

# FREQUENCY TABLE CURAÇAO 2017

The Minister of Traffic, Transport and Urban Planning  
Bureau Telecommunicatie en Post  
Curaçao, 23 January 2017

Frequency band kHz	Radio Regulations	National allocation	Remarks
< 8.3	(Not allocated) 5.53 5.54	Not allocated	
8.3 – 9	METEOROLOGICAL AIDS 5.54A 5.54B 5.54C	METEOROLOGICAL AIDS	
9 – 11.3	METEOROLOGICAL AIDS 5.54A RADIONAVIGATION	METEOROLOGICAL AIDS RADIONAVIGATION	SRD Medical implant (9 – 600 kHz) Inductive systems (9 – 148.5 kHz)
11.3 – 14	RADIONAVIGATION	RADIONAVIGATION	SRD Medical implant (9 – 600 kHz) Inductive systems (9 – 148.5 kHz)
14 – 19.95	FIXED MARITIME MOBILE 5.57 5.55 5.56	FIXED MARITIME MOBILE	SRD Medical implant (9 – 600 kHz) Inductive systems (9 – 48.5 kHz)
19.95 – 20.05	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	SRD Medical implant (9 – 600 kHz) Inductive systems (9 – 148.5 kHz)
20.05 – 70	FIXED MARITIME MOBILE 5.57 5.56 5.58	FIXED MARITIME MOBILE	SRD Medical implant (9 – 600 kHz) Inductive systems (9 – 148.5 kHz)
70 – 90	FIXED MARITIME MOBILE 5.57 MARITIME RADIONAVIGATION 5.60 Radiolocation 5.61	FIXED MARITIME MOBILE MARITIME RADIONAVIGATION Radiolocation	SRD Medical implant (9 – 600 kHz) Inductive systems (9 – 148.5 kHz)
90 – 110	RADIONAVIGATION 5.62 Fixed 5.64	RADIONAVIGATION Fixed	SRD Medical implant (9 – 600 kHz) Inductive systems (9 – 148.5 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
110 – 130	FIXED MARITIME MOBILE MARITIME RADIONAVIGATION 5.60 Radiolocation  5.61 5.64	FIXED MARITIME MOBILE MARITIME RADIONAVIGATION Radiolocation	SRD Medical implant (9 – 600 kHz)  Inductive systems (9 – 148.5 kHz)
130 – 135.7	FIXED MARITIME MOBILE  5.64	FIXED MARITIME MOBILE	SRD Medical implant (9 – 600 kHz)  Inductive systems (9 – 148.5 kHz)
135.7 – 137.8	FIXED MARITIME MOBILE Amateur 5.67A  5.64	FIXED MARITIME MOBILE Amateur	SRD Medical implant (9 – 600 kHz)  Inductive systems (9 – 148.5 kHz)
137.8 – 160	FIXED MARITIME MOBILE  5.64	FIXED MARITIME MOBILE	SRD Medical implant (9 – 600 kHz)  Inductive systems (9 – 148.5 kHz)
160 – 190	FIXED	FIXED	SRD Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
190 – 200	AERONAUTICAL RADIONAVIGATION	AERONAUTICAL RADIONAVIGATION	SRD Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
200 – 275	AERONAUTICAL RADIONAVIGATION Aeronautical mobile	AERONAUTICAL RADIONAVIGATION Aeronautical mobile	SRD Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
275 – 285	AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radiobeacons)	AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radiobeacons)	SRD Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
285 – 315	AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) 5.73	AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons)	SRD Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
315 – 325	MARITIME RADIONAVIGATION (radiobeacons) 5.73 Aeronautical radionavigation	MARITIME RADIONAVIGATION (radiobeacons) Aeronautical radionavigation	SRD Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
325 – 335	AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radiobeacons)	AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radiobeacons)	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
335 – 405	AERONAUTICAL RADIONAVIGATION Aeronautical mobile	AERONAUTICAL RADIONAVIGATION Aeronautical mobile	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
405 – 415	RADIONAVIGATION 5.76 Aeronautical mobile	RADIONAVIGATION Aeronautical mobile	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
415 – 472	MARITIME MOBILE 5.79 Aeronautical radionavigation 5.77 5.80  5.78 5.82	MARITIME MOBILE Aeronautical radionavigation	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
472 – 479	MARITIME MOBILE 5.79 Amateur 5.80A Aeronautical radionavigation 5.77 5.80  5.80B 5.82	MARITIME MOBILE Amateur Aeronautical radionavigation	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
479 – 495	MARITIME MOBILE 5.79 5.79A Aeronautical radionavigation 5.77 5.80  5.82	MARITIME MOBILE Aeronautical radionavigation	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
495 – 505	MARITIME MOBILE	MARITIME MOBILE	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
505 – 510	MARITIME MOBILE 5.79	MARITIME MOBILE	SRD RFID (400-600 kHz) Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
510 – 525	MARITIME MOBILE 5.79A 5.84 AERONAUTICAL RADIONAVIGATION	MARITIME MOBILE AERONAUTICAL RADIONAVIGATION	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
525 – 535	BROADCASTING 5.86 AERONAUTICAL RADIONAVIGATION	BROADCASTING AERONAUTICAL RADIONAVIGATION	SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
535 – 1,605	BROADCASTING	BROADCASTING	Medium Wave Broadcasting  SRD RFID (400 – 600 kHz)  Medical implant (9 – 600 kHz)  Inductive systems (148.5 – 5,000 kHz)
1,605 – 1,625	BROADCASTING 5.89  5.90	BROADCASTING	SRD Inductive systems (148.5 – 5,000 kHz)
