European Communications Office (ECO)

ECO REPORT 04

FIXED SERVICE IN EUROPE

IMPLEMENTATION STATUS

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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	Radio frequency channel arrangements for 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 (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

Abbreviation	Explanation
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
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, 7900-8500 MHz and 8275-8500 MHz	ECC/REC/(02)06 (Channel arrangements)	ITU-R F.386
10	10000-10680 MHz	ERC/REC 12-05 (Channel arrangements)	ITU-R F.747
11	10700-11700 MHz	ERC/REC 12-06 (Channel arrangements)	ITU-R F.387
13	12750-13250 MHz	ERC/REC 12-02 (Channel arrangements)	ITU-R F.497
15	14500-14620 MHz and 15230-15350 MHz	ERC/REC 12-07 (Channel arrangements)	ITU-R F.636
18	17700-18700 MHz	ERC/REC 12-03 (Channel arrangements)	ITU-R F.595
23	22000-22600 MHz and 23000-23600 MHz, 22600-23600 MHz…	T/R 13-02 (Annex A) (Channel arrangements)	ITU-R F.637
26	24500-26500 MHz	T/R 13-02 (Annex B) (Channel arrangements and Block assignment)	ITU-R F.748
28	27500-29500 MHz	T/R 13-02 (Annex C) (Channel arrangements and Block assignment)	ITU-R F.748
31	31000-31300 MHz.	ECC/REC/(02)02 (Channel arrangements)	ITU-R F.746
32	31800-33400 MHz	ERC/REC/(01)02 (Channel arrangements and Block assignment)	ITU-R F.1520
38	37000-39500 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
70, 80	71000-76000 MHz and 81000-86000 MHz	ECC/REC/(05)07 (Channel arrangements)	ITU-R F.2006
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)	-
170	167000-174800 MHz	ECC/REC/(18)01 (Channel arrangements)	-

- Note 1: The former FS channel arrangement for the band 2520-2590 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/(24)01	Harmonised technical conditions for the shared use of the 3800-4200 MHz frequency band by low/medium power terrestrial wireless broadband systems (WBB LMP) providing local-area network connectivity
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/(06)10	Transitional arrangement for FS and TRR in 1980-2010/2170-2200 MHz
ECC/DEC/(06)04	Harmonised use, exemption from individual licensing and free circulation of devices using Ultra-Wideband (UWB) technology in bands below 10.6 GHz
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
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

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

Number	Title
ECC Report 367	Generic methodology for the protection of Fixed service to complement the criteria in Recommendation ITU-R F.758-8
ECC Report 365	Fixed Links in CEPT; Technical characteristics and statistical review
ECC Report 358	In-band and adjacent bands sharing studies to assess the feasibility of the shared use of the 3.8-4.2 GHz frequency band by terrestrial wireless broadband low/medium power (WBB LMP) systems providing local-area network connectivity
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 327	Technical studies for the update of the Ultra Wide Band (UWB) regulatory framework in the band 6.0 GHz to 8.5 GHz
ECC Report 320	Band and Carrier Aggregation in fixed point-to-point systems
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

Number	Title
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 2022
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
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

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

Table 5 : List of European Standards related to FS

Number	Title
EN 302 217-1	Overview, common characteristics and requirements not related to access to radio spectrum
EN 302 217-2	Digital systems operating in frequency bands from 1 GHz to 174.8 GHz
EN 302 217-4	Characteristics and requirements for point-to-point equipment and antennas;
EN 302 326-2	Multipoint Equipment and Antennas
EN 302 326-3	Multipoint Antennas
EN 303 722	Wideband Data Transmission Systems (WDTS) for Fixed Network Radio Equipment operating in the 57 GHz to 71 GHz band
EN 303 753	Wideband Data Transmission Systems (WDTS) for Mobile and Fixed Radio Equipment operating in the 57 - 71 GHz band

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	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
Recommendation T/R 13-01																																														
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): a (FDD) 3.5 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	N	Y1	Y	?	N	N	?	?	N	N	Y1	N	Y	Y1	N	?	U	Y1	?	N	N	U	Y1	Y1	N	?	?	N	N	Y1	N	?
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): b (FDD) 2 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	N	N	Y	?	N	N	?	?	Y	N	Y1	N	Y	Y1	N	?	U	Y1	?	N	N	U	Y1	Y1	N	?	?	N	N	Y1	N	?
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): c (FDD) 1 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	N	N	Y	?	N	N	?	?	Y	L	N	N	Y	Y1	N	?	U	Y1	?	N	N	U	Y1	Y1	N	?	?	N	N	Y1	N	?
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): d (FDD) 0.5 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	N	N	Y	?	N	N	?	?	Y	L	N	N	Y	Y1	N	?	U	Y1	?	N	N	U	Y1	Y1	N	?	?	N	N	Y1	L	?
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): e (FDD) 0.25 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	N	N	Y	?	N	N	?	?	Y	L	N	N	Y	Y1	N	?	U	Y1	?	N	N	U	L	Y1	N	?	?	N	N	Y1	N	?
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): f (FDD) 0.025 MHz	Y	?	N	?	NP	U	N	?	Y	N	N	L	N	N	N	N	Y	?	N	N	?	?	Y	N	N	N	Y	Y1	N	?	U	Y1	?	N	N	U	L	Y1	N	?	?	N	N	Y1	N	?
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): a (FDD) 3.5 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	N	N	N	?	N	N	?	?	N	N	Y1	N	Y	Y1	N	?	U	Y1	?	N	N	U	Y1	Y1	N	?	?	N	N	Y1	N	?
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): b (FDD) 2 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	Y1	N	N	?	N	N	?	?	Y	N	Y1	N	Y	Y1	N	?	U	Y1	?	N	N	U	Y1	Y1	N	?	?	N	N	Y1	N	?
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): c (FDD) 1 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	Y1	N	N	?	N	N	?	?	Y	L	N	N	Y	Y1	N	?	U	Y1	?	N	N	U	Y1	Y1	N	?	?	N	N	Y1	N	?
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): d (FDD) 0.5 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	Y1	N	N	?	N	N	?	?	Y	L	N	N	Y	Y1	N	?	U	Y1	?	N	N	U	Y1	Y1	N	?	?	N	N	Y1	N	?
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): e (FDD) 0.25 MHz	Y	?	N	?	N	Y1	N	?	Y	N	N	L	N	N	Y1	N	N	?	N	N	?	?	Y	L	N	N	Y	Y1	N	?	U	Y1	?	N	N	U	L	Y1	N	?	?	N	N	Y1	N	?
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): f (FDD) 0.025 MHz	Y	?	N	?	N	U	N	?	Y	N	N	L	N	N	Y1	N	N	?	N	N	?	?	Y	N	N	N	Y	Y1	N	?	U	Y1	?	N	N	U	L	Y1	N	?	?	N	N	Y1	N	?
C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz): a (FDD) 14 MHz	Y	?	L	?	N	Y1	N	?	Y	N	N	N	Y1	L	N	N	N	?	Y1	Y1	?	?	Y	Y	Y1	N	Y	N	Y	?	U	Y1	Y1	P	N	U	L	Y1	N	?	?	N	N	?	N	?
C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz): b (FDD) 7 MHz	Y	?	L	?	N	Y1	N	?	Y	N	N	N	Y1	L	N	N	N	?	Y1	Y1	?	?	Y	Y	Y1	N	Y	N	Y	?	U	Y1	Y1	P	N	U	L	Y1	N	?	?	N	NP	?	N	?
C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz): c (FDD) 3.5 MHz	Y	?	L	?	N	Y1	N	?	Y	N	N	N	Y1	L	N	N	N	?	Y1	Y1	?	?	Y	Y	N	N	Y	N	Y	?	U	Y1	Y1	P	N	U	L	Y1	N	?	?	N	N	?	N	?
C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz): d (FDD) 1.75 MHz	Y	?	L	?	N	Y1	N	?	Y	N	N	N	Y1	L	N	N	N	?	Y1	Y1	?	?	Y	N	N	N	Y	N	Y	?	U	Y1	Y1	P	N	U	L	Y1	N	?	?	N	N	?	N	?
ERC Recommendation 12-08																																														
A (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz): a (FDD) 30 MHz	L	?	N	?	N	N	N	?	?	N	N	L	N	N	N	N	Y	?	N	N	?	N	N	N	N	N	L	N	N	?	U	N	?	N	N	R	N	N	N	?	N	N	N	?	L	?
A (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz): b (FDD) 15 MHz	L	?	N	?	N	N	N	?	?	N	N	L	N	N	N	N	Y	?	N	N	?	N	N	N	N	N	L	N	N	?	U	N	?	N	N	R	N	N	N	?	N	N	N	?	L	?
ECC Recommendation (06)04																																													
1 (5725 MHz - 5875 MHz): a (FDD and/or TDD) 150 MHz	Y	Y	N	?	Y	Y4	N	?	N	N	L	Y	N	Y	N	L	Y2	Y	L	Y4	N	N	N	Y2	Y	Y4	Y2	N	N	?	Y	Y	P	P	Y	N	Y	Y	N	?	Y2	Y4	N	Y	N	Y

? = no info / see remarks NP = national plan N = not implemented / see remarks P = planned L = limited implementation / see remarks Y = implemented Y1 = link by link assignment Y2 = light licence registration Y3 = block assignment Y4 = licence-exempt R = Refarming **) U = under study N = not implemented / see remarks

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
ERC Recommendation 14-01																																														
1 and 2 (FDD) (5925 MHz - 6175 MHz and 6175 MHz - 6425 MHz): a (FDD) 59.3 MHz	Y	?	Y	N	Y	Y1	N	?	N	Y1	Y	Y	N	N	N	Y1	Y	N	N	N	N	N	Y	Y1	N	N	Y	Y1	L	?	Y	N	Y	Y1	Y	N	Y1	Y	Y1	?	Y1	N	Y	Y1	N	N
1 and 2 (FDD) (5925 MHz - 6175 MHz and 6175 MHz - 6425 MHz): b (FDD) 29.65 MHz	Y	?	Y	NP	Y	Y1	Y1	?	Y1	Y1	Y	Y	Y1	Y	Y1	Y1	Y	Y1	Y1	Y1	Y	Y1	Y	Y1	N	Y1	Y	Y1	L	?	Y	Y	Y	Y1	Y	Y	Y1	Y	Y1	?	Y1	Y1	Y	Y1	Y1	Y1
ECC Recommendation (14)06																																													
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): a (FDD) 3.5 MHz	Y	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	U	P	N	P	?	N	P	Y	N	N	N	N	N	Y	N	N
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): b (FDD) 1.75 MHz	Y	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	U	P	N	P	?	N	P	Y	N	N	N	N	N	Y	N	N
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): c (FDD) 0.5 MHz	Y	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	U	P	N	P	?	N	P	Y	N	N	N	N	N	Y	N	N
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): d (FDD) 0.25 MHz	Y	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	U	P	N	P	?	N	P	Y	N	N	N	N	N	Y	N	N
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): e (FDD) 0.025 MHz	Y	N	Y1	N	N	Y1	N	N	Y1	N	N	Y1	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	U	P	N	P	?	N	P	Y	N	N	N	N	N	Y	N	N
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): a (FDD) 3.5 MHz	Y	?	Y1	?	N	Y1	N	?	?	?	?	Y1	N	N	Y1	N	Y	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	P	Y1	N	?	N	N	N	Y	N	?
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): b (FDD) 1.75 MHz	Y	?	Y1	?	N	Y1	N	?	?	?	?	Y1	N	N	Y1	N	Y	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	P	Y1	N	?	N	N	N	Y	N	?
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): c (FDD) 0.5 MHz	Y	?	Y1	?	N	Y1	N	?	?	?	?	Y1	N	N	Y1	N	N	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	P	Y1	N	?	N	N	N	Y	N	?
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): d (FDD) 0.25 MHz	Y	?	Y1	?	N	Y1	N	?	?	?	?	Y1	N	N	Y1	N	N	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	P	Y1	N	?	N	N	N	Y	N	?
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): e (FDD) 0.025 MHz	Y	?	Y1	?	N	Y1	N	?	?	?	?	Y1	N	N	N	N	N	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	P	Y1	N	?	N	N	N	Y	N	?
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): a (FDD) 3.5 MHz	Y	?	N	?	N	Y1	N	?	?	?	?	Y1	N	N	N	N	N	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	N	N	N	?	N	N	N	N	N	?
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): b (FDD) 1.75 MHz	Y	?	N	?	N	Y1	N	?	?	?	?	Y1	N	N	N	N	N	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	N	N	N	?	N	N	N	N	N	?
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): c (FDD) 0.5 MHz	Y	?	N	?	N	Y1	N	?	?	?	?	Y1	N	N	N	N	N	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	N	N	N	?	N	N	N	N	N	?
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): d (FDD) 0.25 MHz	Y	?	N	?	N	Y1	N	?	?	?	?	Y1	N	N	N	N	N	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	N	N	N	?	N	N	N	N	N	?

