



European Communications Office (ECO)



**ECO REPORT 03**

**THE LICENSING OF "MOBILE BANDS" IN CEPT**

**28 February 2023**

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**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
- 1427-1452 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
- 3400-3800 MHz
- 24.25-27.50 GHz

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
- 1427-1452 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
- 3400-3800 MHz
- 24.25-27.50 GHz

The frequency bands listed above are regarded in this ECO Report as 'mobile' since they are used for mobile systems such as GSM, UMTS, LTE or 5G NR 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 list of bands included in the Report is updated regularly based on ECC harmonisation activities. In 2018 the 26 GHz band (24.25-27.5 GHz) was added to the list to allow for inclusion of information on 5G authorisations in this band according to ECC Decision (18)06.

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, a 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 utilisation (at the time of publication) of the 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 the 'ERO document on the use of mobile bands' where information on the used technologies in specific frequency bands became optional. Until 2010 this document was 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 licences 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 licences have expired. No new licence 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 centre frequencies.



Information is given for the following countries :

Albania (2023)	Liechtenstein (2022)
Andorra (2013)	Lithuania (2022)
Austria (2021)	Luxembourg (2022)
Azerbaijan (2017)	Malta (2021)
Belgium (2022)	Moldova (2022)
Bosnia and Herzegovina (2017)	Montenegro (2023)
Bulgaria (2022)	Netherlands (2021)
Croatia (2021)	North Macedonia (2022)
Cyprus (2021)	Norway (2022)
Czech Republic (2022)	Poland (2022)
Denmark (2020)	Portugal (2022)
Estonia (2022)	Romania (2014)
Finland (2023)	Serbia (2017)
France (2020)	Slovakia (2022)
Georgia (2017)	Slovenia (2022)
Germany (2023)	Spain (2023)
Greece (2017)	Sweden (2021)
Hungary (2022)	Switzerland (2022)
Iceland (2022)	Türkiye (2022)
Ireland (2022)	Ukraine (2019)
Italy (2022)	United Kingdom (2021)
Latvia (2022)	

## Albania (2023)









## 800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Vodafone Albania	801 - 811 MHz (DL) 842 - 852 MHz (UL)	MFCN	4 G	National Coverage	Start: 04-03-2019 Expiry: 03-04-2034	
	One Albania	811 - 821 MHz (DL) 852 - 862 MHz (UL)	MFCN	4 G	National Coverage	Start: 27-09-2019	








## 900 MHz Mobile Band

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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Vodafone Albania	925.4 - 926 MHz (DL) 880.4 - 881 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-06-2015 Expiry: 01-06-2030	
	Vodafone Albania	926.2 - 926.6 MHz (DL) 881.2 - 881.6 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-07-2015 Expiry: 01-07-2030	
	Vodafone Albania	927 - 930.8 MHz (DL) 882 - 885.8 MHz (UL)	MFCN	GSM	National Coverage	Start: 25-06-2009 Expiry: 25-06-2024	
	One Albania	931 - 934.8 MHz (DL) 886 - 889.8 MHz (UL)	MFCN	GSM	National Coverage	Start: 25-06-2009 Expiry: 25-06-2024	
	One Albania	935.2 - 943 MHz (DL) 890.2 - 898 MHz (UL)	MFCN	GSM	National Coverage	Start: 19-08-2014 Expiry: 19-08-2029	
	One Albania	943.4 - 951.2 MHz (DL) 898.4 - 906.2 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-03-2019 Expiry: 01-03-2034	
	Vodafone Albania	951.6 - 951.8 MHz (DL) 906.6 - 906.8 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-06-2015 Expiry: 01-06-2030	
	Vodafone Albania	952 - 959.8 MHz (DL) 907 - 914.8 MHz (UL)	MFCN	GSM	National Coverage	Start: 09-06-2016 Expiry: 09-06-2031	




## 1800 MHz Mobile Band

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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	One Albania	1805.2 - 1826 MHz (DL) 1710.2 - 1731 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-04-2015 Expiry: 01-04-2030	For 9 MHz of spectrum the start date is 2014-08-19; the expiry date: 2029-08-19. The 12 MHz is as above.
	Vodafone Albania	1826.4 - 1830.8 MHz (DL) 1731.4 - 1735.8 MHz (UL)	MFCN	GSM	National Coverage	Start: 25-06-2009 Expiry: 25-06-2024	
	Vodafone Albania	1830.8 - 1835.2 MHz (DL) 1735.8 - 1740.2 MHz (UL)	MFCN	GSM	National Coverage	Start: 25-06-2009 Expiry: 25-06-2024	
	Vodafone Albania	1835.6 - 1858.8 MHz (DL) 1740.6 - 1763.8 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-04-2015 Expiry: 01-04-2030	For 9 MHz of spectrum the start date is 2016-06-09 and the expiry date is 2031-06-09. For the 14.4 MHz is as above
	Vodafone Albania	1859 - 1866 MHz (DL) 1764 - 1771 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-03-2019 Expiry: 01-03-2034	
	One Albania	1866.2 - 1868 MHz (DL) 1771.2 - 1773 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-03-2019 Expiry: 01-03-2034	
	One Albania	1868.2 - 1879.8 MHz (DL) 1773.2 - 1784.8 MHz (UL)	MFCN	GSM	National Coverage	Start: 01-04-2015 Expiry: 01-04-2030	




**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	MFCN	3 G	National Coverage	Start: 02-12-2010 Expiry: 31-12-2025	
	One Albania	1905 - 1910 MHz	MFCN	3 G	National Coverage	Start: 30-10-2011 Expiry: 30-10-2026	
	One Albania	1910 - 1915 MHz	MFCN	3 G	National Coverage	Start: 30-11-2012 Expiry: 30-11-2027	

**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 - 2125 MHz (DL) 1920 - 1935 MHz (UL)	IMT	3G	National Coverage	Start: 01-12-2010 Expiry: 31-12-2025	
	One Albania	2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL)	MFCN	3 G	National Coverage	Start: 30-10-2011 Expiry: 30-10-2026	
	One Albania	2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL)	MFCN	3 G	National Coverage	Start: 30-11-2012 Expiry: 30-11-2027	



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Vodafone Albania	2155 - 2160 MHz (DL) 1965 - 1970 MHz (UL)	IMT	3 G	National Coverage	Start: 06-11-2014 Expiry: 06-11-2029	
	Vodafone Albania	2160 - 2165 MHz (DL) 1970 - 1975 MHz (UL)	MFCN	3 G	National Coverage	Start: 01-04-2016 Expiry: 01-04-2031	
	Vodafone Albania	2165 - 2170 MHz (DL) 1975 - 1980 MHz (UL)	MFCN	3 G	National Coverage	Start: 01-04-2016 Expiry: 01-04-2031	


**2.6 GHz Mobile Band**

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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	One Albania	2630 - 2650 MHz (DL) 2510 - 2530 MHz (UL)	MFCN	4 G	National Coverage	Start: 01-05-2015 Expiry: 01-05-2030	
	Vodafone Albania	2650 - 2670 MHz (DL) 2530 - 2550 MHz (UL)	MFCN	4 G	National Coverage	Start: 01-05-2015 Expiry: 01-05-2030	
	Vodafone Albania	2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL)	MFCN	4 G	National Coverage	Start: 01-05-2016 Expiry: 01-05-2031	

**2.6 GHz Mobile Band**


2570-2620 MHz (unpaired frequency band)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Vodafone Albania	2570 - 2590 MHz	MFCN	4 G	National Coverage	Start: 01-05-2015 Expiry: 01-05-2030	

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

**3400-3800 MHz Mobile Band**



3400 MHz - 3800 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 (2021)**



**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
	Hutchison Drei Austria GmbH	758 - 768 MHz (DL) 703 - 713 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2044 Tradeable	StartDate:2020-10-19
	T-Mobile Austria GmbH	768 - 788 MHz (DL) 713 - 733 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2044 Tradeable	StartDate:2020-10-19







**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	Expiry: 31-12-2029 Tradeable	StartDate:2013-11-19
	T-Mobile Austria GmbH	811 - 821 MHz (DL) 852 - 862 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2029 Tradeable	StartDate:2013-11-19

**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 - 940 MHz (DL) 880 - 895 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2034 Tradeable	StartDate:2018-01-01
	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	Expiry: 31-12-2034 Tradeable	StartDate:2018-01-01
	A1 Telekom Austria Aktiengesellschaft	945 - 960 MHz (DL) 900 - 915 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2034 Tradeable	StartDate:2018-01-01
	A1 Telekom Austria Aktiengesellschaft	945 - 955 MHz (DL) 900 - 910 MHz (UL)	Digital cellular		National Coverage	Start: 01-01-2016 Expiry: 31-12-2034	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						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	


**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
	T-Mobile Austria GmbH	1427 - 1457 MHz	Digital cellular		National Coverage	Expiry: 31-12-2044 Tradeable	StartDate:2020-10-19


**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
	Hutchison Drei Austria GmbH	1457 - 1487 MHz	Digital cellular		National Coverage	Expiry: 31-12-2044 Tradeable	StartDate:2020-10-19




**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
	A1 Telekom Austria Aktiengesellschaft	1487 - 1517 MHz	Digital cellular		National Coverage	Expiry: 31-12-2044 Tradeable	StartDate:2020-10-19




**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	Expiry: 31-12-2034 Tradeable	StartDate:2020-01-01
	Hutchison Drei Austria GmbH	1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2034 Tradeable	StartDate:2020-01-01
	A1 Telekom Austria Aktiengesellschaft	1845 - 1880 MHz (DL) 1750 - 1785 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2034 Tradeable	StartDate:2020-01-01


**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 - 2135 MHz (DL) 1920 - 1945 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2044 Tradeable	StartDate:2021-01-01
	T-Mobile Austria GmbH	2135 - 2150 MHz (DL) 1945 - 1960 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2044 Tradeable	StartDate:2021-01-01
	Hutchison Drei Austria GmbH	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2044 Tradeable	StartDate:2021-01-01







**2300 MHz - 2400 MHz Mobile Band**

2300 MHz - 2400 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	not available for ECS	2300 - 2400 MHz	Digital cellular		National Coverage	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	StartDate:2010-10-08
	T-Mobile Austria GmbH	2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2026 Tradeable	StartDate:2010-10-18
	A1 Telekom Austria Aktiengesellschaft	2660 - 2665 MHz (DL) 2540 - 2545 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2026 Tradeable	StartDate:2012-12-13
	Hutchison Drei Austria GmbH	2665 - 2690 MHz (DL) 2545 - 2570 MHz (UL)	Digital cellular		National Coverage	Expiry: 31-12-2026 Tradeable	StartDate:2010-10-18
	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	StartDate:2010-10-08
	A1 Telekom Austria Aktiengesellschaft	2595 - 2620 MHz	Digital cellular		National Coverage	Expiry: 31-12-2026 Tradeable	StartDate:2010-10-08

3400-3800 MHz Mobile Band

3400 MHz - 3800 MHz

	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 l	Tradeable	
	available	3510 - 3531 MHz (DL) 3410 - 3431 MHz (UL)	Digital cellular		Regional/local coverage Region i	Tradeable	
	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	
	Salzburg AG für Energie, Verkehr und Telekommunikation	3410 - 3490 MHz	Digital cellular		Regional/local coverage A03u, A03r	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	LIWEST Kabelmedien GmbH	3410 - 3490 MHz	Digital cellular		Regional/local coverage A02u, A02r	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	Holding Graz - Kommunale Dienstleistungen GmbH	3410 - 3460 MHz	Digital cellular		Regional/local coverage A06u	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	Holding Graz - Kommunale Dienstleistungen GmbH	3410 - 3450 MHz	Digital cellular		Regional/local coverage A06r	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	MASS Response Service GmbH	3410 - 3440 MHz	Digital cellular		Regional/local coverage A01r	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	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	










	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 m	Tradeable	
	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	
	A1 Telekom Austria Aktiengesellschaft	3450 - 3590 MHz	Digital cellular		Regional/local coverage A01u, A01r	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	Salzburg AG für Energie, Verkehr und Telekommunikation	3450 - 3490 MHz	Digital cellular		Regional/local coverage A06r	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	A1 Telekom Austria Aktiengesellschaft	3470 - 3590 MHz	Digital cellular		Regional/local coverage A04u, A04r, A05u, A05r, A06u	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	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	
	A1 Telekom Austria Aktiengesellschaft	3490 - 3590 MHz	Digital cellular		Regional/local coverage A02u, A02r, A03u, A03r, A06r	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	Hutchison Drei Austria GmbH	3590 - 3600 MHz	Digital cellular		National Coverage	Expiry: 31-12-2039 Tradeable	StartDate:2020-01-01
	available	3600 - 3800 MHz	Digital cellular		National Coverage	Tradeable	
	Hutchison Drei Austria GmbH	3600 - 3690 MHz	Digital cellular		National Coverage	Expiry: 31-12-2039 Tradeable	StartDate:2019-04-08
	T-Mobile Austria GmbH	3690 - 3800 MHz	Digital cellular		National Coverage	Expiry: 31-12-2039 Tradeable	StartDate:2019-04-08



## Azerbaijan (2017)

## 3400-3800 MHz Mobile Band




## 3400 MHz - 3800 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
	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

Belgium (2022)





**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	LTE	National Coverage	Expiry: 29-11-2033 Tradeable	
	Proximus	801 - 811 MHz (DL) 842 - 852 MHz (UL)	BWA	LTE	National Coverage	Expiry: 29-11-2033 Tradeable	
	Orange Belgium	811 - 821 MHz (DL) 852 - 862 MHz (UL)	BWA	LTE	National Coverage	Expiry: 29-11-2033 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	LTE	National Coverage	Expiry: 30-06-2027 Tradeable	
	Citymesh	2640 - 2655 MHz (DL) 2520 - 2535 MHz (UL)	BWA	LTE	National Coverage	Expiry: 30-09-2035 Tradeable	
	Telenet Group	2655 - 2670 MHz (DL) 2535 - 2550 MHz (UL)	BWA	LTE	National Coverage	Expiry: 30-06-2027 Tradeable	
	Orange Belgium	2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL)	BWA	LTE	National Coverage	Expiry: 30-06-2027 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: 30-06-2027 Tradeable	

**3400-3800 MHz Mobile Band**




3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Gridmax	3410 - 3450 MHz	BWA	WiMax		Expiry: 06-05-2025 Tradeable	
	Citymesh	3410 - 3450 MHz	BWA	LTE		Expiry: 06-05-2025 Tradeable	
	Telenet Group	3600 - 3650 MHz	BWA		National Coverage		
	Orange Belgium	3650 - 3700 MHz	BWA		National Coverage		
	Proximus	3750 - 3800 MHz	BWA	NR	National Coverage		

## Bosnia and Herzegovina (2017)




## 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 (2022)**




**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	Neutral	National Coverage	Start: 08-06-1994 Expiry: 08-06-2024 Tradeable	
	Yettel Bulgaria EAD	927.1 - 928.9 MHz (DL) 882.1 - 883.9 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 11-01-2001 Expiry: 23-01-2031 Tradeable	
	Vivacom Bulgaria EAD	929.1 - 940.3 MHz (DL) 884.1 - 895.3 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 07-06-2004 Expiry: 07-06-2024 Tradeable	
	A1 Bulgaria EAD	940.7 - 950.1 MHz (DL) 895.7 - 905.1 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 08-06-1994 Expiry: 08-06-2024 Tradeable	
	Yettel Bulgaria EAD	950.5 - 959.9 MHz (DL) 905.5 - 914.9 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 11-01-2001 Expiry: 23-01-2031 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 Bulgaria EAD	1805 - 1820 MHz (DL) 1710 - 1725 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 08-06-1994 Expiry: 08-06-2024 Tradeable	
	Yettel Bulgaria EAD	1820 - 1835 MHz (DL) 1725 - 1740 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 11-01-2001 Expiry: 23-01-2031 Tradeable	
	Vivacom Bulgaria EAD	1835 - 1850 MHz (DL) 1740 - 1755 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 07-06-2004 Expiry: 07-06-2024 Tradeable	




**2 GHz Mobile Band**

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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Yettel Bulgaria EAD	2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 25-04-2005 Expiry: 25-04-2025 Tradeable	
	A1 Bulgaria EAD	2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 25-04-2005 Expiry: 25-04-2025 Tradeable	
	Vivacom Bulgaria EAD	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 25-04-2005 Expiry: 25-04-2025 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 Bulgaria EAD	2630 - 2650 MHz (DL) 2510 - 2530 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 15-03-2021 Expiry: 15-03-2041 Tradeable	
	Vivacom Bulgaria EAD	2650 - 2670 MHz (DL) 2530 - 2550 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 01-03-2021 Expiry: 01-03-2041 Tradeable	
	Yettel Bulgaria EAD	2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 01-03-2021 Expiry: 01-03-2041 Tradeable	

**3400-3800 MHz Mobile Band**

3400 MHz - 3800 MHz




	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Yettel Bulgaria EAD	3440 - 3460 MHz	TRA-ECS	Neutral	National Coverage	Start: 11-05-2021 Expiry: 11-05-2041 Tradeable	
	A1 Bulgaria EAD	3460 - 3480 MHz	TRA-ECS	Neutral	National Coverage	Start: 11-05-2021 Expiry: 11-05-2041 Tradeable	
	Vivacom Bulgaria EAD	3480 - 3500 MHz	TRA-ECS	Neutral	National Coverage	Start: 11-05-2021 Expiry: 11-05-2041 Tradeable	
	Yettel Bulgaria EAD	3500 - 3600 MHz	TRA-ECS	Neutral	National Coverage	Start: 11-05-2021 Expiry: 11-05-2041	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	A1 Bulgaria EAD	3600 - 3700 MHz	TRA-ECS	Neutral	National Coverage	Start: 11-05-2021 Expiry: 11-05-2041 Tradeable	
	Vivacom Bulgaria EAD	3700 - 3800 MHz	TRA-ECS	Neutral	National Coverage	Start: 11-05-2021 Expiry: 11-05-2041 Tradeable	

Croatia (2021)



**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
	A1 Hrvatska d.o.o.	758 - 768 MHz (DL) 703 - 713 MHz (UL)	MFCN		National Coverage	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	Telemach Hrvatska d.o.o.	768 - 778 MHz (DL) 713 - 723 MHz (UL)	MFCN		National Coverage	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	Hrvatski Telekom d.d.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	MFCN		National Coverage	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	




**800 MHz Mobile Band (the UHF band)**

790-862 MHz (paired frequency arrangement)



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	A1 Hrvatska d.o.o.	791 - 806 MHz (DL) 832 - 847 MHz (UL)	MFCN	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)	MFCN	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
	Telemach Hrvatska d.o.o.	925.3 - 930.3 MHz (DL) 880.3 - 885.3 MHz (UL)	MFCN	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)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 17-09-2009 Expiry: 18-10-2024 Tradeable	
	A1 Hrvatska d.o.o.	932.7 - 940.9 MHz (DL) 887.7 - 895.9 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 01-07-2009 Expiry: 18-10-2024	



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Hrvatski Telekom d.d.	941.1 - 953.1 MHz (DL) 896.1 - 908.1 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 17-09-2009 Expiry: 18-10-2024 Tradeable	
	A1 Hrvatska d.o.o.	953.3 - 959.5 MHz (DL) 908.3 - 914.5 MHz (UL)	MFCN	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
	Telemach Hrvatska d.o.o.	1805.1 - 1825.1 MHz (DL) 1710.1 - 1730.1 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 22-12-2004 Expiry: 22-12-2024 Tradeable	extension in 2014 from 2x12 to 2x20MHz
	Hrvatski Telekom d.d.	1825.1 - 1845.1 MHz (DL) 1730.1 - 1750.1 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 17-09-2009 Expiry: 18-10-2024 Tradeable	extension in 2011 from 2x8.4 to 2x20MHz
	Telemach Hrvatska d.o.o.	1845.1 - 1849.9 MHz (DL) 1750.1 - 1754.9 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 22-12-2004 Expiry: 22-12-2024 Tradeable	extension in 2014
	A1 Hrvatska d.o.o.	1849.9 - 1869.9 MHz (DL) 1754.9 - 1774.9 MHz (UL)	MFCN	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; A1 Hrvatska leases spectrum (1754.9–1757,1/1849,9–1852,1 MHz) from Tele 2
	Hrvatski Telekom d.d.	1869.9 - 1879.9 MHz (DL) 1774.9 - 1784.9 MHz (UL)	MFCN	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	MFCN		National Coverage	Start: 18-10-2004 Expiry: 18-10-2024 Tradeable	
	Telemach Hrvatska d.o.o.	1905 - 1910 MHz	MFCN		National Coverage	Start: 22-12-2004 Expiry: 22-12-2024 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	A1 Hrvatska d.o.o.	1910 - 1915 MHz	MFCN		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)	MFCN	UMTS, LTE	National Coverage	Start: 18-10-2004 Expiry: 18-10-2024 Tradeable	
	Telemach Hrvatska d.o.o.	2125 - 2150 MHz (DL) 1935 - 1960 MHz (UL)	MFCN	UMTS, LTE	National Coverage	Start: 22-12-2004 Expiry: 22-12-2024 Tradeable	Tele 2 leases spectrum (2140–2150/1950–1960 MHz) from A1 Hrvatska
	A1 Hrvatska d.o.o.	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	MFCN	UMTS, LTE	National Coverage	Start: 18-10-2004 Expiry: 18-10-2024 Tradeable	extension in 2019; A1 Hrvatska leases spectrum (2160-2170/1970-1980 MHz) from Tele 2


**2.6 GHz Mobile Band**










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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Telemach Hrvatska d.o.o.	2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL)	MFCN	LTE	National Coverage	Start: 01-05-2019 Expiry: 22-12-2024 Tradeable	
	A1 Hrvatska d.o.o.	2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL)	MFCN	LTE	National Coverage	Start: 01-05-2019 Expiry: 22-12-2024 Tradeable	
	Hrvatski Telekom d.d.	2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL)	MFCN	LTE	National Coverage	Start: 01-05-2019 Expiry: 22-12-2024 Tradeable	

