REPUBLIC OF CYPRUS

DEPUTY MINISTRY OF RESEARCH, INNOVATION AND DIGITAL POLICY

DEPARTMENT OF ELECTRONIC COMMUNICATIONS

RADIO FREQUENCY PLAN
OF THE REPUBLIC OF CYPRUS

Effective Date: 24 February 2023

Version: E3.2

Disclaimer: This is an unofficial Greek to English translation. Should differences appear between the Greek version and the English version, following translation, the Greek version is considered to be the only original and will prevail. The official version of the Radiofrequency Plan is in Greek and it is available at our webpage https://dec.dmrid.gov.cy/

INTRODUCTION

The Radiofrequency Plan of the Republic is drawn up and maintained by the Director of the Department of Electronic Communications in accordance to article 5 of the Radiocommunications Laws of 2002, as amended or replaced from time to time.

Part 1.1 of the Radiofrequency Plan of the Republic includes the national allocation and usage of the radiofrequency spectrum from 0 kHz up to 1000 GHz.

Part 1.2 of the Radiofrequency Plan of the Republic includes the national usage of the radiofrequency spectrum from 9 kHz up to 1000 GHz from equipment using ultra-wideband technology (UWB).

Part 1.3 the Radiofrequency Plan of the Republic includes the national usage of the radiofrequency spectrum from 9 kHz up to 1000 GHz from Short Range Devices (SRDs) that are not included in Part 1.1 of the Radiofrequency Plan of the Republic.

Part 2 of the Radiofrequency Plan of the Republic includes the footnotes with code ECA, as defined in ERC Report 25 (The European table of frequency allocations and applications in the frequency range 8.3 kHz to 3000 GHz (ECA TABLE)) and used in the Radiofrequency Plan of the Republic.

Part 3 of the Radiofrequency Plan of the Republic includes the footnotes with code RR for the Allocations in Region 1, as defined in Article 5 of the Radio Regulations of the International Telecommunications Union (ITU) and used in the Radiofrequency Plan of the Republic.

Part 4 of the Radiofrequency Plan of the Republic includes the list of abbreviations that are used in the Radiofrequency Plan of the Republic.

The procedure and the time of the authorization of use of any radiofrequency band is decided by the by the Director of the Department of Electronic Communications in accordance to the provisions of the Radiocommunications Laws of 2002, as amended or replaced from time to time.

Frequency Band	National Allocation	National Usage	Remarks
0 – 8300 Hz	5.53 5.54	1. Inductive applications	1. Inductive applications: ERC/REC 70-03, within 100 Hz – 9 KHz
8300 Hz – 9 kHz	METEOROLOGICAL AIDS 5.54A	1. Inductive applications 2. Lightning detection systems	1. Inductive applications: ERC/REC 70-03, within 100 Hz – 9 KHz 2. Lightning detection systems
9 – 11.3 kHz	METEREOLOGICAL AIDS 5,54A RADIONAVIGATION	1. Lightning detection systems	1. Lightning detection systems
11.3 – 14 kHz	RADIONAVIGATION	1. ISM	1. ISM
14 - 19.95 kHz	FIXED MARITIME MOBILE 5.57 5.56 ECA36	1. Government Use	1. Government Use
19.95 – 20.05 kHz	STANDARD FREQUENCY AND TIME SIGNAL (20kHz)		
20.05 – 70 kHz	FIXED MARITIME MOBILE 5.57 5.56 ECA36	1. Government Use	1. Government Use
70 - 72 kHz	RADIONAVIGATION 5.60 ECA36	1. Government Use	1. Government Use
72 - 84 kHz	FIXED MARITIME MOBILE 5.57 RADIONAVIGATION 5.60 5.56 ECA36	1. Government Use 2. Standard frequency and time signal	1. Government Use 2. Standard frequency and time signal: 77.5 kHz DCF time signal
84 - 86 kHz	RADIONAVIGATION 5.60 ECA36	1. Government Use	1. Government Use
86 - 90 kHz	FIXED MARITIME MOBILE 5.57 RADIONAVIGATION 5.56 ECA36	1. Government Use	1. Government Use

Frequency Band	National Allocation	National Usage	Remarks
90 - 110 kHz	RADIONAVIGATION 5.62 Fixed 5.64 ECA36	1. Government Use	1. Government Use
110 - 112 kHz	FIXED MARITIME MOBILE RADIONAVIGATION 5.64 ECA36	1. Government Use	1. Government Use
112 - 115 kHz	RADIONAVIGATION 5.60 ECA36	1. Government Use	1. Government Use
115 - 117.6 kHz	RADIONAVIGATION 5.60 Fixed Maritime Mobile 5.64 ECA36	1. Government Use	1. Government Use
117.6 - 126 kHz	FIXED MARITIME MOBILE RADIONAVIGATION 5.60 5.64 ECA36	1. Government Use	1. Government Use
126 – 129 kHz	RADIONAVIGATION 5.60 ECA36	1. Government Use	1. Government Use
129 – 130 kHz	FIXED MARITIME MOBILE RADIONAVIGATION 5.60 5.64 ECA36	1. Government Use	1. Government Use
130 – 135.7 kHz	FIXED MARITIME MOBILE 5.64 ECA36	1. Government Use	1. Government Use

Frequency Band	National Allocation	National Usage	Remarks
135.7 – 137.8 kHz	FIXED 5.64 MARITIME MOBILE Amateur 5.67A 5.67B ECA36	1. Amateur 2. Government Use	1. Amateur: EN 301 783, within the band 135.7-137.8 kHz 2. Government Use
137.8 – 148.5 kHz	FIXED MARITIME MOBILE 5.64 ECA36	1. Government Use	1.Government Use
148.5 - 255 kHz	BROADCASTING	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Frequency Assignment plan GE75. Digital systems to be introduced
255 - 283.5 kHz	AERONAUTICAL RADIONAVIGATION BROADCASTING ECA36	1. Beacons (aeronautical) 2. Broadcasting 3. Government Use	1. Beacons (aeronautical): Frequency Assignment plan GE85 2. Broadcasting: EN 302 017, EN 302 245, Frequency Assignment plan GE75. Digital systems to be introduced 3. Government Use
283.5 - 315 kHz	AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (RADIOBEACON) 5.73 5.74 ECA36	1. Beacons (aeronautical) 2. Beacons (maritime) 3. Government Use	1. Beacons (aeronautical): Frequency Assignment plan GE85 2. Beacons (maritime): Frequency Assignment plan GE85 3. Government Use
315 - 325 kHz	AERONAUTICAL RADIONAVIGATION Maritime Radionavigation (radiobeacons) 5.73 ECA36	1.Beacons (aeronautical) 2. Beacons (maritime) 3. Government Use	1. Beacons (aeronautical): Frequency Assignment plan GE85 2. Beacons (maritime): Frequency Assignment plan GE85. IALA – plan to allow differential GPS 3. Government Use
325 - 405 kHz	AERONAUTICAL RADIONAVIGATION ECA36	1. Beacons (aeronautical) 2. Government Use	1. Beacons (aeronautical): Frequency Assignment plan GE85 2. Government Use
405 - 415 kHz	RADIONAVIGATION 5.76 ECA36	1. Beacons (aeronautical) 2. Beacons (maritime) 3. Government Use	1. Beacons (aeronautical): Frequency Assignment plan GE85 2. Beacons (maritime): Frequency Assignment plan GE85. IALA – plan to allow differential GPS 3. Government Use

Frequency Band	National Allocation	National Usage	Remarks
415 - 435 kHz	MARITIME MOBILE 5.79 Aeronautical Radionavigation ECA36	1. Beacons (aeronautical) 2. Government Use 3. Maritime communications	1. Beacons (aeronautical): Frequency Assignment plan GE85 2. Government Use 3. Maritime communication: EN 300 338. Frequency Assignment plan GE85
435 - 472 kHz	MARITIME MOBILE 5.79 Aeronautical Radionavigation 5.82 ECA36	1. Government Use 2. Maritime communications 3. Emergency detection	1. Government Use 2. Maritime communication: EN 300 338. Frequency Assignment plan GE85 3. Emergency detection: EN 300 330, EN 300 718, 442.2-450 kHz and 456.9-457.1 kHz
472 - 479 kHz	MARITIME MOBILE 5.79 Aeronautical Radionavigation Amateur 5.80A 5.80B 5.82 ECA36	1. Amateur 2. Government Use 3. Maritime communications	1. Amateur: EN 301 783 2. Government Use 3. Maritime communication: EN 300 338. Frequency Assignment plan GE85
479 - 495 kHz	MARITIME MOBILE 5.79 5.79A Aeronautical Radionavigation 5.82 ECA36	1. Government Use 2. Maritime communications 3. NAVTEX	1. Government Use 2. Maritime communication: EN 300 338. Frequency Assignment plan GE85 3. NAVTEX: EN 300 065. Navtex transmission in national language. 490 kHz
495 - 505 kHz	MOBILE ECA36	1. Government Use	1. Government Use
505 - 526.5 kHz	AERONAUTICAL RADIONAVIGATION MARITIME MOBILE 5.79 5.79A 5.84 ECA36	1. Beacons (aeronautical) 2. Government Use 3. Maritime communications 4. NAVTEX	1. Beacons (aeronautical): Frequency Assignment plan GE85 2. Government Use 3. Maritime communication: EN 300 338. Frequency Assignment plan GE85 4. NAVTEX: EN 300 065, 518 kHz (transmission in international language)
526.5 - 1606.5 kHz	BROADCASTING	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245. Assignment plan GE75. Digital systems to be introduced
1606.5 - 1625 kHz	FIXED LAND MOBILE MARITIME MOBILE 5.90 Radiolocation ECA36	1. Government Use 2. Maritime Communications 3. Radiodetermination applications	1. Government Use 2. Maritime Communications: EN 303 402. Frequency Assignment plan GE85 3. Radiodetermination applications

Frequency Band	National Allocation	National Usage	Remarks
1625 - 1635 kHz	RADIOLOCATION 5.93 ECA36	1. Government Use 2.Radiodetermination applications	1. Government Use 2. Radiodetermination applications
1635 - 1800 kHz	FIXED LAND MOBILE MARITIME MOBILE 5.90 5.96 ECA36	1. Government Use 2. Maritime Communications 3.Radiodetermination applications	1. Government Use 2. Maritime Communications: EN 303 402. Frequency Assignment plan GE85 3. Radiodetermination applications
1800 - 1810 kHz	RADIOLOCATION 5.93 ECA36	1. Government Use 2.Radiodetermination applications	1. Government Use 2. Radiodetermination applications
1810 - 1850 kHz	AMATEUR 5.98 5.100	1. Amateur	1. Amateur: EN 301 783. Within the band 1810-2000 kHz
1850 - 2000 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE Amateur 5.96 5.103 ECA36	1. Amateur 2. Government Use 3. Maritime Communications 4.Radiodetermination applications	1. Amateur: EN 301 783. Within the band 1810-2000 kHz 2. Government Use 3. Maritime Communications: EN 303 402 4. Radiodetermination applications
2000 - 2025 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.103 ECA36	1. Government Use 2. Maritime Communications 3.Radiodetermination applications	1. Government Use 2. Maritime Communications: EN 303 402 3. Radiodetermination applications
2025 - 2045 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.103 5.104 ECA36	1. Government Use 2. Maritime Communications 3. Oceanographic buoys 4. Radiodetermination applications	1. Government Use 2. Maritime Communications: EN 303 402 3. Oceanographic buoys: Meteorological 4. Radiodetermination applications

Frequency Band	National Allocation	National Usage	Remarks
2045 - 2160 kHz	FIXED LAND MOBILE MARITIME MOBILE 5.92 ECA36	1. Government Use 2. Maritime Communications	1. Government Use 2. Maritime Communications: EN 303 402, Frequency Assignment plan GE85
2160 - 2170 kHz	RADIOLOCATION 5.93 ECA36	1. Government Use 2.Radiodetermination applications	1. Government Use 2. Radiodetermination applications
2170 - 2173.5 kHz	MARITIME MOBILE ECA36	1. Government Use 2. Maritime communications	1. Government Use 2. Maritime communications: EN 303 402.
2173.5 - 2190.5 kHz	MOBILE (DISTRESS AND CALLING) 5.108 5.109 5.110 5.111 ECA36	1. DSC 2. Maritime communications	1. DSC: EN 302 885, EN 303 402, 2187.5 kHz (DSC for distress and calling) 2. Maritime communications: EN 303 402, 2182 kHz (Radiotelephony distress and calling). 2174.5 kHz (Telex distress traffic)
2190.5 - 2194 kHz	MARITIME MOBILE ECA36	1. Government Use 2. Maritime communications	1. Government Use 2. Maritime communications: EN 303 402
2194 - 2300 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.103 ECA36	1. Government Use 2. Maritime Communications 3. Radiodetermination applications	1. Government Use 2. Maritime Communications: EN 303 402 3. Radiodetermination applications
2300 - 2498 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.103 ECA36	1. Government Use 2. Maritime Communications	1. Government Use 2. Maritime Communications: EN 303 402
2498 - 2501 kHz	STANDARD FREQUENCY AND TIME SIGNAL (2500kHz)		
2501 - 2502 kHz	STANDARD FREQUENCY AND TIME SIGNAL Space Research		

Frequency Band	National Allocation	National Usage	Remarks
2502 - 2625 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.92 5.103 ECA36	1. Government Use 2.Radiodetermination applications	1. Government Use 2. Radiodetermination applications
2625 - 2650 kHz	MARITIME MOBILE MARITIME RADIONAVIGATION 5.92 ECA36	1. Government Use 2. Maritime communications	1. Government Use 2. Maritime communications: EN 303 402
2650 - 2850 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.92 5.103 ECA36	1. Government Use 2.Radiodetermination applications	1. Government Use 2. Radiodetermination applications
2850 - 3025 kHz	AERONAUTICAL MOBILE-SATELLITE (R) 5.111 5.115 ECA36	1. Aeronautical communications 2. Government Use 3. SAR (communications)	1. Aeronautical communications: Appendix 27 Allotment Plan 2. Government Use 3. SAR (communications): EN 303 402, 3023 kHz (Aeronautical/Maritime radiotelephony SAR coordination)
3025 - 3155 kHz	AERONAUTICAL MOBILE (OR) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use
3155 - 3200 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.116 ECA36	1. Government Use 2. Maritime communications	1. Government Use 2. Maritime communications: EN 303 402
3200 - 3230 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.116 ECA36	1. Government Use 2. Maritime communications	1. Government Use 2. Maritime communications: EN 303 402

Frequency Band	National Allocation	National Usage	Remarks
3230 - 3400 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.116 ECA36	1. Government Use 2. Maritime communications	1. Government Use 2. Maritime communications: EN 303 402
3400 - 3500 kHz	AERONAUTICAL MOBILE (R) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 27 Allotment Plan. Including HF Data Links 2. Government Use
3500 - 3800 kHz	AMATEUR FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.92 ECA36	1. Amateur 2. Government Use 3. Maritime communications	1. Amateur: EN 301 783 2. Government Use 3. Maritime communications: EN 303 402
3800 - 3900 kHz	AERONAUTICAL MOBILE (OR) FIXED LAND MOBILE ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use
3900 - 3950 kHz	AERONAUTICAL MOBILE (OR) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use
3950 - 4000 kHz	BROADCASTING FIXED ECA36	1. Broadcasting 2. Government Use	1. Broadcasting: EN 302 017, EN 302 245. Digital systems to be introduced 2. Government Use
4000 - 4063 kHz	FIXED MARITIME MOBILE 5.127 ECA36	1. Government Use 2. Maritime communications	1. Government Use 2. Maritime communications: EN 303 402, Appendix 17 channelling plan, Appendix 25 allotment plan
4063 - 4438 kHz	MARITIME MOBILE 5.79A 5.109 5.110 5.130 5.131 5.132 ECA36	1. DSC 2. Government Use 3. Maritime communications 4. NAVTEX 5. Railway applications	1. DSC: EN 302 885, EN 303 402, 4207.5 kHz (DSC distress traffic) Ship stations 4208, 4208.5, 4209 kHz. Coast stations 4219.5, 4220, 4220.5 kHz (DSC calling) 2. Government Use 3. Maritime communications: EN 303 402, Appendix 17 channelling plan, Appendix 25 allotment plan. 4125 kHz (Radiotelephony distress and safety traffic). 4177.5 kHz (Telex distress traffic). 4209.5 kHz (Meteorological and navigational warnings). 4210 kHz (Safety Information) 4. NAVTEX: EN 300 065, 4209.5 kHz 5. Railway applications: EN 302 608, ERC/REC 70-03, 4234 kHz

Frequency Band	National Allocation	National Usage	Remarks
4438 – 4488 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) Radiolocation 5.132A ECA36	1. Government Use	1. Government Use
4488 - 4650 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) ECA36	1. Government Use	1. Government Use
4650 - 4700 kHz	AERONAUTICAL MOBILE (R) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use
4700 - 4750 kHz	AERONAUTICAL MOBILE (OR) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use
4750 - 4850 kHz	AERONAUTICAL MOBILE (OR) FIXED LAND MOBILE ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications 2. Government Use
4850 - 4995 kHz	FIXED LAND MOBILE ECA36	1. Government Use	1. Government Use
4995 - 5003 kHz	STANDARD FREQUENCY AND TIME SIGNAL (5000kHz)		
5003 - 5005 kHz	STANDARD FREQUENCY AND TIME SIGNAL Space Research		
5005 - 5060 kHz	FIXED ECA36	1. Government Use	1. Government Use
5060 - 5250 kHz	FIXED Mobile except aeronautical mobile ECA36	1. Government Use	1. Government Use
5250 - 5275 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE Radiolocation 5.132A ECA36	1. Government Use	1. Government Use

Frequency Band	National Allocation	National Usage	Remarks
5275 – 5351.5 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE ECA36	1. Government Use	1. Government Use
5351.5 – 5366.5 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE Amateur 5.133B ECA36	1. Amateur 2. Government Use	1. Amateur: EN 301 783 2. Government Use
5366.5 - 5450 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE ECA36	1. Government Use	1. Government Use
5450 - 5480 kHz	AERONAUTICAL MOBILE (OR) FIXED LAND MOBILE ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications 2. Government Use
5480 - 5680 kHz	AERONAUTICAL MOBILE (R) 5.111 5.115 ECA36	1. Aeronautical communications 2. Government Use 3. SAR (communications)	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use 3. SAR (communications): EN 303 402, 5680 kHz (Aeronautical/ Maritime radiotelephony SAR coordination)
5680 - 5730 kHz	AERONAUTICAL MOBILE (OR) 5.111 5.115 ECA36	1. Aeronautical communications 2. Government Use 3. SAR (communications)	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use 3. SAR (communications): EN 303 402, 5680 kHz (Aeronautical/Maritime radiotelephony SAR coordination)
5730 - 5900 kHz	FIXED LAND MOBILE ECA36	1. Government Use	1. Government Use
5900 - 5950 kHz	BROADCASTING 5.134 5.136	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced
5950 - 6200 kHz	BROADCASTING	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced

Frequency Band	National Allocation	National Usage	Remarks
6200 - 6525 kHz	MARITIME MOBILE 5.109 5.110 5.130 5.132 5.137 ECA36	1. DSC 2. Government Use 3. Maritime communications	1. DSC: EN 302 885, EN 303 402, 6312 kHz (DSC distress traffic) 6312.5, 6313, 6313.5, 6331, 6331.5, 6332 kHz (DSC calling) 2. Government Use 3. Maritime communications: Appendix 17 channelling plan, Appendix 25 allotment plan. 6215 kHz (Radiotelephony distress and safety traffic). 6268kHz (Telex distress traffic). 6314 kHz (Maritime Safety Information)
6525 - 6685 kHz	AERONAUTICAL MOBILE (R) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use
6685 - 6765 kHz	AERONAUTICAL MOBILE (OR) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use
6765 - 7000 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.138 ECA36	1. Government Use 2. ISM	1. Government Use 2. ISM: Within the band 6765 - 6795 kHz
7000 - 7100 kHz	AMATEUR AMATEUR-SATELLITE	1. Amateur	1. Amateur: EN 301 783, within the band 7000-7200 kHz
7100-7200 kHz	AMATEUR	1. Amateur	1. Amateur: EN 301 783, within the band 7000-7200 kHz
7200 - 7300 kHz	BROADCASTING	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced
7300 - 7400 kHz	BROADCASTING 5.134 5.143 5.143B	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced
7400 - 7450 kHz	BROADCASTING 5.143B	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced
7450 - 8100 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE (R) ECA36	1. Government Use	1. Government Use
8100 - 8195 kHz	FIXED MARITIME MOBILE ECA36	1. Government Use 2. Maritime communications	1. Government Use 2. Maritime communications: EN 303 402, Appendix 17 channelling plan

Frequency Band	National Allocation	National Usage	Remarks
8195 - 8815 kHz	MARITIME MOBILE 5.109 5.110 5.132 5.145 5.111 ECA36	1. DSC 2. Government Use 3. Maritime communications	1. DSC: EN 302 885, EN 303 402, 8414.5 kHz (DSC distress traffic). 8415, 8415.5, 8416, 8436.5, 8437, 8437.5 kHz (DSC calling) 2. Government Use 3. Maritime communications: EN 303 402, Appendix 17 channelling plan. Appendix 25 allotment plan. 8291 kHz (Radiotelephony distress and safety traffic).8376.5 kHz (Telex distress traffic). 8416.5 kHz (Maritime Safety Information)
8815 - 8965 kHz	AERONAUTICAL MOBILE (R) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use
8965 - 9040 kHz	AERONAUTICAL MOBILE (OR) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use
9040 - 9305 kHz	FIXED ECA36	1. Government Use	1. Government Use
9305 - 9355 kHz	FIXED Radiolocation 5.145A ECA36	1. Government Use	1. Government Use
9355 - 9400 kHz	FIXED ECA36	1. Government Use	1. Government Use
9400 - 9500 kHz	BROADCASTING 5.134 5.146	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced
9500 - 9900 kHz	BROADCASTING 5.147	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced
9900 - 9995 kHz	FIXED ECA36	1. Government Use	1. Government Use
9995 - 10003 kHz	STANDARD FREQUENCY AND TIME SIGNAL (10000kHz) 5.111		
10003 - 10005 kHz	STANDARD FREQUENCY AND TIME SIGNAL Space Research 5.111	1.SAR (communications)	1. SAR (communications): 10003 kHz (+/-3 kHz) concerning manned space vehicles
10005 - 10100 kHz	AERONAUTICAL MOBILE (R) 5.111 ECA36	1.Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use

Frequency Band	National Allocation	National Usage	Remarks
10100 - 10150 kHz	FIXED Amateur ECA36	1. Amateur 2. Government Use	1. Amateur: EN 301 783 2. Government Use
10150 - 11175 kHz	FIXED Mobile except aeronautical mobile (R) ECA36	1. Government Use 2.Railway applications	1. Government Use 2. Railway applications: EN 302 609, Within the band 11100-16000 kHz
11175 - 11275 kHz	AERONAUTICAL MOBILE (OR) ECA36	1.Aeronautical communications 2. Government Use 3.Railway applications	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use 3. Railway applications: EN 302 609, Mainly, within the band 11100-16000 kHz
11275 - 11400 kHz	AERONAUTICAL MOBILE (R) ECA36	1. Aeronautical communications 2. Government Use 3.Railway applications	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use 3. Railway applications: EN 302 609, Mainly, within the band 11100-16000 kHz
11400 - 11600 kHz	FIXED ECA36	1. Government Use 2.Railway applications	1. Government Use 2. Railway applications: EN 302 609, Mainly, within the band 11100-16000 kHz
11600 - 11650 kHz	BROADCASTING 5.134 5.146	1. Broadcasting 2.Railway applications	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced 2. Railway applications: EN 302 609, Within the band 11100-16000 kHz
11650 - 12050 kHz	BROADCASTING 5.147	1. Broadcasting 2.Railway applications	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced 2. Railway applications: EN 302 609, Mainly, within the band 11100-16000 kHz
12050 - 12100 kHz	BROADCASTING 5.146	1. Broadcasting 2.Railway applications	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
12100 - 12230 kHz	FIXED ECA36	1. Government Use 2.Railway applications	1. Government Use 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz

Frequency Band	National Allocation	National Usage	Remarks
12230 - 13200 kHz	MARITIME MOBILE 5.109 5.110 5.132 5.145 ECA36	1. DSC 2. Government Use 3.Maritime communications 4.Railway applications	1. DSC: EN 302 885, EN 303 402, 12577 kHz (DSC distress traffic). 12577.5, 12578, 12578.5, 12657, 12657.5, 12658 kHz (DSC calling) 2. Government Use 3. Maritime communications: EN 303 402, Appendix 17 channeling plan. Appendix 25 allotment plan. 12290 kHz (Radiotelephony distress and safety traffic). 12520 kHz (Telex distress traffic). 12579 kHz (Maritime Safety Information) 4. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13200 - 13260 kHz	AERONAUTICAL MOBILE (OR) ECA36	1.Aeronautical communications 2. Government Use 3.Railway applications	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use 3. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13260 - 13360 kHz	AERONAUTICAL MOBILE (R) ECA36	1.Aeronautical communications 2. Government Use 3.Railway applications	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use 3. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13360 - 13410 kHz	FIXED RADIO ASTRONOMY 5.149 ECA36	1. Government Use 2. Radio astronomy 3. Railway applications	1. Government Use 2. Radio astronomy: Continuum observation 3. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13410 - 13450 kHz	FIXED Mobile except aeronautical mobile (R) ECA36	1.Government Use 2.Railway applications	1. Government Use 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13450 - 13550 kHz	FIXED Mobile except aeronautical mobile (R) Radiolocation 5.132A ECA36	1. Government Use 2. Railway applications	1. Government Use 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13550 - 13570 kHz	FIXED Mobile except aeronautical mobile (R) 5.150 ECA36	1. Government Use 2. ISM 3. Railway applications	1. Government Use 2. ISM: Within the band 13553-13567 kHz 3. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz

Frequency Band	National Allocation	National Usage	Remarks
13570 - 13600 kHz	BROADCASTING 5.134 5.151	1. Broadcasting 2. Railway applications	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13600 - 13800 kHz	BROADCASTING	1. Broadcasting 2. Railway applications	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13800 - 13870 kHz	BROADCASTING 5.134 5.151	1. Broadcasting 2. Railway applications	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
13870 - 14000 kHz	FIXED Mobile except aeronautical mobile (R) ECA36	1. Government Use 2. Railway applications	1. Government Use 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
14000 - 14250 kHz	AMATEUR AMATEUR-SATELLITE	1. Amateur 2. Amateur-satellite 3.Railway applications	1. Amateur: EN 301 783, within the band 14000-14350 kHz 2. Amateur-satellite 3. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
14250 - 14350 kHz	AMATEUR	1. Amateur 2.Railway applications	1. Amateur: EN 301 783, within the band 14000-14350 kHz 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
14350 - 14990 kHz	FIXED Mobile except aeronautical mobile (R) ECA36	1. Government Use 2.Railway applications	1. Government Use 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
14990 - 15005 kHz	STANDARD FREQUENCY AND TIME SIGNAL (15000kHz) 5.111	1.Railway applications 2.SAR (communications)	1. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz 2. SAR (communications): 14993 kHz (+/-3 kHz) concerning manned space vehicles
15005 - 15010 kHz	STANDARD FREQUENCY AND TIME SIGNAL Space Research	1.Railway applications	1. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz

Frequency Band	National Allocation	National Usage	Remarks
15010 - 15100 kHz	AERONAUTICAL MOBILE (OR) ECA36	1. Aeronautical communications 2. Government Use 3.Railway applications	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use 3. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
15100 - 15600 kHz	BROADCASTING	1. Broadcasting 2.Railway applications	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
15600 - 15800 kHz	BROADCASTING 5.134 5.146	1. Broadcasting 2.Railway applications	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
15800 - 16100 kHz	FIXED ECA36	1. Government Use 2.Railway applications	1. Government Use 2. Railway applications: EN 302 609, Mainly within the band 11100-16000 kHz
16100 - 16200 kHz	FIXED Radiolocation 5.145A ECA36	1. Government Use	1. Government Use
16200 - 16360 kHz	FIXED ECA36	1. Government Use	1. Government Use
16360 - 17410 kHz	MARITIME MOBILE 5.109 5.110 5.132 5.145 ECA36	1. DSC 2. Government Use 3.Maritime communications	1. DSC: EN 302 885, EN 303 402, 16804.5 kHz (DSC distress traffic).16805, 16805.5, 16806, 16903, 16903.5, 16904 kHz (DSC calling) 2. Government Use 3. Maritime communications: EN 303 402, Appendix 17 channeling plan. Appendix 25 allotment plan.16420 kHz (Radiotelephony distress and safety traffic).16695 kHz (Telex distress traffic).16806.5 kHz (Maritime Safety Information)
17410 - 17480 kHz	FIXED ECA36	1. Government Use	1. Government Use
17480 - 17550 kHz	BROADCASTING 5.134 5.146	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Digital systems to be introduced
17550 - 17900 kHz	BROADCASTING	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced

Frequency Band	National Allocation	National Usage	Remarks
17900 - 17970 kHz	AERONAUTICAL MOBILE (R) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use
17970 - 18030 kHz	AERONAUTICAL MOBILE (OR) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 26 Allotment Plan 2. Government Use
18030 - 18052 kHz	FIXED ECA36	1. Government Use	1. Government Use
18052 - 18068 kHz	FIXED Space Research ECA36	1. Government Use	1. Government Use
18068 - 18168 kHz	AMATEUR AMATEUR-SATELLITE	1. Amateur 2. Amateur-satellite	1. Amateur: EN 301 783 2. Amateur-satellite
18168 - 18780 kHz	FIXED Mobile except aeronautical mobile ECA36	1. DSC 2. Government Use	1. DSC: EN 302 885, EN 303 402, 18898.5, 18899, 18899.5 kHz (DSC calling) 2. Government Use
18780 - 18900 kHz	MARITIME MOBILE ECA36	1. Government Use 2.Maritime communications	1. Government Use 2. Maritime communications: EN 303 402, Appendix 17 channelling plan
18900 - 19020 kHz	BROADCASTING 5.134 5.146	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure. Digital systems to be introduced
19020 - 19680 kHz	FIXED ECA36	1. Government Use	1. Government Use
19680 - 19800 kHz	MARITIME MOBILE 5.132 ECA36	1. DSC 2. Government Use 3. Maritime communications	1. DSC: EN 302 885, EN 303 402, 19703.5, 19704, 19704.5 kHz (DSC calling) 2. Government Use 3. Maritime communications: EN 303 402, Appendix 17 channelling plan. Appendix 25 allotment plan.19680.5 kHz (Maritime Safety Information)
19800 - 19990 kHz	FIXED ECA36	1. Government Use	1. Government Use
19990 - 19995 kHz	STANDARD FREQUENCY AND TIME SIGNAL Space Research 5.111	1. SAR (communications)	1. SAR (communications): 19993 kHz (+/-3 kHz) concerning manned space vehicles

Frequency Band	National Allocation	National Usage	Remarks
19995 - 20010 kHz	STANDARD FREQUENCY AND TIME SIGNAL (20000kHz) 5.111		
20010 - 21000 kHz	FIXED Mobile ECA36	1. Government Use	1. Government Use
21000 - 21450 kHz	AMATEUR AMATEUR-SATELLITE	1. Amateur 2. Amateur-satellite	1. Amateur: EN 301 783 2. Amateur-satellite
21450 - 21850 kHz	BROADCASTING	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure Digital systems to be introduced
21850 - 21870 kHz	FIXED ECA36	1. Government Use	1. Government Use
21870 - 21924 kHz	FIXED 5.155B ECA36	1. Government Use	1. Government Use
21924 - 22000 kHz	AERONAUTICAL MOBILE (R) ECA36	1. Aeronautical communications 2. Government Use	1. Aeronautical communications: Appendix 27 Allotment Plan Including HF Data Links 2. Government Use
22000 - 22855 kHz	MARITIME MOBILE 5.132 ECA36	1. DSC 2. Government Use 3. Maritime communications	1. DSC: EN 302 885, EN 303 402, 22374.5, 22375, 22444, 22444.5, 22445 kHz (DSC calling) 2. Government Use 3. Maritime communications: EN 303 402, Appendix 17 channelling plan Appendix 25 allotment plan. 22376 kHz safety information
22855 - 23000 kHz	FIXED ECA36	1. Government Use	1. Government Use
23000 - 23200 kHz	FIXED Mobile except aeronautical mobile (R) ECA36	1. Government Use	1. Government Use
23200 - 23350 kHz	AERONAUTICAL MOBILE (OR) FIXED 5.156A	1. Aeronautical communications 2. Government Use	1. Aeronautical communications 2. Government Use
23350 - 24000 kHz	FIXED MOBILE except aeronautical mobile 5.157 ECA36	1. Government Use	1. Government Use

Frequency Band	National Allocation	National Usage	Remarks
24000 - 24450 kHz	FIXED LAND MOBILE ECA36	1. Government Use	1. Government Use
24450 - 24600 kHz	FIXED LAND MOBILE Radiolocation 5.132A ECA36	1. Government Use	1. Government
24600 - 24890 kHz	FIXED LAND MOBILE ECA36	1. Government Use	1. Government Use
24890 - 24990 kHz	AMATEUR AMATEUR-SATELLITE	1. Amateur 2. Amateur-satellite	1. Amateur: EN 301 783 2. Amateur-satellite
24990 - 25005 kHz	STANDARD FREQUENCY AND TIME SIGNAL (25000kHz)		
25005 - 25010 kHz	STANDARD FREQUENCY AND TIME SIGNAL Space Research	1. Space Research	1. Space Research: Scientific and medical space research
25010 - 25070 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE ECA36	1. Government Use	1. Government Use
25070 - 25210 kHz	MARITIME MOBILE ECA36	1. DSC 2. Government Use 3. Maritime communications	1. DSC: EN 302 885, EN 303 402, 25208.5, 25209, 25209.5 kHz (DSC calling) 2. Government Use 3. Maritime communications: EN 303 402, Appendix 17 channelling plan
25210 - 25550 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE ECA36	1. Government Use	1. Government Use
25550 - 25670 kHz	RADIO ASTRONOMY 5.149	1. Radio astronomy	1. Radio astronomy: Continuum observation
25670 - 26100 kHz	BROADCASTING	1. Broadcasting	1. Broadcasting: EN 302 017, EN 302 245, Article 12 planning procedure Digital systems to be introduced

Frequency Band	National Allocation	National Usage	Remarks
26100 - 26175 kHz	MARITIME MOBILE 5.132 ECA36	1. DSC 2. Government Use 3. Maritime communications	1. DSC: EN 302 885, EN 303 402, 26121, 26121.5, 26122 kHz (DSC calling) 2. Government Use 3. Maritime communications: EN 303 402, Appendix 17 channelling plan. Appendix 25 allotment plan. 26100.5 kHz Maritime Safety Information
26175 - 26200 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE ECA36	1. Government Use	1. Government Use
26200 - 26350 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE Radiolocation 5.132A ECA36	1. Government Use	1. Government Use
26350 - 27500 kHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.150 ECA36	1. CB radio 2. Government Use 3. ISM 4. Model control 5. Railway applications	1. CB radio: EN 300 433, ECC/DEC/(11)03, ERC/REC 70-03, (CEPT PR 27). Within the band 26.960-27.410 MHz. 2. Government Use 3. ISM: Within the band 26.957 – 27.283 MHz 4. Model control: EN 300 220. In accordance to the Decision 2009/381/EC, in the bands 26.990 - 27 MHz, 27.040 – 27.050 MHz, 27.090 – 27.100 MHz, 27.140 – 27.150 MHz and 27.190 – 27.200 MHz. 5. Railway applications: EN 302 608, ERC REC 70-03, 27.095 MHz Eurobalise system
27500 - 28000 kHz	FIXED METEOROLOGICAL AIDS MOBILE ECA36	1. Government Use	1. Government Use
28000 - 29700 kHz	AMATEUR AMATEUR-SATELLITE	1. Amateur 2. Amateur-satellite	1. Amateur: EN 301 783 2. Amateur-satellite
29.700 - 30.005 MHz	MOBILE ECA36	1. Government Use 2. Radio microphones and ALD	1. Government Use 2. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis

Frequency Band	National Allocation	National Usage	Remarks
30.005 - 30.010 MHz	MOBILE ECA36	1. Government Use 2. Radio microphones and ALD	1. Government Use 2. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
30.01 - 37.50 MHz	MOBILE ECA36	1. Government Use 2. Model control 3. PMR 4. Radio microphones and ALD	1. Government Use 2. Model control: EN 300 220, ERC/REC 70-03, ERC/DEC/(01)11, within the band 34.995-35.225 MHz only for flying model 3. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 .039 T/R 25-08 4. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz and 30.01-34.90 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
37.50 - 38.25 MHz	MOBILE Radio Astronomy 5.149 ECA36	1. Government Use 2. PMR 3. Radio astronomy 4. Radio microphones and ALD	1. Government Use 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio astronomy: Continuum observations 4. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
38.250 - 39 MHz	MOBILE ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD	1. Government Use 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis

Frequency Band	National Allocation	National Usage	Remarks
39 – 39.5 MHz	MOBILE Radiolocation 5.132A ECA36	1. Government Use 2. Meteor-scatter communications 3. PMR 4. Radio microphones and ALD	1. Government Use 2. Meteor-scatter communications: ERC/REC/(00)04, within the band 39.0-39.2 MHz 3. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 4. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
39.5 - 39.986 MHz	MOBILE ECA36	1. Government Use 2. Meteor-scatter communications 3. PMR 4. Radio microphones and ALD	1. Government Use 2. Meteor-scatter communications: ERC/REC/(00)04, within the band 39.0-39.2 MHz 3. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 4. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
39.986 - 40.020 MHz	MOBILE Space Research ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD	1. Government Use. 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
40.02 - 40.66 MHz	MOBILE ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD	1. Government Use. 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis

Frequency Band	National Allocation	National Usage	Remarks
40.660 - 40.700 MHz	MOBILE 5.150 ECA36	1. Government Use 2. ISM 3. Model control 4. Radio microphones and ALD	1. Government Use 2. ISM 3. Model control: EN 300 220, ERC/DEC/(01)12, ERC/REC 70-03, 40.665, 40.675, 40.685, 40.695 MHz 4. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
40.70 - 40.98 MHz	MOBILE ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD	1. Government Use. 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
40.980 - 41.015 MHz	MOBILE Space Research ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD	1. Government Use. 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
41.015 - 42.000 MHz	MOBILE ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD	1. Government Use. 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis

Frequency Band	National Allocation	National Usage	Remarks
42.0 - 42.5 MHz	FIXED MOBILE Radiolocation 5.132A 5.161B ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD	1. Government Use. 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
42.5 - 44.0 MHz	MOBILE ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD	1. Government Use: Harmonised band 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis
44.0 - 47MHz	MOBILE 5.162A ECA36	1. Government Use 2. PMR 3. Radio microphones and ALD 4. Wind profilers	1. Government Use: Harmonised band 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03, within the band 29.7-47.0 MHz. Narrow band audio systems including tour guide systems on a tuning range basis 4. Wind profilers: In the range 46-68 MHz, geographical sharing with other services.
47 - 50 MHz	LAND MOBILE 5.162A 5.164 ECA36	1. Government Use 2. On-site paging. 3. PMR 4. Wind profilers 5. Earth exploration-satellite	1. Government Use 2. On-site paging: EN 300 224, in the band 47.0-47.25 MHz 3. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039, T/R 25-08. Single frequency applications. 4. Wind profilers: In the range 46-68 MHz, geographical sharing with other services 5. Earth exploration-satellite: In the range 48.5-50 MHz. Space Research/EESS

Frequency Band	National Allocation	National Usage	Remarks
50 - 52 MHz	LAND MOBILE Amateur 5.162A 5.164 5.166A 5.169B ECA36	1. Amateur 2. Government Use 3. PMR 4. Wind profilers	1. Amateur: EN 301783, within the band 50-52 MHz 2. Government Use 3. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08. Single frequency applications. 4. Wind profilers: In the range 46-68 MHz, geographical sharing with other services.
52 - 68 MHz	LAND MOBILE 5.162A 5.163 5.1645.169B ECA36	1. Government Use 2. PMR 3. Wind profilers	1. Government Use 2. PMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. T/R 25-08. Mobile station transmit band in 54-61 MHz paired with base station transmit band in 61-68 MHz. Single frequency applications. 3. Wind profilers: In the range 46-68 MHz, geographical sharing with other services
68.00 - 70.45 MHz	MOBILE Amateur ECA9 ECA36	1. Amateur 2. Government Use 3. PMR/PAMR	1. Amateur: EN 301 783, Within the band 69.9-70.5 MHz 2. Government Use 3. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. Mobile station transmit paired with 77.8-80.25 MHz.
70.45 - 74.80 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE Amateur Radio Astronomy 5.149 ECA9 ECA36	1. Amateur 2. Government Use 3. PMR/PAMR 4. Radio astronomy	1. Amateur: EN 301 783, within the band 69.9-70.5 MHz 2. Government Use: Harmonised band 73.3-74.1 MHz 3. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. Mobile station transmit band paired with 80.25-84.6 MHz. For government use applications only. 4. Radio astronomy: Continuum observations (inter alia solar wind monitoring in 73-74.6 MHz).
74.8 - 75.2 MHz	AERONAUTICAL RADIONAVIGATION 5.180	1. ILS	1. ILS: Marker beacons.

Frequency Band	National Allocation	National Usage	Remarks
75.2 87.5 MHz	MOBILE ECA36	1. Government Use 2. PMR/PAMR	1. Government Use 2. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. Mobile station transmit band in 75.2-77.7 MHz paired with base station transmit band in 85.0-87.5 MHz.
87.5 - 100 MHz	BROADCASTING	1. FM sound analogue 2. Wireless audio/multimedia	1. FM sound analogue: EN 302 018.Geneva Agreement GE84 2. Wireless audio/multimedia: EN 301 357. ERC/REC 70-03. Within the band 87.5 -108 MHz .
100 - 108 MHz	BROADCASTING	2. FM sound analogue 3. Wireless audio/multimedia	1. FM sound analogue: EN 302 018. Geneva Agreement GE84 2. Wireless audio/multimedia: EN 301 357. ERC/REC 70-03. With the band 87.5 -108 MHz .
108.000 - 117.975 MHz	AERONAUTICAL MOBILE (R) AERONAUTICAL RADIONAVIGATION 5.197A	1. Aeronautical communications 2. GBAS 3. ILS 4. VOR	1. Aeronautical communications: Safety and regularity of flights, below 112 MHz limited to ground based data link transmitters 2. GBAS: EN 303 084, GBAS/VDB within 112-117.975 MHz 3. ILS: Localiser within the band 108-112 MHz 4. VOR: With the band 108-117.975 MHz
117.975 - 121.450 MHz	AERONAUTICAL MOBILE-SATELLITE (R) 5.200 ECA5	1. Aeronautical communications	1. Aeronautical communications: EN 300 676, EN 301 841, EN 301 842. Safety and regularity of flights. EN 301 841-3 is for ground-based equipment
121.45 - 121.55 MHz	AERONAUTICAL MOBILE (R) 5.111 5.200	1. Aeronautical communications 2. EPIRBs	1. Aeronautical communications: EN 300 676, EN 301 841, EN 302 961, EN 301 841-3 is for ground-based equipment. Maritime Personal Homing Beacon for search and rescue purposes 2. EPIRBs: EN 300 152, band only available for distress and safety
121.55 - 136.00 MHz	AERONAUTICAL MOBILE (R) 5.200 5.201 ECA5	1. Aeronautical communications	1. Aeronautical communications: EN 300 676 EN 301 841, EN 301 842. 123.1 MHz Aeronautical mobile distress communication. EN 301 841-3 is for ground based equipment
136 - 137 MHz	AERONAUTICAL MOBILE (R) 5.202 ECA5	1. Aeronautical communications	1. Aeronautical communications: EN 300 676, EN 301 841, EN 301 842. EN 301 841-3 is for ground-based equipment

Frequency Band	National Allocation	National Usage	Remarks
137.000 - 137.025 MHz	METEOROLOGICAL-SATELLITE (SPACE-TO-EARTH) MOBILE MOBILE-SATELLITE (SPACE-TO-EARTH) 5.208A 5.208B 5.209 Space Operation (space-to-Earth) Space Research (space-to-Earth) 5.203C 5.206 5.208 ECA6 ECA36	1. Government Use 2. Land mobile 3. MSS earth stations 4. Weather Satellite	1. Government Use 2. Land mobile: Mobile restricted to Aeronautical Mobile (OR), including air sport 3. MSS earth station: EN 301 721, ERC/DEC/(99)06, non-geostationary 4. Weather satellite
137.025 - 137.175 MHz	METEOROLOGICAL- SATELLITE (SPACE-TO-EARTH) MOBILE Mobile-Satellite (SPACE-TO-EARTH) 5.208A 5.208B 5.209 Space Operation (space-to-Earth) Space Research (space-to-Earth) 5.203C 5.206 5.208 ECA6 ECA36	1. Government Use 2. Land mobile 3. MSS earth stations 4. Weather Satellite	1. Government Use 2. Land mobile: Mobile restricted to Aeronautical Mobile (OR), including air sport 3. MSS earth stations: EN 301 721, ERC/DEC/(99)06, non-geostationary 4. Weather satellite
137.175 - 137.825 MHz	METEOROLOGICAL- SATELLITE (SPACE-TO-EARTH) MOBILE MOBILE-SATELLITE (SPACE-TO-EARTH) 5.208A 5.208B 5.209 Space Operation (space-to-Earth) Space Research (space-to-Earth) 5.206 5.208 ECA6 ECA36	1. Government Use 2. Land mobile 3. MSS earth stations 4. Weather Satellite	1. Government Use 2. Land mobile: Mobile restricted to Aeronautical Mobile (OR), including air sport 3. MSS earth stations: EN 301 721, ERC/DEC/(99)06, non-geostationary 4. Weather satellite

Frequency Band	National Allocation	National Usage	Remarks
137.825 - 138.000 MHz	METEOROLOGICAL- SATELLITE (SPACE-TO-EARTH) MOBILE Mobile-Satellite (space-to-Earth) 5.208A 5.208B 5.209 Space Operation (space-to-Earth) Space Research (space-to-Earth) 5.206 5.208 ECA6 ECA36	1. Government Use 2. Land mobile 3. MSS earth stations 4. Weather Satellite	1. Government Use 2. Land mobile: Mobile restricted to Aeronautical Mobile (OR), including air sport 3. MSS earth stations: EN 301 721, ERC/DEC/(99)06, non-geostationary 4. Weather satellite
138.0 - 143.6 MHz	AERONAUTICAL MOBILE (OR) LAND MOBILE Space Research (space-to-Earth) 5.211 ECA36 ECA5	1. Government Use 2. Land mobile 3. Non-specific SRDs	1. Government Use 2. Land mobile 3. Non-specific SRDs: EN 300 220, ERC/REC 70-03, within the band 138.2-138.45 MHz
143.60 - 143.65 MHz	AERONAUTICAL MOBILE (OR) LAND MOBILE SPACE RESEARCH (space-to-Earth) 5.211 ECA36 ECA367	1. Government Use 2. Land mobile	1. Government Use 2. Land mobile
143.65 - 144.00 MHz	AERONAUTICAL MOBILE (OR) LAND MOBILE 5.211 ECA5 ECA36	1. Government Use 2. Land mobile	1. Government Use 2. Land mobile
144 - 146 MHz	AMATEUR AMATEUR-SATELLITE	1. Amateur 2. Amateur Satellite	1. Amateur: EN 301783 2. Amateur Satellite
146.0 - 148.0 MHz	MOBILE ECA7	1. PMR/PAMR	1. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471 EN 301 166, EN 302 561, EN 303 039 ECC/DEC/(19)02, T/R 25-08. Single frequency applications

Frequency Band	National Allocation	National Usage	Remarks
148.0 149.9 MHz	MOBILE MOBILE-SATELLITE (EARTH-TO-SPACE) 5.209 5.218A 5.218 5.219 5.221 ECA6 ECA7	1. PMR/PAMR 2. MSS earth station	1. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471 EN 301 166, EN 302 561, EN 303 039 ECC/DEC/(19)02, T/R 25-08. Mobile station transmit band paired with 152.6-154.5 MHz. 2. MSS earth station: EN 301 721, ERC/DEC(99)06, non-geostationary
149.90 - 150.05 MHz	MOBILE MOBILE-SATELLITE (EARTH-TO-SPACE) 5.209 5.220 ECA6	1. PMR/PAMR 2. MSS earth station	1. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471 EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. Single frequency applications 2. MSS earth station: EN 301 721, ERC/DEC/(99)06, non-geostationary
150.05 - 153 MHz	MOBILE EXCEPT AERONAURICAL MOBILE RADIO ASTRONOMY 5.149 ECA7	1. PMR/PAMR 2. Radio astronomy	1. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471 EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. 150.05-151.4 MHz mobile station transmit paired with 154.65-156.0 MHz, 151.4-153 MHz, base station transmit paired with 146.8-148.4 MHz. 2. Radio astronomy: Continuum observations (inter-alia solar research)
153 - 154 MHz	MOBILE MOBILE EXCEPT AERONAURICAL MOBILE (R) ECA7	1. PMR/PAMR	2. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471 EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. Base station transmit paired with 148.4-149.4 MHz.
154 - 156.4875 MHz	MOBILE EXCEPT AERONAURICAL MOBILE (R) 5.226 ECA7 ECA8	1.Maritime communications 2. PMR/PAMR	1. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 301 929. ECC/DEC/(19)03. RR Appendix 18. 2. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471 EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. 154-154.5 MHz base station transmit paired with 149.4-149.9 MHz, 154.5-154.65 MHz single frequency appl. 154.65-156 MHz, base station transmit paired with 150.05-151.4 MHz.

Frequency Band	National Allocation	National Usage	Remarks
156.4875 - 156.5125 MHz	MARITIME MOBILE (DISTRESS AND CALLING VIA DSC) 5.226 5.227 ECA7 ECA8	1.Maritime communications	1. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 301 929. ECC/DEC(19)03. RR Appendix 18.
156.5125 - 156.5375 MHz	MARITIME MOBILE (DISTRESS AND CALLING VIA DSC) 5.111 5.226	1. DSC	1. DSC: EN 301 025, EN 301 929, EN 302 885, EN 303 132. ECC/DEC(19)03. RR Appendix 18. Distress, safety and calling 156.525 MHz.
56.5375 - 156.5625 MHz	MARITIME MOBILE (DISTRESS AND CALLING VIA DSC) MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.226 5.227 ECA7 ECA8	1.Maritime communications	1. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 301 929. ECC/DEC(19)03. RR Appendix 18.
156.5625 - 156.7625 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE (R) 5.226 ECA7 ECA8	1.Maritime communications	1. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 300 929. ECC/DEC(19)03. RR Appendix 18.
156.7625 - 156.7875 MHz	MARITIME MOBILE (DISTRESS AND CALLING) 5.111 5.226 5.228	1. Maritime communications	1. Maritime communications:EN 301 929, ECC/DEC(19)03. RR Appendix 18. Satellite A/S Earth-to-space.
156.7875 – 156.8125 MHz	MARITIME MOBILE (DISTRESS AND CALLING) 5.111 5.226	1. Maritime communications	1. Maritime communications: EN 300 162. ECC/DEC(19)03. RR Appendix 18. Distress, safety and calling 156.8 MHz for the maritime mobile VHF radiotelephone service.
156.8125 - 156.8375 MHz	MARITIME MOBILE 5.111 5.226 5.228	1. Maritime communications	1. Maritime communications: EN 301 929. ECC/DEC(19)03. RR Appendix 18. Satellite AIS Earth-tp-space.

