



European Communications Office (ECO)



**ECO REPORT 04**  
**FIXED SERVICE IN EUROPE**  
**IMPLEMENTATION STATUS**  
**31 MAY 2024**

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**EXECUTIVE SUMMARY**

The Fixed Service (FS) is and remains a key service for telecommunication infrastructure development. Since 1997, the CEPT has provided public information to present a picture of the FS deployment in Europe with the intention to use it as a reference and for guidance purposes for administrations, operators and manufacturers. ECC Report 173 [link](#) includes the quantitative information on FS usage in Europe and has to be seen in combination with this Report to get a concise overview on FS usage in various frequency bands over Europe for FS related spectrum inventory purposes.

Annex 2 of the present Report provides the National implementation information for the FS channel arrangements covered by ECC/ERC Recommendations and Annex 3 provides related National restrictions.

| Number                    | ERC/ECC Recommendation   |
|---------------------------|--|
| Recommendation T/R 13-01  | Preferred Channel Arrangements for Fixed Service Systems Operating in the Frequency Range 1 - 2.3 GHz  |
| ERC Recommendation 12-08  | Harmonised Radio Frequency Channel Arrangements and Block Allocations for Low, Medium and High Capacity Systems in the band 3600-4200 MHz  |
| ECC Recommendation (06)04 | Use of the Band 5725-5875 MHz for Broadband Fixed Wireless Access (BFWA)   |
| ERC Recommendation 14-01  | Radio-frequency channel arrangements for high capacity analogue and digital radio-relay systems operating in the band 5925 to 6425 MHz   |
| ECC Recommendation (14)06 | Implementation of Fixed Service Point-to-Point narrow channels (3.5 MHz, 1.75 MHz, 0.5 MHz, 0.25 MHz, 0.025 MHz) in the guard bands and center gaps of the lower 6 GHz (5925 to 6425 MHz) and upper 6 GHz (6425 to 7125 MHz) bands |
| ERC Recommendation 14-02  | Channel Arrangements for High, Medium and Low Capacity Digital FS Systems Operating in the Band 6425-7125 MHz  |
| ECC Recommendation (02)06 | Channel Arrangements for Digital Fixed Service Systems Operating in the Frequency Range 7125-8500 MHz  |
| ERC Recommendation 12-05  | Harmonised Radio Frequency Channel Arrangements for Digital FS in the Band 10.0 - 10.68 GHz  |
| ERC Recommendation 12-06  | Preferred Channel Arrangements for the FS operating in the Frequency Band 10.7 - 11.7 GHz  |
| ERC Recommendation 12-02  | Harmonised Radio Frequency Channel Arrangements for Analogue and Digital FS in the Band 12.75 GHz to 13.25 GHz   |
| ERC Recommendation 12-07  | Harmonised Frequency Channel Arrangements in the bands 14.5 - 14.62 GHz paired with 15.23 - 15.35 GHz  |
| ERC Recommendation 12-03  | Harmonised Radio Frequency Channel Arrangements for Digital Terrestrial Fixed Systems Operating in the Band 17.7 - 19.7 GHz  |
| Recommendation T/R 13-02  | Preferred Channel Arrangements for the FS operating in the Frequency Band 22.0 to 29.5 GHz   |
| ECC Recommendation (02)02 | Preferred Channel Arrangements for Fixed Service Systems (Point-to-Point and Point-to-Multipoint) Operating in the Frequency Band 31.0 - 31.3 GHz  |
| ERC Recommendation (01)02 | Preferred Channel Arrangements in the frequency band 31.8 - 33.4 GHz   |
| Recommendation T/R 12-01  | Preferred Channel Arrangements in the frequency range 37.0 - 39.5 GHz  |
| ECC Recommendation (01)04 | Recommended guidelines for the accommodation and assignment of multimedia wireless systems (MWS) and point-to-point (P-P) fixed wireless systems in the frequency band 40.5 - 43.5 GHz   |
| ERC Recommendation 12-11  | Radio Frequency Channel Arrangement for Fixed Service Systems Operating in the Bands 48.5 - 50.2 GHz and 50.9 - 52.6 GHz   |

| Number                    | ERC/ECC Recommendation  |
|---------------------------|---|
| ERC Recommendation 12-12  | Radio Frequency Channel Arrangement for FS operating in the band 55.78 - 57.0 GHz   |
| ECC Recommendation (05)07 | Radio frequency channel arrangements for the FS operating in the bands 71-76 GHz and 81-86 GHz  |
| ECC Recommendation (14)01 | Radio Frequency Channel Arrangements for Fixed Service Systems Operating in the Band 92-95 GHz  |
| ECC Recommendation (18)01 | Radio frequency channel/block arrangements for Fixed Service systems operating in the bands 130-134 GHz, 141-148.5 GHz, 151.5-164 GHz and 167-174.8 GHz |
| ECC Recommendation (18)02 | Radio frequency channel/block arrangements for Fixed Service systems operating in the bands 92-94 GHz, 94.1-100 GHz, 102-109.5 GHz and 111.8-114.25 GHz |

ANNEX 1: contains the list of relevant ECC/ERC Decisions, Recommendations, Reports, ETSI harmonised European standards, and guidance/ template information about fixed service related radio Interface specifications

ANNEX 2: contains the National implementation information

ANNEX 3: contains the National restriction

**Implementation status:**

| Symbol | Status                     |
|--------|----------------------------|
| *      | No info (default value)    |
| NP     | National Plan              |
| NFS    | FS not planned             |
| P      | Planned                    |
| L      | Limited implementation     |
| Y      | Implemented                |
| Y1     | Link by link assignment    |
| Y2     | Light license registration |
| Y3     | Block assignment           |
| Y4     | License-exempt             |
| R      | Refarming                  |
| UST    | Under study                |
| NCY    | Not considered yet         |

**LIST OF ABBREVIATIONS**

| <b>Abbreviation</b> | <b>Explanation</b>   |
|---------------------|--|
| ATPC                | Automatic Transmit Power Control                                     |
| BBDR                | Broad Band Disaster Relief   |
| BFWA                | Broadband Fixed Wireless Access                                      |
| BWA                 | Broadband Wireless Access  |
| CEPT                | European Conference of Postal and Telecommunications Administrations |
| CS                  | Channel Separations  |
| ECA                 | European Common Allocation   |
| ECC                 | Electronic Communications Committee                                  |
| EESS                | Earth Exploration-Satellite Service                                  |
| ERC                 | European Radio-communications Committee                              |
| e.i.r.p.            | equivalent isotropically radiated power                              |
| ENG                 | Electronic News Gathering  |
| EN                  | Harmonised European Standard   |
| ETSI                | European Telecommunications Standards Institute                      |
| FDD                 | Frequency Division Duplex  |
| FS                  | Fixed Service  |
| FSS                 | Fixed Service Systems  |
| FWA                 | Fixed Wireless Access  |
| FWS                 | Fixed Wireless Systems   |
| IMT                 | International Mobile Telecommunications                              |
| ITS                 | Intelligent Transport Systems  |
| ITU                 | International Telecommunication Union                                |
| LoS                 | Line of Sight  |
| MFCN                | Mobile/Fixed Communications Networks                                 |
| MGWS                | Multiple Gigabit Wireless Systems                                    |
| MIMO                | Multiple Input - Multiple Output                                     |
| MP                  | Multipoint   |
| MS                  | Mobile Service   |
| MWS                 | Multimedia Wireless System   |
| OB                  | Outside Broadcasting   |
| P - M               | Point-to-Multipoint  |
| P - P               | Point-to-Point   |
| RAS                 | Radio Astronomy Service  |
| RLAN                | Radio Local Area Network System                                      |
| RR                  | Radio Regulations  |
| SRR                 | Short Range Radar  |
| TDD                 | Time Division Duplex   |
| TRR                 | Tactical Radio Relays  |
| UMTS                | Universal Mobile Telecommunications System                           |
|                     |  |

**COUNTRY CODES**

Country Codes can be found at [link](#).

**Table 1 : List of Country Codes**

| Code | Country                | Code | Country         |
|------|------------------------|------|-----------------|
| ALB  | Albania                | LTU  | Lithuania       |
| AND  | Andorra                | LUX  | Luxembourg      |
| AUT  | Austria                | MKD  | North Macedonia |
| AZE  | Azerbaijan             | MLT  | Malta           |
| BEL  | Belgium                | MDA  | Moldova         |
| BIH  | Bosnia and Herzegovina | MCO  | Monaco          |
| BUL  | Bulgaria               | MNE  | Montenegro      |
| HRV  | Croatia                | HOL  | Netherlands     |
| CZE  | Czech Republic         | NOR  | Norway          |
| CYP  | Cyprus                 | POL  | Poland          |
| DNK  | Denmark                | POR  | Portugal        |
| EST  | Estonia                | ROU  | Romania         |
| FIN  | Finland                | SMR  | San Marino      |
| F    | France                 | SRB  | Serbia          |
| GEO  | Georgia                | SVK  | Slovak Republic |
| D    | Germany                | SVN  | Slovenia        |
| GRC  | Greece                 | E    | Spain           |
| HNG  | Hungary                | S    | Sweden          |
| ISL  | Iceland                | SUI  | Switzerland     |
| IRL  | Ireland                | TUR  | Türkiye         |
| I    | Italy                  | UKR  | Ukraine         |
| LVA  | Latvia                 | G    | United Kingdom  |
| LIE  | Liechtenstein          | CVA  | Vatican City    |

**ANNEX 1: LIST OF RELEVANT ECC/ERC DECISIONS, RECOMMENDATIONS, REPORTS, AND RIS TEMPLATE GUIDELINES FOR THE FIXED SERVICE****Table 2 : List of ECC/ERC Recommendations and corresponding ITU-R Recommendations related to FS**

For the Fixed Service, the following terminology is defined and used in ECC Decision (01)03, annex 2:

| Name (GHz) | Frequency bands (MHz)                          | ECC Recommendation   | ITU-R Recommendations        |
|------------|--|--|------------------------------|
| 1.4        | 1350-1375 MHz and 1492-1517 MHz                | T/R 13-01 (Annex A) (Channel arrangements)                                 | ITU-R F.701 and ITU-R F.1242 |
| 1.4        | 1375-1400 MHz and 1427-1452 MHz                | T/R 13-01 (Annex B) (Channel arrangements)                                 | ITU-R F.701 and ITU-R F.1242 |
| 2          | 2025-2110 MHz and 2200-2290 MHz                | T/R 13-01 (Annex C) (Channel arrangements)                                 | ITU-R F.1098                 |
| 4          | 3600-3900 MHz and 3900-4200 MHz                | ERC/REC 12-08 (Annex A) (Channel arrangements)                             | ITU-R F.635                  |
| 4          | 3800-4000 MHz and 4000-4200 MHz                | ERC/REC 12-08 (Annex B Part 1) (Channel arrangements)                      | ITU-R F.382                  |
| 4          | 3600-3800 MHz                                  | ERC/REC 12-08 (Annex B Part 2) (Channel arrangements and Block assignment) | ITU-R F.635 and ITU-R F.382  |
| 5          | 5725-5875 MHz                                  | ERC/REC/(06)04   | ITU-R F.1399                 |
| 6 L        | 5925-6425 MHz                                  | ERC/REC 14-01 (Channel arrangements)                                       | ITU-R F.383                  |
| 6 U        | 6425-7125 MHz                                  | ERC/REC 14-02 (Channel arrangements)                                       | ITU-R F.384                  |
| 6L, 6U     | 5925-6425 MHz and 6425-7125 MHz                | ECC/REC/(14)06 (Channel arrangements)                                      | ITU-R F.746                  |
| 7          | 7125-7425 MHz, 7425-7725 MHz and 7425-7900 MHz | ECC/REC/(02)06 (Channel arrangements)                                      | ITU-R F.385                  |

| Name (GHz) | Frequency bands (MHz)  | ECC Recommendation  | ITU-R Recommendations |
|------------|--|---|-----------------------|
| 8          | 7725-8275 MHz,<br>7900-8500 MHz<br>and 8275-8500<br>MHz                | ECC/REC/(02)06 (Channel arrangements)                           | ITU-R F.386           |
| 10         | 10000-10680<br>MHz   | ERC/REC 12-05 (Channel arrangements)                            | ITU-R F.747           |
| 11         | 10700-11700<br>MHz   | ERC/REC 12-06 (Channel arrangements)                            | ITU-R F.387           |
| 13         | 12750-13250<br>MHz   | ERC/REC 12-02 (Channel arrangements)                            | ITU-R F.497           |
| 15         | 14500-14620<br>MHz and<br>15230-15350<br>MHz                           | ERC/REC 12-07 (Channel arrangements)                            | ITU-R F.636           |
| 18         | 17700-18700<br>MHz   | ERC/REC 12-03 (Channel arrangements)                            | ITU-R F.595           |
| 23         | 22000-22600<br>MHz and<br>23000-23600<br>MHz,<br>22600-23600<br>MHz... | T/R 13-02 (Annex A) (Channel arrangements)                      | ITU-R F.637           |
| 26         | 24500-26500<br>MHz   | T/R 13-02 (Annex B) (Channel arrangements and Block assignment) | ITU-R F.748           |
| 28         | 27500-29500<br>MHz   | T/R 13-02 (Annex C) (Channel arrangements and Block assignment) | ITU-R F.748           |
| 31         | 31000-31300<br>MHz.  | ECC/REC/(02)02 (Channel arrangements)                           | ITU-R F.746           |
| 32         | 31800-33400<br>MHz   | ERC/REC/(01)02 (Channel arrangements and Block assignment)      | ITU-R F.1520          |
| 38         | 37000-39500<br>MHz   | T/R 12-01 (Channel arrangements)                                | ITU-R F.749           |



| Name (GHz) | Frequency bands (MHz)                | ECC Recommendation   | ITU-R Recommendations |
|------------|--------------------------------------|--|-----------------------|
| 42         | 40500-43500 MHz                      | ECC/REC/(01)04 (Channel arrangements and Block assignment) | ITU-R F.2005          |
| 50, 52     | 48500-50200 MHz and 50900-52600 MHz  | ERC/REC/(12)11 (Channel arrangements)                      | ITU-R F.1496          |
| 55         | 55780-57000 MHz                      | ERC/REC 12-12 (Channel arrangements)                       | ITU-R F.1497          |
| 65         | 64000-66000 MHz                      | ECC/REC/(05)02 (Use of band)                               | -                     |
| 70, 80     | 71000-76000 MHz and 81000-86000 MHz  | ECC/REC/(05)07 (Channel arrangements)                      | ITU-R F.2006          |
| 90         | 92000-94000 MHz and 94100-95000 MHz  | ECC/REC/(14)01 (Channel arrangements)                      | ITU-R F.2004          |
| 95         | 92000-94000 MHz and 94100-100000 MHz | ECC/REC/(18)02 (Channel arrangements)                      | -                     |
| 105        | 102000-109500 MHz                    | ECC/REC/(18)02 (Channel arrangements)                      | -                     |
| 113        | 111800-114250 MHz                    | ECC/REC/(18)02 (Channel arrangements)                      | -                     |
| 130        | 130000-134000 MHz                    | ECC/REC/(18)01 (Channel arrangements)                      | -                     |
| 145        | 141000-148500 MHz                    | ECC/REC/(18)01 (Channel arrangements)                      | -                     |
| 155        | 151500-164000 MHz                    | ECC/REC/(18)01 (Channel arrangements)                      | -                     |

| Name (GHz) | Frequency bands (MHz) | ECC Recommendation                    | ITU-R Recommendations |
|------------|-----------------------|---------------------------------------|-----------------------|
| 170        | 167000-174800 MHz     | ECC/REC/(18)01 (Channel arrangements) | -                     |

- Note 1: The former FS channel arrangement for the band 2 520-2590 MHz has been removed in 2010 from the Recommendation T/R13-01, as consequence of the ECC/DEC/(05)05, designating the band 2500-2690 MHz for IMT2000/UMTS use, and 2008/477/EC Decision, harmonising the same band for WAPECS applications

**Table 3 : List of ECC/ERC Decisions related to FS**

| Number         | Title  |
|----------------|--|
| ECC/DEC/(11)06 | Harmonized frequency arrangements for mobile/fixed communications network (MFCN) operating in the bands 3400-3600 MHz and 3600-3800 MHz  |
| ECC/DEC/(10)01 | Sharing Conditions in the 10.6-10.68 GHz Band between FS, MS and EESS.   |
| ECC/DEC/(07)02 | Availability of frequency bands between 3400-3800 MHz for the harmonised implementation of BWA   |
| ECC/DEC/(06)10 | Transitional arrangement for FS and TRR in 1980-2010/2170-2200 MHz   |
| ECC/DEC/(05)08 | High density applications in the Fixed-Satellite Service   |
| ECC/DEC/(05)01 | 27.5-29.5 GHz by the FS and uncoordinated Earth stations of the FSS  |
| ECC/DEC/(02)04 | Terrestrial (fixed service/broadcasting service) systems and uncoordinated Earth stations in the fixed satellite service and broadcasting-satellite service (space to Earth) in the band 40.5-42.5 GHz |
| ERC/DEC/(00)08 | Use of 10.7-12.5 GHz by the Fixed and Broadcasting-satellite/Fixed-satellite Service   |
| ERC/DEC/(00)07 | Shared use of 17.7-19.7 GHz for the Fixed and Fixed Satellite Service  |
| ERC/DEC/(00)02 | 37.5-40.5 GHz for Fixed and Fixed Satellite Service  |
| ERC/DEC/(99)15 | Harmonised frequency band 40.5-43.5 GHz for MWS including MWS and (P-P) FWS  |

**Table 4 : List of ECC/ERC Reports related to FS**

| Number         | Title  |
|----------------|--|
| ECC Report 351 | UWB radiodetermination applications within the frequency range 116 GHz to 148.5 GHz for vehicular use                              |
| ECC Report 344 | Sharing and compatibility studies of Security Scanners (SSCs) within frequency range 60-82 GHz                                     |
| ECC Report 342 | Microwave Point-to-Multipoint technologies based on active antennas for 5G backhaul above 27.5 GHz                                 |
| ECC Report 335 | Sensing mechanism for uncoordinated FSS Earth stations in 28 GHz to protect fixed service (Complementary Report to ECC Report 304) |
| ECC Report 320 | Band and Carrier Aggregation in fixed point-to-point systems   |

| Number         | Title  |
|----------------|--|
| ECC Report 319 | Sharing and compatibility implications of high capacity P-P systems using a single channel instead of two adjacent channels with the same total bandwidth                            |
| ECC Report 316 | Sharing studies assessing short-term interference from Wireless Access Systems including Radio Local Area Networks (WAS/RLAN) into Fixed Service in the frequency band 5925-6425 MHz |
| ECC Report 304 | Advanced technologies for fixed GSO FSS Earth Stations in the 27.5-29.5 GHz band   |
| ECC Report 303 | Guidance to administrations for Coexistence between 5G and Fixed Links in the 26 GHz band ("Toolbox")  |
| ECC Report 302 | Sharing and compatibility studies related to Wireless Access Systems including Radio Local Area Networks (WAS/RLAN) in the frequency band 5925-6425 MHz                              |
| ECC Report 288 | Conditions for the coexistence between Fixed Service and other envisaged outdoor uses/applications in the 57-66 GHz range  |
| ECC Report 282 | Point-to-Point Radio Links in the Frequency Ranges 92-114.25 GHz and 130-174.8 GHz   |
| ECC Report 260 | Description of methodologies to estimate the technical impact of Wind Turbines on Fixed Radio Links  |
| ECC Report 259 | Sharing and compatibility studies between Maritime Broadband Radio (MBR) in the 5850-5900 MHz frequency band and other systems   |
| ECC Report 258 | Guidelines on how to plan LoS MIMO for Point-to-Point Fixed Service Links  |
| ECC Report 254 | Operational guidelines for spectrum sharing to support the implementation of the current ECC framework in the 3600-3800 MHz range  |
| ECC Report 249 | Unwanted emissions of common radio systems: measurements and use in sharing/compatibility studies  |
| ECC Report 198 | Adaptive modulation and ATPC operations in fixed point-to-point systems - guideline on coordination procedures   |
| ECC Report 173 | Fixed Service in Europe - current use and future trends post 2016  |
| ECC Report 163 | The usage of the 7125-8500 MHz band within the CEPT for the elaboration of the revision of the ECC/REC/(02)06 from version 2002 to version 2011                                      |
| ECC Report 156 | HAPS and other services/systems in 5850-7075 MHz   |
| ECC Report 127 | The impact of receiver standards on spectrum management  |
| ECC Report 126 | Fixed-Mobile Convergence   |
| ECC Report 125 | Guidelines for impact assessment   |
| ECC Report 124 | Coexistence between Fixed Service operating in 71-76 / 81-86 GHz and the passive services  |
| ECC Report 114 | Compatibility studies between MGWS in frequency range 57-66 GHz and other services/systems (except ITS in 63-64 GHz)   |
| ECC Report 113 | Compatibility studies around 63 GHz between ITS and other systems  |
| ECC Report 109 | Aggregate impact from ITS, BBDR and BFWA in the 5725-5925 MHz band on the other services/systems   |
| ECC Report 100 | Compatibility between BWA in the band 3400- 3800 MHz and other services  |

| Number         | Title  |
|----------------|--|
| ECC Report 091 | Compatibility of ESV in the lower 6 GHz band   |
| ECC Report 076 | Cross-Border coordination of Multipoint FWS in 3.4 to 33.4 GHz   |
| ECC Report 069 | Operation of Earth stations aboard vessels within the separation distances identified in ITU RR Resolution 902 |
| ECC Report 054 | EIRP of Terrestrial Fixed Links at around 58 GHz   |
| ECC Report 046 | Immunity of 24 GHz automotive SRR from FS in 23/26 GHz   |
| ECC Report 033 | Coexistence of FWA cells at 3.4-3.8 GHz  |
| ECC Report 032 | Improving co-existence of Multipoint FS  |
| ECC Report 023 | Compatibility of 24 GHz Automotive Radars with FS, EESS, Radio Astronomy                                       |
| ECC Report 020 | Methodology to determine the density of Fixed Service  |
| ECC Report 019 | Fixed Service for UMTS/IMT-2000 infrastructure   |
| ECC Report 018 | Sharing - RAS operating in the band 10.6-10.7 GHz and other services   |
| ECC Report 003 | Fixed service in Europe current use and future trends POST-2002  |
| ERC Report 099 | Coexistence of two FWA cells in the 24.5 - 26.5 GHz and 27.5 - 29.5 GHz bands                                  |
| ERC Report 097 | Fixed Wireless Access (FWA) spectrum engineering   |
| ERC Report 068 | Monte-Carlo Radio Simulation Methodology   |
| ERC Report 055 | Unwanted emission interference from mobile earth stations into fixed service receivers in the 2 GHz band       |
| ERC Report 051 | Sharing between military and civil radio services  |
| ERC Report 047 | Compatibility fixed service and motion sensors at 10.5 GHz   |
| ERC Report 046 | Sharing fixed service and Earth exploration-satellite service in 55.22 - 55.78 GHz                             |
| ERC Report 045 | Sharing Fixed and Earth Exploration Satellite (passive) Services in 50.2 - 66 GHz                              |
| ERC Report 040 | Fixed service system parameters for frequency sharing  |
| ERC Report 039 | Sharing between fixed links and SNG in the 14.25 - 14.5 GHz band   |
| ERC Report 036 | Sharing Fixed Service and Radio Astronomy  |
| ERC Report 033 | The use of frequencies above 20 GHz by fixed services and ENG/OB   |
| ERC Report 025 | European Common Allocation Table (ECA)   |
| ERC Report 019 | Sharing Earth Exploration satellite services (passive) and Fixed Services in the band 54.25 - 57.2 GHz         |
| ERC Report 016 | Sharing terrestrial fixed service and space research/EES (S - E) at 38 GHz                                     |

| Number         | Title   |
|----------------|---|
| ERC Report 008 | Compatibility between RLANs and the Fixed Service |

**Table 5 : List of European Standards related to FS**

| Number       | Title  |
|--------------|--|
| EN 303 722   | Wideband Data Transmission Systems (WDTS) for Fixed Network Radio Equipment operating in the 57 GHz to 71 GHz band; Harmonised Standard for access to radio spectrum |
| EN 302 217-1 | Overview, common characteristics and system-independent requirements   |
| EN 302 217-2 | Digital systems operating in frequency bands from 1 GHz to 86 GHz  |
| EN 302 217-3 | Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied   |
| EN 302 217-4 | Antennas   |
| EN 302 326-2 | Digital Multipoint Radio Equipment   |
| EN 302 326-3 | Multipoint Radio Antennas  |

Standard for Point-to-Point (P-P) systems, including antennas, cover a very large range of traffic capacities, channel separations (CS), modulation formats and applications over a very wide range of frequency bands. The generic standard for P-P digital fixed radio systems and antennas is EN 302 217.