1,625 – 1,705	FIXED MOBILE BROADCASTING 5.89 Radiolocation  5.90	FIXED MOBILE BROADCASTING Radiolocation	SRD Inductive systems (148.5 – 5,000 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
1,705 – 1,800	FIXED MOBILE RADIOLOCATION AERONAUTICAL RADIONAVIGATION	FIXED MOBILE RADIOLOCATION AERONAUTICAL RADIONAVIGATION	SRD Inductive systems (148.5 – 5,000 kHz)
1,800 – 1,850	AMATEUR	AMATEUR	SRD Inductive systems (148.5 – 5,000 kHz)
1,850 – 2,000	AMATEUR FIXED MOBILE except aeronautical mobile RADIOLOCATION RADIONAVIGATION 5.102	AMATEUR FIXED MOBILE except aeronautical mobile RADIOLOCATION RADIONAVIGATION	SRD Inductive systems (148.5 – 5,000 kHz)
2,000 – 2,065	FIXED MOBILE	FIXED MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
2,065 – 2,107	MARITIME MOBILE 5.105 5.106	MARITIME MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
2,107 – 2,170	FIXED MOBILE	FIXED MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
2,170 – 2,173.5	MARITIME MOBILE	MARITIME MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
2,173.5 – 2,190.5	MOBILE (distress and calling) 5.108 5.109 5.110 5.111	MOBILE (distress and calling)	SRD Inductive systems (148.5 – 5,000 kHz)
2,190.5 – 2,194	MARITIME MOBILE	MARITIME MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
2,194 – 2,300	FIXED MOBILE 5.112	FIXED MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
2,300 – 2,495	FIXED MOBILE BROADCASTING 5.113	FIXED MOBILE BROADCASTING	SRD Inductive systems (148.5 – 5,000 kHz)
2,495 – 2,501	STANDARD FREQUENCY AND TIME SIGNAL (2,500 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (2,500 kHz)	SRD Inductive systems (148.5 – 5,000 kHz)
2,501 – 2,502	STANDARD FREQUENCY AND TIME SIGNAL Space Research	STANDARD FREQUENCY AND TIME SIGNAL Space Research	SRD Inductive systems (148.5 – 5,000 kHz)
2,502 – 2,505	STANDARD FREQUENCY AND TIME SIGNAL	STANDARD FREQUENCY AND TIME SIGNAL	SRD Inductive systems (148.5 – 5,000 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
2,505 – 2,850	FIXED MOBILE	FIXED MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
2,850 – 3,025	AERONAUTICAL MOBILE (R) 5.111 5.115	AERONAUTICAL MOBILE (R)	SRD Inductive systems (148.5 – 5000 kHz)
3,025 – 3,155	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	SRD Inductive systems (148.5 – 5,000 kHz)
3,155 – 3,200	FIXED MOBILE except aeronautical mobile (R) 5.116 5.117	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems (3,155 – 3,400 kHz)
3,200 – 3,230	FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.116	FIXED MOBILE except aeronautical mobile (R) BROADCASTING	SRD Inductive systems (3,155 – 3,400 kHz)
3,230 – 3,400	FIXED MOBILE except aeronautical mobile BROADCASTING 5.113 5.116 5.118	FIXED MOBILE except aeronautical mobile BROADCASTING	SRD Inductive systems (3,155 – 3,400 kHz)
3,400 – 3,500	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	SRD Inductive systems (148.5 – 5,000 kHz)
3,500 – 3,750	AMATEUR 5.119	AMATEUR	SRD Inductive systems (148.5 – 5,000 kHz)
3,750 – 4,000	AMATEUR FIXED MOBILE except aeronautical mobile (R) 5.122 5.125	AMATEUR FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems (148.5 – 5,000 kHz)
4,000 – 4,063	FIXED MARITIME MOBILE 5.127 5.126	FIXED MARITIME MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
4,063 – 4,438	MARITIME MOBILE 5.79A 5.109 5.110 5.130 5.131 5.132 5.128	MARITIME MOBILE	SRD Inductive systems (148.5 – 5,000 kHz)
4,438 – 4,488	FIXED MOBILE except aeronautical mobile (R) RADIOLOCATION 5.132A	FIXED MOBILE except aeronautical mobile (R) RADIOLOCATION	SRD Inductive systems (148.5 – 5,000 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
4,488 – 4,650	FIXED MOBILE except aeronautical mobile (R)	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems (148.5 – 5,000 kHz)
4,650 – 4,700	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	SRD Inductive systems (148.5 – 5,000 kHz)
4,700 – 4,750	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	SRD Inductive systems (148.5 – 5,000 kHz)
4,750 – 4,850	FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113	FIXED MOBILE except aeronautical mobile (R) BROADCASTING	SRD Inductive systems (148.5 – 5,000 kHz)
4,850 – 4,995	FIXED LAND MOBILE BROADCASTING 5.113	FIXED LAND MOBILE BROADCASTING	SRD Inductive systems (148.5 – 5,000 kHz)
4,995 – 5,003	STANDARD FREQUENCY AND TIME SIGNAL (5,000 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (5,000 kHz)	SRD Inductive systems (148.5 – 5,000 kHz)
5,003 – 5,005	STANDARD FREQUENCY AND TIME SIGNAL Space research	STANDARD FREQUENCY AND TIME SIGNAL Space research	
5,005 – 5,060	FIXED BROADCASTING 5.113	FIXED BROADCASTING	
5,060 – 5,250	FIXED Mobile except aeronautical mobile  5.133	FIXED Mobile except aeronautical mobile	
5,250 – 5,275	FIXED MOBILE except aeronautical mobile RADIOLOCATION 5.132A	FIXED MOBILE except aeronautical mobile RADIOLOCATION	
5,275 – 5,351.5	FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile	
5,351.5 – 5,366.5	FIXED MOBILE except aeronautical mobile Amateur 5.133B	FIXED MOBILE except aeronautical mobile Amateur	