Frequency Band	National Allocation	National Usage	Remarks
156.8375 - 161.9375 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE 5.226 ECA7 ECA8	1.Maritime communications 2. PMR/PAMR	1. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 301 929. ECC/DEC/(19)03. RR Appendix 18. 2. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08.
161.9375 - 161.9625 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE Maritime Mobile-Satellite (Earth-to-space) 5.228AA 5.226 ECA7 ECA8	1.Maritime communications 2. PMR/PAMR	1. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 301 929. ECC/DEC/(19)03. RR Appendix 18. 2. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08.
161.9625 - 161.9875 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE Mobile-Satellite (Earth-to-space) 5.228F 5.226 ECA7 ECA8	1. AIS 2.Maritime communications	1. AIS: EN 303 098, 161.975 MHz 2. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 301 929. ECC/DEC(19)03. RR Appendix 18.
161.9875 - 162.0125 MHz	MARITIME MOBILE-SATELLITE (EARTH-TO-SPACE) 5.228AA MOBILE EXCEPT AERONAUTICAL MOBILE 5.226 ECA7 ECA8	1. Maritime communications	1. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 301 929. ECC/DEC(19)03. RR Appendix 18.
162.0125 – 162.0375 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE 5.226 ECA7 ECA8	1. AIS 2.Maritime communications	1. AIS: EN 303 098, 162.025 MHz. 2. Maritime communications: EN 300 162, EN 300 698, EN 301 025, EN 301 178, EN 301 929. ECC/DEC(19)03. RR Appendix 18.

Frequency Band	National Allocation	National Usage	Remarks
162.0375 – 169.4 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE ECA7	1. PMR/PAMR	1. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 220, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. Single frequency applications 165.225-169.4 MHz mobile station transmit paired with 169.825-174.0 MHz, 162.05-165.2 MHz: base station transmit paired with 157.45-160.6 MHz. 169.825-174 MHz base station transmit paired with 165.225-169.4 MHz.
169.4 -169.8125 MHz	Mobile except aeronautical mobile		
169.8125 MHz-174 MHz	Mobile except aeronautical mobile ECA7	1. PMR/PAMP 2. Radio microphones	1. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 220, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. ECC/DEC/(19)02, T/R 25-08. Single frequency applications 165.225-169.4 MHz mobile station transmit paired with 169.825-174.0 MHz; 162.05-165.2 MHz base station transmit paired with 157.45-160.6 MHz. 169.825 MHz-174MHz base station transmit paired with 165.225-169.4 MHz, 2. Radio microphones: EN 300 422, ERC/REC 70-03.
174 - 223 MHz	BROADCASTING LAND MOBILE 5.235	1. Broadcasting (terrestrial) 2. Radio microphones 3. PMSE	1. Broadcasting (terrestrial): EN 302 077, EN 302 296. Geneva Agreement 2006. TV Broadcasting T-DAB. The band 174-230 MHz will be reviewed for possible future applications after the introduction of T-DAB and DV-T. 2. Radio microphones: EN 300 422, ERC/ERC 25-10, ERC/REC 70-03, On a tuning range basis within 174-261 MHz. 3. PMSE: ERC/REC 25-10. Audio links within 174-216 MHz.
223 - 225 MHz	BROADCASTING	1. Broadcasting (terrestrial)	1. Broadcasting (terrestrial): EN 302 077, EN 302 296. Geneva Agreement 2006. TV Broadcasting T-DAB. The band 174-230 MHz will be reviewed for possible future applications after the introduction of T-DAB and DVB-T.
225 - 230 MHz	BROADCASTING Land Mobile ECA10 ECA36	1. Broadcasting (terrestrial) 2. Government use	1. Broadcasting (terrestrial): EN 302 077, EN 302 296. Geneva Agreement 2006. This band is within the military tuning range 225-400 MHz. The band 174-230 MHz will be reviewed for possible future applications after the introduction of T-DAB and DVB-T. Sharing with government use on national basis. TV Broadcasting, T-DAB. 2. Government use

Frequency Band	National Allocation	National Usage	Remarks
230 - 235 MHz	MOBILE ECA10 ECA36	1. Government Use 2. T-DAB	1. Government Use 2. T-DAB: EN 302 077. T-DAB sharing with government use on a national basis. Wiesbaden 1995 Special Arrangement, as revised Constanta, 2007.
235 - 240 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use 2. T-DAB	1. Government Use 2. T-DAB: EN 302 077. T-DAB sharing with government use on a national basis. Wiesbaden 1995 Special Arrangement, as revised in Constanta 2007.
240 - 242.95 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use	1. Government Use: EN 302 617.
242.95 - 243.05 MHz	AERONAUTICAL MOBILE 5.111 5.254 5.256	1. EPIRBs	1. EPIRBs: EN 300 152, Band only available for distress and safety purposes 243.0 MHz.
243.05 – 267 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use	1. Government Use: EN 302 617.
267 - 272 MHz	MOBILE 5.254 5.257 ECA10 ECA36	1. Government Use	1. Government Use: EN 302 617
272 - 273 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use	1. Government Use: EN 302 617
273 - 312 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use	1. Government Use: EN 302 617

Frequency Band	National Allocation	National Usage	Remarks
312 - 315 MHz	MOBILE 5.254 5.255 ECA10 ECA36	1. Government Use	1. Government Use: EN 302 617
315 - 322 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use	1. Government Use: EN 302 617
322 - 328.6 MHz	MOBILE RADIO ASTRONOMY 5.149 ECA10 ECA36	1. Government Use 2. Radio astronomy	1. Government Use 2. Radio astronomy: Continuum and spectral line observations (e.g. deuterium), VLBI.
328.6 - 335.4 MHz	AERONAUTICAL RADIONAVIGATION 5.258	1. ILS	1. ILS: Glide path.
335.4 – 380 MHz	MOBILE 5.254 ECA7 ECA10 ECA36	1. Government Use	1. Government Use: EN 302 617
380 - 385 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use 2. PPDR	1. Government Use: 2. PPDR: EN 300 113, EN 300 390, EN 302 561, EN 303 039. ECC/DEC/(06)05, ECC/DEC/(08)05, ERC/DEC/(01)19, T/R 25-08. Within the bands 384.8-385.0 and 394.8-395.0 MHz for AGA, 384.750-384.800 MHz and 394.750-394.800 MHz may be used as preferred extension bands for AGA. Within the bands 380-380.15 and 390-390.15 MHz for DMO. Mobile station transmit paired with 390.0-395.0 MHz. PPDR sharing with government applications. PPDR on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05.

Frequency Band	National Allocation	National Usage	Remarks
385 - 387 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use 2. PMR/PAMR	1. Government Use 2. PMR/PAMR: EN 300 113, EN 300 390, EN 301 166, EN 302 561, EN 303 039. T/R 25-08. Digital land mobile PMR/PAMR. Mobile station transmit paired with 395-397 MHz. PPDR on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05.
387 - 390 MHz	MOBILE ECA10 ECA36	1. Government Use 2. PMR/PAMR	1. Government Use 2. PMR/PAMR: EN 300 113, EN 300 390, EN 301 166, EN 302 561, EN 303 039. T/R 25-08. Digital land mobile PMR/PAMR. Mobile station transmit paired with 397.0-399.9 MHz. PPDR on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05.
390 - 395 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use 2. PPDR	1. Government Use: PPDR (Emergency services) sharing with government use applications 2. PPDR: EN 300 113, EN 300 390, EN 302 561, EN 303 039. ECC/DEC/(06)05, ECC/DEC/(08)05, ERC/DEC/(01)19, T/R 25-08. Within the bands 384.8-385.0 and 394.8-395.0 MHz for AGA, 384.750-384.800 MHz and 394.750-394.800 MHz may be used as preferred extension bands. Within the bands 380-380.15 and 390-390.15 MHz for DMO. Base station transmit paired with 380-385 MHz. PPDR sharing with government applications. PPDR on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05.
395 - 399.9 MHz	MOBILE 5.254 ECA10 ECA36	1. Government Use 2. PMR/PAMR	1. Government Use 2. PMR/PAMR: EN 300 113, EN 301 166, EN 302 561, EN 303 039. T/R 25-08. Digital land mobile PMR/PAMR. Base station transmit paired with 385-389.9 MHz on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05.
399.9 - 400.05 MHz	MOBILE SATELLITE (EARTH-TO-SPACE) 5.220 5.209	1. PPDR 2. MSS Earth stations	1. PPDR: ECC/DEC/(08)05. 2. MSS Earth stations: EN 301 721. ERC/DEC/(99)05, ERC/DEC/(99)06
400.05 - 400.15 MHz	STANDARD FREQUENCY AND TIME SIGNAL SATELLITE (400.1 MHZ) 5.261 5.262	1. PPDR	1. PPDR: ECC/DEC/(08)05.

Frequency Band	National Allocation	National Usage	Remarks
400.15 - 401 MHz	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (SPACE-TO-EARTH) MOBILE-SATELLITE (SPACE-TO-EARTH) 5.208A 5.208B 5.209 SPACE OPERATION (SPACE-TO-EARTH) SPACE RESEARCH (SPACE-TO-EARTH) 5.263 5.262 5.264	1. PPDR 2. MSS Earth stations 3. MSS Earth stations 4. Sondes 5. Weather satellites	1. PPDR: ECC/DEC/(08)05 2. MSS Earth Stations: EN 301 721. ERC/DEC/(99)05, ERC/DEC/(99)06. Non-geostationary. 3. MSS Earth station: EN 301 721. ERC/DEC/(99)05, ERC/DEC/(99)06 4. Sondes: EN 302 054 5. Weather satellites
401 - 402 MHz	EARTH EXPLORATION-SATELLITE (EARTH-TO-SPACE) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (EARTH-TO-SPACE)	1. Sondes 2. Weather satellites	1. Sondes: EN 302 054 2. Weather satellites: Date collection platform telemetry.
402 - 403 MHz	EARTH EXPLORATION-SATELITE (EARTH-TO-SPACE) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (EARTH-TO-SPACE)	1. Sondes. 2. Weather satellites	1. Sondes: EN 302 054 2. Weather satellites: Data collection platform telemetry.
403 - 406 MHz	METEOROLOGICAL AIDS 5.265	1. Sondes.	1. Sondes: EN 302 054
406 - 406.1 MHz	MOBILE-SATELLITE (EARTH-TO-SPACE) 5.265 5.266 5.267	1. EPIRBs	1. EPIRBs: EN 300 066, EN 302 152. Band only available for distress and safety purposes.

Frequency Band	National Allocation	National Usage	Remarks
406.1 – 410 MHz	LAND MOBILE RADIO ASTRONOMY 5.149 5.265 ECA36	1. Government use 2. PMR/PAMR 3. Radio astronomy	1. Government use 2. PMR/PAMR: ECC/DEC/(19)02, T/R 25-08, EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 302 561, EN 303 039. Single frequency applications. PPDR on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05. 3. Radio astronomy: Continuum observations, VLBI.
410 - 420 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE ECA36	1. Government Use 2. PMR/PAMR 3. PPDR	1. Government Use 2. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 301 449, EN 301 526, EN 302 426, EN 302 561, EN 303 039, ECC/DEC/(19)02, T/R 25-08. Mobile station transmit paired with 420-430 MHz. 3. PPDR: EN 303 505, ECC/DEC/(16)02, T/R 25-08. BB-PPDR within 410-415 MHz / 420-425 MHz, 411-416 MHz / 421-426 MHz and 412-417 MHz / 422-427 MHz. PPDR on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05.
420 - 430 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE Radiolocation ECA7 ECA36	1. Government Use 2. PMR/PAMR 3. PPDR	1. Government Use 2. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 301 449, EN 301 526, EN 302 426, EN 302 561, EN 303 039, ECC/DEC/(19)02, T/R 25-08. Base station transmit paired with 410-420 MHz. 3. PPDR: EN 303 505, ECC/DEC/(16)02, T/R 25-08. BB-PPDR within 410-415 MHz / 420-425 MHz, 411-416 MHz / 421-426 MHz and 412-417 MHz / 422-427 MHz. PPDR on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05.
430 – 432 MHz	AMATEUR RADIOLOCATION ECA12 ECA36	1. Amateur 2. Government use 3. ULP-WMCE	1. Amateur: EN 301 783. Within the band 430–440 MHz. 2. Government use 3. ULP-WMCE: EN 303 520, ERC/REC 70-03. Within the band 430-440 MHz.

Frequency Band	National Allocation	National Usage	Remarks
432 – 433.05 MHz	AMATEUR RADIOLOCATION Earth Exploration Satellite (active) 5.279A ECA12 ECA36	1. Active sensors (satellite) 2. Amateur 3. Government use 4. ULP-WMCE	1. Active sensors (satellite): The use of this band by sensors in the EESS (active) shell be in accordance with Recommendation ITU-R SA 1260-1. 2. Amateur: EN 301 783. Within in the band 430-440 MHz. 3. Government use 4. ULP-WMCE: EN 303 520, ERC/REC 70-03. Within the band 430-440 MHz.
433.05 - 434.79 MHz	AMATEUR RADIOLOCATION Land Mobile Earth Exploration-Satellite (active) 5.279A 5.138 5.280 ECA12 ECA36	1. Active sensors (satellite) 2. Amateur 3. Government use 4. ISM 5. ULP-WMCE	1. Active sensors (satellite): The use of this band by sensors in the EESS (active) shell be in accordance with Recommendation ITU-R SA 1260-1. 2. Amateur: EN 301 783. Within in the band 430-440 MHz. 3. Government use 4. ISM 5. ULP-WMCE: EN 303 520, ERC/REC 70-03. Within the band 430-440 MHz
434.79 - 438 MHz	AMATEUR AMATEUR-SATELLITE RADIOLOCATION Earth Exploration-Satellite (active) 5.279A ECA12 ECA36	1. Active sensors (satellite) 2. Amateur 3. Amateur-Satellite 4. Government use 5. ULP-WMCE	1. Active sensors (satellite): The use of this band by sensors in the EESS (active) shell be in accordance with Recommendation ITU-R SA 1260-1. 2. Amateur: EN 301 783. Within in the band 430-440 MHz. 3. Amateur-Satellite: Amateur Satellite restricted to 435-438 MHz. 4. Government use 5. ULP-WMCE: EN 303 520, ERC/REC 70-03. Within the band 430-440 MHz
438 - 440 MHz	AMATEUR RADIOLOCATION ECA12 ECA36	1. Amateur 2. Government use 3. ULP-WMCE	1. Amateur: EN 301 783. Within in the band 430-440 MHz. 2. Government use 3. ULP-WMCE: EN 303 520, ERC/REC 70-03. Within the band 430-440 MHz

Frequency Band	National Allocation	National Usage	Remarks
440 - 450 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE Radiolocation ECA7 ECA36	1. Government Use 2. On-site paging 3. PMR/PAMR 4. Wind profilers 5. PMR 446	1. Government Use 2. On-site paging: EN 300 224. Call-out & answer-back. 3. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471 EN 301 166, EN 302 561, EN 303 039, ECC/DEC/(19)02, T/R 25-08. Single frequency operation. PPDR on a tuning range basis in 380-470 MHz range according to ECC/DEC/(08)05. Wide area paging on a tuning range basis in 440-470 MHz such as NP2M. 4. Wind profilers: Geographical sharing with other services. 5. PMR 446: EN 303 405; in 446.0-446.2 MHz
450 - 455 MHz	MOBILE ECA7 ECA34	1. On-site paging 2. PMR/PAMR 3. PPDR	1. On-site paging: EN 300 224. Call-out & answer-back. 2. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 301 449, EN 301 526, EN 302 426, EN 302 561, EN 303 039, ECC/DEC/(19)02, T/R 25-08. Mobile station transmit paired with 460-465 MHz. Wide area paging on a tuning range basis in 440-470 MHz such as NP2M. 3. PPDR: EN 303 505, ECC/DEC/(16)02, T/R 25-08. BB-PPDR within 450.5-456 MHz/ 460.5-466 MHz and 452-457.5 MHz/ 462-467.5 MHz PPDR on tuning range basis in 380-470 MHz range according to ECC/DEC /(08)05.
455 - 456 MHz	MOBILE ECA7 ECA34	1. Land mobile 2. On-site paging 3. PMR/PAMR 4. PPDR	1. Land mobile: Existing public cellurar networks. 2. On-site paging: EN 300 224. Call-out & answer-back. 3. PMR/PAMR: ECC/DEC/(19)02, T/R 25-08, EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 116, EN 301 449, EN 301 526, EN 302 426, EN 302 561, EN 303 039. Mobile station transmit paired with 465-466 MHz. Wide area paging on a tuning range basis in 440-470 MHz such as NP2M. 4. PPDR: EN 303 505, ECC/DEC/(16)02, T/R 25-08. BB-PPDR within 450.5-456 MHz/ 460.5-466 MHz and 452-457.5 MHz/ 462-467.5 MHz PPDR on tuning range basis in 380-470 MHz range according to ECC/DEC /(08)05.

Frequency Band	National Allocation	National Usage	Remarks
456 - 459 MHz	MOBILE 5.287 ECA7 ECA34	1. Land mobile 2. On-board communications 3. PMR/PAMR 4. PPDR	1. Land mobile: Existing public cellular networks. 2. On-board communications: EN 300 720. Within the band 457.5125-457.5875 MHz and 467.5125-467.5875 MHz. 3. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 116, EN 301 449, EN 301 526, EN 302 426, EN 302 561, EN 303 039, ECC/DEC/(19)02, , T/R 25-08. Mobile station transmit paired with 466-469 MH. Wide area paging on a tuning range basis in 440-470 MHz such as NP2M. 4. PPDR: EN 303 505, ECC/DEC/(16)02, T/R 25-08. BB-PPDR within 450.5-456 MHz/ 460.5-466 MHz and 452-457.5 MHz/ 462-467.5 MHz PPDR on tuning range basis in 380-470 MHz range according to ECC/DEC /(08)05.
459 - 460 MHz	MOBILE ECA7	1. Land mobile 2. On-site paging 3. PMR/PAMR.	1. Land mobile: Existing public cellular networks. 2. On-site paging: EN 300 224. Call-out & answer-back. 3. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 301 449, EN 301 526, EN 302 426, EN 302 561, EN 303 039, ECC/DEC/(19)02, T/R 25-08. Mobile station transmit paired with 469-470 MHz. Wide area paging on a tuning range basis in 440-470 MHz such as NP2M.

Frequency Band	National Allocation	National Usage	Remarks
460 - 470 MHz	MOBILE 5.287 5.289 ECA7 ECA34	1. Government use 2. Land mobile 3. On-board communications 4. On-site paging 5. PMR/PAMR. 6. Space research 7. PPDR	1. Government use 2. Land mobile: Existing public cellular networks. 3. On-board communications: EN 300 720, T/R 32-02. Within the band 457.525-467.575 MHz. 4. On-site paging: EN 300 224. Call-out & answer-back. 5. PMR/PAMR: EN 300 086, EN 300 113, EN 300 219, EN 300 296, EN 300 341, EN 300 390, EN 300 471, EN 301 166, EN 301 449, EN 301 526, EN 302 426, EN 302 561, EN 303 039, ECC/DEC/(19)02, , T/R 25-08. Base station transmit paired with 450-460 MHz. BB-PPDR according to ECC/DEC/(16)02. Wide area paging on a tuning range basis in 440-470 MHz such as NP2M. 6. Space research: Allocation to EESS in via RR 5.289. Date collection platform telecommand. Geographical sharing with other services. 7. PPDR: EN 303 505, ECC/DEC/(16)02, T/R 25-08. BB-PPDR within 450.5-456 MHz/ 460.5-466 MHz and 452-457.5 MHz/ 462-467.5 MHz PPDR on tuning range basis in 380-470 MHz range according to ECC/DEC /(08)05.
470 - 694 MHz	BROADCASTING 5.149 5.291A 5.296 5.306 5.311A ECA13	1. Broadcasting (terrestrial) 2. PMSE 3. Radio astronomy 4. Radio microphones and ALD 5. Wind profilers	1. Broadcasting (terrestrial): EN 302 296, Geneva Agreement 2006. TV Broadcasting. 2. PMSE: EN 300 422, EN 300 454. . ERC/REC 25-10. Audio links 3. Radio astronomy: Continuum observations, VLBI. 4. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03. Within the band 470-789 MHz on a tuning range basis. 5. Wind profilers: Limited to the band 470-494 MHz. Geographical sharing with other Services.

Frequency Band	National Allocation	National Usage	Remarks
694 - 790 MHz	BROADCASTING MOBILE EXCEPT AERONAUTICAL MOBILE 5.312A 5.317A 5.300 5.311A 5.312	1. Broadcasting (terrestrial) 2. PMSE 3. Radio microphones and ALD 4. Terrestrial systems capable of providing wireless broadband electronic communications services 5. PPDR	1. Broadcasting (terrestrial): EN 302 296, Geneva Agreement 2006. TV Broadcasting. 2. PMSE: EN 300 422, EN 300 454. ERC/REC 25-10. Audio links. 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03. Within the band 470-789 MHz on a tuning range basis. 4. Terrestrial systems capable of providing wireless broadband electronic communications services: In accordance to the Decision 2016/687/EU. 5. PPDR: EN 303 505. ECC/DEC/(16)02, ECC/DEC/(16)03. BB-PPDR options in 698-703/753-758 MHz, 703-733/758-788 MHz and 733-736/788-791 MHz
790 - 862 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE 5.312 5.317A 5.316B ECA13	1. Radio microphones and ALD 2. Terrestrial systems capable of providing electronic communication services 3. PPDR	1. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70-03. Within the band 823-832 MHz. 2. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Decision 2010/267/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 3. PPDR: ECC/DEC/(16)02, ECC/REC/(16)03. BB-PPDR options in 698-703/753-758 MHz, 703-733/758-788 MHz and 733-736/788-791MHz.
862 - 870 MHz	MOBILE 5.317A 5.323 ECA13 ECA36	1. Alarms 2. Government use 3. Radio microphones and ALD 4. Tracking, tracing and date acquisition	1. Alarms: EN 300 220, ERC/REC 70-03. Within the band 868.6-869.700 MHz. 2. Government use. 3. Radio microphones and ALD: EN 300 422, EN 301 357, ERC/REC 25-10, ERC/REC 70-03. Within the band 863-865 MHz 4. Tracking, tracing and date acquisition: ERC/REC 70-30. Within the band 865-868.
870-876 MHz	MOBILE 5.317A 5.323 ECA13 ECA36	1. Tracking, tracing and data acquisition 2. Government use	1. Tracking, tracing and data acquisition: EN 303 204. Within the band 870-875.6 MHz for Metropolitan/Rural Area Networks. 2. Government use

Frequency Band	National Allocation	National Usage	Remarks
876-880 MHz	MOBILE 5.317A 5.323 ECA13 ECA36	1. Government use 2. GSM-R	1. Government use 2. GSM-R: EN 301 502, EN 301 511. Within the band 876-880 MHz paired with 921-925 MHz. Railway systems
880-890 MHz	MOBILE 5.317A 5.323 ECA13 ECA29 ECA32	1. MCV 2. Terrestrial systems capable of providing electronic communication services	1. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EE. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01, Within the band 880-915 MHz paired with 925-960 MHz 2. Terrestrial systems capable of providing electronic communication services: EN 301 502, EN 301 511, EN 303 609. In accordance to the Directive 87/372/EEC, the Directive 2009/114/EC, and the Implementing Decision 2022/173/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. Within the band 880-915 MHz paired with 925-960 MHz
890 - 915 MHz	MOBILE 5.317A Radiolocation 5.323 ECA13 ECA14 ECA29 ECA32 ECA36	1. Government use 2. MCV 3. Terrestrial systems capable of providing electronic communication services	1. Government use 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EE. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01, Within the band 880-915 MHz paired with 925-960 MHz 3. Terrestrial systems capable of providing electronic communication services: EN 301 502, EN 301 511, EN 303 609. In accordance to the Directive 87/372/EEC, the Directive 2009/114/EC, and the Implementing Decision 2022/173/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. Within the band 880-915 MHz paired with 925-960 MHz
915-921 MHz	MOBILE 5.317A Radiolocation 5.323 ECA13 ECA14 ECA36	1. Government use 2. Non-specific SRDs 3. RFID	1. Government use 2. Non-specific SRDs: EN 300 220. ERC/REC 70-03. For the band 917.3 – 919.4 see part 1.3 of the NFP. 3. RFID: EN 302 208. ERC/REC 70-03. For the band 916.1 – 918.9 see part 1.3 of the NFP.

Frequency Band	National Allocation	National Usage	Remarks
921-925 MHz	MOBILE 5.317A Radiolocation 5.323 ECA13 ECA14 ECA36	1. GSM-R 2. Government use	1. GSM-R: EN 301 502, EN 301 511. ECC/DEC/(02)05, ECC/REC/(05)08. Within the bands 876-880 MHz paired with 921-925 MHz 2. Government use
925-942 MHz	MOBILE 5.317A Radiolocation 5.323 ECA13 ECA14 ECA29 ECA30 ECA32 ECA36	1. Government use 2. MCV 3. Terrestrial systems capable for providing electronic communication services	1. Government use 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EE. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01, Within the band 880-915 MHz paired with 925-960 MHz 3. Terrestrial systems capable of providing electronic communication services: EN 301 502, EN 301 511, EN 303 609. In accordance to the Directive 87/372/EEC, the Directive 2009/114/EC, and the Implementing Decision 2022/173/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. Within the band 880-915 MHz paired with 925-960 MHz
942 - 960 MHz	MOBILE 5.317A 5.323 ECA13 ECA29 ECA32	1. MCV 2. Terrestrial systems capable of providing electronic communication services	1. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. Within the band 880-915 MHz paired with 925-960 MHz 2. Terrestrial systems capable of providing electronic communication services: EN 301 502, EN 301 511, EN 303 609. In accordance to the Directive 87/372/EEC, the Directive 2009/114/EC, and the Implementing Decision 2022/173/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. Within the band 880-915 MHz paired with 925-960 MHz.
960 - 1164 MHz	AERONAUTICAL MOBILE (R) 5327A AERONAUTICAL MOBILE - SATELLITE (R) AERONAUTICAL RADIONAVIGATION 5.328 5.328AA ECA36	1. Aeronautical 2. Government use	1. Aeronautical: Including DME and SSR. 2. Government use

Frequency Band	National Allocation	National Usage	Remarks
1164 - 1215 MHz	AERONAUTICAL RADIONAVIGATION 5.328 RADIONAVIGATION – SATELLITE (SPACE-TO-EARTH) (SPACE-TO-SPACE) 5.328B 5.328A ECA36	1. Aeronautical navigation 2. GALILEO 3. GLONASS 4. GNSS Repeater 5. Government use	1. Aeronautical navigation 2. GALILEO: EN 303 413. Within the band 1164-1214 MHz. 3. GLONASS: EN 303 413. Within the band 1190.3-1213.8 MHz. 4. GNSS Repeater: EN 302 645, ECC/REC/(10)02. Within the band 1164-1300 MHz. 5. Government use
1215 - 1240 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) RADIOLOCATION RADIONAVIGATION-SATELLITE (SPACE-TO-EARTH) (SPACE-TO-SPACE) 5.328B 5.329 5.329A SPACE RESEARCH (ACTIVE) 5.331 5.332 ECA36	1. Active sensors (satellite) 2. GLONASS 3. GNSS Repeater 4. GPS 5. Government use 6. Radiolocation (civil)	1. Active sensors (satellite): 2. GLONASS: EN 303 413. Within the band 1237.8-1253.8 MHz. 3. GNSS Repeater: EN 302 645, ECC/REC/(10)02. Within the band 1164-1300 MHz. 4. GPS: EN 303 413, Within the band 1215.6-1239.6 MHz. 5. Government use 6. Radiolocation (civil): Radar and Navigation systems.
1240 - 1300MHz	EARTH EXPLORATION- SATELLITE (ACTIVE) RADIOLOCATION RADIONAVIGATION- SATELLITE (SPACE-TO-EARTH) (SPACE-TO-SPACE) 5.329 5.329A 5.328B SPACE RESEARCH (ACTIVE) Amateur Amateur-Satellite 5.282 5.331 5.332 5.335A ECA36	1. Active sensors (satellite) 2. Amateur 3. Amateur-satellite 4. GALILEO 5. GLONASS 6. GNSS Repeater 7. Government use 8. Radiolocation (civil) 9. Wind profilers	1. Active sensors (satellite) 2. Amateur: EN 301 783. 3. Amateur-satellite. Within the band 1260-1270 MHz 4. GALILEO: EN 303 413. Within the band 1260-1300 MHz 5. GLONASS: EN 303 413. Within the band 1237.8-1253.8 MHz. 6. GNSS Repeater: EN 302 645, ECC/REC/(10)02. Within the band 1164-1300 MHz. 7. Government use 8. Radiolocation (civil): Radar and Navigation systems 9. Wind profilers: Within the band 1270-1295 MHz.

