 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2037 Tradeable | |
|  | NET4MOBILITY HB | 1845 - 1850 MHz (DL) 1750 - 1755 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2037 Tradeable | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | NET4MOBILITY HB | 1850 - 1855 MHz (DL) 1755 - 1760 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2027 Tradeable | |
|  | NET4MOBILITY HB | 1855 - 1860 MHz (DL) 1760 - 1765 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2027 Tradeable | |
|  | NET4MOBILITY HB | 1860 - 1865 MHz (DL) 1765 - 1770 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2027 Tradeable | |
|  | NET4MOBILITY HB | 1865 - 1870 MHz (DL) 1770 - 1775 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-01-2013 Expiry: 31-12-2027 Tradeable | |




2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | SVENSKA UMTS-LICENS AB | 1905 - 1910 MHz | TRA-ECS | | National Coverage | Start: 16-12-2000 Expiry: 31-12-2025 Tradeable | |
|  | HI3G ACCESS AB | 1910 - 1915 MHz | TRA-ECS | | National Coverage | Start: 16-12-2000 Expiry: 31-12-2025 Tradeable | |
|  | TELENOR SVERIGE AB | 1915 - 1920 MHz | TRA-ECS | | National Coverage | Start: 16-12-2000 Expiry: 31-12-2025 Tradeable | |

2 GHz Mobile Band





1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | TELENOR SVERIGE AB | 2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL) | TRA-ECS | | National Coverage | Start: 16-12-2000 Expiry: 31-12-2025 Tradeable | |
|  | HI3G ACCESS AB | 2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL) | TRA-ECS | | National Coverage | Start: 16-12-2000 Expiry: 31-12-2025 Tradeable | |
|  | SVENSKA UMTS-LICENS AB | 2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL) | TRA-ECS | | National Coverage | Start: 16-12-2000 Expiry: 31-12-2025 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|--|----------|-------------|-------------|-------------------|----------|-----------------------|----------|
| | | | | | | Tradeable | |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | NET4MOBILITY HB | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | | National Coverage | Start: 08-05-2008 Expiry: 31-12-2023 Tradeable | |
|  | HI3G ACCESS AB | 2640 - 2650 MHz (DL) 2520 - 2530 MHz (UL) | TRA-ECS | | National Coverage | Start: 08-05-2008 Expiry: 31-12-2023 Tradeable | |
|  | TELIASONERA MOBILE NETWORKS AB | 2650 - 2670 MHz (DL) 2530 - 2550 MHz (UL) | TRA-ECS | | National Coverage | Start: 08-05-2008 Expiry: 31-12-2023 Tradeable | |
|  | NET4MOBILITY HB | 2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL) | TRA-ECS | | National Coverage | Start: 08-05-2008 Expiry: 31-12-2023 Tradeable | |


2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------|
|  | HI3G ACCESS AB | 2570 - 2620 MHz | TRA-ECS | | National Coverage | Start: 08-05-2008 Expiry: 31-12-2023 Tradeable | |




3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------|-------------|-------------------|----------|---------------------------------|----------|
|  | Several regional based licences assigned for local operators | 3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL) | TRA-ECS | | | Expiry: 31-03-2023 Tradeable | |

3.7 GHz Band




3600-3800 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|---------------------------------|----------|
|  | Ca 400 community based licences assigned to local operators | 3700 - 3740 MHz (DL) 3600 - 3640 MHz (UL) | TRA-ECS | FDD | | Expiry: 31-12-2022 Tradeable | |
|  | TDC SVERIGE AB | 3740 - 3760 MHz (DL) 3640 - 3660 MHz (UL) | TRA-ECS | TDD/FDD | National Coverage | Expiry: 31-12-2022 Tradeable | |
|  | Ca 400 community based licences assigned to local | 3760 - 3800 MHz (DL) 3660 - 3700 MHz (UL) | TRA-ECS | TDD | | Expiry: 31-12-2022 Tradeable | |

Switzerland (2016)




800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------------|
|  | Sunrise Communications AG | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |
|  | Swisscom (Schweiz) AG | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |
|  | Salt Mobile SA | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | Formerly Orange Network SA |




900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------|--------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------------|
|  | Salt Mobile SA | 925.1 - 930.1 MHz (DL) 880.1 - 885.1 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | Formerly Orange Network SA |
|  | Sunrise Communications AG | 930.1 - 945.1 MHz (DL) 885.1 - 900.1 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |
|  | Swisscom (Schweiz) AG | 945.1 - 959.9 MHz (DL) 900.1 - 914.9 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |




1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------------|
|  | Swisscom (Schweiz) AG | 1805.1 - 1835.1 MHz (DL) 1710.1 - 1740.1 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |
|  | Salt Mobile SA | 1835.1 - 1860.1 MHz (DL) 1740.1 - 1765.1 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | Formerly Orange Network SA |
|  | Sunrise Communications AG | 1860.1 - 1879.9 MHz (DL) 1765.1 - 1784.9 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |




2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------------|
|  | Sunrise Communications AG | 2110.5 - 2120.3 MHz (DL) 1920.5 - 1930.3 MHz (UL) | MFCN | | National Coverage | Start: 01-01-2017 Expiry: 31-12-2028 | |
|  | Swisscom (Schweiz) AG | 2120.3 - 2149.9 MHz (DL) 1930.3 - 1959.9 MHz (UL) | MFCN | | National Coverage | Start: 01-01-2017 Expiry: 31-12-2028 | |
|  | Salt Mobile SA | 2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL) | MFCN | | National Coverage | Start: 01-01-2017 Expiry: 31-12-2028 | Formerly Orange Network SA |


2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|---------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------------------------|
|  | Sunrise Communications AG | 2620 - 2645 MHz (DL) 2500 - 2525 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |
|  | Swisscom (Schweiz) AG | 2645 - 2665 MHz (DL) 2525 - 2545 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |
|  | Salt Mobile SA | 2665 - 2685 MHz (DL) 2545 - 2565 MHz (UL) | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | Formerly Orange Network SA |

2.6 GHz Mobile Band




2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | Swisscom (Schweiz) AG | 2570 - 2615 MHz | MFCN | | National Coverage | Start: 06-07-2012 Expiry: 31-12-2028 | |

Turkey (2016)







800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | AVEA İLETİŞİM HİZMETLERİ A.Ş. | 791 - 801 MHz (DL) 832 - 842 MHz (UL) | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |
|  | VODAFONE TELEKOMÜNİKASYON A.Ş. | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |


900 MHz Mobile Band




880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|--------------------------------------------------------------------------------|
|  | AVEA İLETİŞİM HİZMETLERİ A.Ş. | 925.1 - 932.7 MHz (DL) 880.1 - 887.7 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | The start date of IMT-Advanced Technologies has been mentioned as "Start date" |
|  | AVEA İLETİŞİM HİZMETLERİ A.Ş. | 932.7 - 935.1 MHz (DL) 887.7 - 890.1 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 11-01-2001 Expiry: 11-01-2026 | Spectrum refarming has been realized in 2016. |
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 935.1 - 946.1 MHz (DL) 890.1 - 901.1 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 27-04-1998 Expiry: 27-04-2023 | Spectrum refarming has been realized in 2016. |
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 946.1 - 947.5 MHz (DL) 901.1 - 902.5 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | The start date of IMT-Advanced Technologies has been mentioned as "Start date" |
|  | VODAFONE TELEKOMÜNİKASYON A.Ş. | 947.5 - 958.5 MHz (DL) 902.5 - 913.5 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 27-04-1998 Expiry: 27-04-2023 | Spectrum refarming has been realized in 2016. |
|  | VODAFONE TELEKOMÜNİKASYON A.Ş. | 958.5 - 959.9 MHz (DL) 913.5 - 914.9 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | The start date of IMT-Advanced Technologies has been mentioned as "Start date" |

1800 MHz Mobile Band





1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------------|--------------------------|-------------|-------------------|-------------------|-----------------------|----------|
|  | AVEA İLETİŞİM HİZMETLERİ A.Ş. | 1805.1 - 1820.1 MHz (DL) | MFCN | IMT&GSM | National Coverage | Start: 11-01-2001 | |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|--------------------------------------------------------------------------------|
| | | 1710.1 - 1725.1 MHz (UL) | | | | Expiry: 11-01-2026 | |
|  | AVEA İLETİŞİM HİZMETLERİ A.Ş. | 1820.1 - 1840.1 MHz (DL) 1725.1 - 1745.1 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | The start date of IMT-Advanced Technologies has been mentioned as "Start date" |
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 1840.1 - 1869.9 MHz (DL) 1745.1 - 1774.9 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | The start date of IMT-Advanced Technologies has been mentioned as "Start date" |
|  | VODAFONE TELEKOMÜNİKASYON A.Ş. | 1869.9 - 1879.9 MHz (DL) 1774.9 - 1784.9 MHz (UL) | MFCN | IMT&GSM | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | The start date of IMT-Advanced Technologies has been mentioned as "Start date" |



