

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
10 - 10.45	FIXED MOBILE RADIOLOCATION Amateur 5.479	FIXED, FWA (10.15-10.3 paired with 10.5-10.65) RADIOLOCATION SRD – Tank Level Probing Radar (8.5-10.6 GHz) Amateur	CEPT T/R 12-05 ERC REC 13-04 CEPT T/R 70—03 Commission Dec 2006/771/EC
10.45 – 10.5	RADIOLOCATION Amateur Amateur-Satellite	RADIOLOCATION SRD – Tank Level Probing Radar (8.5-10.6 GHz) Amateur Amateur-Satellite	CEPT T/R 70—03 Commission Dec 2006/771/EC
10.5 - 10.55	FIXED MOBILE Radiolocation	FIXED, FWA (10.5-10.65 paired with 10.15-10.3) Radiolocation SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 12-05 ERC REC 13-04 CEPT T/R 70—03 Commission Dec 2006/771/EC
10.55 - 10.6	FIXED MOBILE Radiolocation	FIXED (10.5-10.65 paired with 10.15-10.3) Radiolocation SRD – Tank Level Probing Radar (8.5-10.6 GHz)	CEPT T/R 12-05 ERC REC 13-04 CEPT T/R 70—03 Commission Dec 2006/771/EC
10.6 - 10.68	EARTH EXPLORATION SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation 5.482A	FIXED (10.5-10.65 paired with 10.15-10.3)	CEPT T/R 12-05 ERC REC 13-04
10.68 - 10.7	EARTH EXPLORATION SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.483		
10.7 - 11.7	FIXED FIXED-SATELLITE (space to earth) 5.441, 5.484 MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (earth to space) - VSAT down link - SNG down link - HEST downlink - LEST downlink - ESV downlink - AES downlink	CEPT T/R 12-06 ERC DEC (00)08 RR Appendix S30B CEPT T/R 11-01 CEPT T/R 11-01 ECC/DEC (03)04 ECC/DEC/(06)03 ECC/DEC/(06)02 ECC/DEC(05)(10) ECC/DEC/(05)11 ERC/DEC/(99)26 ERC/DEC/(98)15

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11.7 - 12.5	FIXED BROADCASTING BROADCASTING-SATELLITE Mobile except aeronautical mobile 5.487	BROADCASTING-SATELLITE - HEST downlink - LEST downlink	RR Appendix S30 RR Appendix S30A ERC DEC (00)08 ERC/DEC/(99)26 ECC/DEC/(06)03 ECC/DEC/(06)02
12.5 - 12.75	FIXED-SATELLITE (space to earth) (earth to space) Fixed Mobile except aeronautical mobile	FIXED-SATELLITE (earth to space) - VSAT down link - SNG down link - ESV down link - HEST down link - LEST down link - AES down link	CEPT T/R 11-01 CEPT T/R 11-01 ECC/DEC/(05)10 ECC/DEC/(06)03 ECC/DEC/(06)02 ECC/DEC/(05)11 ERC/DEC/(99)26 ERC/DEC/(98)15
12.75 - 13.25	FIXED FIXED-SATELLITE (earth to space) 5.441, MOBILE Space Research (deep space) (space to earth)	FIXED FIXED-SATELLITE (earth to space) - SNG up link	CEPT T/R 12-02 CEPT T/R 11-01
13.25 - 13.4	AERONAUTICAL RADIONAVIGATION S5.497	AERONAUTICAL RADIONAVIGATION	
13.4 - 13.75	RADIOLOCATION Standard Frequency and Time Signal-Satellite (earth to space) Space Research 5.333	RADIOLOCATION	CEPT T/R 70-03
13.75 – 14	FIXED-SATELLITE (earth to space) RADIOLOCATION Standard Frequency and Time Signal-Satellite (earth to space) Space Research 5.333, 5.502, 5.503	FIXED-SATELLITE (earth to space) - SNG up link RADIOLOCATION	CEPT T/R 11-01 CEPT T/R 70-03
14 - 14.3	FIXED-SATELLITE (earth to space) 5.506 RADIONAVIGATION 5.504 Mobile-Satellite except aeronautical mobile (earth to space) Space Research 5.508	FIXED-SATELLITE (earth to space) - VSAT up link - SNG up link - HEST up link 14.0-14.25 GHz - LEST up link 14.0-14.25 GHz - ESV up link - AES uplink	CEPT T/R 13-03 CEPT T/R 11-01 CEPT T/R 11-01 ECC/DEC (03)04 ECC/DEC/(06)03 ECC/DEC/(06)02 ECC/DEC(05)(10) ECC/DEC/(05)11 ERC/DEC/(98)15

