

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
27.5 - 28	METEOROLOGICAL AIDS FIXED MOBILE	METEOROLOGICAL AIDS SRD 5-30 MHz MOBILE	ERC/REC 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC
28 - 29.7	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE SRD 5-30 MHz	Amateur reg. CEPT T/R 61-01 ERC/REC 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC
29.7 - 30.005	FIXED MOBILE	FIXED MOBILE SRD 5-30 MHz	ERC/REC 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC
30.005 - 30.01	SPACE OPERATION (satellite identificat) FIXED MOBILE SPACE RESEARCH		
30.01 - 37.5	FIXED MOBILE	MOBILE Private Mobile Radio SRD – Short Range Devices (32.3, 30.015, 30.925) Wireless Microphones (36.7, 37.04, 37.1, 37.4, 37.5) Tele command for Aircraft mod. (34.995 – 35.225 MHz) ULP-AMI (30-37.5 MHz)	CEPT T/R 70-03 ERC/DEC (01)11 CEPT T/R 70-03
37.5 - 38.25	FIXED MOBILE Radio Astronomy 5.149	MOBILE Private Mobile Service SRD – Short Range Devices Wireless microphones (37.5, 37.9)	
38.25 - 39.986	FIXED MOBILE	MOBILE	
39.986 - 40.02	FIXED MOBILE Space Research		

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
40.02 - 40.98	FIXED MOBILE 5.150	MOBILE Private Mobile Radio SRD - Short Range Devices (40.66-40.70) ISM - Industrial, Scientific and Medical Application (40.66 – 40.70)	CEPT T/R 70-03 ERC/DEC (01)12 ERC/DEC (01)03 Commission Dec 2005/82/EC Commission Dec 2006/771/EC Commission Dec 2008/432/EC CEPT T/R 20-03
40.98 - 41.015	FIXED MOBILE Space Research		
41.015 - 47	FIXED MOBILE 5.162A	MOBILE SRD – Short Range Devices Wireless Microphones (41-43.6 MHz)	
47 - 68	BROADCASTING 5.162A	BROADCASTING Amateur 50-52 MHz	TV channels 2-4
68 - 74.8	FIXED MOBILE except aeronautical mobile	FIXED LAND MOBILE	ECC/DEC/(06)06 ERC/DEC/(98)10
74.8 - 75.2	AERONAUTICAL RADIONAVIGATION 5.180	AERONAUTICAL RADIONAVIGATION Aeronautical radio beacons – ILS/Glide path markers	ICAO Annex 10
75.2 - 87.5	FIXED MOBILE except aeronautical mobile	FIXED LAND MOBILE	ECC/DEC/(06)06 ERC/DEC/(98)10
87.5 - 108	BROADCASTING	BROADCASTING SRD - Wireless Audio	ERC/REC 54-01 ERC/DEC/(96)13 ERC/REC 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC
108 - 117.975	AERONAUTICAL RADIONAVIGATION	AERONAUTICAL RADIONAVIGATION ILS/Localizer 108 – 112 MHz VOR 108 – 117.975 MHz	ICAO Annex 10
117.975 - 137	AERONAUTICAL MOBILE (R) 5.111, 5.200, 5.201, 5.202,	AERONAUTICAL MOBILE (R) ILS Localizer 108-112 MHz VOR 112-117.975 MHz 121.45-121.55 MHz EPIRB (earth to sp.)	RR Appendix S13 ICAO Annex 10 121.5 MHz EPIRB

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
137 - 137.025	SPACE OPERATION (space to earth) METEOROLOGICAL-SATELLITE (space to earth) SPACE RESEARCH (space to earth) MOBILE-SATELLITE (space to earth) 5.208A, 5.209 Fixed Mobile except aeronautical mobile (R) S5.208	METEOROLOGICAL-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth)	ERC/DEC/(99)06 ERC/DEC/(99)05
137.025 - 137.175	SPACE OPERATION (space to earth) METEOROLOGICAL-SATELLITE (space to earth) SPACE RESEARCH (space to earth) Fixed Mobile-Satellite (space to earth) 5.208A, 5.209 Mobile except aeronautical mobile (R) 5.208	METEOROLOGICAL-SATELLITE (space to earth) Mobile-Satellite (space to earth)	ERC/DEC/(99)06 ERC/DEC/(99)05
137.175 - 137.825	SPACE OPERATION (space to earth) METEOROLOGICAL-SATELLITE (space to earth) SPACE RESEARCH (space to earth) MOBILE-SATELLITE (space to earth) 5.208A, 5.209 Fixed Mobile except aeronautical mobile (R) 5.208	METEOROLOGICAL-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth)	ERC/DEC/(99)06 ERC/DEC/(99)05
137.825 - 138	SPACE OPERATION (space to earth) METEOROLOGICAL-SATELLITE (space to earth) SPACE RESEARCH (space to earth) Fixed Mobile-Satellite (space to earth) 5.208A, 5.209 Mobile except aeronautical mobile (R) 5.208	METEOROLOGICAL-SATELLITE (space to earth) Mobile-Satellite (space to earth)	ERC/DEC/(99)06 ERC/DEC/(99)05
138 - 143.6	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR) 138.2-138.45 MHz SRD	CEPT T/R 70-03
143.6 - 143.65	AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space to earth)	AERONAUTICAL MOBILE (OR)	
143.65 - 144	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	
144 - 146	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Amateur reg. CEPT T/R 61-01
146 - 148	FIXED MOBILE except Aeronautical Mobile (R)	LAND MOBILE Private Mobile Radio	ECC/DEC/(06)06 ERC/DEC/(98)10

