

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
27.5 - 28	METEOROLOGICAL AIDS FIXED MOBILE	METEOROLOGICAL AIDS MOBILE	
28 - 29.7	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Amateur reg. CEPT T/R 61-01
29.7 - 30.005	FIXED MOBILE	FIXED MOBILE	
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 70-93
37.5 - 38.25	FIXED MOBILE Radio Astronomy S5.149	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		
40.02 - 40.98	FIXED MOBILE S5.150	MOBILE Private Mobile Radio SRD - Short Range Devices (40.66-40.70) (40.70 – 40.98) ISM - Industrial, Scientific and Medical Application (40.66 – 40.70)	CEPT T/R 70-03 ERC/DEC (01)12 ERC/DEC (01)03 CEPT T/R 20-03
40.98 - 41.015	FIXED MOBILE Space Research		

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
41.015 - 47	FIXED MOBILE S.5.162A	MOBILE SRD – Short Range Devices Wireless Microphones (41-43.6 MHz)	
47 - 68	BROADCASTING S.5.162A	BROADCASTING Amateur 50-52 MHz	TV channels 2-4
68 - 74.8	FIXED MOBILE except aeronautical mobile	FIXED LAND MOBILE	
74.8 - 75.2	AERONAUTICAL RADIONAVIGATION S5.180	AERONAUTICAL RADIONAVIGATION Aeronautical radio beacons – ILS/Glide path markers	ICAO Annex 10
75.2 - 87.5	FIXED MOBILE except aeronautical mobile	FIXED LAND MOBILE	
87.5 - 108	BROADCASTING	BROADCASTING	FM Sound Broadcasting ERC/DEC/(96)13
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) S5.111, S5.198, S5.199, S5.200, S5.201, S5.202, S5.203, S5.203A, S5.203B	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
137 - 137.025	SPACE OPERATION (space to earth) METEOROLOGICAL-SATELLITE (space to earth) SPACE RESEARCH (space to earth) MOBILE-SATELLITE (space to earth) S5.208A, S5.209 Fixed Mobile except aeronautical mobile (R) S5.208	METEOROLOGICAL-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth)	LEO satellites
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) S5.208A, S5.209 Mobile except aeronautical mobile (R) S5.208	METEOROLOGICAL-SATELLITE (space to earth) Mobile-Satellite (space to earth)	LEO Satellites
137.175 - 137.825	SPACE OPERATION (space to earth) METEOROLOGICAL-SATELLITE (space to earth) SPACE RESEARCH (space to earth) MOBILE-SATELLITE (space to earth) S5.208A, S5.209 Fixed Mobile except aeronautical mobile (R) S5.208	METEOROLOGICAL-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth)	LEO Satellites

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
137.825 - 138	SPACE OPERATION (space to earth) METEOROLOGICAL-SATELLITE (space to earth) SPACE RESEARCH (space to earth) Fixed Mobile-Satellite (space to earth) S5.208A, S5.209 Mobile except aeronautical mobile (R) S5.208	METEOROLOGICAL-SATELLITE (space to earth) Mobile-Satellite (space to earth)	LEO Satellites
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	25 kHz channels
148 – 149.9	FIXED MOBILE except Aeronautical Mobile (R) MOBILE-SATELLITE (earth to space) S.5.209 SPACE OPERATION (earth to space) S5.218 S5.219, S5.221	LAND MOBILE Private Mobile Radio MOBILE-SATELLITE (earth to space)	25 kHz channels LEO Satellites
149.9 – 150.05	RADIONAVIGATION-SATELLITE S5.224B MOBILE-SATELLITE (earth to space) S5.209, S5.224A S5.220, S5.222, S5.223	MOBILE-SATELLITE (earth to space)	LEO Satellites
150.05 - 153	FIXED MOBILE except Aeronautical Mobile RADIO ASTRONOMY S5.149	LAND MOBILE Private Mobile Radio	25 kHz channels
153 - 154	FIXED MOBILE except Aeronautical Mobile (R) Meteorological Aids	LAND MOBILE Private Mobile Radio SRD – Short Range Devices 153.8625	25 kHz channels
154 – 156.7625	FIXED MOBILE except Aeronautical Mobile (R)	LAND MOBILE Private Mobile Radio MARITIME MOBILE 156 - 156.7625 MHz	25 kHz channels RR Appendix S18 RR Appendix S13 156.525 MHz ch.70