**3400-3800 MHz Mobile Band**



3400 MHz - 3800 MHz



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	EOLO S.p.A	3400 - 3480 MHz	MFCN		Regional/local coverage	Start: 12-08-2021 Expiry: 11-08-2036	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
					Counties of Primorje-Gorski Kotar, Zadar, Split-Dalmatia and Istria	Tradeable	
	Markoja d.o.o.	3400 - 3480 MHz	MFCN		Regional/local coverage Counties of Sibenik-Knin and Dubrovnik-Neretva	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	O TELEKOMUNIKACIJE d.o.o.	3400 - 3470 MHz	BWA		Regional/local coverage Counties of Varazdin and Medimurje	Start: 04-11-2015 Expiry: 04-11-2023 Tradeable	Changes in the conditions of use of the spectrum from FDD to TDD in 2021
	BeelN d.o.o.	3400 - 3470 MHz	MFCN		Regional/local coverage County of Lika-Senj	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	Eco Net d.o.o.	3400 - 3450 MHz	MFCN		Regional/local coverage County of Krapina-Zagorje	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	Terrakom d.o.o.	3400 - 3450 MHz	MFCN		Regional/local coverage Counties of Zagreb, Sisak-Moslavina, Karlovac and Osijek-Baranja	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	Eco Net d.o.o.	3400 - 3450 MHz	MFCN		Regional/local coverage Counties of Varazdin and Medimurje	Start: 05-11-2023 Expiry: 04-11-2036 Tradeable	
	BeelN d.o.o.	3400 - 3430 MHz	MFCN		Regional/local coverage County of Pozega-Slavonia	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	Markoja d.o.o.	3450 - 3480 MHz	MFCN		Regional/local coverage County of Zagreb	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	Digicom d.o.o.	3450 - 3460 MHz	MFCN		Regional/local coverage County of Krapina-Zagorje	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	

**26 GHz Mobile Band**

24.25 GHz - 27.50 GHz





	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Telemach Hrvatska d.o.o.	26.5 - 26.7 GHz	MFCN		National Coverage	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	A1 Hrvatska d.o.o.	26.7 - 26.9 GHz	MFCN		National Coverage	Start: 12-08-2021 Expiry: 11-08-2036	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Hrvatski Telekom d.d.	26.9 - 27.3 GHz	MFCN		National Coverage	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	
	EOLO S.p.A	27.3 - 27.5 GHz	MFCN		National Coverage	Start: 12-08-2021 Expiry: 11-08-2036 Tradeable	

Cyprus (2021)




**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
	epic ltd	758 - 768 MHz (DL) 703 - 713 MHz (UL)	TRA-ECS		National Coverage	Start: 05-02-2021 Expiry: 05-02-2041 Tradeable	
	cyta	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS		National Coverage	Start: 15-01-2021 Expiry: 15-01-2041 Tradeable	
	Cablenet Communication Systems Plc	778 - 783 MHz (DL) 723 - 728 MHz (UL)	TRA-ECS		National Coverage	Start: 05-02-2021 Expiry: 05-02-2041 Tradeable	
	Primetel PLC	783 - 788 MHz (DL) 728 - 733 MHz (UL)	TRA-ECS		National Coverage	Start: 05-02-2021 Expiry: 05-02-2041 Tradeable	


**800 MHz Mobile Band (the UHF band)**



790-862 MHz (paired frequency arrangement)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Cablenet Communication Systems Plc	791 - 801 MHz (DL) 832 - 842 MHz (UL)	TRA-ECS		National Coverage	Start: 21-06-2019 Expiry: 21-06-2029 Tradeable	
	epic ltd	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	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	epic ltd	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	
	epic ltd	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 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	
	epic ltd	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
	Cablenet Communication Systems Plc	2670 - 2690 MHz (DL) 2550 - 2570 Hz (UL)	TRA-ECS		National Coverage	Start: 21-06-2019 Expiry: 21-06-2029 Tradeable	
	epic ltd	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
	epic ltd	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	
	Cablenet Communication Systems Plc	2600 - 2615 MHz	TRA-ECS		National Coverage	Start: 21-06-2019 Expiry: 21-06-2029 Tradeable	

3400-3800 MHz Mobile Band

3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Cablenet Communication Systems Plc	3400 - 3500 MHz	TRA-ECS		National Coverage	Start: 05-02-2021 Expiry: 05-02-2041 Tradeable	
	cyta	3500 - 3600 MHz	TRA-ECS		National Coverage	Start: 15-01-2021 Expiry: 15-01-2041 Tradeable	
	Primetel PLC	3600 - 3700 MHz	TRA-ECS		National Coverage	Start: 05-02-2021 Expiry: 05-02-2041 Tradeable	




	<b>Operator</b>	<b>Frequencies</b>	<b>Application</b>	<b>Technology in use</b>	<b>Coverage</b>	<b>Duration, tradability</b>	<b>Comments</b>
	epic ltd	3700 - 3800 MHz	TRA-ECS		National Coverage	Start: 05-02-2021 Expiry: 05-02-2041 Tradeable	



Czech Republic (2022)




**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
	O2 Czech Republic a.s.	758 - 768 MHz (DL) 703 - 713 MHz (UL)	IMT		National Coverage	Expiry: 30-06-2036 Tradeable	
	T- Mobile Czech Republic a.s.	768 - 778 MHz (DL) 713 - 723 MHz (UL)	IMT		National Coverage	Expiry: 30-06-2036 Tradeable	
	Vodafone Czech Republic a.s.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	IMT		National Coverage	Expiry: 30-06-2036 Tradeable	




**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
	Vodafone Czech Republic a.s.	925.1 - 935.1 MHz (DL) 880.1 - 890.1 MHz (UL)	TRA-ECS	technology neutral	National Coverage	Start: 01-01-2009 Expiry: 30-06-2029 Tradeable	conditional transfer of rights
	T- Mobile Czech Republic a.s.	935.1 - 946.3 MHz (DL) 890.1 - 901.3 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.	946.3 - 947.5 MHz (DL) 901.3 - 902.5 MHz (UL)	TRA-ECS	technology neutral	National Coverage	Start: 01-01-2005 Expiry: 22-10-2024	conditional transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	O2 Czech Republic a.s.	947.5 - 959.9 MHz (DL) 902.5 - 914.9 MHz (UL)	TRA-ECS	technology neutral	National Coverage	Start: 08-02-2016 Expiry: 22-10-2024 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
	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
	O2 Czech Republic a.s.	1822.3 - 1832.9 MHz (DL) 1727.3 - 1737.9 MHz (UL)	TRA-ECS	technology neutral, FDD	National Coverage	Start: 22-09-2016 Expiry: 30-06-2029 Tradeable	conditional transfer of rights
	T- Mobile Czech Republic a.s.	1832.9 - 1834.9 MHz (DL) 1737.9 - 1739.9 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.	1834.9 - 1852.9 MHz (DL) 1739.9 - 1757.9 MHz (UL)	TRA-ECS	technology neutral, FDD	National Coverage	Start: 01-01-2005 Expiry: 22-10-2024 Tradeable	conditional transfer of rights
	Vodafone Czech Republic a.s.	1852.9 - 1857.9 MHz (DL) 1757.9 - 1762.9 MHz (UL)	TRA-ECS	technology neutral, FDD	National Coverage	Start: 02-12-2016 Expiry: 30-06-2029 Tradeable	conditional transfer of rights
	Vodafone Czech Republic a.s.	1857.9 - 1875.9 MHz (DL) 1762.9 - 1780.9 MHz (UL)	TRA-ECS	technology neutral, FDD	National Coverage	Expiry: 30-06-2029 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	conditional transfer of rights

	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
	O2 Czech Republic a.s.	2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL)	IMT	FDD	National Coverage	Start: 01-01-2005 Expiry: 31-12-2041 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

**3400-3800 MHz Mobile Band**





3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	incrate	3400 - 3480 MHz	IMT		National Coverage	Expiry: 30-06-2032 Tradeable	
	T-Mobile Czech Republic a.s.	3480 - 3540 MHz	IMT		National Coverage	Expiry: 30-06-2032 Tradeable	
	Vodafone Czech Republic a.s.	3540 - 3580 MHz	IMT	neutral technology	National Coverage	Start: 30-08-2017 Expiry: 30-06-2032 Tradeable	conditional transfer of rights
	Vodafone Czech Republic a.s.	3580 - 3600 MHz	IMT		National Coverage	Expiry: 30-06-2032 Tradeable	
	PODA a.s.	3600 - 3640 MHz	IMT	neutral technology	National Coverage	Start: 30-08-2017 Expiry: 30-06-2032 Tradeable	conditional transfer of rights
	O2 Czech Republic a.s.	3640 - 3660 MHz	IMT	neutral technology	National Coverage	Start: 30-08-2017 Expiry: 30-06-2032 Tradeable	conditional transfer of rights
	O2 Czech Republic a.s.	3660 - 3700 MHz	IMT		National Coverage	Expiry: 30-06-2032 Tradeable	
	Nordic Telecom 5G a.s.	3700 - 3720 MHz	IMT	neutral technology	National Coverage	Start: 30-08-2017 Expiry: 30-06-2032 Tradeable	conditional transfer of rights
	Nordic Telecom 5G a.s.	3720 - 3800 MHz	IMT	neutral technology	National Coverage	Start: 30-08-2017 Expiry: 30-06-2032 Tradeable	conditional transfer of rights

Denmark (2020)




**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
	Hi3G Denmark ApS	758 - 768 MHz (DL) 703 - 713 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 01-04-2020 Expiry: 03-04-2040 Tradeable	
	TT-Netvaerket P/S	768 - 773 MHz (DL) 713 - 718 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 01-04-2020 Expiry: 03-04-2040 Tradeable	
	TDC Netco A/S	773 - 788 MHz (DL) 718 - 733 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 01-04-2020 Expiry: 03-04-2040 Tradeable	
	TDC Netco A/S	738 - 758 MHz	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 01-04-2020 Expiry: 03-04-2040 Tradeable	


**800 MHz Mobile Band (the UHF band)**





790-862 MHz (paired frequency arrangement)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TT-Netvaerket P/S	791 - 801 MHz (DL) 832 - 842 MHz (UL)	TRA-ECS		National Coverage	Start: 01-01-2013 Expiry: 31-12-2034 Tradeable	
	TDC Netco A/S	801 - 821 MHz (DL) 842 - 862 MHz (UL)	TRA-ECS		National Coverage	Start: 01-01-2013 Expiry: 31-12-2034 Tradeable	
	TOTAL E&P Danmark A/S	811 - 821 MHz (DL) 852 - 862 MHz (UL)	TRA-ECS		One Transmitter Long:005E0147 Lat:55N3220	Start: 11-07-2019 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
	TT-Netvaerket P/S	925 - 935 MHz (DL) 880 - 890 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 01-04-2020 Expiry: 03-04-2040	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	TDC Netco A/S	935 - 945 MHz (DL) 890 - 900 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 01-04-2020 Expiry: 03-04-2040 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	
	Hi3G Denmark ApS	945 - 955 MHz (DL) 900 - 910 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 01-04-2020 Expiry: 03-04-2040 Tradeable	
	Hi3G Denmark ApS	955 - 960 MHz (DL) 910 - 915 MHz (UL)	Land mobile		National Coverage	Start: 01-01-2011 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
	TDC Netco A/S	1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 13-06-2017 Expiry: 12-06-2032 Tradeable	
	Hi3G Denmark ApS	1825 - 1835 MHz (DL) 1730 - 1740 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	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 Landsdaekkende	Start: 13-06-2017 Expiry: 12-06-2032 Tradeable	
	TT-Netvaerket P/S	1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL)	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 13-06-2017 Expiry: 12-06-2032 Tradeable	

**2300 MHz - 2400 MHz Mobile Band**









2300 MHz - 2400 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TDC Netco A/S	2300 - 2360 MHz	TRA-ECS		Regional/local coverage 100 Landsdaekkende	Start: 26-04-2019 Expiry: 31-12-2041 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Total E&P Danmark A/S	2380 - 2380.000001 MHz (DL) 2307 - 2307.000001 MHz (UL)	Fixed		One Transmitter Long:005E0620 Lat:55N2841	Start: 07-11-2002 Expiry: 31-12-2027 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
	TDC Netco A/S	2500 - 2520 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	
	Hi3G Denmark ApS	2520 - 2530 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	
	Telia Danmark	2530 - 2550 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	
	Telenor A/S	2550 - 2570 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	
	TDC Netco A/S	2620 - 2640 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	
	Hi3G Denmark ApS	2640 - 2650 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	
	Telia Danmark	2650 - 2670 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	
	Telenor A/S	2670 - 2690 MHz	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	



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Telenor A/S	2595 - 2605 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	
	Telia Danmark	2605 - 2620 MHz	TRA-ECS		National Coverage	Start: 01-06-2010 Expiry: 31-05-2030 Tradeable	

**26 GHz Mobile Band**

24.25 GHz - 27.50 GHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TELIA DANMARK, FILIAL AF TELIA	25.991 - 25.991000001 GHz (DL) 24.983 - 24.983000001 GHz (UL)	Fixed		National Coverage	Start: 10-07-2000 Expiry: 31-12-2025 Tradeable	
	TELIA DANMARK, FILIAL AF TELIA	26.019 - 26.019000001 GHz (DL) 25.011 - 25.011000001 GHz (UL)	Fixed		National Coverage	Start: 10-07-2000 Expiry: 31-12-2025 Tradeable	
	TELIA DANMARK, FILIAL AF TELIA	26.047 - 26.047000001 GHz (DL) 25.039 - 25.039000001 GHz (UL)	Fixed		National Coverage	Start: 10-07-2000 Expiry: 31-12-2025 Tradeable	
	TELIA DANMARK, FILIAL AF TELIA	26.075 - 26.075000001 GHz (DL) 25.067 - 25.067000001 GHz (UL)	Fixed		National Coverage	Start: 10-07-2000 Expiry: 31-12-2025 Tradeable	
	TELIA DANMARK, FILIAL AF TELIA	26.103 - 26.103000001 GHz (DL) 25.095 - 25.095000001 GHz (UL)	Fixed		National Coverage	Start: 10-07-2000 Expiry: 31-12-2025 Tradeable	
	Telenor A/S	26.145 - 26.145000001 GHz (DL) 25.137 - 25.137000001 GHz (UL)	Fixed		National Coverage	Start: 06-11-2006 Expiry: 31-12-2026 Tradeable	
	Telenor A/S	26.201 - 26.201000001 GHz (DL) 25.193 - 25.193000001 GHz (UL)	Fixed		National Coverage	Start: 06-11-2006 Expiry: 31-12-2026 Tradeable	






	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Telenor A/S	26.257 - 26.257000001 GHz (DL) 25.249 - 25.249000001 GHz (UL)	Fixed		National Coverage	Start: 06-11-2006 Expiry: 31-12-2026 Tradeable	
	Telenor A/S	26.313 - 26.313000001 GHz (DL) 25.305 - 25.305000001 GHz (UL)	Fixed		National Coverage	Start: 06-11-2006 Expiry: 31-12-2026 Tradeable	

## Estonia (2022)




## 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
	Tele2 Eesti AS	758 - 768 MHz (DL) 703 - 713 MHz (UL)	MFCN	5G	National Coverage	Start: 24-11-2022 Expiry: 24-11-2042 Tradeable	
	Elisa Eesti AS	768 - 778 MHz (DL) 713 - 723 MHz (UL)	MFCN	5G	National Coverage	Start: 22-11-2022 Expiry: 22-11-2042 Tradeable	
	Telia Eesti AS	778 - 788 MHz (DL) 723 - 733 MHz (UL)	MFCN	5G	National Coverage	Start: 23-11-2022 Expiry: 23-11-2042 Tradeable	



## 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	Licence shall be extended annually

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	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 Tradeable	Licence shall be extended annually
	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 - 2125 MHz (DL) 1920 - 1935 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 - 2140 MHz (DL) 1935 - 1950 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 - 2155 MHz (DL) 1950 - 1965 MHz (UL)	MFCN	UMTS, LTE	National Coverage	Start: 01-02-2016 Expiry: 01-02-2030 Tradeable	Licence shall be annually
	Elisa Eesti AS	2155 - 2170 MHz (DL) 1965 - 1980 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	2330 - 2360 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
	Telia Eesti AS	2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL)	MFCN	LTE	National Coverage	Start: 10-04-2017 Expiry: 10-04-2030 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	Licence shall be extended annually

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







**2.6 GHz Mobile Band**

2570-2620 MHz (unpaired frequency band)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Elisa Eesti AS	2575 - 2615 MHz	MFCN	LTE	National Coverage	Start: 18-06-2017 Expiry: 18-06-2030 Tradeable	Licence shall be extended annually

**3400-3800 MHz Mobile Band**




3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Elisa Eesti AS	3410 - 3480 MHz	MFCN	5G	National Coverage	Start: 08-06-2022 Expiry: 08-06-2042 Tradeable	Licence shall be extended annually
	Telia Eesti AS	3480 - 3540 MHz	MFCN	5G	National Coverage	Start: 21-07-2022 Expiry: 21-07-2042 Tradeable	Licence shall be extended annually
	Tele2 Eesti AS	3540 - 3600 MHz	MFCN	5G	National Coverage	Start: 04-08-2022 Expiry: 04-08-2042 Tradeable	Licence shall be extended annually
	Elisa Eesti AS	3600 - 3660 MHz	MFCN	5G	National Coverage	Start: 08-06-2022 Expiry: 08-06-2042 Tradeable	Licence shall be extended annually
	Telia Eesti AS	3660 - 3730 MHz	MFCN	5G	National Coverage	Start: 21-07-2022 Expiry: 21-07-2042 Tradeable	Licence shall be extended annually
	Tele2 Eesti AS	3730 - 3800 MHz	MFCN	5G	National Coverage	Start: 04-08-2022 Expiry: 04-08-2042 Tradeable	Licence shall be extended annually

**Finland (2023)**






**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, 5G NR	Regional/local coverage true	Start: 01-02-2017 Expiry: 31-12-2033	
	Elisa Corporation	768 - 778 MHz (DL) 713 - 723 MHz (UL)	MFCN	LTE, 5G NR	National Coverage	Start: 01-02-2017 Expiry: 31-12-2033	
	Telia Finland Corporation	778 - 788 MHz (DL) 723 - 733 MHz (UL)	MFCN	LTE, 5G NR	National Coverage	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 Providence of ?land	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 Providence of Aland	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 Providence of Aland	Start: 01-01-2014 Expiry: 31-12-2033	
	Alands Telekommunikation Ab	806 - 821 MHz (DL) 847 - 862 MHz (UL)	MFCN	LTE	Regional/local coverage true	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 Providence of Aland	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)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 01-01-2020 Expiry: 31-12-2033	
	Alands Telekommunikation Ab	925.1 - 929.9 MHz (DL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 09-12-2017	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
		880.1 - 884.9 MHz (UL)				Expiry: 31-12-2033	
+	Telia Finland Corporation	930.1 - 947.3 MHz (DL) 885.1 - 902.3 MHz (UL)	MFCN	GSM, UMTS, LTE	Regional/local coverage Province of Åland	Start: 07-11-2017 Expiry: 31-12-2033	
+	Telia Finland Corporation	936.9 - 948.3 MHz (DL) 891.9 - 903.3 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 01-01-2020 Expiry: 31-12-2033	
+	Ålands Telekommunikation Ab	947.5 - 959.9 MHz (DL) 902.5 - 914.9 MHz (UL)	MFCN	GSM, UMTS, LTE	Regional/local coverage true	Start: 09-12-2017 Expiry: 31-12-2033	
+	Elisa Corporation	948.5 - 959.9 MHz (DL) 903.5 - 914.9 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 01-01-2020 Expiry: 31-12-2033	

### 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	1805.1 - 1842.4 MHz (DL) 1710.1 - 1747.4 MHz (UL)	MFCN	GSM, UMTS, LTE	Regional/local coverage true	Start: 07-11-2017 Expiry: 31-12-2033	
+	Telia Finland Corporation	1805.1 - 1829.9 MHz (DL) 1710.1 - 1734.9 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 01-01-2020 Expiry: 31-12-2033	
+	DNA Ltd.	1830.1 - 1854.9 MHz (DL) 1735.1 - 1759.9 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 01-01-2020 Expiry: 31-12-2033	
+	Ålands Telekommunikation Ab	1842.5 - 1880 MHz (DL) 1747.5 - 1785 MHz (UL)	MFCN	GSM, UMTS, LTE	Regional/local coverage true	Start: 03-03-2015 Expiry: 31-12-2033	
+	Elisa Corporation	1855.1 - 1879.9 MHz (DL) 1760.1 - 1784.9 MHz (UL)	MFCN	GSM, UMTS, LTE	National Coverage	Start: 01-01-2020 Expiry: 31-12-2033	

### 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 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL)	MFCN	UMTS, UMTS/W- CDMA, UMTS/ HSPA, UMTS/HSPA +, LTE	Regional/local coverage true	Start: 19-03-2019 Expiry: 31-12-2033	
+	Elisa Corporation	2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL)	MFCN	UMTS, UMTS/W- CDMA, UMTS/ HSPA, UMTS/HSPA +, LTE	National Coverage	Start: 19-03-2019 Expiry: 31-12-2033	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
+	Telia Finland Corporation	2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL)	MFCN	UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA +	National Coverage	Start: 19-03-2019 Expiry: 31-12-2033	

**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)	MFCN	LTE	National Coverage	Start: 17-02-2010 Expiry: 16-02-2029 Tradeable	LTE
+	Telia Finland Corporation	2620 - 2625 MHz (DL) 2500 - 2505 MHz (UL)	MFCN	LTE	Regional/local coverage Province of ?land	Start: 03-03-2015 Expiry: 31-12-2033	
+	Ålands Telekommunikation Ab	2625 - 2630 MHz (DL) 2505 - 2510 MHz (UL)	MFCN	LTE	Regional/local coverage true	Start: 03-03-2015 Expiry: 31-12-2033	
+	TeliaSonera Finland Corporation	2630 - 2660 MHz (DL) 2510 - 2540 MHz (UL)	MFCN	LTE	Regional/local coverage Province of ?land	Start: 03-03-2015 Expiry: 31-12-2033	
+	Telia Finland Corporation	2640 - 2665 MHz (DL) 2520 - 2545 MHz (UL)	MFCN	LTE	National Coverage	Start: 17-02-2010 Expiry: 16-02-2029 Tradeable	LTE
+	Ålands Telekommunikation Ab	2660 - 2690 MHz (DL) 2540 - 2570 MHz (UL)	MFCN	LTE	Regional/local coverage true	Start: 03-03-2015 Expiry: 31-12-2033	
+	Elisa Corporation	2665 - 2690 MHz (DL) 2545 - 2570 MHz (UL)	MFCN	LTE	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
+	Elisa Corporation	2570 - 2620 MHz	MFCN	LTE	National Coverage	Start: 01-10-2014 Expiry: 16-02-2029 Tradeable	LTE