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
148 – 149.9	FIXED MOBILE except Aeronautical Mobile (R) MOBILE-SATELLITE (earth to space) 5.209 SPACE OPERATION (earth to space) 5.218 5.219, 5.221	LAND MOBILE Private Mobile Radio MOBILE-SATELLITE (earth to space)	ECC/DEC/(06)06 ERC/DEC/(98)10 ERC/DEC/(99)06 ERC/DEC/(99)05
149.9 – 150.05	RADIONAVIGATION-SATELLITE 5.224B MOBILE-SATELLITE (earth to space) 5.209, 5.224A 5.220, 5.222, 5.223	MOBILE-SATELLITE (earth to space)	ERC/DEC/(99)06 ERC/DEC/(99)05
150.05 - 153	FIXED MOBILE except Aeronautical Mobile RADIO ASTRONOMY 5.149	LAND MOBILE Private Mobile Radio	ECC/DEC/(06)06 ERC/DEC/(98)10
153 - 154	FIXED MOBILE except Aeronautical Mobile (R) Meteorological Aids	LAND MOBILE Private Mobile Radio SRD – Short Range Devices 153.8625	ECC/DEC/(06)06 ERC/DEC/(98)10
154 – 156.7625	FIXED MOBILE except Aeronautical Mobile (R)	LAND MOBILE Private Mobile Radio MARITIME MOBILE 156 - 156.7625 MHz	ECC/DEC/(06)06 ERC/DEC/(98)10 RR Appendix S18 RR Appendix S13 156.525 MHz ch.70
156.7625 – 156.8375	MARITIME MOBILE (distress and calling) 5.111, 5.226	MARITIME MOBILE (distress and calling)	RR Appendix S13 RR Appendix S18 156.8 MHz ch.16
156.8375 - 174	FIXED MOBILE except Aeronautical Mobile (R) 5.227A, 5.227, 5.226	FIXED (165.5 - 166.5 / 171 - 172 MHz) LAND MOBILE Private Mobile Radio SRD 169.4-169.8125 Aids for handicapped 173.965-174.015, 169.4000-169.475 MHz MARITIME MOBILE 156.8375-157.425 /160.625-162.025 AIS 161.975 and 162.025 MHz	Single channel links ECC/DEC/(06)06 ERC/DEC/(98)10 ERC/REC 70-03 Commission Dec 2005/513/EC ECC/DEC/(05)02 Commission Dec 2005/82/EC Commission Dec 2005/928/EC Commission Dec 2008/673/EC ERC/REC 70-03 RR Appendix S18 ERC DEC (99)17

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
174 - 223	BROADCASTING	BROADCASTING Land Mobile Aids for handicapped 173.965-174.015	TV channels 5-12 Wireless micro-phones. Individual Licence. ERC/REC 70-03
223 - 230	BROADCASTING Fixed Mobile	BROADCASTING Land Mobile	TV channel 12 Wireless micro-phones. Individual Licence.
230 - 235	FIXED MOBILE	MOBILE T-DAB – Terrestrial Digital Audio Broadcasting (230 – 240 MHz)	Planned
235 - 267	FIXED MOBILE 5.254, 5.256, 5.111	MOBILE T-DAB – Terrestrial Digital Audio Broadcasting (230 – 240 MHz) 242.95-243.05 MHz EPIRB (earth to sp.)	RR Article S9.21 Planned 243 MHz EPIRB
267 - 272	FIXED MOBILE Space Operation (space to earth) 5.254	MOBILE	RR Article S9.21
272 - 273	FIXED MOBILE SPACE OPERATION (space to earth) 5.254	MOBILE	RR Article S9.21
273 - 312	FIXED MOBILE 5.254	MOBILE	RR Article S9.21
312 - 315	FIXED MOBILE Mobile-Satellite (earth to space) 5.254, 5.255	MOBILE	RR Article S9.21
315 - 322	FIXED MOBILE 5.254	MOBILE	
322 - 328.6	FIXED MOBILE RADIO ASTRONOMY 5.149	MOBILE	
328.6 - 335.4	AERONAUTICAL RADIONAVIGATION 5.258	AERONAUTICAL RADIONAVIGATION	ILS (glide path)