5,366.5 – 5,450	FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile	
5,450 – 5,480	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	



Frequency band kHz	Radio Regulations	National allocation	Remarks
5,480 – 5,680	AERONAUTICAL MOBILE (R) 5.111 5.115	AERONAUTICAL MOBILE (R)	
5,680 – 5,730	AERONAUTICAL MOBILE (OR) 5.111 5.115	AERONAUTICAL MOBILE (OR)	
5,730 – 5,900	FIXED MOBILE except aeronautical mobile (R)	FIXED MOBILE except aeronautical mobile (R)	
5,900 – 5,950	BROADCASTING 5.134 5.136	BROADCASTING	
5,950 – 6,200	BROADCASTING	BROADCASTING	
6,200 – 6,525	MARITIME MOBILE 5.109 5.110 5.130 5.132 5.137	MARITIME MOBILE	
6,525 – 6,685	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	SRD Inductive systems (6,615 – 6,945 kHz)
6,685 – 6,765	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	SRD Inductive systems (6,615 – 6,945 kHz)
6,765 – 7,000	FIXED MOBILE except aeronautical mobile (R) 5.138	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems (6,615 – 6,945 kHz)  Telemetry/telecomm and/alarm/data (6,765 – 7,795 kHz)
7,000 – 7,100	AMATEUR AMATEUR-SATELLITE 5.140 5.141 5.141A	AMATEUR AMATEUR-SATELLITE	
7,100 – 7,200	AMATEUR 5.141A 5.141B	AMATEUR	
7,200 – 7,300	AMATEUR 5.142	AMATEUR	
7,300 – 7,400	BROADCASTING 5.134 5.143 5.143A 5.143B 5.143C 5.143D	BROADCASTING	
7,400 – 7,450	FIXED MOBILE except aeronautical mobile (R)	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems (7,400 – 8,800 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
7,450 – 8,100	FIXED MOBILE except aeronautical mobile (R)  5.144	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems (7,400 – 8,800 kHz)
8,100 – 8,195	FIXED MARITIME MOBILE	FIXED MARITIME MOBILE	SRD Inductive systems (7,400 – 8,800 kHz)
8,195 – 8,815	MARITIME MOBILE 5.109 5.110 5.132 5.145  5.111	MARITIME MOBILE	SRD Inductive systems (7,400 – 8,800 kHz)
8,815 – 8,965	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	
8,965 – 9,040	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	
9,040 – 9,400	FIXED	FIXED	
9,400 – 9,500	BROADCASTING 5.134  5.146	BROADCASTING	
9,500 – 9,900	BROADCASTING 5.134  5.147	BROADCASTING	
9,900 – 9,995	FIXED	FIXED	
9,995 – 10,003	STANDARD FREQUENCY AND TIME SIGNAL (10,000 kHz)  5.111	STANDARD FREQUENCY AND TIME SIGNAL (10,000 kHz)	
10,003 – 10,005	STANDARD FREQUENCY AND TIME SIGNAL Space research  5.111	STANDARD FREQUENCY AND TIME SIGNAL Space research	
10,005 – 10,100	AERONAUTICAL MOBILE (R)  5.111	AERONAUTICAL MOBILE (R)	
10,100 – 10,150	FIXED Amateur	FIXED Amateur	
10,150 – 11,175	FIXED Mobile except aeronautical mobile (R)	FIXED Mobile except aeronautical mobile (R)	SRD Inductive systems (10.2 – 11,000 kHz)
11,175 – 11,275	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	
11,275 – 11,400	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	

Frequency band kHz	Radio Regulations	National allocation	Remarks
11,400 – 11,600	FIXED	FIXED	
11,600 – 11,650	BROADCASTING 5.134 5.146	BROADCASTING	
11,650 – 12,050	BROADCASTING 5.147	BROADCASTING	
12,050 – 12,100	BROADCASTING 5.134 5.146	BROADCASTING	
12,100 – 12,230	FIXED	FIXED	
12,230 – 13,200	MARITIME MOBILE 5.109 5.110 5.132 5.145	MARITIME MOBILE	SRD Medical implant (12,500 – 20,000 kHz)
13,200 – 13,260	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	SRD Medical implant (12,500 – 20,000 kHz)
13,260 – 13,360	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	SRD Medical implant (12,500 – 20,000 kHz)
13,360 – 13,410	FIXED RADIO ASTRONOMY 5.149	FIXED RADIO ASTRONOMY	SRD Medical implant (12,500 – 20,000 kHz)  Inductive systems (13,403 – 13,712 MHz)
13,410 – 13,450	FIXED Mobile except aeronautical mobile (r)	FIXED Mobile except aeronautical mobile (r)	SRD Medical implant (12,500 – 20,000 kHz)  Inductive systems (13,403 – 13,712 MHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
13,450 – 13,550	FIXED Mobile except aeronautical mobile (r) Radiolocation 5.132A	FIXED Mobile except aeronautical mobile (r) Radiolocation	SRD  Medical implant (12,500 – 20,000 kHz)  Inductive systems (13,403 – 13,712 MHz)
13,550 – 13,570	FIXED Mobile except aeronautical mobile (r)  5.150	FIXED Mobile except aeronautical mobile (r)	SRD  Medical implant (12,500 – 20,000 kHz)  Inductive systems (13,403 – 13,712 MHz)  Telemetry/Tele-command/Alarm/data (13,553 – 13,567 kHz)
13,570 – 13,600	BROADCASTING 5.134  5.151	BROADCASTING	SRD  Medical implant (12,500 – 20,000 kHz)  Inductive systems (13,403 – 13,712 MHz)
13,600 – 13,800	BROADCASTING	BROADCASTING	SRD  Medical implant (12,500 – 20,000 kHz)  Inductive systems (13,403 – 13,712 MHz)
13,800 – 13,870	BROADCASTING 5.134  5.151	BROADCASTING	SRD  Medical implant (12,500 – 20,000 kHz)
13,870 – 14,000	FIXED Mobile except aeronautical mobile (r)	FIXED Mobile except aeronautical mobile (r)	SRD  Medical implant (12,500 – 20,000 kHz)
14,000 – 14,250	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	SRD  Medical implant (12,500 – 20,000 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