Standards for Multipoint systems (MP), including antennas, cover a very large range of traffic capacities, channel separations (CS), modulation formats and applications over a very wide range of frequency bands: from 30 MHz to 43.5 GHz for equipment and from 1 GHz to 43.5 GHz for antennas. With the exception of systems and antennas dedicated to the band 40.5-43.5 GHz all other equipment operating in bands from 30 MHz to 33.4 GHz and antennas are specified in the generic standard for Multipoint digital fixed radio systems and antennas, EN 302 326. The scope of this standard also includes Multipoint digital nomadic radio systems.

### RIS Template Guidelines for the Fixed Service

The Radio Equipment Directive (RED) 2014/53/EU: OJ L153 22 May 2014 replaced the Radio & Telecommunication Terminal Equipment Directive (R&TTE Directive)1999/5/EC, repealed with effect from 13 June 2016.

Information on “Interface regulations & specifications” can be found in the RE Directive Guide under [link](#).

For the Fixed Service, the following terminology is defined and used in [ECC Decision \(01\)03, annex 2](#) and can be seen below in Table 6:

**Table 6 : RIS Template Guidelines for the Fixed Service**

| Layer1 | Layer2 | Layer3    |
|--------|--------|-----------|
| Fixed  | BWA    | BFWA, FWA |
| Fixed  | MFCN   | IMT       |

| Layer1 | Layer2              | Layer3   |
|--------|---------------------|--|
| Fixed  | Point-to-Multipoint | MWS, Scanning telemetry, FWA, Unplanned, uncoordinated fixed links   |
| Fixed  | Point-to-Point      | Private fixed networks, Public fixed networks, Audio links, Video links, Unplanned uncoordinated fixed links |

Administrations should select one of these terms for their national radio interfaces for Fixed Service applications.

From the above explanations, it can be concluded that Member States shall notify radio interfaces for Fixed Service applications and that these applications are Class 2 equipment, i.e. subject to restrictions in one or more EU, EEA and EFTA countries.

A RIS template with explanations that can be used by administrations when creating a radio interface specification, see [document FM\(17\)116](#).

**ANNEX 2: NATIONAL IMPLEMENTATION**

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Recommendation T/R 13-01</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>a (FDD) 3.5 MHz  | Y   | *   | NFS | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | NFS | Y1  | Y   | *   | NFS | NFS | *   | *   | NFS | NFS | Y1  | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | Y1  | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>b (FDD) 2 MHz  | Y   | *   | NFS | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | NFS | NFS | Y   | *   | NFS | NFS | *   | *   | Y   | NFS | Y1  | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | Y1  | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>c (FDD) 1 MHz  | Y   | *   | NFS | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | NFS | NFS | Y   | *   | NFS | NFS | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | Y1  | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>d (FDD) 0.5 MHz  | Y   | *   | NFS | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | NFS | NFS | Y   | *   | NFS | NFS | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | Y1  | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>e (FDD) 0.25 MHz   | Y   | *   | NFS | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | NFS | NFS | Y   | *   | NFS | NFS | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | L   | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>f (FDD) 0.025 MHz  | Y   | *   | NFS | *   | NP  | UST | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | NFS | NFS | Y   | *   | NFS | NFS | *   | *   | Y   | NFS | NCY | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | L   | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>a (FDD) 3.5 MHz  | Y   | *   | NFS | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | Y   | *   | *   | NFS | NFS | Y1  | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | Y1  | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>b (FDD) 2 MHz  | Y   | *   | NFS | *   | Y   | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | Y1  | NFS | NFS | *   | NFS | Y   | *   | *   | Y   | NFS | Y1  | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | Y1  | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>c (FDD) 1 MHz  | Y   | *   | NFS | *   | Y   | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | Y1  | NFS | NFS | *   | NFS | Y   | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | Y1  | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>d (FDD) 0.5 MHz  | Y   | *   | NFS | *   | Y   | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | Y1  | NFS | NFS | *   | NFS | Y   | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | Y1  | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>e (FDD) 0.25 MHz   | Y   | *   | NFS | *   | Y   | Y1  | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | Y1  | NFS | NFS | *   | NFS | Y   | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | L   | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>f (FDD) 0.025 MHz  | Y   | *   | NFS | *   | Y   | UST | NFS | *   | Y   | NFS | NFS | L   | NFS | NFS | Y1  | NFS | NFS | *   | NFS | Y   | *   | *   | Y   | NFS | NCY | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | NFS | Y   | UST | L   | Y1  | NFS | *   | *   | NFS | NFS | Y1  | *   | *   |
| C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz):<br>a (FDD) 14 MHz   | Y   | *   | L   | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | NFS | Y1  | L   | NFS | NFS | NFS | *   | Y1  | L   | *   | *   | Y   | Y   | Y1  | NFS | Y   | NFS | Y   | *   | UST | Y1  | Y1  | P   | NFS | UST | L   | Y1  | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz):<br>b (FDD) 7 MHz  | Y   | *   | L   | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | NFS | Y1  | L   | NFS | NFS | NFS | *   | Y1  | L   | *   | *   | Y   | Y   | Y1  | NFS | Y   | NFS | Y   | *   | UST | Y1  | Y1  | P   | NFS | UST | L   | Y1  | NFS | *   | *   | NFS | NP  | *   | *   | *   |
| C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz):<br>c (FDD) 3.5 MHz  | Y   | *   | L   | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | NFS | Y1  | L   | NFS | NFS | NFS | *   | Y1  | L   | *   | *   | Y   | Y   | NCY | NFS | Y   | NFS | Y   | *   | UST | Y1  | Y1  | P   | NFS | UST | L   | Y1  | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz):<br>d (FDD) 1.75 MHz   | Y   | *   | L   | *   | NFS | Y1  | NFS | *   | Y   | NFS | NFS | NFS | Y1  | L   | NFS | NFS | NFS | *   | Y1  | L   | *   | *   | Y   | NFS | NCY | NFS | Y   | NFS | Y   | *   | UST | Y1  | Y1  | P   | NFS | UST | L   | Y1  | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| <b>ERC Recommendation 12-08</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| A Part 1 (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz):<br>a (FDD) 40 MHz  | L   | *   | NCY | *   | *   | NCY | L   | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | Y1  | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | L   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NCY | NFS | NFS | *   | NFS | *   |
| A Part 1 (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz):<br>b (FDD) 20 MHz  | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | L   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NCY | NFS | NFS | *   | NFS | *   |
| A Part 2 (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz):<br>a (FDD) 30 MHz  | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | Y   | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | L   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NCY | NFS | NFS | *   | NFS | *   |
| A Part 2 (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz):<br>b (FDD) 15 MHz  | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | Y   | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | L   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NCY | NFS | NFS | *   | NFS | *   |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

| Channel arrangements  | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| B Part 1 (3800 MHz - 4000 MHz and 4000 MHz - 4200 MHz):<br>a (FDD) 29 MHz   | L   | *   | Y1  | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y   | L   | Y1  | NFS | NFS | Y1  | NFS | *   | Y1  | *   | *   | Y1  | Y   | NFS | Y   | L   | Y   | NFS | NCY | *   | UST | *   | *   | Y1  | *   | NCY | NFS | Y1  | NFS | *   | Y1  | L   | NFS | Y1  | Y   | *   |
| B Part 2 Point-to-Multipoint (3600 MHz - 3800 MHz):<br>a (TDD) 0.25 MHz   | L   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangement) Point-to-Multipoint 3600-3700 MHz<br>(3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>a (FDD) 0.25 MHz | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangement) Point-to-Multipoint 3700-3800 MHz<br>(3700 MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>a (FDD) 0.25 MHz | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (100 MHz arrangement) Point-to-Multipoint (3600 MHz -<br>3700 MHz and 3700 MHz - 3800 MHz):<br>a (FDD) 0.25 MHz              | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | Y3  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangements) Point-to-Point 3600-3700 MHz<br>(3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>a (FDD) 14 MHz       | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangements) Point-to-Point 3600-3700 MHz<br>(3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>b (FDD) 7 MHz        | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangements) Point-to-Point 3600-3700 MHz<br>(3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>c (FDD) 3.5 MHz      | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangements) Point-to-Point 3600-3700 MHz<br>(3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>d (FDD) 1.75 MHz     | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangement) Point-Point 3700-3800 MHz (3700<br>MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>a (FDD) 14 MHz           | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangement) Point-Point 3700-3800 MHz (3700<br>MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>b (FDD) 7 MHz            | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangement) Point-Point 3700-3800 MHz (3700<br>MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>c (FDD) 3.5 MHz          | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (50 MHz arrangement) Point-Point 3700-3800 MHz (3700<br>MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>d (FDD) 1.75 MHz         | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (100 MHz arrangements) Point-to-Point (3600 MHz - 3700<br>MHz and 3700 MHz - 3800 MHz):<br>a (FDD) 14 MHz                    | L   | *   | UST | *   | *   | NCY | L   | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (100 MHz arrangements) Point-to-Point (3600 MHz - 3700<br>MHz and 3700 MHz - 3800 MHz):<br>b (FDD) 7 MHz                     | L   | *   | NCY | *   | *   | NCY | L   | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |
| B Part 2 (100 MHz arrangements) Point-to-Point (3600 MHz - 3700<br>MHz and 3700 MHz - 3800 MHz):<br>c (FDD) 3.5 MHz                   | L   | *   | NCY | *   | *   | NCY | L   | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |

\* = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCF = Not considered yet



| Channel arrangements  | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| B Part 2 (100 MHz arrangements) Point-to-Point (3600 MHz - 3700 MHz and 3700 MHz - 3800 MHz):<br>d (FDD) 1.75 MHz | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | L   | NFS | NFS | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | R   | NFS | NCY | *   | UST | *   | *   | NFS | *   | R   | NFS | NFS | NFS | *   | NFS | NFS | NFS | *   | NFS | *   |     |     |
| <b>ECC Recommendation (06)04</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1 (5725 MHz - 5875 MHz):<br>a (FDD and/or TDD) 150 MHz  | Y   | Y   | NFS | *   | Y   | Y4  | NFS | *   | NFS | NFS | L   | Y   | NFS | Y   | NFS | L   | Y2  | Y   | L   | Y   | NFS | NFS | NFS | Y2  | Y   | Y4  | Y2  | NFS | NFS | *   | Y   | Y   | P   | P   | Y   | NCY | Y   | Y   | NFS | *   | Y2  | Y4  | NFS | Y   | NFS | Y   |     |     |
| <b>ERC Recommendation 14-01</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1 and 2 (FDD) (5925 MHz - 6175 MHz and 6175 MHz - 6425 MHz):<br>a (FDD) 59.3 MHz                                  | Y   | *   | Y   | NFS | Y   | Y1  | NFS | *   | NFS | Y1  | Y   | Y   | NFS | NCY | NFS | Y1  | Y   | NFS | NFS | NFS | NFS | NFS | Y   | Y1  | NFS | NFS | Y   | Y1  | L   | *   | Y   | NFS | Y   | Y1  | Y   | NCY | Y1  | Y   | Y1  | *   | Y1  | NFS | Y   | Y1  | NFS | NFS |     |     |
| 1 and 2 (FDD) (5925 MHz - 6175 MHz and 6175 MHz - 6425 MHz):<br>b (FDD) 29.65 MHz                                 | Y   | *   | Y   | NP  | Y   | Y1  | Y1  | *   | Y1  | Y1  | Y   | Y   | Y1  | Y   | Y1  | Y1  | Y   | Y1  | Y1  | Y   | Y1  | Y   | Y1  | Y   | NFS | Y1  | Y   | Y1  | L   | *   | Y   | Y   | Y   | Y1  | Y   | Y   | Y1  | Y   | Y1  | *   | Y1  | Y1  | Y   | Y1  | Y1  | Y1  |     |     |
| <b>ECC Recommendation (14)06</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>a (FDD) 3.5 MHz                                 | Y   | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NCY | Y1  | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | NFS | UST | NFS | NCY | P   | *   | NFS | P   | Y   | NFS | NFS | NCY | NFS | NFS | Y   | NFS | NFS |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>b (FDD) 1.75 MHz                                | Y   | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NCY | Y1  | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | NFS | UST | NFS | NCY | P   | *   | NFS | P   | Y   | NFS | NFS | NCY | NFS | NFS | Y   | NFS | NFS |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>c (FDD) 0.5 MHz                                 | Y   | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NCY | Y1  | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | NFS | UST | NFS | NCY | P   | *   | NFS | P   | Y   | NFS | NFS | NCY | NFS | NFS | Y   | NFS | NFS |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>d (FDD) 0.25 MHz                                | Y   | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NCY | Y1  | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | NFS | UST | NFS | NCY | P   | *   | NFS | P   | Y   | NFS | NFS | NCY | NFS | NFS | Y   | NFS | NFS |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>e (FDD) 0.025 MHz                               | Y   | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NFS | Y1  | NFS | NCY | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | NFS | UST | NFS | NCY | P   | *   | NFS | P   | Y   | NFS | NFS | NCY | NFS | NFS | Y   | NFS | NFS |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>a (FDD) 3.5 MHz                                 | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | *   | Y1  | NFS | NCY | Y1  | NFS | Y   | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | P   | Y1  | NFS | *   | NCY | NFS | NFS | Y   | *   | *   |     |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>b (FDD) 1.75 MHz                                | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | *   | Y1  | NFS | NCY | Y1  | NFS | Y   | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | P   | Y1  | NFS | *   | NCY | NFS | NFS | Y   | *   | *   |     |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>c (FDD) 0.5 MHz                                 | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | *   | Y1  | NFS | NCY | Y1  | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | P   | Y1  | NFS | *   | NCY | NFS | NFS | Y   | *   | *   |     |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>d (FDD) 0.25 MHz                                | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | *   | Y1  | NFS | NCY | Y1  | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | P   | Y1  | NFS | *   | NCY | NFS | NFS | Y   | *   | *   |     |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>e (FDD) 0.025 MHz                               | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | *   | Y1  | NFS | NCY | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | P   | Y1  | NFS | *   | NCY | NFS | NFS | Y   | *   | *   |     |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>a (FDD) 3.5 MHz                                       | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | *   | Y1  | NFS | NCY | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | NFS | NFS | NFS | *   | NCY | NFS | NFS | NFS | *   | *   |     |

\* = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>b (FDD) 1.75 MHz   | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | *   | *   | Y1  | NFS | NCY | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | NFS | NFS | NFS | *   | NCY | NFS | NFS | NFS | *   | *   |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>c (FDD) 0.5 MHz  | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | *   | *   | Y1  | NFS | NCY | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | NFS | NFS | NFS | *   | NCY | NFS | NFS | NFS | *   | *   |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>d (FDD) 0.25 MHz   | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | *   | *   | Y1  | NFS | NCY | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | NFS | NFS | NFS | *   | NCY | NFS | NFS | NFS | *   | *   |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>e (FDD) 0.025 MHz  | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | *   | *   | Y1  | NFS | NCY | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NCY | NCY | *   | UST | *   | *   | NCY | *   | NFS | NFS | NFS | NFS | *   | NCY | NFS | NFS | NFS | *   | *   |
| <b>ERC Recommendation 14-02</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>a (FDD) 40 MHz   | Y1  | *   | Y1  | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y1  | Y   | Y1  | Y1  | Y1  | Y1  | Y   | *   | Y1  | *   | *   | Y1  | Y   | Y1  | *   | R   | Y   | Y1  | Y   | *   | Y   | Y1  | *   | Y1  | Y   | NCY | Y1  | Y3  | Y1  | *   | Y1  | R   | NFS | Y1  | *   | *   |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>b (FDD) 30 MHz   | Y1  | *   | Y1  | *   | *   | Y1  | Y1  | *   | *   | NFS | NFS | Y   | Y1  | Y1  | NFS | NFS | Y   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | Y1  | Y   | Y1  | NCY | *   | Y   | Y1  | *   | NCY | Y   | NCY | P   | NFS | NFS | *   | NCY | Y1  | NFS | *   | *   | *   |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>c (FDD) 20 MHz   | Y1  | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | NFS | NFS | Y   | NFS | Y1  | NFS | NFS | Y   | *   | NFS | *   | *   | Y1  | NFS | Y1  | *   | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | Y1  | Y   | NCY | NFS | Y3  | Y1  | *   | NCY | NFS | NFS | Y1  | *   | *   |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>d (FDD) 14 MHz   | Y1  | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y   | NFS | *   | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | *   | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | NCY | Y   | NCY | NFS | NFS | NFS | *   | NCY | NFS | NFS | Y1  | *   | *   |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>e (FDD) 7 MHz  | Y1  | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y   | NFS | *   | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | *   | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | NCY | Y   | NCY | NFS | NFS | NFS | *   | NCY | NFS | NFS | Y1  | *   | *   |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>f (FDD) 3.5 MHz  | Y1  | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y   | NFS | *   | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | *   | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | NCY | Y   | NCY | NFS | NFS | NFS | *   | NCY | NFS | NFS | Y1  | *   | *   |
| <b>ECC Recommendation (02)06</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>a (FDD) 28 MHz   | Y   | *   | Y1  | *   | *   | Y1  | *   | *   | *   | NFS | NFS | Y   | NFS | Y1  | NFS | NP  | NFS | *   | NP  | *   | *   | *   | NFS | Y1  | Y1  | NFS | Y   | Y1  | L   | *   | Y   | Y1  | *   | Y1  | NP  | NCY | Y1  | Y1  | NFS | *   | NP  | NFS | NP  | Y1  | Y   | *   |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>b (FDD) 14 MHz   | Y   | *   | Y1  | *   | *   | Y1  | *   | *   | *   | Y1  | Y   | Y   | NFS | Y1  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | Y1  | Y1  | Y1  | Y   | Y1  | L   | *   | Y   | Y1  | *   | Y1  | NP  | NCY | Y1  | Y1  | NFS | *   | NP  | Y1  | NFS | *   | Y   | *   |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>c (FDD) 7 MHz  | Y   | *   | Y1  | *   | *   | Y1  | *   | *   | *   | NFS | Y   | Y   | Y1  | Y1  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | Y1  | Y1  | Y1  | Y   | Y1  | L   | *   | Y   | Y1  | *   | Y1  | NP  | NCY | Y1  | Y1  | NFS | *   | NP  | Y1  | NFS | *   | Y   | *   |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>d (FDD) 3.5 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | Y   | Y   | NFS | Y1  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | NP  | NCY | Y1  | Y1  | NFS | *   | NCY | NFS | NFS | *   | Y   | *   |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>e (FDD) 1.75 MHz   | Y   | *   | NCY | *   | *   | NCY | *   | *   | *   | Y1  | NFS | Y   | NFS | *   | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | NCY | NP  | NCY | Y1  | Y1  | NFS | *   | NCY | NFS | NFS | *   | Y   | *   |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>a (FDD) 28 MHz   | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | NFS | NP  | NFS | *   | Y1  | *   | *   | Y1  | NFS | Y1  | Y1  | Y   | Y1  | L   | *   | Y   | Y1  | *   | Y1  | NP  | Y   | Y1  | Y1  | Y1  | *   | NP  | Y1  | NFS | Y1  | Y   | *   |     |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>b (FDD) 14 MHz   | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | Y1  | NFS | Y   | NFS | Y1  | NFS | NP  | NFS | *   | Y1  | *   | *   | Y1  | NFS | Y1  | Y1  | Y   | Y1  | L   | *   | Y   | Y1  | *   | Y1  | NP  | Y   | Y1  | Y1  | Y1  | *   | NP  | Y1  | Y   | Y1  | Y   | *   |     |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>c (FDD) 7 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | Y   | NFS | Y1  | NFS | NP  | NFS | *   | Y1  | *   | *   | Y1  | NFS | Y1  | Y1  | NFS | Y   | Y1  | L   | *   | Y   | Y1  | *   | Y1  | NP  | Y   | Y1  | Y1  | Y1  | *   | NP  | NFS | Y   | Y1  | Y   | *   |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>d (FDD) 3.5 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | Y   | NFS | Y1  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | NP  | Y   | Y1  | Y1  | Y1  | *   | NCY | NFS | Y   | *   | *   | *   |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>e (FDD) 1.75 MHz   | Y   | *   | NCY | *   | *   | NCY | *   | *   | *   | NFS | NFS | Y   | NFS | *   | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | NCY | NP  | NCY | Y1  | Y1  | Y1  | *   | NCY | NFS | NFS | *   | *   | *   |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