Frequency Band	National Allocation	National Usage	Remarks
1300 - 1350 MHz	AERONAUTICAL RADIONAVIGATION 5.337 RADIOLOCATION RADIONAVIGATION-SATELLITE (EARTH-TO-SPACE) 5.149 5.337A ECA36	1. Government use 2. Radio astronomy 3. Radiolocation (civil) 4. Satellite Navigation Systems	1. Government use 2. Radio astronomy: Continuum and spectral line observations (e.g. neutral hydrogen line). VLBI 3. Radiolocation (civil): Radar and Navigation systems 4. Satellite Navigation Systems
1350 - 1400 MHz	FIXED MOBILE RADIOLOCATION 5.149 5.338A 5.339 ECA36	1. Fixed 2. Government use 3. Radio astronomy 4. Radio microphones and ALD	1. Fixed: EN 302 217, T/R 13-01. Low capacity fixed links. 2. Government use 3. Radio astronomy: Continuum and spectral line observations (e.g. neutral hydrogen line). VLBI 4. Radio microphones and ALD: EN 300 422. ERC/REC 25-10, ERC/REC 70-03
1400 - 1427 MHz	EARTH EXPLORATION-SATELLITE (PASSIVE). RADIO ASTRONOMY SPACE RESEARCH (PASSIVE). 5.340 5.341	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): ECC/DEC/(11)01. Measurement of soil moisture, salinity, ocean surface temperature, vegetation index. 2. Radio astronomy: Continuum and spectral line observations (e.g. neutral hydrogen line). VLBI
1427 - 1429 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE SPACE OPERATION (EARTH-TO-SPACE) 5.338A 5.341 ECA36	1. Fixed 2. Government use 3. Terrestrial systems capable of providing electronic communication services	1. Fixed: EN 302 217, T/R 13-01. Law capacity fixed links. 2. Government use 3. Terrestrial systems capable of providing electronic communication services: EN 301 908, in accordance to the Implementing Decision 2018/661/EU
1429 - 1452 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.338A 5.341 ECA36	1. Fixed 2. Government use 3. Terrestrial systems capable of providing electronic communication services	1. Fixed: EN 302 217, T/R 13-01. Low capacity fixed links. 2. Government use 3. Terrestrial systems capable of providing electronic communication services: EN 301 908, in accordance to the Implementing Decision 2018/661/EU

Frequency Band	National Allocation	National Usage	Remarks
1452 - 1492 MHz	BROADCASTING MOBILE EXCEPT AERONAUTICAL MOBILE Fixed 5.341 5.342 5.345	1. Terrestrial systems capable of providing electronic communication services 2. T-DAB	1. Terrestrial systems capable of providing electronic communication services: EN 301 908, in accordance to the Implementing Decision 2018/661/EU 2. T-DAB: EN 302 077, Within the band 1452.0-1479.5 MHz. Maastricht 2002 Special Arrangement, as revised in Constanta, 2007.
1492 - 1518 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.341 ECA36	1. Fixed 2. Government use 3. Radio microphones and ALD 4. Terrestrial systems capable of providing electronic communication services	1. Fixed: EN 302 217, T/R 13-01. Low capacity fixed links. 2. Government use 3. Radio microphones and ALD: EN 300 422, ERC/REC 70-03. On a tuning range basis. 4. Terrestrial systems capable of providing electronic communication services: EN 301 908, in accordance to the Implementing Decision 2018/661/EU within the band 1492 – 1517 MHz
1518 - 1525 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE MOBILE-SATELLITE (SPACE-TO-EARTH) 5.348 5.348A 5.348B 5.351A 5.341 ECA36 ECA15	1. Fixed 2. Government use 3. IMT-2000 satellite component 4. MSS Earth stations 5. Radio microphones and ALD	1. Fixed: EN 302, 217. Unidirectional fixed links. 2. Government use 3. IMT-2000 satellite component 4. MSS Earth stations: EN 301 444, EN 301 473, EN 301 681, ECC/DEC/(04)09. 5. Radio microphones and ALD: EN 300 422, ERC/REC 25-10. ERC/REC 70-03. On a tuning range basis
1525 - 1530 MHz	FIXED MOBILE-SATELLITE (SPACE-TO-EARTH) 5.208B 5.351A SPACE OPERATION (SPACE-TO-EARTH) 5.341 5.351 5.354	1. Fixed 2. IMT-2000 satellite component 3. MSS Earth stations	1. Fixed: EN 302 217. Unidirectional fixed links. 2. IMT-2000 satellite component 3. MSS Earth stations: EN 301 426, EN 301 444, EN 301 473, EN 301 681.

Frequency Band	National Allocation	National Usage	Remarks
1530 - 1535 MHz	MOBILE-SATELLITE (SPACE-TO-EARTH) 5.208B 5.351A 5.353A SPACE OPERATION (SPACE-TO-EARTH) Earth Exploration-Satellite Fixed Mobile except aeronautical mobile 5.341 5.351 5.354	1. IMT-2000 satellite component 2. MSS Earth stations	1. IMT-2000 satellite component 2. MSS Earth stations: EN 301 426, EN 301 444, EN 301 473, EN 301 681. Priority for GMDSS Distress, urgency and safety and for AMS(R)S categories 1 to 6 communications.
1535 - 1559 MHz	MOBILE-SATELLITE (SPACE-TO-EARTH) 5.208B 5.351A 5.341 5.351 5.353A 5.354 5.356 5.357 5.357A 5.359	1. IMT-2000 satellite component 2. MSS Earth stations	1. IMT-2000 satellite component 2. MSS Earth stations: EN 301 426, EN 301 444, EN 301 473, EN 301 681. Priority for GMDSS Distress, urgency and safety and for AMS(R)S categories 1 to 6 communications whitin the band 1544-1545 MHz.
1559 - 1610 MHz	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (SPACE-TO-EARTH) 5.208B RADIONAVIGATION-SATELLITE (SPACE-TO-SPACE) 5.328B 5.329A 5.341	1. GALILEO 2. GLONASS 3. GNSS Pseudolites 4. GNSS Repeater 5. GPS	1. GALILEO: EN 303 413. Within the band 1559.42-1591.42 MHz 2. GLONASS: EN 303 413. Within the band 1592.9-1610.5 MHz 3. GNSS Pseudolites: ECC/REC/(11)08 4. GNSS Repeater: EN 302 645, ECC/REC/(10)02. 5. GPS: EN 303 413. Within the band 1563.42-1587.42 MHz

Frequency Band	National Allocation	National Usage	Remarks
1610 - 1610.6 MHz	AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (EARTH-TO-SPACE) 5.351A 5.341 5.359 5.364 5.366 5.367 5.368 5.371 5.372	1. GLONASS 2. IMT-2000 satellite component 3. MSS Earth stations	1.GLONASS: Within the band 1592.9-1610.5 MHz 2. IMT-2000 satellite component. 3. MSS Earth stations: EN 301 441, EN 301 473, ECC/DEC/(09)02.
1610.6 - 1613.8 MHz	AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (EARTH-TO-SPACE) 5.351A RADIO ASTRONOMY 5.149 5.341 5.359 5.364 5.366 5.367 5.368 5.371 5.372	1. IMT-2000 Satellite component 2. MSS Earth stations 3. Radio astronomy	1. IMT-2000 Satellite component 2. MSS Earth stations: EN 301 441, EN 473, ECC/DEC/(09)02. 3. Radio astronomy: Spectral line observations (e.g. hydroxyl line). VLBI

Frequency Band	National Allocation	National Usage	Remarks
1613.8 - 1626.5 MHz	AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (EARTH-TO-SPACE) 5.351A Mobile-satellite (space-to-Earth) 5.208B 5.341 5.359 5.364 5.365 5.366 5.367 5.368 5.371 5.372	1. IMT-2000 Satellite component 2. MSS Earth stations	1. IMT-2000 Satellite component 2. MSS Earth stations: EN 301 426, EN 301 441, EN 301 473, ECC/DEC/(09)02, ECC/DEC/(09)04.
1626.5 - 1660 MHz	MOBILE- SATELLITE (EARTH-TO-SPACE) 5.351A 5.341 5.351 5.353A 5.354 5.359	1. IMT-2000 Satellite component 2. MSS Earth stations 3. ALS	1. IMT-2000 Satellite component2. MSS Earth stations: EN 301 426, EN 301 473, EN 301 681. Priority for GMDSS Distress, urgency and safety and for AMS(R)S categories 1 to 6 communications within the band 1645.5-1646.5 MHz. 3. ALS: EN 300 422, ERC/REC 70-03. Within 1656.5-1660.5 MHz
1660 - 1660.5 MHz	MOBILE-SATELLITE (EARTH-TO-SPACE) 5.351A RADIO ASTRONOMY 5.149 5.341 5.351 5.354 5.376A	1. IMT-2000 Satellite component 2. MSS Earth stations 3. Radio astronomy 4. ALS	1. IMT-2000 Satellite component 2. MSS Earth stations: EN 301 426, EN 301 444, EN 301 473, EN 301 681. 3. Radio astronomy: Continuum and spectral line and observations (e.g hydroxyl line), VLBI. 4. ALS: EN 300 422, ERC/REC 70-03. Within 1656.5-1660.5 MHz.

Frequency Band	National Allocation	National Usage	Remarks
1660.5 – 1668 MHz	RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379A	1. Radio astronomy	1. Radio astronomy: Continuum and line observations (e.g. hydroxyl line), VLBI
1668 – 1668.4 MHz	MOBILE- SATELLITE (EARTH-TO-SPACE) 5.351A 5.379B 5.379C RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379A	1. IMT-2000 Satellite component 2. Radio astronomy	1. IMT-2000 Satellite component: EN 301 473. 2. Radio astronomy: Continuum and spectral line observations (e.g. hydroxyl), VLBI
1668.4 - 1670 MHz	FIXED METEOROLOGICAL AIDS MOBILE EXCEPT AERONAUTICAL MOBILE MOBILE- SATELLITE (EARTH-TO-SPACE) 5.351A 5.379B 5.379C RADIO ASTRONOMY 5.149 5.341 5.379D 5.379E	1. IMT-2000 Satellite component 2. Meteorology 3. Radio astronomy	1. IMT-2000 Satellite component: EN 301 473 2. Meteorology: EN 302 454 3. Radio astronomy: Continuum and spectral line observations (e.g. hydroxyl), VLBI

Frequency Band	National Allocation	National Usage	Remarks
1670 - 1675 MHz	METEOROLOGICAL AIDS METEOROLOGICAL SATELLITE (SPACE-TO-EARTH) MOBILE MOBILE- SATELLITE (EARTH-TO-SPACE) 5.351A 5.379B Fixed 5.341 5.379D 5.379E 5.380A	1. IMT-2000 satellite componentt 2. MSS Earth stations 3. Meteorology 4. Weather satellites	1. IMT-2000 satellite componentt 2. MSS Earth stations: EN 301 444, EN 301 473, EN 301 681, ECC/DEC/(04)09. 3. Meteorology: EN 302 454. 4. Weather satellites
1675 - 1690 MHz	FIXED METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (SPACE-TO-EARTH) MOBILE EXCEPT AERONAUTICAL MOBILE 5.341 ECA36	1. Government use 2. Sondes 3. Weather satellites	1. Government use 2. Sondes: EN 302 454, Meteorological radiosondes. 3. Weather satellites: Date collection platform.
1690 - 1700 MHz	METEOROLOGICAL AIDS METEOROLOGICAL SATELLITE (SPACE-TO-EARTH) Fixed Mobile except aeronautical mobile 5.289 5.341 ECA36	1. Government use 2. Weather satellites	1. Government use 2. Weather satellites: Data collection platform. Allocation to EESS is via RR 5.289
1700 - 1710 MHz	FIXED METEOROLOGICAL SATELLITE (SPACE-TO-EARTH) Mobile except aeronautical mobile 5.289 5.341 ECA36	1. Government use 2. Weather satellites	1. Government use 2. Weather satellites: Data collection platform. Allocation to EESS is via RR 5.289

Frequency Band	National Allocation	National Usage	Remarks
1710 - 1785 MHz	FIXED MOBILE 5.384A 5.149 5.341 5.385 ECA29	1. MCA 2. MCV 3. Radio astronomy 4. Terrestrial systems capable of providing electronic communication services	1. MCA: EN 302 480. In accordance to the Decision 2008/294/EC, the Implementing Decision 2013/654/EU, the Implementing Decision 2016/2317/EU and the Implementing Decision 2022/2324/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 3. Radio astronomy: Spectral line observations (e.g. hydroxyl line). 4. Terrestrial systems capable of providing electronic communication services: EN 301 502, EN 301 511, EN 301 908, EN 303 609, In accordance to the Implementing Decision 2022/173/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
1785 – 1800 MHz	FIXED MOBILE ECA36	1. Government use 2. Land mobile 3. Radio microphones and ALD.	1. Government use 2. Land mobile: Mobile applications. 3. Radio microphones and ALD: EN 300 422, ERC/REC 25-10, ERC/REC 70 – 03. Within the band 1785-1804.8 MHz.
1800 - 1805 MHz	MOBILE Fixed ECA36	1. Government use 2. Radio microphones and ALD	1. Government use 2.Radio microphones and ALD:: EN 300 422, ERC/REC 25-10, ERC/REC 70 – 03. Within the band 1785-1804.8 MHz.
1805 - 1880 MHz	FIXED MOBILE 5.384A ECA29	1. MCA 2. MCV 3. Terrestrial systems capable of providing electronic communication services	1. MCA: EN 302 480 In accordance to the Decision 2008/294/EC, the Implementing Decision 2013/654/EU, the Implementing Decision 2016/2317/EU and the Implementing Decision 2022/2324/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 3. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Implementing Decision 2022/173/EU. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
1880 - 1885 MHz	MOBILE 5.384A Fixed	1. DECT	1. DECT: EN 300 700, EN 301 406, EN 301 908, ERC/DEC/(94)03.

Frequency Band	National Allocation	National Usage	Remarks
1885 - 1900 MHz	MOBILE 5.388A Fixed 5.388	1. DECT	1. DECT: EN 300 700, EN 301 406, EN 301 908, ERC/DEC/(94)03.
1900 - 1930 MHz	MOBILE 5.388A FIXED 5.388 ECA29 ECA38	1. MCA 2. MCV 3. Terrestrial systems capable of providing electronic communication services	1. MCA: In accordance to the Decision 2008/294/EC, the Implementing Decision 2013/654/EU, the Implementing Decision 2016/2317/EU and the Implementing Decision 2022/2324/EU for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 3. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Implementing Decision 2012/688/EU and the Implementing Decision 2020/667/EU, for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
1930 - 1970 MHz	MOBILE 5.388A FIXED 5.388 ECA29 ECA38	1. MCA 2. MCV 3. Terrestrial systems capable of providing electronic communication services	1. MCA: In accordance to the Decision 2008/294/EC, the Implementing Decision 2013/654/EU, the Implementing Decision 2016/2317/EU and the Implementing Decision 2022/2324/EU for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 3. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Implementing Decision 2012/688/EU and the Implementing Decision 2020/667/EU for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.

Frequency Band	National Allocation	National Usage	Remarks
1970 - 1980 MHz	MOBILE 5.388A FIXED 5.388 ECA29 ECA38	1. MCA 2. MCV 3. Terrestrial systems capable of providing electronic communication services	1. MCA: In accordance to the Decision 2008/294/EC, the Implementing Decision 2013/654/EU, the Implementing Decision 2016/2317/EU and the Implementing Decision 2022/2324/EU for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 3. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Implementing Decision 2012/688/EU and the Implementing Decision 2020/667/EU for the radiofrequency band 1920-1980 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
1980 - 2010 MHz	MOBILE MOBILE-SATELLITE (EARTH-TO-SPACE) 5.351A 5.388 5.389A	1. MSS Earth stations	1. MSS Earth stations: EN 301 442, EN 301 473, EN 302 574. In accordance to the Decision 2007/98/EC. The mobile satellite systems using this band may incorporate a complementary Ground Component (CGC). The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
2010 - 2025 MHz	MOBILE FIXED	1. PMSE	1. PMSE: EN 302 064. In accordance to the Implementing Decision 2016/339/EU.
2025 - 2110 MHz	EARTH EXPLORATION SATELLITE (EARTH-TO-SPACE) (SPACE-TO-SPACE) FIXED MOBILE 5.391 SPACE OPERATION (EARTH-TO-SPACE) (SPACE-TO-SPACE) SPACE RESEARCH (EARTH-TO-SPACE) (SPACE-TO-SPACE) 5.392 ECA16A ECA36	1. Fixed 2. Government use 3. PMSE 4. Space research	1. Fixed: EN 302 217, T/R 13-01. 2. Government use 3. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video and cordless cameras. 4. Space research: Satellite payload and platform telecommand.

Frequency Band	National Allocation	National Usage	Remarks
2110 - 2120 MHz	MOBILE 5.388A SPACE RESEARCH (DEEP SPACE) (EARTH-TO-SPACE) Fixed 5.388 ECA29	1. MCA 2. MCV 3. Terrestrial systems capable of providing electronic communication services	1. MCA: In accordance to the Decision 2008/294/EC, the Implementing Decision 2013/654/EU, and the Implementing Decision 2016/2317/EU and the Implementing Decision 2022/2324/EU for the radiofrequency band 2110-2170 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 2110-2170 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 3. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Implementing Decision 2012/688/EU and the Implementing Decision 2020/667/EU for the radiofrequency band 2110-2170 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
2120 - 2170 MHz	MOBILE 5.388A Fixed 5.388 ECA29	1. MCA 2. MCV 3. Terrestrial systems capable of providing electronic communication services	1. MCA: In accordance to the Decision 2008/294/EC, the Implementing Decision 2013/654/EU, the Implementing Decision 2016/2317/EU and the Implementing Decision 2022/2324/EU for the radiofrequency band 2110-2170 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 2110-2170 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 3. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Implementing Decision 2012/688/EU and the Implementing Decision 2020/667/EU for the radiofrequency band 2110-2170 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
2170 - 2200 MHz	MOBILE MOBILE-SATELLITE (SPACE-TO-EARTH) 5.351A 5.388 5.389A	1. MSS Earth stations	1. MSS Earth stations: EN 301 442, EN 301 473, EN 302 574. In accordance to the Decision 2007/98/EC. The mobile satellite systems using this band may incorporate a complementary Ground Component (CGC). The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.

Frequency Band	National Allocation	National Usage	Remarks
2200 - 2290 MHz	EARTH EXPLORATION-SATELLITE (SPACE-TO-EARTH) (SPACE-TO-SPACE) FIXED MOBILE 5.391 SPACE OPERATION (SPACE-TO-EARTH) (SPACE-TO-SPACE) SPACE RESEARCH (SPACE-TO-EARTH) (SPACE-TO-SPACE) 5.392 ECA16A ECA36	1. Fixed 2. Government use 3. PMSE 4. Radio astronomy 5. Space research	1. Fixed: EN 302 217, T/R 13-01. 2. Government use 3. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video and cordless cameras. 4. Radio astronomy: Continuum observations, VLBI (used by SRS) 5. Space research: ECC/REC/(10)01. EESS Satellite payload and platform telemetry.
2290 - 2300 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE SPACE RESEARCH (DEEP SPACE) (SPACE-TO-EARTH)	1. Land mobile. 2. Space research 3. PMSE	1. Land mobile: Mobile applications. 2. Space research: Satellite payload and platform telemetry for space research (deep space). Continuum observations, VLBI (used by SRS). 3. PMSE: EN 302 364, ERC/REC 25-10. Portable or mobile wireless video and cordless cameras
2300 - 2400 MHz	FIXED MOBILE 5.384A Amateur Radiolocation ECA36	1. Aeronautical telemetry 2. Amateur 3. Government use 4. PMSE	1. Aeronautical telemetry: ERC/REC 62-02. Parts of the band are used for aeronautical telemetry on a national basis. 2. Amateur: EN 301 783. Within the band 2300-2450 MHz. 3. Government use 4. PMSE: EN 302 064, ECC/REC/(15)04, ERC/REC 25-10. Portable or mobile wireless video and cordless cameras.
2400 - 2450 MHz	FIXED MOBILE Amateur Amateur-Satellite Radiolocation 5.150 5.282	1. Amateur 2. Amateur-Satellite 3. ISM 4. PMSE	1. Amateur: EN 301 783. Within the band 2300-2450 MHz. 2. Amateur-Satellite: 3. ISM 4. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video and cordless cameras.
2450 - 2483.5 MHz	FIXED MOBILE 5.150	1. ISM 2. PMSE	1. ISM 2. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video and cordless cameras.

Frequency Band	National Allocation	National Usage	Remarks
2483.5 - 2500 MHz	FIXED MOBILE MOBILE- SATELLITE (SPACE-TO-EARTH) 5.351A 5.150 5.399 5.402	1. IMT-2000 satellite component 2. ISM 3. Land mobile 4. MBANS 5. MSS Earth stations 6. PMSE	1. IMT-2000 satellite component 2. ISM 3. Land mobile: Mobile applications. 4. MBANS: ERC/REC 70-03, EN 303 203. 5. MSS Earth stations: EN 301 441, EN 301 473, ECC/DEC/(09)02, The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 6. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video and cordless cameras.
2500 - 2520 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.384A	1. MCV 2.Terrestrial systems capable of providing electronic communication services	1. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 2500-2690 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Decision 2008/477/EC and the Implementing Decision 2020/636/EU, for the radiofrequency band 2500-2690 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
2520 - 2655 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.384A 5.339 5.418B 5.418C ECA16 ECA38	1. MCV 2. Terrestrial systems capable of providing electronic communication services	1. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 2500-2690 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Decision 2008/477/EC and the Implementing Decision 2020/636/EU, for the radiofrequency band 2500-2690 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.

Frequency Band	National Allocation	National Usage	Remarks
2655 - 2670 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.384A Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 5.149 5.208B ECA16	1. MCV 2. Radio astronomy 3. Terrestrial systems capable of providing electronic communication services	1. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 2500-2690 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. Radio astronomy: Continuum observations, VLBI 3. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Decision 2008/477/EC and the Implementing Decision 2020/636/EU, for the radiofrequency band 2500-2690 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
2670 - 2690 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.384A Radio Astronomy 5.149	1. MCV 2. Radio astronomy 3. Terrestrial systems capable of providing electronic communication services	1. MCV: In accordance to the Decision 2010/166/EU and the Implementing Decision 2017/191/EU for the radiofrequency band 2500-2690 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01. 2. Radio astronomy: Continuum observations, VLBI. 3. Terrestrial systems capable of providing electronic communication services: EN 301 908. In accordance to the Decision 2008/477/EC and the Implementing Decision 2020/636/EU, for the radiofrequency band 2500-2690 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
2690 - 2700 MHz	EARTH EXPLORATION - SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite). 2. Radio astronomy	1. Passive sensors (satellite). 2. Radio astronomy: Continuum observations, VLBI.
2700 - 2900 MHz	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation 5.423 ECA36	1. Aeronautical navigation 2. Government Use 3. Radiolocation (civil) 4. Weather radar 5. PMSE	1. Aeronautical navigation: ECC/REC/(02)09. Radar and navigation systems. 2. Government Use 3. Radiolocation (civil) 4. Weather radar 5. PMSE: EN 302 604, ERC/REC 25-10. Portable or mobile wireless video and cordless cameras.