2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|--------------------------------------------------------------------------------|
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL) | MFCN | IMT | National Coverage | Start: 30-04-2009 Expiry: 30-04-2029 | |
|  | VODAFONE TELEKOMÜNİKASYON A.Ş. | 2130 - 2145 MHz (DL) 1940 - 1955 MHz (UL) | MFCN | IMT | National Coverage | Start: 30-04-2009 Expiry: 30-04-2029 | |
|  | AVEA İLETİŞİM HİZMETLERİ A.Ş. | 2145 - 2160 MHz (DL) 1955 - 1970 MHz (UL) | MFCN | IMT | National Coverage | Start: 30-04-2009 Expiry: 30-04-2029 | |
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 2160 - 2170 MHz (DL) 1970 - 1980 MHz (UL) | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | The start date of IMT-Advanced Technologies has been mentioned as "Start date" |




2 GHz Mobile Band

2010-2025 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|--------------------------------------------------------------------------------|
|  | VODAFONE TELEKOMÜNİKASYON A.Ş. | 2010 - 2015 MHz | MFCN | IMT | National Coverage | Start: 30-04-2009 Expiry: 30-04-2029 | |
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 2015 - 2025 MHz | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | The start date of IMT-Advanced Technologies has been mentioned as "Start date" |




2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 2620 - 2645 MHz (DL) 2500 - 2525 MHz (UL) | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |
|  | VODAFONE TELEKOMÜNİKASYON A.Ş. | 2645 - 2660 MHz (DL) 2525 - 2540 MHz (UL) | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |
|  | AVEA İLETİŞİM HİZMETLERİ A.Ş. | 2660 - 2670 MHz (DL) 2540 - 2550 MHz (UL) | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |

2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------------------|-----------------|-------------|-------------------|-------------------|-----------------------------------------|----------|
|  | AVEA İLETİŞİM HİZMETLERİ A.Ş. | 2570 - 2585 MHz | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |
|  | VODAFONE TELEKOMÜNİKASYON A.Ş. | 2585 - 2595 MHz | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |
|  | TURKCELL İLETİŞİM HİZMETLERİ A.Ş. | 2595 - 2605 MHz | MFCN | IMT | National Coverage | Start: 01-04-2016 Expiry: 30-04-2029 | |

Ukraine (2010)






900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|-------------|-------------------|-------------------|-----------------------|-------------------------------------------------------------|
|  | Kyivstar | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |
|  | Ukrainian Mobile Communication (MTS) | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |
|  | Astelit (life) | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |
|  | Ukrainian Radio Systems (Beeline) | 925 - 960 MHz (DL) 880 - 915 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |


1800 MHz Mobile Band

1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------|-------------|-------------------|-------------------|-----------------------|-------------------------------------------------------------|
|  | Kyivstar | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |
|  | Ukrainian Mobile Communication (MTS) | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |
|  | Astelit (life) | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |
|  | Ukrainian Radio Systems (Beeline) | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |
|  | Golden Telecom | 1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL) | GSM | GSM | National Coverage | Expiry: 31-12-2023 | Channels are distributed amongst operators region-by-region |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|------------|----------------------------------------------|-------------|------------------------------|-------------------|-----------------------|----------|
|  | Ukrtelecom | 2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL) | IMT | IMT-2000 CDMA/ UMTS/WCDMA | National Coverage | Expiry: 31-12-2020 | |

2 GHz Mobile Band





2010-2025 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|------------|-----------------|-------------|------------------------------|-------------------|-----------------------|----------|
|  | Ukrtelecom | 2015 - 2020 MHz | IMT | IMT-2000 CDMA/ UMTS/WCDMA | National Coverage | Expiry: 31-12-2020 | |

United Kingdom (2018)