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
156.7625 – 156.8375	MARITIME MOBILE (distress and calling) S5.111, S5.226	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)	FIXED (165.5 - 166.5 / 171 - 172 MHz) LAND MOBILE Private Mobile Radio ERMES Pan Europe Paging System (169.4 -169.8 MHz) Aids for handicapped 173.965-174.015 MARITIME MOBILE 156.8375-157.425 /160.625-162.025 AIS 161.975 and 162.025 MHz	Single channel links 25 kHz channels Not planned yet CEPT T/R 25-07 ERC/DEC/(94)02 ERC/REC 70-03 RR Appendix S18 ERC DEC (99)17
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 S5.254, S.256, S5.111	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) S5.254	MOBILE	RR Article S9.21
272 - 273	FIXED MOBILE SPACE OPERATION (space to earth) S5.254	MOBILE	RR Article S9.21
273 - 312	FIXED MOBILE S5.254	MOBILE	RR Article S9.21
312 - 315	FIXED MOBILE Mobile-Satellite (earth to space) S5.254, S5.255	MOBILE	RR Article S9.21

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
315 - 322	FIXED MOBILE S5.254	MOBILE	
322 - 328.6	FIXED MOBILE RADIO ASTRONOMY S5.149	MOBILE	
328.6 - 335.4	AERONAUTICAL RADIONAVIGATION S5.258	AERONAUTICAL RADIONAVIGATION	ILS (glide path)
335.4 - 387	FIXED MOBILE S5.254	MOBILE - TETRA – Emergency Service (380 – 385 MHz) - TETRA (385 – 390 MHz)	ERC/DEC (96)01 ERC/DEC (01)20 ERC/DEC (01)19 CEPT T/R 02-02 ERC/DEC (96)04 CEPT T/R 22-05
387 - 390	FIXED MOBILE Mobile-Satellite (space to earth) S5.254, S5.255, S5.208A	FIXED MOBILE - TETRA (385 – 390 MHz)	4-10 channel links Planned ERC/DEC (96)04 CEPT T/R 22-05
390 - 399.9	FIXED MOBILE S5.254	FIXED MOBILE - TETRA – Emergency Service (390 – 395 MHz) - TETRA (395 – 399.9 MHz)	4-10 channel links ERC/DEC (96)01 ERC/DEC (01)20 ERC/DEC (01)19 CEPT T/R 02-02 ERC/DEC (96)04 CEPT T/R 22-05
399.9 - 400.05	RADIONAVIGATION-SATELLITE S5.222, S5.260, S5.224B MOBILE-SATELLITE (earth to space) S5.209, S5.224A S5.220		
400.05 - 400.15	STANDARD FREQUENCY AND TIME SIGNAL (400.1 MHz) S5.261		
400.15 - 401	METOROLOGICAL AIDS METOROLOGICAL-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth) S5.208A, S5.209 SPACE RESEARCH (space to earth) S5.263 Space Operation (space to earth) S5.264	METOROLOGICAL AIDS METOROLOGICAL-SATELLITE (space to earth)	

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	
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 402-405 MHz Active Medical Implants	CEPT T/R 70-03 Annex 12 ERC/DEC (01)17
403 - 406	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile SRD 402-405 MHz Active Medical Implants	CEPT T/R 70-03 Annex 12 ERC DEC (01)17
406 - 406.1	MOBILE SATELLITE (earth to space) S5.266, S5.267	MOBILE SATELLITE (earth to space)	COSPAS-SARSAT EPIRB RR Appendix S13
406.1 – 410	FIXED MOBILE except Aeronautical Mobile RADIOASTRONOMY S5.149	FIXED MOBILE	4-10 channel links ECC/DEC (02)05
410 – 420	FIXED MOBILE except Aeronautical Mobile pace Research (space to space) S5.268	FIXED MOBILE - TETRA - Wideband Digital Land Mobile PMR/PAMR	4-10 channel links ECC/DEC (02)05 Planned ERC/DEC (96)04 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 Planned ERC/DEC (96)04 CEPT T/R 22-05 ECC/DEC/(04)06
430 - 440	AMATEUR RADIOLOCATION S5.138, S5.282	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 ECC/DEC/(04)02