**3400-3800 MHz Mobile Band**

3400 MHz - 3800 MHz







	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Telia Finland Corporation	3410 - 3540 MHz	MFCN	5G NR	National Coverage	Start: 01-01-2019 Expiry: 31-12-2033	
	Telia Finland Corporation	3410 - 3510 MHz	MFCN	5G NR	Regional/local coverage Province of ?land	Start: 01-03-2020 Expiry: 31-12-2033	
	Elisa Corporation	3540 - 3670 MHz	MFCN	5G NR	National Coverage	Start: 01-01-2019 Expiry: 31-12-2033	
	Elisa Corporation	3540 - 3640 MHz	MFCN	5G NR	Regional/local coverage Province of ?land	Start: 01-03-2020 Expiry: 31-12-2033	
	DNA Ltd.	3670 - 3800 MHz	MFCN	5G NR	National Coverage	Start: 01-01-2019 Expiry: 31-12-2033	
	Ålands Telekommunikation Ab	3700 - 3800 MHz	MFCN	5G NR	Regional/local coverage true	Start: 01-03-2020 Expiry: 31-12-2033	

## France (2020)




## 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	<a href="http://www.arcep.fr/uploads/tx_gsavis/15-1569.pdf">http://www.arcep.fr/uploads/tx_gsavis/15-1569.pdf</a>
	Orange	763 - 773 MHz (DL) 708 - 718 MHz (UL)	MFCN		National Coverage	Start: 08-12-2015 Expiry: 08-12-2035 Tradeable	<a href="http://www.arcep.fr/uploads/tx_gsavis/15-1568.pdf">http://www.arcep.fr/uploads/tx_gsavis/15-1568.pdf</a>
	Bouygues Telecom	773 - 778 MHz (DL) 718 - 723 MHz (UL)	MFCN		National Coverage	Start: 08-12-2015 Expiry: 08-12-2035 Tradeable	<a href="http://www.arcep.fr/uploads/tx_gsavis/15-1566.pdf">http://www.arcep.fr/uploads/tx_gsavis/15-1566.pdf</a>
	Free Mobile	778 - 788 MHz (DL) 723 - 733 MHz (UL)	MFCN		National Coverage	Start: 08-12-2015 Expiry: 08-12-2035 Tradeable	<a href="http://www.arcep.fr/uploads/tx_gsavis/15-1567.pdf">http://www.arcep.fr/uploads/tx_gsavis/15-1567.pdf</a>


## 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		National Coverage	Start: 09-12-2009 Expiry: 08-12-2024	ARCEP DEC n 2009-0838

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Bouygues Telecom	925.1 - 933.8 MHz (DL) 880.1 - 888.8 MHz (UL)	MFCN		National Coverage	Start: 09-12-2024 Expiry: 08-12-2034 Tradeable	ARCEP DEC n 2018-1390
	Orange	933.8 - 943.6 MHz (DL) 888.8 - 898.6 MHz (UL)	MFCN		National Coverage	Start: 09-12-2024 Expiry: 08-02-2025 Tradeable	ARCEP DEC n 2018-1392
	Orange	933.8 - 942.5 MHz (DL) 888.8 - 897.5 MHz (UL)	MFCN		National Coverage	Start: 09-02-2025 Expiry: 24-03-2031 Tradeable	ARCEP DEC n 2018-1392
	Orange	934.9 - 943.6 MHz (DL) 889.9 - 898.6 MHz (UL)	MFCN		National Coverage	Start: 25-03-2021 Expiry: 08-12-2024 Tradeable	ARCEP DEC n 2018-1392
	Free Mobile	942.5 - 943.6 MHz (DL) 897.5 - 898.6 MHz (UL)	MFCN		National Coverage	Start: 09-02-2025 Expiry: 08-12-2034 Tradeable	ARCEP DEC n 2018-1391
	Free Mobile	943.6 - 944.9 MHz (DL) 898.6 - 899.9 MHz (UL)	MFCN		National Coverage	Start: 25-03-2021 Expiry: 24-03-2031 Tradeable	ARCEP DEC n 2018-1391
	Free Mobile	944.9 - 949.9 MHz (DL) 899.9 - 904.9 MHz (UL)	MFCN		National Coverage	Start: 12-01-2010 Expiry: 11-01-2030 Tradeable	ARCEP DEC n 2010-0043
	Free Mobile	949.9 - 951.2 MHz (DL) 904.9 - 906.2 MHz (UL)	MFCN		National Coverage	Start: 25-03-2021 Expiry: 24-03-2031 Tradeable	ARCEP DEC n 2018-1392
	SFR	951.2 - 959.9 MHz (DL) 906.2 - 914.9 MHz (UL)	MFCN		National Coverage	Start: 25-03-2021 Expiry: 24-03-2031 Tradeable	ARCEP DEC n 2018-1393

**1800 MHz Mobile Band**








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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Orange	1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL)	MFCN		National Coverage	Start: 25-03-2021 Expiry: 24-03-2031 Tradeable	ARCEP DEC n 2018-1392
	SFR	1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL)	MFCN		National Coverage	Start: 25-03-2021 Expiry: 24-03-2031 Tradeable	ARCEP DEC n 2018-1393

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Free mobile	1845 - 1860 MHz (DL) 1750 - 1765 MHz (UL)	MFCN		National Coverage	Start: 25-05-2016 Expiry: 11-10-2031 Tradeable	ARCEP DEC n 2014-1542 amended by n 2015-1080
	Bouygues Telecom	1860 - 1880 MHz (DL) 1765 - 1785 MHz (UL)	MFCN		National Coverage	Start: 25-05-2016 Expiry: 08-12-2024 Tradeable	ARCEP DEC n 2009-0838 amended by n 2013-0514
	Bouygues Telecom	1860 - 1880 MHz (DL) 1765 - 1785 MHz (UL)	MFCN		National Coverage	Start: 09-12-2024 Expiry: 08-12-2034 Tradeable	ARCEP DEC n 2018-1390





**2 GHz Mobile Band**

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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Free Mobile	1959.9 - 1964.9 MHz (DL) 1950.1 - 1954.9 MHz (UL)	MFCN		National Coverage	Start: 21-08-2021 Expiry: 20-08-2031 Tradeable	ARCEP DEC n 2018-1391
	SFR	2115.5 - 2125.3 MHz (DL) 1925.5 - 1935.3 MHz (UL)	MFCN		National Coverage	Start: 21-08-2021 Expiry: 20-08-2031 Tradeable	ARCEP DEC n 2018-1393
	Bouygues Telecom	2125.3 - 2140.1 MHz (DL) 1935.3 - 1950.1 MHz (UL)	MFCN		National Coverage	Start: 12-12-2022 Expiry: 11-12-2032 Tradeable	ARCEP DEC n 2018-1390
	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	
	Orange	2154.9 - 2164.9 MHz (DL) 1964.9 - 1974.9 MHz (UL)	MFCN		National Coverage	Start: 21-08-2021 Expiry: 20-08-2031 Tradeable	ARCEP DEC n 2018-1392
	Free Mobile	2149.9 - 2154.9 MHz (DL) 2140.1 - 2144.9 MHz (UL)	MFCN		National Coverage	Start: 21-08-2021 Expiry: 20-08-2031 Tradeable	ARCEP DEC n 2018-1391









**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
	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

**3400-3800 MHz Mobile Band**

3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Conseil régional de Bourgogne-Franche-Comté	3410 - 3460 MHz	Fixed		Regional/local coverage Côte-d'Or (21)	Start: 15-03-2018 Expiry: 30-06-2023 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-0191.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-0191.pdf</a>
	Conseil régional de Bourgogne-Franche-Comté	3410 - 3460 MHz	Fixed		Regional/local coverage Saône-et-Loire (71)	Start: 15-03-2018 Expiry: 31-01-2024 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-0192.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-0192.pdf</a>
	Xilan	3410 - 3460 MHz	Fixed		Regional/local coverage Var (83)	Start: 01-08-2019 Expiry: 31-12-2024 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-0519.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-0519.pdf</a>
	Groupement d'intérêt public Vendée Numérique	3410 - 3460 MHz	Fixed		Regional/local coverage Vendée (85)	Start: 17-01-2019 Expiry: 31-12-2025 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-0373.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-0373.pdf</a>
	Conseil régional de Bourgogne-Franche-Comté	3410 - 3460 MHz	Fixed		Regional/local coverage Yonne (89)	Start: 15-03-2018 Expiry: 24-06-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-0193.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-0193.pdf</a>
	SYADEN	3410 - 3460 MHz	Fixed		Regional/local coverage Aude (11)	Start: 05-07-2019 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-0786.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-0786.pdf</a>
	Conseil régional de Bourgogne-Franche-Comté	3410 - 3460 MHz	Fixed		Regional/local coverage Haute-Saône (70)	Start: 10-09-2019 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-1611.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-1611.pdf</a>
	Département de l'Isère	3410 - 3460 MHz	Fixed		Regional/local coverage Isère (38)	Start: 18-05-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-1025.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-1025.pdf</a>



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Sem@for77	3410 - 3460 MHz	Fixed		Regional/local coverage Seine-et-Marne (77)	Start: 31-01-2018 Expiry: 26-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/18-0618.pdf">https://www.arcep.fr/uploads/tx_gsavis/18-0618.pdf</a>
	Weaccess	3410 - 3460 MHz	Fixed		Regional/local coverage Loiret (45)	Start: 06-02-2018 Expiry: 26-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/18-0851.pdf">https://www.arcep.fr/uploads/tx_gsavis/18-0851.pdf</a>
	Département de Charente-Maritime	3410 - 3440 MHz	Fixed		Regional/local coverage Charente-Maritime (17)	Start: 01-06-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-1017.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-1017.pdf</a>
	Axione	3410 - 3440 MHz	Fixed		Regional/local coverage Limousin (19, 23, 87)	Start: 01-06-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-1014.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-1014.pdf</a>
	Syndicat mixte ouvert Haute-Garonne Numérique	3410 - 3440 MHz	Fixed		Regional/local coverage Haute-Garonne (31)	Start: 01-01-2019 Expiry: 25-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/18-0265.pdf">https://www.arcep.fr/uploads/tx_gsavis/18-0265.pdf</a>
	Syndicat mixte NiverLAN	3410 - 3440 MHz	Fixed		Regional/local coverage Nièvre (58)	Start: 01-01-2020 Expiry: 25-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/18-0472.pdf">https://www.arcep.fr/uploads/tx_gsavis/18-0472.pdf</a>
	Conseil général des Pyrénées-Atlantiques	3410 - 3440 MHz	Fixed		Regional/local coverage Pyrénées Atlantiques (64)	Start: 01-01-2020 Expiry: 25-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/18-0426.pdf">https://www.arcep.fr/uploads/tx_gsavis/18-0426.pdf</a>
	Conseil régional de Bourgogne	3410 - 3440 MHz	Fixed		Regional/local coverage Bourgogne (21,58,71,89)	Start: 01-01-2020 Expiry: 25-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/17-1567.pdf">https://www.arcep.fr/uploads/tx_gsavis/17-1567.pdf</a>
	Sem@for77	3410 - 3430 MHz	Fixed		Regional/local coverage Seine-et-Marne (77)	Start: 01-01-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-1087.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-1087.pdf</a>
	Conseil départemental du Jura	3420 - 3450 MHz	Fixed		Regional/local coverage Jura (39)	Start: 01-06-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-1018.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-1018.pdf</a>
	Syndicat mixte ouvert Charente Numérique	3420 - 3450 MHz	Fixed		Regional/local coverage la Charente (16)	Start: 01-06-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-1013.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-1013.pdf</a>
	Nomotech	3420 - 3450 MHz	Fixed		Regional/local coverage Morbihan (56)	Start: 01-06-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-0989.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-0989.pdf</a>
	Département du Finistère	3420 - 3450 MHz	Fixed		Regional/local coverage Finistère (29)	Start: 01-06-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-0778.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-0778.pdf</a>
	Bolloré Telecom	3420 - 3450 MHz	Fixed		Regional/local coverage Départements 03, 08, 10, 14, 15, 27, 37, 43, 49, 50, 51, 52,	Start: 01-07-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-0991.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-0991.pdf</a>

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
					54, 55, 57, 59, 61, 62, 63, 65, 67, 68, 72, 76, 88		
	Conseil général du Lot-et-Garonne	3420 - 3450 MHz	Fixed		Regional/local coverage Lot et Garonne (47)	Start: 01-01-2020 Expiry: 25-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/18-0591.pdf">https://www.arcep.fr/uploads/tx_gsavis/18-0591.pdf</a>
	SHD	3430 - 3460 MHz	Fixed		Regional/local coverage Ile-de-France (75,77,78,91,92,93,94,95) et Provence-Alpes-Côte d'Azur (04,05,06,13,83,84)	Start: 01-01-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-0990.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-0990.pdf</a>
	Bolloré Telecom	3440 - 3470 MHz	Fixed		Regional/local coverage Départements 17, 19, 23, 58, 87	Start: 01-07-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-0991.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-0991.pdf</a>
	Bolloré Telecom	3460 - 3490 MHz	Fixed		Regional/local coverage Départements 01, 02, 04, 05, 06, 07, 09, 11, 12, 13, 16, 18, 2A, 2B, 21, 22, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 35, 36, 38, 39, 40, 41, 42, 44, 45, 46, 47, 48, 53, 56, 60, 64, 66, 69, 70, 71, 73, 74, 75, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 89, 90, 91, 92, 93, 94, 95	Start: 01-07-2020 Expiry: 24-07-2026 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/19-0991.pdf">https://www.arcep.fr/uploads/tx_gsavis/19-0991.pdf</a>
	SFR	3490 - 3570 MHz	MFCN		National Coverage	Start: 18-11-2020 Expiry: 17-11-2035 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-1257.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-1257.pdf</a>
	Bouygues Telecom	3570 - 3640 MHz	MFCN		National Coverage	Start: 18-11-2020 Expiry: 17-11-2035 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-1254.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-1254.pdf</a>
	Free Mobile	3640 - 3710 MHz	MFCN		National Coverage	Start: 18-11-2020 Expiry: 17-11-2035 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-1255.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-1255.pdf</a>
	Orange	3710 - 3800 MHz	MFCN		National Coverage	Start: 18-11-2020 Expiry: 17-11-2035 Tradeable	<a href="https://www.arcep.fr/uploads/tx_gsavis/20-1256.pdf">https://www.arcep.fr/uploads/tx_gsavis/20-1256.pdf</a>

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 (2023)




**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	LTE, 5G	National Coverage	Start: 01-01-2017 Expiry: 31-12-2033	MFCN
	Telekom Deutschland GmbH	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS	LTE, 5G	National Coverage	Start: 01-01-2017 Expiry: 31-12-2033	MFCN
	Vodafone GmbH	778 - 788 MHz (DL) 723 - 733 MHz (UL)	TRA-ECS	LTE, 5G	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, 5G	National Coverage	Start: 03-03-2011 Expiry: 31-12-2025	MFCN
	Vodafone GmbH	801 - 811 MHz (DL) 842 - 852 MHz (UL)	TRA-ECS	LTE, 5G	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, 5G	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	LTE, 5G	National Coverage	Start: 01-01-2017 Expiry: 31-12-2033	MFCN
	Vodafone GmbH	1472 - 1492 MHz	TRA-ECS	LTE, 5G	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; 5G	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; 5G	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; 5G	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; 5G	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; 5G	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; 5G	National Coverage	Start: 08-10-2015 Expiry: 31-12-2033	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 - 2130 MHz (DL) 1920 - 1940 MHz (UL)	TRA-ECS	UMTS, LTE, 5G	National Coverage	Start: 01-01-2021 Expiry: 31-12-2040	MFCN
	Telefónica Germany GmbH & Co. OHG	2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL)	TRA-ECS	UMTS, LTE, 5G	National Coverage	Start: 01-01-2021 Expiry: 31-12-2040	MFCN
	Telekom Deutschland GmbH	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	TRA-ECS	UMTS, LTE, 5G	National Coverage	Start: 01-01-2021 Expiry: 31-12-2040	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
	Telefónica Germany GmbH & Co. OHG	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
	Telefónica Germany GmbH & Co. OHG	2570 - 2580 MHz	TRA-ECS	LTE	National Coverage	Start: 20-10-2010 Expiry: 31-12-2025	MFCN
	Vodafone GmbH	2580 - 2605 MHz	TRA-ECS	LTE	National Coverage	Start: 01-01-2010 Expiry: 31-12-2025	MFCN
	Telekom Deutschland GmbH	2605 - 2610 MHz	TRA-ECS	LTE	National Coverage	Start: 20-10-2010 Expiry: 31-12-2025	MFCN
	Telefónica Germany GmbH & Co. OHG	2610 - 2620 MHz	TRA-ECS	LTE	National Coverage	Start: 28-02-2011 Expiry: 31-12-2025	MFCN

3400-3800 MHz Mobile Band




3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Vodafone GmbH	3400 - 3490 MHz	TRA-ECS	5G	National Coverage	Start: 20-12-2019 Expiry: 31-12-2040	MFCN
	1&1 Mobilfunk GmbH	3490 - 3540 MHz	TRA-ECS	5G	National Coverage	Start: 15-01-2021 Expiry: 31-12-2040	MFCN
	Telefónica Germany GmbH & Co. OHG	3540 - 3610 MHz	TRA-ECS	5G	National Coverage	Start: 10-06-2020 Expiry: 31-12-2040	MFCN
	Telekom Deutschland GmbH	3610 - 3700 MHz	TRA-ECS	5G	National Coverage	Start: 03-09-2019 Expiry: 31-12-2040	MFCN

## 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



**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	

**3400-3800 MHz Mobile Band**




3400 MHz - 3800 MHz

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

Hungary (2022)




**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
	Telecom	763 - 773 MHz (DL) 708 - 718 MHz (UL)	MFCN		National Coverage	Tradeable	
	Vodafone	773 - 783 MHz (DL) 718 - 728 MHz (UL)	MFCN		National Coverage	Tradeable	
	Yettel	783 - 788 MHz (DL) 728 - 733 MHz (UL)	MFCN		National Coverage	Tradeable	




**800 MHz Mobile Band (the UHF band)**

790-862 MHz (paired frequency arrangement)




	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Vodafone	791 - 801 MHz (DL) 832 - 842 MHz (UL)	MFCN		National Coverage	Start: 15-06-2014 Expiry: 15-06-2029 Tradeable	
	Telecom	801 - 811 MHz (DL) 842 - 852 MHz (UL)	MFCN		National Coverage	Start: 15-06-2014 Expiry: 15-06-2029 Tradeable	
	Yettel	811 - 821 MHz (DL) 852 - 862 MHz (UL)	MFCN		National Coverage	Start: 15-06-2014 Expiry: 15-06-2029 Tradeable	

**900 MHz Mobile Band**

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






	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Yettel	925 - 935 MHz (DL) 880 - 893 MHz (UL)	MFCN		National Coverage	Start: 09-04-2022 Expiry: 09-04-2037 Tradeable	
	Yettel	938 - 940 MHz (DL) 893 - 895 MHz (UL)	MFCN		National Coverage	Start: 15-06-2022 Expiry: 15-06-2029 Tradeable	
	Vodafone	940 - 949 MHz (DL) 895 - 904 MHz (UL)	MFCN		National Coverage	Start: 09-04-2022 Expiry: 09-04-2037	



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Vodafone	949 - 950 MHz (DL) 904 - 905 MHz (UL)	MFCN		National Coverage	Start: 15-06-2022 Expiry: 15-06-2029 Tradeable	
	Telecom	950 - 952 MHz (DL) 905 - 907 MHz (UL)	MFCN		National Coverage	Start: 15-06-2022 Expiry: 15-06-2029 Tradeable	
	Telecom	952 - 960 MHz (DL) 907 - 915 MHz (UL)	MFCN		National Coverage	Start: 09-04-2022 Expiry: 09-04-2037 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	1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL)	MFCN		National Coverage	Start: 09-04-2022 Expiry: 09-04-2037 Tradeable	
	Telecom	1825 - 1835 MHz (DL) 1730 - 1740 MHz (UL)	MFCN		National Coverage	Start: 15-06-2022 Expiry: 15-06-2029 Tradeable	
	Telecom	1835 - 1855 MHz (DL) 1740 - 1760 MHz (UL)	MFCN		National Coverage	Start: 09-04-2022 Expiry: 09-04-2037 Tradeable	
	Digi	1855 - 1860 MHz (DL) 1760 - 1765 MHz (UL)	MFCN		National Coverage	Start: 15-06-2022 Expiry: 15-06-2029 Tradeable	
	Yettel	1860 - 1880 MHz (DL) 1765 - 1785 MHz (UL)	MFCN		National Coverage	Start: 09-04-2022 Expiry: 09-04-2037 Tradeable	

**2 GHz Mobile Band**




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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Telecom	2110 - 2120 MHz (DL) 1920 - 1930 MHz (UL)	MFCN		National Coverage	Expiry: 05-01-2035 Tradeable	
	Telecom	2120 - 2135 MHz (DL) 1930 - 1945 MHz (UL)	MFCN		National Coverage	Expiry: 27-06-2027 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Yettel	2135 - 2150 MHz (DL) 1945 - 1960 MHz (UL)	MFCN		National Coverage	Expiry: 27-06-2027 Tradeable	
	VODAFONE	2150 - 2165 MHz (DL) 1960 - 1975 MHz (UL)	MFCN		National Coverage	Expiry: 23-06-2027 Tradeable	
	VODAFONE	2165 - 2170 MHz (DL) 1975 - 1980 MHz (UL)	MFCN		National Coverage	Expiry: 04-01-2035 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
	Telecom	2620 - 2650 MHz (DL) 2500 - 2530 MHz (UL)	MFCN	FDD	National Coverage	Start: 15-06-2014 Expiry: 15-06-2029 Tradeable	
	VODAFONE	2650 - 2670 MHz (DL) 2530 - 2550 MHz (UL)	MFCN	FDD	National Coverage	Start: 15-06-2014 Expiry: 15-06-2029 Tradeable	
	Yettel	2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL)	MFCN	FDD	National Coverage	Start: 15-06-2014 Expiry: 15-06-2029 Tradeable	



**2.6 GHz Mobile Band**




2570-2620 MHz (unpaired frequency band)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	VODAFONE	2575 - 2600 MHz	MFCN	TDD	National Coverage	Start: 15-06-2014 Expiry: 15-06-2029 Tradeable	