14,250 – 14,350	AMATEUR 5.152	AMATEUR	SRD Medical implant (12,500 – 20,000 kHz)
14,350 – 14,990	FIXED Mobile except aeronautical mobile (r)	FIXED Mobile except aeronautical mobile (r)	SRD Medical implant (12,500 – 20,000 kHz)
14,990 – 15,005	STANDARD FREQUENCY AND TIME SIGNAL (15,000 kHz) 5.111	STANDARD FREQUENCY AND TIME SIGNAL (15,000 kHz)	SRD Medical implant (12,500 – 20,000 kHz)
15,005 – 15,010	STANDARD FREQUENCY AND TIME SIGNAL Space research	STANDARD FREQUENCY AND TIME SIGNAL Space research	
15,010 – 15,100	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	SRD Medical implant (12,500 – 20,000 kHz)
15,100 – 15,600	BROADCASTING	BROADCASTING	SRD Medical implant (12,500 – 20,000 kHz)
15,600 – 15,800	BROADCASTING 5.134 5.146	BROADCASTING	SRD Medical implant (12,500 – 20,000 kHz)
15,800 – 16,100	FIXED 5.153	FIXED	SRD Medical implant (12,500 – 20,000 kHz)
16,100 – 16,200	FIXED RADIOLOCATION 5.145A	FIXED RADIOLOCATION	SRD Medical implant (12,500 – 20,000 kHz)
16,200 – 16,360	FIXED	FIXED	SRD Medical implant (12,500 – 20,000 kHz)
16,360 – 17,410	MARITIME MOBILE 5.109 5.110 5.132 5.145	MARITIME MOBILE	SRD Medical implant (12,500 – 20,000 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
17,410 – 17,480	FIXED	FIXED	SRD Medical implant (12,500 – 20,000 kHz)
17,480 – 17,550	BROADCASTING 5.134 5.146	BROADCASTING	SRD Medical implant (12,500 – 20,000 kHz)
17,550 – 17,900	BROADCASTING	BROADCASTING	SRD Medical implant (12,500 – 20,000 kHz)
17,900 – 17,970	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	SRD Medical implant (12,500 – 20,000 kHz)
17,970 – 18,030	AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	SRD Medical implant (12,500 – 20,000 kHz)
18,030 – 18,052	FIXED	FIXED	SRD Medical implant (12,500 – 20,000 kHz)
18,052 – 18,068	FIXED Space research	FIXED Space research	SRD Medical implant (12,500 – 20,000 kHz)
18,068 – 18,168	AMATEUR AMATEUR-SATELLITE 5.154	AMATEUR AMATEUR-SATELLITE	SRD Medical implant (12,500 – 20,000 kHz)
18,168 – 18,780	FIXED Mobile except aeronautical mobile	FIXED Mobile except aeronautical mobile	SRD Medical implant (12,500 – 20,000 kHz)
18,780 – 18,900	MARITIME MOBILE	MARITIME MOBILE	SRD Medical implant (12,500 – 20,000 kHz) SRD Medical implant (12,500 – 20,000 kHz)

Frequency band kHz	Radio Regulations	National allocation	Remarks
18,900 – 19,020	BROADCASTING 5.134 5.146	BROADCASTING	SRD Medical implant (12,500 – 20,000 kHz)
19,020 – 19,680	FIXED	FIXED	SRD Medical implant (12,500 – 20,000 kHz)
19,680 – 19,800	MARITIME MOBILE 5.132	MARITIME MOBILE	SRD Medical implant (12,500 – 20,000 kHz)
19,800 – 19,990	FIXED	FIXED	SRD Medical implant (12,500 – 20,000 kHz)
19,990 – 19,995	STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111	STANDARD FREQUENCY AND TIME SIGNAL Space research	SRD Medical implant (12,500 – 20,000 kHz)
19,995 – 20,010	STANDARD FREQUENCY AND TIME SIGNAL (20,000 kHz) 5.111	STANDARD FREQUENCY AND TIME SIGNAL (20,000 kHz)	SRD Medical implant (12,500 – 20,000 kHz)
20,010 – 21,000	FIXED Mobile	FIXED Mobile	
21,000 – 21,450	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	
21,450 – 21,850	BROADCASTING	BROADCASTING	
21,850 – 21,870	FIXED 5.155A 5.155	FIXED	
21,870 – 21,924	FIXED 5.155B	FIXED	
21,924 – 22,000	AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	
22,000 – 22,855	MARITIME MOBILE 5.132 5.156	MARITIME MOBILE	
22,855 – 23,000	FIXED 5.156	FIXED	

Frequency band kHz	Radio Regulations	National allocation	Remarks
23,000 – 23,200	FIXED MOBILE except aeronautical mobile 5.156	FIXED AERONAUTICAL MOBILE (OR)	
23,200 – 23,350	FIXED 5.156A AERONAUTICAL MOBILE (OR)	FIXED MOBILE except aeronautical mobile	
23,350 – 24,000	FIXED MOBILE except aeronautical mobile 5.157	FIXED MOBILE	
24,000 – 24,450	FIXED LAND MOBILE	FIXED LAND MOBILE	
24,450 – 24,650	FIXED LAND MOBILE RADIOLOCATION 5.132A  5.132A	FIXED LAND MOBILE RADIOLOCATION	SRD Paging system (26,500 – 26,900 MHz)
24,650 – 24,890	FIXED LAND MOBILE	FIXED LAND MOBILE	SRD Paging system (26,500 – 26,900 MHz)
24,890 – 24,990	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	SRD Paging system (26,500 – 26,900 MHz)
24,990 – 25,005	STANDARD FREQUENCY AND TIME SIGNAL (25,000 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (25,000 kHz)	
25,005 – 25,010	STANDARD FREQUENCY AND TIME SIGNAL Space research	STANDARD FREQUENCY AND TIME SIGNAL Space research	
25,010 – 25,070	FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile	
25,070 – 25,210	MARITIME MOBILE	MARITIME MOBILE	
25,210 – 25,550	FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile	
25,550 – 25,670	RADIO ASTRONOMY  5.149	RADIO ASTRONOMY	
25,670 - 26,100	BROADCASTING	BROADCASTING	
26,100 – 26,175	MARITIME MOBILE 5.132	MARITIME MOBILE	



Frequency band kHz	Radio Regulations	National allocation	Remarks
26,175 – 26,200	FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile	
26,200 – 26,420	FIXED MOBILE except aeronautical mobile RADIOLOCATION 5.132A	FIXED MOBILE except aeronautical mobile RADIOLOCATION	