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
440 - 450	FIXED MOBILE except Aeronautical Mobile Radiolocation S5.286	FIXED (441.5-442.5 paired with 451.5-452.5) LAND MOBILE - Private Mobile Radio - 446.0-446.1 MHz SRD	Single channel links ECC/DEC (02)05 25 kHz channels No licence required ERC/DEC (98)25
450 - 460	FIXED MOBILE S5.287	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 25 kHz channels S5.287 ECC/DEC/(04)06
460 - 470	FIXED MOBILE S5.287 Meteorological-Satellite (sp. to earth) S5.289	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 25 kHz channels S5.287 ECC/DEC/(04)06
470 - 790	BROADCASTING Land Mobile S5.296 Radio Astronomy S5.306 S5.149, S5.311	BROADCASTING Land Mobile	TV channels 21-60 Wireless Microphones. Individual licence ERC/REC 70-03
790 - 862	BROADCASTING FIXED MOBILE except aeronautical mobile	BROADCASTING (790-830 MHz) FIXED LAND MOBILE (790-830 MHz)	TV channels 61-65 Wireless Microphones. Individual Licence. ERC/REC 70-03

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
862 - 890	FIXED MOBILE except aeronautical mobile S5.317A	FIXED MOBILE - RFID (865-868 MHz) - CT2 – Cordless Telephone - SAS – Social Alarm System (869.200 – 869.250 MHz) - Alarms (868.6-868.7, 869.25-869.3 and 89.65-869.7 MHz) - SRD – Short Range Devices (868-868.6, 868.7-869.2, 869.3-869.65, 74869.7-870) - Wireless Audio (863-865 MHz) - Wideband Digital Land Mobile PMR/PAMR (870-876 MHz)	ERC/DEC/(97)02 CEPT T/R 70-03 ERC/DEC/(96)18 ECC/DEC (01)02 ERC/DEC/(97)06 CEPT T/R 70-03 CEPT T/R 70-03 ERC/DEC (01)09 CEPT T/R 70-03 ERC/DEC (01)04 CEPT T/R 70-03 ERC/DEC (01)18 ECC/DEC/(04)06
890 - 960	FIXED MOBILE except aeronautical mobile S5.317A Radiolocation (890-942 MHz)	FIXED MOBILE GSM – Global System for Mobile Tele- Communications (890-914 and 935-959 MHz) CT1 - Cordless Telephone (914-915 and 959-960 MHz) - Wideband Digital Land Mobile PMR/PAMR (915-921 MHz)	ERC/DEC/(97)02 ERC/DEC/(94)01 CEPT T/R 75-02 CEPT T/R 20-08 GSM-1 ch. 45-119 GSM-2 ch. 1-36 CEPT T/R 24-03 ECC/DEC/(04)06
960 - 1215	AERONAUTICAL RADIONAVIGATION S5.328 S5.328A	AERONAUTICAL RADIONAVIGATION	Flight, Safety and Navigation Systems DME,TACAN,SSR
1215 - 1240	RADIOLOCATION RADIONAVIGATION-SATELLITE (space to earth) (space to space) S5.329 S5.329A EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) S5.332	RADIOLOCATION RADIONAVIGATION-SATELLITE (space to earth) - GPS - Global Positioning System	
1240 - 1260	RADIOLOCATION RADIONAVIGATION-SATELLITE (space to earth) (space to space) S5.329 S5.329A EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) Amateur S5.332	RADIOLOCATION Amateur	Amateur reg. CEPT T/R 61-01