| Channel arrangements  | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|
| Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>a (FDD) 28 MHz  | Y   | *   | NCY | *   | *   | UST | *   | *   | *   | NFS | NFS | Y   | NFS | NCY | NFS | NFS | NFS | *   | Y1  | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | P   | Y   | * | *   | NCY | NFS | NFS | *   | Y   | *   |
| Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>b (FDD) 14 MHz  | Y   | *   | NCY | *   | *   | NCY | *   | *   | *   | NFS | NFS | Y   | NFS | NCY | NFS | NFS | NFS | *   | Y1  | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | P   | Y   | * | *   | NCY | NFS | NFS | *   | Y   | *   |
| Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>c (FDD) 7 MHz   | Y   | *   | NCY | *   | *   | NCY | *   | *   | *   | NFS | NFS | Y   | NFS | NCY | NFS | NFS | NFS | *   | Y1  | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | P   | Y   | * | *   | NCY | NFS | NFS | *   | Y   | *   |
| Annex 1.2.2 (29.65 MHz arrangements - H(V) and V(H) use of<br>polarisations (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>a (FDD) 29.65 MHz     | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | NFS | Y1  | NP  | NFS | NFS | NFS | *   | Y1  | *   | *   | *   | NFS | Y1  | NCY | NFS | Y   | NCY | NCY | *   | Y   | Y1  | *   | NCY | *   | NCY | Y1  | NFS | * | *   | Y1  | NFS | NFS | *   | *   | *   |
| Annex 1.2.2 (29.65 MHz arrangements - H(V) and V(H) use of<br>polarisations (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>b (FDD) 29.65 MHz     | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | NFS | Y1  | NP  | NFS | NFS | NFS | *   | Y1  | *   | *   | *   | NFS | Y1  | NCY | NFS | Y   | NCY | NCY | *   | Y   | Y1  | *   | NCY | *   | NCY | Y1  | NFS | * | *   | Y1  | NFS | NFS | *   | *   | *   |
| Annex 1.3 H(V) Interleaved Pattern (8275 MHz - 8387.5 MHz and<br>8387.5 MHz - 8500 MHz):<br>a (FDD) 28 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | NFS | *   | *   | *   | *   | *   | NFS | *   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y   | *   | NCY | NFS | Y   | * | *   | NP  | NFS | NFS | *   | *   | *   |
| Annex 1.3 H(V) Interleaved Pattern (8275 MHz - 8387.5 MHz and<br>8387.5 MHz - 8500 MHz):<br>b (FDD) 14 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | Y1  | NP  | NFS | NFS | NFS | *   | *   | *   | *   | *   | NFS | *   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | NFS | Y   | * | *   | NCY | NFS | NFS | *   | *   | *   |
| Annex 1.3 V(H) Interleaved Pattern (8275 MHz - 8387.5 MHz and<br>8387.5 MHz - 8500 MHz):<br>a (FDD) 28 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | NFS | *   | *   | *   | *   | *   | NFS | *   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | NFS | Y   | * | *   | NCY | NFS | NFS | *   | *   | *   |
| Annex 1.3 V(H) Interleaved Pattern (8275 MHz - 8387.5 MHz and<br>8387.5 MHz - 8500 MHz):<br>b (FDD) 14 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | Y1  | NP  | NFS | NFS | NFS | *   | *   | *   | *   | *   | NFS | *   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | NFS | Y   | * | *   | NCY | NFS | NFS | *   | *   | *   |
| Annex 1.3 H(V) and V(H) Frequency Reuse Pattern ODD channel<br>arrangement (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500<br>MHz):<br>a (FDD) 28 MHz  | Y   | *   | NCY | *   | *   | NCY | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | NFS | *   | *   | *   | *   | *   | NFS | *   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | Y   | P   | Y   | * | *   | NCY | NFS | NFS | *   | *   | *   |
| Annex 1.3 H(V) and V(H) Frequency Reuse Pattern ODD channel<br>arrangement (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500<br>MHz):<br>b (FDD) 14 MHz  | Y   | *   | NCY | *   | *   | NCY | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | NFS | *   | *   | *   | *   | *   | NFS | *   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | Y   | P   | Y   | * | *   | NCY | NFS | NFS | *   | *   | *   |
| Annex 1.3 H(V) and V(H) Frequency Reuse Pattern EVEN channel<br>arrangement (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500<br>MHz):<br>a (FDD) 28 MHz | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | *   | NFS | *   | *   | *   | *   | *   | NFS | *   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | P   | Y   | * | *   | NCY | NFS | NFS | *   | *   | *   |
| Annex 1.3 H(V) and V(H) Frequency Reuse Pattern EVEN channel<br>arrangement (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500<br>MHz):<br>b (FDD) 14 MHz | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | *   | NFS | *   | *   | *   | *   | *   | NFS | *   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | P   | Y   | * | *   | NCY | NFS | NFS | *   | *   | *   |
| Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz):<br>a (FDD) 28 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | L   | *   | NFS | NP  | NFS | NFS | NP  | *   | *   | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | L   | *   | Y   | *   | *   | NCY | *   | NCY | NFS | NFS | * | *   | NCY | NFS | NFS | *   | Y   | *   |
| Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz):<br>b (FDD) 14 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | NP  | *   | *   | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | L   | *   | Y   | *   | *   | NCY | *   | NCY | NFS | NFS | * | *   | NCY | NFS | NFS | *   | Y   | *   |
| Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz):<br>c (FDD) 7 MHz   | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | NP  | *   | *   | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | L   | *   | Y   | *   | *   | NCY | *   | NCY | NFS | NFS | * | *   | NCY | NFS | NFS | *   | Y   | *   |

\* = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |   |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>a (FDD) 28 MHz   | Y   | *   | Y1  | *   | *   | NCY | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NP  | NP  | *   | *   | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | *   | *   | NCY | Y   | NCY | NFS | NFS | Y1  | *   | NCY | NFS | NFS | *   | Y   | *   |   |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>b (FDD) 14 MHz   | Y   | *   | Y1  | *   | *   | NCY | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | NP  | *   | *   | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | *   | *   | NCY | Y   | NCY | NFS | NFS | Y1  | *   | NCY | NFS | NFS | *   | Y   | *   |   |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>c (FDD) 7 MHz  | Y   | *   | Y1  | *   | *   | NCY | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | NP  | *   | *   | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | *   | *   | NCY | Y   | NCY | NFS | NFS | Y1  | *   | NCY | NFS | NFS | *   | Y   | *   |   |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>d (FDD) 3.5 MHz  | Y   | *   | Y1  | *   | *   | NCY | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | *   | *   | *   | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | *   | *   | NCY | Y   | NCY | NFS | NFS | Y1  | *   | NCY | NFS | NFS | *   | Y   | *   |   |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>e (FDD) 1.75 MHz   | Y   | *   | Y1  | *   | *   | NCY | *   | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | NFS | *   | *   | *   | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | *   | *   | NCY | Y   | NCY | NFS | NFS | Y1  | *   | NCY | NFS | NFS | *   | Y   | *   |   |
| <b>ERC Recommendation 12-05</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>a (FDD) 56 MHz   | Y   | *   | Y1  | *   | *   | Y1  | Y   | *   | Y   | NFS | *   | Y   | NFS | Y1  | NFS | NFS | *   | *   | NFS | Y   | *   | *   | Y   | NFS | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y   | *   | P   | Y   | NCY | NFS | Y   | Y3  | *   | L   | NFS | NP  | *   | NFS | *   |   |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>b (FDD) 56 MHz   | Y   | *   | Y1  | *   | *   | Y1  | Y   | *   | Y   | NFS | *   | Y   | NFS | Y1  | NFS | NFS | *   | *   | NFS | Y   | *   | *   | Y   | NFS | Y1  | NFS | Y   | Y1  | NCY | *   | Y   | Y   | *   | P   | Y   | NCY | NFS | Y   | Y3  | *   | L   | NFS | NP  | *   | NFS | *   |   |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>c (FDD) 28 MHz   | Y   | *   | Y1  | *   | *   | Y1  | Y   | *   | Y   | NFS | *   | Y   | NFS | Y1  | NFS | NFS | *   | *   | NFS | Y   | *   | *   | Y   | L   | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y   | *   | P   | Y   | Y   | NFS | Y   | Y3  | *   | L   | NFS | NP  | Y   | NFS | *   |   |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>d (FDD) 14 MHz   | Y   | *   | Y1  | *   | *   | Y1  | Y   | *   | Y   | NFS | *   | Y   | NFS | Y1  | NFS | Y1  | *   | *   | NFS | Y   | *   | *   | Y   | L   | Y1  | Y1  | Y   | Y1  | Y   | *   | Y   | Y   | *   | P   | Y   | Y   | NFS | Y   | Y3  | *   | L   | Y1  | Y3  | *   | Y   | *   |   |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>e (FDD) 7 MHz  | Y   | *   | Y1  | *   | *   | Y1  | Y   | *   | Y   | NFS | *   | Y   | NP  | Y1  | NFS | NFS | *   | *   | NFS | Y   | *   | *   | Y   | L   | Y1  | Y1  | Y   | Y1  | Y   | *   | Y   | Y   | *   | P   | Y   | Y   | NFS | Y   | Y3  | *   | L   | Y1  | Y3  | *   | Y   | *   |   |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>f (FDD) 3.5 MHz  | Y   | *   | Y1  | *   | *   | Y1  | Y   | *   | Y   | NFS | *   | Y   | NP  | Y1  | NFS | NFS | *   | *   | NFS | Y   | *   | *   | Y   | NFS | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y   | *   | P   | Y   | Y   | NFS | Y   | Y3  | *   | L   | Y1  | Y   | *   | NFS | *   |   |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>g (FDD) 0.5 MHz  | Y   | *   | NCY | *   | *   | NCY | Y   | *   | Y   | NFS | *   | Y   | NFS | Y1  | NFS | NFS | *   | *   | NFS | Y   | *   | *   | NFS | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y   | *   | P   | L   | NCY | NFS | Y   | Y3  | *   | L   | NFS | NFS | *   | NFS | *   |   |
| <b>ERC Recommendation 12-06</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>a (FDD) 112 MHz   | NCY | *   | NCY | *   | *   | NCY | *   | *   | *   | *   | *   | *   | NFS | *   | NFS | NFS | NFS | *   | *   | *   | *   | *   | *   | NFS | NFS | *   | *   | *   | NCY | *   | Y   | *   | *   | NCY | *   | NCY | *   | NFS | NFS | *   | Y1  | *   | NFS | Y1  | *   | *   |   |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>b (FDD) 80 MHz  | NCY | *   | NCY | *   | *   | NCY | *   | *   | *   | NFS | *   | NFS | NFS | NP  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | *   | NFS | NFS | NFS | NFS | Y   | NFS | NCY | *   | Y   | Y1  | *   | NCY | *   | NCY | NFS | NFS | NFS | *   | NP  | NFS | NFS | *   | *   | * |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>c (FDD) 80 MHz  | NCY | *   | NCY | *   | *   | NCY | *   | *   | *   | NFS | *   | NFS | NFS | NP  | *   | NFS | NFS | *   | NFS | *   | *   | *   | *   | NFS | NFS | NFS | NFS | Y   | NFS | NCY | *   | Y   | Y1  | *   | NCY | *   | NCY | NFS | NFS | NFS | *   | NP  | NFS | NFS | *   | *   | * |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>d (FDD) 56 MHz  | NCY | *   | NCY | *   | *   | NCY | *   | *   | *   | NFS | *   | NFS | NFS | NP  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | NCY | *   | Y   | Y1  | *   | NCY | *   | NCY | NFS | NFS | NFS | *   | Y1  | NFS | NFS | Y1  | *   | * |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>e (FDD) 40 MHz  | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | NFS | *   | NFS | Y1  | NP  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | *   | NFS | NFS | NFS | R   | Y   | NFS | NCY | *   | Y   | Y1  | *   | NCY | *   | Y   | NFS | NFS | NFS | *   | NP  | R   | NFS | *   | *   | * |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>f (FDD) 28 MHz  | Y   | *   | NCY | *   | *   | Y1  | *   | *   | *   | NFS | *   | NFS | NFS | NP  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | NCY | *   | Y   | *   | *   | NCY | *   | Y   | NFS | NFS | NFS | *   | Y1  | Y1  | NFS | Y1  | *   | * |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>a (FDD) 112 MHz | NCY | *   | Y1  | *   | *   | NCY | *   | *   | *   | Y1  | *   | *   | NFS | *   | NFS | NFS | NFS | *   | *   | *   | *   | *   | *   | NFS | NFS | *   | *   | *   | NCY | *   | Y   | *   | *   | NCY | *   | NCY | *   | NFS | *   | NCY | *   | Y   | *   | *   | *   |     |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>b (FDD) 80 MHz  | NCY | *   | Y1  | *   | *   | NCY | *   | *   | *   | Y1  | *   | NFS | NFS | NP  | NFS | NFS | NFS | *   | Y1  | *   | *   | *   | Y   | Y1  | NFS | NFS | Y   | NFS | NCY | *   | Y   | *   | *   | Y   | *   | NCY | NFS | NFS | NFS | *   | NCY | NFS | NFS | *   | *   | *   |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>c (FDD) 56 MHz  | NCY | *   | Y1  | *   | *   | NCY | *   | *   | *   | Y1  | *   | NFS | NFS | NP  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | Y   | *   | Y   | *   | *   | NCY | *   | NCY | Y1  | NFS | NFS | *   | NCY | NFS | Y   | *   | *   | *   |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>d (FDD) 56 MHz  | NCY | *   | Y1  | *   | *   | NCY | *   | *   | *   | Y1  | *   | NFS | NFS | NP  | *   | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | Y   | *   | Y   | *   | *   | NCY | *   | NCY | NFS | NFS | NFS | *   | NCY | NFS | Y   | *   | *   | *   |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>e (FDD) 40 MHz  | Y   | *   | Y1  | *   | *   | Y1  | *   | *   | *   | Y1  | *   | NFS | NFS | NP  | Y1  | NFS | NFS | *   | Y1  | *   | *   | *   | Y   | Y1  | NFS | NFS | Y   | NFS | NCY | *   | Y   | *   | *   | Y1  | *   | NCY | Y1  | NFS | NFS | *   | NCY | NFS | NFS | *   | *   | *   |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>f (FDD) 28 MHz  | Y   | *   | Y1  | *   | *   | Y1  | *   | *   | *   | Y1  | *   | NFS | NFS | NP  | NFS | NFS | NFS | *   | NFS | *   | *   | *   | NFS | NFS | NFS | NFS | NFS | NFS | Y   | *   | Y   | *   | *   | NCY | *   | NCY | P   | NFS | NFS | *   | NCY | NFS | Y   | *   | *   | *   |
| <b>ERC Recommendation 12-02</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>a (FDD) 56 MHz             | Y   | *   | Y1  | *   | *   | NCY | NFS | *   | *   | Y1  | Y   | Y   | NFS | Y1  | NFS | Y1  | Y   | *   | Y1  | *   | *   | *   | Y   | Y1  | NCY | NFS | Y   | Y1  | L   | *   | Y   | Y   | *   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | NFS | Y   | Y1  | Y   | *   |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>b (FDD) 28 MHz             | Y   | *   | Y1  | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | Y1  | Y1  | Y   | *   | Y1  | *   | *   | *   | Y   | Y1  | Y1  | NFS | Y   | Y1  | L   | *   | Y   | Y   | *   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | L   | Y   | Y1  | Y   | *   |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>c (FDD) 14 MHz             | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | NFS | NFS | Y   | NFS | Y1  | Y1  | Y1  | Y   | *   | Y1  | *   | *   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y1  | L   | *   | Y   | Y   | *   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | Y1  | NFS | Y1  | Y   | *   |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>d (FDD) 7 MHz              | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | Y   | NFS | Y1  | Y1  | Y1  | Y   | *   | Y1  | *   | *   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y1  | L   | *   | Y   | Y   | *   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | Y1  | Y   | Y1  | Y   | *   |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>e (FDD) 3.5 MHz            | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | Y   | NFS | Y1  | Y1  | NFS | Y   | *   | Y1  | *   | *   | *   | Y   | Y1  | NCY | Y1  | Y   | Y1  | L   | *   | Y   | Y   | *   | Y1  | Y   | Y   | Y1  | Y3  | NFS | *   | NCY | NFS | Y   | Y1  | Y   | *   |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>f (FDD) 1.75 MHz           | Y   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y   | NFS | Y1  | Y1  | NFS | Y   | *   | Y1  | *   | *   | *   | Y   | NFS | NCY | NFS | Y   | Y1  | L   | *   | Y   | Y   | *   | NCY | Y   | NCY | P   | Y3  | NFS | *   | NCY | NFS | NFS | *   | Y   | *   |
| <b>ERC Recommendation 12-07</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>a (FDD) 56 MHz               | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | Y   | NFS | Y1  | NFS | NFS | Y   | *   | NP  | *   | *   | *   | Y   | Y1  | Y1  | NFS | Y   | Y1  | NCY | *   | UST | Y1  | *   | Y1  | *   | Y   | NFS | NFS | NP  | *   | Y1  | NFS | NFS | Y   | NFS | *   |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>b (FDD) 28 MHz               | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | Y1  | NFS | Y   | Y1  | Y1  | NFS | NFS | Y   | *   | NP  | *   | *   | Y1  | Y   | Y1  | Y1  | NFS | Y   | Y1  | Y   | *   | UST | Y1  | *   | Y1  | *   | Y   | NFS | NFS | NP  | *   | Y1  | L   | Y   | Y   | Y   | *   |

\* = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G | GEO | GRC | HNG | HOL | HRV | I | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S  | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>c (FDD) 14 MHz   | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | NFS | Y1  | Y | *   | NP  | *   | *   | *   | Y | Y1  | Y1  | Y1  | Y   | Y1  | Y   | *   | UST | Y1  | *   | Y1  | *   | Y   | Y1  | NFS | NP | *   | Y1  | Y1  | Y   | Y   | Y   | *   |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>d (FDD) 7 MHz  | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | NFS | NFS | Y | *   | NP  | *   | *   | *   | Y | Y1  | Y1  | Y1  | Y   | Y1  | Y   | *   | UST | Y1  | *   | Y1  | *   | Y   | Y1  | NFS | NP | *   | Y1  | Y1  | Y   | Y   | Y   | *   |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>e (FDD) 3.5 MHz  | Y   | *   | Y1  | *   | *   | Y1  | NFS | *   | *   | NFS | Y   | Y   | NFS | Y1  | NFS | NFS | Y | *   | NP  | *   | *   | *   | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | UST | Y1  | *   | Y1  | *   | Y   | Y1  | NFS | NP | *   | NCY | NFS | NFS | Y   | NFS | *   |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>f (FDD) 1.75 MHz   | Y   | *   | Y1  | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y   | NFS | *   | NFS | NFS | Y | *   | NFS | *   | *   | *   | Y | NFS | NCY | NFS | Y   | Y1  | Y   | *   | UST | Y1  | *   | NCY | *   | NCY | P   | NFS | NP | *   | NCY | NFS | NFS | Y   | NFS | *   |
| <b>ERC Recommendation 12-03</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |
| 1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>a (FDD) 110 MHz  | Y   | Y   | Y1  | *   | NFS | NCY | Y   | *   | Y   | Y1  | NFS | Y   | Y1  | Y1  | Y1  | Y1  | Y | NP  | Y1  | NFS | Y   | *   | Y | Y1  | Y1  | NFS | Y   | Y1  | Y   | *   | UST | Y   | Y   | Y1  | Y   | NCY | NFS | Y3  | Y1 | *   | Y1  | NFS | Y   | Y   | NFS | Y   |
| 1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>b (FDD) 55 MHz   | Y   | Y   | Y1  | *   | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y   | Y1  | Y1  | Y1  | Y1  | Y | NP  | Y1  | Y   | Y   | Y1  | Y | Y1  | Y1  | NFS | Y   | Y1  | Y   | *   | UST | Y   | Y   | Y1  | Y   | Y   | Y1  | Y3  | Y1 | *   | Y1  | NFS | Y   | Y   | Y   | Y   |
| 1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>c (FDD) 27.5 MHz   | Y   | Y   | Y1  | *   | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y   | Y1  | Y1  | NP  | Y1  | Y | NP  | Y1  | Y   | Y   | Y1  | Y | Y1  | Y1  | Y1  | Y   | Y1  | Y   | *   | UST | Y   | Y   | Y1  | Y   | Y   | Y1  | Y3  | Y1 | *   | Y1  | Y1  | Y   | Y   | Y   | Y   |
| 1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>d (FDD) 13.75 MHz  | Y   | Y   | Y1  | *   | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y   | Y1  | Y1  | NP  | NP  | Y | *   | Y1  | NFS | Y   | Y1  | Y | NFS | Y1  | Y1  | Y   | Y1  | Y   | *   | UST | Y   | Y   | Y1  | Y   | Y   | Y1  | Y3  | Y1 | *   | NP  | Y1  | Y   | Y   | Y   | Y   |
| 2 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>a (FDD) 220 MHz  | Y   | *   | Y1  | *   | *   | NCY | *   | *   | *   | Y1  | *   | *   | NFS | *   | NFS | Y1  | * | *   | *   | *   | *   | *   | Y | Y1  | NCY | *   | *   | *   | Y   | *   | UST | *   | *   | NCY | Y   | NCY | *   | NFS | Y1 | *   | NCY | *   | Y   | *   | *   | *   |
| <b>Recommendation T/R 13-02</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>a (FDD) 112 MHz   | Y   | *   | Y   | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | Y   | Y1  | Y1  | NFS | Y1  | Y | *   | Y1  | Y1  | *   | Y1  | Y | Y1  | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y   | NFS | Y3  | Y1 | *   | Y1  | NFS | Y   | Y   | Y   | *   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>b (FDD) 56 MHz  | Y   | *   | Y   | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | Y   | Y1  | Y1  | NFS | Y1  | Y | *   | Y1  | Y1  | *   | Y1  | Y | Y1  | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y   | Y1  | Y3  | Y1 | *   | NP  | NFS | Y   | Y   | Y   | *   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>c (FDD) 56 MHz  | Y   | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y   | Y1  | Y1  | Y1  | NFS | Y | *   | NFS | Y1  | *   | Y1  | Y | Y1  | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y   | NFS | Y3  | Y1 | *   | Y1  | NFS | Y   | Y   | Y   | *   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>d (FDD) 28 MHz  | Y   | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y   | Y1  | Y1  | NP  | Y1  | Y | *   | Y1  | Y1  | *   | Y1  | Y | Y1  | Y1  | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y   | Y1  | Y3  | Y1 | *   | Y1  | L   | Y   | Y   | Y   | *   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>e (FDD) 14 MHz  | Y   | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y   | Y1  | Y1  | NP  | Y1  | Y | *   | Y1  | Y1  | *   | Y1  | Y | Y1  | Y1  | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y   | Y1  | Y3  | Y1 | *   | Y1  | Y1  | Y   | Y   | Y   | *   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>f (FDD) 7 MHz   | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y   | Y1  | Y1  | NP  | Y1  | Y | *   | Y   | Y1  | *   | Y1  | Y | Y1  | Y1  | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y   | Y1  | Y3  | Y1 | *   | Y1  | Y1  | Y   | Y   | Y   | *   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>g (FDD) 3.5 MHz   | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y   | Y1  | Y1  | Y1  | NFS | Y | *   | Y1  | Y1  | *   | Y1  | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | Y1  | Y1  | Y   | Y   | Y1  | Y3  | Y1 | *   | Y1  | NFS | Y   | Y   | Y   | *   |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz):<br>a (FDD) 28 MHz  | Y   | *   | Y   | *   | *   | Y1  | NFS | *   | *   | NP  | Y1  | L   | NFS | NP  | Y1  | NFS | NFS | *   | NFS | Y1  | *   | Y1  | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | NFS | NCY | Y   | NCY | NFS | Y   | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| 1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz):<br>b (FDD) 14 MHz  | Y   | *   | Y   | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | L   | NFS | NP  | Y1  | NFS | NFS | *   | NFS | Y1  | *   | Y1  | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | NFS | NCY | Y   | NCY | NFS | Y   | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| 1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz):<br>c (FDD) 7 MHz   | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | L   | NFS | NP  | Y1  | NFS | NFS | *   | NFS | Y1  | *   | Y1  | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | NFS | NCY | Y   | NCY | NFS | Y   | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| 1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz):<br>d (FDD) 3.5 MHz | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | L   | NFS | NP  | Y1  | NFS | NFS | *   | NFS | Y1  | *   | Y1  | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | NFS | NCY | Y   | NCY | NFS | Y   | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| 1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz):<br>d (TDD) 3.5 MHz                      | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | L   | NFS | NP  | Y1  | NFS | NFS | *   | NFS | Y1  | *   | Y1  | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | NFS | NCY | Y   | NCY | NFS | Y   | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| 1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz):<br>c (TDD) 7 MHz                        | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | L   | NFS | NP  | Y1  | NFS | NFS | *   | NFS | Y1  | *   | Y1  | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | NFS | NCY | Y   | NCY | NFS | Y   | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| 1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz):<br>b (TDD) 14 MHz                       | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | L   | NFS | NP  | Y1  | NFS | NFS | *   | NFS | Y1  | *   | Y1  | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | NFS | NCY | Y   | NCY | NFS | Y   | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| 1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz):<br>a (TDD) 28 MHz                       | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | L   | NFS | NP  | Y1  | NFS | NFS | *   | NFS | Y1  | *   | Y1  | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | NFS | NCY | Y   | NCY | NFS | Y   | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>a (FDD) 112 MHz                  | Y   | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | L   | NFS | NP  | Y1  | NFS | Y   | *   | Y3  | *   | *   | *   | Y   | NFS | NFS | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | *   | NCY | NFS | Y3  | Y1  | *   | Y1  | NFS | NFS | Y   | Y   | *   |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>b (FDD) 56 MHz                   | Y   | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | L   | NFS | NP  | Y1  | NFS | Y   | *   | Y3  | *   | *   | *   | Y   | NFS | NFS | Y1  | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | *   | Y   | NFS | Y3  | Y1  | *   | Y1  | Y1  | NP  | Y   | Y   | *   |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>c (FDD) 28 MHz                   | Y   | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y1  | L   | NFS | NP  | Y1  | NFS | Y   | *   | Y3  | *   | *   | *   | Y   | L   | NFS | Y1  | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | *   | Y   | NFS | Y3  | Y1  | *   | Y1  | Y1  | NP  | Y   | Y   | *   |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>d (FDD) 14 MHz                   | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y1  | L   | NFS | NP  | Y1  | NFS | Y   | *   | Y3  | *   | *   | *   | Y   | L   | NFS | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | *   | Y   | NFS | Y3  | Y1  | *   | Y1  | NFS | NP  | Y   | Y   | *   |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>e (FDD) 7 MHz                    | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y1  | L   | NFS | NP  | NFS | NFS | Y   | *   | Y3  | *   | *   | *   | Y   | L   | NFS | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | *   | Y   | NFS | Y3  | Y1  | *   | Y1  | NFS | NP  | Y   | Y   | *   |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>f (FDD) 3.5 MHz                  | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y1  | L   | NFS | NP  | NFS | NFS | Y   | *   | Y3  | *   | *   | *   | Y   | L   | NFS | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | *   | Y   | NFS | Y3  | Y1  | *   | Y1  | NFS | NP  | Y   | Y   | *   |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>a (FDD) 112 MHz                  | Y   | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | L   | Y1  | NP  | NFS | NFS | *   | *   | NFS | *   | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | Y   | NCY | NFS | Y3  | Y3  | *   | Y1  | NFS | NFS | Y   | Y   | *   |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>b (FDD) 56 MHz                   | Y   | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | L   | Y1  | NP  | NFS | Y1  | *   | *   | NFS | *   | *   | *   | Y   | L   | NCY | Y1  | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | Y   | Y   | NFS | Y3  | Y3  | *   | Y1  | Y1  | NFS | Y   | Y   | *   |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>c (FDD) 28 MHz                   | Y   | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y1  | L   | Y1  | NP  | NFS | Y1  | *   | *   | Y3  | *   | *   | *   | Y   | L   | NCY | Y1  | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | Y   | Y   | NFS | Y3  | Y3  | *   | Y1  | Y1  | NP  | Y   | Y   | *   |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>d (FDD) 14 MHz                   | Y   | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y1  | L   | Y1  | NP  | NFS | Y1  | *   | *   | NFS | *   | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | Y   | Y   | NFS | Y3  | Y3  | *   | Y1  | NFS | NP  | Y   | Y   | *   |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>e (FDD) 7 MHz                    | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | NFS | Y1  | L   | Y1  | NP  | NFS | NFS | *   | *   | NFS | *   | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | Y   | Y   | NFS | Y3  | Y3  | *   | Y1  | NFS | NP  | Y   | Y   | *   |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>f (FDD) 3.5 MHz                  | Y   | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | NFS | Y1  | L   | NFS | NP  | NFS | NFS | *   | *   | NFS | *   | *   | *   | Y   | L   | NCY | NFS | Y   | Y1  | NCY | *   | Y   | Y1  | *   | Y1  | Y   | Y   | NFS | Y3  | Y3  | *   | *   | NFS | NP  | Y   | Y   | *   |

\* = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>a (FDD) 224 MHz  | Y   | *   | Y   | *   | *   | Y1  | *   | *   | NFS | *   | *   | NFS | *   | NFS | Y1  | *   | *   | *   | *   | *   | *   | *   | Y | Y1  | NCY | *   | Y   | *   | NCY | *   | Y   | Y1  | *   | NCY | Y   | NCY | *   | NFS | Y1  | *   | NCY | *   | NFS | Y   | *   | *   |
| 4 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>b (FDD) 224 MHz  | Y   | *   | Y   | *   | *   | Y1  | *   | *   | NFS | *   | *   | NFS | *   | *   | NFS | *   | *   | *   | *   | *   | *   | *   | Y | Y1  | NCY | *   | Y   | *   | NCY | *   | Y   | Y1  | *   | NCY | Y   | NCY | *   | NFS | *   | *   | NCY | *   | NFS | Y   | *   | *   |
| 5 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>a (FDD) 224 MHz  | Y   | *   | Y   | *   | *   | Y1  | *   | *   | *   | Y1  | *   | *   | NFS | NP  | NFS | NFS | *   | *   | *   | *   | *   | *   | Y | Y1  | NCY | *   | Y   | *   | NCY | *   | Y   | Y1  | *   | NCY | Y   | NCY | *   | Y   | Y3  | *   | NCY | *   | NFS | Y   | *   | *   |
| <b>ECC Recommendation (02)02</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| A (31000 MHz - 31300 MHz):<br>d (TDD) 3.5 MHz  | NFS | *   | Y   | *   | NFS | Y1  | NFS | *   | Y   | NFS | Y   | NFS | Y1  | Y   | NFS | P   | NFS | *   | NFS | Y   | Y   | Y   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y   | Y   | P   | *   | NCY | NFS | NFS | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| A (31000 MHz - 31300 MHz):<br>c (TDD) 7 MHz  | NFS | *   | Y   | *   | NFS | Y1  | NFS | *   | Y   | Y1  | Y   | NFS | Y1  | Y   | NFS | P   | NFS | *   | NFS | Y   | Y   | Y   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y   | Y   | P   | *   | NCY | NFS | NFS | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| A (31000 MHz - 31300 MHz):<br>b (TDD) 14 MHz   | NFS | *   | Y   | *   | NFS | Y1  | NFS | *   | Y   | Y1  | Y   | NFS | Y1  | Y   | NFS | P   | NFS | *   | NFS | Y   | Y   | Y   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y   | Y   | P   | *   | NCY | NFS | NFS | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| A (31000 MHz - 31300 MHz):<br>a (TDD) 28 MHz   | NFS | *   | Y   | *   | NFS | Y1  | NFS | *   | Y   | Y1  | Y   | NFS | Y1  | Y   | NFS | P   | NP  | *   | NFS | Y   | Y   | Y   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y   | Y   | P   | *   | NCY | NFS | NFS | NFS | *   | NCY | NFS | NFS | Y   | NFS | *   |
| B (31000 MHz - 31150 MHz and 31150 MHz - 31300 MHz):<br>a (FDD) 28 MHz   | NFS | *   | Y   | *   | Y   | Y1  | Y1  | *   | Y   | Y1  | Y   | NFS | Y1  | Y   | NFS | P   | NP  | *   | NFS | Y   | Y   | Y   | P | NFS | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y   | Y   | P   | *   | NCY | Y1  | Y   | NFS | *   | NCY | NFS | NFS | NFS | NFS | *   |
| B (31000 MHz - 31150 MHz and 31150 MHz - 31300 MHz):<br>b (FDD) 14 MHz   | NFS | *   | Y   | *   | Y   | Y1  | Y1  | *   | Y   | Y1  | Y   | NFS | Y1  | Y   | NFS | P   | NFS | *   | NFS | Y   | Y   | Y   | P | NFS | Y1  | NFS | Y   | Y   | Y   | *   | Y   | Y   | Y   | P   | *   | NCY | P   | Y   | NFS | *   | NCY | NFS | NFS | NFS | NFS | *   |
| B (31000 MHz - 31150 MHz and 31150 MHz - 31300 MHz):<br>c (FDD) 7 MHz  | NFS | *   | Y   | *   | Y   | Y1  | Y1  | *   | Y   | Y1  | Y   | NFS | Y1  | Y   | NFS | P   | NFS | *   | NFS | Y   | Y   | Y   | P | NFS | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y   | Y   | P   | *   | NCY | P   | Y   | NFS | *   | NCY | NFS | NFS | NFS | NFS | *   |
| B (31000 MHz - 31150 MHz and 31150 MHz - 31300 MHz):<br>d (FDD) 3.5 MHz  | NFS | *   | Y   | *   | Y   | Y1  | Y1  | *   | Y   | NFS | Y   | NFS | Y1  | Y   | NFS | P   | NFS | *   | NFS | Y   | Y   | Y   | P | NFS | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y   | Y   | P   | *   | NCY | P   | Y   | NFS | *   | NCY | NFS | NFS | NFS | NFS | *   |
| <b>ERC Recommendation (01)02</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>a (FDD) 112 MHz  | NCY | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | NP  | Y1  | Y   | Y1  | Y1  | *   | *   | Y1  | *   | *   | *   | Y | NFS | *   | NFS | Y   | Y1  | L   | *   | Y   | Y   | *   | P   | Y   | NCY | NFS | Y   | Y1  | *   | Y1  | NFS | Y   | Y1  | Y   | *   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>b (FDD) 56 MHz   | NCY | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y   | NP  | Y1  | Y   | Y1  | Y1  | *   | *   | Y1  | *   | *   | *   | Y | NFS | *   | NFS | Y   | Y1  | L   | *   | Y   | Y   | *   | P   | Y   | Y   | Y1  | Y   | Y1  | *   | Y1  | NFS | Y   | Y1  | Y   | *   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>c (FDD) 28 MHz   | NCY | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y   | NP  | Y1  | Y   | NFS | NFS | *   | *   | Y1  | *   | *   | *   | Y | NFS | *   | Y1  | Y   | Y1  | L   | *   | Y   | Y   | *   | P   | Y   | Y   | Y1  | Y   | Y1  | *   | Y1  | Y1  | Y   | Y1  | Y   | *   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>d (FDD) 14 MHz   | NCY | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | Y1  | Y   | NP  | Y1  | Y   | NFS | NFS | *   | *   | Y1  | *   | *   | *   | Y | NFS | *   | Y1  | Y   | Y1  | L   | *   | Y   | Y   | *   | P   | Y   | Y   | Y1  | Y   | Y1  | *   | Y1  | Y1  | Y   | Y1  | Y   | *   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>e (FDD) 7 MHz  | Y1  | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | NFS | Y   | NP  | Y1  | Y   | NFS | NFS | *   | *   | Y1  | *   | *   | *   | Y | NFS | *   | NFS | Y   | Y1  | L   | *   | Y   | Y   | *   | P   | Y   | Y   | Y1  | Y   | Y1  | *   | Y1  | NFS | NFS | Y1  | Y   | *   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>f (FDD) 3.5 MHz  | Y1  | *   | Y   | *   | *   | Y1  | Y1  | *   | *   | NFS | Y   | NP  | Y1  | Y   | NFS | NFS | *   | *   | NFS | *   | *   | *   | Y | NFS | *   | NFS | Y   | Y1  | L   | *   | Y   | Y   | *   | P   | Y   | Y   | Y1  | Y   | Y1  | *   | Y1  | NFS | NFS | Y1  | Y   | *   |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |



| Channel arrangements  | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |   |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| Annex 2 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>a (FDD) 224 MHz | NCY | *   | Y   | *   | *   | Y1  | *   | *   | NFS | *   | *   | NFS | *   | NFS | *   | *   | * | *   | *   | *   | *   | *   | Y   | NFS | *   | *   | *   | *   | NCY | *   | Y   | Y   | *   | P   | Y   | Y   | *   | NFS | Y1  | *   | NCY | *   | Y   | Y1  | *   | *   |   |
| <b>Recommendation T/R 12-01</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>a (FDD) 112 MHz | Y   | *   | Y   | *   | Y   | Y1  | NFS | *   | *   | Y1  | NFS | Y   | Y1  | Y1  | Y1  | NFS | Y | *   | Y1  | Y   | Y   | *   | Y   | Y1  | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y1  | Y   | Y   | NFS | Y3  | Y1  | *   | Y1  | NFS | Y   | *   | Y   | *   |   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>b (FDD) 56 MHz  | Y   | *   | Y   | *   | Y   | Y1  | Y1  | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | Y1  | Y1  | Y | *   | Y1  | Y   | Y   | Y1  | Y   | Y1  | Y1  | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | NFS | Y   | Y   | Y   | *   |   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>c (FDD) 28 MHz  | Y   | *   | Y   | *   | Y   | Y1  | Y1  | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | NP  | Y1  | Y | *   | Y1  | Y   | Y   | Y1  | Y   | Y1  | Y1  | L   | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | L   | Y   | Y   | Y   | *   |   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>d (FDD) 14 MHz  | Y   | *   | Y   | *   | Y   | Y1  | Y1  | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | Y1  | Y1  | Y | *   | Y1  | Y   | Y   | Y1  | Y   | Y1  | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | Y1  | Y   | Y   | Y   | *   |     |   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>e (FDD) 7 MHz   | Y   | *   | NCY | *   | Y   | Y1  | Y1  | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | Y1  | Y1  | Y | *   | Y1  | Y   | Y   | Y1  | Y   | Y1  | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | Y1  | Y   | Y   | Y   | *   |     |   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>f (FDD) 3.5 MHz | Y   | *   | NCY | *   | Y   | Y1  | Y1  | *   | *   | Y1  | Y   | Y   | Y1  | Y1  | Y1  | NFS | Y | *   | Y1  | Y   | Y   | Y1  | Y   | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | Y   | Y1  | Y   | Y   | Y1  | Y3  | Y1  | *   | Y1  | NFS | Y   | Y   | Y   | *   |   |
| Annex 2 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>a (FDD) 224 MHz | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | Y1  | *   | *   | NFS | *   | NFS | *   | * | *   | *   | *   | *   | *   | Y   | Y1  | NCY | *   | *   | *   | Y   | *   | Y   | Y1  | *   | NCY | Y   | NCY | *   | NFS | Y1  | *   | NCY | *   | Y   | *   | *   | *   |   |
| <b>ECC Recommendation (01)04</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| 1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>a (FDD) 500 MHz     | Y   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y1  | NFS | NP  | *   | NFS | * | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | Y3  | *   | Y   | Y3  | *   | NFS | NCY | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |
| 1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>b (FDD) 250 MHz     | Y   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y1  | NFS | NP  | *   | NFS | * | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | Y3  | *   | Y   | Y3  | *   | NFS | NCY | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |
| 1 (TDD) (40500 MHz - 43500 MHz):<br>c (TDD) 250 MHz                               | Y   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y1  | NFS | NP  | *   | NFS | * | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | Y3  | *   | Y   | Y3  | *   | NFS | NCY | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |
| 1 (TDD) (40500 MHz - 43500 MHz):<br>b (TDD) 500 MHz                               | Y   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y1  | NFS | NP  | *   | NFS | * | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | Y3  | *   | NFS | NCY | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |
| 1 (TDD) (40500 MHz - 43500 MHz):<br>a (TDD) 1000 MHz                              | Y   | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y1  | NFS | NP  | *   | NFS | * | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | Y2  | *   | NFS | NCY | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |
| 2 (TDD) (40500 MHz - 43500 MHz):<br>a (TDD) 1 MHz                                 | NCY | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | Y1  | NFS | NP  | *   | NFS | * | *   | NFS | *   | *   | *   | NFS | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | Y3  | *   | NFS | NCY | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>a (FDD) 224 MHz     | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | Y1  | NFS | NP  | NFS | NFS | * | *   | NFS | *   | *   | *   | Y   | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | P   | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>b (FDD) 224 MHz     | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | Y1  | NFS | NP  | *   | Y1  | * | *   | NFS | *   | *   | *   | Y   | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>c (FDD) 112 MHz     | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y1  | NFS | NP  | NFS | NFS | * | *   | Y1  | *   | *   | *   | Y   | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | Y1  | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   | * |

\* = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>d (FDD) 112 MHz  | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | NFS | Y1  | NFS | NP  | *   | Y1  | *   | *   | *   | *   | *   | *   | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>e (FDD) 56 MHz   | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y1  | NFS | NP  | NFS | NFS | *   | *   | Y1  | *   | *   | *   | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | P   | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>f (FDD) 56 MHz   | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | NFS | Y1  | NFS | NP  | *   | NFS | *   | *   | *   | *   | *   | *   | Y | Y1  | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | NFS | P   | NFS | *   | *   | Y1  | NFS | *   | *   | *   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>g (FDD) 28 MHz   | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y1  | NFS | NP  | NFS | NFS | *   | *   | Y1  | *   | *   | *   | Y | Y1  | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | P   | P   | NFS | *   | *   | Y1  | NFS | *   | *   | *   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>h (FDD) 28 MHz   | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | NFS | Y1  | NFS | NP  | *   | NFS | *   | *   | *   | *   | *   | *   | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>i (FDD) 14 MHz   | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | Y1  | Y1  | NFS | NP  | NFS | NFS | *   | *   | Y1  | *   | *   | *   | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | P   | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>j (FDD) 14 MHz   | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | Y1  | NFS | Y1  | NFS | NP  | *   | NFS | *   | *   | *   | *   | *   | *   | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>k (FDD) 7 MHz  | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | NFS | Y1  | Y1  | NFS | NP  | NFS | NFS | *   | *   | Y1  | *   | *   | *   | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | P   | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>l (FDD) 7 MHz  | NCY | *   | Y   | *   | *   | Y1  | NFS | *   | *   | NFS | NP  | Y1  | NFS | NP  | *   | NFS | *   | *   | *   | *   | *   | *   | Y | Y1  | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y3  | *   | NFS | Y   | Y   | NFS | P   | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| <b>ERC Recommendation 12-11</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>a (FDD) 112 MHz  | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | Y   | Y   | *   | *   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>b (FDD) 56 MHz   | Y1  | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | Y   | NFS | NP  | NFS | P   | Y   | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | Y1  | NFS | NFS | *   | *   | NFS | Y   | Y   | *   | *   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>c (FDD) 28 MHz   | Y1  | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | Y   | NFS | NP  | NFS | P   | Y   | *   | NFS | *   | *   | *   | P | NFS | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | Y1  | Y   | Y   | *   | *   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>d (FDD) 14 MHz   | Y1  | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | Y   | NFS | NP  | NFS | P   | Y   | *   | NFS | *   | *   | *   | P | NFS | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | Y1  | Y   | Y   | *   | *   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>e (FDD) 7 MHz  | Y1  | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | Y   | NFS | NP  | NFS | P   | Y   | *   | NFS | *   | *   | *   | P | NFS | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | Y1  | Y   | Y   | *   | *   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>f (FDD) 3.5 MHz  | Y1  | *   | NCY | *   | *   | Y1  | Y1  | *   | *   | Y1  | NFS | Y   | NFS | NP  | NFS | P   | Y   | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | Y   | Y   | *   | *   |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>a (FDD) 112 MHz  | Y   | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>b (FDD) 56 MHz   | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | Y1  | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>c (FDD) 28 MHz   | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>d (FDD) 14 MHz   | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>e (FDD) 7 MHz  | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>f (FDD) 3.5 MHz  | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>a (FDD) 224 MHz  | Y1  | *   | Y   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | *   | Y1  | *   | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | Y2  | Y   | NCY | NFS | Y   | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>b (FDD) 112 MHz  | Y1  | *   | Y   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | *   | Y1  | *   | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | Y2  | Y   | NCY | NFS | Y   | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>c (FDD) 56 MHz   | Y1  | *   | Y   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | *   | Y1  | *   | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | Y2  | Y   | NCY | NFS | Y   | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>d (FDD) 28 MHz   | Y1  | *   | Y   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | *   | Y1  | *   | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | Y2  | Y   | NCY | NFS | Y   | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>e (FDD) 14 MHz   | Y1  | *   | Y   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | *   | Y1  | *   | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | Y2  | Y   | NCY | NFS | Y   | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>a (FDD) 224 MHz  | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | *   | NFS | P   | NFS | *   | L   | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | NCY | *   | Y   | NCY | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>b (FDD) 112 MHz  | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | *   | NFS | P   | NFS | *   | *   | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>c (FDD) 56 MHz   | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | NFS | NFS | *   | NFS | *   | NFS | P   | NFS | *   | *   | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | NCY | *   | NCY | Y1  | NFS | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>d (FDD) 28 MHz   | Y1  | *   | UST | *   | *   | Y1  | NFS | *   | *   | Y1  | NFS | *   | NFS | *   | NFS | P   | NFS | *   | *   | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>e (FDD) 14 MHz   | Y1  | *   | NCY | *   | *   | Y1  | NFS | *   | *   | Y1  | NFS | *   | NFS | *   | NFS | P   | NFS | *   | *   | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | NCY | *   | NCY | P   | NFS | NFS | *   | *   | NFS | *   | *   | *   | *   |
| 4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz):<br>a (FDD) 14 MHz   | Y1  | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | *   | NFS | *   | NFS | P   | NFS | *   | *   | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | NCY | *   | NCY | NFS | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| 4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz):<br>b (FDD) 7 MHz  | Y1  | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | *   | NFS | *   | NFS | P   | NFS | *   | *   | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | NCY | *   | NCY | NFS | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| 4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz):<br>c (FDD) 3.5 MHz  | Y1  | *   | NCY | *   | *   | NCY | NFS | *   | *   | NFS | NFS | *   | NFS | *   | NFS | P   | NFS | *   | *   | *   | *   | *   | P | NFS | NCY | NFS | Y   | NCY | Y   | *   | Y   | NCY | *   | NCY | *   | NCY | NFS | NFS | NFS | *   | *   | NFS | Y   | *   | *   | *   |
| <b>ERC Recommendation 12-12</b>  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| A (TDD) (55780 MHz - 57000 MHz):<br>e (TDD) 3.5 MHz  | NCY | *   | *   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | NFS | Y1  | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | Y   | NCY | NFS | NFS | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| A (TDD) (55780 MHz - 57000 MHz):<br>d (TDD) 7 MHz  | NCY | *   | *   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | NFS | Y1  | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | Y   | NCY | NFS | NFS | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| A (TDD) (55780 MHz - 57000 MHz):<br>c (TDD) 14 MHz   | NCY | *   | *   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | NFS | Y1  | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | Y   | NCY | NFS | NFS | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| A (TDD) (55780 MHz - 57000 MHz):<br>b (TDD) 28 MHz   | NCY | *   | *   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | NFS | Y1  | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | Y   | NCY | NFS | NFS | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| A (TDD) (55780 MHz - 57000 MHz):<br>a (TDD) 56 MHz   | NCY | *   | *   | *   | *   | NCY | NFS | *   | *   | NFS | NFS | NFS | Y1  | NP  | NFS | P   | NFS | *   | NFS | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | Y   | NCY | NFS | NFS | NFS | *   | *   | NFS | NFS | *   | *   | *   |
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>a (FDD) 56 MHz   | NCY | *   | *   | *   | *   | Y1  | Y1  | *   | *   | NFS | NFS | Y   | Y1  | NP  | NFS | P   | Y   | *   | Y1  | *   | *   | *   | P | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | Y2  | Y   | NCY | Y1  | Y   | NFS | *   | *   | NFS | NFS | Y   | *   | *   |
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>b (FDD) 28 MHz   | NCY | *   | *   | *   | *   | Y1  | Y1  | *   | *   | NFS | Y   | Y   | Y1  | NP  | NFS | P   | Y   | *   | Y1  | *   | *   | *   | P | NFS | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | *   | Y2  | Y   | NCY | P   | Y   | NFS | *   | *   | Y1  | NFS | Y   | *   | *   |
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>c (FDD) 14 MHz   | NCY | *   | *   | *   | *   | Y1  | Y1  | *   | *   | NFS | Y   | Y   | Y1  | NP  | NFS | P   | Y   | *   | Y1  | *   | *   | *   | P | NFS | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | *   | Y2  | Y   | NCY | P   | Y   | NFS | *   | *   | Y1  | NFS | Y   | *   | *   |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D   | DNK | E   | EST | F   | FIN | G   | GEO | GRC | HNG | HOL | HRV | I   | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |   |   |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>d (FDD) 7 MHz  | NCY | *   | *   | *   | NCY | Y1  | *   | *   | NFS | Y   | Y   | Y1  | NP  | NFS | P   | Y   | *   | Y1  | *   | *   | *   | P   | NFS | NCY | Y1  | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | Y   | NCY | P   | Y   | NFS | *   | *   | Y1  | NFS | Y   | *   | *   |     |   |   |
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>e (FDD) 3.5 MHz  | NCY | *   | *   | *   | NCY | Y1  | *   | *   | NFS | Y   | Y   | Y1  | NP  | NFS | P   | Y   | *   | Y1  | *   | *   | *   | P   | NFS | NCY | NFS | Y   | Y1  | Y   | *   | Y   | Y1  | *   | NCY | Y   | NCY | P   | Y   | NFS | *   | *   | NFS | NFS | Y   | *   | *   |     |   |   |
| <b>ECC Recommendation (05)07</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |
| 1 (used for FDD or TDD) (71000 MHz - 76000 MHz):<br>a (FDD or TDD) 250 MHz   | Y   | Y   | L   | *   | *   | L   | NFS | *   | *   | Y2  | Y   | NFS | Y   | NP  | NFS | NFS | Y2  | *   | Y   | Y   | Y   | Y   | *   | Y   | Y1  | NFS | Y2  | Y1  | Y   | *   | Y   | Y1  | Y   | NCY | Y4  | Y   | Y1  | NFS | Y1  | *   | Y2  | NFS | Y   | Y   | Y   | *   |   |   |
| 2 (TDD or FDD) (81000 MHz - 86000 MHz):<br>a (FDD or TDD) 250 MHz  | Y   | Y   | L   | *   | *   | L   | NFS | *   | *   | Y2  | Y   | NFS | Y   | NP  | NFS | NFS | Y2  | *   | Y   | Y   | Y   | Y   | *   | Y   | Y1  | NFS | Y2  | Y1  | Y   | *   | Y   | Y1  | Y   | NCY | Y4  | Y   | Y1  | NFS | Y1  | *   | Y2  | NFS | Y   | Y   | Y   | Y   | * |   |
| 3 (FDD) (71000 MHz - 76000 MHz and 81000 MHz - 86000 MHz):<br>a (FDD) 250 MHz  | Y   | Y   | L   | *   | *   | L   | Y1  | *   | *   | Y2  | Y   | Y   | Y   | Y1  | Y1  | Y1  | Y   | *   | Y   | Y   | Y   | Y   | Y   | Y   | Y1  | Y1  | Y2  | Y1  | Y   | *   | Y   | Y1  | Y   | Y2  | Y4  | Y   | Y1  | Y   | Y1  | *   | Y2  | Y1  | Y   | Y   | Y   | Y   | Y | * |
| <b>ECC Recommendation (14)01</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |
| A (TDD) (92000 MHz - 95000 MHz):<br>c (TDD) 50 MHz   | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | UST | NFS | NFS | NCY | *   | NFS | P   | NCY | *   | NFS | *   | *   | *   | P   | NFS | NCY | P   | NCY | Y1  | NCY | *   | Y   | *   | *   | NCY | *   | NCY | NFS | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| A (TDD) (92000 MHz - 95000 MHz):<br>d (TDD) 50 MHz   | L   | *   | UST | *   | *   | NCY | NFS | *   | *   | UST | NFS | NFS | NCY | *   | *   | P   | NCY | *   | NFS | *   | *   | *   | P   | NFS | NCY | P   | NCY | Y1  | NCY | *   | Y   | *   | *   | NCY | *   | NCY | NFS | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| A (TDD) (92000 MHz - 95000 MHz):<br>a (TDD) 100 MHz  | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | UST | NFS | NFS | NCY | *   | NFS | P   | NCY | *   | NFS | *   | *   | *   | P   | NFS | NCY | P   | NCY | Y1  | NCY | *   | Y   | *   | *   | NCY | *   | NCY | NFS | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| A (TDD) (92000 MHz - 95000 MHz):<br>b (TDD) 100 MHz  | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | UST | NFS | NFS | NCY | *   | *   | P   | NCY | *   | NFS | *   | *   | *   | P   | NFS | NCY | P   | NCY | Y1  | NCY | *   | Y   | *   | *   | NCY | *   | NCY | NFS | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| B (FDD) (92000 MHz - 93500 MHz and 93500 MHz - 95000 MHz):<br>a (FDD) 100 MHz  | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | UST | NFS | P   | NCY | *   | NFS | P   | NCY | *   | NFS | *   | *   | *   | P   | NFS | NCY | P   | NCY | Y1  | NCY | *   | Y   | *   | *   | NCY | *   | NCY | Y1  | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| B (FDD) (92000 MHz - 93500 MHz and 93500 MHz - 95000 MHz):<br>b (FDD) 100 MHz  | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | UST | NFS | P   | NCY | *   | *   | P   | NCY | *   | NFS | *   | *   | *   | P   | NFS | NCY | P   | NCY | Y1  | NCY | *   | Y   | *   | *   | NCY | *   | NCY | NFS | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| B (FDD) (92000 MHz - 93500 MHz and 93500 MHz - 95000 MHz):<br>c (FDD) 50 MHz   | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | UST | NFS | P   | NCY | *   | NFS | P   | NCY | *   | NFS | *   | *   | *   | P   | NFS | NCY | P   | NCY | Y1  | NCY | *   | Y   | *   | *   | NCY | *   | NCY | Y1  | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| B (FDD) (92000 MHz - 93500 MHz and 93500 MHz - 95000 MHz):<br>d (FDD) 50 MHz   | L   | *   | NCY | *   | *   | NCY | NFS | *   | *   | UST | NFS | P   | NCY | *   | *   | P   | NCY | *   | NFS | *   | *   | *   | P   | NFS | NCY | P   | NCY | Y1  | NCY | *   | Y   | *   | *   | NCY | *   | NCY | NFS | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| <b>ECC Recommendation (18)01</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |
| 1 sub-band a (130000 MHz - 134000 MHz):<br>a (FDD and/or TDD) 250 MHz  | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | *   | *   | NCY | *   | NFS | P   | *   | *   | *   | *   | *   | *   | *   | NFS | NCY | P   | *   | *   | NCY | *   | UST | Y1  | NCY | NCY | *   | NCY | *   | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| 1 sub-band b (141000 MHz - 148500 MHz):<br>a (FDD and/or TDD) 250 MHz  | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | *   | *   | NCY | *   | NFS | P   | *   | *   | *   | *   | *   | *   | *   | NFS | NCY | P   | *   | *   | NCY | *   | UST | Y1  | NCY | NCY | *   | NCY | *   | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| 1 sub-band c (151500 MHz - 164000 MHz):<br>a (FDD and/or TDD) 250 MHz  | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | *   | *   | NCY | *   | NFS | P   | *   | *   | *   | *   | *   | *   | *   | NFS | NCY | P   | *   | *   | *   | UST | Y1  | NCY | NCY | *   | NCY | *   | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |     |   |   |
| 1 sub-band d (167000 MHz - 174800 MHz):<br>a (FDD and/or TDD) 250 MHz  | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | *   | *   | NCY | *   | NFS | P   | *   | *   | *   | *   | *   | *   | *   | NFS | NCY | P   | *   | *   | NCY | *   | UST | Y1  | NCY | NCY | *   | NCY | *   | UST | NCY | *   | *   | P   | NFS | Y   | *   | *   |   |   |
| <b>ECC Recommendation (18)02</b>   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |
| 1 sub-band a (92000 MHz - 94000 MHz):<br>a (TDD) 250 MHz   | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | *   | *   | NCY | *   | NFS | P   | *   | *   | *   | *   | *   | *   | P   | NFS | NCY | UST | *   | *   | NCY | *   | UST | Y   | *   | NCY | *   | NCY | *   | UST | NCY | *   | *   | UST | NFS | *   | *   |     |   |   |
| 1 sub-band b (94100 MHz - 100000 MHz):<br>a (TDD) 250 MHz  | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | *   | *   | NCY | *   | NFS | P   | *   | *   | *   | *   | *   | *   | P   | NFS | NCY | UST | *   | *   | NCY | *   | UST | Y   | *   | NCY | *   | NCY | *   | UST | NCY | *   | *   | UST | NFS | *   | *   |     |   |   |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |

| Channel arrangements   | ALB | AND | AUT | AZE | BEL | BIH | BUL | CVA | CYP | CZE | D | DNK | E   | EST | F   | FIN | G | GEO | GRC | HNG | HOL | HRV | I | IRL | ISL | LIE | LTU | LUX | LVA | MCO | MDA | MKD | MLT | MNE | NOR | POL | POR | ROU | S   | SMR | SRB | SUI | SVK | SVN | TUR | UKR |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 sub-band c (102000 MHz - 109500 MHz):<br>a (TDD) 250 MHz   | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | * | *   | NCY | *   | NFS | P   | * | *   | *   | *   | *   | *   | P | NFS | NCY | UST | *   | *   | NCY | *   | UST | Y   | *   | NCY | *   | NCY | *   | UST | NCY | *   | *   | UST | NFS | *   | *   | *   |
| 1 sub-band d (111800 MHz - 114250 MHz):<br>a (TDD) 250 MHz   | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | * | *   | NCY | *   | NFS | P   | * | *   | *   | *   | *   | *   | P | NFS | NCY | UST | *   | *   | NCY | *   | UST | Y   | *   | NCY | *   | NCY | *   | UST | NCY | *   | *   | UST | NFS | *   | *   | *   |
| 2.1 (92125 MHz - 93875 MHz and 104125 MHz - 105875 MHz):<br>a (FDD) 250 MHz  | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | * | *   | NCY | *   | NFS | P   | * | *   | *   | *   | *   | *   | P | NFS | NCY | UST | *   | *   | NCY | *   | UST | Y   | *   | NCY | *   | NCY | *   | UST | NCY | *   | *   | UST | NFS | *   | *   | *   |
| 2.2 (94325 MHz - 97825 MHz and 105875 MHz - 109375 MHz):<br>a (FDD) 250 MHz  | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | * | *   | NCY | *   | NFS | P   | * | *   | *   | *   | *   | *   | P | NFS | NCY | UST | *   | *   | NCY | *   | UST | Y   | *   | NCY | *   | NCY | *   | UST | NCY | *   | *   | UST | NFS | *   | *   | *   |
| 2.3 (97825 MHz - 99825 MHz and 112025 MHz - 114025 MHz):<br>a (FDD) 250 MHz  | NCY | *   | Y   | *   | *   | Y1  | *   | *   | *   | UST | * | *   | NCY | *   | NFS | P   | * | *   | *   | *   | *   | *   | P | NFS | NCY | UST | *   | *   | NCY | *   | UST | Y   | *   | NCY | *   | NCY | *   | UST | NCY | *   | *   | UST | NFS | *   | *   | *   |
| * = No info NP = National plan NFS = FS not allowed P = Planned L = Limited implementation Y = Implemented Y1 = Link by link assignment Y2 = Light license registration Y3 = Block assignment Y4 = Licence-exempt R = Refarming UST = Under study NCY = Not considered yet |     |     |     |     |     |     |     |     |     |     |   |     |     |     |     |     |   |     |     |     |     |     |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

## ANNEX 3: NATIONAL RESTRICTIONS

| Frequency Band  | Country        | Implementation          | Reason/remarks  |
|---|----------------|-------------------------|---|
| <b>Recommendation T/R 13-01</b>                                     |                |                         |   |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>a (FDD) 3.5 MHz | Austria        | FS not allowed          | FS applications phasing out   |
|   | Estonia        | FS not allowed          | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.                 |
|   | Finland        | Link by link assignment | 1359-1374 MHz FWA TDD only.   |
|   | Latvia         | Not considered yet      | Not implemented   |
|   | Spain          | FS not allowed          | Military use in the band 1350-1400 MHz  |
|   | United Kingdom | Implemented             | Please note that this band is no longer available for new fixed wireless links or technical variations. |
|   | Croatia        | No info                 | Military use  |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>b (FDD) 2 MHz   | Austria        | FS not allowed          | FS applications phasing out   |
|   | Estonia        | FS not allowed          | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.                 |
|   | Latvia         | Not considered yet      | Not implemented   |
|   | Spain          | FS not allowed          | Military use in the band 1350-1400 MHz  |
|   | United Kingdom | Implemented             | Please note that this band is no longer available for new fixed wireless links or technical variations. |
|   | Croatia        | No info                 | Military use  |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>c (FDD) 1 MHz   | Austria        | FS not allowed          | FS applications phasing out   |
|   | Estonia        | FS not allowed          | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.                 |
|   | Ireland        | Limited implementation  | Implementation is limited to the following sub-band: 1370-1375 MHz paired with 1512 -1517 MHz.          |
|   | Latvia         | Not considered yet      | Not implemented   |
|   | Spain          | FS not allowed          | Military use in the band 1350-1400 MHz  |
|   | United Kingdom | Implemented             | Please note that this band is no longer available for new fixed wireless links or technical variations. |
|   | Croatia        | No info                 | Military use  |

| Frequency Band  | Country        | Implementation         | Reason/remarks  |
|---|----------------|------------------------|---|
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>d (FDD) 0.5 MHz   | Austria        | FS not allowed         | FS applications phasing out   |
|   | Estonia        | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.ull  |
|   | Ireland        | Limited implementation | Implementation is limited to the following sub-band: 1370-1375 MHz paired with 1512 -1517 MHz.  |
|   | Latvia         | Not considered yet     | Not implemented   |
|   | Spain          | FS not allowed         | Military use in the band 1350-1400 MHz  |
|   | United Kingdom | Implemented            | Please note that this band is no longer available for new fixed wireless links or technical variations.   |
|   | Croatia        | No info                | Military use  |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>e (FDD) 0.25 MHz  | Austria        | FS not allowed         | FS applications phasing out   |
|   | Estonia        | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.null   |
|   | Ireland        | Limited implementation | Implementation is limited to the following sub-band: 1370-1375 MHz paired with 1512 -1517 MHz.  |
|   | Latvia         | Not considered yet     | Not implemented   |
|   | Spain          | FS not allowed         | Military use in the band 1350-1400 MHz  |
|   | United Kingdom | Implemented            | 75 kHz implemented in the UK. For 75 kHz channel spacing use the 0.025 MHz formula restricted to n = 2, 5, 8, .....<br><br>Please note that this band is no longer available for new fixed wireless links or technical variations.                            |
|   | Croatia        | No info                | Military use  |
| A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz):<br>f (FDD) 0.025 MHz | Austria        | FS not allowed         | FS applications phasing out   |
|   | Estonia        | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.II   |
|   | Latvia         | Not considered yet     | Not implemented   |
|   | Spain          | FS not allowed         | Military use in the band 1350-1400 MHz  |
|   | United Kingdom | Implemented            | In addition, 75 kHz channels also implemented in the UK. For 75 kHz channel spacing use the 0.025 MHz formula restricted to n = 2, 5, 8, .....<br><br>Please note that this band is no longer available for new fixed wireless links or technical variations. |

| Frequency Band   | Country | Implementation         | Reason/remarks  |
|--|---------|------------------------|---|
|  | Croatia | No info                | Military use  |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>a (FDD) 3.5 MHz  | Austria | FS not allowed         | FS applications phasing out   |
|  | Estonia | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.         |
|  | Latvia  | Not considered yet     | Not implemented   |
|  | Croatia | No info                | Military use  |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>b (FDD) 2 MHz    | Austria | FS not allowed         | FS applications phasing out   |
|  | Estonia | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.         |
|  | Latvia  | Not considered yet     | Not implemented   |
|  | Croatia | No info                | Military use  |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>c (FDD) 1 MHz    | Austria | FS not allowed         | FS applications phasing out   |
|  | Estonia | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.         |
|  | Ireland | Limited implementation | Implementation is limited to the following sub-band: 1375 -1385 MHz paired with 1427 -1437 MHz. |
|  | Latvia  | Not considered yet     | Not implemented   |
|  | Croatia | No info                | Military use  |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>d (FDD) 0.5 MHz  | Austria | FS not allowed         | FS applications phasing out   |
|  | Estonia | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.         |
|  | Ireland | Limited implementation | Implementation is limited to the following sub-band: 1375 -1385 MHz paired with 1427 -1437 MHz. |
|  | Latvia  | Not considered yet     | Not implemented   |
|  | Croatia | No info                | Military use  |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>e (FDD) 0.25 MHz | Austria | FS not allowed         | FS applications phasing out   |
|  | Estonia | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.         |
|  | Ireland | Limited implementation | Implementation is limited to the following sub-band: 1375 -1385 MHz paired with 1427 -1437 MHz. |
|  | Latvia  | Not considered yet     | Not implemented   |