**3400-3800 MHz Mobile Band**


3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	VODAFONE	3410 - 3470 MHz	MFCN	TDD	National Coverage	Expiry: 15-06-2034 Tradeable	
	VODAFONE	3470 - 3520 MHz	MFCN	TDD	National Coverage	Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Digi	3520 - 3540 MHz	MFCN	TDD	National Coverage	Expiry: 15-06-2034 Tradeable	
	Telecom	3540 - 3660 MHz	MFCN	TDD	National Coverage	Tradeable	
	Yettel	3660 - 3800 MHz	MFCN	TDD	National Coverage	Tradeable	

**26 GHz Mobile Band**

24.25 GHz - 27.50 GHz



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Telecom	24.633 - 24.661 GHz (DL) 25.641 - 25.669 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2009 Expiry: 15-05-2024 Tradeable	
	Telecom	24.661 - 24.689 GHz (DL) 25.669 - 25.697 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2009 Expiry: 15-05-2024 Tradeable	
	Yettel	24.717 - 24.745 GHz (DL) 25.725 - 25.753 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	Yettel	24.745 - 24.773 GHz (DL) 25.753 - 25.781 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2032 Tradeable	
	Yettel	24.773 - 24.801 GHz (DL) 25.781 - 25.809 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	Yettel	24.801 - 24.829 GHz (DL) 25.809 - 25.837 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2009 Expiry: 05-04-2027 Tradeable	
	Antenna Hungária	24.913 - 24.941 GHz (DL) 25.921 - 25.949 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	Antenna Hungária	24.941 - 24.969 GHz (DL) 25.949 - 25.977 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	Antenna Hungária	24.969 - 24.997 GHz (DL) 25.977 - 26.005 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	Antenna Hungária	24.997 - 25.025 GHz (DL) 26.005 - 26.033 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	VODAFONE	25.053 - 25.081 GHz (DL) 26.061 - 26.089 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	VODAFONE	25.081 - 25.109 GHz (DL) 26.089 - 26.117 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	VODAFONE	25.109 - 25.137 GHz (DL) 26.117 - 26.145 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	VODAFONE	25.137 - 26.165 GHz (DL) 26.145 - 26.173 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	VODAFONE	25.165 - 25.193 GHz (DL) 26.173 - 26.201 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	VODAFONE	25.193 - 25.221 GHz (DL) 26.201 - 26.229 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2012 Expiry: 05-04-2027 Tradeable	
	Telecom	25.249 - 25.277 GHz (DL) 26.257 - 26.285 GHz (UL)		FS PP, PMP	National Coverage	Start: 15-05-2009 Expiry: 15-05-2024 Tradeable	
	Telecom	25.277 - 25.305 GHz (DL) 26.285 - 26.313 GHz (UL)		FS PP, PMP	National Coverage	Start: 05-04-2012 Expiry: 05-04-2027 Tradeable	
	Telecom	25.305 - 25.333 GHz (DL) 26.313 - 26.341 GHz (UL)		FS PP, PMP	National Coverage	Start: 05-04-2012 Expiry: 05-04-2027 Tradeable	
	Telecom	25.333 - 25.361 GHz (DL) 26.341 - 26.369 GHz (UL)		FS PP, PMP	National Coverage	Start: 05-04-2012 Expiry: 05-04-2027 Tradeable	
	Digi	25.389 - 25.417 GHz (DL) 26.397 - 26.425 GHz (UL)		FS PP, PMP	National Coverage	Start: 05-04-2012 Expiry: 05-04-2027 Tradeable	
	Digi	25.417 - 25.445 GHz (DL) 26.425 - 26.453 GHz (UL)		FS PP, PMP	National Coverage	Start: 05-04-2012 Expiry: 05-04-2027 Tradeable	

## Iceland (2022)






## 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
	Öryggisfjarskipti ehf	758 - 768 MHz (DL) 703 - 713 MHz (UL)	IMT	LTE	National Coverage	Start: 27-05-2022 Expiry: 27-05-2042	
	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	
	Sýn hf	801 - 806 MHz (DL) 842 - 847 MHz (UL)	IMT	LTE	National Coverage	Start: 22-05-2017 Expiry: 02-04-2023	
	Sýn hf	806 - 811 MHz (DL) 847 - 852 MHz (UL)	IMT	LTE	National Coverage	Start: 07-07-2017 Expiry: 07-07-2032	
	Sýn hf	811 - 821 MHz (DL) 852 - 862 MHz (UL)	IMT	LTE	National Coverage	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: 31-03-2023	UMTS
	Sýn hf	930 - 935 MHz (DL) 885 - 890 MHz (UL)	GSM		National Coverage	Start: 14-02-2012 Expiry: 31-12-2025	UMTS or GSM
	Sýn hf	935.1 - 945.1 MHz (DL) 890.1 - 900.1 MHz (UL)	IMT		National Coverage	Start: 14-02-2012 Expiry: 31-03-2023	GSM or UMTS
	Síminn hf	945.1 - 949.9 MHz (DL) 900.1 - 904.9 MHz (UL)	GSM		National Coverage	Start: 14-02-2012 Expiry: 31-12-2025	GSM or UMTS

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Síminn hf	949 - 959 MHz (DL) 904 - 914 MHz (UL)	IMT		National Coverage	Start: 14-02-2012 Expiry: 31-03-2023	



**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: 31-03-2023	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	
	Sýn hf	1838.9 - 1853.9 MHz (DL) 1743.9 - 1758.9 MHz (UL)	IMT		National Coverage	Start: 14-02-2012 Expiry: 31-03-2023	GSM and UMTS
	Sýn 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: 31-03-2023	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: 31-03-2023	
	Síminn	1915 - 1920 MHz	IMT	TDD	National Coverage	Start: 30-03-2007 Expiry: 31-03-2023	

**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: 31-03-2023	
	Nova ehf	2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL)	IMT	FDD	National Coverage	Start: 22-01-2009 Expiry: 31-03-2023	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Sýn hf	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	IMT	FDD	National Coverage	Start: 15-05-2008 Expiry: 31-03-2023	




**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	
	Sýn 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	

**3400-3800 MHz Mobile Band**







3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Síminn hf	3500 - 3600 MHz	IMT	5G	National Coverage	Start: 30-04-2020 Expiry: 31-03-2023	
	Nova hf	3600 - 3700 MHz	IMT	5G	National Coverage	Start: 30-04-2020 Expiry: 31-03-2023	
	Sýn hf	3700 - 3800 MHz	IMT	5G	National Coverage	Start: 30-04-2020 Expiry: 31-03-2023	

Ireland (2022)





**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 Limited Mobile Communications	1865 - 1870 MHz (DL) 1770 - 1775 MHz (UL)	Digital cellular	Liberalised	National Coverage	Start: 13-07-2015 Expiry: 13-07-2030 Tradeable	
	Meteor Limited Mobile Communications	1870 - 1875 MHz (DL) 1775 - 1780 MHz (UL)	Digital cellular	Liberalised	National Coverage	Start: 13-07-2015 Expiry: 12-07-2030 Tradeable	
	Meteor Limited Mobile Communications	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**








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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Meteor Limited Mobile Communications	2125 - 2130 MHz (DL) 1935 - 1940 MHz (UL)	Digital cellular	UTRA FDD	National Coverage	Start: 12-03-2007 Expiry: 11-03-2027 Tradeable	
	Meteor Limited Mobile Communications	2130 - 2135 MHz (DL) 1940 - 1945 MHz (UL)	Digital cellular	UTRA FDD	National Coverage	Start: 12-03-2007 Expiry: 11-03-2027 Tradeable	
	Meteor Limited Mobile Communications	2135 - 2140 MHz (DL) 1945 - 1950 MHz (UL)	Digital cellular	UTRA FDD	National Coverage	Start: 12-03-2007 Expiry: 11-03-2027 Tradeable	

**3400-3800 MHz Mobile Band**




3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Dense Air Limited	3410 - 3435 MHz	MFCN	Liberalised	National Coverage	Start: 01-08-2017 Expiry: 31-07-2032	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Vodafone Ireland Limited	3475 - 3560 MHz	MFCN	Liberalised	National Coverage	Start: 01-08-2017 Expiry: 31-07-2032 Tradeable	
	Imagine Wireless Ltd	3560 - 3620 MHz	MFCN	Liberalised	Regional/local coverage true	Start: 01-08-2017 Expiry: 31-07-2032 Tradeable	
	Vodafone Ireland Limited	3560 - 3580 MHz	MFCN	Liberalised	Regional/local coverage true	Start: 01-08-2017 Expiry: 31-07-2032 Tradeable	
	Airspan	3580 - 3615 MHz	MFCN	Liberalised	Regional/local coverage true	Start: 01-08-2017 Expiry: 31-07-2032 Tradeable	
	Meteor Mobile Communications Limited	3615 - 3620 MHz	MFCN	Liberalised	Regional/local coverage true	Start: 01-08-2017 Expiry: 31-07-2032 Tradeable	
	Meteor Mobile Communications Limited	3620 - 3700 MHz	MFCN	Liberalised	National Coverage	Start: 01-08-2017 Expiry: 31-07-2032 Tradeable	
	Three Ireland Hutchison Limited	3700 - 3800 MHz	MFCN	Liberalised	National Coverage	Start: 01-08-2017 Expiry: 31-07-2032 Tradeable	

**26 GHz Mobile Band**




24.25 GHz - 27.50 GHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Three Ireland Hutchison Limited	24.829 - 24.969 GHz (DL) 25.837 - 25.977 GHz (UL)	Point-to-Point		National Coverage	Start: 02-08-2018 Expiry: 01-08-2028	
	Meteor Mobile Communications Limited	24.969 - 25.109 GHz (DL) 25.977 - 26.117 GHz (UL)	Point-to-Point		National Coverage	Start: 02-08-2018 Expiry: 01-08-2028	
	Vodafone Ireland Limited	25.109 - 25.249 GHz (DL) 26.117 - 26.257 GHz (UL)	Point-to-Point		National Coverage	Start: 02-08-2018 Expiry: 01-08-2028	

Italy (2022)




**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
	ILIAD S.p.A.	758 - 768 MHz (DL) 703 - 713 MHz (UL)	MFCN	LTE/5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	Telecom Italia S.p.A.	768 - 778 MHz (DL) 713 - 723 MHz (UL)	MFCN	LTE	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	Vodafone Italia S.p.A.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	MFCN	LTE	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	



**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 Italia S.p.A.	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
	Telecom Italia S.p.A.	930.2 - 940 MHz (DL) 885.2 - 895 MHz (UL)	IMT	GSM/UMTS	National Coverage	Start: 01-01-1995 Expiry: 31-12-2029 Tradeable	
	Vodafone Italia S.p.A.	940.4 - 950 MHz (DL) 895.4 - 905 MHz (UL)	IMT	GSM/UMTS	National Coverage	Start: 01-01-1995 Expiry: 31-12-2029	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Wind Tre S.p.A.	950.2 - 959.8 MHz (DL) 905.2 - 914.8 MHz (UL)	IMT	GSM/UMTS	National Coverage	Start: 30-06-1998 Expiry: 31-12-2029 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 Italia S.p.A.	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
	Telecom Italia S.p.A.	1810 - 1830 MHz (DL) 1715 - 1735 MHz (UL)	IMT	GSM/LTE	National Coverage	Start: 01-01-2012 Expiry: 31-12-2029 Tradeable	
	Iliad S.p.A.	1830 - 1840 MHz (DL) 1735 - 1745 MHz (UL)	IMT	LTE	National Coverage	Start: 01-01-2012 Expiry: 31-12-2029 Tradeable	
	Wind Tre S.p.A.	1840 - 1860 MHz (DL) 1745 - 1765 MHz (UL)	IMT	GSM/LTE	National Coverage	Start: 01-01-2012 Expiry: 31-12-2029 Tradeable	
	Vodafone Italia S.p.A.	1860 - 1880 MHz (DL) 1765 - 1785 MHz (UL)	IMT	GSM/LTE	National Coverage	Start: 01-01-2012 Expiry: 31-12-2029 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 S.p.A.	2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL)	IMT	UMTS/LTE	National Coverage	Start: 01-01-2001 Expiry: 31-12-2029 Tradeable	
	Telecom Italia S.p.A.	2130 - 2145 MHz (DL) 1940 - 1955 MHz (UL)	IMT	UMTS/LTE	National Coverage	Start: 01-01-2001 Expiry: 31-12-2029 Tradeable	
	Iliad S.p.A.	2145 - 2155 MHz (DL) 1955 - 1965 MHz (UL)	IMT	UMTS/LTE	National Coverage	Start: 01-01-2001 Expiry: 31-12-2029 Tradeable	
	Vodafone Italia S.p.A.	2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL)	IMT	UMTS/LTE	National Coverage	Start: 01-01-2001 Expiry: 31-12-2029 Tradeable	
	Vodafone Italia S.p.A.	2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL)	IMT	UMTS/LTE	National Coverage	Start: 01-01-2001 Expiry: 31-12-2029 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
	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 Italia S.p.A.	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	

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






**3400-3800 MHz Mobile Band**

3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Linkem S.p.A.	3437 - 3479 MHz	BWA	LTE	Regional/local coverage Region Sicilia Region Lombardia, Bolzano and Trento Region Valle d'Aosta; Piemonte. Liguria e Toscana Region Friuli Venezia Giulia, Veneto, Emilia Romagna	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	Fastweb S.p.A.	3437 - 3458 MHz	BWA	LTE	Regional/local coverage Region Campania, Puglia, Basilicata e Calabria - Region Sardegna - Region Umbria, Lazio, Abruzzo and Molise	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	Telecom Italia S.p.A.	3458 - 3479 MHz	BWA	WiMAX	Regional/local coverage Region Umbria, Lazio, Abruzzo and Molise Region Campania, Puglia, Basilicata and Calabria Region Sardegna	Start: 21-05-2008 Expiry: 21-05-2023 Tradeable	
	EOLO S.p.A.	3479 - 3500 MHz	BWA	WiMAX	Regional/local coverage Region Valle d'Aosta	Start: 21-05-2008 Expiry: 21-05-2023 Tradeable	
	Brennercom S.p.A.	3479 - 3500 MHz	BWA	WiMAX	Regional/local coverage Region Bolzano	Start: 21-05-2008 Expiry: 21-05-2023 Tradeable	
	Fastweb S.p.A.	3479 - 3500 MHz	BWA	LTE	Regional/local coverage Region Sicily	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	Linkem S.p.A.	3479 - 3500 MHz	BWA	LTE	Regional/local coverage Regions Abruzzo, Basilicata, Campania, Calabria, Friuli Venezia Giulia, Lazio, Liguria, Lombardia, Molise, Piemonte,	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	






	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
					Puglia, Sardegna, Toscana, Trento, Umbria and Veneto		
	GO Internet S.p.A.	3479 - 3500 MHz	BWA	LTE	Regional/local coverage Regions Marche and Emilia Romagna	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	Linkem S.p.A.	3537 - 3579 MHz	BWA	WiMAX	Regional/local coverage Region Sicilia	Start: 21-05-2008 Expiry: 21-05-2029 Tradeable	
	Fastweb S.p.A.	3537 - 3579 MHz	BWA	LTE	Regional/local coverage Region Lombardia, Bolzano and Trento - Region Valle d'Aosta ; Piemonte. Liguria and Toscana - Region Friuli Venezia Giulia, Veneto, Emilia Romagna e Marche	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	Fastweb S.p.A.	3537 - 3558 MHz	BWA	LTE	Regional/local coverage Region Sardegna - Region Umbria, Lazio, Abruzzo and Molise - Region Campania, Puglia, Basilicata and Calabria	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	Telecom Italia S.p.A.	3558 - 3579 MHz	BWA	WiMAX	Regional/local coverage Region Umbria, Lazio, Abruzzo and Molise Region Campania, Puglia, Basilicata and Calabria Region Sardegna	Start: 21-05-2008 Expiry: 21-05-2023 Tradeable	
	Linkem S.p.A.	3558 - 3579 MHz	BWA	LTE	Regional/local coverage Region Sicilia	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	EOLO S.p.A.	3579 - 3600 MHz	BWA	WiMAX	Regional/local coverage Region Valle d'Aosta	Start: 21-05-2008 Expiry: 21-05-2023 Tradeable	
	Brennercom S.p.A.	3579 - 3600 MHz	BWA	WiMAX	Regional/local coverage Region Bolzano	Start: 21-05-2008 Expiry: 21-05-2023 Tradeable	
	Fastweb S.p.A.	3579 - 3600 MHz	BWA	LTE	Regional/local coverage Region Sicilia	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	Linkem S.p.A.	3579 - 3600 MHz	BWA	LTE	Regional/local coverage Regions Abruzzo, Basilicata, Campania, Calabria, Friuli Venezia Giulia, Lazio, Liguria, Lombardia, Molise, Piemonte,	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
					Puglia, Sardegna, Toscana, Trento, Umbria and Veneto.		
	GO Internet S.p.A.	3579 - 3600 MHz	BWA	LTE	Regional/local coverage Regions Marche and Emilia Romagna	Start: 21-05-2008 Expiry: 31-12-2029 Tradeable	
	Wind Tre S.p.A.	3600 - 3620 MHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	ILIAD S.p.A.	3620 - 3640 MHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	Vodafone Italia S.p.A.	3640 - 3720 MHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	Telecom Italia S.p.A.	3720 - 3800 MHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	

**26 GHz Mobile Band**






24.25 GHz - 27.50 GHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Wind Tre S.p.A.	26.5 - 26.7 GHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	ILIAD S.p.A.	26.7 - 26.9 GHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	Telecom Italia S.p.A.	26.9 - 27.1 GHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	Fastweb S.p.A.	27.1 - 27.3 GHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	
	Vodafone Italia S.p.A.	27.3 - 27.5 GHz	MFCN	5G	National Coverage	Start: 01-01-2019 Expiry: 31-12-2037 Tradeable	

Latvia (2022)




**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
	Tele2	758 - 768 MHz (DL) 703 - 713 MHz (UL)	TRA-ECS		National Coverage	Start: 01-02-2022 Expiry: 31-01-2042 Tradeable	
	Latvijas Mobilais Telefons	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS		National Coverage	Start: 01-02-2022 Expiry: 31-01-2042 Tradeable	
	Bite Latvija	778 - 788 MHz (DL) 723 - 733 MHz (UL)	TRA-ECS		National Coverage	Start: 01-02-2022 Expiry: 31-01-2042 Tradeable	
	Tele2	738 - 748 MHz	TRA-ECS		National Coverage	Start: 01-02-2025 Expiry: 31-01-2042 Tradeable	
	Latvijas Mobilais Telefons	748 - 758 MHz	TRA-ECS		National Coverage	Start: 01-02-2025 Expiry: 31-01-2042 Tradeable	






**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		National Coverage	Start: 01-07-2015 Expiry: 30-06-2033 Tradeable	
	Latvijas Mobilais Telefons	801 - 811 MHz (DL) 842 - 852 MHz (UL)	TRA-ECS		National Coverage	Start: 01-07-2015 Expiry: 30-06-2033 Tradeable	
	Tele2	811 - 821 MHz (DL) 852 - 862 MHz (UL)	TRA-ECS		National Coverage	Start: 01-07-2015 Expiry: 30-06-2033 Tradeable	


**900 MHz Mobile Band**

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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Bite Latvija	925.2 - 934.8 MHz (DL) 880.2 - 889.8 MHz (UL)	TRA-ECS		National Coverage	Start: 29-06-2005 Expiry: 28-06-2030	
	Latvijas Mobilais Telefons	935 - 948.2 MHz (DL) 890 - 903.2 MHz (UL)	TRA-ECS		National Coverage	Start: 09-01-2001 Expiry: 09-01-2026	
	Tele2	948.3 - 949.1 MHz (DL) 903.3 - 904.1 MHz (UL)	TRA-ECS		National Coverage	Start: 10-09-2008 Expiry: 10-09-2028 Tradeable	
	Tele2	949.2 - 959 MHz (DL) 904.2 - 914 MHz (UL)	TRA-ECS		National Coverage	Start: 29-08-2000 Expiry: 28-02-2026 Tradeable	
	Tele2	959 - 960 MHz (DL) 914 - 915 MHz (UL)	TRA-ECS		National Coverage	Start: 07-10-2010 Expiry: 28-02-2026 Tradeable	


**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
	Bite Latvija	1432 - 1452 MHz	TRA-ECS		National Coverage	Start: 08-02-2022 Expiry: 07-02-2042 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
	Latvijas Mobilais Telefons	1452 - 1472 MHz	TRA-ECS		National Coverage	Start: 08-02-2022 Expiry: 07-02-2042 Tradeable	




**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
	Tele2	1492 - 1512 MHz	TRA-ECS		National Coverage	Start: 08-02-2022 Expiry: 07-02-2042 Tradeable	



**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		National Coverage	Start: 29-05-2002 Expiry: 09-01-2026	
	Tele2	1830.2 - 1854.8 MHz (DL) 1735.2 - 1759.8 MHz (UL)	TRA-ECS		National Coverage	Start: 01-03-2006 Expiry: 28-02-2026 Tradeable	
	Bite Latvija	1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL)	TRA-ECS		National Coverage	Start: 29-06-2005 Expiry: 28-06-2030 Tradeable	






**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		National Coverage	Start: 29-06-2005 Expiry: 28-06-2030	
	Latvijas Mobilais Telefons	1915 - 1920 MHz	TRA-ECS		National Coverage	Start: 01-01-2003 Expiry: 28-06-2030	

**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	1920 - 1940 MHz	TRA-ECS		National Coverage	Start: 01-01-2003 Expiry: 28-06-2030 Tradeable	
	Bite Latvia	1940 - 1960 MHz	TRA-ECS		National Coverage	Start: 29-06-2005 Expiry: 28-06-2030	
	Tele2	1960 - 1980 MHz	TRA-ECS		National Coverage	Start: 01-01-2003 Expiry: 31-12-2027 Tradeable	
	Latvijas Mobilais Telefons	2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL)	TRA-ECS		National Coverage	Start: 01-01-2003 Expiry: 31-12-2027	
	Bite Latvija	2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL)	TRA-ECS		National Coverage	Start: 29-06-2005 Expiry: 28-06-2030	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Tele2	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	TRA-ECS		National Coverage	Start: 01-01-2018 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	IMT		National Coverage	Start: 06-12-2012 Expiry: 05-12-2027 Tradeable	
	Bite Latvija	2330 - 2360 MHz	IMT		National Coverage	Start: 06-12-2012 Expiry: 05-12-2027 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
	Latvijas Mobilais Telefons	2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL)	TRA-ECS		National Coverage	Start: 01-01-2014 Expiry: 31-12-2028 Tradeable	
	Tele2	2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL)	TRA-ECS		National Coverage	Start: 01-01-2014 Expiry: 31-12-2028 Tradeable	
	Bite Latvija	2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL)	TRA-ECS		National Coverage	Start: 01-01-2014 Expiry: 31-12-2028 Tradeable	