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
335.4 - 387	FIXED MOBILE 5.254	MOBILE - TETRA – Emergency Service (380 – 385 MHz) - TETRA (385 – 390 MHz)	ECC/DEC/(08)05 ERC/DEC (01)20 ERC/DEC (01)19 ECC/DEC/(06)05 CEPT T/R 02-02 ERC/DEC/(99)03 ERC/DEC/(99)02 CEPT T/R 22-05
387 - 390	FIXED MOBILE Mobile-Satellite (space to earth) 5.254, 5.255, 5.208A	FIXED MOBILE - TETRA (385 – 390 MHz)	4-10 channel links Planned ERC/DEC (96)04 ERC/DEC/(99)03 ECC/DEC/(08)05 CEPT T/R 22-05 ERC/DEC/(99)02 ERC/DEC/(99)06 ERC/DEC/(99)05
390 - 399.9	FIXED MOBILE 5.254	FIXED MOBILE - TETRA – Emergency Service (390 – 395 MHz) - TETRA (395 – 399.9 MHz)	4-10 channel links ECC/DEC/(08)05 ERC/DEC (01)20 ERC/DEC (01)19 ECC/DEC/(06)05 ERC/DEC/(99)03 ERC/DEC/(99)02 CEPT T/R 02-02 ERC/DEC/(99)03 ERC/DEC/(99)02 CEPT T/R 22-05
399.9 - 400.05	RADIONAVIGATION-SATELLITE 5.222, 5.260, 5.224B MOBILE-SATELLITE (earth to space) 5.209, 5.224A 5.220		ERC/DEC/(99)06 ERC/DEC/(99)05
400.05 - 400.15	STANDARD FREQUENCY AND TIME SIGNAL (400.1 MHz) 5.261		
400.15 - 401	METOROLOGICAL AIDS METOROLOGICAL-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth) 5.208A, 5.209 SPACE RESEARCH (space to earth) 5.263 Space Operation (space to earth) 5.264	METOROLOGICAL AIDS METOROLOGICAL-SATELLITE (space to earth)	ERC/DEC/(99)06 ERC/DEC/(99)05

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
401 - 402	EARTH EXPLORATION-SATELLITE (earth to space) METEOROLOGICAL AIDS SPACE OPERATION (space to earth) METEOROLOGICAL-SATELLITE (earth to space) Fixed Mobile except aeronautical mobile	EARTH EXPLORATION-SATELLITE (earth to space) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (earth to space) Fixed Mobile except aeronautical mobile SRD 401-406 MHz Active Medical Implants	CEPT T/R 70-03 ERC/DEC (01)17
402 - 403	EARTH EXPLORATION-SATELLITE (earth to space) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (earth to space) Fixed Mobile except aeronautical mobile	EARTH EXPLORATION-SATELLITE (earth to space) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (earth to space) Fixed Mobile except aeronautical mobile SRD 401-406 MHz Active Medical Implants	CEPT T/R 70-03 ERC/DEC (01)17 Commission Dec 2006/771/EC Commission Dec 2008/432/EC
403 - 406	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile SRD 401-406 MHz Active Medical Implants	CEPT T/R 70-03 ERC DEC (01)17 Commission Dec 2006/771/EC Commission Dec 2008/432/EC
406 - 406.1	MOBILE SATELLITE (earth to space) 5.266, 5.267	MOBILE SATELLITE (earth to space)	COSPAS-SARSAT EPIRB RR Appendix S13
406.1 – 410	FIXED MOBILE except Aeronautical Mobile RADIOASTRONOMY 5.149	FIXED MOBILE	4-10 channel links ECC/DEC (02)05 ECC/DEC/(06)06
410 – 420	FIXED MOBILE except Aeronautical Mobile Space Research (space to space) 5.268	FIXED MOBILE - TETRA - Wideband Digital Land Mobile PMR/PAMR	4-10 channel links ECC/DEC (02)05 ECC/DEC/(06)06 Planned ERC/DEC/(99)03 CEPT T/R 22-05 ECC/DEC/(04)06
420 - 430	FIXED MOBILE except Aeronautical Mobile Radiolocation	FIXED MOBILE except aeronautical mobile - TETRA - Wideband Digital Land Mobile PMR/PAMR	4-10 channel links ECC/DEC (02)05 ECC/DEC/(06)06 Planned ERC/DEC (96)04 ERC/DEC/(99)03 CEPT T/R 22-05 ECC/DEC/(04)06

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
430 - 440	AMATEUR RADIOLOCATION 5.138, 5.282	AMATEUR SRD - Short Range Devices (433.05 – 434.79 MHz) ISM - Industrial, Scientific and Medical Applications (433.05 – 434.79 MHz)	Amateur Reg. CEPT T/R 61-01 CEPT T/R 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC
440 - 450	FIXED MOBILE except Aeronautical Mobile Radiolocation 5.286	FIXED (441.5-442.5 paired with 451.5-452.5) LAND MOBILE - Private Mobile Radio - 446.0-446.1 MHz Analog PMR446 - 446.1-446.2 MHz Digital PMR446	Single channel links ECC/DEC (02)05 ECC/DEC/(06)06 ERC/DEC/(98)10 ERC/DEC (98)25 ERC/DEC/(98)26 ERC/DEC/(98)27 ECC/DEC/(05)12
450 - 460	FIXED MOBILE 5.287	FIXED (451.5-452.5 paired with 441.5-442.5) (459.5-460.0 paired with 469.5-470.0) MOBILE - NMT450 Public Analog Mobile System 453-457.475 MHz - Telemetry (458.5 – 459.0 MHz) - Private Mobile radio - On board communication (maritime) (467.525, 467.550, 467.575 MHz) - Wideband Digital Land Mobile PMR/PAMR	Single channel links ECC/DEC (02)05 ECC/DEC/(06)06 ERC/DEC/(98)10 S5.287
460 - 470	FIXED MOBILE 5.287 Meteorological-Satellite (sp. to earth) 5.289	FIXED (469.5-470.0 paired with 459.5-460.0) MOBILE - NMT450 Public Analog Mobile System (463-467.475 MHz) - Public national radio paging (468.975 MHz) - Private Mobile radio - On board communication (maritime) (467.525, 467.550, 467.575 MHz) - Private radio paging (469.0 – 469.5 MHz) - Wideband Digital Land Mobile PMR/PAMR	Single channel links ECC/DEC (02)05 ECC/DEC/(06)06 ERC/DEC/(98)10 S5.287