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14.3 - 14.4	FIXED FIXED-SATELLITE (earth to space) 5.506 MOBILE except aeronautical mobile Mobile-Satellite except aeronautical mobile (earth to space) Radionavigation-Satellite	FIXED-SATELLITE (earth to space) - VSAT up link - SNG up link - ESV up link - AES uplink	CEPT T/R 13-03 CEPT T/R 11-01 CEPT T/R 11-01 ECC/DEC (03)04 ECC/DEC(05)(10) ECC/DEC/(05)11
14.4 - 14.47	FIXED FIXED-SATELLITE (earth to space) 5.506 MOBILE except aeronautical mobile Mobile-Satellite except aeronautical mobile (earth to space) Space Research (space to earth)	FIXED-SATELLITE (earth to space) - VSAT up link - SNG up link - ESV up link	CEPT T/R 13-03 CEPT T/R 11-01 CEPT T/R 11-01 ECC/DEC (03)04 ECC/DEC(05)(10) ECC/DEC/(05)11
14.47 - 14.5	FIXED FIXED-SATELLITE (earth to space) 5.506 MOBILE except aeronautical mobile Mobile-Satellite except aeronautical mobile (earth to space) Radio Astronomy 5.149	FIXED-SATELLITE (earth to space) - VSAT up link - SNG up link - ESV - AES	CEPT T/R 13-03 CEPT T/R 11-01 CEPT T/R 11-01 ECC/DEC (03)04 ECC/DEC(05)(10) ECC/DEC/(05)11
14.5 - 14.8	FIXED FIXED-SATELLITE (earth to space) MOBILE Space Research	FIXED (14.5-14.62 paired with 15.23-15.35)	ERC/REC 12-07
14.8 - 15.35	FIXED Mobile Space Research 5.339	FIXED (15.23-15.35 paired with 14.5-14.62)	ERC/REC 12-07
15.35 - 15.4	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)		
15.4 - 15.43	AERONAUTICAL RADIONAVIGATION 5.511D		
15.43 - 15.63	FIXED-SATELLITE (earth to space) 5.511A AERONAUTICAL RADIONAVIGATION 5.511C		
15.63 - 15.7	AERONAUTICAL RADIONAVIGATION 5.511D		
15.7 - 16.6	RADIOLOCATION		