**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		National Coverage	Start: 01-01-2014 Expiry: 31-12-2028 Tradeable	

**3400-3800 MHz Mobile Band**





3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Latvijas Mobilais Telefons	3400 - 3450 MHz	TRA-ECS		National Coverage	Start: 01-01-2019 Expiry: 31-12-2028 Tradeable	
	UNISTARS	3450 - 3500 MHz	TRA-ECS		National Coverage	Start: 30-05-2002 Expiry: 31-12-2028 Tradeable	
	Tele2	3500 - 3550 MHz	TRA-ECS		National Coverage	Start: 02-08-2012 Expiry: 31-12-2028	
	Tele2	3550 - 3600 MHz	TRA-ECS		National Coverage	Start: 01-01-2019 Expiry: 31-12-2028 Tradeable	
	Telia Latvija	3600 - 3650 MHz	TRA-ECS		Regional/local coverage Except Riga	Start: 07-05-2010 Expiry: 06-05-2025 Tradeable	National coverage except Riga. Allowed to use the first 28 MHz.
	UNISTARS	3600 - 3650 MHz	TRA-ECS		Regional/local coverage Riga	Start: 30-05-2002 Expiry: 31-12-2028	Riga
	Latvijas Mobilais Telefons	3650 - 3700 MHz	TRA-ECS		National Coverage	Start: 01-01-2019 Expiry: 31-12-2028 Tradeable	
	UNISTARS	3700 - 3750 MHz	TRA-ECS		National Coverage	Start: 30-05-2002 Expiry: 31-12-2028 Tradeable	

## Liechtenstein (2022)







## 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 (2022)




**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
	Telia Lietuva, AB	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 26-09-2022 Expiry: 26-09-2042 Tradeable	
	UAB Bite Lietuva	778 - 783 MHz (DL) 723 - 728 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 11-10-2022 Expiry: 11-10-2042 Tradeable	
	UAB Tele2	783 - 788 MHz (DL) 728 - 733 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 26-09-2022 Expiry: 26-09-2042 Tradeable	



**800 MHz Mobile Band (the UHF band)**


790-862 MHz (paired frequency arrangement)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	UAB Bite Lietuva	791 - 801 MHz (DL) 832 - 842 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 26-11-2013 Expiry: 01-07-2030 Tradeable	
	Telia Lietuva, AB	801 - 811 MHz (DL) 842 - 852 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 26-11-2013 Expiry: 01-07-2030 Tradeable	
	UAB Tele2	811 - 821 MHz (DL) 852 - 862 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 26-11-2013 Expiry: 01-07-2030 Tradeable	

**900 MHz Mobile Band**




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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	UAB Bite Lietuva	925.1 - 936.7 MHz (DL) 880.1 - 891.7 MHz (UL)	TRA-ECS	GSM LTE UMTS	National Coverage	Start: 01-11-2017 Expiry: 31-10-2032 Tradeable	
	Telia Lietuva, AB	936.7 - 948.3 MHz (DL) 891.7 - 903.3 MHz (UL)	TRA-ECS	GSM, LTE, UMTS	National Coverage	Start: 01-11-2017 Expiry: 31-10-2032	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	UAB Tele2	948.3 - 959.9 MHz (DL) 903.3 - 914.9 MHz (UL)	TRA-ECS	GSM, LTE, UMTS	National Coverage	Start: 01-11-2017 Expiry: 31-10-2032 Tradeable	




**1800 MHz Mobile Band**

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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Telia Lietuva, AB	1805 - 1830 MHz (DL) 1710 - 1735 MHz (UL)	TRA-ECS	GSM, LTE	National Coverage	Start: 01-11-2017 Expiry: 31-10-2032 Tradeable	
	UAB Tele2	1830 - 1855 MHz (DL) 1735 - 1760 MHz (UL)	TRA-ECS	GSM, LTE	National Coverage	Start: 01-11-2017 Expiry: 31-10-2032 Tradeable	
	UAB Bite Lietuva	1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL)	TRA-ECS	GSM LTE	National Coverage	Start: 01-11-2017 Expiry: 31-10-2032 Tradeable	


**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: 28-02-2006 Expiry: 28-02-2026 Tradeable	
	Telia Lietuva, AB	2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL)	TRA-ECS	LTE, 5G	National Coverage	Start: 23-02-2006 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: 06-03-2006 Expiry: 06-03-2026 Tradeable	





**2300 MHz - 2400 MHz Mobile Band**

2300 MHz - 2400 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	UAB Mezon	2310 - 2390 MHz	TRA-ECS	LTE	National Coverage	Start: 24-07-2014 Expiry: 25-07-2029 Tradeable	2310-2320 MHz, 2380-2390 MHz LSA


**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	
	Telia Lietuva, AB	2640 - 2660 MHz (DL) 2520 - 2540 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 28-08-2012 Expiry: 29-08-2027 Tradeable	
	UAB Bite Lietuva	2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 28-08-2012 Expiry: 29-08-2027 Tradeable	
	UAB Mezon	2680 - 2690 MHz (DL) 2560 - 2570 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 15-01-2015 Expiry: 15-01-2030 Tradeable	



**2.6 GHz Mobile Band**


2570-2620 MHz (unpaired frequency band)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	UAB Mezon	2570 - 2620 MHz	TRA-ECS	LTE	National Coverage	Start: 15-01-2015 Expiry: 15-01-2030 Tradeable	

**3400-3800 MHz Mobile Band**

3400 MHz - 3800 MHz




	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	UAB Tele2	3400 - 3500 MHz (DL) 3400 - 3500 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 26-09-2022 Expiry: 26-09-2042 Tradeable	TDD
	Telia Lietuva, AB	3500 - 3600 MHz (DL) 3500 - 3600 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 26-09-2022 Expiry: 26-09-2042	TDD

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	UAB Bite Lietuva	3600 - 3700 MHz (DL) 3600 - 3700 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 26-09-2022 Expiry: 26-09-2042 Tradeable	TDD

Luxembourg (2022)




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
	ORANGE COMMUNICATIONS LUXEMBOURG S.A.	758 - 768 MHz (DL) 703 - 713 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 03-08-2020 Expiry: 03-08-2035 Tradeable	
	ENTREPRISE DES P&T	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 03-08-2020 Expiry: 03-08-2035 Tradeable	
	Proximus Luxembourg S.A.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 03-08-2020 Expiry: 03-08-2035 Tradeable	



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	
	Proximus Luxembourg 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	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Proximus Luxembourg 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	
	Proximus Luxembourg 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	
	Proximus Luxembourg 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 GHz Mobile Band**




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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Luxembourg Online S.A.	2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL)	TRA-ECS	UMTS /LTE	National Coverage	Start: 16-05-2022 Expiry: 08-05-2033 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	
	Proximus Luxembourg S.A.	2660 - 2680 MHz (DL) 2540 - 2560 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 24-12-2012 Expiry: 24-12-2027 Tradeable	

**3400-3800 MHz Mobile Band**




3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	ENTREPRISE DES P&T	3420 - 3530 MHz (DL) 3420 - 3530 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 03-08-2020 Expiry: 03-08-2035 Tradeable	
	Luxembourg Online S.A.	3530 - 3540 MHz (DL) 3530 - 3540 MHz (UL)	TRA-ECS	5G	National Coverage	Start: 03-08-2020 Expiry: 03-08-2035 Tradeable	
	Proximus Luxembourg S.A.	3650 - 3750 MHz (DL) 3650 - 3750 MHz (UL)	TRA-ECS		National Coverage	Start: 03-08-2020 Expiry: 03-08-2035 Tradeable	

Malta (2021)

**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 - 801 MHz (DL) 832 - 842 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 09-04-2018 Expiry: 08-04-2033 Tradeable	
	Epic Communications Limited	801 - 811 MHz (DL) 842 - 852 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 09-04-2018 Expiry: 08-04-2033 Tradeable	
	Melita Limited	811 - 821 MHz (DL) 852 - 862 MHz (UL)	TRA-ECS	Land Mobile, IMT	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	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	GO plc.	930 - 935 MHz (DL) 885 - 890 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	GO plc.	935 - 940 MHz (DL) 890 - 895 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	GO plc.	940 - 945 MHz (DL) 895 - 900 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2028 Tradeable	
	Epic Communications Limited	945 - 950 MHz (DL) 900 - 905 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	Epic Communications Limited	950 - 955 MHz (DL) 905 - 910 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	Epic Communications Limited	955 - 960 MHz (DL) 910 - 915 MHz (UL)	TRA-ECS	Land Mobile, IMT	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	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	GO plc.	1810 - 1815 MHz (DL) 1715 - 1720 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	GO plc.	1815 - 1820 MHz (DL) 1720 - 1725 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	GO plc.	1820 - 1825 MHz (DL) 1725 - 1730 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	Epic Communications Limited	1830 - 1835 MHz (DL) 1735 - 1740 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	Epic Communications Limited	1835 - 1840 MHz (DL) 1740 - 1745 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	Epic Communications Limited	1840 - 1845 MHz (DL) 1745 - 1750 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	Epic Communications Limited	1845 - 1850 MHz (DL) 1750 - 1755 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 Tradeable	
	Epic Communications Limited	1850 - 1855 MHz (DL) 1755 - 1760 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 27-08-2011 Expiry: 26-08-2026 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
	GO plc.	2620 - 2660 MHz (DL) 2500 - 2540 MHz (UL)	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 09-04-2018 Expiry: 08-04-2033 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Epic Communications Limited	2660 - 2690 MHz (DL) 2540 - 2570 MHz (UL)	TRA-ECS		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
	Epic Communications Limited	2570 - 2595 MHz	TRA-ECS	Land Mobile, IMT	National Coverage	Start: 09-04-2018 Expiry: 08-04-2033 Tradeable	

**3400-3800 MHz Mobile Band**




3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Epic Communications Limited	3500 - 3600 MHz	TRA-ECS		National Coverage	Start: 26-08-2021 Expiry: 25-08-2036 Tradeable	
	Melita Limited	3600 - 3700 MHz	TRA-ECS		National Coverage	Start: 17-05-2021 Expiry: 16-05-2036 Tradeable	
	GO plc.	3700 - 3800 MHz	TRA-ECS		National Coverage	Start: 25-10-2021 Expiry: 24-10-2036 Tradeable	

Moldova (2022)





**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	UMTS	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		National Coverage	Start: 01-08-2008 Expiry: 31-08-2023 Tradeable	Partially tradable
	Moldtelecom	1904.9 - 1909.9 MHz	IMT		National Coverage	Start: 01-12-2008 Expiry: 31-08-2023 Tradeable	Partially tradable
	Moldcell	1914.9 - 1919.9 MHz	IMT		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, LTE	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 (2023)



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
	One Crna Gora	758 - 768 MHz (DL) 703 - 713 MHz (UL)	MFCN		National Coverage	Start: 09-02-2023 Expiry: 09-02-2038 Tradeable	
	MTEL	768 - 778 MHz (DL) 713 - 723 MHz (UL)	MFCN		National Coverage	Start: 09-02-2023 Expiry: 09-02-2038 Tradeable	
	Crnogorski Telekom (T-Mobile)	778 - 788 MHz (DL) 723 - 733 MHz (UL)	MFCN		National Coverage	Start: 09-02-2023 Expiry: 09-02-2038 Tradeable	



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)	MFCN	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)	MFCN	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)	MFCN	GSM/UMTS	National Coverage	Start: 21-04-2022 Expiry: 01-09-2031 Tradeable	GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+
	Ona Crna Gora	935 - 950 MHz (DL) 890 - 905 MHz (UL)	MFCN	GSM/UMTS/LTE	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+



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Crnogorski Telekom (T-Mobile)	950 - 960 MHz (DL) 905 - 915 MHz (UL)	MFCN	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
	One Crna Gora	1805 - 1830 MHz (DL) 1710 - 1735 MHz (UL)	MFCN	DCS1800/LTE/ NR(DSS)	National Coverage	Start: 01-01-2017 Expiry: 01-09-2031 Tradeable	GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, LTE, LTE-Advanced, NR(DSS)
	Crnogorski Telekom (T-Mobile)	1830 - 1855 MHz (DL) 1735 - 1760 MHz (UL)	MFCN	DCS1800/LTE	National Coverage	Start: 21-04-2022 Expiry: 01-09-2031 Tradeable	GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, LTE, LTE-Advanced
	MTEL	1855 - 1880 MHz (DL) 1760 - 1785 MHz (UL)	MFCN	DCS1800/LTE	National Coverage	Start: 21-04-2022 Expiry: 01-09-2031 Tradeable	GSM, GSM/GPRS, GSM/EDGE, GSM/EDGE+, LTE, LTE-Advanced


**2 GHz Mobile Band**



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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	MTEL	2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL)	MFCN	UMTS	National Coverage	Start: 21-04-2022 Expiry: 01-09-2031 Tradeable	UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+
	Crnogorski Telekom (T-Mobile)	2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL)	MFCN	UMTS/LTE/ NR(DSS)	National Coverage	Start: 21-04-2022 Expiry: 01-09-2031 Tradeable	UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+, LTE, LTE-Advanced, NR(DSS)
	One Crna Gora	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	MFCN	UMTS/LTE/ NR(DSS)	National Coverage	Start: 21-04-2022 Expiry: 01-09-2031 Tradeable	UMTS, UMTS/W-CDMA, UMTS/HSPA, UMTS/HSPA+, LTE, LTE-Advanced, NR(DSS)

**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 - 2640 MHz (DL) 2500 - 2520 MHz (UL)	MFCN	LTE	National Coverage	Start: 03-02-2022 Expiry: 01-09-2031	LTE, LTE-Advanced

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	MTEL	2640 - 2675 MHz (DL) 2520 - 2555 MHz (UL)	MFCN	LTE	National Coverage	Start: 03-02-2022 Expiry: 01-09-2031 Tradeable	LTE, LTE-Advanced
	One Crna Gora	2675 - 2690 MHz (DL) 2555 - 2570 MHz (UL)	MFCN	LTE/NR(DSS)	National Coverage	Start: 03-02-2022 Expiry: 01-09-2031 Tradeable	




**2.6 GHz Mobile Band**

2570-2620 MHz (unpaired frequency band)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	One Crna Gora	2575 - 2595 MHz	MFCN	LTE	National Coverage	Start: 03-02-2022 Expiry: 01-09-2031 Tradeable	
	Crnogorski Telekom (T-Mobile)	2610 - 2615 MHz	MFCN		National Coverage	Start: 01-09-2016 Expiry: 01-09-2031 Tradeable	LTE, LTE-Advanced

**3400-3800 MHz Mobile Band**







3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	One Crna Gora	3400 - 3540 MHz	MFCN		National Coverage	Start: 09-02-2023 Expiry: 09-02-2038 Tradeable	
	MTEL	3540 - 3660 MHz	MFCN		National Coverage	Start: 09-02-2023 Expiry: 09-02-2038 Tradeable	
	Crnogorski Telekom (T-Mobile)	3660 - 3800 MHz	MFCN		National Coverage	Start: 09-02-2023 Expiry: 09-02-2038 Tradeable	

Netherlands (2021)


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
	Tampnet Netherlands B.V.	758 - 768 MHz (DL) 703 - 713 MHz (UL)	IMT	5G	Regional/local coverage Offshore installations, Dutch EEZ Northsea	Start: 17-05-2021 Expiry: 31-12-2040 Tradeable	
	Vodafone Libertel B.V.	758 - 763 MHz (DL) 703 - 708 MHz (UL)	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	Vodafone Libertel B.V.	763 - 768 MHz (DL) 708 - 713 MHz (UL)	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	Tampnet Netherlands B.V.	768 - 778 MHz (DL) 713 - 723 MHz (UL)	IMT	5G	Regional/local coverage Offshore installations, Dutch EEZ Northsea	Start: 17-05-2021 Tradeable	
	KPN B.V.	768 - 773 MHz (DL) 713 - 718 MHz (UL)	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	KPN B.V.	773 - 778 MHz (DL) 718 - 723 MHz (UL)	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	T-Mobile Netherlands B.V.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	IMT	5G	Regional/local coverage Offshore installations, Dutch EEZ Northsea	Start: 17-05-2021 Expiry: 31-12-2040 Tradeable	
	T-Mobile Netherlands B.V.	778 - 783 MHz (DL) 723 - 728 MHz (UL)	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	T-Mobile Netherlands B.V.	783 - 788 MHz (DL) 728 - 733 MHz (UL)	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	

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 Netherlands B.V.	791 - 796 MHz (DL) 832 - 837 MHz (UL)	IMT		National Coverage	Start: 01-01-2013 Expiry: 31-12-2029 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	T-Mobile Netherlands B.V.	796 - 801 MHz (DL) 837 - 842 MHz (UL)	IMT		National Coverage	Start: 01-01-2013 Expiry: 31-12-2029 Tradeable	
	Vodafone Libertel B.V.	801 - 806 MHz (DL) 842 - 847 MHz (UL)	IMT		National Coverage	Start: 01-01-2013 Expiry: 31-12-2029 Tradeable	
	Vodafone Libertel B.V.	806 - 811 MHz (DL) 847 - 852 MHz (UL)	IMT		National Coverage	Start: 01-01-2013 Expiry: 31-12-2029 Tradeable	
	KPN B.V.	811 - 816 MHz (DL) 852 - 857 MHz (UL)	IMT		National Coverage	Start: 01-01-2013 Expiry: 31-12-2029 Tradeable	
	KPN B.V.	816 - 821 MHz (DL) 857 - 862 MHz (UL)	IMT		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
	Vodafone Libertel B.V.	925 - 930 MHz (DL) 880 - 885 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	
	Vodafone Libertel B.V.	930 - 935 MHz (DL) 885 - 890 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	
	KPN B.V.	935 - 940 MHz (DL) 890 - 895 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	
	KPN B.V.	940 - 945 MHz (DL) 895 - 900 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	
	T-Mobile Netherlands B.V.	945 - 950 MHz (DL) 900 - 905 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	
	T-Mobile Netherlands B.V.	950 - 955 MHz (DL) 905 - 910 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	
	T-Mobile Netherlands B.V.	955 - 960 MHz (DL) 910 - 915 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 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
	Vodafone Libertel B.V.	1452 - 1457 MHz	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	Vodafone Libertel B.V.	1457 - 1462 MHz	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	Vodafone Libertel B.V.	1462 - 1467 MHz	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	KPN B.V.	1467 - 1472 MHz	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	KPN B.V.	1472 - 1477 MHz	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	KPN B.V.	1477 - 1482 MHz	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	T-Mobile Netherlands B.V.	1482 - 1487 MHz	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	
	T-Mobile Netherlands B.V.	1487 - 1492 MHz	IMT	5G	National Coverage	Start: 28-07-2020 Expiry: 31-12-2040 Tradeable	

**1800 MHz Mobile Band**




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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	KPN B.V.	1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	
	Vodafone Libertel B.V.	1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	T-Mobile Netherlands B.V.	1845 - 1850 MHz (DL) 1750 - 1755 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	
	T-Mobile Netherlands B.V.	1850 - 1865 MHz (DL) 1755 - 1770 MHz (UL)	IMT		National Coverage	Start: 01-01-2013 Expiry: 31-12-2029 Tradeable	
	T-Mobile Netherlands B.V.	1865 - 1875 MHz (DL) 1770 - 1780 MHz (UL)	IMT		National Coverage	Start: 26-02-2013 Expiry: 25-02-2030 Tradeable	





**2 GHz Mobile Band**



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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	T-Mobile Netherlands B.V.	2130 - 2150 MHz (DL) 1940 - 1960 Hz (UL)	IMT		National Coverage	Start: 28-01-2021 Expiry: 31-12-2040 Tradeable	
	Vodafone Libertel B.V.	2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL)			National Coverage	Start: 28-01-2021 Expiry: 31-12-2040 Tradeable	
	KPN B.V.	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	IMT		National Coverage	Start: 28-01-2021 Expiry: 31-12-2040 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 Libertel B.V.	2620 - 2630 MHz (DL) 2500 - 2510 MHz (UL)	MFCN		National Coverage	Start: 11-05-2010 Expiry: 11-05-2030 Tradeable	
	ZUM B.V.	2630 - 2650 MHz (DL) 2510 - 2530 MHz (UL)	MFCN		National Coverage	Start: 11-05-2010 Expiry: 11-05-2030 Tradeable	
	T-Mobile Netherlands B.V.	2650 - 2655 MHz (DL) 2530 - 2535 MHz (UL)	MFCN		National Coverage	Start: 11-05-2010 Expiry: 11-05-2030 Tradeable	
	KPN B.V.	2655 - 2665 MHz (DL) 2535 - 2545 MHz (UL)	MFCN		National Coverage	Start: 11-05-2010 Expiry: 11-05-2030	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	T-Mobile Netherlands B.V.	2665 - 2685 MHz (DL) 2545 - 2565 MHz (UL)	MFCN		National Coverage	Start: 11-05-2010 Expiry: 11-05-2030 Tradeable	
	T-Mobile Netherlands B.V.	2685 - 2690 MHz	MFCN		National Coverage	Start: 11-05-2010 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
	T-Mobile Netherlands B.V.	2565 - 2590 MHz	MFCN		National Coverage	Start: 01-01-2013 Expiry: 31-12-2029 Tradeable	
	KPN B.V.	2590 - 2620 MHz	MFCN		National Coverage	Start: 01-01-2013 Expiry: 31-12-2029 Tradeable	