26,420 – 27,500	FIXED MOBILE except aeronautical mobile  5.150	FIXED MOBILE except aeronautical mobile	SRD  Citizen Band Radio (26,965 – 27,405 kHz)  Model control (26,995 – 27,195 kHz)  Inductive systems Telemetry/Tele- command/Alarm/ data (26,957 – 27,283 kHz)  Telemetry/Tele- command/Alarm/ data (26,957 – 27,283 kHz)  Paging (26,500 – 26,900 kHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
27.5 – 28	METEOROLOGICAL AIDS FIXED MOBILE	METEOROLOGICAL AIDS FIXED MOBILE	
28 – 29.7	AMATEUR AMATEUR- SATELLITE	AMATEUR AMATEUR- SATELLITE	
29.7 – 30.005	FIXED MOBILE	FIXED MOBILE	SRD  Medical implant (30.0 – 37.5 MHz)  Telemetry/Tele-command/Alarm/data (29.720 – 30.000 kHz)
30.005 – 30.01	SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH	SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH	SRD  Medical implant (30.0 – 37.5 MHz)
30.01 – 37.5	FIXED MOBILE	FIXED MOBILE	SRD  Medical implant (30.0 – 37.5 MHz)  Wireless Audio (36.6 – 38.8 MHz)  Cordless phone (31.0375 – 40.2125 MHz)  Model control (30.085 – 30.195 MHz) and (34.995 – 35.225 MHz)  Telemetry/Telecomm and/Alarm/data (36 – 36.6 MHz)
37.5 – 38.25	FIXED MOBILE Radio astronomy  5.149	FIXED MOBILE Radio astronomy	SRD  Wireless Audio (36.6 – 38.8 MHz)
38.25 – 39.986	FIXED MOBILE	FIXED MOBILE	SRD  Wireless Audio 36.6 – 38.8 MHz
39.986 – 40.02	FIXED MOBILE Space research	FIXED MOBILE Space research	SRD  Cordless phone (31.0375 – 40.2125 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
40.02 – 40.98	FIXED MOBILE  5.150	FIXED MOBILE	SRD  Cordless phone (31.0375 – 40.2125)  Model control (40.665 – 40.985 MHz)  Telemetry/Tele-command/Alarm/data  Movement detection and signaling (40.66 – 40.70 MHz)
40.98 – 41.015	FIXED MOBILE Space research  5.160 5.161	FIXED MOBILE Space research	SRD  Model control (40.665 – 40.985 MHz)
41.015 – 42	FIXED MOBILE  5.160 5.161 5.161A	FIXED MOBILE	
42 – 42.5	FIXED MOBILE  5.161	FIXED MOBILE	
42.5 – 44	FIXED MOBILE  5.160 5.161 5.161A	FIXED MOBILE	SRD  Cordless Telephone (43.71 – 50.00 MHz)
44 – 47	FIXED MOBILE  5.162 5.162A	FIXED MOBILE	SRD  Cordless Telephone (43.710 – 50.000)
47 – 50	FIXED MOBILE	FIXED MOBILE	SRD  Cordless Telephone (43.710 – 50.000)
50 – 54	AMATEUR  5.162A 5.167 5.167A 5.168 5.170	AMATEUR	SRD  Telemetry/Tele-command/Alarm/data (50.80 – 50.98 MHz)
54 - 68	BROADCASTING Fixed Mobile  5.172	BROADCASTING Fixed Mobile	
68 – 72	BROADCASTING Fixed Mobile  5.173	BROADCASTING Fixed Mobile	SRD  Movement detection and signaling (70 – 72 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
72 – 73	FIXED MOBILE	FIXED MOBILE	SRD  Telemetry/Tele-command/Alarm/data (72 – 73 MHz)
73 – 74.6	RADIO ASTRONOMY  5.178	RADIO ASTRONOMY	
74.6 – 74.8	FIXED MOBILE	FIXED MOBILE	SRD  Telemetry/Tele-command/Alarm/data (74.6 – 74.8 MHz)
74.8 – 75.2	AERONAUTICAL – RADIONAVIGATION  5.180 5.181	AERONAUTICAL – RADIONAVIGATION	
75.2 – 75.4	FIXED MOBILE  5.179	FIXED MOBILE	SRD  Telemetry/Tele-command/Alarm/data (75.2 – 76 MHz)
75.4 – 76	FIXED MOBILE	FIXED MOBILE	SRD  Telemetry/Tele-command/Alarm/data (75.2 – 76 MHz)
76 88	BROADCASTING Fixed Mobile  5.185	BROADCASTING Fixed Mobile	SRD  Wireless audio transfer (87.5 – 108 MHz)  Movement detection and signaling (76 – 78 MHz)
88 – 100	BROADCASTING	BROADCASTING	Broadcast Radio (FM)  SRD  Wireless audio transfer (87.5 – 108 MHz)
100 – 108	BROADCASTING  5.192 5.194	BROADCASTING	Broadcast Radio (FM)  SRD  Wireless audio transfer (87.5 – 108 MHz)
108 – 117.975	AERONAUTICAL RADIONAVIGATION  5.197 5.197A	AERONAUTICAL RADIONAVIGATION	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
117.975 – 137	AERONAUTICAL MOBILE (R) 5.111 5.200 5.201 5.202	AERONAUTICAL MOBILE (R)	
137 – 137.025	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (r) 5.204 5.205 5.206 5.207 5.208	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (r)	
137.025 – 137.175	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile ® Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209 5.204 5.205 5.206 5.207 5.208	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile ® Mobile-satellite (space-to-Earth)	
137.175 – 137.825	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile ® 5.204 5.205 5.206 5.207 5.208	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile ®	
137.825 – 138	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (r) Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209 5.204 5.205 5.206 5.207 5.208	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (r) Mobile-satellite (space-to-Earth)	
138 – 143.6	FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
143.6 – 143.65	FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space-to-Earth)	FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space-to-Earth)	
143.65 – 144	FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	
144 – 146	AMATEUR AMATEUR-SATELLITE  5.216	AMATEUR AMATEUR-SATELLITE	
146 – 148	AMATEUR  5.217	AMATEUR	