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16.6 - 17.1	RADIOLOCATION Space Research (deep space)(earth to space)		
17.1 - 17.2	RADIOLOCATION	HIPERLAN SRD – Radiodeterminatio application (17.1-17.3 GHz)	CEPT T/R 70—03 Commission Dec 2006/771/EC T/R 22-06
17.2 - 17.3	RADIOLOCATION EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) 5.513A	HIPERLAN SRD – Radiodeterminatio application (17.1-17.3 GHz)	CEPT T/R 70—03 Commission Dec 2006/771/EC T/R 22-06
17.3 - 17.7	FIXED-SATELLITE (earth to space) 5.516 Radiolocation		ECC/DEC/(05)08
17.7 - 18.4	FIXED FIXED-SATELLITE (space to earth) (earth to Space) 5.516, 5.520 MOBILE 5.519	FIXED	CEPT T/R 12-03 ERC/DEC/(00)07 ERC/DEC/(99)26
18.4 - 18.6	FIXED FIXED-SATELLITE (space to earth) MOBILE	FIXED	CEPT T/R 12-03 ERC/DEC/(00)07 ERC/DEC/(99)26
18.6 - 18.8	FIXED FIXED-SATELLITE (space to earth) 5.522B MOBILE except aeronautical mobile EARTH EXPLORATION-SATELLITE (passive) Space Research (passive) 5.522A, 5.522C	FIXED	CEPT T/R 12-03 ERC/DEC/(00)07 ERC/DEC/(99)26
18.8 - 19.3	FIXED FIXED-SATELLITE (space to earth) 5.523A MOBILE	FIXED	CEPT T/R 12-03 ERC/DEC/(00)07 ERC/DEC/(99)26
19.3 - 19.7	FIXED FIXED-SATELLITE (space to earth) (earth to space) 5.523B, 5.523C, 5.523D, 5.523E MOBILE	FIXED	CEPT T/R 12-03 ERC/DEC/(00)07 ERC/DEC/(99)26
19.7 - 20.1	FIXED-SATELLITE (space to earth) Mobile-satellite (space to earth)	- HEST downlink - LEST down link	ECC/DEC/(06)03 ECC/DEC/(06)02 ECC/DEC/(05)08 ERC/DEC/(99)26
20.1 - 20.2	FIXED-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth) 5.525, 5.526, 5.527, 5.528	- HEST down link - LEST down link	ECC/DEC/(06)03 ECC/DEC/(06)02 ECC/DEC/(05)08 ERC/DEC/(99)26

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
20.2 - 21.2	FIXED-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth) Standard Frequency and Time Signal-Satellite (space to earth)		
21.2 - 21.4	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)		
21.4 - 22	FIXED MOBILE BROADCASTING-SATELLITE 5.530	- 21.65-26.65 GHz Autom. Short Range Radars	ECC/DEC/(04)10 2005/50/EC
22 - 22.21	FIXED MOBILE except aeronautical mobile 5.149	FIXED - Autom. Short Range Radars	T/R 13-02 ECC/DEC/(04)10 2005/50/EC
22.21 - 22.5	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149	FIXED - Autom. Short Range Radars	T/R 13-02 ECC/DEC/(04)10 2005/50/EC
22.5 - 22.55	FIXED MOBILE	FIXED - Autom. Short Range Radars	T/R 13-02 2005/50/EC
22.55 - 23.55	FIXED MOBILE INTER-SATELLITE 5.149, 5.338A	FIXED - Autom. Short Range Radars	T/R 13-02 ECC/DEC/(04)10 2005/50/EC
23.55 - 23.6	FIXED MOBILE	FIXED - Autom. Short Range Radars	T/R 13-02 ECC/DEC/(04)10 2005/50/EC
23.6 - 24	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	- Autom. Short Range Radars	ECC/DEC/(04)10 2005/50/EC
24 - 24.05	AMATEUR AMATEUR-SATELLITE 5.150	AMATEUR AMATEUR-SATELLITE SRD - Short Range Devices (24.0-24.25 GHz) ISM - Industrial, Scientific and Medical applications (24.0-24.25 GHz) - Autom. Short Range Radars	CEPT T/R 70—03 S5.150 ECC/DEC/(04)10 2005/50/EC
24.05 - 24.25	RADIOLOCATION Amateur Earth Exploration-Satellite (active) 5.150	RADIOLOCATION Amateur SRD - Short Range Devices (24.0-24.25 GHz) SRD – Tank Level Probing Radar (24.05-27GHz) ISM - Industrial, Scientific and Medical applications (24.0-24.25 GHz) - Autom. Short Range Radars	CEPT T/R 60-01 CEPT T/R 70—03 Commission Dec 2006/771/ECCommission Dec 2008/432/EC S5.150 ECC/DEC/(04)10 2005/50/EC