## North Macedonia (2022)



## 800 MHz Mobile Band (the UHF band)

790-862 MHz (paired frequency arrangement)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	A1 Makedonija DOOEL 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	
	A1 Makedonija DOOEL 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	
	A1 Makedonija DOOEL 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
	A1 Makedonija DOOEL Skopje	1815 - 1825 MHz (DL) 1720 - 1730 Hz (UL)	IMT	GSM/UMT	National Coverage	Start: 14-08-2012 Expiry: 13-08-2032 Tradeable	
	A1 Makedonija DOOEL Skopje	1805 - 1815 MHz (DL) 1710 - 1720 MHz (UL)	IMT	LTE	National Coverage	Start: 01-12-2013 Expiry: 30-11-2033 Tradeable	
	A1 Makedonija DOOEL Skopje	1825 - 1840 MHz (DL) 1730 - 1745 MHz (UL)	IMT	LTE	National Coverage	Start: 01-12-2013 Expiry: 30-11-2033	



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Makedonski Telekom AD Skopje	1840 - 1850 MHz (DL) 1745 - 1755 MHz (UL)	IMT	GSM/UMTS	National Coverage	Start: 09-06-2009 Expiry: 09-06-2029 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	
	A1 Makedonija DOOEL Skopje	1865 - 1870 MHz (DL) 1770 - 1775 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
	A1 Makedonija DOOEL Skopje	2120 - 2125 MHz (DL) 1930 - 1935 MHz (UL)	MFCN	LTE	National Coverage	Start: 24-11-2021 Expiry: 23-11-2028 Tradeable	
	A1 Makedonija DOOEL Skopje	2125 - 2135 MHz (DL) 1935 - 1945 MHz (UL)	MFCN	UMTS	National Coverage	Start: 11-02-2008 Expiry: 11-02-2028 Tradeable	
	A1 Makedonija DOOEL Skopje	2135 - 2140 MHz (DL) 1945 - 1950 MHz (UL)	MFCN	LTE	National Coverage	Start: 24-11-2021 Expiry: 23-11-2028 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	
	Makedonski Telekom AD Skopje	2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL)	MFCN	LTE	National Coverage	Start: 09-12-2021 Expiry: 08-12-2028 Tradeable	

## 3400-3800 MHz Mobile Band








3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	NEOTEL	3400 - 3431.5 MHz	Fixed	LTE TDD	National Coverage	Start: 21-09-2007 Expiry: 21-09-2027 Tradeable	

Norway (2022)




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
	IRISTEL NORWAY AS	758 - 768 MHz (DL) 703 - 713 MHz (UL)	MFCN		Regional/local coverage Svalbard	Start: 01-01-2019 Expiry: 31-12-2038 Tradeable	
	EQUINOR ENERGY AS	758 - 768 MHz (DL) 703 - 713 MHz (UL)	MFCN		Regional/local coverage Offshore	Start: 01-11-2019 Expiry: 31-12-2039 Tradeable	
	TELENOR NORGE AS	758 - 768 MHz (DL) 703 - 713 MHz (UL)	MFCN		National Coverage	Start: 01-11-2019 Expiry: 31-12-2039 Tradeable	
	TELENOR NORGE AS	768 - 788 MHz (DL) 713 - 733 MHz (UL)	MFCN		Regional/local coverage Svalbard	Start: 01-01-2019 Expiry: 31-12-2038 Tradeable	
	TELIA NORGE AS	768 - 778 MHz (DL) 713 - 723 MHz (UL)	MFCN		National Coverage	Start: 01-11-2019 Expiry: 31-12-2039 Tradeable	
	TAMPNET AS	773 - 788 MHz (DL) 718 - 733 MHz (UL)	MFCN		Regional/local coverage Offshore	Start: 01-11-2019 Expiry: 31-12-2039 Tradeable	
	ICE COMMUNICATION NORGE AS	778 - 788 MHz (DL) 723 - 733 MHz (UL)	MFCN		National Coverage	Start: 01-11-2019 Expiry: 31-12-2039 Tradeable	

800 MHz Mobile Band (the UHF band)





790-862 MHz (paired frequency arrangement)







	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TAMPNET AS	791 - 811 MHz (DL) 832 - 852 MHz (UL)	MFCN		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)	MFCN		National Coverage	Start: 01-01-2014 Expiry: 31-12-2033 Tradeable	
	TELIA NORGE AS	791 - 801 MHz (DL) 832 - 842 MHz (UL)	MFCN		Regional/local coverage Svalbard	Start: 01-01-2018 Expiry: 31-12-2033 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TELENOR NORGE AS	801 - 821 MHz (DL) 842 - 862 MHz (UL)	MFCN		Regional/local coverage Svalbard	Start: 01-05-2014 Expiry: 31-12-2033 Tradeable	
	TELIA NORGE AS	801 - 811 MHz (DL) 842 - 852 MHz (UL)	MFCN		National Coverage	Start: 01-01-2014 Expiry: 31-12-2033 Tradeable	
	TELENOR NORGE AS	811 - 821 MHz (DL) 852 - 862 MHz (UL)	MFCN		National Coverage	Start: 01-01-2014 Expiry: 31-12-2033 Tradeable	
	TELENOR MARITIME AS	811 - 821 MHz (DL) 852 - 862 MHz (UL)	MFCN		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
	Nkom-Fribruksforskrift	880 - 915 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	GSM på fartøy i norsk farvann § 43(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	880 - 915 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjonstjenester på norskregistrerte fartøy utenfor norsk territorialfarvann § 43c(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	EQUINOR ENERGY AS	925 - 945 MHz (DL) 880 - 900 MHz (UL)	IMT		Regional/local coverage Offshore	Start: 24-04-2019 Expiry: 31-12-2033 Tradeable	
	ICE COMMUNICATION NORGE AS	925 - 930.1 MHz (DL) 880 - 885.1 MHz (UL)	IMT		National Coverage	Start: 01-01-2014 Expiry: 31-12-2033 Tradeable	
	MegaFon PJSC	925 - 930 MHz (DL) 880 - 885 MHz (UL)	IMT		Regional/local coverage Svalbard	Start: 01-01-2020 Expiry: 31-12-2033 Tradeable	
	TELIA NORGE AS	930 - 945 MHz (DL) 885 - 900 MHz (UL)	IMT		Regional/local coverage Svalbard	Start: 01-01-2018 Expiry: 31-12-2033 Tradeable	
	TELIA NORGE AS	930.1 - 945 MHz (DL) 885.1 - 900 MHz (UL)	IMT		National Coverage	Start: 01-01-2018 Expiry: 31-12-2033 Tradeable	






	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TELENOR NORGE AS	945 - 960 MHz (DL) 900 - 915 MHz (UL)	IMT		Regional/local coverage Svalbard	Start: 01-01-2018 Expiry: 31-12-2033 Tradeable	
	TELENOR NORGE AS	945 - 960 MHz (DL) 900 - 915 MHz (UL)	IMT		National Coverage	Start: 01-01-2018 Expiry: 31-12-2033 Tradeable	
	TELENOR MARITIME AS	945 - 950 MHz (DL) 900 - 905 MHz (UL)	IMT		Regional/local coverage Offshore	Start: 01-01-2021 Expiry: 31-12-2033 Tradeable	
	TELENOR MARITIME AS	950 - 960 MHz (DL) 905 - 915 MHz (UL)	IMT		Regional/local coverage Offshore	Start: 24-04-2019 Expiry: 31-12-2033 Tradeable	
	Nkom-Fribruksforskrift	925 - 960 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	GSM på fartøy i norsk farvann § 43(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	925 - 960 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjonstjenester på norskregistrerte fartøy utenfor norsk territorialfarvann § 43c(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>

**1800 MHz Mobile Band**

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





	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Nkom-Fribruksforskrift	1710 - 1785 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	GSM på fartøy i norsk farvann § 43(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1710 - 1785 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	LTE på fartøy i norsk farvann § 43b(1) (2) (3) (4) (5). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1710 - 1785 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjonstjenester på norskregistrerte fartøy utenfor norsk territorialfarvann § 43c(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1710 - 1785 MHz	MCA		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjon i luftfartøy i norsk luftterritorium § 44(1) (2) (3) (4) (5) (6) (7). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Nkom-Fribruksforskrift	1710 - 1785 MHz	MCA		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjon i norskregistrert luftfartøy utenfor norsk luftterritorium § 45. <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	TAMPNET AS	1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL)	IMT		Regional/local coverage Offshore	Start: 20-03-2013 Expiry: 31-12-2033 Tradeable	
	MJOLNIR TELECOM AS	1805 - 1810 MHz (DL) 1710 - 1715 MHz (UL)	IMT		Regional/local coverage Svalbard	Start: 01-01-2015 Expiry: 31-12-2033 Tradeable	
	TELIA NORGE AS	1805 - 1810 MHz (DL) 1710 - 1715 MHz (UL)	IMT		National Coverage	Start: 01-02-2016 Expiry: 31-12-2033 Tradeable	
	TELENOR NORGE AS	1810 - 1820 MHz (DL) 1715 - 1725 MHz (UL)	IMT		National Coverage	Start: 01-02-2016 Expiry: 31-12-2033 Tradeable	
	TELENOR NORGE AS	1820 - 1830 MHz (DL) 1725 - 1735 MHz (UL)	IMT		National Coverage	Start: 01-01-2014 Expiry: 31-12-2033 Tradeable	
	TELIA NORGE AS	1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL)	IMT		Regional/local coverage Offshore	Start: 20-03-2013 Expiry: 31-12-2033 Tradeable	
	TELENOR NORGE AS	1830 - 1840 MHz (DL) 1735 - 1745 MHz (UL)	IMT		National Coverage	Start: 01-01-2014 Expiry: 31-12-2028 Tradeable	
	TELIA NORGE AS	1840 - 1850 MHz (DL) 1745 - 1755 MHz (UL)	IMT		National Coverage	Start: 01-01-2014 Expiry: 31-12-2028 Tradeable	
	EQUINOR ENERGY AS	1845 - 1865 MHz (DL) 1750 - 1770 MHz (UL)	IMT		Regional/local coverage Offshore	Start: 20-03-2013 Expiry: 31-12-2033 Tradeable	
	TELIA NORGE AS	1850 - 1860 MHz (DL) 1755 - 1765 MHz (UL)	IMT		National Coverage	Start: 01-01-2014 Expiry: 31-12-2033 Tradeable	
	TELENOR NORGE AS	1860 - 1880 MHz (DL) 1765 - 1785 MHz (UL)	IMT		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)	IMT		National Coverage	Start: 01-01-2014 Expiry: 31-12-2033 Tradeable	
	TELENOR MARITIME AS	1865 - 1880 MHz (DL) 1770 - 1785 MHz (UL)	IMT		Regional/local coverage Offshore	Start: 27-02-2015 Expiry: 31-12-2033	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Nkom-Fribruksforskrift	1805 - 1880 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	GSM på fartøy i norsk farvann § 43(1) (2) (3) . <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1805 - 1880 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	LTE på fartøy i norsk farvann § 43b(1) (2) (3) (4) (5). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1805 - 1880 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjonstjenester på norskregistrerte fartøy utenfor norsk territorialfarvann § 43c(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1805 - 1880 MHz	MCA		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjon i luftfartøy i norsk luftterritorium § 44(1) (2) (3) (4) (5) (6) (7). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1805 - 1880 MHz	MCA		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjon i norskregistrert luftfartøy utenfor norsk luftterritorium § 45. <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>

**2 GHz Mobile Band**



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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Nkom-Fribruksforskrift	1920 - 1980 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	UMTS på fartøy i norske farvann § 43a(1) (2) (3) (4) (5). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1920 - 1980 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjonstjenester på norskregistrerte fartøy utenfor norsk territorialfarvann § 43c(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1920 - 1980 MHz	MCA		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjon i luftfartøy i norsk luftterritorium § 44(1) (2) (3) (4) (5) (6) (7). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	1920 - 1980 MHz	MCA		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjon i norskregistrert luftfartøy utenfor norsk luftterritorium § 45. <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TELIA NORGE AS	2110 - 2130 MHz (DL) 1920 - 1940 MHz (UL)	MFCN		National Coverage	Start: 01-10-2019 Expiry: 31-12-2032 Tradeable	
	TELIA NORGE AS	2110.3 - 2130.1 MHz (DL) 1920.3 - 1940.1 MHz (UL)	MFCN		Regional/local coverage Svalbard	Start: 22-05-2013 Expiry: 31-12-2032 Tradeable	
	TELENOR NORGE AS	2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL)	MFCN		National Coverage	Start: 01-10-2019 Expiry: 31-12-2032 Tradeable	
	TELENOR NORGE AS	2130.1 - 2149.9 MHz (DL) 1940.1 - 1959.9 MHz (UL)	MFCN		Regional/local coverage Svalbard	Start: 22-04-2013 Expiry: 31-12-2032 Tradeable	
	TELENOR MARITIME AS	2135 - 2140 MHz (DL) 1945 - 1950 MHz (UL)	MFCN		Regional/local coverage Utvalgte plattformer på norsk kontinentalsokkel	Start: 22-01-2020 Expiry: 31-12-2033 Tradeable	
	TELIA NORGE AS	2149.9 - 2169.7 MHz (DL) 1959.9 - 1979.7 MHz (UL)	MFCN		Regional/local coverage Svalbard	Start: 22-04-2013 Expiry: 31-12-2032 Tradeable	
	ICE COMMUNICATION NORGE AS	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	MFCN		National Coverage	Start: 01-07-2019 Expiry: 31-12-2032 Tradeable	
	Nkom-Fribruksforskrift	2110 - 2170 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	UMTS på fartøy i norske farvann § 43a(1) (2) (3) (4) (5). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	2110 - 2170 MHz			National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjonstjenester på norskregistrerte fartøy utenfor norsk territorialfarvann § 43c(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	2110 - 2170 MHz	MCA		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjon i luftfartøy i norsk luftterritorium § 44(1) (2) (3) (4) (5) (6) (7). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	2110 - 2170 MHz	MCA		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjon i norskregistrert luftfartøy utenfor norsk luftterritorium § 45. <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>





### 2300 MHz - 2400 MHz Mobile Band

2300 MHz - 2400 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Nkom-Fribruksforskrift	2323 - 2331 MHz	PMSE		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobil videolink § 17. <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	2386 - 2394 MHz	PMSE		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobil videolink § 17. <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>




## 2.6 GHz Mobile Band

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


	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Nkom-Fribruksforskrift	2500 - 2570 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	LTE på fartøy i norsk farvann § 43b(1) (2) (3) (4) (5). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	2500 - 2570 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjonstjenester på norskregistrerte fartøy utenfor norsk territorialfarvann § 43c(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	2620 - 2690 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	LTE på fartøy i norsk farvann § 43b(1) (2) (3) (4) (5). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>
	Nkom-Fribruksforskrift	2620 - 2690 MHz	MCV		National Coverage	Start: 01-07-2017 Expiry: 31-12-2099	Mobilkommunikasjonstjenester på norskregistrerte fartøy utenfor norsk territorialfarvann § 43c(1) (2) (3). <a href="https://lovdata.no/dokument/SF/forskrift/2012-01-19-77">https://lovdata.no/dokument/SF/forskrift/2012-01-19-77</a>

## 3400-3800 MHz Mobile Band

3400 MHz - 3800 MHz



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	ICE COMMUNICATION NORGE AS	3400 - 3480 MHz	MFCN		National Coverage	Start: 01-01-2022 Expiry: 31-12-2042 Tradeable	
	ALTIBOX AS	3480 - 3580 MHz	MFCN		National Coverage	Start: 01-01-2022 Expiry: 31-12-2042 Tradeable	
	TELENOR NORGE AS	3580 - 3700 MHz	MFCN		National Coverage	Start: 01-01-2022 Expiry: 31-12-2042 Tradeable	



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TELIA NORGE AS	3700 - 3800 MHz	MFCN		National Coverage	Start: 01-01-2022 Expiry: 31-12-2042 Tradeable	

### 26 GHz Mobile Band






24.25 GHz - 27.50 GHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TELIA NORGE AS	24.591 - 24.675 GHz (DL) 25.599 - 25.683 GHz (UL)	Fixed		Regional/local coverage Regional	Start: 01-04-2012 Expiry: 31-12-2024 Tradeable	Regional terrestrisk bruk i fylkene Oslo, Akershus, Buskerud, Hedmark, Oppland, Sør-Trøndelag, Nord-Trøndelag, Nordland, Troms og Finnmark. Norsk landterritorium avgrenses på grunnlinjen.
	GLOBALCONNECT AS	24.759 - 24.843 GHz (DL) 25.767 - 25.851 GHz (UL)	Fixed		National Coverage	Start: 01-04-2012 Expiry: 31-12-2024 Tradeable	

## Poland (2022)






## 800 MHz Mobile Band (the UHF band)



790-862 MHz (paired frequency arrangement)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Orange Polska S.A.	791 - 796 MHz (DL) 832 - 837 Hz (UL)	TRA-ECS	LTE	National Coverage	Start: 25-01-2016 Expiry: 25-01-2031 Tradeable	
	Orange Polska S.A.	796 - 801 MHz (DL) 837 - 842 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 25-01-2016 Expiry: 25-01-2031 Tradeable	
	P4 Sp. z o.o.	801 - 806 MHz (DL) 842 - 847 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 23-06-2016 Expiry: 23-06-2031 Tradeable	
	T-Mobile Polska S.A.	806 - 811 MHz (DL) 847 - 852 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 23-06-2016 Expiry: 23-06-2031 Tradeable	
	T-Mobile Polska S.A.	811 - 816 MHz (DL) 852 - 857 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 23-06-2016 Expiry: 23-06-2031 Tradeable	

## 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)	TRA-ECS	GSM UMTS	National Coverage	Start: 09-12-2008 Expiry: 31-12-2023 Tradeable	
	POLKOMTEL Sp. z o.o.	930.1 - 935.1 MHz (DL) 885.1 - 890.1 MHz (UL)	TRA-ECS	LTE UMTS	National Coverage	Start: 09-12-2008 Expiry: 31-12-2023 Tradeable	
	POLKOMTEL Sp. z o.o.	935.1 - 937.9 MHz (DL) 890.1 - 892.9 MHz (UL)	TRA-ECS	GSM UMTS	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)	TRA-ECS	GSM UMTS LTE	National Coverage	Start: 23-02-1996 Expiry: 28-02-2026 Tradeable	
	POLKOMTEL Sp. z o.o.	942.3 - 948.5 MHz (DL) 897.3 - 903.5 MHz (UL)	TRA-ECS	GSM UMTS	National Coverage	Start: 23-02-1996 Expiry: 24-02-2026 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	T-Mobile Polska S.A.	948.5 - 953.1 MHz (DL) 903.5 - 908.1 MHz (UL)	TRA-ECS	GSM UMTS LTE	National Coverage	Start: 23-02-1996 Expiry: 28-02-2026 Tradeable	
	Orange Polska S.A.	953.1 - 959.9 MHz (DL) 908.1 - 914.9 MHz (UL)	TRA-ECS	GSM UMTS LTE	National Coverage	Start: 05-07-1999 Expiry: 06-07-2029 Tradeable	

**1800 MHz Mobile Band**





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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	POLKOMTEL Sp. z o.o.	1805.1 - 1814.9 MHz (DL) 1710.1 - 1719.9 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 30-11-2007 Expiry: 31-12-2037 Tradeable	
	POLKOMTEL Sp. z o.o.	1814.9 - 1815.1 MHz (DL) 1719.9 - 1720.1 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 10-01-2017 Expiry: 31-12-2037 Tradeable	
	POLKOMTEL Sp. z o.o.	1815.1 - 1824.9 MHz (DL) 1720.1 - 1729.9 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 30-11-2007 Expiry: 31-12-2037 Tradeable	
	P4 Sp. z o.o.	1824.9 - 1839.9 MHz (DL) 1729.9 - 1744.9 MHz (UL)	TRA-ECS	LTE	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)	TRA-ECS	LTE	National Coverage	Start: 14-06-2013 Expiry: 31-12-2027 Tradeable	
	T-Mobile Polska S.A.	1849.9 - 1852.3 MHz (DL) 1754.9 - 1757.3 MHz (UL)	TRA-ECS	LTE UMTS	National Coverage	Start: 11-08-1999 Expiry: 12-08-2029 Tradeable	
	T-Mobile Polska S.A.	1852.3 - 1852.5 MHz (DL) 1757.3 - 1757.5 MHz (UL)	TRA-ECS	LTE UMTS	National Coverage	Start: 11-08-2017 Expiry: 12-08-2029 Tradeable	
	POLKOMTEL Sp. z o.o.	1852.5 - 1854.9 MHz (DL) 1757.5 - 1759.9 MHz (UL)	TRA-ECS	GSM UMTS	National Coverage	Start: 13-09-1999 Expiry: 14-09-2029 Tradeable	
	Orange Polska S.A.	1854.9 - 1855.3 MHz (DL) 1759.9 - 1760.3 MHz (UL)	TRA-ECS	LTE UMTS	National Coverage	Start: 11-08-2017 Expiry: 22-08-2027 Tradeable	
	Orange Polska S.A.	1855.3 - 1864.9 MHz (DL) 1760.3 - 1769.9 MHz (UL)	TRA-ECS	LTE UMTS	National Coverage	Start: 21-08-1997 Expiry: 22-08-2027 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	T-Mobile Polska S.A.	1864.9 - 1865.1 MHz (DL) 1769.9 - 1770.1 MHz (UL)	TRA-ECS	LTE UMTS	National Coverage	Start: 11-08-2017 Expiry: 12-08-2029 Tradeable	
	T-Mobile Polska S.A.	1865.1 - 1872.3 MHz (DL) 1770.1 - 1777.3 MHz (UL)	TRA-ECS	LTE UMTS	National Coverage	Start: 11-08-1999 Expiry: 12-08-2029 Tradeable	
	POLKOMTEL Sp. z o.o.	1872.3 - 1872.7 MHz (DL) 1777.3 - 1777.7 MHz (UL)	TRA-ECS	GSM UMTS	National Coverage	Start: 11-08-2017 Expiry: 14-09-2029 Tradeable	
	POLKOMTEL Sp. z o.o.	1872.7 - 1879.9 MHz (DL) 1777.7 - 1784.9 MHz (UL)	TRA-ECS	GSM UMTS	National Coverage	Start: 13-09-1999 Expiry: 14-09-2029 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 - 2125 MHz (DL) 1920 - 1935 MHz (UL)	TRA-ECS	UMTS LTE 5G	National Coverage	Start: 20-12-2000 Expiry: 31-12-2037 Tradeable	
	T-Mobile Polska S.A.	2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL)	TRA-ECS	UMTS LTE 5G	National Coverage	Start: 20-12-2000 Expiry: 31-12-2037 Tradeable	
	POLKOMTEL Sp. z o.o.	2140 - 2155 MHz (DL) 1950 - 1965 MHz (UL)	TRA-ECS	UMTS LTE 5G	National Coverage	Start: 20-12-2000 Expiry: 31-12-2037 Tradeable	
	P4 Sp. z o.o.	2155 - 2170 MHz (DL) 1965 - 1980 MHz (UL)	TRA-ECS	UMTS LTE 5G	National Coverage	Start: 16-11-2007 Expiry: 31-12-2037 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
	POLKOMTEL Sp. z o.o.	2620 - 2640 MHz (DL) 2500 - 2520 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 25-01-2016 Expiry: 25-01-2031 Tradeable	
	Orange Polska S.A.	2640 - 2655 MHz (DL) 2520 - 2535 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 25-01-2016 Expiry: 25-01-2031	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	T-Mobile Polska S.A.	2655 - 2670 MHz (DL) 2535 - 2550 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 25-01-2016 Expiry: 25-01-2031 Tradeable	
	P4 Sp. z o.o.	2670 - 2690 MHz (DL) 2550 - 2570 MHz (UL)	TRA-ECS	LTE	National Coverage	Start: 25-01-2016 Expiry: 25-01-2031 Tradeable	