148 – 149.9	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.209  5.128 5.129 5.221	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)	
149.9 – 150.05	MOBILE-SATELLITE (Earth-to-space) 5.209 5.220	MOBILE-SATELLITE (Earth-to-space)	
150.05 – 154	FIXED MOBILE  5.225	FIXED MOBILE	
154 – 156.4875	FIXED MOBILE  5.226	FIXED MOBILE	
156.4875 – 156.5625	MARITIME MOBILE (distress and calling via DSC)  5.111 5.226 5.227	MARITIME MOBILE (distress and calling via DSC)	
156.5625 – 156.7625	FIXED MOBILE  5.226	FIXED MOBILE	
156.7625 – 156.7875	MARITIME MOBILE MOBILE-SATELLITE (Earth-to-space)  5.111 5.226 5.228	MARITIME MOBILE MOBILE-SATELLITE (Earth-to-space)	
156.7875 – 156.8125	MARITIME MOBILE (distress and calling)  5.111 5.226	MARITIME MOBILE (distress and calling)	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
156.8125 – 156.8375	MARITIME MOBILE MOBILE-SATELLITE (Earth-to-space)  5.111 5.226 5.228	MARITIME MOBILE MOBILE-SATELLITE (Earth-to-space)	
156.8375 – 161.9375	FIXED MOBILE  5.226	FIXED MOBILE	
161.9375 – 161.9625	FIXED MOBILE Maritime mobile-satellite (Earth-to-space) 5.228AA  5.226	FIXED MOBILE Maritime mobile-satellite (Earth-to-space)	
161.9625 – 161.9875	AERONAUTICAL MOBILE (OR) MARITIME MOBILE MOBILE-SATELLITE (Earth-to-space)  5.228C 5.228D	FIXED MOBILE Maritime mobile-satellite (Earth-to-space)	
161.9875 – 162.0125	FIXED MOBILE Maritime mobile-satellite (Earth-to-space) 5.228AA  5.226	FIXED MOBILE Maritime mobile-satellite (Earth-to-space)	
162.0125 – 162.0375	AERONAUTICAL MOBILE (OR) MARITIME MOBILE MOBILE-SATELLITE (Earth-to-space)  5.228C 5.228D	AERONAUTICAL MOBILE (OR) MARITIME MOBILE MOBILE-SATELLITE (Earth-to-space)	
162.0375 – 174	FIXED MOBILE  5.226 5.230 5.231	FIXED MOBILE	SRD  Social alert (169.475 – 169.600 MHz)  Microphone for deprived persons (169.4000 – 169.5875 MHz) (173.05 – 175.05 MHz)  Detection and goods tracking systems (169.400 – 169.475 MHz)
174 – 216	BROADCASTING Fixed Mobile	BROADCASTING Fixed Mobile	SRD Microphones for the needy (173.05 – 175.05 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
216 – 220	FIXED MARITIME MOBILE Radiolocation 5.241  5.242	FIXED MARITIME MOBILE Radiolocation	
220 – 225	AMATEUR FIXED MOBILE Radiolocation 5.241	AMATEUR FIXED MOBILE Radiolocation	
225 – 235	FIXED MOBILE	FIXED MOBILE	Broadcast Studio Transmitter Links
235 – 267	FIXED MOBILE  5.111 5.252 5.254 5.256 5.256A	FIXED MOBILE	Broadcast Studio Transmitter Links (235 – 245 MHz)  Harmonized military band
267 – 272	FIXED MOBILE Space operation (space-to-Earth)  5.254 5.257	FIXED MOBILE Space operation (space-to-Earth)	Harmonized military band
272 – 273	SPACE OPERATION (space-to-Earth) FIXED MOBILE  5.254	SPACE OPERATION (space-to- Earth) FIXED MOBILE	Harmonized military band
273 – 312	FIXED MOBILE  5.254	FIXED MOBILE	Harmonized military band
312 – 315	FIXED MOBILE Mobile-satellite (Earth-to-space) 5.254 5.255	FIXED MOBILE Mobile-satellite (Earth-to-space)	Harmonized military band
315 – 322	FIXED MOBILE  5.254	FIXED MOBILE	Harmonized military band
322 – 328.6	FIXED MOBILE RADIO ASTRONOMY  5.149	FIXED MOBILE RADIO ASTRONOMY	Harmonized military band
328.6 – 335.4	AERONAUTICAL RADIONAVIGATION 5.258  5.259	AERONAUTICAL RADIONAVIGATION	Harmonized military band



Frequency band MHz	Radio Regulations	National Allocation	Remarks
335.4 – 387	FIXED MOBILE  5.254	FIXED MOBILE	Harmonized military band  Tetra (380 – 395 MHz)
387 – 390	FIXED MOBILE Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.254 5.255	FIXED MOBILE Mobile-satellite (space-to-Earth)	Harmonized military band  Tetra (380 – 395 MHz)
390 – 399.9	FIXED MOBILE  5.254	FIXED MOBILE	Harmonized military band  Tetra (380 – 395 MHz)
399.9 – 400.05	MOBILE-SATELLITE (Earth-to-space) 5.209 5.220	MOBILE-SATELLITE (Earth-to-space)	
400.05 – 400.15	STANDARD FREQUENCY AND TIME SIGNAL- SATELLITE (400.1 MHz)  5.261 5.262	STANDARD FREQUENCY AND TIME SIGNAL- SATELLITE (400.1 MHz)	
400.15 – 401	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209 SPACE RESEARCH (space-to-Earth) 5.263 Space operation (space-to-Earth)  5.262 5.264	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to- Earth) SPACE RESEARCH (space-to-Earth) Space operation (space-to-Earth)	
401 – 402	METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	METEOROLOGICAL AIDS SPACE OPERATION (space-to- Earth) EARTH EXPLORATION- SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	SRD  Medical implant (401 – 406 MHz)
402 – 403	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	METEOROLOGICAL AIDS EARTH EXPLORATION- SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile	SRD  Medical implant (401– 406 MHz)
403 – 406	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile  5.265	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile	SRD  Medical implant (401 – 406 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
406 – 406.1	MOBILE-SATELLITE (Earth-to-space) 5.265 5.266 5.267	MOBILE-SATELLITE (Earth-to-space)	