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
24.25 - 24.45	FIXED	FIXED (24.5-25.445 paired with 25.557-26.5) - Autom. Short Range Radars SRD – Tank Level Probing Radar (24.05-27GHz)	CEPT T/R 13-02 Annex B ECC/DEC/(04)10 2005/50/EC CEPT T/R 70—03 Commission Dec 2006/771/EC
24.45 - 24.75	FIXED INTER-SATELLITE	FIXED (24.5-25.445 paired with 25.557-26.5) - Autom. Short Range Radars SRD – Tank Level Probing Radar (24.05-27GHz)	CEPT T/R 13-02 Annex B ECC/DEC/(04)10 2005/50/EC CEPT T/R 70—03 Commission Dec 2006/771/EC
24.75 - 25.25	FIXED	FIXED (24.5-25.445 paired with 25.557-26.5) - Autom. Short Range Radars SRD – Tank Level Probing Radar (24.05-27GHz)	CEPT T/R 13-02 Annex B ECC/DEC/(04)10 2005/50/EC CEPT T/R 70—03 Commission Dec 2006/771/EC
25.25 - 25.5	FIXED INTER-SATELLITE 5.533 MOBILE Standard Frequency and Time Signal-Satellite (earth to space)	FIXED (24.5-25.445 paired with 25.557-26.5) - Autom. Short Range Radars SRD – Tank Level Probing Radar (24.05-27GHz)	CEPT T/R 13-02 Annex B ECC/DEC/(04)10 2005/50/EC CEPT T/R 70—03 Commission Dec 2006/771/EC
25.5 - 27	FIXED EARTH EXPLORATION-SATELLITE (space to earth 5.536A INTER-SATELLITE 5.536 MOBILE Standard Frequency and Time Signal-Satellite (earth to space)	FIXED (25.557-26.5 paired with 24.5-25.445) - 21.65-26.65 GHz Autom. Short SRD – Tank Level Probing Radar (24.05-27GHz) Range Radars	CEPT T/R 13-02 Annex B ECC/DEC/(04)10 2005/50/EC CEPT T/R 70—03 Commission Dec 2006/771/EC
27 - 27.5	FIXED INTER-SATELLITE 5.536 MOBILE		
27.5 - 28.5	FIXED FIXED-SATELLITE (earth to space) 5.539 5.484A MOBILE 5.538, 5.540	FIXED (27.5-28.4445 pair with 28.5565-29.5)	CEPT T/R 13-02 Annex C ECC/DEC(05)01

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
28.5 - 29.1	FIXED FIXED-SATELLITE (earth to space) 5.523A, 5.539 MOBILE Earth Exploring-Satellite (earth to space) 5.541 5.540	FIXED (28.5565-29.5 pair with 27.5-28.4445)	CEPT T/R 13-02 Annex C ECC/DEC(05)01
29.1 - 29.5	FIXED FIXED-SATELLITE (earth to space) 5.523C, 5.523E, 5.535A, 5.539, 5.541A MOBILE Earth Exploring-Satellite (earth to space) 5.541 5.540	FIXED (28.5565-29.5 pair with 27.5-28.4445)	CEPT T/R 13-02 Annex C ECC/DEC(05)01
29.5 - 29.9	FIXED-SATELLITE (earth to space) 5.539 Mobile-Satellite (earth to space) Earth Exploring-Satellite (earth to space) 5.541 5.540	- HEST up link - LEST up link	ECC/DEC/(06)03 ECC/DEC/(06)02 ECC/DEC/(05)08
29.9 - 30	FIXED-SATELLITE (earth to space) 5.539 MOBILE-SATELLITE (earth to space) Earth Exploring-Satellite (earth to space) 5.541 5.525, 5.526, 5.527, 5.543, 5.538, 5.540	- HEST up link - LEST up link	ECC/DEC/(06)03 ECC/DEC/(06)02 ECC/DEC/(05)08
30 - 31	FIXED-SATELLITE (earth to space) MOBILE-SATELLITE (earth to space) Standard Frequency and Time Signal-Satellite (space to earth) 5.338A		
31 - 31.3	FIXED MOBILE Standard Frequency and Time Signal-Satellite (space to earth) Space Research 5.544 5.149, 5.338A		ECC/REC/(02)02
31.3 - 31.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		ECC/REC(04)06
31.5 - 31.8	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149		ECC/REC(04)06