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
1260 - 1300	RADIOLOCATION RADIONAVIGATION-SATELLITE (space to earth) (space to space) S5.329 S5.329A EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) Amateur S5.282, S5.332, S5.335A	RADIOLOCATION Amateur	Amateur reg. CEPT T/R 61-01
1300 - 1350	AERONAUTICAL RADIONAVIGATION S5.337 RADIONAVIGATION –SATELLITE (Earth to space) RADIOLOCATION S5.149 S5.337A	RADIOLOCATION	
1350 - 1400	FIXED MOBILE RADIOLOCATION S5.339, S5.149	FIXED RADIOLOCATION	CEPT T/R 13-01 Annex A and B
1400 - 1427	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340, S5.341		
1427 - 1429	FIXED SPACE OPERATION (earth to space) MOBILE except aeronautical mobile S5.341	FIXED	CEPT T/R 13-01 Annex A and B
1429 - 1452	FIXED MOBILE except aeronautical mobile S5.341	FIXED	CEPT T/R 13-01 Annex A and B
1452 - 1492	FIXED MOBILE except aeronautical mobile BROADCASTING S5.345 BROADCASTING SATELLITE SERVICE S5.345 S5.341	BROADCASTING - T-DAB - 1479.5-1492 MHz BROADCASTING-SATELLITE	Planned ECC/DEC (03)02
1492 - 1525	FIXED MOBILE except aeronautical mobile S5.341	FIXED - MSS 1518-1525 MHz	CEPT T/R 13-01 Annex A and B ECC/DEC/(04)09
1525 - 1530	SPACE OPERATION (space to earth) FIXED MOBILE-SATELLITE (space to earth) S5.351A Earth Exploration-Satellite Mobile except aeronautical mobile S5.341, S5.351, S5.354	MOBILE-SATELLITE (space to earth)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC(02)11

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
1530 - 1535	SPACE OPERATION (space to earth) MOBILE-SATELLITE (space to earth) S5.353A S5.351A Earth Exploration-Satellite Fixed Mobile except aeronautical mobile S5.341, S5.351, S5.354	MOBILE-SATELLITE (space to earth)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC(02)11
1535 - 1544	MOBILE-SATELLITE (space to earth) S5.341, S5.351, S5.353A, S5.354	MOBILE-SATELLITE (space to earth)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC(02)11
1544 - 1545	MOBILE-SATELLITE (space to earth) S5.341, S5.354, S5.356	MOBILE-SATELLITE (space to earth) (distress and safety, GMDSS)	INMARSAT E EPIRB
1545 - 1559	MOBILE-SATELLITE (space to earth) S5.341, S5.351, S5.354, S5.356, S5.357, S5.362A S5.351A	MOBILE-SATELLITE (space to earth)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC(02)11
1559 - 1610	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space to earth) (space to space) S5.329A S5.341	RADIONAVIGATION-SATELLITE (space to earth) - GPS - Global Positioning System	
1610 - 1610.6	MOBILE SATELLITE (earth to space) S5.351A AERONAUTICAL RADIONAVIGATION S5.341, S5.364, S5.366, S5.367, S5.368, S5.371, S5.372	MOBILE SATELLITE (earth to space)	ERC/DEC/(97)03
1610.6 - 1613.8	MOBILE SATELLITE (earth to space) S5.351A RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION S5.341, S5.364, S5.366, S5.367, S5.368, S5.371, S5.372, S5.149	MOBILE SATELLITE (earth to space)	ERC/DEC/(97)03
1613.8 - 1626.5	MOBILE SATELLITE (earth to space) S5.351A AERONAUTICAL RADIONAVIGATION Mobile-Satellite (space to earth) S5.341, S5.364, S5.365, S5.366, S5.367, S5.368, S5.371, S5.372	MOBILE SATELLITE (earth to space)	ERC/DEC/(97)03
1626.5 – 1645.5	MOBILE-SATELLITE (earth to space) S5.341, S5.351, S5.354, S5.353A S5.351A , S5.357A , S5.374, S5.375 S5.376	MOBILE-SATELLITE (earth to space)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC(02)11
1645.5 - 1646.5	MOBILE-SATELLITE (earth to space) S5.341, S5.354, S5.375	MOBILE-SATELLITE (earth to space) (distress and safety, GMDSS)	INMARSAT E EPIRB
1646.5 - 1660	MOBILE-SATELLITE (earth to space) S5.341, S5.351, S5.354, S5.353A S5.351A , S5.357A , S5.374, S5.375 S5.376	MOBILE-SATELLITE (earth to space)	INMARSAT earth Stations ECC/DEC(02)08 ECC/DEC(02)11