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
470 - 790	BROADCASTING Land Mobile S5.296 Radio Astronomy S5.306 5.149	BROADCASTING Land Mobile	TV channels 21-60 Wireless Micro-phones. Individual licence ERC/REC 70-03
790 - 862	BROADCASTING FIXED MOBILE except aeronautical mobile 5.316B	BROADCASTING (790-830 MHz) FIXED LAND MOBILE (790-830 MHz)	TV channels 61-65 Wireless Micro-phones. Individual Licence. ERC/REC 70-03
862 - 890	FIXED MOBILE except aeronautical mobile 5.317A	FIXED MOBILE - RFID (865-868 MHz) - SAS – Social Alarm System (869.200 – 869.250 MHz) - Alarms (868.6-868.7, 869.25-869.3, 869.65-869.7, 869.3-869.4) - SRD – Short Range Devices (863-870) - Wireless Audio (863-865 MHz) - Wideband Digital Land Mobile PMR/PAMR (870-876 MHz) - GSM (880-915 and 925-960 MHz)	 CEPT T/R 70-03 Commission Dec 2006/804/EC Commission Dec 2008/432/EC CEPT T/R 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC CEPT T/R 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC CEPT T/R 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC ECC/DEC/(06)13 ERC/DEC/(97)02
890 - 960	FIXED MOBILE except aeronautical mobile 5.317A Radiolocation (890-942 MHz)	FIXED MOBILE GSM – (880-915 and 925-960 MHz) - Wideband Digital Land Mobile PMR/PAMR (915-921 MHz)	ERC/DEC/(94)01 CEPT T/R 75-02 ECC/REC(05)01 ECC/DEC/(06)13 ERC/DEC/(98)20 ERC/DEC/(97)02

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
960 - 1215	AERONAUTICAL RADIONAVIGATION 5.328, 5.328A, 5.327A	AERONAUTICAL RADIONAVIGATION	Flight, Safety and Navigation Systems DME, TACAN, SSR ICAO Annex 10
1215 - 1240	RADIOLOCATION RADIONAVIGATION-SATELLITE (space to earth) (space to space) 5.329 5.329A EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) 5.332	RADIOLOCATION RADIONAVIGATION-SATELLITE (space to earth) - GPS - Global Positioning System	
1240 - 1260	RADIOLOCATION RADIONAVIGATION-SATELLITE (space to earth) (space to space) 5.329 5.329A EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) Amateur 5.332	RADIOLOCATION Amateur	Amateur reg. CEPT T/R 61-01
1260 - 1300	RADIOLOCATION RADIONAVIGATION-SATELLITE (space to earth) (space to space) 5.329 5.329A EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) Amateur 5.282, 5.332, 5.335A	RADIOLOCATION Amateur	Amateur reg. CEPT T/R 61-01
1300 - 1350	AERONAUTICAL RADIONAVIGATION 5.337 RADIONAVIGATION –SATELLITE (Earth to space) RADIOLOCATION 5.149, 5.337A	RADIOLOCATION	
1350 - 1400	FIXED MOBILE RADIOLOCATION 5.339, 5.149, 5.338A	FIXED RADIOLOCATION	CEPT T/R 13-01 Annex A and B
1400 - 1427	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341		
1427 - 1429	FIXED SPACE OPERATION (earth to space) MOBILE except aeronautical mobile 5.341, 5.338A	FIXED	CEPT T/R 13-01 Annex A and B
1429 - 1452	FIXED MOBILE except aeronautical mobile 5.341, 5.338A	FIXED	CEPT T/R 13-01 Annex A and B

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
1452 - 1492	FIXED MOBILE except aeronautical mobile BROADCASTING 5.345 BROADCASTING SATELLITE SERVICE 5.345 5.341	BROADCASTING - T-DAB - 1479.5-1492 MHz BROADCASTING-SATELLITE	Planned ECC/DEC (03)02
1492 - 1525	FIXED MOBILE except aeronautical mobile 5.341	FIXED - MSS 1518-1525 MHz	CEPT T/R 13-01 Annex A and B ECC/DEC/(04)09 ECC/DEC/(07)05 ECC/DEC/(07)04
1525 - 1530	SPACE OPERATION (space to earth) FIXED MOBILE-SATELLITE (space to earth) 5.351A Earth Exploration-Satellite Mobile except aeronautical mobile 5.341, 5.351, 5.354	MOBILE-SATELLITE (space to earth)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC/(07)05 ECC/DEC/(07)04
1530 - 1535	SPACE OPERATION (space to earth) MOBILE-SATELLITE (space to earth) S5.353A S5.351A Earth Exploration-Satellite Fixed Mobile except aeronautical mobile 5.341, 5.351, 5.354	MOBILE-SATELLITE (space to earth)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC/(07)05 ECC/DEC/(07)04
1535 - 1544	MOBILE-SATELLITE (space to earth) 5.341, 5.351, 5.353A, 5.354	MOBILE-SATELLITE (space to earth)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC/(07)05 ECC/DEC/(07)04
1544 - 1545	MOBILE-SATELLITE (space to earth) 5.341, 5.354, 5.356	MOBILE-SATELLITE (space to earth) (distress and safety, GMDSS)	INMARSAT E EPIRB
1545 - 1559	MOBILE-SATELLITE (space to earth) 5.341, 5.351, 5.354, 5.356, 5.357, 5.362A, 5.351A	MOBILE-SATELLITE (space to earth)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC/(07)05 ECC/DEC/(07)04
1559 - 1610	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space to earth) (space to space) 5.329A 5.341	RADIONAVIGATION-SATELLITE (space to earth) - GPS - Global Positioning System	
1610 - 1610.6	MOBILE SATELLITE (earth to space) 5.351A AERONAUTICAL RADIONAVIGATION 5.341, 5.364, 5.366, 5.367, 5.368, 5.371, 5.372	MOBILE SATELLITE (earth to space)	ERC/DEC/(97)03 ECC/DEC/(07)05 ECC/DEC/(07)04
1610.6 - 1613.8	MOBILE SATELLITE (earth to space) 5.351A RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION 5.341, 5.364, 5.366, 5.367, 5.368, 5.371, 5.372, 5.149	MOBILE SATELLITE (earth to space)	ERC/DEC/(97)03 ECC/DEC/(07)05 ECC/DEC/(07)04