406.1 – 410	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.265	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY	
410 – 420	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) 5.268	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space)	
420 – 430	FIXED MOBILE except aeronautical mobile Radiolocation 5.269 5.270 5.271	FIXED MOBILE except aeronautical mobile Radiolocation	
430 – 432	RADIOLOCATION Amateur 5.271 5.276 5.278 5.279	RADIOLOCATION Amateur	
432 – 438	RADIOLOCATION Amateur Earth exploration-satellite (active) 5.279A 5.271 5.276 5.278 5.279 5.281 5.282	RADIOLOCATION Amateur Earth exploration-satellite (active)  SRD	SRD Telemetry/Tele-command/alarm/data (433.050 – 434.790 MHz)
438 – 440	RADIOLOCATION Amateur 5.271 5.276 5.278 5.279	RADIOLOCATION Amateur	
440 – 450	FIXED MOBILE except aeronautical mobile Radiolocation 5.269 5.270 5.271 5.284 5.285 5.286	FIXED MOBILE except aeronautical mobile Radiolocation	SRD Family Radio (EU) PMR 446 (446.0 – 446.2 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
450 – 455	FIXED MOBILE 5.286AA  5.209 5.271 5.286 5.286A 5.286B 5.286C 5.286D 5.286E	FIXED MOBILE	Public Mobile (3GPP Band 31)  PMR
455 – 456	FIXED MOBILE 5.286AA MOBILE-SATELLITE (Earth-to-space) 5.209 5.286A 5.286B 5.286C	MOBILE	Public Mobile (3GPP Band 31)
456 – 459	FIXED MOBILE 5.286AA  5.271 5.287 5.288	FIXED MOBILE	Public Mobile (3GPP Band 31)  PMR
459 – 460	FIXED MOBILE 5.286AA MOBILE-SATELLITE (Earth-to-space) 5.209 5.286A 5.286B 5.286C	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)	PMR
460 – 470	FIXED MOBILE 5.286AA Meteorological-satellite (space-to-Earth)  5.287 5.288 5.289 5.290	FIXED MOBILE Meteorological-satellite (space-to-Earth)	Public Mobile (3GPP Band 31)  SRD Family Radio (USA) (462.5 625 – 467.7125 MHz)
470 – 512	BROADCASTING Fixed Mobile  5.292 5.293 5.295	BROADCASTING FIXED	TV Broadcasting DVB-T Broadcast studio transmitter links  SRD Wireless Audio (470 – 702 MHz)
512 – 608	BROADCASTING  5.295 5.297	BROADCASTING	DVB-T  SRD  Wireless Audio (470 – 702 MHz)
608 – 614	RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth-to-space)	RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth-to-space)	SRD  Wireless Audio (470 – 702 MHz)
614 – 698	BROADCASTING Fixed Mobile  5.293 5.308 5.308A 5.309 5.311A	BROADCASTING Fixed Mobile	DVB-T  SRD Wireless Audio (470 – 702 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
698 – 806	MOBILE 5.317A BROADCASTING Fixed  5.293 5.309 5.311A	MOBILE Fixed	Public Mobile (3GPP Band 28)  SRD  Wireless Audio (470 – 702 MHz)
806 – 890	FIXED MOBILE 5.317A BROADCASTING  5.317 5.318	FIXED MOBILE	Public Mobile (3GPP band 5, 26 and 27)
890 – 902	FIXED MOBILE except aeronautical mobile 5.317A Radiolocation  5.318 5.325	MOBILE	Public Mobile (3GPP band 8)
902 – 928	FIXED Amateur Mobile except aeronautical mobile 5.317A Radiolocation  5.150 5.325 5.326	MOBILE	Public Mobile (3GPP Band 8)
928 – 942	FIXED MOBILE except aeronautical mobile 5.317A Radiolocation  5.325	MOBILE	Public Mobile (3GPP band 8 from 935 MHz)
942 – 960	FIXED MOBILE 5.317A	MOBILE	Public Mobile (3GPP band 8)
960 – 1,164	AERONAUTICAL MOBILE (R) 5.327A AERONAUTICAL RADIONAVIGATION 5.328  5.328AA	AERONAUTICAL MOBILE (R) AERONAUTICAL RADIONAVIGATION	
1,164 – 1,215	AERONAUTICAL RADIONAVIGATION 5.328 RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.328A	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION- SATELLITE (space-to-Earth) (space-to-space)	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
1,215 – 1,240	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active)  5.330 5.331 5.332	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active)	
1,240 – 1,300	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active) Amateur  5.282 5.330 5.331 5.332 5.335 5.335A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) SPACE RESEARCH (active) Amateur	
1,300 – 1,350	RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.337 RADIONAVIGATION-SATELLITE (Earth-to-space)  5.149 5.337A	RADIOLOCATION AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	
1,350 – 1,400	RADIOLOCATION 5.338A  5.149 5.334 5.339	RADIOLOCATION	
1,400 – 1,427	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.341	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
1,427 – 1,429	SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile 5.341A 5.341B 5.341C  5.338A 5.341	SPACE OPERATION (Earth-to-space) FIXED MOBILE except aeronautical mobile	
1,429 – 1,452	FIXED MOBILE 5.341B 5.341C 5.343  5.338A 5.341	FIXED MOBILE	
1,452 – 1,492	FIXED MOBILE 5.341B 5.343 5.346A BROADCASTING BROADCASTING-SATELLITE 5.208B  5.341 5.344 5.345	FIXED MOBILE BROADCASTING BROADCASTING-SATELLITE	Public Mobile (3GPP Band 32)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
1,492 – 1,518	FIXED MOBILE 5.341B 5.343  5.341 5.344	FIXED MOBILE	
1,518 – 1, 525	FIXED MOBILE 5.343 MOBILE-SATELLITE (space-to-Earth) 5.348 5.348A 5.348B 5.351A  5.341 5.344	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth)	