Frequency Band	National Allocation	National Usage	Remarks
2900 - 3100 MHz	RADIOLOCATION 5.424A RADIONAVIGATION 5.426 5.425 5.427 ECA36	1. Government Use 2. Radiolocation (civil)	1. Government Use 2. Radiolocation (civil): EN 302 248, EN 302 752. Radar and navigation systems.
3100 - 3300 MHz	RADIOLOCATION Earth Exploration-Satellite (active) Space Research (active) 5.149 ECA36	1. Active sensors (satellite) 2. Government Use 3. Radio astronomy 4. Radiolocation (civil)	1. Active sensors (satellite) 2. Government Use 3. Radio astronomy: Spectral line observations (e.g. methine line). 4. Radiolocation (civil): Radars.
3300 - 3400 MHz	RADIOLOCATION 5.149 ECA36	1. Government Use 2. Radio astronomy 3. Radiolocation (civil)	1. Government Use 2. Radio astronomy: Spectral line observations (e.g. methine line). 3. Radiolocation (civil): Upper limit airborne radars 3410 MHz.
3400 - 3600 MHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE EXCEPT AERONAUTICAL MOBILE 5.430A Amateur Radiolocation ECA36	1. Amateur 2. FSS Earth stations 3. Government use 4. PMSE 5. Radiolocation (civil) 6. Terrestrial systems capable of providing electronic communication services	1. Amateur: EN 301 783. Within the band 3400-3410 MHz. 2. FSS Earth stations: EN 301 443. 3. Government use 4. PMSE: EN 302 064. For coordinated Wireless Video Links applications for occasional use. In same countries the mobile service may be on secondary basis. 5. Radiolocation (civil): Upper limit for airborne radars is 3410 MHz. 6 Terrestrial systems capable of providing electronic communication services In accordance to the Decision 2008/411/EC, the Implementing Decision 2014/276/EU and the Implementing Decision 2019/235/EU for the radiofrequency band 3400-3800 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.

Frequency Band	National Allocation	National Usage	Remarks
3600 - 4200 MHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE ECA37	1. ESV 2. FSS Earth stations 3. Fixed 4. Terrestrial systems capable of providing electronic communication services	1. ESV: EN 301 447, ECC/DEC/(05)09. Within the band 3700-4200 MHz. 2. FSS Earth stations: EN 301 443. Priority for civil networks. 3. Fixed: EN 302 217, ERC/REC 12-08. Medium/high capacity fixed. 4. Terrestrial systems capable of providing electronic communication services: In accordance to the Decision 2008/411/EC, the Implementing Decision 2014/276/EU and the Implementing Decision 2019/235/EU for the radiofrequency band 3400-3800 MHz. The terminal mobile radioequipment in accordance to the ECC/DEC/(12)01.
4200 - 4400 MHz	AERONAUTICAL MOBILE (R) 5.436 AERONAUTICAL RADIONAVIGATION 5.438 5.437 5.440 ECA36	1. Altimeters 2. Government use 3. Passive sensors (satellite) 4. WAIC	1. Altimeters 2. Government use 3. Passive sensors (satellite): For sea surface temperature measurements. 4. WAIC
4400 - 4500 MHz	FIXED MOBILE ECA20 ECA36	1. Government use 2. PMSE	1. Government use 2. PMSE: EN 302 064. Mobile applications for coordinated Wireless Video Links applications for occasional use.
4500 - 4800 MHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) 5.441 MOBILE ECA20 ECA36	1. FSS Earth stations 2. Government use 3. PMSE 4. Radiodetermination applications	1. FSS Earth stations: Fixed-Satellite frequency plan in 4500-4800 MHz. 2. Government use 3. PMSE: EN 302 064. Mobile applications for coordinated Wireless Video Links applications for occasional use. 4. Radiodetermination applications: EN 302 372, ERC/REC 70-03. Within the band 4500-7000 for TLPR applications.

Frequency Band	National Allocation	National Usage	Remarks
4800 - 4990 MHz	FIXED MOBILE 5.442 5.440A 5.441A 5.441B Radio Astronomy 5.149 5.339 ECA20 ECA36	1. BBDR 2. Government use 3. Radiodetermination applications 4. PMSE 5. Passive sensors (satellite) 6. Radio astronomy	1. BBDR: EN 302 625, ECC/REC/(08)04. Within the band 4940-4990 MHz. Optimal band for BBDR within the PPDR uses 2. Government use 3. Radiodetermination applications: EN 302 372, ERC/REC 70-03. Within the band 4500-7000 MHz for TLPR application. 4. PMSE: EN 302 064. Mobile applications for coordinated Wireless Video Links applications for occasional use. 5. Passive sensors (satellite). Space Research and EESS (passive) above 4950 MHz in same countries. 6. Radio astronomy: Continuum and spectral line observations, (e.g. formaldehyde line), VLBI.
4990 - 5000 MHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE RADIO ASTRONOMY 5.149 ECA20 ECA36	1. Government use 2. PMSE 3. Radio astronomy 4. Radiodetermination applications	1. Government use 2. PMSE: Mobile applications for coordinated Wireless Video Links applications for occasional use. 3. Radio astronomy: Continuum observations, VLBI. 4. Radiodetermination applications: EN 302 372, ERC/REC 70-03. Within the band 4500-7000 MHz for TLPR application.
5000 - 5010 MHz	AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (EARTH-TO-SPACE) Radio Astronomy Space Research (passive)	1. GALILEO 2. Radio astronomy 3. Satellite navigation systems 4. Radiodetermination applications	1. GALILEO: For future use by Galileo. 2. Radio astronomy: Continuum observations, VLBI. 3. Satellite navigation systems: Aeronautical Radionavigation and FSS envisaged in some countries. 4. Radiodetermination applications: EN 302 372, ERC/REC 70-03. Within the band 4500-7000 MHz for TLPR application.

Frequency Band	National Allocation	National Usage	Remarks
5010 - 5030 MHz	AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION RADIONAVIGATION SATELLITE (SPACE-TO-EARTH) (SPACE-TO-SPACE) 5.443B 5.328B Radio Astronomy Space Research (passive)	1. GALILEO 2. Radio astronomy 3. Satellite navigation systems 4. Radiodetermination applications	1. GALILEO: C1. 2. Radio astronomy: Continuum observations, VLBI. 3. Satellite navigation systems: Aeronautical Radionavigation and FSS envisaged in some countries. 4. Radiodetermination applications: EN 302 372, ERC/REC 70-03. Within the band 4500-7000 MHz for TLPR application.
5030 - 5091 MHz	AERONAUTICAL MOBILE (R) 5.443C AERONAUTICAL MOBILE-SATELLITE (R) 5.443D AERONAUTICAL RADIONAVIGATION 5.444	1. MLS 2. Radiodetermination applications	1. MLS 2. Radiodetermination applications: EN 302 372, ERC/REC 70-03. Within the band 4500-7000 MHz for TLPR application.
5091 - 5150 MHz	AERONAUTICAL MOBILE (R) 5.444B AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (EARTH-TO-SPACE) 5.444A 5.444	1. Radiodetermination applications	1. Radiodetermination applications: EN 302 372, ERC/REC 70-03. Within the band 4500-7000 MHz for TLPR application.

Frequency Band	National Allocation	National Usage	Remarks
5150 - 5250 MHz	AERONAUTICAL RADIONAVIGATION FIXED- SATELLITE (EARTH-TO-SPACE) 5.447A MOBILE EXCEPT AERONAUTICAL MOBILE 5.446A 5.446B 5.446 5.446C 5.447 5.447B 5.447C	1. Aeronautical telemetry 2. BBDR 3. Feeder links 4. Radiodetermination applications 5. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN)	1. Aeronautical telemetry 2. BBDR:EN 302 625, ECC/REC/(08)04. Temporary use by PPDR users. 3. Feeder links: Feeder links for MSS. Aeronautical Radionavigation and FSS envisaged in some countries. 4. Radiodetermination applications: EN 302 372, Within the band 4500-7000 MHz for TLPR application. 5. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN): EN 301 893. In accordance to the Implementing Decision 2022/179/EU and the Implementing Decision 2022/2307/EU within the bands 5150-5250 MHz, 5250-5350 MHz and 5470-5725 MHz.
5250 - 5255 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) MOBILE EXCEPT AEERONAUTICAL MOBILE 5.446A 5.447F RADIOLOCATION SPACE RESEARCH 5.447D 5.448A ECA22 ECA36	1. Active sensors (satellite) 2. Government use 3. Maritime radar 4. Weather radar 5. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN)	1. Active sensors (satellite): 2. Government use 3. Maritime radar: Shipborne and VTS radar. 4. Weather radar: Ground based and airborne 5. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN): EN 301 893. In accordance to the Implementing Decision 2022/179/EU and the Implementing Decision 2022/2307/EU within the bands 5150-5250 MHz, 5250-5350 MHz and 5470-5725 MHz.
5255 - 5350 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) MOBILE EXCEPT AERONAUTICAL MOBILE 5.446A 5.447F RADIOLOCATION SPACE RESEARCH (ACTIVE) 5.448A ECA22 ECA36	1. Active sensors (satellite) 2. Government use 3. Maritime radar 4. Weather radar 5. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN)	1. Active sensors (satellite): 2. Government use 3. Maritime radar: Shipborne and VTS radar. 4. Weather radar: Ground based and airborne 5. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN): EN 301 893. In accordance to the Implementing Decision 2022/179/EU and the Implementing Decision 2022/2307/EU within the bands 5150-5250 MHz, 5250-5350 MHz and 5470-5725 MHz.

Frequency Band	National Allocation	National Usage	Remarks
5350 - 5460 MHz	AERONAUTICAL RADIONAVIGATION 5.449 EARTH EXPLORATION-SATELLITE (ACTIVE) 5.448B RADIOLOCATION 5.448D SPACE RESEARCH (ACTIVE) 5.448C ECA22 ECA36	1. Active sensors (satellite) 2. Government use 3. Maritime radar 4. Weather radar	1. Active sensors (satellite): 2. Government use 3. Maritime radar: Shipborne and VTS radar. 4. Weather radar: Ground based and airborne
5460 - 5470 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) RADIOLOCATION 5.448D RADIONAVIGATION 5.449 SPACE RESEARCH (ACTIVE) 5.448B ECA22 ECA36	1. Active sensors (satellite) 2. Government use 3. Maritime radar 4. Weather radar	1. Active sensors (satellite): 2. Government use 3. Maritime radar: Shipborne and VTS radar. 4. Weather radar: Ground based and airborne
5470 - 5570 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) MARITIME RADIONAVIGATION MOBILE EXCEPT AERONAUTICAL MOBILE 5.446A 5.450A RADIOLOCATION 5.450B SPACE RESEARCH (ACTIVE) 5.448B ECA22 ECA36	1. Active sensors (satellite) 2. Government use 3. Maritime radar 4. Weather radar 5. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN)	1. Active sensors (satellite): 2. Government use 3. Maritime radar: Shipborne and VTS radar. 4. Weather radar: Ground based and airborne 5. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN): EN 301 893. In accordance to the Implementing Decision 2022/179/EU and the Implementing Decision 2022/2307/EU within the bands 5150-5250 MHz, 5250-5350 MHz and 5470-5725 MHz.

Frequency Band	National Allocation	National Usage	Remarks
5570 – 5650 MHz	MARITIME RADIONAVIGATION MOBILE EXCEPT AERONAUTICAL MOBILE 5.446A 5.450A RADIOLOCATION 5.450B 5.452 ECA22 ECA36	1. Government use 2. Maritime radar 3. Weather radar 4. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN)	1. Government use 2. Maritime radar: Shipborne and VTS radar. 3. Weather radar: Ground based and airborne 4. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN): EN 301 893. In accordance to the Implementing Decision 2022/179/EU and the Implementing Decision 2022/2307/EU within the bands 5150-5250 MHz, 5250-5350 MHz and 5470-5725 MHz.
5650 - 5725 MHz	MOBILE EXCEPT AERONAUTICAL MOBILE 5.446A 5.450A RADIOLOCATION Amateur Amateur-Satellite (Earth-to-space) 5.282 ECA22 ECA23 ECA36	1. Amateur 2. Amateur-satellite 3. Government use 4. Maritime radar 5. Weather radar 6. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN)	1. Amateur: EN 301 783. Within the band 5650-5850 MHz. 2. Amateur-satellite: Within the band 5660-5670 MHz. 3. Government use 4. Maritime radar: Shipborne and VTS radar. 5. Weather radar: Ground based and airborne 6. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN): EN 301 893. In accordance to the Implementing Decision 2022/179/EU and the Implementing Decision 2022/2307/EU within the bands 5150-5250 MHz, 5250-5350 MHz and 5470-5725 MHz.
5725 - 5830 MHz	FIXED-SATELLITE (EARTH-TO-SPACE) RADIOLOCATION Amateur Fixed Mobile 5.150 ECA17 ECA22 ECA36	1. Amateur 2. Government use 3. ISM 4. WIA 5. Weather radar	1. Amateur: EN 301 783. Within the band 5650-5850 MHz. 2. Government use 3. ISM: Within the band 5725-5875 MHz. 4. WIA: ERC/REC 70-03. Within the band 5725-5875 MHz. 5. Weather radar: Ground based and airborne.

Frequency Band	National Allocation	National Usage	Remarks
5830 - 5850 MHz	FIXED-SATELLITE (EARTH-TO-SPACE) RADIOLOCATION Amateur Amateur-Satellite (space-to-Earth) Fixed Mobile 5.150 ECA22 ECA23 ECA36	1. Amateur 2. Government use 3. ISM 4. WIA 5. Weather radar 6. Amateur-satellite	1. Amateur: EN 301 783. Within the band 5650-5850 MHz. 2. Government use 3. ISM: Within the band 5725-5875 MHz. 4. WIA: ERC/REC 70-03. Within the band 5725-5875 MHz. 5. Weather radar: Ground based and 6. Amateur-satellite: Within the band 5830-5850 MHz
5850 - 5925 MHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) MOBILE 5.150	1. FSS Earth stations 2. ISM 3. ITS 4. WIA 5. DA2GC 6. MBR	1. FSS Earth stations: EN 301 443. Priority for civil networks. 2. ISM: Within the band 5725-5875 MHz. 3. Intelligent Transport Systems (ITS): In accordance to the Implementing Decision 2020/1426/EU for the radiofrequency band 5875-5935 MHz 4. WIA: EN 303 258. ERC/REC 70-03. Within the band 5725-5875 MHz. 5. DA2GC: EN 303 316, EN 303 339, ECC/DEC/(15)03, within the band 5855-5875 MHz 6. MBR: EN 303 276, ECC/REC/(17)03. Within the band 5852-5872 MHz and 5880-5900 MHz
5925 - 6700 MHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) Mobile Earth Exploration-Satellite (passive) 5.149 5.440 5.458	1. Earth Stations on board Vessels (ESV) 2. FSS Earth stations. 3. Fixed 4. Passive sensors (satellite) 5. ITS 6. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN)	1. ESV: ECC/DEC/(05)09, EN 301 447. Within the band 5925-6425 MHz. 2. FSS Earth stations: ECC/DEC/(05)09, EN 301 443. Priority for civil networks. 3. Fixed: ECC/REC/(14)06, ERC/REC 14-01, ERC/REC 14-02, EN 302 217. Point-to-point. 4. Passive sensors (satellite): For sea surface temperature, sea surface wind speed and soil moisture measurements. 5. Intelligent Transport Systems (ITS): In accordance to the Implementing Decision 2020/1426/EU for the radiofrequency band 5875-5935 MHz 6. Wireless Access Systems including Radio Local Area Networks (WAS/RLAN): In accordance to the Implementing Decision 2021/1067/EU within the band 5945-6425 MHz

Frequency Band	National Allocation	National Usage	Remarks
6700 - 7075 MHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) (SPACE-TO-EARTH) 5.441 Earth Exploration-Satellite (passive) 5.458 5.458A 5.458B	1. FSS Earth stations 2. Feeder links 3. Fixed 4. Passive sensors (satellite) 5. PMSE	1. FSS Earth stations: EN 301 443. Within the band 6725-7025 MHz. Priority for civil networks. 2. Feeder links. 3. Fixed: EN 302 217. ECC/REC/(14)06, ERC/REC 14-02, Point-to-point. 4. Passive sensors (satellite): For sea surface temperature, sea surface wind speed and soil moisture measurements. 5. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.
7075 - 7145 MHz	FIXED Earth Exploration-Satellite (passive) 5.458	1. Fixed 2. Passive sensors (satellite) 3. PMSE	1. Fixed: ECC/REC/(02)06, ECC/REC/(14)06, ERC/REC 14-02, EN 302 217. Point-to-point. 2. Passive sensors (satellite): For sea surface temperature, sea surface wind speed and soil moisture measurements. 3. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.
7145 - 7190 MHz	FIXED MOBILE SPACE RESEARCH (DEEP SPACE) (EARTH-TO-SPACE) Space Operation (Earth-to-space) 5.458	1. Fixed 2. PMSE	1. Fixed: ECC/REC/(02)06, EN 302 217. Point-to-point. 2 PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range
7190 – 7235 MHz	EARTH EXPLORATION-SATELLITE (EARTH-TO-SPACE) 5.460A 5.460B FIXED MOBILE SPACE RESEARCH (EARTH-TO-SPACE) 5.460 5.458	1. Fixed 2. Passive sensors (satellite) 3. PMSE	1. Fixed: ECC/REC/(02)06, EN 302 217. Point-to-point. 2. Passive sensors (satellite): For sea surface temperature, sea surface wind speed and soil moisture measurements. 3. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range

Frequency Band	National Allocation	National Usage	Remarks
7235 - 7250 MHz	EARTH EXPLORATION-SATELLITE (EARTH-TO-SPACE) 5.460A FIXED Space Research (Earth-to-space)	1. Fixed 2. Passive sensors (satellite) 3. PMSE	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 2. Passive sensors (satellite): For sea surface temperature, sea surface wind speed and soil moisture measurements. 3. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.
7250 - 7300 MHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE 5.461 ECA36	1. Fixed 2. Government use 3. MSS Earth stations 4. PMSE	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 2. Government use 3. MSS Earth stations: Mobile satellite applications within the band 7250-7375 MHz. 4. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.
7300 – 7375 MHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE EXCEPT AERONAUTICAL MOBILE 5.461 ECA36	1. Fixed 2. Government use 3. MSS Earth stations 4. PMSE	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 2. Government use 3. MSS Earth stations: Mobile satellite applications within the band 7250-7375 MHz. 4. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.
7375 - 7450 MHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MARITIME MOBILE-SATELLITE (SPACE-TO-EARTH) 5.461AA 5.461AB MOBILE EXCEPT AERONAUTICAL MOBILE ECA36	1. Fixed 2. Government use 3. MSS Earth stations 4. PMSE	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 2. Government use 3. MSS Earth stations: Mobile satellite applications within the band 7250-7375 MHz. 4. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.

Frequency Band	National Allocation	National Usage	Remarks
7450 - 7550 MHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MARITIME MOBILE-SATELLITE (SPACE-TO-EARTH) 5.461AA 5.461AB METEOROLOGICAL-SATELLITE (SPACE-TO-EARTH) MOBILE EXCEPT AERONAUTICAL MOBILE 5.461A ECA36	1. Fixed 2. Government use 3. PMSE 4. Weather satellites	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 2. Government use 3. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range. 4. Weather satellites: Limited to non-geostationary systems.
7550 - 7750 MHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MARITIME MOBILE-SATELLITE (SPACE-TO-EARTH) 5.461AA 5.461AB MOBILE EXCEPT AERONAUTICAL MOBILE ECA36	1. Fixed 2. Government use 3. PMSE	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 2. Government use 3. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range
7750 - 7900 MHz	FIXED METEOROLOGICAL SATELLITE (SPACE-TO-EARTH) 5.461B MOBILE EXCEPT AERONAUTICAL MOBILE	1. Fixed 2. PMSE 3. Weather satellites	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 2. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range. 3. Weather satellites: Limited to non-geostationary systems.
7900 - 8025 MHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) MOBILE 5.461 ECA36	1. Fixed 2. Government use 3. MSS Earth stations 4. PMSE	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. FIXED and MOBILE services not to be implemented above 7975 MHz in NATO countries. 2. Government use 3. MSS Earth stations: Mobile satellite applications. 4. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.

Frequency Band	National Allocation	National Usage	Remarks
8025 - 8175 MHz	EARTH EXPLORATION-SATELLITE (SPACE-TO-EARTH) FIXED FIXED-SATELLITE (EARTH-TO-SPACE) MOBILE 5.463 5.462A ECA36	1. Earth exploration- satellite 2. Fixed 3. Government use 4. Land mobile 5. PMSE	1. Earth exploration- satellite: Satellite payload telemetry. 2. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 3. Government use 4. Land mobile: Mobile applications within the band 8025-8200 MHz. 5. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.
8175 - 8215 MHz	EARTH EXPLORATION-SATELLITE (SPACE-TO-EARTH) FIXED FIXED-SATELLITE (EARTH-TO-SPACE) METEOROLOGICAL-SATELLITE (EARTH-TO-SPACE) MOBILE 5.463 5.462A ECA36	1. Earth exploration- satellite 2. Fixed 3. Government use 4. Land mobile 5. PMSE	1. Earth exploration- satellite: Satellite payload telemetry. 2. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 3. Government use 4. Land mobile: Mobile applications within the band 8025-8200 MHz. 5. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.
8215 - 8400 MHz	EARTH EXPLORATION-SATELLITE (SPACE-TO-EARTH) FIXED FIXED-SATELLITE (EARTH-TO - SPACE) 5.462A 5.463	1. Earth exploration- satellite 2. Fixed 3. Government use 4. Radio astronomy 5. PMSE	1. Earth exploration- satellite: Satellite payload telemetry. 2. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 3. Government use 4. Radio astronomy: Continuum observations, VLBI (used by SRS). 5. PMSE: EN 302 064, ERC/REC 25-10 Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.
8400 - 8500 MHz	FIXED SPACE RESEARCH (SPACE-TO-EARTH) 5.465 Radiolocation	1. Fixed 2. Space research 3. PMSE	1. Fixed: EN 302 217. ECC/REC/(02)06. Point-to-point. 2. Space research: Satellite payload telemetry. The band 8400-8450 MHz is limited to deep space applications. Continuum observations, VLBI (used by SRS). 3. PMSE: EN 302 064, ERC/REC 25-10. Portable or mobile wireless video, cordless cameras, temporary P-t-P video links in 7-8.5 GHz tuning range.

Frequency Band	National Allocation	National Usage	Remarks
8500 - 8550 MHz	RADIOLOCATION 5.469 ECA36 ECA364	1. Aeronautical navigation 2. Government use 3. Radiolocation (civil)	1. Aeronautical navigation: Civil and military e.g. airfield approach. 2. Government use 3. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance.
8550 - 8650 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) RADIOLOCATION SPACE RESEARCH (ACTIVE) 5.469 5.469A ECA24 ECA36	1. Active sensors (satellite) 2. Aeronautical navigation 3. Government use 4. Radiolocation (civil)	1. Active sensors (satellite) 2. Aeronautical navigation: Civil and military e.g. airfield approach 3. Government use 4. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance.
8650 - 8750 MHz	RADIOLOCATION 5.469 ECA24 ECA36	1. Aeronautical navigation 2. Government use 3. Radiolocation (civil)	1. Aeronautical navigation: Civil and military e.g. airfield approach 2. Government use 3. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance.
8750 - 8850 MHz	AERONAUTICAL RADIONAVIGATION 5.470 RADIOLOCATION Space Research ECA24 ECA36	1. Aeronautical navigation 2. Government use. 3. Radiolocation (civil)	1. Aeronautical navigation: Civil and military e.g. airfield approach 2. Government use 3. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance.
8850 - 9000 MHz	MARITIME RADIONAVIGATION 5.472 RADIOLOCATION Space Research 5.473 ECA24 ECA36	1. Aeronautical navigation 2. Government use 3. Radiolocation (civil)	1. Aeronautical navigation: Civil and military e.g. airfield approach 2. Government use 3. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance.

Frequency Band	National Allocation	National Usage	Remarks
9000 - 9200 MHz	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation Space Research 5.471 5.473A ECA24 ECA36	1. Aeronautical navigation 2. Government use 3. Radiolocation (civil)	1 Aeronautical navigation: Civil and military e.g. airfield approach 2. Government use 3. Radiolocation (civil): EN 303 135, EN 303 213. Shipborne, land and airborne surveillance. EN 303 213-1 X-band sensors.
9200 - 9300 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) 5.474A 5.474B 5.474C MARITIME RADIONAVIGATION 5.472 RADIOLOCATION Space Research 5.473 5.474 5.474D ECA24 ECA36	1. Aeronautical navigation 2. Government use 3. Radiolocation (civil) 4. Synthetic aperture radar	1. Aeronautical navigation: Civil and military e.g. airfield approach. 2. Government use 3. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance. 4. Synthetic aperture radar
9300 - 9500 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) RADIOLOCATION RADIONAVIGATION 5.476A SPACE RESEARCH (ACTIVE) 5.427 5.474 5.475 5.475A 5.475B 5.476A ECA24 ECA36	1. Aeronautical navigation 2. Government use 3. Radiolocation (civil) 4. Weather radar	1. Aeronautical navigation: Civil and military e.g. airfield approach 2. Government use 3. Radiolocation (civil): EN 302 194, EN 302 248, EN 302 752, EN 303 135, EN 303 213. Shipborne, land and airborne surveillance. EN 303 213-6-1 X-band sensors. 4. Weather radar: Shipborne, land and airborne surveillance.