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
1613.8 - 1626.5	MOBILE SATELLITE (earth to space) 5.351A AERONAUTICAL RADIONAVIGATION Mobile-Satellite (space to earth) 5.341, 5.364, 5.365, 5.366, 5.367, 5.368, 5.371, 5.372	MOBILE SATELLITE (earth to space)	ERC/DEC/(97)03 ECC/DEC/(07)05 ECC/DEC/(07)04
1626.5 – 1645.5	MOBILE-SATELLITE (earth to space) 5.341, 5.351, 5.354, 5.353A, 5.351A , 5.357A , 5.374, 5.375, 5.376	MOBILE-SATELLITE (earth to space)	ECC/DEC(02)08 ECC/DEC/(07)05 ECC/DEC/(07)04
1645.5 - 1646.5	MOBILE-SATELLITE (earth to space) 5.341, 5.354, 5.375	MOBILE-SATELLITE (earth to space) (distress and safety, GMDSS)	INMARSAT E EPIRB
1646.5 - 1660	MOBILE-SATELLITE (earth to space) 5.341, 5.351, 5.354, 5.353A, 5.351A , 5.357A , 5.374, 5.375, 5.376	MOBILE-SATELLITE (earth to space)	ECC/DEC(02)08 ECC/DEC/(07)05 ECC/DEC/(07)04
1660 - 1660.5	MOBILE-SATELLITE (earth to space) 5.351A RADIO ASTRONOMY 5.149, 5.341, 5.351,5.354, 5.576A		ECC/DEC(02)08 ECC/DEC/(07)05 ECC/DEC/(07)04
1660.5 - 1668.4	RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149, 5.341, 5.379A		
1668.4 - 1670	METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.341		
1670 - 1675	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space to earth) MOBILE 5.341	MOBILE - MSS 1670-1675 MHz - 1670—1675 MHz	ECC/DEC/(04)09 ECC/DEC/(07)05 ECC/DEC/(07)04 ECC/DEC/(02)07
1675 - 1690	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space to earth) MOBILE except aeronautical mobile 5.341		
1690 - 1700	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space to earth) Fixed Mobile except aeronautical mobile 5.289, 5.341		

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
1700 - 1710	FIXED METEOROLOGICAL-SATELLITE (space to earth) MOBILE except aeronautical mobile 5.289, 5.341		
1710 - 1980	FIXED MOBILE 5.384A, 5.388A 5.149, 5.341, 5.385, 5.388	MOBILE - GSM1800 1710-1785 and 1805-1880 MHz - DECT - Digital European Cordless Telecommunication System. (1880-1900 MHz) - UMTS - Universal Mobile Telecommunications System (1900-1980 MHz) - Radio microphones 1785-1800 MHz - Audio applications 1795-1800 MHz - 1800-1805 MHz	ERC/DEC/(95)03 ECC/REC/(05)01 ECC/DEC/(06)13 ECC/DEC/(06)07 ERC/DEC/(97)11 ERC/DEC/(98)21 ERC/DEC/(94)03 ERC/DEC/(98)22 CEPT T/R 22-02 ERC/REC 21-13 ECC/DEC/(06)01 ECC/REC/(02)10 ERC/DEC/(00)06 ERC/REC 70-03 ERC/REC 70-03 ECC/DEC/(02)07
1980 - 2010	FIXED MOBILE MOBILE-SATELLITE (earth to space) 5.351A 5.388, 5.389A,	MOBILE MOBILE-SATELLITE (earth to space) - UMTS - Universal Mobile Telecommunications System (1885-2025 MHz)	ERC/DEC/(97)03 ECC/REC/(06)05 Commission Dec 2007/98/EC ECC/DEC/(06)09 ECC/DEC/(06)10 ECC/DEC/(07)05 ECC/DEC/(07)04
2010 - 2025	FIXED MOBILE 5.388A 5.388	MOBILE - UMTS - Universal Mobile Telecommunications System (2010-2025 MHz)	. ECC/DEC/(06)01 ECC/REC/(02)10 ERC/DEC/(00)06
2025 - 2110	FIXED SPACE OPERATION (earth to space) (space to space) EARTH EXPLORATION-SATELLITE (earth to space) (space to space) MOBILE 5.391 SPACE RESEARCH (earth to space) (space to space) 5.392	FIXED	CEPT T/R 13-01 Annex C..