| Frequency Band  | Country    | Implementation         | Reason/remarks   |
|---|------------|------------------------|--|
|   | Croatia    | No info                | Military use   |
| B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz):<br>f (FDD) 0.025 MHz | Austria    | FS not allowed         | FS applications phasing out  |
|   | Estonia    | FS not allowed         | The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.  |
|   | Latvia     | Not considered yet     | Not implemented  |
|   | Croatia    | No info                | Military use   |
| C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz):<br>a (FDD) 14 MHz    | Estonia    | Limited implementation | Limited to 2075.25-2110 MHz and 2250.25-2290 MHz   |
|   | Finland    | FS not allowed         | 2025-2070/2200-2245 MHz Military use and 2070-2110/2245-2290 MHz Wireless camera, for events only.   |
|   | Hungary    | Limited implementation | Implemented for the bands 2070-2110 MHz and 2245-2290 MHz<br>General Remark: National footnotes H129, H150 of the National Table of Frequency Allocations, which was published by Decree No. 15/2012 (XII.29.)NMHH, and Decree No. 2/2013 (I.7.) |
|   | Latvia     | Implemented            | Implemented in frequency bands 2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz (Configuration PP)  |
|   | Luxembourg | FS not allowed         | Military use only  |
| C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz):<br>b (FDD) 7 MHz     | Estonia    | Limited implementation | Limited to 2075.25-2110 MHz and 2250.25-2290 MHz   |
|   | Finland    | FS not allowed         | 2025-2070/2200-2245 MHz Military use and 2070-2110/2245-2290 MHz Wireless camera, for events only.   |
|   | Hungary    | Limited implementation | Implemented for the bands 2070-2110 MHz and 2245-2290 MHz<br>General Remark: National footnotes H129, H150 of the National Table of Frequency Allocations, which was published by Decree No. 15/2012 (XII.29.)NMHH, and Decree No. 2/2013 (I.7.) |
|   | Latvia     | Implemented            | Implemented in frequency bands 2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz (Configuration PP)  |
|   | Luxembourg | FS not allowed         | Military use only  |
|   | Slovakia   | National plan          | 2080-2110 MHz return channel MMDS; 2245-2300 MHz, 8 MHz spacing MMDS   |
| C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz):<br>c (FDD) 3.5 MHz   | Estonia    | Limited implementation | Limited to 2075.25-2110 MHz and 2250.25-2290 MHz   |
|   | Finland    | FS not allowed         | 2025-2070/2200-2245 MHz Military use and 2070-2110/2245-2290 MHz Wireless camera, for events only.   |
|   | Hungary    | Limited implementation | Implemented for the bands 2070-2110 MHz and 2245-2290 MHz<br>General Remark: National footnotes H129, H150 of the National Table of Frequency Allocations, which was published by Decree No. 15/2012 (XII.29.)NMHH, and Decree No. 2/2013 (I.7.) |

| Frequency Band  | Country        | Implementation          | Reason/remarks   |
|---|----------------|-------------------------|--|
|   | Latvia         | Implemented             | Implemented in frequency bands 2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz (Configuration PP)  |
|   | Luxembourg     | FS not allowed          | Military use only  |
| C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz):<br>d (FDD) 1.75 MHz      | Estonia        | Limited implementation  | Limited to 2075.25-2110 MHz and 2250.25-2290 MHz   |
|   | Finland        | FS not allowed          | 2025-2070/2200-2245 MHz Military use and 2070-2110/2245-2290 MHz Wireless camera, for events only.   |
|   | Hungary        | Limited implementation  | Implemented for the bands 2070-2110 MHz and 2245-2290 MHz<br>General Remark: National footnotes H129, H150 of the National Table of Frequency Allocations, which was published by Decree No. 15/2012 (XII.29.)NMHH, and Decree No. 2/2013 (I.7.) |
|   | Latvia         | Implemented             | Implemented in frequency bands 2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz (Configuration PP)  |
|   | Luxembourg     | FS not allowed          | Military use only  |
| <b>ERC Recommendation 12-08</b>   |                |                         |  |
| A Part 1 (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz):<br>a (FDD) 40 MHz | Austria        | Not considered yet      | not implemented  |
|   | Bulgaria       | Limited implementation  | The use of the frequency band 3600-4200 MHz is limited to the use of existing networks of the fixed service.   |
|   | Finland        | Link by link assignment | Not for new equipment.   |
|   | Ireland        | FS not allowed          | There are no FDD FS operating in Ireland.  |
|   | Latvia         | Not considered yet      | Not Implemented  |
| A Part 1 (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz):<br>b (FDD) 20 MHz | Austria        | Not considered yet      | not implemented  |
|   | Ireland        | FS not allowed          | There are no FDD FS operating in Ireland.  |
|   | Latvia         | Not considered yet      | Not Implemented  |
| A Part 2 (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz):<br>a (FDD) 30 MHz | Austria        | Not considered yet      | not implemented  |
|   | Ireland        | FS not allowed          | There are no FDD FS operating in Ireland.  |
|   | Latvia         | Not considered yet      | Not Implemented  |
|   | United Kingdom | Implemented             | in accordance with ITU-R Rec.F.635   |

| Frequency Band   | Country                | Implementation          | Reason/remarks                            |
|--|------------------------|-------------------------|---|
| A Part 2 (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz):<br>b (FDD) 15 MHz  | Austria                | Not considered yet      | not implemented                           |
|  | Ireland                | FS not allowed          | There are no FDD FS operating in Ireland. |
|  | Latvia                 | Not considered yet      | Not Implemented                           |
| B Part 1 (3800 MHz - 4000 MHz and 4000 MHz - 4200 MHz):<br>a (FDD) 29 MHz  | Austria                | Link by link assignment | and 58 MHz channels permitted             |
|  | Finland                | Link by link assignment | Not for new equipment.                    |
|  | Ireland                | FS not allowed          | There are no FDD FS operating in Ireland. |
|  | Latvia                 | Not considered yet      | Not Implemented                           |
| B Part 2 Point-to-Multipoint (3600 MHz - 3800 MHz):<br>a (TDD) 0.25 MHz  | Austria                | Not considered yet      | not implemented<br>MFCN                   |
|  | Bosnia and Herzegovina | Link by link assignment | TDD distribution n* 5 MHz blocks          |
|  | Latvia                 | Not considered yet      | Not Implemented                           |
| B Part 2 (50 MHz arrangement) Point-to-Multipoint 3600-3700 MHz (3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>a (FDD) 0.25 MHz | Austria                | Not considered yet      | not implemented<br>MFCN                   |
|  | Ireland                | FS not allowed          | There are no FDD FS operating in Ireland. |
|  | Latvia                 | Not considered yet      | Not Implemented                           |
| B Part 2 (50 MHz arrangement) Point-to-Multipoint 3700-3800 MHz (3700 MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>a (FDD) 0.25 MHz | Austria                | Not considered yet      | not implemented<br>MFCN                   |
|  | Ireland                | FS not allowed          | There are no FDD FS operating in Ireland. |
|  | Latvia                 | Not considered yet      | Not Implemented                           |
| B Part 2 (100 MHz arrangement) Point-to-Multipoint (3600 MHz - 3700 MHz and 3700 MHz - 3800 MHz):<br>a (FDD) 0.25 MHz              | Austria                | Not considered yet      | not implemented<br>MFCN                   |
|  | Ireland                | FS not allowed          | There are no FDD FS operating in Ireland. |
|  | Latvia                 | Not considered yet      | Not Implemented                           |
| B Part 2 (50 MHz arrangements) Point-to-Point 3600-3700 MHz (3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>a (FDD) 14 MHz       | Austria                | Not considered yet      | not implemented<br>MFCN                   |
|  | Ireland                | FS not allowed          | There are no FDD FS operating in Ireland. |
|  | Latvia                 | Not considered yet      | Not Implemented                           |

| Frequency Band   | Country | Implementation     | Reason/remarks                            |
|--|---------|--------------------|---|
| B Part 2 (50 MHz arrangements) Point-to-Point 3600-3700 MHz (3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>b (FDD) 7 MHz    | Austria | Not considered yet | not implemented<br>MFCN                   |
|  | Ireland | FS not allowed     | There are no FDD FS operating in Ireland. |
|  | Latvia  | Not considered yet | Not Implemented                           |
| B Part 2 (50 MHz arrangements) Point-to-Point 3600-3700 MHz (3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>c (FDD) 3.5 MHz  | Austria | Not considered yet | not implemented<br>MFCN                   |
|  | Ireland | FS not allowed     | There are no FDD FS operating in Ireland. |
|  | Latvia  | Not considered yet | Not Implemented                           |
| B Part 2 (50 MHz arrangements) Point-to-Point 3600-3700 MHz (3600 MHz - 3650 MHz and 3650 MHz - 3700 MHz):<br>d (FDD) 1.75 MHz | Austria | Not considered yet | not implemented<br>MFCN                   |
|  | Ireland | FS not allowed     | There are no FDD FS operating in Ireland. |
|  | Latvia  | Not considered yet | Not Implemented                           |
| B Part 2 (50 MHz arrangement) Point-Point 3700-3800 MHz (3700 MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>a (FDD) 14 MHz       | Austria | Not considered yet | not implemented<br>MFCN                   |
|  | Ireland | FS not allowed     | There are no FDD FS operating in Ireland. |
|  | Latvia  | Not considered yet | Not Implemented                           |
| B Part 2 (50 MHz arrangement) Point-Point 3700-3800 MHz (3700 MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>b (FDD) 7 MHz        | Austria | Not considered yet | not implemented<br>MFCN                   |
|  | Ireland | FS not allowed     | There are no FDD FS operating in Ireland. |
|  | Latvia  | Not considered yet | Not Implemented                           |
| B Part 2 (50 MHz arrangement) Point-Point 3700-3800 MHz (3700 MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>c (FDD) 3.5 MHz      | Austria | Not considered yet | not implemented<br>MFCN                   |
|  | Ireland | FS not allowed     | There are no FDD FS operating in Ireland. |
|  | Latvia  | Not considered yet | Not Implemented                           |
| B Part 2 (50 MHz arrangement) Point-Point 3700-3800 MHz (3700 MHz - 3750 MHz and 3750 MHz - 3800 MHz):<br>d (FDD) 1.75 MHz     | Austria | Not considered yet | not implemented<br>MFCN                   |
|  | Ireland | FS not allowed     | There are no FDD FS operating in Ireland. |
|  | Latvia  | Not considered yet | Not Implemented                           |

| Frequency Band  | Country                | Implementation             | Reason/remarks   |
|---|------------------------|----------------------------|--|
| B Part 2 (100 MHz arrangements) Point-to-Point (3600 MHz - 3700 MHz and 3700 MHz - 3800 MHz):<br>a (FDD) 14 MHz   | Austria                | Under study                | not implemented<br>MFCN  |
|   | Ireland                | FS not allowed             | There are no FDD FS operating in Ireland.                                      |
|   | Latvia                 | Not considered yet         | Not Implemented  |
| B Part 2 (100 MHz arrangements) Point-to-Point (3600 MHz - 3700 MHz and 3700 MHz - 3800 MHz):<br>b (FDD) 7 MHz    | Austria                | Not considered yet         | not implemented<br>MFCN  |
|   | Ireland                | FS not allowed             | There are no FDD FS operating in Ireland.                                      |
|   | Latvia                 | Not considered yet         | Not Implemented  |
| B Part 2 (100 MHz arrangements) Point-to-Point (3600 MHz - 3700 MHz and 3700 MHz - 3800 MHz):<br>c (FDD) 3.5 MHz  | Austria                | Not considered yet         | not implemented<br>MFCN  |
|   | Ireland                | FS not allowed             | There are no FDD FS operating in Ireland.                                      |
|   | Latvia                 | Not considered yet         | Not Implemented  |
| B Part 2 (100 MHz arrangements) Point-to-Point (3600 MHz - 3700 MHz and 3700 MHz - 3800 MHz):<br>d (FDD) 1.75 MHz | Austria                | Not considered yet         | not implemented<br>MFCN  |
|   | Ireland                | FS not allowed             | There are no FDD FS operating in Ireland.                                      |
|   | Latvia                 | Not considered yet         | Not Implemented  |
| <b>ECC Recommendation (06)04</b>  |                        |                            |  |
| 1 (5725 MHz - 5875 MHz):<br>a (FDD and/or TDD) 150 MHz  | Bosnia and Herzegovina | Licence-exempt             | Annex 1 of<br>Recommendation<br>ECC/REC/(06)04                                 |
|   | Germany                | Limited implementation     | only in 5755-5875 MHz  |
|   | Greece                 | Limited implementation     | only in 5725-5795 MHz  |
|   | Iceland                | Implemented                | All except 5795-5815 MHz   |
|   | Ireland                | Light license registration | Maximum permitted radiated power: 100mW/MHz eirp (to a maximum of 2W eirp).    |
|   | Latvia                 | FS not allowed             | Not Implemented  |
|   | Liechtenstein          | Licence-exempt             | Channel spacing 10 MHz or 20 MHz   |
|   | Lithuania              | Light license registration | 5725-5850 MHz only   |
|   | Sweden                 | FS not allowed             | The frequency band 5725-5875 MHz is currently not available for BFWA in Sweden |

| Frequency Band  | Country                | Implementation             | Reason/remarks  |
|---|------------------------|----------------------------|---|
|   | Switzerland            | Licence-exempt             | Channel spacing 10 MHz or 20 MHz                              |
|   | United Kingdom         | Light license registration | 5725-5850 MHz only  |
| <b>ERC Recommendation 14-01</b>   |                        |                            |   |
| 1 and 2 (FDD) (5925 MHz - 6175 MHz and 6175 MHz - 6425 MHz):<br>a (FDD) 59.3 MHz    | Bosnia and Herzegovina | Link by link assignment    | multiple (n*) 29,65MHz allowed                                |
|   | Latvia                 | Limited implementation     | Implemented in Frequency Band 5985–6425 MHz Configuration PP. |
| 1 and 2 (FDD) (5925 MHz - 6175 MHz and 6175 MHz - 6425 MHz):<br>b (FDD) 29.65 MHz   | Latvia                 | Limited implementation     | Implemented in Frequency Band 5985–6425 MHz Configuration PP. |
| <b>ECC Recommendation (14)06</b>  |                        |                            |   |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>a (FDD) 3.5 MHz   | Latvia                 | Not considered yet         | Not Implemented   |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>b (FDD) 1.75 MHz  | Latvia                 | Not considered yet         | Not Implemented   |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>c (FDD) 0.5 MHz   | Latvia                 | Not considered yet         | Not Implemented   |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>d (FDD) 0.25 MHz  | Latvia                 | Not considered yet         | Not Implemented   |
| 1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz):<br>e (FDD) 0.025 MHz | Latvia                 | Not considered yet         | Not Implemented   |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>a (FDD) 3.5 MHz   | Latvia                 | Not considered yet         | Not Implemented   |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>b (FDD) 1.75 MHz  | Latvia                 | Not considered yet         | Not Implemented   |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>c (FDD) 0.5 MHz   | Latvia                 | Not considered yet         | Not Implemented   |

| Frequency Band  | Country       | Implementation          | Reason/remarks                            |
|---|---------------|-------------------------|---|
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>d (FDD) 0.25 MHz  | Latvia        | Not considered yet      | Not Implemented                           |
| 2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz):<br>e (FDD) 0.025 MHz | Latvia        | Not considered yet      | Not Implemented                           |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>a (FDD) 3.5 MHz         | Austria       | Not considered yet      | not implemented                           |
|   | Latvia        | Not considered yet      | Not Implemented                           |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>b (FDD) 1.75 MHz        | Austria       | Not considered yet      | not implemented                           |
|   | Latvia        | Not considered yet      | Not Implemented                           |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>c (FDD) 0.5 MHz         | Austria       | Not considered yet      | not implemented                           |
|   | Latvia        | Not considered yet      | Not Implemented                           |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>d (FDD) 0.25 MHz        | Austria       | Not considered yet      | not implemented                           |
|   | Latvia        | Not considered yet      | Not Implemented                           |
| 2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz):<br>e (FDD) 0.025 MHz       | Austria       | Not considered yet      | not implemented                           |
|   | Latvia        | Not considered yet      | Not Implemented                           |
| <b>ERC Recommendation 14-02</b>   |               |                         |   |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>a (FDD) 40 MHz            | Latvia        | Implemented             | Configuration PP.                         |
|   | Liechtenstein | Refarming               | no new assignments                        |
|   | Switzerland   | Refarming               | no new assignments                        |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>b (FDD) 30 MHz            | Greece        | Link by link assignment | Only for uni-directional links for ENG/OB |
|   | Latvia        | Not considered yet      | Not Implemented                           |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>c (FDD) 20 MHz            | Latvia        | Implemented             | Configuration PP.                         |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>d (FDD) 14 MHz            | Austria       | Not considered yet      | not implemented                           |
|   | Latvia        | Not considered yet      | Not Implemented                           |

| Frequency Band   | Country        | Implementation          | Reason/remarks  |
|--|----------------|-------------------------|---|
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>e (FDD) 7 MHz      | Austria        | Not considered yet      | not implemented   |
|  | Latvia         | Not considered yet      | Not Implemented   |
| Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz):<br>f (FDD) 3.5 MHz    | Austria        | Not considered yet      | not implemented   |
|  | Latvia         | Not considered yet      | Not Implemented   |
| <b>ECC Recommendation (02)06</b>   |                |                         |   |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>a (FDD) 28 MHz   | Latvia         | Limited implementation  | Limited Implementation i  |
|  | Slovakia       | National plan           | 7142-7254 MHz paired with 7296-7408 MHz   |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>b (FDD) 14 MHz   | Czech Republic | Link by link assignment | channels subject to coordination with NC use.                                   |
|  | Greece         | FS not allowed          | 7125-7425 MHz based on ITU-R F.385-10. Only for unidirectional links for ENG/OB |
|  | Latvia         | Limited implementation  | Limited Implementation i  |
|  | Switzerland    | Link by link assignment | New civil links until 2023 only, beyond 2023 no civil use.                      |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>c (FDD) 7 MHz    | Greece         | FS not allowed          | 7125-7425 MHz   |
|  | Ireland        | Link by link assignment | New licences offering 7 MHz channel spacing are no longer granted.              |
|  | Latvia         | Limited implementation  | Limited Implementation i  |
|  | Switzerland    | Link by link assignment | New civil links until 2023 only, beyond 2023 no civil use.                      |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>d (FDD) 3.5 MHz  | Austria        | Not considered yet      | not implemented   |
|  | Latvia         | Not considered yet      | Not Implemented   |
| Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz):<br>e (FDD) 1.75 MHz | Austria        | Not considered yet      | not implemented   |
|  | Czech Republic | Link by link assignment | channels subject to coordination with NC use.                                   |
|  | Latvia         | Not considered yet      | Not Implemented   |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>a (FDD) 28 MHz   | Austria        | Not considered yet      | not implemented   |
|  | Latvia         | Limited implementation  | Limited Implementation  |
|  | Switzerland    | Link by link assignment | New civil links until 2020 only, beyond 2020 no civil use.                      |



| Frequency Band   | Country     | Implementation          | Reason/remarks  |
|--|-------------|-------------------------|---|
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>b (FDD) 14 MHz   | Austria     | Not considered yet      | not implemented   |
|  | Latvia      | Limited implementation  | Limited Implementation  |
|  | Switzerland | Link by link assignment | New civil links until 2020 only, beyond 2020 no civil use.                                      |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>c (FDD) 7 MHz  | Austria     | Not considered yet      | not implemented   |
|  | Latvia      | Limited implementation  | Limited Implementation i  |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>d (FDD) 3.5 MHz  | Austria     | Not considered yet      | not implemented   |
|  | Latvia      | Not considered yet      | Not Implemented   |
| Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz):<br>e (FDD) 1.75 MHz   | Austria     | Not considered yet      | not implemented   |
|  | Latvia      | Not considered yet      | Not Implemented   |
| Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>a (FDD) 28 MHz   | Austria     | Not considered yet      | not implemented   |
|  | Estonia     | Not considered yet      | 20 MHz and 40 MHz is allocated for Military exclusive use                                       |
|  | Greece      | Link by link assignment | Channel arrangement permitting frequency reuse is preferred (option (2))                        |
|  | Latvia      | Not considered yet      | Not Implemented   |
|  | Sweden      | No info                 | Please see general comment above.   |
|  | Switzerland | FS not allowed          | Military use  |
| Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>b (FDD) 14 MHz   | Austria     | Not considered yet      | not implemented   |
|  | Greece      | Link by link assignment | Channel arrangement permitting frequency reuse is preferred (option (2))                        |
|  | Latvia      | Not considered yet      | Not Implemented   |
| Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>c (FDD) 7 MHz  | Austria     | Not considered yet      | not implemented   |
|  | Latvia      | Not considered yet      | Not Implemented   |
| Annex 1.2.2 (29.65 MHz arrangements - H(V) and V(H) use of polarisations (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>a (FDD) 29.65 MHz | Austria     | Not considered yet      | not implemented   |
|  | Ireland     | Link by link assignment | FS allowed for 29.65 MHz and 59.3 MHz channel spacing's, in line with ITU-R F. 386-8 (Annex 6). |
|  | Latvia      | Not considered yet      | Not Implemented   |
|  | Switzerland | FS not allowed          | Military use  |

| Frequency Band   | Country     | Implementation          | Reason/remarks   |
|--|-------------|-------------------------|--|
| Annex 1.2.2 (29.65 MHz arrangements - H(V) and V(H) use of polarisations (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz):<br>b (FDD) 29.65 MHz | Austria     | Not considered yet      | not implemented  |
|  | Ireland     | Link by link assignment | FS allowed for 29.65 MHz and 59.3 MHz channel spacing's, in line with ITU-R F. 386-8 (Annex 6).    |
|  | Latvia      | Not considered yet      | Not Implemented  |
| Annex 1.3 H(V) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz):<br>a (FDD) 28 MHz                                      | Austria     | Not considered yet      | not implemented  |
|  | Ireland     | No info                 | FS allowed for 3.5, 7, 14, 28 and 56 MHz channel spacing's, in line with ITU-R F. 386-9 (Annex 2). |
|  | Latvia      | Not considered yet      | Not Implemented  |
|  | Switzerland | FS not allowed          | Military use   |
| Annex 1.3 H(V) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz):<br>b (FDD) 14 MHz                                      | Austria     | Not considered yet      | not implemented  |
|  | Ireland     | No info                 | FS allowed for 3.5, 7, 14, 28 and 56 MHz channel spacing's, in line with ITU-R F. 386-9 (Annex 2). |
|  | Latvia      | Not considered yet      | Not Implemented  |
| Annex 1.3 V(H) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz):<br>a (FDD) 28 MHz                                      | Austria     | Not considered yet      | not implemented  |
|  | Ireland     | No info                 | FS allowed for 3.5, 7, 14, 28 and 56 MHz channel spacing's, in line with ITU-R F. 386-9 (Annex 2). |
|  | Latvia      | Not considered yet      | Not Implemented  |
| Annex 1.3 V(H) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz):<br>b (FDD) 14 MHz                                      | Austria     | Not considered yet      | not implemented  |
|  | Ireland     | No info                 | FS allowed for 3.5, 7, 14, 28 and 56 MHz channel spacing's, in line with ITU-R F. 386-9 (Annex 2). |
|  | Latvia      | Not considered yet      | Not Implemented  |
| Annex 1.3 H(V) and V(H) Frequency Reuse Pattern ODD channel arrangement (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz):<br>a (FDD) 28 MHz | Austria     | Not considered yet      | not implemented  |
|  | Ireland     | No info                 | FS allowed for 3.5, 7, 14, 28 and 56 MHz channel spacing's, in line with ITU-R F. 386-9 (Annex 2). |
|  | Latvia      | Not considered yet      | Not Implemented  |