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
1660 - 1660.5	MOBILE-SATELLITE (earth to space) S5.351A RADIO ASTRONOMY S5.149, S5.341, S5.351, S5.354, S5.576A		ECC/DEC(02)08 ECC/DEC(02)11
1660.5 - 1668.4	RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile S5.149, S5.341, S5.379A		
1668.4 - 1670	METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.341		
1670 - 1675	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space to earth) MOBILE S5.380 S5.341	MOBILE - MSS 1670-1675 MHz	ECC/DEC/(04)09
1675 - 1690	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space to earth) MOBILE except aeronautical mobile S5.341		
1690 - 1700	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space to earth) Fixed Mobile except aeronautical mobile S5.289, S5.341		
1700 - 1710	FIXED METEOROLOGICAL-SATELLITE (space to earth) MOBILE except aeronautical mobile S5.289, S5.341		

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
1710 - 1980	FIXED MOBILE S5.384A, S5.388A S5.149, S5.341, S5.385, S5.388	FIXED (1900-2300 MHz) MOBILE - GSM1800 1710-1785 and 1805-1880 MHz - DECT - Digital European Cordless Telecommunication System. (1880-1900 MHz) - UMTS - Universal Mobile Telecommunications System (1885-2025 MHz) - Radio microphones 1785-1800 MHz - Audio applications 1795-1800 MHz	Rec. ITU-R F 283-5 + 382-6. Channel plans cancelled. ERC/DEC/(95)03 ERC/DEC/(92)01 ERC/DEC/(94)03 ERC/DEC/(97)07 ERC/REC 70-03 ERC/REC 70-03
1980 - 2010	FIXED MOBILE MOBILE-SATELLITE (earth to space) S5.351A S5.388, S5.389A,	MOBILE MOBILE-SATELLITE (earth to space) - UMTS - Universal Mobile Telecommunications System (1885-2025 MHz)	ERC/DEC/(97)07 ERC/DEC/(97)03 ERC/DEC/(97)07 UMTS Sat. comp.
2010 - 2025	FIXED MOBILE S5.388A S5.388	FIXED (1900-2300 MHz) MOBILE - UMTS - Universal Mobile Telecommunications System (1885-2025 MHz)	Rec. ITU-R F 283-5 + 382-6. Channel plans cancelled. ERC/DEC/(97)07
2025 - 2110	FIXED SPACE OPERATION (earth to space) (space to space) EARTH EXPLORATION-SATELLITE (earth to space) (space to space) MOBILE S5.391 SPACE RESEARCH (earth to space) (space to space) S5.392	FIXED (1900-2300 MHz)	Rec. ITU-R F 283-5 + 382-6. Channel plans cancelled. CEPT T/R 13-01 Annex C. new plan.