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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): e (FDD) 0.025 MHz	Y	?	N	?	N	Y1	N	?	?	?	?	Y1	N	N	N	N	N	?	N	N	?	?	N	N	N	N	N	N	N	?	U	P	?	N	?	N	N	N	N	?	N	N	N	N	N	?
ERC Recommendation 14-02																																														
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): a (FDD) 40 MHz	Y1	?	Y1	?	Y	Y1	Y1	?	?	Y1	Y1	Y	Y1	Y1	Y1	Y1	Y	?	Y1	Y1	?	Y1	Y	Y1	?	Y1	Y	Y1	Y	?	Y	Y1	?	Y1	Y	N	Y1	Y3	Y1	?	Y1	Y1	N	Y1	Y	?
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): b (FDD) 30 MHz	Y1	?	Y1	?	N	Y1	Y1	?	?	N	N	Y	Y1	Y1	N	N	Y	?	Y1	N	?	?	N	N	?	Y1	Y	Y1	N	?	Y	Y1	?	N	Y	N	P	N	N	?	N	Y1	N	?	Y	?
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): c (FDD) 20 MHz	Y1	?	N	?	Y	Y1	N	?	?	N	N	Y	N	Y1	N	N	Y	?	N	N	?	Y1	N	Y1	?	N	Y	Y1	Y	?	Y	Y1	?	Y1	Y	N	N	Y3	Y1	?	N	N	N	Y1	Y	?
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): d (FDD) 14 MHz	Y1	?	N	?	N	N	N	?	?	N	N	Y	N	?	N	N	N	?	N	N	?	?	N	N	?	N	Y	Y1	N	?	Y	Y1	?	N	Y	N	N	N	N	?	N	N	N	Y1	Y	?
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): e (FDD) 7 MHz	Y1	?	N	?	N	N	N	?	?	N	N	Y	N	?	N	N	N	?	N	N	?	?	N	N	?	N	Y	Y1	N	?	Y	Y1	?	N	Y	N	N	N	N	?	N	N	N	Y1	Y	?
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): f (FDD) 3.5 MHz	Y1	?	N	?	N	N	N	?	?	N	N	Y	N	?	N	N	N	?	N	N	?	?	N	N	?	N	Y	Y1	N	?	Y	Y1	?	N	Y	N	N	N	N	?	N	N	N	Y1	Y	?
ECC Recommendation (02)06																																														
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): a (FDD) 28 MHz	Y	?	Y1	?	N	Y1	Y1	?	?	N	N	Y	N	Y1	N	NP	N	?	NP	N	?	N	N	Y1	Y1	N	Y	Y1	L	?	Y	N	?	Y1	NP	N	Y1	Y1	N	?	NP	N	NP	Y1	Y	?
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): b (FDD) 14 MHz	Y	?	Y1	?	N	Y1	Y1	?	?	Y1	Y	Y	N	Y1	N	N	N	?	N	N	?	N	N	Y1	Y1	Y1	Y	Y1	L	?	Y	N	?	Y1	NP	N	Y1	Y1	N	?	NP	Y1	N	?	Y	?
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): c (FDD) 7 MHz	Y	?	Y1	?	N	Y1	Y1	?	?	N	Y	Y	Y1	Y1	N	N	N	?	N	N	?	N	N	Y1	Y1	Y1	Y	Y1	L	?	Y	N	?	Y1	NP	N	Y1	Y1	N	?	NP	Y1	N	?	Y	?
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): d (FDD) 3.5 MHz	Y	?	N	?	N	Y1	?	?	?	N	Y	Y	N	Y1	N	N	N	?	N	N	?	N	N	N	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	Y1	Y1	N	?	N	N	N	?	Y	?
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): e (FDD) 1.75 MHz	Y	?	N	?	N	N	?	?	?	Y1	N	Y	N	?	N	N	N	?	N	N	?	N	N	N	N	N	Y	Y1	N	?	Y	N	?	N	?	N	Y1	Y1	N	?	N	N	N	?	Y	?
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): a (FDD) 28 MHz	Y	?	N	?	N	Y1	Y1	?	?	Y1	Y	Y	Y1	Y1	N	NP	N	?	Y1	Y1	?	Y1	N	Y1	Y1	Y1	Y	Y1	L	?	Y	N	?	Y1	NP	Y	Y1	Y1	Y1	?	NP	Y1	N	Y1	Y	?
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): b (FDD) 14 MHz	Y	?	N	?	N	Y1	Y1	?	?	Y1	N	Y	N	Y1	N	NP	N	?	Y1	Y1	?	Y1	N	Y1	Y1	Y1	Y	Y1	L	?	Y	N	?	Y1	NP	Y	Y1	Y1	Y1	?	NP	Y1	Y	Y1	Y	?
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): c (FDD) 7 MHz	Y	?	N	?	N	Y1	Y1	?	?	N	N	Y	N	Y1	N	NP	N	?	Y1	Y1	?	Y1	N	Y1	Y1	N	Y	Y1	L	?	Y	N	?	Y1	NP	Y	Y1	Y1	Y1	?	NP	N	Y	Y1	Y	?
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): d (FDD) 3.5 MHz	Y	?	N	?	N	Y1	?	?	?	N	N	Y	N	Y1	N	N	N	?	N	Y1	?	N	N	N	N	N	Y	Y1	N	?	Y	N	?	Y1	?	Y	Y1	Y1	Y1	?	N	N	Y	?	?	?
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): e (FDD) 1.75 MHz	Y	?	N	?	N	N	?	?	?	N	N	Y	N	?	N	N	N	?	N	Y1	?	N	N	N	N	N	Y	Y1	N	?	Y	N	?	N	?	N	Y1	Y1	Y1	?	N	N	N	?	?	?
Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz): a (FDD) 28 MHz	Y	?	N	?	N	U	?	?	?	N	N	Y	N	N	N	N	N	?	Y1	N	?	N	N	N	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	P	Y	N	?	N	N	N	?	Y	?
Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz): b (FDD) 14 MHz	Y	?	N	?	N	N	?	?	?	N	N	Y	N	N	N	N	N	?	Y1	N	?	N	N	N	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	P	Y	N	?	N	N	N	?	Y	?
Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz): c (FDD) 7 MHz	Y	?	N	?	N	N	?	?	?	N	N	Y	N	N	N	N	N	?	Y1	N	?	N	N	N	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	P	Y	N	?	N	N	N	?	Y	?

? = no info / see remarks NP = national plan N = not implemented / see remarks P = planned L = limited implementation / see remarks Y = implemented Y1 = link by link assignment Y2 = light licence registration Y3 = block assignment Y4 = licence-exempt R = Refarming
**) U = under study N = not implemented / see remarks

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 1.2.2 (29.65 MHz arrangements - H(V) and V(H) use of polarisations (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz): a (FDD) 29.65 MHz	Y	?	N	?	N	Y1	?	?	?	N	N	N	Y1	NP	N	N	N	?	Y1	N	?	Y1	N	Y1	N	N	Y	N	N	?	Y	N	?	N	?	N	Y1	N	N	?	Y1	N	N	?	?	?
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): b (FDD) 29.65 MHz	Y	?	N	?	N	Y1	?	?	?	N	N	N	Y1	NP	N	N	N	?	Y1	N	?	Y1	N	Y1	N	N	Y	N	N	?	Y	N	?	N	?	N	Y1	N	N	?	Y1	N	N	?	?	?
Annex 1.3 H(V) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz): a (FDD) 28 MHz	Y	?	N	?	Y	Y1	?	?	?	N	N	?	N	NP	N	N	N	?	?	N	?	N	N	?	N	N	Y	Y1	N	?	Y	N	?	Y	?	N	N	Y	N	?	NP	N	N	?	?	?
Annex 1.3 H(V) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz): b (FDD) 14 MHz	Y	?	N	?	Y	Y1	?	?	?	N	N	?	Y1	NP	N	N	N	?	?	N	?	N	N	?	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	N	Y	N	?	N	N	N	?	?	?
Annex 1.3 V(H) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz): a (FDD) 28 MHz	Y	?	N	?	N	Y1	?	?	?	N	N	?	N	NP	N	N	N	?	?	N	?	N	N	?	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	N	Y	N	?	N	N	N	?	?	?
Annex 1.3 V(H) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz): b (FDD) 14 MHz	Y	?	N	?	N	Y1	?	?	?	N	N	?	Y1	NP	N	N	N	?	?	N	?	N	N	?	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	N	Y	N	?	N	N	N	?	?	?
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): a (FDD) 28 MHz	Y	?	N	?	N	N	?	?	?	N	N	?	N	NP	N	N	N	?	?	N	?	N	N	?	N	N	Y	Y1	N	?	Y	N	?	Y1	?	Y	P	Y	N	?	N	N	N	?	?	?
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): b (FDD) 14 MHz	Y	?	N	?	N	N	?	?	?	N	N	?	N	NP	N	N	N	?	?	N	?	N	N	?	N	N	Y	Y1	N	?	Y	N	?	Y1	?	Y	P	Y	N	?	N	N	N	?	?	?
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): a (FDD) 28 MHz	Y	?	N	?	N	Y1	?	?	?	N	N	?	N	NP	N	?	N	?	?	N	?	Y1	N	?	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	P	Y	N	?	N	N	N	?	?	?
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): b (FDD) 14 MHz	Y	?	N	?	N	Y1	?	?	?	N	N	?	N	NP	N	?	N	?	?	N	?	Y1	N	?	N	N	Y	Y1	N	?	Y	N	?	Y1	?	N	P	Y	N	?	N	N	N	?	?	?
Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz): a (FDD) 28 MHz	Y	?	N	?	Y	Y1	?	?	?	N	L	?	N	NP	N	N	NP	?	?	NP	?	N	N	N	N	N	Y	N	L	?	Y	N	?	N	?	N	N	N	N	?	N	N	N	?	Y	?
Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz): b (FDD) 14 MHz	Y	?	N	?	Y	Y1	?	?	?	N	N	?	N	NP	N	N	NP	?	?	NP	?	N	N	N	N	N	Y	N	L	?	Y	N	?	N	?	N	N	N	N	?	N	N	N	?	Y	?
Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz): c (FDD) 7 MHz	Y	?	N	?	Y	Y1	?	?	?	N	N	?	N	NP	N	N	NP	?	?	NP	?	N	N	N	N	N	Y	N	L	?	Y	N	?	N	?	N	N	N	N	?	N	N	N	?	Y	?
Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz): a (FDD) 28 MHz	Y	?	Y1	?	N	N	?	?	?	N	N	?	N	NP	N	NP	NP	?	?	Y1	?	N	N	N	N	N	Y	N	N	?	Y	N	?	N	Y	N	N	N	Y1	?	N	N	N	?	Y	?
Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz): b (FDD) 14 MHz	Y	?	Y1	?	N	N	?	?	?	N	N	?	N	NP	N	N	NP	?	?	Y1	?	N	N	N	N	N	Y	N	N	?	Y	N	?	N	Y	N	N	N	Y1	?	N	N	N	?	Y	?
Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz): c (FDD) 7 MHz	Y	?	Y1	?	N	N	?	?	?	N	N	?	N	NP	N	N	NP	?	?	Y1	?	N	N	N	N	N	Y	N	N	?	Y	N	?	N	Y	N	N	N	Y1	?	N	N	N	?	Y	?