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
31.8 - 32	RADIONAVIGATION FIXED S5.547A SPACE RESEARCH (deep sp.) (sp. to earth) 5.547, 5.548		ECC/REC(04)06
32 - 32.3	RADIONAVIGATION FIXED 5.547A INTER-SATELLITE SPACE RESEARCH (deep sp.) (sp. to earth) 5.547, 5.548		ECC/REC(04)06
32.3 - 33	RADIONAVIGATION FIXED 5.547A INTER-SATELLITE 5.547, 5.548		ECC/REC(04)06
33 - 33.4	RADIONAVIGATION FIXED 5.547A 5.547		ECC/REC(04)06
33.4 - 34.2	RADIOLOCATION		
34.2 - 34.7	RADIOLOCATION SPACE RESEARCH (deep sp.) (earth to sp.)		
34.7 - 35.2	RADIOLOCATION Space Research		
35.2 - 35.5	METEOROLOGICAL AIDS RADIOLOCATION		
35.5 - 36	EARTH EXPLORATION-SATELLITE (active) METEOROLOGICAL AIDS RADIOLOCATION SPACE RESEARCH (active)		
36 - 37	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.149		
37 - 37.5	FIXED MOBILE SPACE RESEARCH (space to earth) 5.547	FIXED (37-38.178 paired with 38.318-39.5)	CEPT T/R 12-01 Low and medium capacity links
37.5 - 38	FIXED FIXED-SATELLITE (space to earth) MOBILE SPACE RESEARCH (space to earth) Earth Exploration-Satellite (space to earth) 5.547	FIXED (37-38.178 paired with 38.318-39.5)	CEPT T/R 12-01 ERC/DEC/(96)08 Low and medium capacity links ECC/DEC/(00)02

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
38 - 39.5	FIXED FIXED-SATELLITE (space to earth) MOBILE Earth Exploration-Satellite (space to earth) 5.547	FIXED (37-38.178 paired with 38.318-39.5)	CEPT T/R 12-01 ERC/DEC/(96)08 Low and medium capacity links ECC/DEC/(00)02
39.5 - 40	FIXED FIXED-SATELLITE (space to earth) MOBILE MOBILE-SATELLITE (space to earth) Earth Exploration-Satellite (space to earth) 5.547		ECC/DEC/(00)02
40 - 40.5	EARTH EXPLORATION-SATELLITE (earth to space) FIXED MOBILE FIXED-SATELLITE (space to earth) MOBILE-SATELLITE (space to earth) SPACE RESEARCH (earth to space) Earth Exploration-Satellite (space to earth)		ECC/DEC/(00)02
40.5 - 42.5	BROADCASTING FIXED FIXED-SATELLITE (space to earth) BROADCASTING-SATELLITE Mobile 5.547	BROADCASTING MWS - Multimedia Wireless System FIXED	ECC/REC 01-04 CEPT T/R 52-01 ERC/DEC/(99)15 ECC/DEC (0204)
42.5 - 43.5	FIXED FIXED-SATELLITE (earth to space) 5.552 MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149, 5.547	MWS - Multimedia Wireless System	ERC/DEC/(99)15 ECC/REC 01-04
43.5 - 47	MOBILE 5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554		
47 - 47.2	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	
47.2 - 50.2	FIXED FIXED-SATELLITE (earth to space) 5.552 MOBILE 5.149, 5.340, 5.552A, 5.555, 5.338A	FIXED	ERC/REC 12-10 ECC/DEC/(05)08
50.2 - 50.4	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340		