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
2110 - 2120	FIXED MOBILE S5.388A SPACE RESEARCH (deep space) (earth to space) S5.388	FIXED MOBILE - UMTS - Universal Mobile Telecommunications System (2110-2200 MHz)	Rec. ITU-R F 283-5 + 382-6. Channel plans cancelled. ERC/DEC/(97)07
2120 - 2170	FIXED MOBILE S5.388A S5.388, S5.392A	FIXED (1900-2300) MOBILE - UMTS - Universal Mobile Telecommunications System (2110-2200 MHz)	Rec. ITU-R F 283-5 + 382-6. Channel plans cancelled. ERC/DEC/(97)07
2170 - 2200	FIXED MOBILE MOBILE-SATELLITE (space to earth) S5.351A S5.388, S5.389A	FIXED (1900-2300 MHz) MOBILE MOBILE-SATELLITE (space to earth) - UMTS - Universal Mobile Telecommunications System (2110-2200 MHz)	Rec. ITU-R F 283-5 + 382-6. Channel plans cancelled. ERC/DEC/(97)04 ERC/DEC/(97)03 ERC/DEC/(97)07 UMTS Sat. comp.
2200 - 2290	FIXED SPACE OPERATION (space to earth) (space to space) EARTH EXPLORATION-SATELLITE (space to earth) (space to space) MOBILE S5.391 SPACE RESEARCH (space to earth) (space to space) S5.392	FIXED	Rec. ITU-R F 283-5 + 382-6. Channel plans cancelled. CEPT T/R 13-01 Annex C. New plan.
2290 - 2300	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space to earth)	FIXED	Rec. ITU-R F 283-5 + 382-6. Channel plans cancelled.
2300 - 2400	FIXED MOBILE Amateur Radiolocation S5.150	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 S5.282 Radiolocation S5.150	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 Annex 1 + 6 ERC/DEC (01)08 ERC/DEC (01)05 CEPT T/R 70-03 Annex 3 ERC/DEC/(96)17 ERC/DEC (01)07 CEPT T/R 70-03
2450 - 2483.5	FIXED MOBILE Radiolocation S5.150	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 Annex 1 + 6 ERC/DEC (01)08 ERC/DEC (01)05 CEPT T/R 70-03 Annex 3 ERC/DEC (01)07 CEPT T/R 70-03
2483.5 - 2500	FIXED MOBILE MOBILE-SATELLITE (space to earth) S5.351A Radiolocation S5.150, S5.371, S5.398, S5.399, S5.402	MOBILE-SATELLITE (space to earth)	ERC/DEC/(97)03
2500 - 2520	FIXED S5.409, S5.410, S5.411 MOBILE except aeronautical mobile S5.384A MOBILE-SATELLITE S5.403, S5.414, S5.351A	FIXED MOBILE-SATELLITE	MVDS from 1.1.2005
2520 - 2655	FIXED S5.409, S5.410, S5.411 MOBILE except aeronautical mobile S5.384A BROADCASTING-SATELLITE S5.423, S5.416 S5.339, S5.403, S5.418B, S5.418C	FIXED	MVDS
2655 - 2670	FIXED S5.409, S5.410, S5.411 MOBILE except aeronautical mobile S5.384A BROADCASTING-SATELLITE S5.413, S5.416 Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) S5.149, S5.420	FIXED	MVDS

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
2670 – 2690	FIXED S5.409, S5.410, S5.411 MOBILE except aeronautical mobile S5.384A MOBILE-SATELLITE (earth to space) S5.351A Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) S5.149, S5.419, S5.420	FIXED MOBILE-SATELLITE	MVDS from 1.1.2005
2690 - 2700	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) S5.340		
2700 - 2900	AERONAUTICAL RADIONAVIGATION S5.337 METEOROLOGICAL AIDS S5.423 Radiolocation	AERONAUTICAL RADIONAVIGATION METEOROLOGICAL AIDS Radiolocation	Navigation System Meteorolog. radar Radar
2900 - 3100	RADIONAVIGATION Radiolocation S5.425, S5.427	RADIONAVIGATION	Radar
3100 - 3300	RADIOLOCATION Earth Exploration-Satellite (active) Space Research (active) S5.428, S5.149	RADIOLOCATION	Radar
3300 - 3400	RADIOLOCATION S5.149	RADIOLOCATION	Radar
3400 - 3600	FIXED FIXED-SATELLITE (space to earth) Mobile Radiolocation	FWA – Fixed Wireless Access	ERC Rec 13-04 ERC Rec 14-03
3600 - 4200	FIXED FIXED-SATELLITE (space to earth) Mobile	FIXED FIXED-SATELLITE (space to earth)	Rec. ITU-R 382-6
4200 - 4400	AERONAUTICAL RADIONAVIGATION S5.438, S5.440	AERONAUTICAL RADIONAVIGATION	Radar Radio Altimeters
4400 - 4500	FIXED MOBILE		
4500 - 4800	FIXED FIXED-SATELLITE (space to earth) S5.441 MOBILE		RR Appendix S30B
4800 - 4990	FIXED MOBILE S5.442 Radio Astronomy S5.339, S5.149		