Frequency Band	National Allocation	National Usage	Remarks
9500 - 9800 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) RADIOLOCATION SPACE RESEARCH (ACTIVE) 5.476A ECA324 ECA36	1. Active sensors (satellite) 2. Aeronautical navigation 3. Government use 4. Radiolocation (civil)	1. Active sensors (satellite) 2. Aeronautical navigation: Civil and military e.g. airfield approach. 3. Government use 4. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance.
9800 – 9900 MHZ	RADIOLOGATION Earth Exploration-Satellite (active) Space Research (active) 5.478A 5.478B ECA24 ECA36	1. Aeronautical navigation 2. Government use 3. Radiolocation (civil)	1. Aeronautical navigation: Civil and military e.g. airfield approach. 2. Government use 3. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance.
9900 - 10000 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) 5.474A 5.474B 5.474C RADIOLOCATION Fixed 5.477 5.478 5.479	1. Aeronautical navigation 2. Government use 3. Radiolocation (civil) 4. Synthetic aperture radar	1. Aeronautical navigation: Civil and military e.g. airfield approach. 2. Government use 3. Radiolocation (civil): EN 303 135. Shipborne, land and airborne surveillance. 4. Synthetic aperture radar
10000 – 10400 MHz	EARTH EXPLORATION-SATELLITE (ACTIVE) 5.474A 5.474B 5.474C FIXED MOBILE RADIOLOCATION Amateur 5.474D 5.479 ECA17A ECA36	1. Amateur 2. FWA 3. Fixed 4. Government use 5. PMSE 6. Radiolocation (civil) 7. Synthetic aperture radar	1. Amateur: EN 301 783. Within the band 10-10.5 GHz. 2. FWA: EN 302 326. Including Point-to-Multipoint. 3. Fixed: EN 302 217. ERC/REC 12-05. 4. Government use 5. PMSE: EN 302 064. ERC/REC 25-10. Portable video, cordless cameras, temporary P-t-P video links in the 10.0- 10.68 GHz tuning range 6. Radiolocation (civil) 7. Synthetic aperture radar

Frequency Band	National Allocation	National Usage	Remarks
10400-10450 MHz	FIXED RADIOLOCATION Amateur Mobile ECA17 ECA17A ECA36	1. Amateur 2. Government use 3. PMSE 4. Radiolocation (civil)	1. Amateur: EN 301 783. Within the band 10-10.5 GHz. 2. Government use 3. PMSE: EN 302 064. ERC/REC 25-10. Portable video, cordless cameras, temporary P-t-P video links in the 10.0- 10.68 GHz tuning range 4. Radiolocation (civil): Low power radars in certain sub bands.
10450 MHz – 10.5 GHz	FIXED MOBILE RADIOLOCATION Amateur Amateur-Satellite 5.481 ECA17 ECA17A ECA23 ECA36	1. Amateur 2. Amateur-Satellite 3. Government use 4. PMSE 5. Radiolocation (civil)	1. Amateur: EN 301 783. Within the band 10-10.5 GHz. 2. Amateur-Satellite 3. Government use 4. PMSE: EN 302 064. ERC/REC 25-10. Portable video, cordless cameras, temporary P-t-P video links in the 10.0- 10.68 GHz tuning range 5. Radiolocation (civil)
10.5 - 10.55 GHz	FIXED MOBILE Radiolocation ECA17A	1. Fixed 2. PMSE	1.Fixed: EN 302 217, EN 302 326. ERC/REC 12-05, Including Point-to-Multipoint 2. PMSE: EN 302 064. ERC/REC 25-10. Portable video, cordless cameras, temporary P-t-P video links in the 10.0- 10.68 GHz tuning range
10.55 - 10.6 GHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE Radiolocation ECA17A	1. Fixed 2. PMSE	1. Fixed: EN 302 217, EN 302 326. ERC/REC 12-05, Including Point-to-Multipoint. 2. PMSE: EN 302 064. ERC/REC 25-10. Portable video, cordless cameras, temporary P-t-P video links in the 10.0- 10.68 GHz tuning range

Frequency Band	National Allocation	National Usage	Remarks
10.6 - 10.68GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED MOBILE EXCEPT AERONAUTICAL MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) Radiolocation 5.149 5.482 5.482A ECA17A	1. Fixed 2. PMSE 3. Passive sensors (satellite) 4. Radio astronomy	1. Fixed: EN 302 217, EN 302 326. ECC/DEC/(10)01, ERC/REC 12-05, , Including Point-to-Multipoint 2. PMSE: EN 302 064. ERC/REC 25-10. Portable video, cordless cameras, temporary P-t-P video links in the 10.0- 10.68 GHz tuning range 3. Passive sensors (satellite): Surface emissivity and precipitation measurements. 4. Radio astronomy: Continuum observations, VLBI.
10.68 - 10.7 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive applications: Surface emissivity and precipitation measurements. 2. Radio astronomy: Continuum observations, VLBI.
10.7 – 10.95 GHz	FIXED FIXED-SATELLITE (EARTH -TO-SPACE) 5.484 FIXED-SATELLITE (SPACE-TO-EARTH) 5.441 MOBILE EXCEPT AERONAUTICAL MOBILE Mobile-Satellite (space-to-Earth)	1. AES 2. FSS Earth stations 3. Fixed 4. HEST 5. LEST 6. NGSO FSS 7. ESIM 8. ESV	1. AES: EN 302 186. ECC/DEC/(05)11, 2. FSS Earth stations: EN 301 360, EN 301 427, EN 301 428, EN 301 430, EN 301 459, EN 302 448. ECC/DEC/(19)04, ERC/DEC/(00)08. Within the band 10.7-10.95/11.2-11.45 GHz in accordance with App. 30B of RR SIT/SUT VSAT. 3. Fixed: EN 302 217. ERC/DEC/(00)08, ERC/REC 12-06, Limited to high capacity fixed links. 4. HEST: EN 301 428, EN 301 459.ECC/DEC/(06)03, 5. LEST: EN 301 428, EN 301 459. ECC/DEC/(06)02, 6. NGSO FSS:EN 300 980, ECC/DEC/(17)04. 7. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05, ECC/DEC/(19)04 8. ESV: EN 302 340. ECC/DEC(05)10

Frequency Band	National Allocation	National Usage	Remarks
10.95 – 11.2 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.484 FIXED-SATELLITE (SPACE-TO-EARTH) 5.484A 5.484B MOBILE EXCEPT AERONAUTICAL MOBILE	1. AES 2. Fixed 3. NGSO FSS 4. ESIM 5. ESV	1. AES: ECC/DEC/(05)11, EN 302 186. 2. Fixed: ERC/DEC/(00)08, ERC/REC 12-06, EN 302 217. Limited to high capacity fixed links. 3. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 4. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05, ECC/DEC/(19)04 5. ESV: EN 302 340. ECC/DEC(05)10
11.2 – 11.45 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.484 FIXED-SATELLITE (SPACE-TO-EARTH) 5.441 MOBILE EXCEPT AERONAUTICAL MOBILE	1. AES 2. Fixed 3. NGSO FSS 4. ESIM 5. ESV	1. AES: ECC/DEC/(05)11, EN 302 186. 2. Fixed: ERC/DEC/(00)08, ERC/REC 12-06, EN 302 217. Limited to high capacity fixed links. 3. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 4. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05, ECC/DEC/(19)04 5. ESV: EN 302 340. ECC/DEC(05)10
11.45 – 11.7 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.484 FIXED-SATELLITE (SPACE-TO-EARTH) 5.484A 5.484B MOBILE EXCEPT AERONAUTICAL MOBILE	1. AES 2. Fixed 3. NGSO FSS 4. ESIM 5. ESV	1. AES: ECC/DEC/(05)11, EN 302 186. 2. Fixed: ERC/DEC/(00)08, ERC/REC 12-06, EN 302 217. Limited to high capacity fixed links. 3. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 4. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05, ECC/DEC/(19)04 5. ESV: EN 302 340. ECC/DEC(05)10
11.7 - 12.5 GHz	BROADCASTING-SATELLITE 5.492 FIXED MOBILE EXCEPT AERONAUTICAL MOBILE 5.487 5.487A ECA28	1. Broadcasting (satellite) 2. HEST 3. LEST 4. NGSO FSS 5. ESIM	1. Broadcasting (satellite): EN 301 360, EN 301 459, EN 302 340, EN 302 448. ERC/DEC/(00)08. In accordance with App 30 of RR. SIT within the band 12.4 – 12.5 GHz. 2. HEST: ECC/DEC/(06)03 3. LEST: ECC/DEC/(06)02 4. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 5. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05, ECC/DEC/(19)04

Frequency Band	National Allocation	National Usage	Remarks
12.50 - 12.75 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) FIXED-SATELLITE (SPACE-TO-EARTH) 5.484A 5.484B 5.496	1. AES 2. FSS Earth stations 3. HEST 4. LEST 5. NGSO FSS 6. ESIM 7.ESV	1. AES: ECC/DEC/(05)11, EN 302 186. 2. FSS Earth stations: EN 301 360, EN 301 427, EN 301 428, EN 301 430, EN 301 459, EN 302 448. ECC/DEC/(19)04Priority for civil networks. Low density carriers, including VSATs and digital SNG are encouraged to use this band VSAT-SIT/SUT. 3. HEST: ECC/DEC/(06)03, EN 301 428, EN 301 459. 4. LEST: ECC/DEC/(06)02, EN 301 428, EN 301 459. 5. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 6. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05, ECC/DEC/(19)04 7. ESV: EN 302 340. ECC/DEC/(05)10
12.75 - 13.25 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.441	1. FSS Earth stations 2. Fixed	1. FSS Earth stations: EN 301 430. ECC/DEC/(19)04 2. Fixed: ERC/REC 12-02, EN 302 217.
13.25 - 13.40 GHz	AERONAUTICAL RADIONAVIGATION 5.497 EARTH EXPLORATION-SATELLITE (ACTIVE) SPACE RESEARCH (ACTIVE) 5.498A ECA26	1. Active sensors (satellite) 2. Airborne doppler navigation aids. 3. Maritime radar	1. Active sensors (satellite): Altimeters, scatterometers, precipitation radars. 2. Airborne doppler navigation aids. 3. Maritime radar: Ship berthing radars.
13.4 - 13.65 GHz	EARTH EXPLORATION-SATELLITE (ACTIVE) FIXED-SATELLITE (SPACE-TO-EARTH) 5.499A 5.499B RADIOLOCATION SPACE RESEARCH 5.499C 5.599D 5.501B ECA26 ECA36	1. Active sensors (satellite) 2. Airborne doppler navigation aids 3. FSS Earth stations 4. Government Use 5. Maritime radar 6. Radiodetermination applications	1. Active sensors (satellite): Altimeters, scatterometers, precipitation radars. 2. Airborne doppler navigation aids 3. FSS Earth stations 4. Government Use 5. Maritime radar: Ship berthing radars. 6. Radiodetermination applications: ERC/REC 70-03. EN 300 440. Within the band 13.4-14.0 GHz.

Frequency Band	National Allocation	National Usage	Remarks
13.65 – 13.75 GHZ	EARTH EXPLORATION-SATELLITE (ACTIVE) RADIOLOCATION SPACE RESEARCH 5.501A 5.501B ECA26 ECA36	1. Active sensors (satellite) 2. Airborne doppler navigation aids 3. Government Use 4. Maritime radar 5 Radiodetermination applications	1. Active sensors (satellite): Altimeters, scatterometers, precipitation radars. 2. Airborne doppler navigation aids 3. Government Use 4. Maritime radar: Ship berthing radars. 5. Radiodetermination applications: ERC/REC 70-03. EN 300 440. Within the band 13.4-14.0 GHz.
13.75 - 14 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.484A RADIOLOCATION Space Research 5.502 5.503 ECA26 ECA36	1. FSS Earth stations 2. Government Use 3. Maritime radar. 4. Passive sensors (satellite) 5. Radiodetermination applications	1. FSS Earth stations: EN 301 430. 2. Government Use 3. Maritime radar: Navigation radars, ship berthing radars. 4. Passive sensors (satellite): Future VLBI measurements. 5. Radiodetermination applications: ERC/REC 70-03, EN 300 440. Within the band 13.4-14.0 GHz.
14 - 14.25 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B Mobile-Satellite (Earth-to-space) 5.504B 5.504C 5.506A Space Research 5.504	1. AES 2. ESV 3. HEST 4. LEST 5. MSS Earth stations 6. VSAT 7. NGSO FSS 8. ESIM	1. AES: ECC/DEC/(05)11, EN 302 186. 2. ESV: ECC/DEC/(05)10, EN 302 340. 3. HEST:ECC/DEC/(06)03, EN 301 428. 4. LEST: ECC/DEC/(06)02, EN 301428. 5. MSS Earth stations: EN 301 427, EN 302 977. Priority for civil networks. 6. VSAT: ERC/REC 13-03. EN 301 428, EN 301 430. Low density carriers, including VSATs and digital SNG, are encouraged to use this band. 7. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 8. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05

Frequency Band	National Allocation	National Usage	Remarks
14.25 - 14.3 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B Mobile-Satellite (Earth-to-space) 5.504B 5.506A 5.508A Space Research 5.504	1. AES 2. ESV 3. MSS Earth stations 4. VSAT 5. NGSO FSS 6. ESIM	1. AES: ECC/DEC/(05)11, EN 302 186. 2. ESV: ECC/DEC/(05)10, EN 302 340. 3. MSS Earth stations: EN 301 427, EN 302 977. Priority for civil networks. 4. VSAT: ERC/REC 13-03. EN 301 428, EN 301 430. SNG. 5. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 6. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05
14.3 - 14.4 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B Mobile-Satellite (Earth-to-space) 5.504B 5.506A 5.509A	1. AES 2. ESV 3. FSS Earth stations 4. ESIM 5. MSS Earth stations 6. VSAT 7. NGSO FSS	1. AES: ECC/DEC/(05)11, EN 302 186. 2. ESV: ECC/DEC/(05)10, EN 302 340. 3. FSS Earth stations: EN 302 340. Fixed links to be coordinated with Fixed Satellite Services on a national basis. 4. ESIM: EN 302 448 EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05 5. MSS Earth stations: EN 301 427, EN 302 977. Priority for civil networks. 6. VSAT: ERC/REC 13-03. EN 301 428, EN 301 430. SNG. 7. NGSO FSS: EN 300 980, ECC/DEC/(17)04.

Frequency Band	National Allocation	National Usage	Remarks
14.4 - 14.47 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B Mobile-Satellite (Earth-to-space) 5.504B 5.506A 5.509A 5.504A	1. AES 2. ESV 3. FSS Earth stations 4. MSS Earth stations 5. VSAT 6. NGSO FSS 7. ESIM	1. AES: ECC/DEC/(05)11, EN 302 186. 2. ESV: ECC/DEC/(05)10, EN 302 340. 3. FSS Earth stations: EN 302 340. Fixed links to be coordinated with Fixed Satellite Services on a national basis. 4. MSS Earth stations: EN 301 427, EN 302 977. Priority for civil networks. 5. VSAT: ERC/REC 13-03. EN 301 428, EN 301 430. SNG. 6. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 7. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05
14.47 - 14.5 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.457A 5.484A 5.506 Mobile-Satellite (Earth-to-space) 5.504B 5.506A 5.509A Radio Astronomy 5.149 5.504A	1. AES 2. ESV 3. FSS Earth stations 4. MSS Earth stations 5. Radio astronomy 6. VSAT 7. NGSO FSS 8. ESIM	1. AES: EN 302 186 2. ESV: ECC/DEC/(05)10, EN 302 340. 3. FSS Earth stations: EN 302 340. Fixed links to be coordinated with Fixed Satellite Services on a national basis. 4. MSS Earth stations: EN 301 427, EN 302 977. Priority for civil networks. 5. Radio astronomy: Spectral line observation, VLBI. 6. VSAT: ERC/REC 13-03. EN 301 428. SNG. 7. NGSO FSS: EN 300 980, ECC/DEC/(17)04. 8. ESIM: EN 302 448, EN 302 977, EN 303 980. ECC/DEC/(18)04, ECC/DEC/(18)05
14.5 – 14.75 GHz	FIXED MOBILE RADIO ASTRONOMY ECA20 ECA36	1. Fixed 2. Government use 3. Radio astronomy	1. Fixed: ERC/REC 12-07, EN 302 217. 2. Government use 3. Radio astronomy: VLBI (when compatible with primary use).
14.75 - 14.8 GHz	FIXED MOBILE RADIO ASTRONOMY ECA20 ECA36	1. Government use 2. Radio astronomy	1. Government use 2. Radio astronomy: VLBI (when compatible with primary use).

Frequency Band	National Allocation	National Usage	Remarks
14.8 - 15.35 GHz	FIXED MOBILE Radio Astronomy 5.339 ECA20 ECA36	1. Fixed 2. Government use 3. Radio astronomy	1. Fixed: ERC/REC 12-07, EN 302 217. 2. Government use 3. Radio astronomy: VLBI (when compatible with primary use).
15.35 - 15.4 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite) 2. Radio astronomy: Continuum observations, VLBI.
15.4 - 15.43 GHz	AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.511E 5.511F	1. Airborne doppler navigation aids. 2. Radiolocation (civil)	1. Airborne doppler navigation aids: Doppler radar low power sensing. 2. Radiolocation (civil): Ground movement radars.
15.43 - 15.63 GHz	AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (EARTH-TO-SPACE) RADIOLOCATION 5.511E 5.511F 5.511C	1. Airborne doppler navigation aids. 2. FSS Earth stations 3. Radiolocation (civil)	1. Airborne doppler navigation aids: Doppler radar low power sensing. 2. FSS Earth stations: MSS feeder links. 3. Radiolocation (civil): Ground movement radars.
15.63 - 15.7 GHz	AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.511E 5.511F	1. Airborne doppler navigation aids. 2. Radiolocation (civil)	1. Airborne doppler navigation aids: Doppler radar low power sensing. 2. Radiolocation (civil): Ground movement radars.
15.7 - 16.6 GHz	RADIOLOCATION ECA36	1. Government use	1. Government use
16.6 - 17.1 GHz	RADIOLOCATION Space Research (deep space) (Earth-to-space) ECA36	1. Government use	1. Government use
17.1 - 17.2 GHz	RADIOLOCATION Mobile ECA36	1. GBSAR 2. Government use	1. GBSAR: ERC/REC 70-03, EN 300 440. 2. Government use

Frequency Band	National Allocation	National Usage	Remarks
17.2 - 17.3 GHz	EARTH EXPLORATION- SATELLITE (ACTIVE) MOBILE RADIOLOCATION SPACE RESEARCH (ACTIVE) 5.513A ECA36	1. GBSAR 2. Government use	1. GBSAR: EN 300 440. ERC/REC 70-03. 2. Government use
17.3 - 17.7 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.516 FIXED-SATELLITE (SPACE-TO-EARTH) 5.516A 5.516B Radiolocation ECA36	1. FSS Earth stations 2. Feeder links 3. GSO ESOMPs 4. Government use 5. NGSO ESOMPs	1. FSS Earth stations: ECC/DEC/(05)08. High Density FSS. 2. Feeder links: Feeder links for the BSS service. Appendix 30A of RR. 3. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 4. Government use 5. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04. Limited to land based and maritime E/S.
17.7 - 18.1 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.516 FIXED-SATELLITE (SPACE-TO-EARTH) 5.484A 5.517	1. FSS Earth stations 2. Feeder links 3. Fixed 4. GSO ESOMPs 5. NGSO ESOMPs	1. FSS Earth stations: ERC/DEC/(00)07, EN 301 360, EN 301 459. To coordinated Earth stations. Priority for civil networks. 2. Feeder links: Feeder links for the BSS service. Appendix 30A of RR. 3. Fixed: ERC/DEC/(00)07, ERC/REC 12-03, EN 302 217. 4. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 5. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04. Limited to land based and maritime E/S.
18.1 - 18.4GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.520 FIXED-SATELLITE (SPACE-TO-EARTH) 5.484A 5.517AMETEOROLOGICAL-SATELLITE (SPACE-TO-EARTH) 5.519	1. FSS Earth stations 2. Feeder links 3. Fixed 4. GSO ESOMPs 5. NGSO ESOMPs	1. FSS Earth stations: ERC/DEC/(00)07, EN 301 459. To coordinated Earth stations. Priority for civil networks. 2. Feeder links: Feeder links for the BSS service. 3. Fixed: ERC/DEC/(00)07, ERC/REC 12-03, EN 302 217. 4. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 5. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04. Limited to land based and maritime E/S.

Frequency Band	National Allocation	National Usage	Remarks
18.4 - 18.6 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) 5.484A	1. FSS Earth stations 2. Fixed 3. GSO ESOMPs 4. NGSO ESOMPs	1. FSS Earth stations: ERC/DEC/(00)07, EN 301 459. To coordinated Earth stations. Priority for civil networks. 2. Fixed: ERC/DEC/(00)07, ERC/REC 12-03, EN 302 217. 3. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 4. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04, Limited to land based and maritime E/S.
18.6 - 18.8 GHz	EARTH EXPLORATION- SATELLITE (PASSIVE) FIXED FIXED-SATELLITE (SPACE-TO-EARTH) 5.522B 5.522A	1. FSS Earth stations 2. Fixed 3. GSO ESOMPs 4. Passive sensors (satellite) 5. NGSO ESOMPs	1. FSS Earth stations: ERC/DEC/(00)07, EN 301 459. To coordinated Earth stations. Priority for civil networks. 2. Fixed: ERC/DEC/(00)07, ERC/REC 12-03, EN 302 217. 3. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 4. Passive sensors (satellite): Surface emissivity, snow, sea, ice and precipitation. 5. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04 Limited to land based and maritime E/S.
18.8 - 19.3 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) 5.523A	1. FSS Earth stations 2. Fixed 3. GSO ESOMPs 4. NGSO ESOMPs	1. FSS Earth stations: ERC/DEC/(00)07, EN 301 459. To coordinated Earth stations. Priority for civil networks. 2. Fixed: ERC/DEC/(00)07, ERC/REC 12-03, EN 302 217. 3. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 4. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04 Limited to land based and maritime E/S.
19.3 - 19.7 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) (EARTH-TO-SPACE) 5.523B 5.523C 5.523D 5.523E	1. FSS Earth stations 2. Fixed 3. GSO ESOMPs 4. NGSO ESOMPs	1. FSS Earth stations: ERC/DEC/(00)07, EN 301 360, EN 301 459. To coordinated Earth stations. Priority for civil networks. 2. Fixed: ERC/DEC/(00)07, ERC/REC 12-03, EN 302 217. 3. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 4. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04 Limited to land based and maritime E/S.
19.7 - 20.1 GHz	FIXED-SATELLITE (SPACE-TO-EARTH) 5.484A 5.516B 5.527A Mobile-Satellite (space-to-Earth)	1. FSS Earth stations 2. GSO ESOMPs 3. HEST 4. LEST 5. MSS Earth stations 6. NGSO ESOMPs	1. FSS Earth stations: ECC/DEC/(05)08. High Density FSS 2. GSO ESOMPs: ECC/DEC/(13)01. EN 303 978. 3. HEST: ECC/DEC/(06)03, EN 301 360, EN 301 459. 4. LEST: ECC/DEC/(06)02, EN 301 360, EN 301 459. 5. MSS Earth stations: EN 301 360, EN 301 459. For uncoordinated Earth stations SUT. 6. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04 Limited to land based and maritime E/S.

Frequency Band	National Allocation	National Usage	Remarks
20.1 - 20.2 GHz	FIXED-SATELLITE (SPACE-TO-EARTH) 5.484A 5.516B 5.527A MOBILE-SATELLITE (SPACE-TO-EARTH) 5.525 5.526 5.527 5.528	1. FSS Earth stations 2. GSO ESOMPs 3. HEST 4. LEST 5. MSS Earth stations 6. NGSO ESOMPs	1. FSS Earth stations: ECC/DEC/(05)08. High Density FSS 2. GSO ESOMPs: ECC/DEC/(13)01. EN 303 978. 3. HEST: ECC/DEC/(06)03, EN 301 360, EN 301 459. 4. LEST: ECC/DEC/(06)02, EN 301 360, EN 301 459 5. MSS Earth stations: EN 301 360, EN 301 459. For uncoordinated Earth stations SUT. 6. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04 Limited to land based and maritime E/S.
20.2 - 21.2 GHz	FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE-SATELLITE (SPACE-TO-EARTH) ECA36	1. Government use 2. MSS Earth stations	1. Government use 2. MSS Earth stations: For uncoordinated Earth stations.
21.2 - 21.4 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED MOBILE SPACE RESEARCH (PASSIVE)	1. PMSE	1. PMSE: ERC/REC 25-10, EN 302 064 Cordless Cameras; Temporary point-to-point video link
21.4 - 22 GHz	BROADCASTING-SATELLITE 5.208B 5.530A 5.530B	1. Automotive short range radars 2. Broadcasting (satellite) 3. PMSE	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Broadcasting (satellite) 3. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link

Frequency Band	National Allocation	National Usage	Remarks
22 - 22.21 GHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.149 ECA17A	1. Automotive short range radars 2. Fixed 3. PMSE 4. Radio astronomy	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Fixed: EN 302 217, EN 302 326., ERC REC T/R 13-02 3. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link 4. Radio astronomy: Continuum and spectral line observations (e.g. water line), LVBI.
22.21 - 22.5 GHz	FIXED MOBILE EXCEPT AERONAUTICAL MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) Earth Exploration-Satellite (passive) Mobile 5.149 5.532 ECA17A	1. Automotive short range radars 2. Fixed 3. PMSE 4. Radio astronomy	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Fixed: EN 302 217, EN 302 326, ERC REC T/R 13-02 3. PMSE: EN 302 064. ERC/REC 25 10. Cordless Cameras; Temporary point-to-point video link 4. Radio astronomy: Continuum and spectral line observations (e.g. water line), LVBI.
22.5 - 22.55 GHz	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) ECA17A	1. Automotive short range radars 2. Fixed 3. PMSE 4. Radio astronomy	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Fixed: EN 302 217, EN 302 326., ERC REC T/R 13-02 3. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link 4. Radio astronomy: Continuum and spectral line observations (e.g. water line), LVBI.
22.55 - 23.15 GHz	FIXED INTER-SATELLITE 5.338A MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) ECA17A	1. Automotive short range radars 2. Fixed 3. PMSE 4. Radio astronomy	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Fixed: EN 302 217, EN 302 326., ERC REC T/R 13-02 3. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link 4. Radio astronomy: Continuum and spectral line observations (e.g. water line), LVBI.