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
50.4 - 51.4	FIXED FIXED-SATELLITE (earth to space) 5.552 MOBILE Mobile-Satellite (earth to space)		
51.4 - 52.6	FIXED MOBILE 5.556, 5.547, 5.338A	FIXED	ERC/REC 12-11
52.6 - 54.25	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340, 5.556		
54.25 - 55.78	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive)		
55.78 – 58.2	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A, MOBILE 5.558 SPACE RESEARCH (passive) 5.557, 5.547	FIXED SRD – Wideband data systems (57-66 GHz) SRD – Tank Level Probing Radar (57-64 GHz)	ERC/REC 12-12 ERC/REC 12-09 CEPT T/R 70-03 Commission Dec 2009/381/EC
58.2 - 59	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.556, 5.547	FIXED SRD – Wideband data systems (57-66 GHz) SRD – Tank Level Probing Radar (57-64 GHz)	ERC/REC 12-09 CEPT T/R 70-03 Commission Dec 2009/381/EC
59 - 59.3	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) RADIOLOCATION 5.559	SRD – Wideband data systems (57-66 GHz) SRD – Tank Level Probing Radar (57-64 GHz)	CEPT T/R 70-03 Commission Dec 2009/381/EC
59.3 - 64	FIXED INTER-SATELLITE MOBILE 5.558 RADIOLOCATION 5.559 5.138	SRD – Short Range Devices(63-64 GHz) Vehicle to vehicle syst. SRD – Short Range Devices (61.0-61.50 GHz) SRD – Wideband data systems (57-66 GHz) SRD – Tank Level Probing Radar (57-64 GHz)	CEPT T/R 70-03 ECC/DEC (02)01 Commission Dec 2009/381/ECCom mission Dec 2008/432/EC
64 - 65	FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.556, 5.547	FIXED SRD – Wideband data systems (57-66 GHz)	ECC/REC/(05)02 CEPT T/R 70-03 Commission Dec 2009/381/EC
65 - 66	EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547	FIXED SRD – Wideband data systems (57-66 GHz)	ECC/REC/(05)02 CEPT T/R 70-03 Commission Dec 2009/381/EC
66 - 71	MOBILE 5.553, 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE INTER-SATELLITE 5.554		

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71 - 74	FIXED FIXED-SATELLITE (space to earth) MOBILE MOBILE-SATELLITE (space to earth)	FIXED	ECC/REC/(05)07
74 - 76	FIXED FIXED-SATELLITE (space to earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space Research (space to earth) 5.561	FIXED SRD – Tank Level Probing Radar (75-85 GHz)	ECC/REC/(05)07 CEPT T/R 70-03 Commission Dec 2006/771/EC
76 – 77.5	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-Satellite Space Research (space to earth) 5.149	SRD 76-77 GHz (RTTT) 77-81 GHz Autom. Short Range Radar SRD – Tank Level Probing Radar (75-85 GHz) Amateur Amateur-Satellite	ERC/REC 70-03 ECC/DEC/(02)01 ECC/DEC/(04)03 2004/545/EC CEPT T/R 70-03 Commission Dec 2006/771/EC
77.5 - 78	AMATEUR AMATEUR-SATELLITE Radio Astronomy Space Research (space to earth) 5.149	AMATEUR AMATEUR-SATELLITE 77-81 GHz Autom. Short Range Radar SRD – Tank Level Probing Radar (75-85 GHz)	ECC/DEC/(04)03 2004/545/EC CEPT T/R 70-03 Commission Dec 2006/771/EC
78 - 79	RADIOLOCATION Amateur Amateur-Satellite Radio Astronomy Space Research (space to earth) 5.149, 5.560	Amateur Amateur-Satellite 77-81 GHz Autom. Short Range Radar SRD – Tank Level Probing Radar (75-85 GHz)	ECC/DEC/(04)03 2004/545/EC CEPT T/R 70-03 Commission Dec 2006/771/EC
79 – 81	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-Satellite Space Research (space to earth) 5.149	Amateur Amateur-Satellite 77-81 GHz Autom. Short Range Radar SRD – Tank Level Probing Radar (75-85 GHz)	ECC/DEC/(04)03 2004/545/EC CEPT T/R 70-03 Commission Dec 2006/771/EC

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81 - 84	FIXED FIXED-SATELLITE (earth to space) MOBILE MOBILE-SATELLITE (earth to space) RADIO ASTRONOMY Space Research (space to earth) 5.149, 5.560A	FIXED SRD – Tank Level Probing Radar (75-85 GHz)	ECC/REC/(05)07 CEPT T/R 70-03 Commission Dec 2006/771/EC
84 - 86	FIXED FIXED-SATELLITE (earth to space) 5.561A MOBILE RADIO ASTRONOMY 5.149	FIXED SRD – Tank Level Probing Radar (75-85 GHz)	ECC/REC/(05)07 CEPT T/R 70-03 Commission Dec 2006/771/EC
86 - 92	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
92 - 94	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149		
94 - 94.1	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio Astronomy 5.562, 5.562A		
94.1 - 95	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149		
95 - 100	FIXED MOBILE RADIONAVIGATION RADIONAVIGATION-SATELLITE RADIO ASTRONOMY RADIOLOCATION 5.149, 5.554		
100 - 102	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341		
102 - 105	FIXED MOBILE RADIO ASTRONOMY 5.149, 5.341		
105 –109.5	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149, 5.341		