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
4990 - 5000	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space Research (passive) S5.149		
5000 - 5150	AERONAUTICAL RADIONAVIGATION S5.367, S5.444, S5.444A, S5.443A, S5.443B	AERONAUTICAL RADIONAVIGATION	
5150 - 5250	AERONAUTICAL RADIONAVIGATION MOBILE FIXED-SATELLITE SERVICE (earth to space) S5.447A S5.446, S5.447B, S5.447C	MOBILE - HIBERLAN – High Performance Radio Local Area Network - WAS/RLAN	ERC/DEC/(96)03 Annex 3 CEPT T/R 22-06 CEPT T/R 70-03 ERC DEC (99)23 ECC/DEC/(04)08
5250 - 5255	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH S5.447D, S5.448A	- HIBERLAN – High Performance Radio Local Area Network - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 ERC DEC (99)23 ECC/DEC/(04)08
5255 - 5350	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.448A	- HIBERLAN – High Performance Radio Local Area Network - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 ERC DEC (99)23 ECC/DEC/(04)08
5350 - 5460	AERONAUTICAL RADIONAVIGATION S5.449 EARTH EXPLORATION-SATELLITE (active) Radiolocation S5.448B		
5460 - 5470	RADIONAVIGATION S5.449 Radiolocation	Radiolocation	
5470 - 5600	MARITIME RADIONAVIGATION Radiolocation S5.452	- HIBERLAN – High Performance Radio Local Area Network - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 ERC DEC (99)23 ECC/DEC/(04)08
5600 - 5650	MARITIME RADIONAVIGATION METEOROLOGICAL AIDS S5.452 Radiolocation	METEOROLOGICAL AIDS Radiolocation - HIBERLAN – High Performance Radio Local Area Network - WAS/RLAN	Rada CEPT T/R 22-06 CEPT T/R 70-03 ERC DEC (99)23 ECC/DEC/(04)08
5650 - 5670	RADIOLOCATION Amateur Amateur-Satellite S5.282 Space Research (deep space)	- HIBERLAN – High Performance Radio Local Area Network - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 ERC DEC (99)23 ECC/DEC/(04)08

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
5670 - 5725	RADIOLOCATION Amateur Space Research (deep space)	- HIBERLAN – High Performance Radio Local Area Network - WAS/RLAN	CEPT T/R 22-06 CEPT T/R 70-03 ERC DEC (99)23 ECC/DEC/(04)08
5725 - 5830	FIXED-SATELLITE (earth to space) RADIOLOCATION Amateur S5.150	Amateur SRD – Short Range Devices (5725-5875 MHz) ISM - Industrial, Scientific and Medical applications (5725-5875 MHz) RTT/RTI – Road Transport Telematic Information Syst. (5795-5815)	CEPT T/R 70-03 Annex 1 ERC/DEC (01)06 CEPT T/R 70-03 Annex 5 ECC/DEC (01)04
5830 - 5850	FIXED-SATELLITE (earth to space) RADIOLOCATION Amateur Amateur-Satellite (space to earth) S5.150	Amateur SRD – Short Range Devices (5725-5875 MHz) ISM - Industrial, Scientific and Medical applications (5725-5875 MHz)	CEPT T/R 70-03 Annex 1 ERC/DEC (01)06
5850 - 5925	FIXED FIXED-SATELLITE (earth to space) MOBILE S5.150	SRD – Short Range Devices (5725-5875 MHz) ISM - Industrial, Scientific and Medical applications (5725-5875 MHz)	CEPT T/R 70-03 Annex 1
5925 - 6700	FIXED FIXED-SATELLITE (earth to space) MOBILE S5.149, S5.440, S5.458	FIXED (6425-7110 MHz) FIXED-SATELLITE (earth to space)	Rec. ITU-R F 383-5
6700 - 7075	FIXED FIXED-SATELLITE (earth to space) (space to earth) S5.441 MOBILE S5.458, S5.458A, S5.458B, S5.458C	FIXED (6425-7110 MHz)	Rec. ITU-R F 383-5
7075 - 7250	FIXED MOBILE S5.458, S5.460	FIXED (6425-7110 MHz) (7110-7750 MHz)	Rec. ITU-R F 383-5 Rec. ITU-R F 385-6
7250 - 7300	FIXED MOBILE S5.461	FIXED (7110-7750 MHz)	Rec. ITU-R F 385-6