800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | Hutchison 3G UK Limited | 791 - 796 MHz (DL) 832 - 837 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-03-2013 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | EE Limited | 796 - 801 MHz (DL) 837 - 842 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-03-2013 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | Vodafone Limited | 801 - 811 MHz (DL) 842 - 852 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-03-2013 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | Telefónica UK Limited | 811 - 821 MHz (DL) 852 - 862 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-03-2013 Expiry: 01-01-2099 Tradeable | No expiry date |



900 MHz Mobile Band

880-915 MHz / 925-960 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | VODAFONE LIMITED | 925.1 - 930.1 MHz (DL) 880.1 - 885.1 MHz (UL) | TRA-ECS | GSM or UTRA FDD | National Coverage | Start: 23-07-1992 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | TELEFONICA UK LIMITED | 930.1 - 935.1 MHz (DL) 885.1 - 890.1 MHz (UL) | TRA-ECS | GSM or UTRA FDD | National Coverage | Start: 23-07-1992 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | VODAFONE LIMITED | 935.1 - 939.7 MHz (DL) 890.1 - 894.7 MHz (UL) | TRA-ECS | GSM or UTRA FDD | National Coverage | Start: 23-07-1992 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | TELEFONICA UK LIMITED | 939.7 - 947.3 MHz (DL) 894.7 - 902.3 MHz (UL) | TRA-ECS | GSM or UTRA FDD | National Coverage | Start: 23-07-1992 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | VODAFONE LIMITED | 947.3 - 955.1 MHz (DL) 902.3 - 910.1 MHz (UL) | TRA-ECS | GSM or UTRA FDD | National Coverage | Start: 23-07-1992 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | TELEFONICA UK LIMITED | 955.1 - 959.9 MHz (DL) 910.1 - 914.9 MHz (UL) | TRA-ECS | GSM or UTRA FDD | National Coverage | Start: 23-07-1992 Expiry: 01-01-2099 Tradeable | No expiry date |









1452 MHz - 1492 MHz Mobile Band Supplemental Downlink








1452-1492 MHz for Mobile/Fixed Communications Networks Supplemental Downlink (MFCN SDL)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------------------------------------|
|  | Vodafone | 1452 - 1472 MHz | TRA-ECS | LTE - SDL | National Coverage | Start: 16-05-2008 Expiry: 01-01-2099 Tradeable | Was bought via a trade in 2016 from Qualcomm |
|  | HUTCHISON 3G UK LIMITED | 1472 - 1492 MHz | TRA-ECS | LTE - SDL | National Coverage | Start: 01-06-2008 Expiry: 01-01-2099 Tradeable | Was bought via a trade in 2016 from Qualcomm |

1800 MHz Mobile Band




1710-1785 MHz / 1805-1880 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------|-------------|------------------------------|-------------------|------------------------------------------------------|----------------|
|  | TELEFONICA UK LIMITED | 1805.1 - 1810.9 MHz (DL) 1710.1 - 1715.9 MHz (UL) | TRA-ECS | GSM or UTRA FDD | National Coverage | Start: 23-07-1992 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | VODAFONE LIMITED | 1810.9 - 1816.7 MHz (DL) 1715.9 - 1721.7 MHz (UL) | TRA-ECS | GSM or UTRA FDD | National Coverage | Start: 23-07-1992 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | HUTCHISON 3G UK LIMITED | 1816.7 - 1831.7 MHz (DL) 1721.7 - 1736.7 MHz (UL) | TRA-ECS | LTE | National Coverage | Start: 08-10-2012 Expiry: 01-01-2100 Tradeable | Traded from EE |
|  | EE Limited | 1831.7 - 1876.7 MHz (DL) 1736.7 - 1781.7 MHz (UL) | TRA-ECS | GSM, UTRA FDD, LTE, WiMAX | National Coverage | Start: 26-03-1993 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | TeleWare PLC | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | BRITISH TELECOMMUNICATIONS PLC | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | PLDT (UK) LIMITED | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | Talk Talk PLC | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | FMS SOLUTIONS LIMITED | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | TELEFONICA UK LIMITED | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | SHYAM TELECOM UK LIMITED | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | Mundio Mobile Limited | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | COLT MOBILE TELECOMMUNICATIONS LIMITED | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 02-05-2006 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | UK Broadband Limited | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 22-07-2010 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | Vodafone | 1876.7 - 1880 MHz (DL) 1781.7 - 1785 MHz (UL) | GSM | | National Coverage | Start: 03-05-2013 Expiry: 01-01-2099 Tradeable | No expiry date |