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109.5 – 111.8	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341		
111.8 – 114.25	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149, 5.341		
114,25 – 116	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341		
116 – 119,98	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.341		
119,98 – 122.25	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE S5.562C SPACE RESEARCH (passive) 5.138, 5.341		
122.25 – 123	FIXED INTER-SATELLITE MOBILE 5.558 Amateur 5.138	Amateur SRD – Short Range Devices (122-123 GHz)	CEPT T/R 70-03
123 – 130	FIXED-SATELLITE (SPACE TO EARTH) MOBILE-SATELLITE (SPACE TO EARTH) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio Astronomy 5.562D 5.149, 5.554		
130 – 134	FIXED INTER-SATELLITE MOBILE 5.558 EARTH EXPLORATION-SATELLITE (active) 5.562E RADIO ASTRONOMY 5.149, 5.562A		
134 – 136	AMATEUR AMATEUR-SATELLITE Radio Astronomy	AMATEUR AMATEUR-SATELLITE	

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
136 – 141	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-Satellite 5.149	Amateur Amateur-Satellite	
141 – 148.5	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149		
148.5 – 151.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
151.5 – 155.5	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149		
155.5 – 158.5	EARTH EXPLORATION-SATELLITE (passive) S5.562F FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149, 5.562G		
158.5 – 164	FIXED FIXED-SATELLITE (space to earth) MOBILE MOBILE-SATELLITE (space to earth)		
164 – 167	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
167 – 174.5	FIXED FIXED-SATELLITE (space to earth) MOBILE S5.558 INTER-SATELLITE 5.149, 5.562D		
174.5 – 174.8	FIXED MOBILE 5.558 INTER-SATELLITE		
174.8 – 182	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)		
182 - 185	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
185 - 190	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)		

Frequency band (GHz)	Allocation RR Region 1	National use	Notes
190 – 191.8	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340		
191.8 - 200	FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149, 5.341 5.554		
200 - 209	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340, 5.341, 5.563A		
209 – 217	FIXED FIXED-SATELLITE (earth to space) MOBILE RADIO ASTRONOMY 5.149, 5.341		
217 - 226	FIXED FIXED-SATELLITE (earth to space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149, 5.341		
226 – 231.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
231.5 - 232	FIXED MOBILE Radiolocation		
232 – 235	FIXED FIXED-SATELLITE (space to earth) MOBILE Radiolocation		
235 – 238	EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space to earth) SPACE RESEARCH (passive) 5.563A, 5.563B		
238 – 240	FIXED FIXED-SATELLITE (space to earth) MOBILE RADIONAVIGATION RADIONAVIGATION-SATELLITE RADIOLOCATION		
240 – 241	FIXED MOBILE RADIOLOCATION		

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Frequency band (GHz)	Allocation RR Region 1	National use	Notes
241 – 248	RADIOLOCATION RADIOASTRONOMY Amateur Amateur-Satellite 5.138, 5.149	Amateur Amateur-Satellite SRD – Short Range Devices (244 - 246 GHz)	CEPT T/R 70-03
248 - 250	AMATEUR AMATEUR-SATELLITE Radio Astronomy 5.149	AMATEUR AMATEUR-SATELLITE	
250 - 252	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) RADIO ASTRONOMY 5.340, 5.563A		
252 - 265	FIXED MOBILE MOBILE-SATELLITE (earth to space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149, 5.554		
265 - 275	FIXED FIXED-SATELLITE (earth to space) MOBILE RADIO ASTRONOMY 5.149, 5.563A		
275 - 400	(not allocated)		