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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): d (FDD) 3.5 MHz	Y	?	Y1	?	N	N	?	?	?	N	N	?	N	NP	N	N	?	?	?	Y1	?	N	N	N	N	N	Y	N	N	?	Y	N	?	N	?	N	N	N	Y1	?	N	N	N	?	Y	?
Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz): e (FDD) 1.75 MHz	Y	?	Y1	?	N	N	?	?	?	N	N	?	N	NP	N	N	?	?	?	Y1	?	N	N	N	N	N	Y	N	N	?	Y	N	?	N	?	N	N	N	Y1	?	N	N	N	?	Y	?
ERC Recommendation 12-05																																														
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): a (FDD) 56 MHz	Y	?	Y1	?	N	Y1	Y	?	Y	N	?	Y	N	Y1	N	N	Y3	?	N	N	?	N	Y	N	N	N	Y	Y1	N	?	Y	Y	?	P	Y	N	N	Y	Y3	?	L	N	NP	?	N	?
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): b (FDD) 56 MHz	Y	?	Y1	?	N	Y1	Y	?	Y	N	?	Y	N	Y1	N	N	Y3	?	N	N	?	N	Y	N	Y1	N	Y	Y1	N	?	Y	Y	?	P	Y	N	N	Y	Y3	?	L	N	NP	?	N	?
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): c (FDD) 28 MHz	Y	?	Y1	?	N	Y1	Y	?	Y	N	?	Y	N	Y1	N	N	Y3	?	N	NP	?	N	Y	L	Y1	Y1	Y	Y1	Y	?	Y	Y	?	P	Y	Y	N	Y	Y3	?	L	Y1	NP	Y	L	?
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): d (FDD) 14 MHz	Y	?	Y1	?	N	Y1	Y	?	Y	N	?	Y	N	Y1	N	Y1	Y3	?	N	NP	?	N	Y	L	Y1	Y1	Y	Y1	Y	?	Y	Y	?	P	Y	Y	N	Y	Y3	?	L	Y1	Y3	?	Y	?
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): e (FDD) 7 MHz	Y	?	Y1	?	N	Y1	Y	?	Y	N	?	Y	NP	Y1	N	N	Y3	?	N	NP	?	N	Y	L	Y1	Y1	Y	Y1	Y	?	Y	Y	?	P	Y	Y	N	Y	Y3	?	L	Y1	Y3	?	Y	?
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): f (FDD) 3.5 MHz	Y	?	Y1	?	N	Y1	Y	?	Y	N	?	Y	NP	Y1	N	N	Y3	?	N	NP	?	N	Y	N	N	Y1	Y	Y1	Y	?	Y	Y	?	P	Y	Y	N	Y	Y3	?	L	Y1	Y	?	N	?
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): g (FDD) 0.5 MHz	Y	?	N	?	N	N	Y	?	Y	N	?	Y	N	?	N	N	Y3	?	N	N	?	N	N	N	N	N	Y	Y1	Y	?	Y	N	?	P	?	N	N	Y	Y3	?	L	N	N	?	L	?
ERC Recommendation 12-06																																														
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): a (FDD) 112 MHz	N	?	N	?	N	N	N	?	?	?	?	?	N	?	N	N	N	?	?	?	?	N	?	N	N	N	?	?	N	?	Y	N	?	N	?	N	?	N	N	?	Y1	N	N	Y1	N	?
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): b (FDD) 80 MHz	N	?	N	?	N	N	N	?	?	N	?	N	N	NP	N	N	N	?	N	?	?	N	N	N	N	N	Y	N	N	?	Y	Y1	?	N	?	N	N	N	N	?	NP	N	N	?	N	?
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): c (FDD) 80 MHz	N	?	N	?	N	N	N	?	?	N	?	N	N	NP	?	N	N	?	N	Y1	?	N	N	N	N	N	Y	N	N	?	Y	Y1	?	N	?	N	N	N	N	?	NP	N	N	?	N	?
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): d (FDD) 56 MHz	N	?	N	?	N	N	N	?	?	N	?	N	N	NP	N	N	N	?	N	?	?	N	N	N	N	N	N	N	N	?	Y	N	?	N	?	N	N	N	N	?	Y1	N	N	Y1	N	?
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): e (FDD) 40 MHz	Y	?	N	?	Y	Y1	Y1	?	?	N	?	N	Y1	NP	N	N	N	?	N	Y1	?	N	N	N	N	R	Y	N	N	?	Y	Y1	?	N	?	Y	N	N	N	?	NP	R	N	?	N	?
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): f (FDD) 28 MHz	Y	?	N	?	N	Y1	N	?	?	N	?	N	N	NP	N	N	N	?	N	?	?	N	N	N	N	N	N	N	N	?	Y	N	?	N	?	Y	N	N	N	?	Y1	Y1	N	Y1	N	?
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): a (FDD) 112 MHz	N	?	Y1	?	N	N	?	?	?	Y1	?	?	N	?	N	N	N	?	?	?	?	N	?	N	N	N	?	?	N	?	Y	N	?	N	?	N	?	N	N	?	N	N	Y	?	N	?
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): b (FDD) 80 MHz	N	?	Y1	?	N	N	?	?	?	Y1	?	N	N	NP	N	N	N	?	Y1	?	?	Y1	Y	Y1	N	N	Y	N	N	?	Y	N	?	Y	?	N	N	N	N	?	N	N	N	?	N	?

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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): c (FDD) 56 MHz	N	?	Y1	?	N	N	?	?	?	Y1	?	N	N	NP	N	N	N	?	N	?	?	N	N	N	N	N	N	N	Y	?	Y	N	?	N	?	N	Y1	N	N	?	N	?	N	Y	?	N	?
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): d (FDD) 56 MHz	N	?	Y1	?	N	N	?	?	?	Y1	?	N	N	NP	?	N	N	?	N	?	?	N	N	N	N	N	N	N	Y	?	Y	N	?	N	?	N	N	N	N	?	N	N	Y	?	N	?
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): e (FDD) 40 MHz	Y	?	Y1	?	N	Y1	?	?	?	Y1	?	N	N	NP	Y1	N	N	?	Y1	?	?	Y1	Y	Y1	N	N	Y	N	N	?	Y	N	?	Y1	?	N	Y1	N	N	?	N	N	N	?	N	?
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): f (FDD) 28 MHz	Y	?	Y1	?	N	Y1	?	?	?	Y1	?	N	N	NP	N	N	N	?	N	?	?	N	N	N	N	N	N	N	Y	?	Y	N	?	N	?	N	P	N	N	?	N	N	Y	?	N	?
ERC Recommendation 12-02																																														
A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz): a (FDD) 56 MHz	Y	?	Y1	?	Y	N	N	?	?	Y1	Y	Y	N	Y1	N	Y1	Y	?	Y1	N	?	Y1	Y	Y1	N	N	Y	Y1	L	?	Y	Y	?	Y1	Y	Y	Y1	Y3	Y1	?	Y1	N	Y	Y1	Y	?
A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz): b (FDD) 28 MHz	Y	?	Y1	?	Y	Y1	Y1	?	?	Y1	Y	Y	Y1	Y1	Y1	Y1	Y	?	Y1	Y1	?	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): c (FDD) 14 MHz	Y	?	N	?	Y	Y1	Y1	?	?	N	N	Y	N	Y1	Y1	Y1	Y	?	Y1	L	?	Y1	Y	Y1	Y1	Y1	Y	Y1	L	?	Y	Y	?	Y1	Y	Y	Y1	Y3	Y1	?	Y1	Y1	N	Y1	Y	?
A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz): d (FDD) 7 MHz	Y	?	N	?	Y	Y1	Y1	?	?	Y1	N	Y	N	Y1	Y1	Y1	Y	?	Y1	L	?	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): e (FDD) 3.5 MHz	Y	?	N	?	Y	Y1	Y1	?	?	Y1	N	Y	N	Y1	Y1	N	Y	?	Y1	L	?	Y1	Y	Y1	N	Y1	Y	Y1	L	?	Y	Y	?	Y1	Y	Y	Y1	Y3	N	?	N	N	Y	Y1	Y	?
A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz): f (FDD) 1.75 MHz	Y	?	N	?	Y	N	N	?	?	N	N	Y	N	Y1	Y1	N	Y	?	Y1	N	?	Y1	Y	N	N	N	Y	Y1	L	?	Y	Y	?	N	Y	N	P	Y3	N	?	N	N	N	?	Y	?
ERC Recommendation 12-07																																														
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): a (FDD) 56 MHz	Y	?	Y1	?	Y	Y1	N	?	?	N	N	Y	N	Y1	N	N	Y	?	NP	Y1	?	N	Y	Y1	Y1	N	Y	Y1	N	?	U	Y1	?	Y1	?	Y	N	N	NP	?	Y1	N	N	Y	N	?
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): b (FDD) 28 MHz	Y	?	Y1	?	Y	Y1	N	?	?	Y1	N	Y	Y1	Y1	N	N	Y	?	NP	Y1	?	Y1	Y	Y1	Y1	Y1	Y	Y1	Y	?	U	Y1	?	Y1	?	Y	N	N	NP	?	Y1	Y1	Y	Y	Y	?
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): c (FDD) 14 MHz	Y	?	Y1	?	Y	Y1	N	?	?	Y1	Y	Y	Y1	Y1	N	Y1	Y	?	NP	Y1	?	N	Y	Y1	Y1	Y1	Y	Y1	Y	?	U	Y1	?	Y1	?	Y	Y1	N	NP	?	Y1	Y1	Y	Y	Y	?
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): d (FDD) 7 MHz	Y	?	Y1	?	Y	Y1	N	?	?	Y1	Y	Y	Y1	Y1	N	N	Y	?	NP	Y1	?	N	Y	Y1	Y1	Y1	Y	Y1	Y	?	U	Y1	?	Y1	?	Y	Y1	N	NP	?	Y1	Y1	Y	Y	Y	?

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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): e (FDD) 3.5 MHz	Y	?	Y1	?	Y	Y1	N	?	?	N	Y	Y	N	Y1	N	N	Y	?	NP	Y1	?	N	Y	Y1	N	N	Y	Y1	Y	?	U	Y1	?	Y1	?	Y	Y1	N	NP	?	N	N	N	Y	N	?
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): f (FDD) 1.75 MHz	Y	?	Y1	?	Y	N	N	?	?	N	N	Y	N	?	N	N	Y	?	N	N	?	N	Y	N	N	N	Y	Y1	Y	?	U	Y1	?	N	?	N	P	N	NP	?	N	N	N	Y	N	?
ERC Recommendation 12-03																																														
1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz): a (FDD) 110 MHz	Y	Y	Y1	?	Y	N	Y	?	Y	Y1	N	Y	Y1	Y1	Y1	Y1	Y	NP	Y1	Y1	Y	Y1	Y	Y1	Y1	N	Y	Y1	Y	?	U	Y	Y	Y1	Y	N	N	Y3	Y1	?	Y1	N	Y	Y	N	Y
1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz): b (FDD) 55 MHz	Y	Y	Y1	?	Y	Y1	Y	?	Y	Y1	Y	Y	Y1	Y1	Y1	Y1	Y	NP	Y1	Y1	Y	Y1	Y	Y1	Y1	Y1	Y	Y1	Y	?	U	Y	Y	Y1	Y	Y	Y1	Y3	Y1	?	Y1	Y1	Y	Y	Y	Y
1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz): c (FDD) 27.5 MHz	Y	Y	Y1	?	Y	Y1	Y	?	Y	Y1	Y	Y	Y1	Y1	NP	Y1	Y	NP	Y1	Y1	Y	Y1	Y	Y1	Y1	Y1	Y	Y1	Y	?	U	Y	Y	Y1	Y	Y	Y1	Y3	Y1	?	Y1	Y1	Y	Y	Y	Y
1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz): d (FDD) 13.75 MHz	Y	Y	Y1	?	Y	Y1	Y	?	Y	Y1	Y	Y	Y1	Y1	NP	NP	Y	?	Y1	N	Y	Y1	Y	N	Y1	Y1	Y	Y1	Y	?	U	Y	Y	Y1	Y	Y	Y1	Y3	Y1	?	NP	Y1	Y	Y	Y	Y
2 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz): a (FDD) 220 MHz	Y	?	Y1	?	N	N	?	?	?	Y1	?	?	N	?	N	Y1	?	?	?	N	?	N	Y	Y1	N	N	?	?	Y	?	U	N	?	N	Y	N	?	N	Y1	?	N	N	Y	?	N	?
Recommendation T/R 13-02																																														
1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): a (FDD) 112 MHz	Y	?	Y	?	Y	Y1	NP	?	?	N	Y1	Y	Y1	Y1	N	Y1	Y	?	Y1	N	?	Y1	Y	Y1	Y1	N	Y	Y1	Y	?	Y	Y1	Y1	Y1	Y	Y	N	Y3	Y1	?	Y1	N	Y	Y	Y	?
1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): b (FDD) 56 MHz	Y	?	Y	?	Y	Y1	NP	?	?	N	Y1	Y	Y1	Y1	N	Y1	Y	?	Y1	N	?	Y1	Y	Y1	Y1	N	Y	Y1	Y	?	Y	Y1	Y1	Y1	Y	Y	Y1	Y3	Y1	?	NP	N	Y	Y	Y	?
1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): c (FDD) 56 MHz	Y	?	Y	?	Y	Y1	NP	?	?	Y1	Y1	Y	Y1	Y1	Y1	N	Y	?	N	L	?	Y1	Y	Y1	Y1	N	Y	Y1	Y	?	Y	Y1	Y1	Y1	Y	Y	N	Y3	Y1	?	Y1	N	Y	Y	Y	?
1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): d (FDD) 28 MHz	Y	?	Y	?	Y	Y1	NP	?	?	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): e (FDD) 14 MHz	Y	?	Y	?	Y	Y1	NP	?	?	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): f (FDD) 7 MHz	Y	?	N	?	Y	Y1	NP	?	?	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): g (FDD) 3.5 MHz	Y	?	N	?	Y	Y1	NP	?	?	Y1	Y1	Y	Y1	Y1	Y1	N	Y	?	Y1	Y1	?	Y1	Y	Y1	N	N	Y	Y1	Y	?	Y	Y1	Y1	Y1	Y	Y	Y1	Y3	Y1	?	Y1	N	Y	Y	Y	?
1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz): a (FDD) 28 MHz	Y	?	Y	?	N	Y1	N	?	?	NP	Y1	L	N	N	Y1	N	N	?	N	N	?	N	N	N	N	N	Y	N	N	?	Y	N	N	N	Y	N	N	Y	N	?	N	N	N	Y	N	?
1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz): b (FDD) 14 MHz	Y	?	Y	?	N	Y1	N	?	?	N	Y1	L	N	N	Y1	N	N	?	N	N	?	N	N	N	N	N	Y	N	N	?	Y	N	N	N	Y	N	N	Y	N	?	N	N	N	Y	N	?