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
7300 - 7450	FIXED FIXED-SATELLITE (space to earth) MOBILE except aeronautical mobile S5.461	FIXED (7110-7750 MHz) FIXED-SATELLITE (space to earth)	Rec. ITU-R F 385-6
7450 - 7550	FIXED FIXED-SATELLITE (space to earth) METEOROLOGICAL-SATELLITE (space to earth) MOBILE except aeronautical mobile S5.461A	FIXED (7110-7750 MHz)	Rec. ITU-R F 385-6
7550 - 7750	FIXED FIXED-SATELLITE (space to earth) MOBILE except aeronautical mobile	FIXED (7110-7750 MHz)	Rec. ITU-R F 385-6
7750 - 7850	FIXED METEOROLOGICAL-SATELLITE (space to earth) S5.461B MOBILE except aeronautical mobile	FIXED	Rec. ITU-R F 386-3
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 S5.461	FIXED	Rec. ITU-R F 386-3
8025 - 8175	FIXED FIXED-SATELLITE (earth to space) MOBILE EARTH EXPLORATION-SATELLITE (space to earth) S5.462A	FIXED FIXED-SATELLITE (earth to space)	Rec. ITU-R F 386-3
8175 - 8215	FIXED FIXED-SATELLITE (earth to space) MOBILE EARTH EXPLORATION-SATELLITE (space to earth) METEOROLOGICAL-SATELLITE (earth to space) S5.462A	FIXED	Rec. ITU-R F 386-3
8215 - 8400	FIXED FIXED-SATELLITE (earth to space) MOBILE EARTH EXPLORATION-SATELLITE (space to earth) S5.462A		
8400 - 8500	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space to earth) S5.465		
8500 - 8550	RADIOLOCATION	RADIOLOCATION	

Frequency band (MHz)	Allocation RR Region 1	National use	Notes
8550 - 8650	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) S5.463A		
8650 - 8750	RADIOLOCATION	RADIOLOCATION	
8750 - 8850	RADIOLOCATION AERONAUTICAL RADIONAVIGATION S5.470	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
8850 - 9000	RADIOLOCATION MARITIME RADIONAVIGATION S5.472	RADIOLOCATION MARITIME RADIONAVIGATION S5.472	Radar
9000 - 9200	AERONAUTICAL RADIONAVIGATION S5.337 Radiolocation	AERONAUTICAL RADIONAVIGATION Radiolocation	
9200 - 9300	MARITIME RADIONAVIGATION S5.472 RADIOLOCATION S5.474	MARITIME RADIONAVIGATION RADIOLOCATION - Movement Detection (9200-9975 MHz)	Radar CEPT T/R 70-03 Annex 6
9300 - 9500	RADIONAVIGATION S5.476 Radiolocation S5.427, S5.474, S5.475	RADIONAVIGATION Radiolocation - Movement Detection (9200-9975 MHz)	Radar CEPT T/R 70-03 Annex 6
9500 - 9800	RADIONAVIGATION SPACE RESEARCH (active) EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION S5.476A	RADIONAVIGATION RADIOLOCATION - Movement Detection (9200-9975 MHz)	 CEPT T/R 70-03 Annex 6
9800 - 10000	RADIOLOCATION Fixed S5.479	RADIOLOCATION - Movement Detection (9200-9975 MHz)	 CEPT T/R 70-03 Annex 6