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2110 - 2120	FIXED MOBILE 5.388A SPACE RESEARCH (deep space) (earth to space) 5.388	MOBILE - UMTS - Universal Mobile Telecommunications System (2110-2170 MHz)	ECC/DEC/(06)01
2120 - 2170	FIXED MOBILE S5.388A 5.388	MOBILE - UMTS - Universal Mobile Telecommunications System (2110-2170 MHz)	ECC/DEC/(06)01 ERC/DEC/(00)06
2170 - 2200	FIXED MOBILE MOBILE-SATELLITE (space to earth) 5.351A 5.388, 5.389A	MOBILE MOBILE-SATELLITE (space to earth) - UMTS - Universal Mobile Telecommunications System (2110-2200 MHz)	ECC/DEC/(06)10 ECC/REC/(06)05 Commission Dec 2007/98/EC ECC/DEC/(06)09 ERC/DEC/(97)03 ECC/DEC/(07)05 ECC/DEC/(07)04
2200 - 2290	FIXED SPACE OPERATION (space to earth) (space to space) EARTH EXPLORATION-SATELLITE (space to earth) (space to space) MOBILE 5.391 SPACE RESEARCH (space to earth) (space to space) 5.392	FIXED	CEPT T/R 13-01 Annex C.
2290 - 2300	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space to earth)		
2300 - 2400	FIXED MOBILE Amateur Radiolocation 5.150	FIXED Amateur	Amateur Reg. CEPT T/R 61-01

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
2400 - 2450	FIXED MOBILE Amateur Amateur-Satellite 5.282 Radiolocation 5.150	Amateur Amateur-Satellite SRD – Short Range Devices (2400-2483.5 MHz) RLAN – Radio Local Area Network (2400-2483.5 MHz) ISM - Industrial Scientific and Medical applications (2400-2483.5 MHz) RFID – 2446-2454 MHz	Amateur Reg. CEPT T/R 61-01 CEPT T/R 70-03 ERC/DEC (01)08 Commission Dec 2006/771/EC Commission Dec 2008/432/EC ERC/DEC/(96)17 ERC/DEC (01)07
2450 - 2483.5	FIXED MOBILE Radiolocation 5.150	FIXED SRD – Short Range Devices (2400-2483.5 MHz) RLAN – Radio Local Area Network (2400-2483.5 MHz) ISM - Industrial Scientific and Medical applications (2400-2483.5 MHz) RFID – 2446-2454 MHz	CEPT T/R 70-03 ERC/DEC (01)08 Commission Dec 2006/771/EC ERC/DEC (01)07
2483.5 - 2500	FIXED MOBILE MOBILE-SATELLITE (space to earth) 5.351A Radiolocation 5.150, 5.371, 5.398, 5.399, 5.402	MOBILE-SATELLITE (space to earth)	ERC/DEC/(97)03 ECC/DEC/(07)05 ECC/DEC/(07)04
2500 - 2520	FIXED 5.410 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE 5.403, 5.414, 5.351A	FIXED MOBILE-SATELLITE	MVDS from 1.1.2005
2520 - 2655	FIXED 5.410 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.423, 5.416 5.339, 5.403, 5.418B, 5.418C	FIXED	MVDS ECC/REC/(03)03
2655 - 2670	FIXED 5.410 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.413, 5.416 Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 5.149, 5.420	FIXED	MVDS ECC/REC/(03)03

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
2670 – 2690	FIXED 5.410 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (earth to space) 5.351A Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 5.149, 5.419, 5.420	FIXED MOBILE-SATELLITE	MVDS ECC/REC/(03)03
2690 - 2700	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
2700 - 2900	AERONAUTICAL RADIONAVIGATION 5.337 METEOROLOGICAL AIDS 5.423 Radiolocation	AERONAUTICAL RADIONAVIGATION METEOROLOGICAL AIDS Radiolocation	Navigation System Meteorolog. radar Radar ECC/REC/(02)09
2900 - 3100	RADIONAVIGATION Radiolocation 5.425, 5.427	RADIONAVIGATION	Radar
3100 - 3300	RADIOLOCATION Earth Exploration-Satellite (active) Space Research (active) 5.428, 5.149	RADIOLOCATION	Radar
3300 - 3400	RADIOLOCATION 5.149	RADIOLOCATION	Radar
3400 - 3600	FIXED FIXED-SATELLITE (space to earth) Mobile 5.430A Radiolocation	FWA – Fixed Wireless Access Devices using UWB technology with Low Duty Cycle (LDC) (3400-4800 MHz)	ERC Rec 13-04 ERC Rec 14-03 ECC/REC/(04)05 2008/411/EC ERC/DEC/(99)26 ECC/DEC/(06)04 ECC/DEC/(06)12 ECC/DEC/(07)01
3600 - 4200	FIXED FIXED-SATELLITE (space to earth) Mobile	FIXED FIXED-SATELLITE (space to earth) - ESV 3700-4200 MHz down link Devices using UWB technology with Low Duty Cycle (LDC) (3400-4800 MHz)	Rec. ITU-R 382-6 ECC/REC/(04)05 ERC/REC 12-08 ECC/DEC/(05)09 2008/411/EC ERC/DEC/(99)26 ECC/DEC/(06)04 ECC/DEC/(06)12 ECC/DEC/(07)01
4200 - 4400	AERONAUTICAL RADIONAVIGATION 5.438, 5.440	AERONAUTICAL RADIONAVIGATION Devices using UWB technology with Low Duty Cycle (LDC) (3400-4800 MHz)	Radar Radio Altimeters ECC/DEC/(06)04 ECC/DEC/(06)12 ECC/DEC/(07)01
4400 - 4500	FIXED MOBILE	Devices using UWB technology with Low Duty Cycle (LDC) (3400-4800 MHz)	ECC/DEC/(06)04 ECC/DEC/(06)12 ECC/DEC/(07)01