**2.6 GHz Mobile Band**




2570-2620 MHz (unpaired frequency band)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	POLKOMTEL Sp. z o.o.	2570 - 2620 MHz	-	LTE 5G	National Coverage	Start: 10-11-2009 Expiry: 31-12-2024 Tradeable	

Portugal (2022)




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
	MEO - Serviços de Comunicações e Multimédia, S.A.	758 - 763 MHz (DL) 703 - 708 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 15-12-2021 Expiry: 15-12-2041 Tradeable	2 x 5 MHz
	VODAFONE PORTUGAL Comunicações Pessoais, S.A.	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 29-11-2021 Expiry: 29-11-2041 Tradeable	2 x 10 MHz
	NOS Comunicações, S.A.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 26-11-2021 Expiry: 26-11-2041 Tradeable	2 x 10 MHz



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
	Dixarobil Telecom, Sociedade Unipessoal, Lda.	925 - 930 MHz (DL) 880 - 885 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 17-01-2022 Expiry: 17-01-2042 Tradeable	2 x 5 MHz
	VODAFONE PORTUGAL Comunicações Pessoais, S.A.	930 - 935 MHz (DL) 885 - 890 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 09-03-2012 Expiry: 09-03-2027	2 x 5 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	VODAFONE PORTUGAL Comunicações Pessoais, S.A.	- 935.1 - 940.1 MHz (DL) 890.1 - 895.1 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 19-10-2006 Expiry: 21-04-2033 Tradeable	2 x 5 MHz
	NOS Comunicações, S.A.	943.1 - 950.9 MHz (DL) 898.1 - 905.9 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 20-11-2012 Expiry: 20-11-2027 Tradeable	2 x 7.8 MHz
	MEO - Serviços de Comunicações e Multimédia, S.A.	950.9 - 958.9 MHz (DL) 905.9 - 913.9 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 16-03-2007 Expiry: 21-04-2033 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	Technology neutral	National Coverage	Start: 09-03-2012 Expiry: 09-03-2027 Tradeable	2 x 14 MHz
	VODAFONE PORTUGAL Comunicações Pessoais, S.A.	- 1805 - 1825 MHz (DL) 1710 - 1730 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 19-10-2006 Expiry: 21-04-2033 Tradeable	2 x 6 MHz
	NOS Comunicações, S.A.	1825 - 1845 MHz (DL) 1730 - 1750 MHz (UL)	TRA-ECS	Technology neutral	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	Technology neutral	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	Technology neutral	National Coverage	Start: 09-03-2012 Expiry: 09-03-2027 Tradeable	2 x 14 MHz
	MEO - Serviços de Comunicações e Multimédia, S.A.	1845 - 1865 MHz (DL) 1750 - 1770 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 16-03-2007 Expiry: 21-04-2033 Tradeable	2 x 6 MHz
	NOWO Communications, S.A.	1865 - 1875 MHz (DL) 1770 - 1780 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 30-11-2021 Expiry: 30-11-2041 Tradeable	2 x 10 MHz
	Dixarobil Telecom, Sociedade Unipessoal, Lda.	1875 - 1880 MHz (DL) 1780 - 1785 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 30-11-2021 Expiry: 30-11-2041 Tradeable	2 x 5 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
	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
	NOS Comunicações, S.A.	2144.9 - 2149.9 MHz (DL) 1954.9 - 1959.9 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: 26-11-2021 Expiry: 26-11-2041 Tradeable	2 x 5 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
	Dixarobil Telecom, Sociedade Unipessoal, Lda.	2620 - 2625 MHz (DL) 2500 - 2505 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 30-11-2021 Expiry: 30-11-2041 Tradeable	2 x 5 MHz
	NOWO Communications, S.A.	2625 - 2630 MHz (DL) 2505 - 2510 MHz (UL)	TRA-ECS	Technology neutral	National Coverage	Start: 30-11-2021 Expiry: 30-11-2041 Tradeable	2 x 5 MHz
	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
	Dixarobil Telecom, Sociedade Unipessoal, Lda.	2595 - 2620 MHz	TRA-ECS	Technology neutral	National Coverage	Start: 30-11-2021 Expiry: 30-11-2041 Tradeable	25 Mhz

3400-3800 MHz Mobile Band

3400 MHz - 3800 MHz




	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Dense Air Portugal, Unipessoal, Lda.	3400 - 3500 MHz	TRA-ECS	Technology neutral	Regional/local coverage true	Start: 05-08-2010 Expiry: 05-08-2025 Tradeable	Blocks 5 MHz The geographical areas are defined in annex 1 of Regulation (EC) no. 427/October 29, 2009, confirmed by the declaration no. 2930/November 27, 2009. Endorsement n° 6, of 4rd of November of 2020, to the ANACOM RoU n° 04/2010

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Dense Air Portugal, Unipessoal, Lda.	3400 - 3455 MHz	TRA-ECS	Technology neutral	Regional/local coverage true	Start: 05-08-2010 Expiry: 05-08-2025 Tradeable	Blocks 5 MHz The geographical areas are defined in annex 1 of Regulation (EC) no. 427/October 29, 2009, confirmed by the declaration no. 2930/November 27, 2009. Endorsement n° 6, of 4rd of November of 2020, to the ANACOM RoU n° 04/2010
	Dixarobil Telecom, Sociedade Unipessoal, Lda.	3400 - 3440 MHz	TRA-ECS	Technology neutral	National Coverage	Start: 30-11-2021 Expiry: 30-11-2041 Tradeable	40 MHz
	Dense Air Portugal, Unipessoal, Lda.	3440 - 3480 MHz	TRA-ECS	Technology neutral	National Coverage	Start: 26-11-2021 Expiry: 26-11-2041 Tradeable	40 MHz
	NOWO Communications, S.A.	3480 - 3500 MHz	TRA-ECS	Technology neutral	National Coverage	Start: 30-11-2021 Expiry: 30-11-2041 Tradeable	20 MHz
	NOWO Communications, S.A.	3500 - 3520 MHz	TRA-ECS	Technology neutral	National Coverage	Start: 30-11-2021 Expiry: 30-11-2041 Tradeable	20 MHz
	VODAFONE PORTUGAL Comunicações Pessoais, S.A.	3520 - 3610 MHz	TRA-ECS	Technology neutral	National Coverage	Start: 29-11-2021 Expiry: 29-11-2041 Tradeable	90 MHz
	NOS Comunicações, S.A.	3610 - 3710 MHz	TRA-ECS	Technology neutral	National Coverage	Start: 26-11-2021 Expiry: 26-11-2041 Tradeable	100 MHz
	MEO - Serviços de Comunicações e Multimédia, S.A.	3710 - 3800 MHz	TRA-ECS	Technology neutral	National Coverage	Start: 15-12-2021 Expiry: 15-12-2041 Tradeable	90 MHz

## 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	



**2.6 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	

## 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 (2022)




**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
	O2 Slovakia, s.r.o.	758 - 768 MHz (DL) 703 - 713 MHz (UL)	TRA-ECS	LTE	National Coverage	Expiry: 31-12-2040 Tradeable	transfer of rights
	Slovak Telekom, a.s.	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS	-	National Coverage	Expiry: 31-12-2040 Tradeable	transfer of rights
	Orange Slovensko, a.s.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	TRA-ECS	LTE	National Coverage	Expiry: 31-12-2040 Tradeable	transfer of rights






**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 - 801 MHz (DL) 832 - 842 MHz (UL)	TRA-ECS	LTE	National Coverage	Expiry: 31-12-2028 Tradeable	transfer of rights
	Orange Slovensko, a.s.	801 - 811 MHz (DL) 842 - 852 MHz (UL)	TRA-ECS	LTE	National Coverage	Expiry: 31-12-2028 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	811 - 821 MHz (DL) 852 - 862 MHz (UL)	TRA-ECS	LTE	National Coverage	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.	925 - 927.9 MHz (DL) 880 - 882.9 MHz (UL)	TRA-ECS	GSM, UMTS	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	927.9 - 934.9 MHz (DL) 882.9 - 889.9 MHz (UL)	TRA-ECS	GSM, UMTS	National Coverage	Expiry: 07-09-2026 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	934.9 - 935.1 MHz (DL) 889.9 - 890.1 MHz (UL)	TRA-ECS	GSM, UMTS	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	Orange Slovensko, a.s.	935.1 - 941.1 MHz (DL) 890.1 - 896.1 MHz (UL)	TRA-ECS	GSM, UMTS	National Coverage	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	Expiry: 31-12-2025 Tradeable	transfer of rights










	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Orange Slovensko, a.s.	947.1 - 950.1 MHz (DL) 902.1 - 905.1 MHz (UL)	TRA-ECS	GSM, UMTS	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	Slovak Telekom, a.s.	950.1 - 953.1 MHz (DL) 905.1 - 908.1 MHz (UL)	TRA-ECS	GSM	National Coverage	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	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, UMTS	National Coverage	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	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	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	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	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	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	GSM, UMTS	National Coverage	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	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	GSM, UMTS	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	958.7 - 959.5 MHz (DL) 913.7 - 914.5 MHz (UL)	TRA-ECS	GSM, UMTS	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	959.7 - 960 MHz (DL) 914.7 - 915 MHz (UL)	TRA-ECS	GSM, UMTS	National Coverage	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
	Orange Slovensko, a.s.	1805 - 1805.1 MHz (DL) 1710 - 1710.1 MHz (UL)	TRA-ECS	GSM	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	Orange Slovensko, a.s.	1805.1 - 1811.3 MHz (DL) 1710.1 - 1716.3 MHz (UL)	TRA-ECS	GSM, LTE	National Coverage	Expiry: 07-09-2026 Tradeable	transfer of rights
	Orange Slovensko, a.s.	1811.3 - 1819.1 MHz (DL)	TRA-ECS	GSM, LTE	National Coverage	Expiry: 31-12-2025	transfer of rights



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
		1716.3 - 1724.1 MHz (UL)				Tradeable	
	Orange Slovensko, a.s.	1819.1 - 1820.1 MHz (DL) 1724.1 - 1725.1 MHz (UL)	TRA-ECS	GSM, LTE	National Coverage	Expiry: 07-09-2026 Tradeable	transfer of rights
	Orange Slovensko, a.s.	1820.1 - 1825 MHz (DL) 1725.1 - 1730 MHz (UL)	TRA-ECS	LTE	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	SWAN, a.s.	1825 - 1838.9 MHz (DL) 1730 - 1743.9 MHz (UL)	TRA-ECS	GSM, LTE	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	SWAN, a.s.	1838.9 - 1841.1 MHz (DL) 1743.9 - 1746.1 MHz (UL)	TRA-ECS	GSM	National Coverage	Expiry: 07-09-2026 Tradeable	transfer of rights
	SWAN, a.s.	1841.1 - 1843 MHz (DL) 1746.1 - 1748 MHz (UL)	TRA-ECS	GSM	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	Slovak Telekom, a.s.	1843 - 1844.9 MHz (DL) 1748 - 1749.9 MHz (UL)	TRA-ECS	GSM	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	Slovak Telekom, a.s.	1844.9 - 1861.1 MHz (DL) 1749.9 - 1766.1 MHz (UL)	TRA-ECS	GSM, LTE	National Coverage	Expiry: 07-09-2026 Tradeable	transfer of rights
	Slovak Telekom, a.s.	1861.1 - 1861.2 MHz (DL) 1766.1 - 1766.2 MHz (UL)	TRA-ECS	GSM	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	1861.2 - 1871.1 MHz (DL) 1766.2 - 1776.1 MHz (UL)	TRA-ECS	LTE_NR	National Coverage	Expiry: 07-09-2026 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	1871.1 - 1874.1 MHz (DL) 1776.1 - 1779.1 MHz (UL)	TRA-ECS	LTE_NR	National Coverage	Expiry: 31-12-2025 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	1874.1 - 1880 MHz (DL) 1779.1 - 1785 MHz (UL)	TRA-ECS	LTE_NR	National Coverage	Expiry: 31-12-2025 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, LTE	National Coverage	Expiry: 31-08-2026 Tradeable	transfer of rights
	Slovak Telekom, a.s.	2130 - 2150 MHz (DL) 1940 - 1960 MHz (UL)	TRA-ECS	UMTS, LTE, 5G	National Coverage	Expiry: 31-08-2026 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	2150 - 2170 MHz (DL) 1960 - 1980 MHz (UL)	TRA-ECS	UMTS, LTE	National Coverage	Expiry: 07-09-2026 Tradeable	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
	Orange Slovensko, a.s.	2620 - 2650 MHz (DL) 2500 - 2530 MHz (UL)	TRA-ECS	LTE	National Coverage	Expiry: 31-12-2028 Tradeable	transfer of rights
	Slovak Telekom, a.s.	2650 - 2690 MHz (DL) 2530 - 2570 MHz (UL)	TRA-ECS	LTE	National Coverage	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 - 2620 MHz	TRA-ECS	LTE (TDD)	National Coverage	Expiry: 31-12-2028 Tradeable	transfer of rights

## 3400-3800 MHz Mobile Band














3400 MHz - 3800 MHz


	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Slovanet, a. s.	3400 - 3410 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Drábsko	Start: 03-01-2022 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Bardejov	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Cinobaňa	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Doľany	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Zlaté	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Sereď	Start: 04-02-2020 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Banská Bystrica	Start: 02-12-2020 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Čertizné	Start: 25-06-2021 Expiry: 31-08-2025	transfer of rights










	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Konrádovce	Start: 25-06-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Kováčovce	Start: 25-06-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Zbojné	Start: 25-06-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Kozelník	Start: 06-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Seľany	Start: 06-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Stakčínska Roztoka	Start: 06-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Tuhár	Start: 06-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Čermany	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Dolný Kubín	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Humenné	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Pezinok	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Staré	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3420 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Trnava	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Slovanet, a. s.	3410 - 3417 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Sečianky	Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3415 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Krivosúd-Bodovka	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3415 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Lontov	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3415 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Púchov	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3415 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Sikenička	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3410 - 3415 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Súdovce	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3412.5 - 3417.5 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Lipová	Start: 06-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3415 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Liptovský Mikuláš	Start: 19-04-2018 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3415 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Bratislava	Start: 02-12-2020 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3415 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Sukov	Start: 25-06-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3415 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Žibritov	Start: 25-06-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3415 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Kožuchove	Start: 06-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3415 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Medovarce	Start: 06-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3415 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Sikenica	Start: 12-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Slovanet, a. s.	3415 - 3425 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Opava	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3524 - 3525 MHz (DL) 3424 - 3425 MHz (UL)	MFCN	LTE, WiMAX, FWA (FDD, TDD)	National Coverage	Start: 14-04-2016 Expiry: 31-08-2025 Tradeable	transfer of rights
	Orange Slovensko, a.s.	3430 - 3490 MHz	MFCN	NR	National Coverage	Expiry: 31-08-2025 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3490 - 3600 MHz	MFCN	LTE NR	National Coverage	Expiry: 31-08-2025 Tradeable	transfer of rights
	Slovanet, a. s.	3512.5 - 3517.5 MHz	MFCN	LTE, WiMAX, FWA (FDD, TDD)	Regional/local coverage Drábsko	Start: 26-07-2021 Expiry: 31-08-2025 Tradeable	transfer of rights
	DSI DATA, a. s.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nováky	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Prievidza	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Sabinov	Expiry: 31-12-2024 Tradeable	transfer of rights
	ORANET, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Námestovo	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
	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 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 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 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 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 Myjava	Start: 03-11-2016 Expiry: 31-12-2024	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	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
	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
	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 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 Humenné	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 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 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 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 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 Krupina	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 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 Rožňava	Start: 30-12-2016 Expiry: 31-12-2024	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	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 Tvrdošín	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 Bánovce nad Bebravou	Start: 24-01-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Hlohovec	Start: 24-01-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Vranov nad Topľou	Start: 24-01-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Žiar nad Hronom	Start: 24-01-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Brezno	Start: 08-02-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Čadca	Start: 08-02-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Kežmarok	Start: 08-02-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Komárno	Start: 08-02-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Ružomberok	Start: 08-02-2017 Expiry: 31-12-2024	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Wircom s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Partizánske	Start: 08-02-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Michalovce	Start: 05-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Púchov	Start: 05-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Senec	Start: 05-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Senica	Start: 05-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Stará Ľubovňa	Start: 05-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Topoľčany	Start: 05-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Levice	Start: 21-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Lučenec	Start: 21-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Malacky	Start: 21-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Piešťany	Start: 21-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Považská Bystrica	Start: 21-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Revúca	Start: 21-04-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Dunajská Streda	Start: 12-05-2017 Expiry: 31-12-2024	transfer of rights



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Martin	Start: 12-05-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Trenčín	Start: 12-05-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Veľký Krtíš	Start: 12-05-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Liptovský Mikuláš	Start: 07-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nové Zámky	Start: 07-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Spišská Nová Ves	Start: 07-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Trebišov	Start: 07-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Trnava	Start: 07-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Zvolen	Start: 07-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Banská Bystrica	Start: 24-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nové Mesto nad Váhom	Start: 24-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Žilina	Start: 28-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Amtel Slovensko, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Košice	Start: 12-07-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	ORANET, s.r.o.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Dolný Kubín	Start: 27-07-2017 Expiry: 31-12-2024	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Tradeable	
	Slovanet, a. s.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Hranovnica	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nitra	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Prešov	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovak Telekom, a.s.	3600 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Bratislava	Start: 19-07-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3600 - 3620 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr.	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3620 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Lužianky	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3620 - 3640 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Chmiňany	Start: 06-07-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	SWAN, a.s.	3640 - 3720 MHz	MFCN	LTE, NR	National Coverage	Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3720 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Bratislava	Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3720 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Rohožník	Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3720 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Slovenský Grob	Start: 03-12-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3720 - 3760 MHz	MFCN	LTE NR	National Coverage	Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3720 - 3760 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Malé Kozmálovce	Start: 02-01-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3740 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Plavecký Štvrtok	Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3740 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Poltár	Start: 27-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	O2 Slovakia, s.r.o.	3740 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Budmerice	Start: 03-12-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3740 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Častá	Start: 03-12-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Bobrov	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Breza	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Dolný Kubín	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Hruštín	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Likavka	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Lokca	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Oravská Polhora	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Rabča	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Ružomberok	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Sihelné	Expiry: 31-12-2024 Tradeable	transfer of rights
	E-MAX INTERNET & IT s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Trebišov	Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Vyšná Kamenica	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Fintice	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Galanta	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Sobrance	Start: 09-05-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Zlaté Moravce	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	OravaNet, Slovakia, spol. s r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Tvrdošín	Start: 28-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Malacky	Start: 26-09-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Košice	Start: 04-01-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Levice	Start: 15-01-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Senec	Start: 15-01-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Prvá internetová, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Vyšné Ružbachy	Start: 15-05-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	RUPKKI s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Hrabušice	Start: 21-05-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	HMZ RÁDIOKOMUNIKÁCIE, spol. s r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Kysucké Nové Mesto	Start: 28-05-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	E-MAX INTERNET & IT s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Brehov	Start: 05-06-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	E-MAX INTERNET & IT s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Sečovce	Start: 05-06-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	HMZ RÁDIOKOMUNIKÁCIE, spol. s r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Bytča	Start: 04-07-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nižný Lánec	Start: 06-07-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Prvá internetová, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Podolíneč	Start: 06-07-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Prvá internetová, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Kamienka	Start: 09-08-2018 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 Mýtne Ludany	Start: 04-09-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Topoľčany	Start: 04-09-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Piešťany	Start: 10-06-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Šamorín	Start: 10-06-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Slovenské Ďarmoty	Start: 21-06-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nové Zámky	Start: 26-11-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Partizánske	Start: 26-11-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Proč	Start: 26-11-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Petrova Ves	Start: 03-12-2019 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: 03-12-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nitra	Start: 04-02-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Dunajská Streda	Start: 31-03-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Tešedíkovo	Start: 31-03-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	O2 Slovakia, s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Kysak	Start: 02-04-2020 Expiry: 31-12-2024 Tradeable	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	RUPKKI s.r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Spišská Nová Ves	Start: 02-07-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	HMZ RÁDIOKOMUNIKÁCIE, spol. s r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Stará Bystrica	Start: 28-09-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	HMZ RÁDIOKOMUNIKÁCIE, spol. s r.o.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Súľov-Hradná	Start: 28-09-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Dubodiel	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Liptovský Mikuláš	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Trnava	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz (DL) 3760 - 3800 MHz (UL)	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Michalovce	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz (DL) 3760 - 3800 MHz (UL)	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Komárno	Start: 23-08-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3800 MHz (DL) 3760 - 3800 MHz (UL)	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Vranov nad Topľou	Start: 23-08-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz (DL) 3760 - 3800 MHz (UL)	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Rimavská Sobota	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3785 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Žiar nad Hronom	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Martin	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr.	Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr.	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Galanta	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Bardejov	Start: 06-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Slovanet, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Humenné	Start: 06-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Prvá internetová, s.r.o.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nová Ľubovňa	Start: 03-11-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Dunajská Lužná	Start: 15-01-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	RUPKKI s.r.o.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Jamník	Start: 03-06-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Ovčiarsko	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3760 - 3780 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Stredné Plachtince	Start: 06-07-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	HMZ RÁDIOKOMUNIKÁCIE, spol. s r.o.	3765 - 3795 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Čadca	Start: 21-07-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	PEGO Slovakia, s.r.o.	3765 - 3795 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Domaniža	Start: 03-04-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3785 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Zvolen	Start: 20-04-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3785 MHz (DL) 3765 - 3785 MHz (UL)	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Brezno	Start: 23-08-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Sabinov	Start: 06-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Levoča	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Medzilaborce	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Myjava	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Rožňava	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Turčianske Teplice	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Žarnovica	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Bánovce nad Bebravou	Start: 18-07-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Bojnice	Start: 13-11-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3765 - 3775 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Hlohovec	Start: 15-01-2018 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3775 - 3785 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Detva	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3775 - 3785 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Krupina	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3775 - 3785 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Snina	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3775 - 3785 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Svidník	Start: 26-06-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	DSI DATA, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Námestovo	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Dolný Pial	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Ruská Nová Ves	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Vislava	Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Poprad	Start: 18-07-2017 Expiry: 31-12-2024 Tradeable	transfer of rights