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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): c (FDD) 7 MHz	Y	?	N	?	N	Y1	N	?	?	N	Y1	L	N	N	Y1	N	N	?	N	N	?	N	N	N	N	N	Y	N	N	?	Y	N	N	N	Y	N	N	Y	N	?	N	N	N	Y	N	?
1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz): d (FDD) 3.5 MHz	Y	?	N	?	N	Y1	N	?	?	N	Y1	L	N	N	Y1	N	N	?	N	N	?	N	N	N	N	N	Y	N	N	?	Y	N	N	N	Y	N	N	Y	N	?	N	N	N	Y	N	?
1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz): d (TDD) 3.5 MHz	Y	?	N	?	N	Y1	N	?	?	N	Y1	L	N	N	Y1	N	N	?	N	N	?	N	N	N	N	N	Y	N	N	?	Y	N	N	N	?	N	N	Y	N	?	N	N	N	Y	N	?
1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz): c (TDD) 7 MHz	Y	?	N	?	N	Y1	N	?	?	N	Y1	L	N	N	Y1	N	N	?	N	N	?	N	N	N	N	N	Y	N	N	?	Y	N	N	N	?	N	N	Y	N	?	N	N	N	Y	N	?
1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz): b (TDD) 14 MHz	Y	?	N	?	N	Y1	N	?	?	N	Y1	L	N	N	Y1	N	N	?	N	N	?	N	N	N	N	N	Y	N	N	?	Y	N	N	N	?	N	N	Y	N	?	N	N	N	Y	N	?
1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz): a (TDD) 28 MHz	Y	?	N	?	N	Y1	N	?	?	N	Y1	L	N	N	Y1	N	N	?	N	N	?	N	N	N	N	N	Y	N	N	?	Y	N	N	N	?	N	N	Y	N	?	N	N	N	Y	N	?
2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz): a (FDD) 112 MHz	Y	?	Y	?	Y	Y1	Y3	?	?	Y1	N	L	N	N	Y1	N	Y	?	Y3	Y3	?	N	Y	N	N	N	Y	Y1	N	?	Y	Y1	?	Y1	N	N	N	Y3	Y1	?	Y1	N	N	Y	Y	?
2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz): b (FDD) 56 MHz	Y	?	Y	?	Y	Y1	Y3	?	?	Y1	N	L	N	N	Y1	N	Y	?	Y3	Y3	?	N	Y	N	N	Y1	Y	Y1	N	?	Y	Y1	?	Y1	N	Y	N	Y3	Y1	?	Y1	Y1	NP	Y	Y	?
2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz): c (FDD) 28 MHz	Y	?	Y	?	Y	Y1	Y3	?	?	Y1	Y1	L	N	N	Y1	N	Y	?	Y3	Y3	?	N	Y	L	N	Y1	Y	Y1	N	?	Y	Y1	?	Y1	N	Y	N	Y3	Y1	?	Y1	Y1	NP	Y	Y	?
2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz): d (FDD) 14 MHz	Y	?	N	?	Y	Y1	Y3	?	?	Y1	Y1	L	N	N	Y1	N	Y	?	Y3	Y3	?	N	Y	L	N	N	Y	Y1	N	?	Y	Y1	?	Y1	N	Y	N	Y3	Y1	?	Y1	N	NP	Y	Y	?
2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz): e (FDD) 7 MHz	Y	?	N	?	Y	Y1	Y3	?	?	Y1	Y1	L	N	N	N	N	Y	?	Y3	Y3	?	N	Y	L	N	N	Y	Y1	N	?	Y	Y1	?	Y1	N	Y	N	Y3	Y1	?	Y1	N	NP	Y	Y	?
2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz): f (FDD) 3.5 MHz	Y	?	N	?	Y	Y1	Y3	?	?	Y1	Y1	L	N	N	N	N	Y	?	Y3	Y3	?	N	Y	L	N	N	Y	Y1	N	?	Y	Y1	?	Y1	N	Y	N	Y3	Y1	?	Y1	N	NP	Y	Y	?
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): a (FDD) 112 MHz	Y	?	Y	?	Y	Y1	Y1	?	?	Y1	N	L	Y1	NP	N	N	Y3	?	N	N	?	Y1	Y	L	N	N	Y	Y1	N	?	Y	Y1	?	Y1	Y	N	N	Y3	Y3	?	Y1	N	N	Y	Y	?
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): b (FDD) 56 MHz	Y	?	Y	?	Y	Y1	Y1	?	?	Y1	N	L	Y1	NP	N	Y1	Y3	?	N	N	?	Y1	Y	L	N	Y1	Y	Y1	N	?	Y	Y1	?	Y1	Y	Y	N	Y3	Y3	?	Y1	Y1	N	Y	Y	?
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): c (FDD) 28 MHz	Y	?	Y	?	Y	Y1	Y1	?	?	Y1	Y1	L	Y1	NP	N	Y1	Y3	?	Y3	N	?	Y1	Y	L	N	Y1	Y	Y1	N	?	Y	Y1	?	Y1	Y	Y	N	Y3	Y3	?	Y1	Y1	NP	Y	Y	?
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): d (FDD) 14 MHz	Y	?	Y	?	Y	Y1	Y1	?	?	Y1	Y1	L	Y1	NP	N	Y1	Y3	?	N	N	?	Y1	Y	L	N	N	Y	Y1	N	?	Y	Y1	?	Y1	Y	Y	N	Y3	Y3	?	Y1	N	NP	Y	Y	?
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): e (FDD) 7 MHz	Y	?	N	?	Y	Y1	Y1	?	?	N	Y1	L	Y1	NP	N	N	Y3	?	N	N	?	Y1	Y	L	N	N	Y	Y1	N	?	Y	Y1	?	Y1	Y	Y	N	Y3	Y3	?	Y1	N	NP	Y	Y	?
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): f (FDD) 3.5 MHz	Y	?	N	?	Y	Y1	Y1	?	?	N	Y1	L	N	NP	N	N	Y3	?	N	N	?	Y1	Y	L	N	N	Y	Y1	N	?	Y	Y1	?	Y1	Y	Y	N	Y3	Y3	?	?	N	NP	Y	Y	?
4 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): a (FDD) 224 MHz	Y	?	Y	?	N	Y1	?	?	?	N	?	?	N	?	N	Y1	N	?	?	N	?	N	Y	Y1	N	N	Y	?	N	?	Y	N	?	N	Y	N	?	N	Y1	?	N	N	N	Y	?	?
4 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): b (FDD) 224 MHz	Y	?	Y	?	N	Y1	?	?	?	N	?	?	N	?	?	N	N	?	?	N	?	N	Y	Y1	N	N	Y	?	N	?	Y	N	?	N	Y	N	?	N	Y1	?	N	N	N	Y	?	?
5 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): a (FDD) 224 MHz	Y	?	Y	?	N	Y1	?	?	?	Y1	?	?	N	?	N	N	Y3	?	?	N	?	N	Y	Y1	N	N	Y	?	N	?	Y	N	?	N	Y	N	?	Y	Y3	?	N	N	N	Y	?	?

? = no info / see remarks NP = national plan N = not implemented / see remarks P = planned L = limited implementation / see remarks Y = implemented Y1 = link by link assignment Y2 = light licence registration Y3 = block assignment Y4 = licence-exempt R = Refarming **) U = under study N = not implemented / see remarks

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
ECC Recommendation (02)02																																															
A (31000 MHz - 31300 MHz): d (TDD) 3.5 MHz	N	?	Y	?	N	Y1	N	?	Y	N	Y	N	Y1	Y	N	P	N	?	N	Y1	Y	N	P	N	N	N	Y	Y1	Y	?	Y	Y	Y	P	?	N	N	N	N	?	N	N	N	Y	N	?
A (31000 MHz - 31300 MHz): c (TDD) 7 MHz	N	?	Y	?	N	Y1	N	?	Y	Y1	Y	N	Y1	Y	N	P	N	?	N	Y1	Y	N	P	N	N	N	Y	Y1	Y	?	Y	Y	Y	P	?	N	N	N	N	?	N	N	N	Y	N	?
A (31000 MHz - 31300 MHz): b (TDD) 14 MHz	N	?	Y	?	N	Y1	N	?	Y	Y1	Y	N	Y1	Y	N	P	N	?	N	Y1	Y	N	P	N	N	N	Y	Y1	Y	?	Y	Y	Y	P	?	N	N	N	N	?	N	N	N	Y	N	?
A (31000 MHz - 31300 MHz): a (TDD) 28 MHz	N	?	Y	?	N	Y1	N	?	Y	Y1	Y	N	Y1	Y	N	P	NP	?	N	Y1	Y	N	P	N	N	N	Y	Y1	Y	?	Y	Y	Y	P	?	N	N	N	N	?	N	N	N	Y	N	?
B (31000 MHz - 31150 MHz and 31150 MHz - 31300 MHz): a (FDD) 28 MHz	N	?	Y	?	Y	Y1	Y1	?	Y	Y1	Y	N	Y1	Y	N	P	NP	?	N	Y1	Y	N	P	N	Y1	N	Y	Y1	Y	?	Y	Y	Y	P	?	N	Y1	Y	N	?	N	N	N	N	N	?
B (31000 MHz - 31150 MHz and 31150 MHz - 31300 MHz): b (FDD) 14 MHz	N	?	Y	?	Y	Y1	Y1	?	Y	Y1	Y	N	Y1	Y	N	P	N	?	N	Y1	Y	N	P	N	Y1	N	Y	Y	Y	?	Y	Y	Y	P	?	N	P	Y	N	?	N	N	N	N	N	?
B (31000 MHz - 31150 MHz and 31150 MHz - 31300 MHz): c (FDD) 7 MHz	N	?	Y	?	Y	Y1	Y1	?	Y	Y1	Y	N	Y1	Y	N	P	N	?	N	Y1	Y	N	P	N	Y1	N	Y	Y1	Y	?	Y	Y	Y	P	?	N	P	Y	N	?	N	N	N	N	N	?
B (31000 MHz - 31150 MHz and 31150 MHz - 31300 MHz): d (FDD) 3.5 MHz	N	?	Y	?	Y	Y1	Y1	?	Y	N	Y	N	Y1	Y	N	P	N	?	N	Y1	Y	N	P	N	Y1	N	Y	Y1	Y	?	Y	Y	Y	P	?	N	P	Y	N	?	N	N	N	N	N	?
ERC Recommendation (01)02																																														
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): a (FDD) 112 MHz	N	?	Y	?	Y	Y1	Y1	?	?	Y1	N	NP	Y1	Y	Y1	Y1	Y3	?	Y1	Y3	?	?	Y	N	?	N	Y	Y1	L	?	Y	Y	?	P	Y	N	N	Y	Y1	?	Y1	N	Y	Y1	Y	?
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): b (FDD) 56 MHz	N	?	Y	?	Y	Y1	Y1	?	?	Y1	Y	NP	Y1	Y	Y1	Y1	Y3	?	Y1	Y3	?	?	Y	N	?	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): c (FDD) 28 MHz	N	?	Y	?	Y	Y1	Y1	?	?	Y1	Y	NP	Y1	Y	N	N	Y3	?	Y1	Y3	?	?	Y	N	?	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): d (FDD) 14 MHz	N	?	Y	?	Y	Y1	Y1	?	?	Y1	Y	NP	Y1	Y	N	N	Y3	?	Y1	Y3	?	?	Y	N	?	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): e (FDD) 7 MHz	Y1	?	Y	?	Y	Y1	Y1	?	?	N	Y	NP	Y1	Y	N	N	Y3	?	Y1	Y3	?	?	Y	N	?	N	Y	Y1	L	?	Y	Y	?	P	Y	Y	Y1	Y	Y1	?	Y1	N	N	Y1	Y	?
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): f (FDD) 3.5 MHz	Y1	?	Y	?	Y	Y1	Y1	?	?	N	Y	NP	Y1	Y	N	N	Y3	?	N	Y3	?	?	Y	N	?	N	Y	Y1	L	?	Y	Y	?	P	Y	Y	Y1	Y	Y1	?	Y1	N	N	Y1	Y	?
Annex 2 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): a (FDD) 224 MHz	N	?	Y	?	N	Y1	?	?	?	N	?	?	N	?	N	?	Y3	?	?	N	?	?	Y	N	?	N	?	?	N	?	Y	Y	?	P	Y	Y	?	N	Y1	?	N	N	Y	Y1	?	?
Recommendation T/R 12-01																																														
Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): a (FDD) 112 MHz	Y	?	Y	?	Y	Y1	Y1	?	?	Y1	N	Y	Y1	Y1	Y1	N	Y	?	Y1	Y1	Y	Y1	Y	Y1	Y1	N	Y	Y1	Y	?	Y	Y1	Y	Y1	Y	Y	N	Y3	Y1	?	Y1	N	Y	?	Y	?