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
4500 - 4800	FIXED FIXED-SATELLITE (space to earth) 5.441 MOBILE	Devices using UWB technology with Low Duty Cycle (LDC) (3400-4800 MHz) SRD – Tank Level Probing Radar (4.5 – 7 GHz)	RR Appendix S30B ECC/DEC/(06)04 ECC/DEC/(06)12 ECC/DEC/(07)01 ERC/REC 70-03 Commission Dec 2006/771/EC
4800 - 4990	FIXED MOBILE S5.442 Radio Astronomy 5.339, 5.149	SRD – Tank Level Probing Radar (4.5 – 7 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
4990 - 5000	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space Research (passive) 5.149	SRD – Tank Level Probing Radar (4.5 – 7 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
5000 - 5150	AERONAUTICAL RADIONAVIGATION 5.367, 5.444, 5.444A, 5.443A, 5.443B, 5.444B	AERONAUTICAL RADIONAVIGATION SRD – Tank Level Probing Radar (4.5 – 7 GHz)	ICAO Annex 10 CEPT T/R 70-03 Commission Dec 2006/771/EC
5150 - 5250	AERONAUTICAL RADIONAVIGATION MOBILE FIXED-SATELLITE SERVICE (earth to space) 5.447A 5.446, 5.447B, 5.447C	MOBILE - HIBERLAN – High Performance Radio Local Area Network SRD – Tank Level Probing Radar (4.5 – 7 GHz) - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 Commission Dec 2006/771/EC ECC/DEC/(04)08 Commission Dec 2005/513/EC Commission Dec 2007/90/EC
5250 - 5255	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.447D, 5.448A, 5.446C	- HIBERLAN – High Performance Radio Local Area Network SRD – Tank Level Probing Radar (4.5 – 7 GHz) - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 Commission Dec 2006/771/EC ECC/DEC/(04)08 Commission Dec 2005/513/EC Commission Dec 2007/90/EC
5255 - 5350	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.448A	- HIBERLAN – High Performance Radio Local Area Network SRD – Tank Level Probing Radar (4.5 – 7 GHz) - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 Commission Dec 2006/771/EC ECC/DEC/(04)08 2005/513/EC 2007/90/EC
5350 - 5460	AERONAUTICAL RADIONAVIGATION 5.449 EARTH EXPLORATION-SATELLITE (active) Radiolocation 5.448B	SRD – Tank Level Probing Radar (4.5 – 7 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
5460 - 5470	RADIONAVIGATION 5.449 Radiolocation	Radiolocation SRD – Tank Level Probing Radar (4.5 – 7 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
5470 - 5600	MARITIME RADIONAVIGATION Radiolocation 5.452	- HIERLAN – High Performance Radio Local Area Network SRD – Tank Level Probing Radar (4.5 – 7 GHz) - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 Commission Dec 2006/771/EC ECC/DEC/(04)08 2005/513/EC
5600 - 5650	MARITIME RADIONAVIGATION METEOROLOGICAL AIDS 5.452 Radiolocation	METEOROLOGICAL AIDS Radiolocation - HIBERLAN – High Performance Radio Local Area Network SRD – Tank Level Probing Radar (4.5 – 7 GHz) - WAS/RLAN	Radar CEPT T/R 22-06 CEPT T/R 70-03 Commission Dec 2006/771/EC ECC/DEC/(04)08 2005/513/EC
5650 - 5670	RADIOLOCATION Amateur Amateur-Satellite 5.282 Space Research (deep space)	- HIBERLAN – High Performance Radio Local Area Network SRD – Tank Level Probing Radar (4.5 – 7 GHz) - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 ERC DEC (99)23 ECC/DEC/(04)08 2005/513/EC
5670 - 5725	RADIOLOCATION Amateur Space Research (deep space)	- HIBERLAN – High Performance Radio Local Area Network SRD – Tank Level Probing Radar (4.5 – 7 GHz) - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 ECC/DEC/(04)08 2005/513/EC
5725 - 5830	FIXED-SATELLITE (earth to space) RADIOLOCATION Amateur 5.150	Amateur SRD – Short Range Devices (5725-5875 MHz) SRD – Tank Level Probing Radar (4.5 – 7 GHz) ISM - Industrial, Scientific and Medical applications (5725-5875 MHz) RTT/RTI – Road Transport Telematic Information Syst. (5795-5815)	CEPT T/R 70-03 ECC/REC(06)04 Commission Dec 2006/771/EC Commission Dec 2008/432/EC CEPT T/R 70-03 ECC/DEC (02)01
5830 - 5850	FIXED-SATELLITE (earth to space) RADIOLOCATION Amateur Amateur-Satellite (space to earth) 5.150	Amateur SRD – Short Range Devices (5725-5875 MHz) SRD – Tank Level Probing Radar (4.5 – 7 GHz) ISM - Industrial, Scientific and Medical applications (5725-5875 MHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC ECC/REC(06)04