| Frequency Band  | Country        | Implementation         | Reason/remarks   |
|---|----------------|------------------------|--|
| Annex 1.3 H(V) and V(H) Frequency Reuse Pattern ODD channel arrangement (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz):<br>b (FDD) 14 MHz  | Austria        | Not considered yet     | not implemented  |
|   | Ireland        | No info                | FS allowed for 3.5, 7, 14, 28 and 56 MHz channel spacing's, in line with ITU-R F. 386-9 (Annex 2).   |
|   | Latvia         | Not considered yet     | Not Implemented  |
| Annex 1.3 H(V) and V(H) Frequency Reuse Pattern EVEN channel arrangement (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz):<br>a (FDD) 28 MHz | Austria        | Not considered yet     | not implemented  |
|   | Ireland        | No info                | FS allowed for 3.5, 7, 14, 28 and 56 MHz channel spacing's, in line with ITU-R F. 386-9 (Annex 2).   |
|   | Latvia         | Not considered yet     | Not Implemented  |
| Annex 1.3 H(V) and V(H) Frequency Reuse Pattern EVEN channel arrangement (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz):<br>b (FDD) 14 MHz | Austria        | Not considered yet     | not implemented  |
|   | Ireland        | No info                | FS allowed for 3.5, 7, 14, 28 and 56 MHz channel spacing's, in line with ITU-R F. 386-9 (Annex 2).   |
|   | Latvia         | Not considered yet     | Not Implemented  |
| Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz):<br>a (FDD) 28 MHz  | Austria        | Not considered yet     | not implemented  |
|   | Latvia         | Limited implementation | Limited Implementation   |
|   | Switzerland    | FS not allowed         | Military use   |
|   | United Kingdom | National plan          | ITU-R Rec. F.385-9 Annex 4 applies   |
| Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz):<br>b (FDD) 14 MHz  | Austria        | Not considered yet     | not implemented  |
|   | Latvia         | Limited implementation | Limited Implementation   |
|   | United Kingdom | National plan          | ITU-R Rec. F.385-9 Annex 4 applies   |
| Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz):<br>c (FDD) 7 MHz   | Austria        | Not considered yet     | not implemented  |
|   | Latvia         | Limited implementation | Limited Implementation   |
|   | United Kingdom | National plan          | ITU-R Rec. F.385-9 Annex 4 applies   |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>a (FDD) 28 MHz  | Finland        | National plan          | The bands 8045-8157/8355-8467 MHz are implemented in accordance with Annex 2 (56 MHz channel spacing). The bands 7915-8005/8225-8315 MHz are for video links (30 MHz channel spacing). |
|   | Latvia         | Not considered yet     | Not Implemented  |
|   | Switzerland    | FS not allowed         | Military use   |

| Frequency Band   | Country        | Implementation          | Reason/remarks  |
|--|----------------|-------------------------|---|
|  | United Kingdom | National plan           | ITU-R Rec. F.386-9 Annex 5 applies  |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>b (FDD) 14 MHz   | Latvia         | Not considered yet      | Not Implemented   |
|  | United Kingdom | National plan           | ITU-R Rec. F.386-9 Annex 5 applies  |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>c (FDD) 7 MHz    | Latvia         | Not considered yet      | Not Implemented   |
|  | United Kingdom | National plan           | ITU-R Rec. F.386-9 Annex 5 applies  |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>d (FDD) 3.5 MHz  | Latvia         | Not considered yet      | Not Implemented   |
| Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz):<br>e (FDD) 1.75 MHz | Latvia         | Not considered yet      | Not Implemented   |
| <b>ERC Recommendation 12-05</b>  |                |                         |   |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>a (FDD) 56 MHz | Estonia        | Link by link assignment | Block assignment also possible  |
|  | Latvia         | Not considered yet      | Not Implemented   |
|  | Slovakia       | National plan           | P-MP and P-P  |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>b (FDD) 56 MHz | Estonia        | Link by link assignment | Block assignment also possible  |
|  | Latvia         | Not considered yet      | Not Implemented   |
|  | Slovakia       | National plan           | P-MP and P-P  |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>c (FDD) 28 MHz | Estonia        | Link by link assignment | Block assignment also possible  |
|  | Ireland        | Limited implementation  | Licensed for Fixed Wireless Access Local Area (FWALA) services, to provide radio communication services between a base station and fixed subscriber terminals locations within a local area in the 10.5 GHz frequency band. |
|  | Latvia         | Implemented             | Configuration MP  |
|  | Slovakia       | National plan           | P-MP and P-P  |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>d (FDD) 14 MHz | Estonia        | Link by link assignment | Block assignment also possible  |
|  | Ireland        | Limited implementation  | Licensed for Fixed Wireless Access Local Area (FWALA) services, to provide radio communication services between a base station and fixed subscriber terminals locations within a local area in the 10.5 GHz frequency band. |
|  | Latvia         | Implemented             | Configuration MP  |

| Frequency Band   | Country     | Implementation          | Reason/remarks  |
|--|-------------|-------------------------|---|
|  | Slovakia    | Block assignment        | P-MP and P-P  |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>e (FDD) 7 MHz                    | Estonia     | Link by link assignment | Block assignment also possible  |
|  | Ireland     | Limited implementation  | Licensed for Fixed Wireless Access Local Area (FWALA) services, to provide radio communication services between a base station and fixed subscriber terminals locations within a local area in the 10.5 GHz frequency band. |
|  | Latvia      | Implemented             | Configuration MP  |
|  | Slovakia    | Block assignment        | P-MP and P-P  |
|  | Spain       | National plan           | Arrangement of channels according to note UN-61 in the frequencies 10.5-10.68 GHz ITU-R Rec. F.747  |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>f (FDD) 3.5 MHz                  | Estonia     | Link by link assignment | Block assignment also possible  |
|  | Latvia      | Implemented             | Configuration MP  |
|  | Slovakia    | Implemented             | P-MP and P-P  |
|  | Spain       | National plan           | Arrangement of channels according to note UN-61 in the frequencies 10.5-10.68 GHz ITU-R Rec. F.747  |
|  | Switzerland | Link by link assignment | only in particularly justified cases  |
| A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz):<br>g (FDD) 0.5 MHz                  | Austria     | Not considered yet      | not implemented   |
|  | Estonia     | Link by link assignment | Block assignment also possible  |
|  | Latvia      | Implemented             | Configuration MP  |
| <b>ERC Recommendation 12-06</b>  |             |                         |   |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>a (FDD) 112 MHz | Austria     | Not considered yet      | not implemented   |
|  | Latvia      | Not considered yet      | Not Implemented.  |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>b (FDD) 80 MHz  | Austria     | Not considered yet      | not implemented   |
|  | Latvia      | Not considered yet      | Not Implemented.  |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>c (FDD) 80 MHz  | Austria     | Not considered yet      | not implemented   |
|  | Latvia      | Not considered yet      | Not Implemented.  |

| Frequency Band   | Country       | Implementation          | Reason/remarks  |
|--|---------------|-------------------------|---|
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>d (FDD) 56 MHz  | Austria       | Not considered yet      | not implemented   |
|  | Latvia        | Not considered yet      | Not Implemented.  |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>e (FDD) 40 MHz  | Austria       | Not considered yet      | not implemented   |
|  | Bulgaria      | Link by link assignment | The frequency band 10.7-11.7 GHz is implemented in accordance with CEPT/ECC/REC 12-06, but the use of this band is restricted to use for international connectivity of networks of the fixed service. |
|  | Latvia        | Not considered yet      | Not Implemented.  |
|  | Liechtenstein | Refarming               | no new assignments  |
|  | Switzerland   | Refarming               | no new assignments  |
| 1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>f (FDD) 28 MHz  | Austria       | Not considered yet      | not implemented   |
|  | Latvia        | Not considered yet      | Not Implemented.  |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>a (FDD) 112 MHz | Latvia        | Not considered yet      | Configuration PP.   |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>b (FDD) 80 MHz  | Latvia        | Not considered yet      | Not Implemented.  |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>c (FDD) 56 MHz  | Latvia        | Implemented             | Configuration PP.   |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>d (FDD) 56 MHz  | Latvia        | Implemented             | Configuration PP.   |
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>e (FDD) 40 MHz  | Latvia        | Not considered yet      | Not Implemented.  |

| Frequency Band  | Country       | Implementation          | Reason/remarks  |
|---|---------------|-------------------------|---|
| 2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz):<br>f (FDD) 28 MHz | Latvia        | Implemented             | Configuration PP.   |
| <b>ERC Recommendation 12-02</b>   |               |                         |   |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>a (FDD) 56 MHz            | Latvia        | Limited implementation  | Limited Implementation in Frequency Band 12,751–12,975/13,017–13,241 GHz  |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>b (FDD) 28 MHz            | Latvia        | Limited implementation  | Limited Implementation in Frequency Band 12,751–12,975/13,017–13,241 GHz  |
|   | Spain         | Link by link assignment | UN-64   |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>c (FDD) 14 MHz            | Austria       | Not considered yet      | not implemented   |
|   | Latvia        | Limited implementation  | Limited Implementation in Frequency Band 12,751–12,975/13,017–13,241 GHz  |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>d (FDD) 7 MHz             | Austria       | Not considered yet      | not implemented   |
|   | Latvia        | Limited implementation  | Limited Implementation in Frequency Band 12,751–12,975/13,017–13,241 GHz  |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>e (FDD) 3.5 MHz           | Austria       | Not considered yet      | not implemented   |
|   | Latvia        | Limited implementation  | Limited Implementation in Frequency Band 12,751–12,975/13,017–13,241 GHz  |
|   | Liechtenstein | Link by link assignment | only in particularly justified cases                                      |
| A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz):<br>f (FDD) 1.75 MHz          | Austria       | Not considered yet      | not implemented   |
|   | Latvia        | Limited implementation  | Limited Implementation in Frequency Band 12,751–12,975/13,017–13,241 GHz. |
| <b>ERC Recommendation 12-07</b>   |               |                         |   |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>a (FDD) 56 MHz              | Latvia        | Not considered yet      | Not Implemented   |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>b (FDD) 28 MHz              | Latvia        | Implemented             | Configuration PP.   |
|   | Switzerland   | Limited implementation  | only in particularly justified cases                                      |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>c (FDD) 14 MHz              | Latvia        | Implemented             | Configuration PP.   |

| Frequency Band   | Country       | Implementation          | Reason/remarks  |
|--|---------------|-------------------------|---|
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>d (FDD) 7 MHz    | Latvia        | Implemented             | Configuration PP.   |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>e (FDD) 3.5 MHz  | Latvia        | Implemented             | Configuration PP.   |
| Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz):<br>f (FDD) 1.75 MHz | Estonia       | No info                 | Not in use  |
|  | Latvia        | Implemented             | Configuration PP.   |
| <b>ERC Recommendation 12-03</b>  |               |                         |   |
| 1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>a (FDD) 110 MHz            | Ireland       | Link by link assignment | Provision has been made in the National Radio Frequency Plan  |
|  | Latvia        | Implemented             | Configuration PP  |
|  | Slovakia      | Implemented             | P-P   |
| 1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>b (FDD) 55 MHz             | Ireland       | Link by link assignment | Provision has been made in the National Radio Frequency Plan  |
|  | Latvia        | Implemented             | Configuration PP  |
|  | Slovakia      | Implemented             | P-P   |
| 1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>c (FDD) 27.5 MHz           | Ireland       | Link by link assignment | Provision has been made in the National Radio Frequency Plan  |
|  | Latvia        | Implemented             | Configuration PP  |
|  | Liechtenstein | Link by link assignment | 27.50 MHz channelling ERC/REC 12-03, Annex A. From 17796.250 MHz to 18676.250 MHz / 18806.250 MHz to 19686.250 MHz.   |
|  | Slovakia      | Implemented             | P-P   |
|  | Switzerland   | Link by link assignment | 27.50 MHz channelling ERC/REC 12-03, Annex A. From 17796.250 MHz to 18676.250 MHz / 18806.250 MHz to 19686.250 MHz.   |
| 1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>d (FDD) 13.75 MHz          | Ireland       | FS not allowed          | Provision has been made in the National Radio Frequency Plan  |
|  | Latvia        | Implemented             | Configuration PP  |
|  | Liechtenstein | Link by link assignment | 13.75 MHz channelling (INTERLEAVED). ERC/REC 12-03, Annex A. From 17885.625 MHz to 17954.375 MHz / 18895.625 MHz to 18964.375 MHz.<br>13.75 MHz channelling SUBDIVISION ERC/REC 12-03, Annex A (SUBDIVISION of 27.5 MHz Channels). From 17961.250 MHz to 18676.250 MHz / 18971.250 MHz to 19686.250 MHz in particularly justified cases only. |
|  | Slovakia      | Implemented             | P-P   |



| Frequency Band   | Country        | Implementation          | Reason/remarks  |
|--|----------------|-------------------------|---|
|  | Spain          | Link by link assignment | 7 MHz also possible, see file with "mixed" plan with 13.75 MHz and 7 MHz channels.  |
|  | Switzerland    | Link by link assignment | 13.75 MHz channelling (INTERLEAVED). ERC/REC 12-03, Annex A. From 17885.625 MHz to 17954.375 MHz / 18895.625 MHz to 18964.375 MHz.<br>13.75 MHz channelling SUBDIVISION ERC/REC 12-03, Annex A (SUBDIVISION of 27.5 MHz Channels). From 17961.250 MHz to 18676.250 MHz / 18971.250 MHz to 19686.250 MHz in particularly justified cases only. |
| 2 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz):<br>a (FDD) 220 MHz            | Slovakia       | Implemented             | P-P   |
|  | Czech Republic | Link by link assignment | Merging two adjacent channels   |
|  | Latvia         | Implemented             | Configuration PP  |
| <b>Recommendation T/R 13-02</b>  |                |                         |   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>a (FDD) 112 MHz | Latvia         | Implemented             | Configuration PP  |
|  | Spain          | Link by link assignment | UN-91   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>b (FDD) 56 MHz  | France         | FS not allowed          | Plan of 9 channels  |
|  | Greece         | Link by link assignment | Option b1   |
|  | Latvia         | Implemented             | Configuration PP  |
|  | Spain          | Link by link assignment | UN-91   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>c (FDD) 56 MHz  | France         | Link by link assignment | Plan of 10 channels   |
|  | Greece         | FS not allowed          | Option b2   |
|  | Latvia         | Implemented             | Configuration PP  |
|  | Spain          | Link by link assignment | UN-91   |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>d (FDD) 28 MHz  | Latvia         | Implemented             | Configuration PP  |
|  | Liechtenstein  | Link by link assignment | only in particularly justified cases  |
|  | Spain          | Link by link assignment | UN-91   |
|  | Switzerland    | Limited implementation  | only in particularly justified cases  |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>e (FDD) 14 MHz  | Latvia         | Implemented             | Configuration PP  |
|  | Spain          | Link by link assignment | UN-91   |

| Frequency Band   | Country        | Implementation          | Reason/remarks   |
|--|----------------|-------------------------|--|
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>f (FDD) 7 MHz               | Austria        | Not considered yet      | not implemented  |
|  | Latvia         | Implemented             | Configuration PP   |
|  | Spain          | Link by link assignment | UN-91  |
| 1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>g (FDD) 3.5 MHz             | Austria        | Not considered yet      | not implemented  |
|  | Latvia         | Implemented             | Configuration PP   |
|  | Spain          | Link by link assignment | UN-91  |
| 1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz):<br>a (FDD) 28 MHz  | Czech Republic | National plan           | Carriers: 22 606 MHz, 22 634 MHz, 22 662 MHz a 22 690 MHz. Channel width 28 MHz. |
|  | Latvia         | Not considered yet      | Not Implemented  |
| 1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz):<br>b (FDD) 14 MHz  | Latvia         | Not considered yet      | Not Implemented  |
| 1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz):<br>c (FDD) 7 MHz   | Austria        | Not considered yet      | not implemented  |
|  | Latvia         | Not considered yet      | Not Implemented  |
| 1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz):<br>d (FDD) 3.5 MHz | Austria        | Not considered yet      | not implemented  |
|  | Latvia         | Not considered yet      | Not Implemented  |
| 1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz):<br>d (TDD) 3.5 MHz                      | Austria        | Not considered yet      | not implemented  |
|  | Latvia         | Not considered yet      | Not Implemented  |
| 1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz):<br>c (TDD) 7 MHz                        | Austria        | Not considered yet      | not implemented  |
|  | Latvia         | Not considered yet      | Not Implemented  |
| 1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz):<br>b (TDD) 14 MHz                       | Austria        | Not considered yet      | not implemented  |
|  | Latvia         | Not considered yet      | Not Implemented  |
| 1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz):<br>a (TDD) 28 MHz                       | Austria        | Not considered yet      | not implemented  |
|  | Latvia         | Not considered yet      | Not Implemented  |

| Frequency Band  | Country        | Implementation         | Reason/remarks  |
|---|----------------|------------------------|---|
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>a (FDD) 112 MHz | Austria        | Implemented            | will be outphased by 2032   |
|   | Estonia        | National plan          | e   |
|   | Greece         | Block assignment       | National licences of paired frequency blocks  |
|   | Latvia         | Not considered yet     | Not Implemented   |
|   | Spain          | FS not allowed         | TRA-ECS<br>UN-92  |
|   | United Kingdom | Implemented            | Please note that this band is no longer available for new fixed wireless links or technical variations.   |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>b (FDD) 56 MHz  | Austria        | Implemented            | will be outphased by 2032   |
|   | Finland        | FS not allowed         | Terminals exempt from licensing   |
|   | Greece         | Block assignment       | National licences of paired frequency blocks  |
|   | Latvia         | Not considered yet     | Not Implemented   |
|   | Slovakia       | National plan          | 25080-25445 MHz paired with 26080-26453, P-P  |
|   | Spain          | FS not allowed         | TRA-ECS<br>UN-92  |
|   | United Kingdom | Implemented            | Please note that this band is no longer available for new fixed wireless links or technical variations.   |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>c (FDD) 28 MHz  | Austria        | Implemented            | will be outphased by 2032   |
|   | Greece         | Block assignment       | National licences of paired frequency blocks  |
|   | Ireland        | Limited implementation | For point-to-point and point-to-multipoint links, the following part of the 24.5 - 26.5 GHz band is used: 25.277 -25.445 GHz, and 26.285 - 26.453 GHz.<br><br>For FWALA and FWPMA systems, the following part of the 24.5 - 26.5 GHz band is used: 24.549 - 24.745 GHz, and 25.613 - 25.753 GHz |
|   | Latvia         | Not considered yet     | Not Implemented   |
|   | Slovakia       | National plan          | 24549-25053 MHz paired with 25557-26453, P-MP;<br>25080-25445 MHz paired with 26080-26453, P-P  |
|   | Spain          | FS not allowed         | TRA-ECS<br>UN-92  |

| Frequency Band  | Country        | Implementation         | Reason/remarks   |
|---|----------------|------------------------|--|
|   | United Kingdom | Implemented            | Please note that this band is no longer available for new fixed wireless links or technical variations.  |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>d (FDD) 14 MHz  | Austria        | Not considered yet     | not implemented  |
|   | Greece         | Block assignment       | National licences of paired frequency blocks   |
|   | Ireland        | Limited implementation | For point-to-point and point-to-multipoint links, the following part of the 24.5 - 26.5 GHz band is used: 25.277 -25.445 GHz, and 26.285 - 26.453 GHz. |
|   | Latvia         | Not considered yet     | Not Implemented  |
|   | Slovakia       | National plan          | 25080-25445 MHz paired with 26080-26453, P-P   |
|   | Spain          | FS not allowed         | TRA-ECS<br>UN-92   |
|   | United Kingdom | Implemented            | Please note that this band is no longer available for new fixed wireless links or technical variations.  |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>e (FDD) 7 MHz   | Austria        | Not considered yet     | not implemented  |
|   | Greece         | Block assignment       | National licences of paired frequency blocks   |
|   | Ireland        | Limited implementation | For point-to-point and point-to-multipoint links, the following part of the 24.5 - 26.5 GHz band is used: 25.277 -25.445 GHz, and 26.285 - 26.453 GHz. |
|   | Latvia         | Not considered yet     | Not Implemented  |
|   | Slovakia       | National plan          | 25080-25445 MHz paired with 26080-26453, P-P   |
|   | Spain          | FS not allowed         | TRA-ECS<br>UN-92   |
|   | United Kingdom | Implemented            | Please note that this band is no longer available for new fixed wireless links or technical variations.  |
| 2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz):<br>f (FDD) 3.5 MHz | Austria        | Not considered yet     | not implemented  |
|   | Greece         | Block assignment       | National licences of paired frequency blocks   |
|   | Ireland        | Limited implementation | For point-to-point and point-to-multipoint links, the following part of the 24.5 - 26.5 GHz band is used: 25.277 -25.445 GHz, and 26.285 - 26.453 GHz. |
|   | Latvia         | Not considered yet     | Not Implemented  |
|   | Slovakia       | National plan          | 25080-25445 MHz paired with 26080-26453, P-P   |

| Frequency Band  | Country        | Implementation          | Reason/remarks   |
|---|----------------|-------------------------|--|
|   | Spain          | FS not allowed          | TRA-ECS UN-92  |
|   | United Kingdom | Implemented             | Please note that this band is no longer available for new fixed wireless links or technical variations.  |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>a (FDD) 112 MHz | Greece         | FS not allowed          | Only for parts of the band as per ECC/DEC/(05)01   |
|   | Ireland        | Limited implementation  | The following part of the 27.5 - 28.5 GHz , and 28.5 - 29.5 GHz band is used for point-to-point links: 27.9405 - 28.4445 GHz, and 28.9485 - 29.4525 GHz. |
|   | Latvia         | Not considered yet      | Not Implemented  |
|   | Spain          | Link by link assignment | UN-79  |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>b (FDD) 56 MHz  | Greece         | FS not allowed          | Only for parts of the band as per ECC/DEC/(05)01   |
|   | Ireland        | Limited implementation  | The following part of the 27.5 - 28.5 GHz , and 28.5 - 29.5 GHz band is used for point-to-point links: 27.9405 - 28.4445 GHz, and 28.9485 - 29.4525 GHz. |
|   | Latvia         | Not considered yet      | Not Implemented  |
|   | Liechtenstein  | Link by link assignment | Channel centre frequencies according to REC T/R 13-02, Annex C. From 27.9405 to 28.4445 GHz / 28.9485 to 29.4525 GHz.                                    |
|   | Spain          | Link by link assignment | UN-79  |
|   | Switzerland    | Link by link assignment | Channel centre frequencies according to REC T/R 13-02, Annex C. From 27.9405 to 28.4445 GHz / 28.9485 to 29.4525 GHz.                                    |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>c (FDD) 28 MHz  | Greece         | Block assignment        | Only for parts of the band as per ECC/DEC/(05)01. Regional licenses of frequency blocks of 2x28 MHz paired (or 28 MHz unpaired)                          |
|   | Ireland        | Limited implementation  | The following part of the 27.5 - 28.5 GHz , and 28.5 - 29.5 GHz band is used for point-to-point links: 27.9405 - 28.4445 GHz, and 28.9485 - 29.4525 GHz. |
|   | Latvia         | Not considered yet      | Not Implemented  |
|   | Liechtenstein  | Link by link assignment | Channel centre frequencies according to REC T/R 13-02, Annex C. From 27.9405 to 28.4445 GHz / 28.9485 to 29.4525 GHz.                                    |
|   | Slovakia       | National plan           | 27940.5-28444.5 MHz paired with 28948.5-29452.5 P-MP, P-P  |
|   | Spain          | Link by link assignment | UN-79  |
|   | Switzerland    | Link by link assignment | Channel centre frequencies according to REC T/R 13-02, Annex C. From 27.9405 to 28.4445 GHz / 28.9485 to 29.4525 GHz.                                    |