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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 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): b (FDD) 56 MHz	Y	?	Y	?	Y	Y1	Y1	?	?	Y1	Y	Y	Y1	Y1	Y1	Y1	Y	?	Y1	Y1	Y	Y1	Y	Y1	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): c (FDD) 28 MHz	Y	?	Y	?	Y	Y1	Y1	?	?	Y1	Y	Y	Y1	Y1	NP	Y1	Y	?	Y1	Y1	Y	Y1	Y	Y1	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): d (FDD) 14 MHz	Y	?	Y	?	Y	Y1	Y1	?	?	Y1	Y	Y	Y1	Y1	Y1	Y1	Y	?	Y1	Y1	Y	Y1	Y	Y1	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): e (FDD) 7 MHz	Y	?	N	?	Y	Y1	Y1	?	?	Y1	Y	Y	Y1	Y1	Y1	Y1	Y	?	Y1	Y1	Y	Y1	Y	Y1	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): f (FDD) 3.5 MHz	Y	?	N	?	Y	Y1	N	?	?	Y1	Y	Y	Y1	Y1	Y1	N	Y	?	Y1	Y1	Y	Y1	Y	Y1	N	N	Y	Y1	Y	?	Y	Y1	Y	Y1	Y	Y	Y1	Y3	Y1	?	Y1	N	Y	Y	Y	?
Annex 2 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): a (FDD) 224 MHz	N	?	Y	?	?	Y1	?	?	?	Y1	?	?	N	?	N	?	N	?	?	N	?	N	Y	Y1	N	N	?	?	Y	?	Y	Y1	?	N	Y	N	?	N	Y1	?	?	N	N	Y	?	?	?
ECC Recommendation (01)04																																															
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): a (FDD) 224 MHz	N	?	Y	?	N	Y1	N	?	?	N	N	Y1	N	NP	N	N	Y3	?	N	N	?	N	Y	N	N	N	Y	Y1	Y	?	Y	Y3	?	N	Y	Y	P	P	N	?	N	N	N	?	?	?
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): b (FDD) 112 MHz	N	?	Y	?	Y	Y1	N	?	?	Y1	N	Y1	N	NP	?	Y1	Y3	?	?	N	?	N	Y	Y1	N	Y1	Y	Y1	Y	?	Y	Y3	?	N	Y	Y	N	P	N	?	N	Y1	N	?	?	?
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): c (FDD) 56 MHz	N	?	Y	?	Y	Y1	N	?	?	Y1	Y1	Y1	N	NP	N	N	Y3	?	Y1	N	?	N	Y	Y1	N	Y1	Y	Y1	Y	?	Y	Y3	?	N	Y	Y	P	P	N	?	N	Y1	N	?	?	?
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): d (FDD) 28 MHz	N	?	Y	?	Y	Y1	N	?	?	Y1	Y1	Y1	N	NP	N	N	Y3	?	Y1	N	?	N	Y	Y1	N	Y1	Y	Y1	Y	?	Y	Y3	?	N	Y	Y	P	P	N	?	N	Y1	N	?	?	?
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): e (FDD) 14 MHz	N	?	Y	?	Y	Y1	N	?	?	Y1	Y1	Y1	N	NP	N	N	Y3	?	Y1	N	?	N	Y	Y1	N	N	Y	Y1	Y	?	Y	Y3	?	N	Y	Y	P	P	N	?	N	N	N	?	?	?
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): f (FDD) 7 MHz	N	?	Y	?	Y	Y1	N	?	?	N	Y1	Y1	N	NP	N	N	Y3	?	Y1	N	?	N	Y	Y1	N	N	Y	Y1	Y	?	Y	Y3	?	N	Y	Y	P	P	N	?	N	N	N	?	?	?
ERC Recommendation 12-11																																														
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): a (FDD) 112 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	N	Y1	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	N	Y	Y	?	?
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): b (FDD) 56 MHz	Y1	?	N	?	N	Y1	Y1	?	?	Y1	N	Y	N	NP	N	P	Y	?	N	Y1	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	Y1	N	N	?	?	N	Y	Y	?	?
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): c (FDD) 28 MHz	Y1	?	N	?	N	Y1	Y1	?	?	Y1	N	Y	N	NP	N	P	Y	?	N	Y1	?	N	P	N	N	Y1	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	Y1	Y	Y	?	?
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): d (FDD) 14 MHz	Y1	?	N	?	N	Y1	Y1	?	?	Y1	N	Y	N	NP	N	P	Y	?	N	Y1	?	N	P	N	N	Y1	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	Y1	Y	Y	?	?
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): e (FDD) 7 MHz	Y1	?	N	?	N	Y1	Y1	?	?	Y1	N	Y	N	NP	N	P	Y	?	N	N	?	N	P	N	N	Y1	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	Y1	Y	Y	?	?
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): f (FDD) 3.5 MHz	Y1	?	N	?	N	Y1	Y1	?	?	Y1	N	Y	N	NP	N	P	Y	?	N	N	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	N	Y	Y	?	?

? = no info / see remarks NP = national plan N = not implemented / see remarks P = planned L = limited implementation / see remarks Y = implemented Y1 = link by link assignment Y2 = light licence registration Y3 = block assignment Y4 = licence-exempt R = Refarming **) U = under study N = not implemented / see remarks

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 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): a (FDD) 112 MHz	Y	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	N	Y1	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	N	Y	?	?	?
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): b (FDD) 56 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	N	Y1	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	Y1	N	N	?	?	N	Y	?	?	?
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): c (FDD) 28 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	N	Y1	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	N	Y	?	?	?
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): d (FDD) 14 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	N	Y1	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	N	Y	?	?	?
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): e (FDD) 7 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	N	Y1	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	N	Y	?	?	?
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): f (FDD) 3.5 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	N	Y1	?	N	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	?	N	P	N	N	?	?	N	Y	?	?	?
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): a (FDD) 224 MHz	Y1	?	Y	?	N	N	N	?	?	N	N	?	Y1	NP	N	P	N	?	N	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	Y2	Y	N	N	Y	N	?	?	N	?	?	?	?
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): b (FDD) 112 MHz	Y1	?	Y	?	N	N	N	?	?	N	N	?	Y1	NP	N	P	N	?	N	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	Y2	Y	N	N	Y	N	?	?	N	?	?	?	?
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): c (FDD) 56 MHz	Y1	?	Y	?	Y	N	N	?	?	N	N	?	Y1	NP	N	P	N	?	N	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	Y2	Y	N	N	Y	N	?	?	N	?	?	?	?
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): d (FDD) 28 MHz	Y1	?	Y	?	Y	N	N	?	?	N	N	?	Y1	NP	N	P	N	?	N	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	Y2	Y	N	N	Y	N	?	?	N	?	?	?	?
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): e (FDD) 14 MHz	Y1	?	Y	?	Y	N	N	?	?	N	N	?	Y1	NP	N	P	N	?	N	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	Y2	Y	N	N	Y	N	?	?	N	?	?	?	?
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): a (FDD) 224 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	L	N	?	N	P	N	N	N	Y	N	N	?	Y	N	?	N	?	N	P	N	N	?	?	N	?	?	?	?
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): b (FDD) 112 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	?	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	N	?	N	P	N	N	?	?	N	?	?	?	?
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): c (FDD) 56 MHz	Y1	?	N	?	N	Y1	N	?	?	N	N	?	N	NP	N	P	N	?	?	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	N	?	N	Y1	N	N	?	?	N	?	?	?	?
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): d (FDD) 28 MHz	Y1	?	U	?	N	Y1	N	?	?	Y1	N	?	N	NP	N	P	N	?	?	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	N	?	N	P	N	N	?	?	N	?	?	?	?
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): e (FDD) 14 MHz	Y1	?	N	?	N	Y1	N	?	?	Y1	N	?	N	NP	N	P	N	?	?	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	N	?	N	P	N	N	?	?	N	?	?	?	?
4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz): a (FDD) 14 MHz	Y1	?	N	?	N	N	N	?	?	N	N	?	N	NP	N	P	N	?	?	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	N	?	N	N	N	N	?	?	N	Y	?	?	?
4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz): b (FDD) 7 MHz	Y1	?	N	?	N	N	N	?	?	N	N	?	N	NP	N	P	N	?	?	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	N	?	N	N	N	N	?	?	N	Y	?	?	?
4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz): c (FDD) 3.5 MHz	Y1	?	N	?	N	N	N	?	?	N	N	?	N	NP	N	P	N	?	?	N	?	N	P	N	N	N	Y	N	Y	?	Y	N	?	N	?	N	N	N	N	?	?	N	Y	?	?	?
ERC Recommendation 12-12																																														
A (TDD) (55780 MHz - 57000 MHz): e (TDD) 3.5 MHz	N	?	?	?	Y	N	N	?	?	N	N	N	Y1	NP	N	P	N	?	N	Y1	?	?	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	Y	N	N	N	N	?	?	N	N	?	?	?
A (TDD) (55780 MHz - 57000 MHz): d (TDD) 7 MHz	N	?	?	?	Y	N	N	?	?	N	N	N	Y1	NP	N	P	N	?	N	Y1	?	?	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	Y	N	N	N	N	?	?	N	N	?	?	?

? = no info / see remarks NP = national plan N = not implemented / see remarks P = planned L = limited implementation / see remarks Y = implemented Y1 = link by link assignment Y2 = light licence registration Y3 = block assignment Y4 = licence-exempt R = Refarming
**) U = under study N = not implemented / see remarks

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
A (TDD) (55780 MHz - 57000 MHz): c (TDD) 14 MHz	N	?	?	?	Y	N	N	?	?	N	N	N	Y1	NP	N	P	N	?	N	Y1	?	?	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	Y	N	N	N	N	?	?	N	N	?	?	?
A (TDD) (55780 MHz - 57000 MHz): b (TDD) 28 MHz	N	?	?	?	Y	N	N	?	?	N	N	N	Y1	NP	N	P	N	?	N	Y1	?	?	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	Y	N	N	N	N	?	?	N	N	?	?	?
A (TDD) (55780 MHz - 57000 MHz): a (TDD) 56 MHz	N	?	?	?	Y	N	N	?	?	N	N	N	Y1	NP	N	P	N	?	N	Y1	?	?	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	Y	N	N	N	N	?	?	N	N	?	?	?
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): a (FDD) 56 MHz	N	?	?	?	Y	Y1	Y1	?	?	N	N	Y	Y1	NP	N	P	Y	?	Y1	Y1	?	?	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	Y2	Y	N	Y1	Y	N	?	?	N	N	Y	?	?
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): b (FDD) 28 MHz	N	?	?	?	Y	Y1	Y1	?	?	N	Y	Y	Y1	NP	N	P	Y	?	Y1	Y1	?	?	P	N	N	Y1	Y	Y1	Y	?	Y	Y1	?	Y2	Y	N	P	Y	N	?	?	Y1	N	Y	?	?
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): c (FDD) 14 MHz	N	?	?	?	Y	Y1	Y1	?	?	N	Y	Y	Y1	NP	N	P	Y	?	Y1	Y1	?	?	P	N	N	Y1	Y	Y1	Y	?	Y	Y1	?	Y2	Y	N	P	Y	N	?	?	Y1	N	Y	?	?
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): d (FDD) 7 MHz	N	?	?	?	Y	N	Y1	?	?	N	Y	Y	Y1	NP	N	P	Y	?	Y1	Y1	?	?	P	N	N	Y1	Y	Y1	Y	?	Y	Y1	?	N	Y	N	P	Y	N	?	?	Y1	N	Y	?	?
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): e (FDD) 3.5 MHz	N	?	?	?	Y	N	Y1	?	?	N	Y	Y	Y1	NP	N	P	Y	?	Y1	Y1	?	?	P	N	N	N	Y	Y1	Y	?	Y	Y1	?	N	Y	N	P	Y	N	?	?	N	N	Y	?	?
ECC Recommendation (05)07																																														
1 (used for FDD or TDD) (71000 MHz - 76000 MHz): a (FDD or TDD) 250 MHz	Y	Y	L	?	Y	N	N	?	?	Y2	Y	N	Y	NP	N	N	Y2	?	Y	Y4	Y	N	?	Y	Y1	N	Y2	Y1	Y	?	Y	Y1	Y	N	Y2	Y	Y1	N	Y1	?	Y2	N	Y	Y	Y	?
2 (TDD or FDD) (81000 MHz - 86000 MHz): a (FDD or TDD) 250 MHz	Y	Y	L	?	Y	N	N	?	?	Y2	Y	N	Y	NP	N	N	Y2	?	Y	Y4	Y	N	?	Y	Y1	N	Y2	Y1	Y	?	Y	Y1	Y	N	Y2	Y	Y1	N	Y1	?	Y2	N	Y	Y	Y	?
3 (FDD) (71000 MHz - 76000 MHz and 81000 MHz - 86000 MHz): a (FDD) 250 MHz	Y	Y	L	?	Y	L	Y2	?	?	Y2	Y	Y	Y	Y1	Y1	Y1	Y	?	Y	Y4	Y	Y	Y	Y	Y1	Y1	Y2	Y1	Y	?	Y	Y1	Y	Y2	Y2	Y	Y1	Y	Y1	?	Y2	Y1	Y	Y	Y	?
ECC Recommendation (18)01																																														
1 sub-band a (130000 MHz - 134000 MHz): a (FDD and/or TDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	?	N	P	U	?	?	N	?	N	?	N	N	P	?	U	N	?	U	Y1	N	N	?	N	?	U	N	?	?	P	N	Y	?	?
1 sub-band b (141000 MHz - 148500 MHz): a (FDD and/or TDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	?	N	P	U	?	?	N	?	N	?	N	N	P	?	U	N	?	U	Y1	N	N	?	N	?	U	N	?	?	P	N	Y	?	?
1 sub-band c (151500 MHz - 164000 MHz): a (FDD and/or TDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	?	N	P	U	?	?	N	?	N	?	N	N	P	?	U	?	?	U	Y1	N	N	?	N	?	U	N	?	?	P	N	Y	?	?
1 sub-band d (167000 MHz - 174800 MHz): a (FDD and/or TDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	?	N	P	U	?	?	N	?	N	?	N	N	P	?	U	N	?	U	Y1	N	N	?	N	?	U	N	?	?	P	N	Y	?	?
ECC Recommendation (18)02																																														
1 sub-band a (92000 MHz - 94000 MHz): a (TDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	NP	N	P	U	?	?	N	?	N	P	N	N	U	?	U	N	?	U	Y	?	N	?	N	?	U	N	?	?	U	N	?	?	?
1 sub-band b (94100 MHz - 100000 MHz): a (TDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	NP	N	P	U	?	?	N	?	N	P	N	N	U	?	U	N	?	U	Y	?	N	?	N	?	U	N	?	?	U	N	?	?	?
1 sub-band c (102000 MHz - 109500 MHz): a (TDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	NP	N	P	U	?	?	N	?	N	P	N	N	U	?	U	N	?	U	Y	?	N	?	N	?	U	N	?	?	U	N	?	?	?
1 sub-band d (111800 MHz - 114250 MHz): a (TDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	NP	N	P	U	?	?	N	?	N	P	N	N	U	?	U	N	?	U	Y	?	N	?	N	?	U	N	?	?	U	N	?	?	?
2.1 (92125 MHz - 93875 MHz and 104125 MHz - 105875 MHz): a (FDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	NP	N	P	U	?	?	N	?	N	P	N	N	U	?	U	N	?	U	U	?	N	?	N	?	U	N	?	?	U	N	?	?	?