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
5850 - 5925	FIXED FIXED-SATELLITE (earth to space) MOBILE 5.150	SRD – Short Range Devices (5725-5875 MHz) SRD – Tank Level Probing Radar (4.5 – 7 GHz) ISM - Industrial, Scientific and Medical applications (5725-5875 MHz) ITS - Intelligent Transport System (5875-5925 MHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC Commission Dec 2008/432/EC ECC/REC(06)04 ECC/DEC/(08)01 2008/671/EC
5925 - 6700	FIXED FIXED-SATELLITE (earth to space) MOBILE 5.149, 5.440, 5.458	FIXED (6425-7110 MHz) (5925-6425 MHz) FIXED-SATELLITE (earth to space) - ESV 5925-6425 MHz uplink SRD – Tank Level Probing Radar (4.5 – 7 GHz)	ERC/REC 14-02 ERC/REC 14-01 ECC/DEC/(05)09 CEPT T/R 70-03 Commission Dec 2006/771/EC
6700 - 7075	FIXED FIXED-SATELLITE (earth to space) (space to earth) 5.441 MOBILE 5.458, 5.458A, 5.458B, 5.458C	FIXED (6425-7125 MHz) SRD – Tank Level Probing Radar (4.5 – 7 GHz)	ERC/REC 14-02 CEPT T/R 70-03 Commission Dec 2006/771/EC
7075 - 7250	FIXED MOBILE 5.458, 5.460	FIXED (6425-7125 MHz) (7125-7750 MHz)	ERC/REC 14-02 ECC/REC (02)06
7250 - 7300	FIXED MOBILE 5.461	FIXED (7125-7750 MHz)	ECC/REC (02)06
7300 - 7450	FIXED FIXED-SATELLITE (space to earth) MOBILE except aeronautical mobile 5.461	FIXED (7125-7750 MHz) FIXED-SATELLITE (space to earth)	ECC/REC (02)06
7450 - 7550	FIXED FIXED-SATELLITE (space to earth) METEOROLOGICAL-SATELLITE (space to earth) MOBILE except aeronautical mobile 5.461A	FIXED (7125-7750 MHz)	ECC/REC (02)06
7550 - 7750	FIXED FIXED-SATELLITE (space to earth) MOBILE except aeronautical mobile	FIXED (7125-7750 MHz)	ECC/REC (02)06
7750 - 7850	FIXED METEOROLOGICAL-SATELLITE (space to earth) 5.461B MOBILE except aeronautical mobile	FIXED	Rec. ITU-R F 386-3

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
7850 - 7900	FIXED MOBILE except aeronautical mobile	FIXED	Rec. ITU-R F 386-3
7900 - 8025	FIXED FIXED-SATELLITE (earth to space) MOBILE except aeronautical mobile 5.461	FIXED	Rec. ITU-R F 386-3 ECC/REC (02)06
8025 - 8175	FIXED FIXED-SATELLITE (earth to space) MOBILE EARTH EXPLORATION-SATELLITE (space to earth) 5.462A	FIXED FIXED-SATELLITE (earth to space)	Rec. ITU-R F 386-3 ECC/REC (02)06
8175 - 8215	FIXED FIXED-SATELLITE (earth to space) MOBILE EARTH EXPLORATION-SATELLITE (space to earth) METEOROLOGICAL-SATELLITE (earth to space) 5.462A	FIXED	Rec. ITU-R F 386-3 ECC/REC (02)06
8215 - 8400	FIXED FIXED-SATELLITE (earth to space) MOBILE EARTH EXPLORATION-SATELLITE (space to earth) 5.462A	FIXED	ECC/REC (02)06
8400 - 8500	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space to earth) 5.465	FIXED	ECC/REC (02)06
8500 - 8550	RADIOLOCATION	RADIOLOCATION SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
8550 - 8650	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.463A	SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
8650 - 8750	RADIOLOCATION	RADIOLOCATION SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
8750 - 8850	RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.470	RADIOLOCATION AERONAUTICAL RADIONAVIGATION SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
8850 - 9000	RADIOLOCATION MARITIME RADIONAVIGATION 5.472	RADIOLOCATION MARITIME RADIONAVIGATION S5.472 SRD – Tank Level Probing Radar (8.5-10.6 GHz)	Radar CEPT T/R 70-03 Commission Dec 2006/771/EC

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
9000 - 9200	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation	AERONAUTICAL RADIONAVIGATION Radiolocation SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
9200 - 9300	MARITIME RADIONAVIGATION 5.472 RADIOLOCATION 5.474	MARITIME RADIONAVIGATION RADIOLOCATION - Movement Detection (9200-9975 MHz) SRD – Tank Level Probing Radar (8.5-10.6 GHz)	Radar CEPT T/R 70-03 Commission Dec 2006/771/EC
9300 - 9500	RADIONAVIGATION Radiolocation 5.427, 5.474, 5.475, 5.475A, 5.475B, 5.476A	RADIONAVIGATION Radiolocation - Movement Detection (9200-9975 MHz) SRD – Tank Level Probing Radar (8.5-10.6 GHz)	Radar CEPT T/R 70-03 Commission Dec 2006/771/EC
9500 - 9800	RADIONAVIGATION SPACE RESEARCH (active) EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION 5.476A	RADIONAVIGATION RADIOLOCATION - Movement Detection (9200-9975 MHz) SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC
9800 - 10000	RADIOLOCATION Fixed 5.479	RADIOLOCATION - Movement Detection (9200-9975 MHz) SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 70-03 Commission Dec 2006/771/EC