	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Bardejov	Start: 21-06-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Závadka	Start: 21-06-2019 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Humenné	Start: 04-02-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Sereď	Start: 04-02-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	HMZ RÁDIOKOMUNIKÁCIE, spol. s r.o.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Čadca	Start: 28-09-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Tomášikovo	Start: 02-12-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Trstice	Start: 02-12-2020 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Nové Mesto nad Váhom	Start: 04-02-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3780 - 3800 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Brezno	Start: 06-07-2021 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3785 - 3795 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Beluša	Start: 27-09-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3785 - 3795 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Lučenec	Start: 13-11-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3785 - 3795 MHz	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage Revúca	Start: 13-11-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3785 - 3795 MHz (DL) 3785 - 3795 MHz (UL)	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Kežmarok	Start: 23-08-2017 Expiry: 31-12-2024 Tradeable	transfer of rights
	Slovanet, a. s.	3785 - 3795 MHz (DL) 3785 - 3795 MHz (UL)	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Senica	Start: 31-08-2017 Expiry: 31-12-2024 Tradeable	transfer of rights

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Slovanet, a. s.	3785 - 3795 MHz (DL) 3785 - 3795 MHz (UL)	MFCN	LTE, WiMAX, FWA (TDD)	Regional/local coverage okr. Zvolen	Start: 31-08-2017 Expiry: 31-12-2024 Tradeable	transfer of rights

## Slovenia (2022)




## 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
	TELEKOM SLOVENIJE, d.d.	738 - 753 MHz (DL) 0 - 0 Hz (UL)	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BB01
	TELEKOM SLOVENIJE, d.d.	758 - 768 MHz (DL) 703 - 713 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BA01, BA02
	Telemach, širokopasovne komunikacije, d.o.o.	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BA03, BA04
	A1 Slovenija, d.d.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BA05, BA06
	BeelN, d.o.o.	788 - 791 MHz (DL) 733 - 736 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 31-03-2021 Expiry: 31-03-2036 Tradeable	




## 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	Neutral	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	Neutral	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	Neutral	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	Neutral	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	Neutral	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	Neutral	National Coverage	Start: 04-01-2016 Expiry: 04-01-2031 Tradeable	


**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
	TELEKOM SLOVENIJE, d.d.	1427 - 1452 MHz	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BC21, BC22


**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
	Telemach, širokopasovne komunikacije, d.o.o.	1452 - 1472 MHz	TRA-ECS	Neutral	National Coverage	Expiry: 15-06-2036 Tradeable	BC11, BC12





**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
	A1 Slovenija, d.d.	1472 - 1517 MHz	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BC13, 14, 23, 24







**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	Neutral	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	Neutral	National Coverage	Start: 06-09-2004 Expiry: 04-01-2031 Tradeable	
	Telemach, komunikacije, d.o.o. širokopasovne	1860 - 1870 MHz (DL) 1765 - 1775 MHz (UL)	TRA-ECS	Neutral	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	Neutral	National Coverage	Start: 31-08-2016 Expiry: 04-01-2031 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: 22-09-2021 Expiry: 22-09-2036 Tradeable	BD01-BD03
	Telemach, komunikacije, d.o.o. širokopasovne	2125 - 2140 MHz (DL) 1935 - 1950 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 22-09-2021 Expiry: 22-09-2036 Tradeable	BD04, BD06
	T-2 d.o.o.	2140 - 2145 MHz (DL) 1950 - 1955 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 09-11-2021 Expiry: 08-04-2023 Tradeable	
	TELEKOM SLOVENIJE, d.d.	2140 - 2145 MHz (DL) 1950 - 1955 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 09-04-2023 Expiry: 22-04-2036 Tradeable	BD07
	TELEKOM SLOVENIJE, d.d.	2145 - 2160 MHz (DL) 1955 - 1970 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 22-09-2021 Expiry: 22-09-2036 Tradeable	BD08-BD10
	T-2 d.o.o.	2160 - 2170 MHz (DL) 1970 - 1980 MHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 22-09-2021 Expiry: 22-09-2036 Tradeable	BD11, BD12



**2300 MHz - 2400 MHz Mobile Band**

2300 MHz - 2400 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	not yet assigned	2300 - 2320 MHz	MFCN	Neutral	Regional/local coverage Local coverage	Tradeable	
	T-2 d.o.o.	2320 - 2360 MHz	MFCN	Neutral	National Coverage	Start: 01-01-2022 Expiry: 01-01-2037 Tradeable	BE01-BE04
	Telemach, širokopasovne komunikacije, d.o.o.	2360 - 2390 MHz	MFCN	Neutral	National Coverage	Start: 01-01-2022 Expiry: 01-01-2037 Tradeable	BE05-BE07
	not yet assigned	2390 - 2400 MHz	MFCN	Neutral	Regional/local coverage Local coverage	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	




**3400-3800 MHz Mobile Band**

3400 MHz - 3800 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	not yet assigned	3400 - 3420 MHz	TRA-ECS	Neutral	Regional/local coverage Local coverage	Tradeable	
	TELEKOM SLOVENIJE, d.d.	3420 - 3560 MHz	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BF01-BF14
	Telemach, širokopasovne komunikacije, d.o.o.	3560 - 3700 MHz	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BF15-BF28
	A1 Slovenija, d.d.	3700 - 3800 MHz	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BF28-BF38

### 26 GHz Mobile Band





#### 24.25 GHz - 27.50 GHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	A1 Slovenija, d.d.	26.7 - 27.1 GHz (DL) 26.5 - 26.7 GHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BG02, BG03
	Telemach, širokopasovne komunikacije, d.o.o.	26.5 - 26.7 GHz	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BG01
	TELEKOM SLOVENIJE, d.d.	27.1 - 27.5 GHz (DL) 27.1 - 27.5 GHz (UL)	TRA-ECS	Neutral	National Coverage	Start: 15-06-2021 Expiry: 15-06-2036 Tradeable	BG04, BG05

Spain (2023)







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
	ORANGE SPAGNE, S.A.U.	758 - 763 MHz (DL) 703 - 708 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 01-12-2021 Expiry: 01-12-2041	
	ORANGE ESPAGNE, S.A.U.	763 - 768 MHz (DL) 708 - 713 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 01-12-2021 Expiry: 01-12-2041	
	VODAFONE ESPAÑA, S.A.	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 01-12-2021 Expiry: 01-12-2041	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	778 - 788 MHz (DL) 723 - 733 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 01-12-2021 Expiry: 01-12-2041	

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 - 796 MHz (DL) 832 - 837 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 01-04-2015 Expiry: 25-04-2031 Tradeable	
	ORANGE ESPAGNE, S.A.U.	796 - 801 MHz (DL) 832 - 837 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 01-04-2015 Expiry: 25-04-2031 Tradeable	
	VODAFONE ESPAÑA, S.A.U.	801 - 806 MHz (DL) 842 - 847 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 01-04-2015 Expiry: 25-04-2031 Tradeable	
	VODAFONE ESPAÑA, S.A.U.	806 - 811 MHz (DL) 847 - 852 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 01-04-2015 Expiry: 25-04-2031 Tradeable	
	Telefónica Móviles España, S.A.U.	811 - 816 MHz (DL) 852 - 857 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 01-04-2015 Expiry: 25-04-2031 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	816 - 821 MHz (DL) 857 - 862 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 01-04-2015 Expiry: 25-04-2031 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 SPAGNE, SAU	925.1 - 930.1 MHz (DL) 880.1 - 885.1 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 07-07-2005 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: 03-02-1995 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: 03-02-1995 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: 03-02-1995 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: 15-06-2011 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: 15-06-2011 Expiry: 31-12-2030 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	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: 15-06-2011 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: 18-04-2030 Tradeable	
	VODAFONE ESPAÑA, S.A.	1905 - 1910 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 19-04-2000 Expiry: 18-04-2030 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	1910 - 1915 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 19-04-2000 Expiry: 18-04-2030 Tradeable	
	XFERA MOVILES SA	1915 - 1920 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 19-04-2000 Expiry: 18-04-2030 Tradeable	

**2 GHz Mobile Band**





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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	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: 18-04-2030 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: 18-04-2030 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: 18-04-2030 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: 18-04-2030	

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
 TELEFONICA MOVILES ESPAÑA, S.A.U.	2620 - 2630 MHz (DL) 2500 - 2510 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 10-10-2011 Expiry: 31-12-2030 Tradeable	
 TELEFONICA MOVILES ESPAÑA, S.A.U.	2630 - 2640 MHz (DL) 2510 - 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 - 2650 MHz (DL) 2520 - 2530 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.	2650 - 2660 MHz (DL) 2530 - 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 - 2665 MHz (DL) 2540 - 2545 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 10-10-2011 Expiry: 31-12-2030 Tradeable	
 VODAFONE ESPAÑA, S.A.	2665 - 2670 MHz (DL) 2545 - 2550 MHz (UL)	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 10-10-2011 Expiry: 31-12-2030 Tradeable	
 VODAFONE ESPAÑA, S.A.	2670 - 2675 MHz (DL) 2550 - 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 ANDALUCIA	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	
 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	







	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 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	
	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	











	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 MELILLA	Start: 10-10-2011 Expiry: 31-12-2030 Tradeable	
	XFERA MOVILES, 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	
	XFERA MOVILES, 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	
	XFERA MOVILES, S.A.	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: 20-05-2016 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: 20-05-2016 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: 20-05-2016 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: 20-05-2016 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: 20-05-2016 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 CANTABRIA	Start: 20-05-2016 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 CATALUÑA	Start: 20-05-2016 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: 20-05-2016 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: 20-05-2016 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: 20-05-2016 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: 20-05-2016 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: 20-05-2016 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 - 2585 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 20-12-2011 Expiry: 31-12-2030 Tradeable	
	VODAFONE ESPAÑA, S.A.	2585 - 2595 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 20-12-2011 Expiry: 31-12-2030 Tradeable	
	CONSORCIO TELECOMUNICACIONES AVANZADAS, SA	DE 2595 - 2605 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	Regional/local coverage MURCIA	Start: 20-12-2011 Expiry: 31-12-2030 Tradeable	
	XFERA MOVILES, 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	
	XFERA MOVILES, S.A.	2595 - 2605 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	Regional/local coverage GALICIA	Start: 20-12-2011 Expiry: 31-12-2030 Tradeable	
	XFERA MOVILES, 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	

	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	
	AIRE NETWORKS MEDITERRANEO, S.L.U	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 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 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	
	CEUTA 2020 TELECOM S.L.	2595 - 2605 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	Regional/local coverage CEUTA	Start: 30-07-2014 Expiry: 31-12-2030 Tradeable	
	XFERA MOVILES, 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	
	XFERA MOVILES, 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	
	XFERA MOVILES, 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	
	XFERA MOVILES SA	2595 - 2605 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	Regional/local coverage MADRID	Start: 30-07-2014 Expiry: 31-12-2030 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	2605 - 2615 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE)	National Coverage	Start: 20-12-2011 Expiry: 31-12-2030 Tradeable	



**3400-3800 MHz Mobile Band**


3400 MHz - 3800 MHz



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	XFERA MOVILES, S.A.	3420 - 3460 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 19-04-2000 Expiry: 18-04-2030 Tradeable	
	XFERA MOVILES, S.A.	3460 - 3500 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 19-04-2000 Expiry: 18-04-2030 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3500 - 3540 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 19-04-2000 Expiry: 18-04-2030 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3540 - 3545 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3545 - 3550 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3550 - 3555 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3555 - 3560 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3560 - 3565 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3565 - 3570 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3570 - 3575 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3575 - 3580 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3580 - 3585 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3585 - 3590 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	TELEFONICA MOVILES ESPAÑA, S.A.U.	3590 - 3600 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 14-05-2021 Expiry: 04-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3600 - 3640 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 20-05-2016 Expiry: 31-12-2030 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3640 - 3645 MHz	TRA-ECS	Technology neutral (GSM/UMTS/LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	



	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	ORANGE ESPAGNE, S.A.U.	3645 - 3650 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3650 - 3655 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3655 - 3660 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3660 - 3665 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3665 - 3670 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3670 - 3675 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3675 - 3680 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3680 - 3685 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3685 - 3690 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3690 - 3695 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3695 - 3700 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	ORANGE ESPAGNE, S.A.U.	3700 - 3710 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 14-05-2021 Expiry: 04-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3710 - 3715 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3715 - 3720 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	






	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	VODAFONE ESPAÑA, S.A.	3720 - 3725 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3725 - 3730 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3730 - 3735 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3735 - 3740 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3740 - 3745 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3745 - 3750 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3750 - 3755 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3755 - 3760 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3760 - 3765 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3765 - 3770 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3770 - 3775 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3775 - 3780 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3780 - 3785 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3785 - 3790 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	VODAFONE ESPAÑA, S.A.	3790 - 3795 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	
	VODAFONE ESPAÑA, S.A.	3795 - 3800 MHz	TRA-ECS	Technology neutral (GSM/UMTS/ LTE/5G)	National Coverage	Start: 07-12-2018 Expiry: 06-12-2038 Tradeable	

## Sweden (2021)





## 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	





**2300 MHz - 2400 MHz Mobile Band**

2300 MHz - 2400 MHz

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Teracom AB	2300 - 2380 MHz	MFCN		National Coverage	Start: 20-01-2021 Expiry: 31-12-2045 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	

**3400-3800 MHz Mobile Band**

3400 MHz - 3800 MHz





	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	HI3G ACCESS AB	3400 - 3500 MHz	MFCN		National Coverage	Start: 20-01-2021 Expiry: 31-12-2045 Tradeable	
	Several regional based licences assigned for local operators	3510 - 3538 MHz (DL) 3410 - 3438 MHz (UL)	TRA-ECS			Expiry: 31-03-2023 Tradeable	
	Telia Sverige AB	3500 - 3620 MHz	MFCN		National Coverage	Start: 20-01-2021 Expiry: 31-12-2045 Tradeable	
	Net 4Mobility HB	3620 - 3720 MHz	MFCN		National Coverage	Start: 20-01-2021 Expiry: 31-12-2045 Tradeable	



Switzerland (2022)




**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
	Salt Mobile SA	758 - 768 MHz (DL) 703 - 713 MHz (UL)	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Sunrise Communications AG	768 - 773 MHz (DL) 713 - 718 MHz (UL)	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Swisscom (Schweiz) AG	773 - 788 MHz (DL) 718 - 733 MHz (UL)	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Sunrise Communications AG	743 - 753 MHz	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,




**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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Swisscom (Schweiz) AG	801 - 811 MHz (DL) 842 - 852 MHz (UL)	MFCN		National Coverage	Start: 06-07-2012 Expiry: 31-12-2028	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Salt Mobile SA	811 - 821 MHz (DL) 852 - 862 MHz (UL)	MFCN		National Coverage	Start: 06-07-2012 Expiry: 31-12-2028	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> , 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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> , 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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,



**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
	Salt Mobile SA	1442 - 1452 MHz	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,


**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
	Sunrise Communications AG	1452 - 1467 MHz	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Swisscom (Schweiz) AG	1467 - 1517 MHz	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,




**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
	Swisscom (Schweiz) AG	1467 - 1517 MHz	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,




**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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> , 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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,




**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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> , 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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Swisscom (Schweiz) AG	2645 - 2665 MHz (DL) 2525 - 2545 MHz (UL)	MFCN		National Coverage	Start: 06-07-2012 Expiry: 31-12-2028	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Salt Mobile SA	2665 - 2685 MHz (DL) 2545 - 2565 MHz (UL)	MFCN		National Coverage	Start: 06-07-2012 Expiry: 31-12-2028	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> , 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	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,

3400-3800 MHz Mobile Band

3400 MHz - 3800 MHz




	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Salt Mobile SA	3500 - 3580 MHz	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Swisscom (Schweiz) AG	3580 - 3700 MHz	MFCN		National Coverage	Start: 01-03-2019 Expiry: 28-02-2035	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,
	Sunrise Communications AG	3700 - 3800 MHz	MFCN		National Coverage	Start: 01-03-2019	<a href="http://s.geo.admin.ch/5bbd3c600">http://s.geo.admin.ch/5bbd3c600</a> ,

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
						Expiry: 28-02-2035	

## Türkiye (2022)







## 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 (2019)




**900 MHz Mobile Band**

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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	PJSC "Kyivstar"	933 - 960 MHz (DL) 888 - 915 MHz (UL)	GSM	GSM-900/E-GSM	National Coverage	Start: 31-12-2018 Expiry: 16-10-2030	Channels are distributed amongst operators region-by-region
	LLC "lifecell"	935 - 960 MHz (DL) 890 - 915 MHz (UL)	GSM	GSM-900	National Coverage	Start: 31-12-2018 Expiry: 19-10-2023	Channels are distributed amongst operators region-by-region
	PJSC "VF Ukraine"	935 - 960 MHz (DL) 890 - 915 MHz (UL)	GSM	GSM-900	National Coverage	Start: 31-12-2018 Expiry: 30-09-2030	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
	PJSC "Kyivstar"	1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL)	GSM	GSM-1800/LTE	National Coverage	Start: 31-12-2018 Expiry: 01-07-2033	
	PJSC "VF Ukraine"	1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL)	GSM	GSM-1800/LTE	National Coverage	Start: 31-12-2018 Expiry: 01-07-2033	
	LLC "lifecell"	1805 - 1880 MHz (DL) 1710 - 1785 MHz (UL)	GSM	GSM-1800/LTE	National Coverage	Start: 31-12-2018 Expiry: 01-07-2033	

**2 GHz Mobile Band**





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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	LLC "lifecell"	2110 - 2170 MHz (DL) 1920 - 1980 MHz (UL)	IMT	IMT-2000 (UMTS)	National Coverage	Start: 31-12-2018 Expiry: 18-03-2030	
	PJSC "VF Ukraine"	2110 - 2170 MHz (DL) 1920 - 1980 MHz (UL)	IMT	IMT-2000 (UMTS)	National Coverage	Start: 31-12-2018 Expiry: 23-03-2030	
	PJSC "Kyivstar"	2110 - 2170 MHz (DL) 1920 - 1980 MHz (UL)	IMT	IMT-2000 (UMTS)	National Coverage	Start: 31-12-2018 Expiry: 31-03-2030	
	TriMob LLC	2110 - 2170 MHz (DL) 1920 - 1980 MHz (UL)	IMT	IMT-2000 (UMTS)	National Coverage	Start: 31-12-2018 Expiry: 14-12-2030	



**2.6 GHz Mobile Band**


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

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	PJSC	2630 - 2640 MHz (DL) 2510 - 2520 MHz (UL)	IMT	LTE	National Coverage	Start: 31-12-2018 Expiry: 06-03-2033	
	PJSC "Kyivstar"	2640 - 2655 MHz (DL) 2520 - 2535 MHz (UL)	IMT	LTE	National Coverage	Start: 31-12-2018 Expiry: 06-03-2033	
	LLC "lifecell"	2655 - 2665 MHz (DL) 2535 - 2545 MHz (UL)	IMT	LTE	National Coverage	Start: 31-12-2018 Expiry: 06-03-2033	
	LLC "lifecell"	2685 - 2690 MHz (DL) 2565 - 2570 MHz (UL)	IMT	LTE	National Coverage	Start: 31-12-2018 Expiry: 06-03-2033	

United Kingdom (2021)





**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
	TELEFONICA UK LIMITED	758 - 768 MHz (DL) 703 - 713 MHz (UL)	TRA-ECS		National Coverage	Start: 18-05-2021 Expiry: 01-01-2099 Tradeable	
	Hutchison 3G UK Limited	768 - 778 MHz (DL) 713 - 723 MHz (UL)	TRA-ECS		National Coverage	Start: 18-05-2021 Expiry: 01-01-2099 Tradeable	
	EE Limited	778 - 788 MHz (DL) 723 - 733 MHz (UL)	TRA-ECS		National Coverage	Start: 18-05-2021 Expiry: 01-01-2099 Tradeable	
	Entertainment Television Limited	758 - 766 MHz	TRA-ECS		Regional/local coverage Manchester	Start: 23-08-2012 Expiry: 05-02-2099 Tradeable	





**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
	TELEFONICA 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 - 947.5 MHz (DL) 890.1 - 902.5 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	947.5 - 959.9 MHz (DL) 902.5 - 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 Limited	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	No expiry date

	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
	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
	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
	EE Limited	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
	TELEFONICA UK LIMITED	2595 - 2620 MHz	TRA-ECS		National Coverage	Start: 22-04-2013 Expiry: 01-01-2099 Tradeable	No expiry date. Traded from BT in 2020.

**3400-3800 MHz Mobile Band**

3400 MHz - 3800 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
	UK Broadband Limited	3480 - 3500 MHz	TRA-ECS		National Coverage	Start: 25-06-2019 Expiry: 01-01-2099 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	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
	UK Broadband Limited	3580 - 3600 MHz	TRA-ECS		National Coverage	Start: 25-06-2019 Expiry: 01-01-2099 Tradeable	
	UK Broadband Limited	3600 - 3680 MHz	TRA-ECS		National Coverage	Start: 25-06-2019 Expiry: 01-01-2099 Tradeable	
	EE Limited	3680 - 3720 MHz	TRA-ECS		National Coverage	Start: 18-05-2021 Expiry: 01-01-2099 Tradeable	
	Vodafone Limited	3720 - 3760 MHz	TRA-ECS		National Coverage	Start: 18-05-2021 Expiry: 01-01-2099 Tradeable	
	TELEFONICA UK LIMITED	3760 - 3800 MHz	TRA-ECS		National Coverage	Start: 18-05-2021 Expiry: 01-01-2099 Tradeable	