? = no info / see remarks NP = national plan N = not implemented / see remarks P = planned L = limited implementation / see remarks Y = implemented Y1 = link by link assignment Y2 = light licence registration Y3 = block assignment Y4 = licence-exempt R = Refarming **) U = under study N = not implemented / see remarks

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 (94325 MHz - 97825 MHz and 105875 MHz - 109375 MHz): a (FDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	NP	N	P	U	?	?	N	?	N	P	N	N	U	?	U	N	?	U	U	?	N	?	N	?	U	N	?	?	U	N	?	?	?
2.3 (97825 MHz - 99825 MHz and 112025 MHz - 114025 MHz): a (FDD) 250 MHz	N	?	Y	?	?	Y1	?	?	?	U	?	?	N	NP	N	P	U	?	?	N	?	N	P	N	N	U	?	U	N	?	U	U	?	N	?	N	?	U	N	?	?	U	N	?	?	?

? = no info / see remarks NP = national plan N = not implemented / see remarks P = planned L = limited implementation / see remarks Y = implemented Y1 = link by link assignment Y2 = light licence registration Y3 = block assignment Y4 = licence-exempt R = Refarming **) U = under study N = not implemented / see remarks

ANNEX 3: NATIONAL RESTRICTIONS

Frequency Band	Country	Implementation	Reason/remarks
Recommendation T/R 13-01			
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): a (FDD) 3.5 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	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 implemented / see remarks	Not implemented
	Spain	not implemented / see remarks	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 / see remarks	Military use
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): b (FDD) 2 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.
	Latvia	not implemented / see remarks	Not implemented
	Spain	not implemented / see remarks	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 / see remarks	Military use
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): c (FDD) 1 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.ull
	Ireland	limited implementation / see remarks	Implementation is limited to the following sub-band: 1370-1375 MHz paired with 1512 -1517 MHz.
	Latvia	not implemented / see remarks	Not implemented
	Spain	not implemented / see remarks	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 / see remarks	Military use

Frequency Band	Country	Implementation	Reason/remarks
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): d (FDD) 0.5 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.ull
	Ireland	limited implementation / see remarks	Implementation is limited to the following sub-band: 1370-1375 MHz paired with 1512 -1517 MHz.
	Latvia	not implemented / see remarks	Not implemented
	Spain	not implemented / see remarks	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 / see remarks	Military use
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): e (FDD) 0.25 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.null
	Ireland	limited implementation / see remarks	Implementation is limited to the following sub-band: 1370-1375 MHz paired with 1512 -1517 MHz.
	Latvia	not implemented / see remarks	Not implemented
	Spain	not implemented / see remarks	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, ... Please note that this band is no longer available for new fixed wireless links or technical variations.
	Croatia	no info / see remarks	Military use
A (1350 MHz - 1375 MHz and 1492 MHz - 1517 MHz): f (FDD) 0.025 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.ll
	Latvia	not implemented / see remarks	Not implemented
	Spain	not implemented / see remarks	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, ... 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 / see remarks	Military use
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): a (FDD) 3.5 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.
	Latvia	not implemented / see remarks	Not implemented
	Croatia	no info / see remarks	Military use
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): b (FDD) 2 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.
	Latvia	not implemented / see remarks	Not implemented
	Croatia	no info / see remarks	Military use
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): c (FDD) 1 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.
	Ireland	limited implementation / see remarks	Implementation is limited to the following sub-band: 1375 -1385 MHz paired with 1427 -1437 MHz.
	Latvia	not implemented / see remarks	Not implemented
	Croatia	no info / see remarks	Military use
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): d (FDD) 0.5 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.
	Ireland	limited implementation / see remarks	Implementation is limited to the following sub-band: 1375 -1385 MHz paired with 1427 -1437 MHz.
	Latvia	not implemented / see remarks	Not implemented
	Croatia	no info / see remarks	Military use
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): e (FDD) 0.25 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.
	Ireland	limited implementation / see remarks	Implementation is limited to the following sub-band: 1375 -1385 MHz paired with 1427 -1437 MHz.
	Latvia	not implemented / see remarks	Not implemented

Frequency Band	Country	Implementation	Reason/remarks
	Croatia	no info / see remarks	Military use
B (1375 MHz - 1400 MHz and 1427 MHz - 1452 MHz): f (FDD) 0.025 MHz	Austria	not implemented / see remarks	FS applications phasing out
	Estonia	not implemented / see remarks	The frequency bands 1350-1400 MHz and 1427-1432 MHz are allocated for military service.
	Latvia	not implemented / see remarks	Not implemented
	Croatia	no info / see remarks	Military use
C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz): a (FDD) 14 MHz	Estonia	limited implementation / see remarks	Limited to 2075.25-2110 MHz and 2250.25-2290 MHz
	Finland	not implemented / see remarks	2025-2070/2200-2245 MHz Military use and 2070-2110/2245-2290 MHz Wireless camera, for events only.
	Latvia	implemented	Implemented in frequency bands 2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz (Configuration PP)
	Luxembourg	not implemented / see remarks	Military use only
C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz): b (FDD) 7 MHz	Estonia	limited implementation / see remarks	Limited to 2075.25-2110 MHz and 2250.25-2290 MHz
	Finland	not implemented / see remarks	2025-2070/2200-2245 MHz Military use and 2070-2110/2245-2290 MHz Wireless camera, for events only.
	Latvia	implemented	Implemented in frequency bands 2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz (Configuration PP)
	Luxembourg	not implemented / see remarks	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): c (FDD) 3.5 MHz	Estonia	limited implementation / see remarks	Limited to 2075.25-2110 MHz and 2250.25-2290 MHz
	Finland	not implemented / see remarks	2025-2070/2200-2245 MHz Military use and 2070-2110/2245-2290 MHz Wireless camera, for events only.
	Latvia	implemented	Implemented in frequency bands 2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz (Configuration PP)
	Luxembourg	not implemented / see remarks	Military use only
C (2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz): d (FDD) 1.75 MHz	Estonia	limited implementation / see remarks	Limited to 2075.25-2110 MHz and 2250.25-2290 MHz
	Finland	not implemented / see remarks	2025-2070/2200-2245 MHz Military use and 2070-2110/2245-2290 MHz Wireless camera, for events only.

Frequency Band	Country	Implementation	Reason/remarks
	Latvia	implemented	Implemented in frequency bands 2025 MHz - 2110 MHz and 2200 MHz - 2290 MHz (Configuration PP)
	Luxembourg	not implemented / see remarks	Military use only
ERC Recommendation 12-08			
A (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz): a (FDD) 30 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	not implemented / see remarks	There are no FDD FS operating in Ireland.
	Latvia	not implemented / see remarks	Not Implemented
	United Kingdom	implemented	CEPT/ERC/REC 12-08 E Annex A Part 2
A (3600 MHz - 3900 MHz and 3900 MHz - 4200 MHz): b (FDD) 15 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	not implemented / see remarks	There are no FDD FS operating in Ireland.
	Latvia	not implemented / see remarks	Not Implemented
	United Kingdom	implemented	CEPT/ERC/REC 12-08 E Annex A Part 2
ECC Recommendation (06)04			
1 (5725 MHz - 5875 MHz): a (FDD and/or TDD) 150 MHz	Bosnia and Herzegovina	licence-exempt	Annex 1 of Recommendation ECC/REC/(06)04
	Germany	limited implementation / see remarks	only in 5755-5875 MHz
	Greece	limited implementation / see remarks	only in 5725-5795 MHz
	Iceland	implemented	All except 5795-5815 MHz
	Ireland	light licence registration	Maximum permitted radiated power: 100mW/MHz eirp (to a maximum of 2W eirp).
	Latvia	not implemented / see remarks	Not Implemented
	Liechtenstein	licence-exempt	Channel spacing 10 MHz or 20 MHz
	Lithuania	light licence registration	5725-5850 MHz only
	Sweden	not implemented / see remarks	The frequency band 5725-5875 MHz is currently not available for BFWA in Sweden
	Switzerland	licence-exempt	Channel spacing 10 MHz or 20 MHz
	United Kingdom	light licence registration	5725-5850 MHz only
ERC Recommendation 14-01			

Frequency Band	Country	Implementation	Reason/remarks
1 and 2 (FDD) (5925 MHz - 6175 MHz and 6175 MHz - 6425 MHz): a (FDD) 59.3 MHz	Bosnia and Herzegovina	link by link assignment	multiple (n*) 29,65MHz allowed
	Latvia	limited implementation / see remarks	Implemented in Frequency Band 5985–6425 MHz Configuration PP.
1 and 2 (FDD) (5925 MHz - 6175 MHz and 6175 MHz - 6425 MHz): b (FDD) 29.65 MHz	Latvia	limited implementation / see remarks	Implemented in Frequency Band 5985–6425 MHz Configuration PP.
ECC Recommendation (14)06			
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): a (FDD) 3.5 MHz	Latvia	not implemented / see remarks	Not Implemented
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): b (FDD) 1.75 MHz	Latvia	not implemented / see remarks	Not Implemented
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): c (FDD) 0.5 MHz	Latvia	not implemented / see remarks	Not Implemented
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): d (FDD) 0.25 MHz	Latvia	not implemented / see remarks	Not Implemented
1 (FDD) (6167.575 MHz - 6302.4 MHz and 6302.4 MHz - 6440 MHz): e (FDD) 0.025 MHz	Latvia	not implemented / see remarks	Not Implemented
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): a (FDD) 3.5 MHz	Latvia	not implemented / see remarks	Not Implemented
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): b (FDD) 1.75 MHz	Latvia	not implemented / see remarks	Not Implemented
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): c (FDD) 0.5 MHz	Latvia	not implemented / see remarks	Not Implemented
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): d (FDD) 0.25 MHz	Latvia	not implemented / see remarks	Not Implemented

Frequency Band	Country	Implementation	Reason/remarks
2.1 (FDD) (6760 MHz - 6941.25 MHz and 6941.25 MHz - 7125 MHz): e (FDD) 0.025 MHz	Latvia	not implemented / see remarks	Not Implemented
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): a (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): b (FDD) 1.75 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): c (FDD) 0.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): d (FDD) 0.25 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
2.2 (FDD) (6775 MHz - 6950 MHz and 6950 MHz - 7125 MHz): e (FDD) 0.025 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
ERC Recommendation 14-02			
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): a (FDD) 40 MHz	Latvia	implemented	Configuration PP.
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): b (FDD) 30 MHz	Greece	link by link assignment	Only for uni-directional links for ENG/OB
	Latvia	not implemented / see remarks	Not Implemented
	United Kingdom	implemented	in the UK, 30MHz and 60MHz channels are also implemented in accordance with ITU-R rec. F.384-10
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): c (FDD) 20 MHz	Latvia	implemented	Configuration PP.
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): d (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): e (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented

Frequency Band	Country	Implementation	Reason/remarks
Annex 1 (6425 MHz - 6770 MHz and 6770 MHz - 7125 MHz): f (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
ECC Recommendation (02)06			
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): a (FDD) 28 MHz	Latvia	limited implementation / see remarks	Limited Implementation i
	Slovakia	national plan	7142-7254 MHz paired with 7296-7408 MHz
	Croatia	not implemented / see remarks	Military use within the band 7250–7375 MHz
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): b (FDD) 14 MHz	Czech Republic	link by link assignment	channels subject to coordination with NC use.
	Greece	not implemented / see remarks	7125-7425 MHz based on ITU-R F.385-10. Only for unidirectional links for ENG/OB
	Latvia	limited implementation / see remarks	Limited Implementation i
	Switzerland	link by link assignment	Beyond 2026 no civil use. No new assignments.
	Croatia	not implemented / see remarks	Military use within the band 7250–7375 MHz
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): c (FDD) 7 MHz	Greece	not implemented / see remarks	7125-7425 MHz
	Ireland	link by link assignment	New licences offering 7 MHz channel spacing are no longer granted.
	Latvia	limited implementation / see remarks	Limited Implementation i
	Switzerland	link by link assignment	Beyond 2026 no civil use. No new assignments.
	Croatia	not implemented / see remarks	Military use within the band 7250–7375 MHz
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): d (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
	Croatia	not implemented / see remarks	Military use within the band 7250–7375 MHz
Annex 1.1 (7125 MHz - 7275 MHz and 7275 MHz - 7425 MHz): e (FDD) 1.75 MHz	Austria	not implemented / see remarks	not implemented
	Czech Republic	link by link assignment	channels subject to coordination with NC use.
	Latvia	not implemented / see remarks	Not Implemented
	Croatia	not implemented / see remarks	Military use within the band 7250–7375 MHz