| Frequency Band  | Country  | Implementation          | Reason/remarks   |
|---|----------|-------------------------|--|
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>d (FDD) 14 MHz  | Greece   | FS not allowed          | Only for parts of the band as per ECC/DEC/(05)01   |
|   | Ireland  | Limited implementation  | The following part of the 27.5 - 28.5 GHz , and 28.5 - 29.5 GHz band is used for point-to-point links: 27.9405 - 28.4445 GHz, and 28.9485 - 29.4525 GHz. |
|   | Latvia   | Not considered yet      | Not Implemented  |
|   | Slovakia | National plan           | 27940.5-28444.5 MHz paired with 28948.5-29452.5, P-P   |
|   | Spain    | Link by link assignment | UN-79  |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>e (FDD) 7 MHz   | Austria  | Not considered yet      | not implemented  |
|   | Greece   | FS not allowed          | Only for parts of the band as per ECC/DEC/(05)01   |
|   | Ireland  | Limited implementation  | The following part of the 27.5 - 28.5 GHz , and 28.5 - 29.5 GHz band is used for point-to-point links: 27.9405 - 28.4445 GHz, and 28.9485 - 29.4525 GHz. |
|   | Latvia   | Not considered yet      | Not Implemented  |
|   | Slovakia | National plan           | 27940.5-28444.5 MHz paired with 28948.5-29452.5, P-P   |
|   | Spain    | Link by link assignment | UN-79  |
| 3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>f (FDD) 3.5 MHz | Austria  | Not considered yet      | not implemented  |
|   | Greece   | FS not allowed          | Only for parts of the band as per ECC/DEC/(05)01   |
|   | Ireland  | Limited implementation  | The following part of the 27.5 - 28.5 GHz , and 28.5 - 29.5 GHz band is used for point-to-point links: 27.9405 - 28.4445 GHz, and 28.9485 - 29.4525 GHz. |
|   | Latvia   | Not considered yet      | Not Implemented  |
|   | Slovakia | National plan           | 27940.5-28444.5 MHz paired with 28948.5-29452.5, P-P   |
|   | Spain    | FS not allowed          | UN-79  |
| 4 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>a (FDD) 224 MHz | Latvia   | Not considered yet      | Not Implemented  |
| 4 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz):<br>b (FDD) 224 MHz | Latvia   | Not considered yet      | Not Implemented  |

| Frequency Band  | Country                | Implementation          | Reason/remarks   |
|---|------------------------|-------------------------|--|
| 5 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz):<br>a (FDD) 224 MHz     | Ireland                | Link by link assignment | The following part of the 27.5 - 28.5 GHz , and 28.5 - 29.5 GHz band is used for point-to-point links: 27.9405 - 28.4445 GHz, and 28.9485 - 29.4525 GHz. |
|   | Latvia                 | Not considered yet      | Not Implemented  |
| <b>ECC Recommendation (02)02</b>  |                        |                         |  |
| A (31000 MHz - 31300 MHz):<br>d (TDD) 3.5 MHz                                     | Bosnia and Herzegovina | Link by link assignment | Channel arrangement for TDD systems as per ECC/REC/(02)02, Annex part A), i.e. recommendation ITU-R F.746-10, Annex 6, § 1.                              |
| A (31000 MHz - 31300 MHz):<br>c (TDD) 7 MHz                                       | Bosnia and Herzegovina | Link by link assignment | Channel arrangement for TDD systems as per ECC/REC/(02)02, Annex part A), i.e. recommendation ITU-R F.746-10, Annex 6, § 1.                              |
| A (31000 MHz - 31300 MHz):<br>b (TDD) 14 MHz                                      | Bosnia and Herzegovina | Link by link assignment | Channel arrangement for TDD systems as per ECC/REC/(02)02, Annex part A), i.e. recommendation ITU-R F.746-10, Annex 6, § 1.                              |
| A (31000 MHz - 31300 MHz):<br>a (TDD) 28 MHz                                      | Bosnia and Herzegovina | Link by link assignment | Channel arrangement for TDD systems as per ECC/REC/(02)02, Annex part A), i.e. recommendation ITU-R F.746-10, Annex 6, § 1.                              |
| <b>ERC Recommendation (01)02</b>  |                        |                         |  |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>a (FDD) 112 MHz | Bosnia and Herzegovina | Link by link assignment | Joining adjacent 56 MHz channels   |
|   | Latvia                 | Limited implementation  | Limited Implementation   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>b (FDD) 56 MHz  | Latvia                 | Limited implementation  | Limited Implementation   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>c (FDD) 28 MHz  | Latvia                 | Limited implementation  | Limited Implementation   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>d (FDD) 14 MHz  | Latvia                 | Limited implementation  | Limited Implementation   |
|   | Liechtenstein          | Link by link assignment | Ref to RIR0302-31 Pt 5.  |
|   | Switzerland            | Link by link assignment | Ref to RIR0302-31 Pt 5.  |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>e (FDD) 7 MHz   | Latvia                 | Limited implementation  | Limited Implementation   |
| Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>f (FDD) 3.5 MHz | Latvia                 | Limited implementation  | Limited Implementation   |

| Frequency Band  | Country                | Implementation          | Reason/remarks   |
|---|------------------------|-------------------------|--|
| Annex 2 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz):<br>a (FDD) 224 MHz | Latvia                 | Not considered yet      | Limited Implementation   |
| <b>Recommendation T/R 12-01</b>   |                        |                         |  |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>a (FDD) 112 MHz | Bosnia and Herzegovina | Link by link assignment | 37.0-37.618 and 38.248-38.878 GHz  |
|   | Latvia                 | Implemented             | Configuration PP   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>b (FDD) 56 MHz  | Bosnia and Herzegovina | Link by link assignment | 37.0-37.618 and 38.248-38.878 GHz  |
|   | Latvia                 | Implemented             | Configuration PP   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>c (FDD) 28 MHz  | Bosnia and Herzegovina | Link by link assignment | 37.0-37.618 and 38.248-38.878 GHz  |
|   | Latvia                 | Implemented             | Configuration PP   |
|   | Liechtenstein          | Limited implementation  | only in particularly justified cases   |
|   | Switzerland            | Limited implementation  | only in particularly justified cases   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>d (FDD) 14 MHz  | Bosnia and Herzegovina | Link by link assignment | 37.0-37.618 and 38.248-38.878 GHz  |
|   | Latvia                 | Implemented             | Configuration PP   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>e (FDD) 7 MHz   | Austria                | Not considered yet      | not implemented  |
|   | Bosnia and Herzegovina | Link by link assignment | 37.0-37.618 and 38.248-38.878 GHz  |
|   | Latvia                 | Implemented             | Configuration PP   |
| Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>f (FDD) 3.5 MHz | Austria                | Not considered yet      | not implemented  |
|   | Bosnia and Herzegovina | Link by link assignment | 37.0-37.618 and 38.248-38.878 GHz  |
|   | Latvia                 | Implemented             | Configuration PP   |
| Annex 2 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz):<br>a (FDD) 224 MHz | Bosnia and Herzegovina | Link by link assignment | 37.0-37.618 and 38.248-38.878 GHz; possible to join adjacent 56MHz wide channels |
|   | Latvia                 | Implemented             | Configuration PP   |
| <b>ECC Recommendation (01)04</b>  |                        |                         |  |
| 1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>a (FDD) 500 MHz     | Austria                | Not considered yet      | not implemented  |



| Frequency Band  | Country       | Implementation          | Reason/remarks  |
|---|---------------|-------------------------|---|
| 1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>b (FDD) 250 MHz | Austria       | Not considered yet      | not implemented   |
| 1 (TDD) (40500 MHz - 43500 MHz):<br>c (TDD) 250 MHz                           | Austria       | Not considered yet      | not implemented   |
| 1 (TDD) (40500 MHz - 43500 MHz):<br>b (TDD) 500 MHz                           | Austria       | Not considered yet      | not implemented   |
| 1 (TDD) (40500 MHz - 43500 MHz):<br>a (TDD) 1000 MHz                          | Austria       | Not considered yet      | not implemented   |
| 2 (TDD) (40500 MHz - 43500 MHz):<br>a (TDD) 1 MHz                             | Austria       | Not considered yet      | not implemented   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>c (FDD) 112 MHz | Greece        | Link by link assignment | Only within the bands 41334-42000 MHz paired with 42834-43500 MHz |
|   | Ireland       | Link by link assignment | for fixed point-to-point links only                               |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>d (FDD) 112 MHz | Ireland       | Link by link assignment | for fixed point-to-point links only                               |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>e (FDD) 56 MHz  | Greece        | Link by link assignment | Only within the bands 41334-42000 MHz paired with 42834-43500 MHz |
|   | Ireland       | Link by link assignment | for fixed point-to-point links only                               |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>f (FDD) 56 MHz  | Ireland       | Link by link assignment | for fixed point-to-point links only                               |
|   | Liechtenstein | Link by link assignment | 41-42 GHz paired with 42.5 – 43.5 GHz:<br>HDFS, P-P links only.   |
|   | Switzerland   | Link by link assignment | 41-42 GHz paired with 42.5 – 43.5 GHz:<br>HDFS, P-P links only.   |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>g (FDD) 28 MHz  | Greece        | Link by link assignment | Only within the bands 41334-42000 MHz paired with 42834-43500 MHz |
|   | Ireland       | Link by link assignment | for fixed point-to-point links only                               |
|   | Liechtenstein | Link by link assignment | 41-42 GHz paired with 42.5 – 43.5 GHz:<br>HDFS, P-P links only.   |
|   | Switzerland   | Link by link assignment | 41-42 GHz paired with 42.5 – 43.5 GHz:<br>HDFS, P-P links only.   |

| Frequency Band   | Country                | Implementation          | Reason/remarks  |
|--|------------------------|-------------------------|---|
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>h (FDD) 28 MHz | Ireland                | Link by link assignment | for fixed point-to-point links only                               |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>i (FDD) 14 MHz | Greece                 | Link by link assignment | Only within the bands 41334-42000 MHz paired with 42834-43500 MHz |
|  | Ireland                | Link by link assignment | for fixed point-to-point links only                               |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>j (FDD) 14 MHz | Ireland                | Link by link assignment | for fixed point-to-point links only                               |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>k (FDD) 7 MHz  | Greece                 | Link by link assignment | Only within the bands 41334-42000 MHz paired with 42834-43500 MHz |
|  | Ireland                | Link by link assignment | for fixed point-to-point links only                               |
| 5 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz):<br>l (FDD) 7 MHz  | Ireland                | Link by link assignment | for fixed point-to-point links only                               |
| <b>ERC Recommendation 12-11</b>  |                        |                         |   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>a (FDD) 112 MHz      | Austria                | Not considered yet      | not implemented   |
|  | Bosnia and Herzegovina | Link by link assignment | by joining adjacent 56 MHz wide channels                          |
|  | Latvia                 | Implemented             | Implemented   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>b (FDD) 56 MHz       | Austria                | Not considered yet      | not implemented   |
|  | Latvia                 | Implemented             | Implemented   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>c (FDD) 28 MHz       | Austria                | Not considered yet      | not implemented   |
|  | Latvia                 | Implemented             | Implemented   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>d (FDD) 14 MHz       | Austria                | Not considered yet      | not implemented   |
|  | Latvia                 | Implemented             | Implemented   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>e (FDD) 7 MHz        | Austria                | Not considered yet      | not implemented   |
|  | Latvia                 | Implemented             | Implemented   |
| 1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz):<br>f (FDD) 3.5 MHz      | Austria                | Not considered yet      | not implemented   |
|  | Latvia                 | Implemented             | Implemented   |

| Frequency Band  | Country                | Implementation          | Reason/remarks                           |
|---|------------------------|-------------------------|--|
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>a (FDD) 112 MHz | Austria                | Not considered yet      | not implemented                          |
|   | Bosnia and Herzegovina | Link by link assignment | by joining adjacent 56 MHz wide channels |
|   | Latvia                 | Implemented             | Implemented                              |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>b (FDD) 56 MHz  | Austria                | Not considered yet      | not implemented                          |
|   | Latvia                 | Implemented             | Implemented                              |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>c (FDD) 28 MHz  | Austria                | Not considered yet      | not implemented                          |
|   | Latvia                 | Implemented             | Implemented                              |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>d (FDD) 14 MHz  | Austria                | Not considered yet      | not implemented                          |
|   | Latvia                 | Implemented             | Implemented                              |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>e (FDD) 7 MHz   | Austria                | Not considered yet      | not implemented                          |
|   | Latvia                 | Implemented             | Implemented                              |
| 2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz):<br>f (FDD) 3.5 MHz | Austria                | Not considered yet      | not implemented                          |
|   | Latvia                 | Implemented             | Implemented                              |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>a (FDD) 224 MHz | Latvia                 | Implemented             | Implemented                              |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>b (FDD) 112 MHz | Latvia                 | Implemented             | Implemented                              |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>c (FDD) 56 MHz  | Latvia                 | Implemented             | Implemented                              |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>d (FDD) 28 MHz  | Latvia                 | Implemented             | Implemented                              |
| 3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz):<br>e (FDD) 14 MHz  | Latvia                 | Implemented             | Implemented                              |

| Frequency Band  | Country | Implementation     | Reason/remarks   |
|---|---------|--------------------|------------------|
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>a (FDD) 224 MHz | Austria | Not considered yet | not implemented  |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>b (FDD) 112 MHz | Austria | Not considered yet | not implemented  |
|   | Latvia  | Implemented        | Implemented      |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>c (FDD) 56 MHz  | Austria | Not considered yet | not implemented  |
|   | Latvia  | Implemented        | Implemented      |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>d (FDD) 28 MHz  | Austria | Under study        | not implemented  |
|   | Latvia  | Implemented        | Implemented      |
| 4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz):<br>e (FDD) 14 MHz  | Austria | Not considered yet | not implemented  |
|   | Latvia  | Implemented        | Implemented      |
| 4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz):<br>a (FDD) 14 MHz  | Austria | Not considered yet | not implemented  |
|   | Latvia  | Implemented        | Implemented      |
| 4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz):<br>b (FDD) 7 MHz   | Austria | Not considered yet | not implemented  |
|   | Latvia  | Implemented        | Implemented      |
| 4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz):<br>c (FDD) 3.5 MHz | Austria | Not considered yet | not implemented  |
|   | Latvia  | Implemented        | Implemented      |
| <b>ERC Recommendation 12-12</b>   |         |                    |                  |
| A (TDD) (55780 MHz - 57000 MHz):<br>e (TDD) 3.5 MHz                       | Latvia  | Implemented        | Configuration PP |
| A (TDD) (55780 MHz - 57000 MHz):<br>d (TDD) 7 MHz                         | Latvia  | Implemented        | Configuration PP |
| A (TDD) (55780 MHz - 57000 MHz):<br>c (TDD) 14 MHz                        | Latvia  | Implemented        | Configuration PP |
| A (TDD) (55780 MHz - 57000 MHz):<br>b (TDD) 28 MHz                        | Latvia  | Implemented        | Configuration PP |
| A (TDD) (55780 MHz - 57000 MHz):<br>a (TDD) 56 MHz                        | Latvia  | Implemented        | Configuration PP |

| Frequency Band  | Country        | Implementation             | Reason/remarks  |
|---|----------------|----------------------------|---|
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>a (FDD) 56 MHz  | Latvia         | Implemented                | Configuration PP  |
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>b (FDD) 28 MHz  | Latvia         | Implemented                | Configuration PP  |
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>c (FDD) 14 MHz  | Latvia         | Implemented                | Configuration PP  |
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>d (FDD) 7 MHz   | Latvia         | Implemented                | Configuration PP  |
| b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz):<br>e (FDD) 3.5 MHz | Latvia         | Implemented                | Configuration PP  |
| <b>ECC Recommendation (05)07</b>  |                |                            |   |
| 1 (used for FDD or TDD) (71000 MHz - 76000 MHz):<br>a (FDD or TDD) 250 MHz    | Austria        | Limited implementation     | 72.625-75.625/82.625-85.625 GHz<br>FDD or TDD<br>for channel spacings 62.5/125/250/500/1000 MHz   |
|   | Greece         | Implemented                | Channels of 62.5 MHz or 125 MHz may also be used  |
|   | Hungary        | Implemented                | National Footnote H217  |
|   | Lithuania      | Light license registration | Implemented by Order No. 1V-1136 of the Director of the Communications Regulatory Authority of 14 November 2011 on the amendment of Order No. 1V-1160 of the Director of the Communications Regulatory Authority of 24 December 2008 on the Approval of the Plan for the Use of Radio Frequencies |
|   | United Kingdom | Light license registration | channel arrangements are not specified in the self coordinated part of the band (73.375-75.875GHz and 83.375-85.875GHz ) -Both TDD and FDD is allowed   |
|   | Serbia         | Light license registration | 500 MHz and 1000 MHz channel spacing also possible  |
| 2 (TDD or FDD) (81000 MHz - 86000 MHz):<br>a (FDD or TDD) 250 MHz             | Austria        | Limited implementation     | 72.625-75.625/82.625-85.625 GHz<br>FDD or TDD<br>for channel spacings 62.5/125/250/500/1000 MHz   |
|   | Greece         | Implemented                | Channels of 62.5 MHz or 125 MHz may also be used  |
|   | Hungary        | Implemented                | National Footnote H217  |

| Frequency Band  | Country                    | Implementation   | Reason/remarks  |
|---|----------------------------|--|---|
|   | Lithuania                  | Light license registration                             | Implemented by Order No. 1V-1136 of the Director of the Communications Regulatory Authority of 14 November 2011 on the amendment of Order No. 1V-1160 of the Director of the Communications Regulatory Authority of 24 December 2008 on the Approval of the Plan for the Use of Radio Frequencies |
|   | United Kingdom             | Light license registration                             | channel arrangements are not specified in the self coordinated part of the band (73.375-75.875GHz and 83.375-85.875GHz ) -Both TDD and FDD is allowed   |
|   | Serbia                     | Light license registration                             | 500 MHz and 1000 MHz channel spacing also possible  |
| 3 (FDD) (71000 MHz - 76000 MHz and 81000 MHz - 86000 MHz):<br>a (FDD) 250 MHz | Austria                    | Limited implementation                                 | 72.125-72,625/ 82.125-82,625 GHz and 75.625-75,875/<br>82.125-82,625 GHz; FDD only, for channel spacings 62.5/125/250/500 MHz   |
|   | Finland                    | Link by link assignment                                | Finland 500 MHz, 1000 MHz, 1500 MHz and 2000 MHz channel spacing also possible  |
|   | Greece                     | Implemented  | Channels of 62.5 MHz or 125 MHz may also be used  |
|   | Hungary                    | Implemented  | National Footnote H217  |
|   | Italy                      | Implemented  | Subdivision in 125 MHz and 62.5 MHz possible  |
|   | Liechtenstein              | Link by link assignment                                | Channeling 250 MHz and 500 MHz.   |
|   | Lithuania                  | Light license registration                             | Implemented by Order No. 1V-1136 of the Director of the Communications Regulatory Authority of 14 November 2011 on the amendment of Order No. 1V-1160 of the Director of the Communications Regulatory Authority of 24 December 2008 on the Approval of the Plan for the Use of Radio Frequencies |
|   | Slovenia                   | Implemented  | 71-74 Government use<br>74-76 Fixed Service<br>81-84 Government use<br>84-86 Fixed Service  |
|   | Switzerland                | Link by link assignment                                | Channeling 250 MHz and 500 MHz.   |
|   | United Kingdom             | Implemented  | channel arrangements are specified in the Ofcom coordinated part of the band (71.125-73.125GHz and 81.125-83.125GHz ). Only FDD is allowed  |
| Serbia  | Light license registration | 62.5 MHz, 125 MHz, 500 MHz, and 1000 MHz also possible |   |
| <b>ECC Recommendation (14)01</b>  |                            |  |   |
| A (TDD) (92000 MHz - 95000 MHz):<br>c (TDD) 50 MHz                            | Austria                    | Not considered yet                                     | not implemented   |
| A (TDD) (92000 MHz - 95000 MHz):<br>d (TDD) 50 MHz                            | Austria                    | Under study  | not implemented   |

| Frequency Band   | Country | Implementation     | Reason/remarks  |
|--|---------|--------------------|-----------------|
| A (TDD) (92000 MHz - 95000 MHz):<br>a (TDD) 100 MHz                              | Austria | Not considered yet | not implemented |
| A (TDD) (92000 MHz - 95000 MHz):<br>b (TDD) 100 MHz                              | Austria | Not considered yet | not implemented |
| B (FDD) (92000 MHz - 93500 MHz and<br>93500 MHz - 95000 MHz):<br>a (FDD) 100 MHz | Austria | Not considered yet | not implemented |
| B (FDD) (92000 MHz - 93500 MHz and<br>93500 MHz - 95000 MHz):<br>b (FDD) 100 MHz | Austria | Not considered yet | not implemented |
| B (FDD) (92000 MHz - 93500 MHz and<br>93500 MHz - 95000 MHz):<br>c (FDD) 50 MHz  | Austria | Not considered yet | not implemented |
| B (FDD) (92000 MHz - 93500 MHz and<br>93500 MHz - 95000 MHz):<br>d (FDD) 50 MHz  | Austria | Not considered yet | not implemented |