Frequency Band	National Allocation	National Usage	Remarks
23.15- 23.55 GHz	FIXED INTER-SATELLITE 5.338A MOBILE	1. Automotive short range radars 2. Fixed 3. PMSE	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Fixed: EN 302 217, EN 302 326., ERC REC T/R 13-02 3. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link
23.55 - 23.6 GHz	FIXED INTER-SATELLITE MOBILE	1. Automotive short range radars 2. Fixed 3. PMSE	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Fixed: EN 302 217, EN 302 326., ERC REC T/R 13-02 3. PMSE:EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link
23.6 - 24 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Automotive short range radars 2. Passive sensors (satellite) 3. Radio astronomy	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Passive sensors (satellite): Measurement of water vapour. Liquid water, clouds, for atmospheric sounding. 3. Radio astronomy: Continuum and spectral line observations (e.g. water line), LVBI.
24 - 24.05 GHz	AMATEUR AMATEUR-SATELLITE 5.150	1. Amateur 2. Amateur-satellite 3. Automotive short range radars 4. ISM 5. Non-specific SRDs 6. PMSE	1. Amateur: EN 301 783. Within the band 24-24.25 GHz. 2. Amateur-satellite: 3. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 4. ISM: Within the band 24 - 24.25 GHz 5. Non-specific SRDs: ERC/REC 70-03, EN 300 440. Within the band 24-24.25 GHz. 6. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link

Frequency Band	National Allocation	National Usage	Remarks
24.05 - 24.25 GHz	RADIOLOCATION Amateur Earth Exploration-Satellite (active) Fixed Mobile 5.150 ECA36	1. Active sensors (satellite) 2. Amateur 3. Automotive short range radars 4. Government use 5. ISM 6. PMSE	1. Active sensors (satellite): Rain radars from satellites. 2. Amateur: EN 301 783. Within the band 24-24.25 GHz. 3. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz 4. Government use 5. ISM: Within the band 24-24.25 GHz. 6. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link.
24.25 - 24.45 GHz	FIXED MOBILE 5.532AB 5.338A ECA17A	1. Automotive short range radars 2. Fixed 3. PMSE 4. Terrestrial systems capable of providing electronic communication services	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Fixed: T/R 13-02. EN 302 217, EN 302 326. Unidirectional fixed links. 3. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link 4. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.
24.45 - 24.5 GHz	FIXED MOBILE ECA17A	1. Automotive short range radars 2. Fixed 3. PMSE 4. Terrestrial systems capable of providing electronic communication services	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Fixed: T/R 13-02. EN 302 217, EN 302 326. Unidirectional fixed links. 3. PMSE: EN 302 064. ERC/REC 25-10. Cordless Cameras; Temporary point-to-point video link 4. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.

Frequency Band	National Allocation	National Usage	Remarks
24.5 - 24.65 GHz	FIXED	1. Automotive short range radars 2. FWA 3. Fixed 4. Terrestrial systems capable of providing electronic communication services	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. FWA: ECC/REC/(11)01, EN 302 326. CRS paired with 25.5-26.5 GHz for FDD systems. 3. Fixed: T/R 13-02. EN 302 217, EN 302 326. 4. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.
24.65 - 24.75 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.532B	1. Automotive short range radars 2. FWA 3. Fixed 4. Terrestrial systems capable of providing electronic communication services	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. FWA: ECC/REC/(11)01, EN 302 326. CRS paired with 25.5-26.5 GHz for FDD systems. 3. Fixed: T/R 13-02. EN 302 217, EN 302 326. 4. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.
24.75 - 25.25 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.532B	1. Automotive short range radars 2. FWA 3. Fixed 4. Terrestrial systems capable of providing electronic communication services	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. FWA: ECC/REC/(11)01, EN 302 326. CRS paired with 25.5-26.5 GHz for FDD systems. 3. Fixed: T/R 13-02. EN 302 217, EN 302 326. 4. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.

Frequency Band	National Allocation	National Usage	Remarks
25.25 - 25.5 GHz	FIXED INTER-SATELLITE 5.536 MOBILE ECA36	1. Automotive short range radars 2. FWA 3. Fixed 4. Government use 5. Terrestrial systems capable of providing electronic communication services	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU, and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz 2. FWA: ECC/REC/(11)01, EN 302 326. CRS paired with 25.5-26.5 GHz for FDD systems. 3. Fixed: T/R 13-02. EN 302 217, EN 302 326. 4. Government use 5. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.
25.5 - 26.5 GHz	FIXED INTER-SATELLITE 5.536 MOBILE SPACE RESEARCH (SPACE-TO-EARTH) 5.536C Earth Exploration-Satellite (space-to-Earth) 5.536B 5.536A ECA36	1. Automotive short range radars 2. FWA 3. Fixed 4. Space research 5. Terrestrial systems capable of providing electronic communication services	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. FWA: ECC/REC/(11)01, EN 302 326. CRS paired with 25.5-26.5 GHz for FDD systems. 3. Fixed: T/R 13-02. EN 302 217, EN 302 326. 4. Space research: Satellite payload telemetry. 5. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.
26.5 - 27 GHz	FIXED INTER-SATELLITE 5.536 MOBILE SPACE RESEARCH (SPACE-TO-EARTH) 5.536A 5.536C Earth Exploration-Satellite (space-to-Earth) 5.536B 5.536A ECA36	1. Automotive short range radars 2. Government use. 3. Space research 4. Terrestrial systems capable of providing electronic communication services	1. Automotive short range radars: In accordance to the Decision 2005/50/EC, the Implementing Decision 2011/485/EU and the Implementing Decision 2017/2077/EU, in the frequency range 21.65 – 26.65 GHz. 2. Government use 3. Space research: Satellite payload telemetry. 4. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.

Frequency Band	National Allocation	National Usage	Remarks
27 - 27.5 GHz	FIXED INTER-SATELLITE 5.536 MOBILE Earth Exploration-Satellite (space-to-Earth) ECA36	1. Government use 2. Terrestrial systems capable of providing electronic communication services	1. Government use 2. Terrestrial systems capable of providing electronic communication services: In accordance to the Implementing Decision 2019/784/EU and the Implementing Decision 2020/590/EU, in the frequency range 24.25-27.5 GHz.
27.5 - 28.5 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.484A 5.516B 5.539 5.538 5.540	1. FWA 2. FSS Earth stations 3. Feeder links 4. Fixed 5. GSO ESOMPs 6. NGSO ESOMPs	1. FWA: EN 302 326. ECC/DEC/(05)01, ECC/REC/(11)01. CRS paired with 28.5-29.5 GHz for FDD systems. 2. FSS Earth stations: ECC/DEC/(05)01, EN 301 360. The Earth-to-Space direction for uncoordinated Earth stations within the band 27.5-27.8285 GHz. The Space-to-Earth direction in limited to beacons for uplink power control 27.5-27.501 GHz. 3. Feeder links: Feeder links to be used for Broadcasting satellites (HDTV) 27.5-29.5 GHz. 4. Fixed: ECC/DEC/(05)01, T/R 13-02. EN 302 217, EN 302 326. For frequency arrangement between FS and FSS see ECC/DEC/(05)01. 5. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 6. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04, Limited to land based and maritime E/S.
28.5 - 29.1 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.484A 5.516B 5.523A 5.539 Earth Exploration-Satellite (Earth-to-space) 5.541 5.540	1. FWA 2. FSS Earth stations 3. Feeder links 4. Fixed 5. GSO ESOMPs 6. NGSO ESOMPs	1. FWA: EN 302 326. ECC/DEC/(05)01, ECC/REC/(11)01. TS paired with 27.5-28.5 GHz for FDD systems. 2. FSS Earth stations: ECC/DEC/(05)01, EN 301 360. Uncoordinated Earth stations within the band 28.4445-28.8365 GHz. 3. Feeder links: Feeder links to be used for Broadcasting satellites (HDTV) 27.5-29.5 GHz. 4. Fixed: ECC/DEC/(05)01, T/R 13-02. EN 302 217, EN 302 326. For frequency arrangement between FS and FSS see ECC/DEC/(05)01. TS paired with 27.5-28.5 GHz for FDD systems. 5. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 6. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04, Limited to land based and maritime E/S.

Frequency Band	National Allocation	National Usage	Remarks
29.1 - 29.5 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.516B 5.523C 5.523E 5.535A 5.539 5.541A Earth Exploration-Satellite (Earth-to-space) 5.541 5.540	1. FWA 2. FSS Earth stations 3. Feeder links 4. Fixed 5. GSO ESOMPs	1. FWA: EN 302 326. ECC/DEC/(05)01, ECC/REC/(11)01. TS paired with 27.5-28.5 GHz for FDD systems. 2. FSS Earth stations: ECC/DEC/(05)01, EN 301 360. Uncoordinated Earth stations within the band 29.4525- 29.5 GHz. 3. Feeder links: Feeder links to be used for Broadcasting satellites (HDTV) 27.5-29.5 GHz. 4. Fixed: ECC/DEC/(05)01, T/R 13-02. EN 302 217, EN 302 326.Within the band 29.0605-29.4525 GHz. TS paired with 27.5-28.5 GHz for FDD systems. . 5. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978.
29.5 - 29.9 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.484A 5.484B 5.516B 5.527A 5.539 Earth Exploration-Satellite (Earth-to-space) 5.541 Mobile-Satellite (Earth-to-space) 5.540	1. GSO ESOMPs 2. HEST 3. LEST 4. MSS Earth stations 5. SIT/SUT 6. NGSO ESOMPs	1. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 2. HEST: ECC/DEC/(06)03, EN 301 459. 3. LEST: ECC/DEC/(06)02, EN 301 459. 4. MSS Earth stations: EN 301 459. 5. SIT/SUT: ECC/DEC/(05)08, EN 301 459. High Density FSS. 6. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04, Limited to land based and maritime E/S.

Frequency Band	National Allocation	National Usage	Remarks
29.9 - 30 GHz	EARTH EXPLORATION-SATELLITE (EARTH-TO-SPACE) 5.541 5.543 FIXED-SATELLITE (EARTH-TO-SPACE) 5.484A 5.484B 5.516B 5.527A 5.539 MOBILE-SATELLITE (EARTH-TO-SPACE) 5.525 5.526 5.527 5.538 5.540	1. FSS Earth stations 2. GSO ESOMPs 3. HEST 4. LEST 5. MSS Earth stations 6. SIT/SUT 7. NGSO ESOMPs	1. FSS Earth stations: ECC/DEC/(05)08. Limited to beacons for uplink power control 29.999-30 GHz. 2. GSO ESOMPs: ECC/DEC/(13)01, EN 303 978. 3. HEST: ECC/DEC/(06)03, EN 301 459. 4. LEST: ECC/DEC/(06)02, EN 301 459. 5. MSS Earth stations: EN 301 459. 6. SIT/SUT: ECC/DEC/(05)08, EN 301 459. High Density FSS. 7. NGSO ESOMPs: EN 303 979, ECC/DEC/(15)04 Limited to land based and maritime E/S.
30 - 31 GHz	FIXED-SATELLITE (EARTH-TO-SPACE) 5.388A MOBILE-SATELLITE (EARTH-TO-SPACE) ECA36	1. FSS Earth stations 2. Government use 3. MSS Earth stations	1. FSS Earth stations: For uncoordinated earth stations. 2. Government use 3. MSS Earth stations
31 - 31.3 GHz	FIXED 5.338A MOBILE 5.149	1. Fixed 2. Radio astronomy	1. Fixed: ECC/REC/(02)02, EN 302 217, EN 302 326. 2. Radio astronomy: Continuum observations.
31.3 - 31.5 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): ECC/DEC/(10)02. Measurement of sea ice, water vapour, oil spills, liquid water, clouds, surface temperature, emissivity and atmospheric attenuation. Reference window for the 50-60 GHz range. 2. Radio astronomy: Continuum observations.

Frequency Band	National Allocation	National Usage	Remarks
31.5 - 31.8 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) Fixed Mobile except aeronautical mobile 5.149 5.546	1. Fixed 2. Passive sensors (satellite) 3. Radio astronomy	1. Fixed 2. Passive sensors (satellite): Measurement of sea ice, water vapour, oil spills, liquid water, clouds, surface temperature. Emissivity and atmospheric attenuation. Reference window for the 50-60 GHz range. 3. Radio astronomy: Continuum observations.
31.8 - 32 GHz	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (DEEP SPACE) (SPACE-TO-EARTH) 5.547 5.548	1. Fixed 2. FWA	1. Fixed: EN 302 217, ERC/REC/(01)02. , High Density FS. 2. FWA: EN 302 326, ECC/REC/(11)01. Point-to-Point and Point-to-Multipoint.
32 - 32.3 GHz	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (DEEP SPACE) (SPACE-TO-EARTH) 5.547 5.548	1. Fixed 2. FWA	1. Fixed: EN 302 217. ERC/REC/(01)02. High Density FS. 2. FWA: EN 302 326. ECC/REC/(11)01. Point-to-Point and Point-to-Multipoint.
32.3 - 33 GHz	FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547 5.548	1. Fixed 2. FWA	1. Fixed: EN 302 217. ERC/REC/(01)02. High Density FS. 2. FWA: EN 302 326. ECC/REC/(11)01. Point-to-Point and Point-to-Multipoint.
33 - 33.4 GHz	FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547	1. Fixed 2. FWA	1. Fixed: EN 302 217. ERC/REC/(01)02. High Density FS. 2. FWA: EN 302 326. ECC/REC/(11)01. Point-to-Point and Point-to-Multipoint.
33.4 - 34.2 GHz	RADIOLOCATION ECA36	1. Government use 2. Radiodetermination applications.	1. Government use 2. Radiodetermination applications: Surveying and measurement.

Frequency Band	National Allocation	National Usage	Remarks
34.2 - 34.7 GHz	RADIOLOCATION SPACE RESEARCH (DEEP SPACE) (EARTH-TO-SPACE) ECA36	1. Government use 2. Radiodetermination applications.	1. Government use 2. Radiodetermination applications: Surveying and measurement.
34.7 - 35.2 GHz	RADIOLOCATION Space Research ECA36	1. Government use 2. Radiodetermination applications.	1. Government use 2. Radiodetermination applications: Surveying and measurement.
35.2 - 35.5 GHz	METEOROLOGICAL AIDS RADIOLOCATION ECA36	1. Active sensors (satellite). 2. Government use	1. Active sensors (satellite): Rain radar from satellites. 2. Government use
35.5 - 36 GHz	EARTH EXPLORATION-SATELLITE (ACTIVE) METEOROLOGICAL AIDS RADIOLOCATION SPACE RESEARCH (ACTIVE) 5.549A ECA36	1. Active sensors (satellite). 2. Government use	1. Active sensors (satellite). 2. Government use
36 - 37 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED MOBILE SPACE RESEARCH (PASSIVE) Radio Astronomy 5.149 5.550A	1. Passive sensors (satellite). 2. Radio astronomy	1. Passive sensors (satellite): EESS surface emmissivity, snow, sea ice and precipitation. 2. Radio astronomy: Spectral observations (Hydrogen cyanide and Hydroxil lines) 36.43-36.50 GHz.
37 - 37.5 GHz	FIXED SPACE RESEARCH (SPACE-TO-EARTH) 5.547	1. Fixed	1. Fixed: T/R 12-01, EN 302 217. Major use by civil Fixed Service systems. High Density fixed links.

Frequency Band	National Allocation	National Usage	Remarks
37.5 - 38 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) SPACE RESEARCH (SPACE-TO-EARTH) Earth Exploration-Satellite (space-to-Earth) 5.547	1. FSS Earth stations. 2. Fixed	1. FSS Earth stations: ERC/DEC/(00)02. Uncoordinated Earth stations shall not claim protection from the Fixed Service. 2. Fixed: T/R 12-01, EN 302 217. Major use by civil Fixed Service systems. High Density fixed links.
38 - 39.5 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) Earth Exploration-Satellite (space-to-Earth) 5.547	1. FSS Earth stations. 2. Fixed	1. FSS Earth stations: ERC/DEC/(00)02. Uncoordinated Earth stations shall not claim protection from the Fixed Service. 2. Fixed: T/R 12-01, EN 302 217. Major use by civil Fixed Service systems. High Density fixed links.
39.5 - 40 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) 5.516B MOBILE MOBILE-SATELLITE (SPACE-TO-EARTH) Earth Exploration-Satellite (space-to-Earth) 5.547	1. FSS Earth stations	1. FSS Earth stations: ERC/DEC/(00)02.
40 - 40.5 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) 5.516B MOBILE MOBILE-SATELLITE (SPACE-TO-EARTH) SPACE RESEARCH (EARTH-TO-SPACE) Earth Exploration-Satellite (space-to-Earth)	1. FSS Earth stations	1. FSS Earth stations: ERC/DEC/(00)02.

Frequency Band	National Allocation	National Usage	Remarks
40.5 - 41 GHz	BROADCASTING BROADCASTING-SATELLITE FIXED 5.547	1. FSS Earth stations. 2. Fixed 3. MWS	1. FSS Earth stations: ECC/DEC/(02)04. 2. Fixed: ECC/REC/(01)04, ERC/DEC/(99)15, EN 301 997, EN 302 217. Point-to-point and terrestrial multipoint systems. 3. MWS: ECC/REC/(01)04, ERC/DEC/(99)15, EN 302 217. Point-to-point and terrestrial multipoint systems.
41 - 42.5 GHz	BROADCASTING BROADCASTING-SATELLITE FIXED 5.547 5.551H 5.551I	1. FSS Earth stations. 2. Fixed 3. MWS	1. FSS Earth stations: ECC/DEC/(02)04. 2. Fixed: ECC/REC/(01)04, ERC/DEC/(99)15, EN 301 997, EN 302 217. Point-to-point and terrestrial multipoint systems. 3. MWS: ECC/REC/(01)04, ERC/DEC/(99)15, EN 302 217. Point-to-point and terrestrial multipoint systems.
42.5 - 43.5 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.552 MOBILE EXCEPT AERONAUTICAL MOBILE RADIO ASTRONOMY 5.149 5.547	1. FSS Earth stations. 2. Fixed 3. MWS 4. Radio astronomy	1. FSS Earth stations: Priority for civil networks. 2. Fixed: ECC/REC/(01)04, ERC/DEC/(99)15, EN 302 326, EN 302 217. Point-to-point and terrestrial multipoint systems. 3. MWS: ECC/REC/(01)04, ERC/DEC/(99)15, EN 302 217. Point-to-point and terrestrial multipoint systems. 4. Radio astronomy: Continuum and spectral lines observations (e.g. silicon monoxide line), VLBI.
43.5 - 45.5 GHz	MOBILE 5.553 MOBILE-SATELLITE Fixed-Satellite 5.554 ECA36	1. Government use	1. Government use
45.5 - 47 GHz	MOBILE 5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554		
47 - 47.2 GHz	AMATEUR AMATEUR-SATELLITE	1. Amateur 2. Amateur-satellite	1. Amateur 2. Amateur-satellite

Frequency Band	National Allocation	National Usage	Remarks
47.2 - 47.5 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.552 MOBILE 5.552A	1. FSS Earth stations. 2. Feeder link 3. HAPS 4. PMSE	1. FSS Earth stations: For fixed applications. Prioriry for civil networks. 2. Feeder link: For 40 GHz Broadcasting satellites 3. HAPS 4. PMSE: EN 302 064. ERC/REC 25-10,Cordless cameras
47.5 - 47.9 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.552 FIXED-SATELLITE (SPACE-TO-EARTH) 5.516B 5.554A MOBILE	1. FSS Earth stations. 2. Feeder link 3. PMSE	1. FSS Earth stations: ECC/DEC/(05)08. High Density FSS. 2. Feeder link: For 40 GHz Broadcasting satellites 3. PMSE: EN 302 064. ERC/REC 25-10, Cordless cameras
47.9 - 48.2 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.552 MOBILE 5.552A	1. FSS Earth stations. 2. Feeder link 3. HAPS 4. PMSE	1. FSS Earth stations: For fixed applications. Prioriry for civil networks. 2. Feeder link: For 40 GHz Broadcasting satellites. 3. HAPS 4. PMSE: EN 302 064. ERC/REC 25-10, Cordless cameras
48.2 - 48.54 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.552 FIXED-SATELLITE (SPACE-TO-EARTH) 5.516B 5.554A 5.555B MOBILE	1. FSS Earth stations. 2. Feeder link 3. Fixed 4. PMSE	1. FSS Earth stations: ECC/DEC/(05)08. High Density FSS. 2. Fixed: For 40 GHz Broadcasting satellites. 3. Fixed: ERC/REC 12-11, EN 302 217. Within the band 48.5-50.2 GHz and 50.9-52.6 GHz. 4. PMSE: EN 302 064. ERC/REC 25-10, Cordless cameras

Frequency Band	National Allocation	National Usage	Remarks
48.54 – 49.44 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.552 MOBILE RADIO ASTRONOMY 5.149 5.340 5.555 ECA17A	1. FSS Earth stations. 2. Feeder link 3. Fixed 4. PMSE 5. Radio astronomy	1. FSS Earth stations: For fixed applications. Prioriry for civil networks. 2. Feeder link: 48.5-49.2 GHz for 40 GHz Broadcasting satellites. 3. Fixed: ERC/REC 12-11, EN 302 217. Within the band 48.5-50.2 GHz and 50.9-52.6 GHz. 4. PMSE: EN 302 064. ERC/REC 25-10, Cordless cameras 5. Radio astronomy: Spectral line observations (e.g. carbon monosulphide line).
49.44 – 50.2 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.338A 5.552 FIXED-SATELLITE (SPACE-TO-EARTH) 5.516B 5.554A 5.555B MOBILE ECA17A	1. FSS Earth stations 2. Fixed 3. PMSE	1. FSS Earth stations: ECC/DEC/(05)08. High Density FSS. 2. Fixed: ERC/REC 12-11, EN 302 217. Within the band 48.5-50.2 GHz and 50.9-52.6 GHz. 3. PMSE: EN 302 064. ERC/REC 25-10, Cordless cameras
50.2 - 50.4 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite). 2. Radio astronomy	1. Passive sensors (satellite): Atmospheric temperature sounding. Terrestrial passive radiometers. Reference window for the 52.6-59.3 GHz band. 2. Radio astronomy: Continuum and spectral line observations.
50.4 - 51.4 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) 5.338A Mobile-Satellite (Earth-to-space)	1. Fixed	1. Fixed: ERC/REC 12-11, EN 302 217. Within the band 48.5-50.2 GHz and 50.9-52.6 GHz

Frequency Band	National Allocation	National Usage	Remarks
51.4 - 52.4GHz	FIXED 5.338A MOBILE RADIO ASTRONOMY 5.547 5.556	1. Fixed 2. Radio astronomy	1. Fixed: ERC/REC 12-11, EN 302 217. Within the band 48.5-50.2 GHz and 50.9-52.6 GHz. 2. Radio astronomy: Continuum and spectral line observations.
52.4-52.6 GHz	FIXED 5.338A MOBILE RADIO ASTRONOMY 5.547 5.556	1. Fixed 2. Radio astronomy	1. Fixed: EN 302 217. ERC/REC 12-11. Within the band 48.5-50.2 GHz and 50.9-52.6 GHz. 2. Radio astronomy: Continuum and spectral line observations.
52.6 - 54.25 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) SPACE RESEARCH (PASSIVE) 5.340 5.556	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Atmospheric temperature sounding. Terrestrial passive radiometers. 2. Radio astronomy: Continuum and spectral line observations.
54.25 - 55.78 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) SPACE RESEARCH (PASSIVE)	1. Passive sensors (satellite)	1. Passive sensors (satellite): Atmospheric temperature sounding. Terrestrial passive radiometers.
55.78 - 56.9 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED 5.557A INTER-SATELLITE 5.556A SPACE RESEARCH (PASSIVE) 5.547 5.558	1. Fixed 2. Passive sensors (satellite).	1. Fixed: ERC/REC 12-12, EN 302 217. High density fixed links. 2. Passive sensors (satellite): Atmospheric temperature sounding.
56.9 - 57 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (PASSIVE) 5.547	1. Fixed 2. Passive sensors (satellite).	1. Fixed: ERC/REC 12-12, EN 302 217. High density fixed links. 2. Passive sensors (satellite): Atmospheric temperature sounding.

Frequency Band	National Allocation	National Usage	Remarks
57 - 58.2 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (PASSIVE) 5.547	1. Fixed 2. Passive sensors (satellite).	1. Fixed: ECC/REC/(09)01, EN 302 217. Un-coordinated deployment. High density fixed links. 2. Passive sensors (satellite): Atmospheric temperature sounding.
58.2 - 59 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.547 5.556 ECA6 ECA19	1. Fixed 2. Passive sensors (satellite). 3. Radio astronomy	1. Fixed: ECC/REC/(09)01, EN 302 217. Un-coordinated deployment. High density fixed links. 2. Passive sensors (satellite): Atmospheric temperature sounding. Terrestrial passive radiometers. 3. Radio astronomy: Continuum and spectral line observations.
59 - 59.3 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 RADIOLOCATION 5.559 SPACE RESEARCH (PASSIVE)	1. Fixed 2. Passive sensors (satellite).	1. Fixed: ECC/REC/(09)01, EN 302 217. High density fixed links. 2. Passive sensors (satellite): Atmospheric temperature sounding. Terrestrial passive radiometers.
59.3 - 64 GHz	FIXED INTER-SATELLITE MOBILE 5.558 RADIOLOCATION 5.559 5.138	1. Fixed 2. ISM 3. ITS	1. Fixed: ECC/REC/(09)01, EN 302 217. High density fixed links. 2. ISM: Within the band 61.0-51.5 GHz. 3. ITS: EN 302 686, ECC/DEC/(09)01. Within the band 63.72-65.88 GHz.

Frequency Band	National Allocation	National Usage	Remarks
64 - 65 GHz	FIXED INTER-SATELLITE MOBILE EXCEPT AERONAUTICAL MOBILE 5.547 5.556	1. Fixed. 2. Radio astronomy 3. ITS	1. Fixed: ECC/REC/(05)02, EN 302 217. High density fixed links. 2. Radio astronomy: Continuum and spectral line observations. 3. ITS: EN 302 686, ECC/DEC/(09)01. Within the band 63.72-65.88 GHz.
65 - 66 GHz	EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE EXCEPT AERONAUTICAL MOBILE SPACE RESEARCH 5.547	1. Fixed. 2. Land mobile 3. ITS 4. Land mobile	1. Fixed: ECC/REC/(05)02, EN 302 217. High density fixed links. 2. Land mobile: Broadband mobile systems for connection to IBCN paired with 62-63 GHz. 3. ITS: EN 302 686, ECC/DEC/(09)01. Within the band 63.72-65.88 GHz. 4. Land mobile: Broadband mobile systems for connection to IBCN paired with 62-63 GHz
66 - 71 GHz	INTER-SATELLITE MOBILE 5.553 5.558 MOBILE-SATELLITERADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554		
71 - 74 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE MOBILE-SATELLITE (SPACE-TO-EARTH)	1. Fixed	1. Fixed: ECC/REC/(05)07, EN 302 217.
74 - 75.5 GHz	BROADCASTING BROADCASTING-SATELLITE FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE Space Research (space-to-Earth) 5.561	1. Fixed 2. Space research	1. Fixed: ECC/REC/(05)07, EN 302 217. 2. Space research: VLBI measurements within the band 74-84 GHz.