Frequency Band	Country	Implementation	Reason/remarks
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): a (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	limited implementation / see remarks	Limited Implementation
	Switzerland	link by link assignment	Beyond 2026 no civil use. No new assignments.
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): b (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	limited implementation / see remarks	Limited Implementation
	Switzerland	link by link assignment	Beyond 2026 no civil use. No new assignments.
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): c (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	limited implementation / see remarks	Limited Implementation i
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): d (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
Annex 1.1 (7425 MHz - 7575 MHz and 7575 MHz - 7725 MHz): e (FDD) 1.75 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz): a (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Estonia	not implemented / see remarks	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 implemented / see remarks	Not Implemented
	Sweden	not implemented / see remarks	Please see general comment above.
	Switzerland	not implemented / see remarks	Military use
Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz): b (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Greece	link by link assignment	Channel arrangement permitting frequency reuse is preferred (option (2))
	Latvia	not implemented / see remarks	Not Implemented
Annex 1.2 (7725 MHz - 8000 MHz and 8000 MHz - 8275 MHz): c (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented

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): a (FDD) 29.65 MHz	Austria	not implemented / see remarks	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 implemented / see remarks	Not Implemented
	Switzerland	not implemented / see remarks	Military use
	Croatia	link by link assignment	Military use within the band 7900-8025 MHz. Channel arrangement of 59.3 MHz also available.
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): b (FDD) 29.65 MHz	Austria	not implemented / see remarks	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 implemented / see remarks	Not Implemented
	Croatia	link by link assignment	Military use within the band 7900-8025 MHz.
Annex 1.3 H(V) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz): a (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	no info / see remarks	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 implemented / see remarks	Not Implemented
	Switzerland	not implemented / see remarks	Military use
Annex 1.3 H(V) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz): b (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	no info / see remarks	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 implemented / see remarks	Not Implemented
Annex 1.3 V(H) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz): a (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	no info / see remarks	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 implemented / see remarks	Not Implemented

Frequency Band	Country	Implementation	Reason/remarks
Annex 1.3 V(H) Interleaved Pattern (8275 MHz - 8387.5 MHz and 8387.5 MHz - 8500 MHz): b (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	no info / see remarks	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 implemented / see remarks	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): a (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	no info / see remarks	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 implemented / see remarks	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): b (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	no info / see remarks	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 implemented / see remarks	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): a (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	no info / see remarks	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 implemented / see remarks	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): b (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Ireland	no info / see remarks	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 implemented / see remarks	Not Implemented
Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz): a (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Hungary	national plan	7725-7900 MHz sub-band is designated for uni-directional broadcast related feeder links.
	Latvia	limited implementation / see remarks	Limited Implementation
	Switzerland	not implemented / see remarks	Military use
	United Kingdom	national plan	ITU-R Rec. F.385-9 Annex 4 applies

Frequency Band	Country	Implementation	Reason/remarks
Annex 2.2 (7425 MHz - 7662.5 MHz and 7662.5 MHz - 7900 MHz): b (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Hungary	national plan	7725-7900 MHz sub-band is designated for uni-directional broadcast related feeder links.
	Latvia	limited implementation / see remarks	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): c (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Hungary	national plan	7725-7900 MHz sub-band is designated for uni-directional broadcast related feeder links. 3.5 MHz and 1.75 MHz channel spacings are also allowed to be used (with sub-division of 7 MHz channels).
	Latvia	limited implementation / see remarks	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): 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 implemented / see remarks	Not Implemented
	Switzerland	not implemented / see remarks	Military use
	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): b (FDD) 14 MHz	Latvia	not implemented / see remarks	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): c (FDD) 7 MHz	Latvia	not implemented / see remarks	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): d (FDD) 3.5 MHz	Latvia	not implemented / see remarks	Not Implemented
Annex 2.3 (7900 MHz - 8200 MHz and 8200 MHz - 8500 MHz): e (FDD) 1.75 MHz	Latvia	not implemented / see remarks	Not Implemented
ERC Recommendation 12-05			

Frequency Band	Country	Implementation	Reason/remarks
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): a (FDD) 56 MHz	Estonia	link by link assignment	Block assignment also possible
	Latvia	not implemented / see remarks	Not Implemented
	Slovakia	national plan	P-MP and P-P
	United Kingdom	block assignment	10.125-10.225 GHz paired with 10.475-10.575 GHz have been awarded in the UK.
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): b (FDD) 56 MHz	Estonia	link by link assignment	Block assignment also possible
	Latvia	not implemented / see remarks	Not Implemented
	Slovakia	national plan	P-MP and P-P
	United Kingdom	block assignment	10.125-10.225 GHz paired with 10.475-10.575 GHz have been awarded in the UK.
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): c (FDD) 28 MHz	Estonia	link by link assignment	Block assignment also possible
	Hungary	national plan	Whole 10-10,68 GHz band is designated for uni-directional broadcast related FS links.
	Ireland	limited implementation / see remarks	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
	United Kingdom	block assignment	10.125-10.225 GHz paired with 10.475-10.575 GHz have been awarded in the UK.
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): d (FDD) 14 MHz	Estonia	link by link assignment	Block assignment also possible
	Hungary	national plan	Whole 10-10,68 GHz band is designated for uni-directional broadcast related FS links.
	Ireland	limited implementation / see remarks	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
	United Kingdom	block assignment	10.125-10.225 GHz paired with 10.475-10.575 GHz have been awarded in the UK.

Frequency Band	Country	Implementation	Reason/remarks
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): e (FDD) 7 MHz	Estonia	link by link assignment	Block assignment also possible
	Hungary	national plan	Whole 10-10,68 GHz band is designated for uni-directional broadcast related FS links.
	Ireland	limited implementation / see remarks	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
	United Kingdom	block assignment	10.125-10.225 GHz paired with 10.475-10.575 GHz have been awarded in the UK.
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): f (FDD) 3.5 MHz	Estonia	link by link assignment	Block assignment also possible
	Hungary	national plan	Whole 10-10,68 GHz band is designated for uni-directional broadcast related FS links.
	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
	United Kingdom	block assignment	10.125-10.225 GHz paired with 10.475-10.575 GHz have been awarded in the UK.
A (FDD) (10150 MHz - 10300 MHz and 10500 MHz - 10650 MHz): g (FDD) 0.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Configuration MP
	United Kingdom	block assignment	10.125-10.225 GHz paired with 10.475-10.575 GHz have been awarded in the UK.
ERC Recommendation 12-06			
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): a (FDD) 112 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented.
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): b (FDD) 80 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented.

Frequency Band	Country	Implementation	Reason/remarks
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): c (FDD) 80 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented.
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): d (FDD) 56 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented.
1 (FDD - 530 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): e (FDD) 40 MHz	Austria	not implemented / see remarks	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 implemented / see remarks	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): f (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented.
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): a (FDD) 112 MHz	Latvia	not implemented / see remarks	Configuration PP.
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): b (FDD) 80 MHz	Latvia	not implemented / see remarks	Not Implemented.
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): c (FDD) 56 MHz	Latvia	implemented	Configuration PP.
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): d (FDD) 56 MHz	Latvia	implemented	Configuration PP.

Frequency Band	Country	Implementation	Reason/remarks
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): e (FDD) 40 MHz	Latvia	not implemented / see remarks	Not Implemented.
2 (FDD - 490 MHz Duplex) (10700 MHz - 11200 MHz and 11200 MHz - 11700 MHz): f (FDD) 28 MHz	Latvia	implemented	Configuration PP.
ERC Recommendation 12-02			
A and B (FDD) (12750 MHz - 13000 MHz and 13000 MHz - 13250 MHz): a (FDD) 56 MHz	Latvia	limited implementation / see remarks	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): b (FDD) 28 MHz	Latvia	limited implementation / see remarks	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): c (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Hungary	limited implementation / see remarks	In 12.807#12.835, 13.073#13.101, 12.863#12.891, 13.129#13.157 GHz ranges exclusively 28 MHz channels are allowed to be used.
	Latvia	limited implementation / see remarks	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): d (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Hungary	limited implementation / see remarks	In 12.807#12.835, 13.073#13.101, 12.863#12.891, 13.129#13.157 GHz ranges exclusively 28 MHz channels are allowed to be used.
	Latvia	limited implementation / see remarks	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): e (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Hungary	limited implementation / see remarks	In 12.807#12.835, 13.073#13.101, 12.863#12.891, 13.129#13.157 GHz ranges exclusively 28 MHz channels are allowed to be used.
	Latvia	limited implementation / see remarks	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): f (FDD) 1.75 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	limited implementation / see remarks	Limited Implementation in Frequency Band 12,751–12,975/13,017–13,241 GHz.
ERC Recommendation 12-07			

Frequency Band	Country	Implementation	Reason/remarks
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): a (FDD) 56 MHz	Latvia	not implemented / see remarks	Not Implemented
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): b (FDD) 28 MHz	Latvia	implemented	Configuration PP.
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): c (FDD) 14 MHz	Latvia	implemented	Configuration PP.
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): d (FDD) 7 MHz	Latvia	implemented	Configuration PP.
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): e (FDD) 3.5 MHz	Latvia	implemented	Configuration PP.
Annex A FDD (14500 MHz - 14620 MHz and 15230 MHz - 15350 MHz): f (FDD) 1.75 MHz	Estonia	no info / see remarks	Not in use
	Latvia	implemented	Configuration PP.
ERC Recommendation 12-03			
1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz): 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): 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): 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.

Frequency Band	Country	Implementation	Reason/remarks
1 (17700 MHz - 18700 MHz and 18700 MHz - 19700 MHz): d (FDD) 13.75 MHz	Ireland	not implemented / see remarks	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. 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
	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. 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): a (FDD) 220 MHz	Czech Republic	link by link assignment	Merging two adjacent channels
	Latvia	implemented	Configuration PP
	Slovakia	implemented	P-P
Recommendation T/R 13-02			
1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): 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): b (FDD) 56 MHz	France	not implemented / see remarks	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): c (FDD) 56 MHz	France	link by link assignment	Plan of 10 channels
	Greece	not implemented / see remarks	Option b2
	Hungary	limited implementation / see remarks	Only the 8th channel can be used with this channel bandwidth for civil, 10th channel for non-civil
	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): d (FDD) 28 MHz	Hungary	link by link assignment	22.008-22.456 / 23.016-23.464 GHz range designated for civil use, the range above for non-civil
	Latvia	implemented	Configuration PP
	Liechtenstein	link by link assignment	only in particularly justified cases
	Spain	link by link assignment	UN-91
1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): e (FDD) 14 MHz	Hungary	link by link assignment	22.008-22.456 / 23.016-23.464 GHz range designated for civil use, the range above for non-civil
	Latvia	implemented	Configuration PP
	Spain	link by link assignment	UN-91
1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): f (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Hungary	link by link assignment	22.008-22.456 / 23.016-23.464 GHz range designated for civil use, the range above for non-civil
	Latvia	implemented	Configuration PP
	Spain	link by link assignment	UN-91
1 A1.1 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): g (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Hungary	link by link assignment	22.008-22.456 / 23.016-23.464 GHz range designated for civil use, the range above for non-civil
	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): 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 implemented / see remarks	Not Implemented
1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz): b (FDD) 14 MHz	Latvia	not implemented / see remarks	Not Implemented
1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz): c (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented

Frequency Band	Country	Implementation	Reason/remarks
1 A1.2 (FDD) (22590.75 MHz - 22758.75 MHz and 22842.75 MHz - 23010.75 MHz): d (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz): d (TDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz): c (TDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz): b (TDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
1 A1.3 (TDD centre gap) (22758.75 MHz - 22842.75 MHz): a (TDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	not implemented / see remarks	Not Implemented
2 (FDD) (24500 MHz - 25500 MHz and 25500 MHz - 26500 MHz): a (FDD) 112 MHz	Austria	implemented	will be outphased by 2032
	Estonia	not implemented / see remarks	e
	Greece	block assignment	National licences of paired frequency blocks
	Latvia	not implemented / see remarks	Not Implemented
	Spain	not implemented / see remarks	TRA-ECS 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): b (FDD) 56 MHz	Austria	implemented	will be outphased by 2032
	Finland	not implemented / see remarks	Terminals exempt from licensing
	Greece	block assignment	National licences of paired frequency blocks
	Latvia	not implemented / see remarks	Not Implemented
	Slovakia	national plan	25080-25445 MHz paired with 26080-26453, P-P
	Spain	not implemented / see remarks	TRA-ECS 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): c (FDD) 28 MHz	Austria	implemented	will be outphased by 2032
	Greece	block assignment	National licences of paired frequency blocks
	Ireland	limited implementation / see remarks	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. 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 implemented / see remarks	Not Implemented
	Slovakia	national plan	24549-25053 MHz paired with 25557-26453, P-MP; 25080-25445 MHz paired with 26080-26453, P-P
	Spain	not implemented / see remarks	TRA-ECS 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): d (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Greece	block assignment	National licences of paired frequency blocks
	Ireland	limited implementation / see remarks	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 implemented / see remarks	Not Implemented
	Slovakia	national plan	25080-25445 MHz paired with 26080-26453, P-P
	Spain	not implemented / see remarks	TRA-ECS 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): e (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Greece	block assignment	National licences of paired frequency blocks
	Ireland	limited implementation / see remarks	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.