2 GHz Mobile Band

1900-1920 MHz (unpaired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|-------------------------|---------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | EE Limited | 1899.9 - 1909.9 MHz | IMT | UTRA TDD | National Coverage | Start: 01-04-2000 Expiry: 31-12-2099 Tradeable | No expiry date |
|  | TELEFONICA UK LIMITED | 1909.9 - 1914.9 MHz | IMT | UTRA TDD | National Coverage | Start: 01-04-2000 Expiry: 31-12-2099 Tradeable | No expiry date |
|  | HUTCHISON 3G UK LIMITED | 1914.9 - 1920 MHz | IMT | UTRA TDD | National Coverage | Start: 01-04-2000 Expiry: 01-01-2099 Tradeable | No expiry date |


2 GHz Mobile Band

1920-1980 MHz / 2110-2170 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|------------------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | HUTCHISON 3G UK LIMITED | 2110.3 - 2124.9 MHz (DL) 1920 - 1934.9 MHz (UL) | TRA-ECS | UTRA FDD | National Coverage | Start: 09-05-2000 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | TELEFONICA UK LIMITED | 2124.9 - 2134.9 MHz (DL) 1934.9 - 1944.9 MHz (UL) | TRA-ECS | UTRA FDD | National Coverage | Start: 16-05-2000 Expiry: 31-12-2021 Tradeable | No expiry date |
|  | VODAFONE LIMITED | 2134.9 - 2149.7 MHz (DL) 1944.9 - 1959.7 MHz (UL) | IMT | UTRA FDD | National Coverage | Start: 01-09-2000 Expiry: 31-12-2099 Tradeable | No expiry date |
|  | EE Limited | 2149.7 - 2169.7 MHz (DL) 1959.7 - 1979.7 MHz (UL) | IMT | UTRA FDD | National Coverage | Start: 09-05-2000 Expiry: 31-12-2099 Tradeable | No expiry date |




2300 MHz - 2400 MHz Mobile Band

2300 MHz - 2400 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-----------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | TELEFONICA UK LIMITED | 2350 - 2390 MHz | TRA-ECS | | National Coverage | Start: 05-04-2018 Expiry: 01-01-2100 Tradeable | No expiry date |



2.6 GHz Mobile Band

2500-2570 MHz / 2620-2690 MHz (paired frequency arrangement)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | Vodafone Limited | 2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-03-2013 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | British Telecommunications Plc | 2640 - 2655 MHz (DL) 2520 - 2535 MHz (UL) | TRA-ECS | | National Coverage | Start: 22-04-2013 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | EE Limited | 2655 - 2690 MHz (DL) 2535 - 2570 MHz (UL) | TRA-ECS | | National Coverage | Start: 01-03-2013 Expiry: 01-01-2099 Tradeable | No expiry date |





2.6 GHz Mobile Band

2570-2620 MHz (unpaired frequency band)

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|--------------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | Vodafone Limited | 2570 - 2595 MHz | TRA-ECS | | National Coverage | Start: 01-03-2013 Expiry: 01-01-2099 Tradeable | No expiry date |
|  | British Telecommunications Plc | 2595 - 2620 MHz | TRA-ECS | | National Coverage | Start: 22-04-2013 Expiry: 01-01-2099 Tradeable | No expiry date |

3.5 GHz Band

3400-3600 MHz

| | Operator | Frequencies | Application | Technology in use | Coverage | Duration, tradability | Comments |
|----------------------------------------------------------------------------------|-------------------------|-----------------|-------------|-------------------|-------------------|------------------------------------------------------|----------------|
|  | Vodafone | 3410 - 3460 MHz | TRA-ECS | | National Coverage | Start: 05-04-2018 Expiry: 01-01-2100 Tradeable | No expiry date |
|  | HUTCHISON 3G UK LIMITED | 3460 - 3480 MHz | TRA-ECS | | National Coverage | Start: 05-04-2018 Expiry: 01-01-2100 Tradeable | No expiry date |
|  | TELEFONICA UK LIMITED | 3500 - 3540 MHz | TRA-ECS | | National Coverage | Start: 05-04-2018 Expiry: 01-01-2100 Tradeable | No expiry date |
|  | EE Limited | 3540 - 3580 MHz | TRA-ECS | | National Coverage | Start: 05-04-2018 Expiry: 01-01-2100 Tradeable | No expiry date |