Frequency Band	National Allocation	National Usage	Remarks
75.5 - 76 GHz	BROADCASTING BROADCASTING-SATELLITE FIXED FIXED-SATELLITE (SPACE-TO-EARTH) Amateur Amateur-Satellite 5.561 ECA35	1. Amateur 2. Amateur-satellite 3. Fixed 4. Space research	1. Amateur: EN 301 783. Within the band 75.5-81.5 GHz. 2. Amateur-satellite: Within the band 75.5-81.5 GHz. 3. Fixed: ECC/REC/(05)07, EN 302 217. 4. Space research: VLBI.
76 - 77.5 GHz	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-Satellite Space Research (space-to-Earth) 5.149	1. Amateur 2. Amateur-satellite 3. Automotive Short Range Radars 4. Radio astronomy 5. Radiolocation (civil) 6. Railway applications	1. Amateur: EN 301 783. Within the band 75.5-81.5 GHz. 2. Amateur-satellite: Within the band 75.5-81.5 GHz. 3. Automotive Short Range Radars: In accordance to the Decision 2004/545/EC in the frequency band 77-81 GHz 4. Radio astronomy: Continuum and spectral line observations. 5. Radiolocation (civil) 6. Railway applications: ERC/REC 70-03, EN 301 091. Obstruction/vehicle detection at level crossing.
77.5 – 78 GHz	AMATEUR AMATEUR-SATELLITE RADIOLOCATION 5.559B Space Research (space-to-Earth) 5.149	1. Amateur 2. Amateur-satellite 3. Automotive Short Range Radars 4. Radio astronomy	1. Amateur: EN 301 783. Within the band 75.5-81.5 GHz. 2. Amateur-satellite: Within the band 75.5-81.5 GHz. 3. Automotive Short Range Radars: In accordance to the Decision 2004/545/EC in the frequency band 77-81 GHz 4. Radio astronomy: Continuum and spectral line observations.
78 - 79 GHz	RADIOLOCATION Amateur Amateur-Satellite Radio Astronomy Space Research (space-to-Earth) 5.149 5.560	1. Amateur 2. Amateur-satellite 3. Automotive Short Range Radars 4. Radio astronomy 5. Radiolocation (civil)	1. Amateur: EN 301 783. Within the band 75.5-81.5 GHz. 2. Amateur-satellite: Within the band 75.5-81.5 GHz. 3. Automotive Short Range Radars: In accordance to the Decision 2004/545/EC in the frequency band 77-81 GHz 4. Radio astronomy: Continuum and spectral line observations. 5. Radiolocation (civil)
79 – 81 GHz	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-Satellite 5.149	1. Amateur 2. Amateur-satellite 3. Automotive Short Range Radars 4. Radio astronomy 5. Radiolocation (civil)	1. Amateur: EN 301 783. Within the band 75.5-81.5 GHz. 2. Amateur-satellite: Within the band 75.5-81.5 GHz. 3. Automotive Short Range Radars: In accordance to the Decision 2004/545/EC in the frequency band 77-81 GHz 4. Radio astronomy: Continuum and spectral line observations. 5. Radiolocation (civil)

Frequency Band	National Allocation	National Usage	Remarks
81 - 84 GHz	FIXED 5.338A FIXED-SATELLITE (EARTH-TO-SPACE) MOBILE MOBILE-SATELLITE (EARTH-TO-SPACE) RADIO ASTRONOMY Space Research (space-to-Earth) 5.149 5.561A	1. Amateur 2. Amateur-satellite 3. Fixed 4. Radio astronomy	1. Amateur: EN 301 783. Within the band 75.5-81.5 GHz. 2. Amateur-satellite: Within the band 75.5-81.5 GHz. 3. Fixed: ECC/REC/(05)07, EN 302 217. 4. Radio astronomy: Continuum and spectral line observations.
84 - 86 GHz	FIXED 5.338A FIXED-SATELLITE (EARTH-TO-SPACE) MOBILE RADIO ASTRONOMY 5.149	1. Fixed 2. Radio astronomy	1. Fixed: ECC/REC/(05)07, EN 302 217. 2. Radio astronomy: Continuum and spectral line observations.
86 - 92 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Measurement of clouds, oil spills, ice, snow, rain, reference window for the temperature sounding near 118 GHz. 2. Radio astronomy: Continuum and spectral line observations. VLBI.
92 - 94 GHz	FIXED 5.338A MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	1. Fixed 2. Radio astronomy	1. Fixed: ECC/REC/(14)01, ECC/REC/(18)02. 2. Radio astronomy: Continuum and spectral line observations.
94 - 94.1 GHz	EARTH EXPLORATION-SATELLITE (ACTIVE) RADIOLOCATION SPACE RESEARCH (ACTIVE) Radio Astronomy 5.562 5.562A	1. Active sensors (satellite) 2. Radio astronomy 3. Space research	1. Active sensors (satellite): Cloud radars. 2. Radio astronomy: Continuum and spectral line observations. 3. Space research

Frequency Band	National Allocation	National Usage	Remarks
94.1 - 95 GHz	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	1. Fixed 2. Radio astronomy	1. Fixed: ECC/REC/(14)01, ECC/REC/(18)02. 2. Radio astronomy: Continuum and spectral line observations.
95 - 100 GHz	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554	1. Radio astronomy 2. Fixed	1. Radio astronomy: Continuum and spectral line observations. 2. Fixed: ECC/REC/(18)02
100 - 102 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340 5.341	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Limb sounding of atmospheric constituents. 2. Radio astronomy: Continuum and spectral line observations.
102 - 105 GHz	FIXED MOBILE RADIO ASTRONOMY 5.149 5.341	1. Radio astronomy 2. Fixed	1. Radio astronomy: Continuum and spectral line observations. 2. Fixed: ECC/REC/(18)02
105-109.5 GHz	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.562B 5.149 5.341	1. Radio astronomy 2. Fixed	1. Radio astronomy: Continuum and spectral line observations. 2. Fixed: ECC/REC/(18)02
109.5-111.8 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340 5.341	1. Radio astronomy	1. Radio astronomy: Continuum and spectral line observations.

Frequency Band	National Allocation	National Usage	Remarks
111.8-114.25 GHz	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.562B 5.149 5.341	1. Radio astronomy 2. Fixed	1. Radio astronomy: Continuum and spectral line observations. 2. Fixed: ECC/REC/(18)02
114.25-116 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340 5.341	1. Radio astronomy	1. Radio astronomy: Continuum and spectral line observations.
116-119.98 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) INTER-SATELLITE 5.562C 5.341	1. Passive sensors (satellite)	1. Passive sensors (satellite): Passive sensing as part of the oxygen absorption band with peak at 118.75 GHz.
119.98-120.02 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) INTER-SATELLITE 5.562C 5.341	1. Passive sensors (satellite)	1. Passive sensors (satellite): Passive sensing as part of the oxygen absorption band with peak at 118.75 GHz.
120.02-122.25 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) INTER-SATELLITE 5.562C SPACE RESEARCH (PASSIVE) 5.138	1. Passive sensors (satellite)	1. Passive sensors (satellite): Passive sensing as part of the oxygen absorption band with peak at 118.75 GHz.
122.25-123 GHz	FIXED INTER-SATELLITE MOBILE 5.558 Amateur Amateur-Satellite 5.138	1. Amateur 2. Amateur-satellite	1. Amateur: EN 301 783. 2. Amateur-satellite

Frequency Band	National Allocation	National Usage	Remarks
123-130 GHz	FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE-SATELLITE (SPACE-TO-EARTH) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio Astronomy 5.149 5.554	1. Radio astronomy	1. Radio astronomy: Continuum and spectral line observations.
130-134 GHz	EARTH EXPLORATION-SATELLITE (ACTIVE) 5.562E FIXED INTER-SATELLITE MOBILE 5.558 RADIO ASTRONOMY 5.149 5.562A	1. Radio astronomy 2. Fixed	1. Radio astronomy: Continuum and spectral line observations. 2. Fixed: ECC/REC/(18)02
134-136 GHz	AMATEUR AMATEUR-SATELLITE Radio Astronomy	1. Amateur 2. Amateur-satellite 3. Radio astronomy	1. Amateur: EN 301 783. Within the band 134-141 GHz. 2. Amateur-satellite: Within the band 134-141 GHz. 3. Radio astronomy: Continuum and spectral line observations.
136-141 GHz	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-Satellite 5.149	1. Amateur 2. Amateur-satellite 3. Radio astronomy	1. Amateur: EN 301 783. Within the band 134-141 GHz. 2. Amateur-satellite: Within the band 134-141 GHz. 3. Radio astronomy: Continuum and spectral line observations.
141-148.5 GHz	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	1. Radio astronomy 2. Fixed	1. Radio astronomy: Continuum and spectral line observations. 2. Fixed: ECC/REC/(18)02
148.5-151.5 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Harmonised reference window for passive sensor observations. 2. Radio astronomy: Continuum and spectral line observations.

Frequency Band	National Allocation	National Usage	Remarks
151.5-155.5 GHz	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	1. Radio astronomy 2. Fixed	1. Radio astronomy: Continuum and spectral line observations. 2. Fixed: ECC/REC/(18)02
155.5-158.5 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.562B 5.149 5.562G	1. Passive sensors (satellite) 2. Radio astronomy 3. Fixed	1. Passive sensors (satellite): Protection until 1.1.2018. 2. Radio astronomy: Spectral line and wide band continuum observations. 3. Fixed: ECC/REC/(18)02
158.5-164 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE MOBILE-SATELLITE (SPACE-TO-EARTH)	1. Fixed	1. Fixed: ECC/REC/(18)02
164-167 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Passive sensor of the water absorption line whose peak is at 183.31 GHz. Atmospheric limb sounding of the 164.38 GHz CO line. 2. Radio astronomy: Continuum and spectral line observations.
167-174.5 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) INTER-SATELLITE MOBILE 5.558 5.149	1. Fixed 2. Radio astronomy	1. Fixed: ECC/REC/(18)01 2. Radio astronomy: Within the band 168-174.5 GHz. Continuum and spectral line observations.
174.5-174.8 GHz	FIXED INTER-SATELLITE MOBILE 5.558	1. Fixed	1. Fixed: ECC/REC/(18)01

Frequency Band	National Allocation	National Usage	Remarks
174.8- 182 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) INTER-SATELLITE 5.562H SPACE RESEARCH (PASSIVE)	1. Passive sensors (satellite)	1. Passive sensors (satellite): Passive sensing of the water vapour absorption line whose peak is at 183.31 GHz.
182-185 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Passive sensing of the water vapour absorption line whose peak is at 183.31 GHz. 2. Radio astronomy: Continuum and spectral line observations.
185-190 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) INTER-SATELLITE 5.562H SPACE RESEARCH (PASSIVE)	1. Passive sensors (satellite)	1. Passive sensors (satellite): Passive sensing of the water vapour absorption line whose peak is at 183.31 GHz.
190-191.8 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Passive sensing of the water vapour absorption line whose peak is at 183.31 GHz. 2. Radio astronomy: Continuum and spectral line observations.
191.8-200 GHz	FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.341 5.554	1. Radio astronomy	1. Radio astronomy: Continuum and spectral line observations.
200-202 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340 5.341 5.563A	1. Earth exploration-satellite 2. Radio astronomy	1. Earth exploration-satellite: (EESS) Atmospheric limb sounding and atmospheric remote sensing of nitrous oxide at 201 GHz. 2. Radio astronomy: Continuum and spectral line observations.

Frequency Band	National Allocation	National Usage	Remarks
202-209 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340 5.341 5.563A	1. Earth exploration-satellite 2. Radio astronomy	1. Earth exploration-satellite: (EESS) Atmospheric limb sounding and atmospheric remote sensing of water vapour at 203.4 GHz and ozone at 208.5 GHz. 2. Radio astronomy: Continuum and spectral line observations.
209-217 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) MOBILE RADIO ASTRONOMY 5.149 5.341	1. Radio astronomy	1. Radio astronomy: Continuum and spectral line observations.
217-226 GHz	FIXED FIXED-SATELLITE (EARTH-TO-SPACE) MOBILE RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.562B 5.149 5.341	1. Radio astronomy	1. Radio astronomy: Continuum and spectral line observations.
226-231.5 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Atmospheric limb sounding. Reference window for higher frequency water vapour measurements. 2. Radio astronomy: Continuum and spectral line observations (e.g. CO line), VLBI.
231.5-232 GHz	FIXED MOBILE Radiolocation		
232-235 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE Radiolocation		

Frequency Band	National Allocation	National Usage	Remarks
235-238 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) FIXED-SATELLITE (SPACE-TO-EARTH) SPACE RESEARCH (PASSIVE) 5.563A 5.563B	1. Passive sensors (satellite) 2. Radio astronomy	1. Passive sensors (satellite): Passive sensing limited to microwave sounding. 2. Radio astronomy: Continuum and spectral line observations.
238-240 GHz	FIXED FIXED-SATELLITE (SPACE-TO-EARTH) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE		
240-241 GHz	FIXED MOBILE RADIOLOCATION		
241-248 GHz	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-Satellite 5.138 5.149	1. Amateur 2. Amateur-satellite 3. Radio astronomy	1. Amateur: EN 301 783. Within the band 241-250 GHz. 2. Amateur-satellite: Within the band 241-250 GHz. 3. Radio astronomy: Continuum and spectral line observations.
248-250 GHz	AMATEUR AMATEUR-SATELLITE Radio Astronomy 5.149	1. Amateur 2. Amateur-satellite 3. Radio astronomy	1. Amateur: EN 301 783. Within the band 241-250 GHz. 2. Amateur-satellite: Within the band 241-250 GHz. 3. Radio astronomy: Continuum and spectral line observations.
250-252 GHz	EARTH EXPLORATION-SATELLITE (PASSIVE) RADIO ASTRONOMY SPACE RESEARCH (PASSIVE) 5.340 5.563A	1. Earth exploration-satellite 2. Radio astronomy	1. Earth exploration-satellite: (EESS) Limb sounding of nitrous oxide near 251 GHz. 2. Radio astronomy: Continuum and spectral line observations.

Frequency Band	National Allocation	National Usage	Remarks
252-265 GHz	FIXED MOBILE MOBILE-SATELLITE (EARTH-TO-SPACE) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554	1. Radio astronomy	1. Radio astronomy: Continuum and spectral line observations.
265 - 275 GHz	FIXED FIXED-SATELLITE FIXED-SATELLITE (EARTH-TO-SPACE) MOBILE RADIO ASTRONOMY 5.149 5.563A	1. Radio astronomy	1. Radio astronomy: Continuum and spectral line observations.
275-1000 GHz	NOT ALLOCATED 5.565		

National Usage in the Radiofrequency Spectrum 9 kHz up to 1000 GHz
for Equipment Using Ultra Wideband Technology (UWB)

Frequency Band	Remarks
below 1,6 GHz	In accordance to the Implementing Decision 2019/785/EU
1,6 - 2,7 GHz	In accordance to the Implementing Decision 2019/785/EU
2,7 - 3,1 GHz	In accordance to the Implementing Decision 2019/785/EU
3,1 - 3,4 GHz	In accordance to the Implementing Decision 2019/785/EU
3,4 - 3,8 GHz	In accordance to the Implementing Decision 2019/785/EU
3,8 - 4,8 GHz	In accordance to the Implementing Decision 2019/785/EU
4,8 - 6,0 GHz	In accordance to the Implementing Decision 2019/785/EU
6,0 - 8,5 GHz	In accordance to the Implementing Decision 2019/785/EU
8,5 - 9 GHz	In accordance to the Implementing Decision 2019/785/EU
9 - 10,6 GHz	In accordance to the Implementing Decision 2019/785/EU
above 10,6 GHz	In accordance to the Implementing Decision 2019/785/EU

National Usage in the Radiofrequency Spectrum 9 kHz up to 1000 GHz
for Short Range Devices (SRDs) that are not included in Part 1.1 of the Radiofrequency Plan of the Republic

Frequency Band	SRD type	Remarks
9 kHz – 30 MHz	Inductive devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
9 kHz – 130 MHz	Radio determination devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
9-315 kHz.	Active medical implant devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
400-600 kHz	Radio Frequency Identification (RFID) devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
442.2-450.0 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
456.9-457.1 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
984-7484 kHz	Transport and Traffic Telematics devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
7300-23000 kHz	Transport and Traffic Telematics devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
13553-13567 kHz	Radio Frequency Identification (RFID) devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
13553-13567 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU

26957-27283 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
26990-27000 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
27040-27050 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
27090-27100 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
27140-27150 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
27190-27200 kHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
30-37.5 MHz	Active medical implant devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
40.66-40.7 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
87.5-108 MHz	High duty cycle/continuous transmission devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
169.4-169.475 MHz	Assistive Listening Devices (ALD)	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
169.4-169.475 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
169.4875- 169.5875 MHz	Assistive Listening Devices (ALD)	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
169.4875- 169.8125 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU

173.965-216 MHz	Assistive Listening Devices (ALD)	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
401-406 MHz	Active medical implant devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
430-440 MHz	Medical data acquisition devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
433.05-434.79 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
446.0-446.2 MHz	PMR446	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
862-868.6 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
863-865 MHz	High duty cycle/continuous transmission devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
863-868 MHz	Wideband data transmission devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
865-868 MHz	Radio Frequency Identification (RFID) devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
868.6-868.7 MHz	Low duty cycle/high reliability devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
868.7-869.2 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
869.2–869.4 MHz	Low duty cycle/high reliability devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
869.4-869.65 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU

869.65-869.7 MHz	Low duty cycle/high reliability devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
869.7-870 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
874-874.4 MHz	Non-specific short- range devices	In accordance with: Implementing Decision 2018/1538/EU, Implementing Decision 2022/172/EU
917.4-919.4 MHz	Wideband data transmission devices	In accordance with: Implementing Decision 2018/1538/EU, Implementing Decision 2022/172/EU
916.1-918.9 MHz	Radio Frequency Identification (RFID) devices	In accordance with: Implementing Decision 2018/1538/EU, Implementing Decision 2022/172/EU
917.3-918.9 MHz	Non-specific short- range devices	In accordance with: Implementing Decision 2018/1538/EU, Implementing Decision 2022/172/EU
917.4-919.4 MHz	Non-specific short- range devices	In accordance with: Implementing Decision 2018/1538/EU, Implementing Decision 2022/172/EU
2400-2483.5 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
2400-2483.5 MHz	Radio determination devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
2400-2483.5 MHz	Wideband data transmission devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
2446-2454 MHz	Radio Frequency Identification (RFID) devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
2483.5-2500 MHz	Active medical implant devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
2483.5-2500 MHz	Medical data acquisition devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
4500-7000 MHz	Radio determination devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU

5725-5875 MHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
5795-5815 MHz	Transport and Traffic Telematics devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
5855-5875 MHz	Transport and Traffic Telematics devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
6000-10600 MHz	Radio determination devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
17.1-17.3 GHz	Radio determination devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
24.05-24.25 GHz	Transport and Traffic Telematics devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
24.05-27 GHz	Radio determination devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
24.15-24.25 GHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
57-64 GHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
57-64 GHz	Radio determination devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
57-71 GHz	Wideband data transmission devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
61-61.5 GHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
63.72-65.88 GHz	Transport and Traffic Telematics devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU

75-85 GHz	Radio determination devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
76-77 GHz	Transport and Traffic Telematics devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
122-123 GHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU
244-246 GHz	Non-specific short- range devices	In accordance with: Decision 2006/771/EC, Implementing Decision 2019/1345/EU, Implementing Decision 2022/180/EU

Part 2

European footnotes included in the European Common Allocation Table

The footnotes are available for the public at the Department of Electronic Communications of the Deputy Ministry of Research, Innovation and Digital Policy.

Part 3

ITU Radio Regulations footnotes for Region 1

The footnotes are available for the public at the Department of Electronic Communications of the Deputy Ministry of Research, Innovation and Digital Policy.

LIST OF ABBREVIATIONS

(OR)	- Off-Route
(R)	- Route
AES	- Aircraft Earth Stations
AGA	- Air Ground Air
AIS	- Automatic Identification System
ALS	- Assistive Listening Systems
ALD	- Assistive Listening Devices
AMS(R)S	- Aeronautical Mobile Satellite (Route) Services
APP	- Appendix of the ITU Radio Regulations
AVI	- Automatic Vehicle Identification
BBDR	- Broad Band Disaster Relief
BFWA	- Broadband Fixed Wireless Access
BSS	- Broadcasting Satellite Service
BMA	- Building Material Analysis
CB	- Citizen Band
CEPT	- European Conference of Postal and Telecommunications Administrations
CGC	- Complementary Ground Component
CRS	- Central Radio Station
DA2GC	- Direct Air-to-Ground Communications
DEC	- Decision
DECT	- Digital Enhanced Cordless Telecommunication
DME	- Distance Measuring Equipment
DMO	- Direct Mode Operation
DSC	- Digital Selective Calling
DSI	- Detailed Spectrum Investigation
DVB-T	- Terrestrial Digital Video Broadcasting
E/s	- Earth-to-space direction
ECA	- European Common Allocation
ECC	- Electronic Communications Committee
ECM	- Electronic Countermeasures
ECP	- European Common Proposal
EESS	- Earth Exploration-Satellite Service
EGSM	- Extended GSM
EISCAT	- European Incoherent Scatter facility
ENG	- Electronic News Gathering
EPIRB	- Emergency Position-Indicating Radiobeacon
ERC	- European Radiocommunications Committee
ERO	- European Radiocommunications Office
ESOMPs	- Earth Stations On Mobile Platforms

EST	- Earth Stations on Trains
ESV	- Earth Stations on-board Vessels
EU	- EUropean footnote
FDD	- Frequency Division Duplex
FM	- Frequency Modulation
FSS	- Fixed-Satellite Service
FWA	- Fixed Wireless Access
GALILEO	- European Global Navigation Satellite System
GBAS	- Ground Based Augmentation System
GBSAR	- Ground Based Synthetic Aperture Radar
GE75	- Geneva 1975 Agreement
GE85	- Geneva 1985 Agreement
GLONASS	- Global Navigation Satellite System
GMDSS	- Global Maritime Distress and Safety System
GNSS	- Global Navigation Satellite System
GPR/WPR	- Ground Probing Radar / Wall Probing Radar
GPS	- Global Positioning System
GSM	- Global System for Mobile Communications
GSM 1800	- Global System for Mobile Communications using 1800 MHz band
GSM-R	- GSM for Railways
GSO	- GeoStationary Orbit
HAPS	- High Altitude Platform Systems
HDFS	- High Density Fixed Service
HDFSS	- High Density Fixed-Satellite Service
HDTV	- High Definition Television
HEST	- High E.i.r.p. Satellite Terminals
HF	- High Frequency
HIPERLAN	- High Performance Radio Local Area Network
IALA	- International Association of Lighthouse Authorities
IBCN	- Integrated Broadband Communications Network
ILS	- Instrument Landing System
IMO	- International Maritime Organisation
IMT	- International Mobile Telecommunications
IMT-2000	- International Mobile Telecommunications-2000
ISM	- Industrial, Scientific and Medical
ITS	- Intelligent Transport System
ITU	- International Telecommunication Union
JTIDS	- Joint Tactical Information Distribution System
LAES	- Location Application for Emergency Services
LDC	- Low Duty Cycle
LEST	- Low E.i.r.p. Satellite Terminals
LP-AMI Implants	- Low Power Active Medical Implants

LPR	- Level Probing Radar
LT2	- Location Tracking Type 2
MBANS	- Medical Body Area Network Systems
MBR	- Maritime Broadband Radio Links
MCA	- Mobile Communications Services on Board Aircraft
MCV	- Mobile Communication Services on Board Vessels
MES	- Mobile Earth Stations
MFCN	- Mobile/Fixed Communications Networks
MIDS	- Multifunctional Information Distribution System
MLS	- Microwave Land System
MSI	- Maritime Safety Information
MSS	- Mobile-Satellite Service
MWS	- Multimedia Wireless System
NATO	- North Atlantic Treaty Organisation
NAVTEX	- Narrow-band direct-printing telegraphy system for transmission of navigational and meteorological warnings and urgent information to ships
NDB	- Non-Directional Beacon
NGSO	- Non-GeoStationary Orbit
NJFA	- NATO Joint Civil/Military Frequency Agreement
OB	- Outside Broadcasting
PAMR	- Public Access Mobile Radio
PKO	- Peace Keeping Operations
PMR	- Professional Mobile Radio, Private Mobile Radio
PMSE	- Programme Making and Special Events
PPDR	- Public Protection και Disaster Relief
RA	- Radio Astronomy
REC	- Recommendation
RFID	- Radio Frequency Identification
RLANS	- Radio Local Area Network System
RR	- ITU Radio Regulations
s/E	- space-to-Earth direction
SAB	- Services Ancillary to Broadcasting
SAP	- Services Ancillary to Programming
SAR(επικοινωνίες)	- Search και Rescue
SIT	- Satellite Interactive Terminal
SNG	- Satellite News Gathering
S-PCS	- Satellite Personal Communication System
SRD	- Short Range Device
SRR	- Short Range Radar
SSR	- Secondary Surveillance Radar
SUT	- Satellite User Terminal
TACAN	- Tactical Air Navigation
T-DAB	- Terrestrial Digital Audio Ραδιοτηλεοπτική εκπομπή

TDD	- Time Division Duplex
TETRA	- Terrestrial Trunked Radio
TLPR	- Tank Level Probing Radar
TRR	- Tactical Radio Relays
TS	- Terminal Station
TTT	- Transport and Traffic Telematics
TV	- Television
UIC	- International Union for Railways
ULP-AMI	- Ultra Low Power Active Medical Implants
ULP-WMCE	- Ultra-Low Power Wireless Medical Capsule Endoscopy
UMTS	- Universal Mobile Telecommunications System
UWB	- Ultra – Wideband
VLBI	- Very Long Baseline Interferometry (Radio Astronomy)
VOR	- VHF Omni-directional Range
VSAT	- Very Small Aperture Terminal
VTS	- Vessel Traffic System (radar)
WAIC	- Wireless Avionics Intra-Communication systems
WARC	- World Administrative Radio Conference
WAS	- Wireless Access System
WIA	- Wireless Industrial Applications
WRC	- World Radiocommunication Conference