Frequency Band	Country	Implementation	Reason/remarks
	Latvia	not implemented / see remarks	Not Implemented
	Slovakia	national plan	25080-25445 MHz paired with 26080-26453, P-P
	Spain	not implemented / see remarks	TRA-ECS 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): f (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Greece	block assignment	National licences of paired frequency blocks
	Ireland	limited implementation / see remarks	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 implemented / see remarks	Not Implemented
	Slovakia	national plan	25080-25445 MHz paired with 26080-26453, P-P
	Spain	not implemented / see remarks	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): a (FDD) 112 MHz	Greece	not implemented / see remarks	Only for parts of the band as per ECC/DEC/(05)01
	Ireland	limited implementation / see remarks	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 implemented / see remarks	Not Implemented
	Spain	link by link assignment	UN-79
	United Kingdom	block assignment	The 27.8285-28.4445 GHz paired with 28.8365-29.4525 GHz has been awarded in the UK.
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): b (FDD) 56 MHz	Greece	not implemented / see remarks	Only for parts of the band as per ECC/DEC/(05)01
	Ireland	limited implementation / see remarks	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 implemented / see remarks	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.

Frequency Band	Country	Implementation	Reason/remarks
	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.
	United Kingdom	block assignment	The 27.8285-28.4445 GHz paired with 28.8365-29.4525 GHz has been awarded in the UK.
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): 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 / see remarks	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 implemented / see remarks	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.
	United Kingdom	block assignment	The 27.8285-28.4445 GHz paired with 28.8365-29.4525 GHz has been awarded in the UK.
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): d (FDD) 14 MHz	Greece	not implemented / see remarks	Only for parts of the band as per ECC/DEC/(05)01
	Ireland	limited implementation / see remarks	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 implemented / see remarks	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
	United Kingdom	block assignment	The 27.8285-28.4445 GHz paired with 28.8365-29.4525 GHz has been awarded in the UK.
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): e (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Greece	not implemented / see remarks	Only for parts of the band as per ECC/DEC/(05)01
	Ireland	limited implementation / see remarks	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 implemented / see remarks	Not Implemented

Frequency Band	Country	Implementation	Reason/remarks
	Slovakia	national plan	27940.5-28444.5 MHz paired with 28948.5-29452.5, P-P
	Spain	link by link assignment	UN-79
	United Kingdom	block assignment	The 27.8285-28.4445 GHz paired with 28.8365-29.4525 GHz has been awarded in the UK.
3 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): f (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Greece	not implemented / see remarks	Only for parts of the band as per ECC/DEC/(05)01
	Ireland	limited implementation / see remarks	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 implemented / see remarks	Not Implemented
	Slovakia	national plan	27940.5-28444.5 MHz paired with 28948.5-29452.5, P-P
	Spain	not implemented / see remarks	UN-79
	United Kingdom	block assignment	The 27.8285-28.4445 GHz paired with 28.8365-29.4525 GHz has been awarded in the UK.
4 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): a (FDD) 224 MHz	Latvia	not implemented / see remarks	Not Implemented
4 (FDD) (22000 MHz - 22600 MHz and 23000 MHz - 23600 MHz): b (FDD) 224 MHz	Latvia	not implemented / see remarks	Not Implemented
5 (FDD) (27500 MHz - 28500 MHz and 28500 MHz - 29500 MHz): 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 implemented / see remarks	Not Implemented
	United Kingdom	block assignment	The 27.8285-28.4445 GHz paired with 28.8365-29.4525 GHz has been awarded in the UK.
ECC Recommendation (02)02			
A (31000 MHz - 31300 MHz): 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): 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): 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): 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.

Frequency Band	Country	Implementation	Reason/remarks
ERC Recommendation (01)02			
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): a (FDD) 112 MHz	Bosnia and Herzegovina	link by link assignment	Joining adjacent 56 MHz channels
	Latvia	limited implementation / see remarks	Limited Implementation
	United Kingdom	block assignment	The 31.815-33.383 GHz band has been awarded in the UK.
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): b (FDD) 56 MHz	Latvia	limited implementation / see remarks	Limited Implementation
	United Kingdom	block assignment	The 31.815-33.383 GHz band has been awarded in the UK.
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): c (FDD) 28 MHz	Latvia	limited implementation / see remarks	Limited Implementation
	United Kingdom	block assignment	The 31.815-33.383 GHz band has been awarded in the UK.
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): d (FDD) 14 MHz	Latvia	limited implementation / see remarks	Limited Implementation
	Liechtenstein	link by link assignment	Ref to RIR0302-31 Pt 5.
	Switzerland	link by link assignment	Ref to RIR0302-31 Pt 5.
	United Kingdom	block assignment	The 31.815-33.383 GHz band has been awarded in the UK.
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): e (FDD) 7 MHz	Latvia	limited implementation / see remarks	Limited Implementation
	United Kingdom	block assignment	The 31.815-33.383 GHz band has been awarded in the UK.
Annex 1 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): f (FDD) 3.5 MHz	Latvia	limited implementation / see remarks	Limited Implementation
	United Kingdom	block assignment	The 31.815-33.383 GHz band has been awarded in the UK.
Annex 2 FDD (31800 MHz - 32600 MHz and 32600 MHz - 33400 MHz): a (FDD) 224 MHz	Latvia	not implemented / see remarks	Limited Implementation
	United Kingdom	block assignment	The 31.815-33.383 GHz band has been awarded in the UK.
Recommendation T/R 12-01			
Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): a (FDD) 112 MHz	Bosnia and Herzegovina	link by link assignment	37.0-37.618 and 38.248-38.878 GHz
	Hungary	link by link assignment	37.016-37.926 / 38.276-39.186 MHz range is designated for civil PP use, the range above for non-civil.
	Latvia	implemented	Configuration PP
Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): b (FDD) 56 MHz	Bosnia and Herzegovina	link by link assignment	37.0-37.618 and 38.248-38.878 GHz
	Hungary	link by link assignment	37.016-37.926 / 38.276-39.186 MHz range is designated for civil PP use, the range above for non-civil.

Frequency Band	Country	Implementation	Reason/remarks
	Latvia	implemented	Configuration PP
Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): c (FDD) 28 MHz	Bosnia and Herzegovina	link by link assignment	37.0-37.618 and 38.248-38.878 GHz
	Hungary	link by link assignment	37.016-37.926 / 38.276-39.186 MHz range is designated for civil PP use, the range above for non-civil.
	Latvia	implemented	Configuration PP
	Liechtenstein	link by link assignment	only in particularly justified cases
	Switzerland	link by link assignment	only in particularly justified cases
Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): d (FDD) 14 MHz	Bosnia and Herzegovina	link by link assignment	37.0-37.618 and 38.248-38.878 GHz
	Hungary	link by link assignment	37.016-37.926 / 38.276-39.186 MHz range is designated for civil PP use, the range above for non-civil.
	Latvia	implemented	Configuration PP
Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): e (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Bosnia and Herzegovina	link by link assignment	37.0-37.618 and 38.248-38.878 GHz
	Hungary	link by link assignment	37.016-37.926 / 38.276-39.186 MHz range is designated for civil PP use, the range above for non-civil.
	Latvia	implemented	Configuration PP
Annex 1 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): f (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Bosnia and Herzegovina	link by link assignment	37.0-37.618 and 38.248-38.878 GHz
	Hungary	link by link assignment	37.016-37.926 / 38.276-39.186 MHz range is designated for civil PP use, the range above for non-civil.
	Latvia	implemented	Configuration PP
Annex 2 FDD (37000 MHz - 38250 MHz and 38250 MHz - 39500 MHz): 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
ECC Recommendation (01)04			
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): a (FDD) 224 MHz	United Kingdom	block assignment	The 40.5-43.5 GHz band has been awarded in the UK.

Frequency Band	Country	Implementation	Reason/remarks
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): b (FDD) 112 MHz	Ireland	link by link assignment	for fixed point-to-point links only
	United Kingdom	block assignment	The 40.5-43.5 GHz band has been awarded in the UK.
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): c (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
	United Kingdom	block assignment	The 40.5-43.5 GHz band has been awarded in the UK.
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): d (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: HDFS, P-P links only.
	Switzerland	link by link assignment	41-42 GHz paired with 42.5 – 43.5 GHz: HDFS, P-P links only.
	United Kingdom	block assignment	The 40.5-43.5 GHz band has been awarded in the UK.
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): e (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
	United Kingdom	block assignment	The 40.5-43.5 GHz band has been awarded in the UK.
1 (FDD) (40500 MHz - 42000 MHz and 42000 MHz - 43500 MHz): f (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
	United Kingdom	block assignment	The 40.5-43.5 GHz band has been awarded in the UK.
ERC Recommendation 12-11			
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): a (FDD) 112 MHz	Austria	not implemented / see remarks	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): b (FDD) 56 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): c (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented

Frequency Band	Country	Implementation	Reason/remarks
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): d (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): e (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
1 (51400 MHz - 52000 MHz and 52000 MHz - 52600 MHz): f (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): a (FDD) 112 MHz	Austria	not implemented / see remarks	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): b (FDD) 56 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): c (FDD) 28 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): d (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): e (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
2 (48500 MHz - 49350 MHz and 49350 MHz - 50200 MHz): f (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): a (FDD) 224 MHz	Latvia	implemented	Implemented
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): b (FDD) 112 MHz	Latvia	implemented	Implemented

Frequency Band	Country	Implementation	Reason/remarks
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): c (FDD) 56 MHz	Latvia	implemented	Implemented
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): d (FDD) 28 MHz	Latvia	implemented	Implemented
3 (48500 MHz - 50200 MHz and 50900 MHz - 52600 MHz): e (FDD) 14 MHz	Latvia	implemented	Implemented
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): a (FDD) 224 MHz	Austria	not implemented / see remarks	not implemented
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): b (FDD) 112 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): c (FDD) 56 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): d (FDD) 28 MHz	Austria	under study	not implemented
	Latvia	implemented	Implemented
4.1 (48500 MHz - 50200 MHz and 51400 MHz - 52600 MHz): e (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz): a (FDD) 14 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz): b (FDD) 7 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
4.2 (48500 MHz - 48768 MHz and 49888 MHz - 50200 MHz): c (FDD) 3.5 MHz	Austria	not implemented / see remarks	not implemented
	Latvia	implemented	Implemented
ERC Recommendation 12-12			
A (TDD) (55780 MHz - 57000 MHz): e (TDD) 3.5 MHz	Latvia	implemented	Configuration PP

Frequency Band	Country	Implementation	Reason/remarks
A (TDD) (55780 MHz - 57000 MHz): d (TDD) 7 MHz	Latvia	implemented	Configuration PP
A (TDD) (55780 MHz - 57000 MHz): c (TDD) 14 MHz	Latvia	implemented	Configuration PP
A (TDD) (55780 MHz - 57000 MHz): b (TDD) 28 MHz	Latvia	implemented	Configuration PP
A (TDD) (55780 MHz - 57000 MHz): a (TDD) 56 MHz	Latvia	implemented	Configuration PP
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): a (FDD) 56 MHz	Latvia	implemented	Configuration PP
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): b (FDD) 28 MHz	Latvia	implemented	Configuration PP
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): c (FDD) 14 MHz	Latvia	implemented	Configuration PP
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): d (FDD) 7 MHz	Latvia	implemented	Configuration PP
b (FDD) (55780 MHz - 56402 MHz and 56402 MHz - 57000 MHz): e (FDD) 3.5 MHz	Latvia	implemented	Configuration PP
ECC Recommendation (05)07			
1 (used for FDD or TDD) (71000 MHz - 76000 MHz): a (FDD or TDD) 250 MHz	Austria	limited implementation / see remarks	72.625-75.625/82.625-85.625 GHz FDD or TDD for channel spacings 62.5/125/250/500/1000 MHz
	Greece	implemented	Channels of 62.5 MHz or 125 MHz may also be used
	Lithuania	light licence 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 licence 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

Frequency Band	Country	Implementation	Reason/remarks
	Serbia	light licence registration	500 MHz and 1000 MHz channel spacing also possible
2 (TDD or FDD) (81000 MHz - 86000 MHz): a (FDD or TDD) 250 MHz	Austria	limited implementation / see remarks	72.625-75.625/82.625-85.625 GHz FDD or TDD for channel spacings 62.5/125/250/500/1000 MHz
	Greece	implemented	Channels of 62.5 MHz or 125 MHz may also be used
	Lithuania	light licence 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 licence 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 licence registration	500 MHz and 1000 MHz channel spacing also possible
3 (FDD) (71000 MHz - 76000 MHz and 81000 MHz - 86000 MHz): a (FDD) 250 MHz	Austria	limited implementation / see remarks	72.125-72,625/ 82.125-82,625 GHz and 75.625-75,875/ 82.125-82,625 GHz; FDD only, for channel spacings 62.5/125/250/500 MHz
	Bosnia and Herzegovina	limited implementation / see remarks	Limited implementation in 74.0-76.0 and 84.0-86.0 GHz
	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
	Italy	implemented	Subdivision in 125 MHz and 62.5 MHz possible
	Liechtenstein	link by link assignment	Channeling 250 MHz and 500 MHz.
	Lithuania	light licence 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 74-76 Fixed Service 81-84 Government use 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 licence registration	62.5 MHz, 125 MHz, 500 MHz, and 1000 MHz also possible