1,525 – 1,530	SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A Earth exploration-satellite Fixed Mobile 5.343  5.341 5.351 5.354	SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Fixed Mobile	
1,530 – 1,535	SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.353A Earth exploration-satellite Fixed Mobile 5.343  5.341 5.351 5.354	SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite Fixed Mobile	
1,535 – 1,559	MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A  5.341 5.351 5.353A 5.354 5.355 5.356 5.357 5.357A 5.359 5.362A	MOBILE-SATELLITE (space-to-Earth)	
1,559 – 1,610	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.208B 5.328B 5.329A  5.341	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)	
1,610 – 1,610.6	MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth-to-space)  5.341 5.364 5.366 5.367 5.368 5.370 5.372	MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth-to-space)	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
<b>1,610.6 – 1,613.8</b>	MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth-to-space)  5.149 5.341 5.364 5.366 5.367 5.368 5.370 5.372	MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth-to-space)	
<b>1,613.8 – 1,626.5</b>	MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth) 5.208B  5.341 5.364 5.365 5.366 5.367 5.368 5.370 5.372	MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth)	
<b>1,626.5 – 1,660.0</b>	MOBILE-SATELLITE (Earth-to-space) 5.351A  5.341 5.351 5.353A 5.354 5.355 5.357A 5.359 5.362A 5.374 5.375 5.376	MOBILE-SATELLITE (Earth-to-space)	
<b>1,660 – 1,660.5</b>	MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY  5.149 5.341 5.351 5.354 5.362A 5.376A	MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY	
<b>1,660.5 – 1,668</b>	RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile  5.149 5.341 5.379 5.379A	RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	
<b>1,668 – 1,668.4</b>	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 5.379 5.379A	MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
1,668.4 – 1,670	METEOROLOGICAL AIDS FIXED 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	METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY	
1,670 – 1,675	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.379B  5.341 5.379D 5.379E 5.380A	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (Earth-to-space)	
1,675 – 1,690	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile  5.341	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	
1,690 – 1,700	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth)  5.289 5.341 5.381	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth)	
1,700 – 1,710	FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile  5.289 5.341	FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	
1,710 – 1,930	FIXED MOBILE 5.384A 5.388A 5.388B  5.149 5.341 5.385 5.386 5.387 5.388	FIXED MOBILE	Public Mobile (3GPP Band 1 and 3)  SRD Cordless Telephone DECT (1,880 – 1,900 MHz)  Wireless Audio 1,785 – 1,800 MHz)



Frequency band MHz	Radio Regulations	National Allocation	Remarks
1,930 – 1,970	FIXED MOBILE 5.388A 5.388B Mobile-satellite (Earth-to-space)  5.388	FIXED MOBILE Mobile-satellite (Earth-to-space)	Public Mobile (3GPP Band 1)
1,970 – 1,980	FIXED MOBILE 5.388A 5.388B  5.388	FIXED MOBILE	Public Mobile (3GPP Band 1)
1,980 – 2,010	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A  5.388 5.389A 5.389B 5.389F	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)	
2,010 – 2,025	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)  5.388 5.389C 5.389E	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space)	
2,025 – 2,110	SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE 5.391 SPACE RESEARCH (Earth-to-space) (space-to-space)  5.392	SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE SPACE RESEARCH (Earth-to-space) (space-to-space)	
2,110 – 2,120	FIXED MOBILE 5.388A 5.388B SPACE RESEARCH (deep space) (Earth-to-space)  5.388	FIXED MOBILE SPACE RESEARCH (deep space) (Earth-to-space)	Public Mobile (3GPP Band 1)
2,120 – 2,160	FIXED MOBILE 5.388A 5.388B Mobile-satellite (space-to-Earth)  5.388	FIXED MOBILE Mobile-satellite (space-to-Earth)	Public Mobile (3GPP Band 1)
2,160 – 2,170	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth)  5.388 5.389C 5.389E	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth)	Public Mobile (3GPP Band 1)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
2,170 – 2,200	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A  5.388 5.389A 5.389F	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth)	
2,200 – 2,290	SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE 5.391 SPACE RESEARCH (space-to-Earth) (space-to-space)  5.392	SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE SPACE RESEARCH (space-to-Earth) (space-to-space)	
2,290 – 2,300	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)	
2,300 – 2,450	FIXED MOBILE 5.384A Amateur Radiolocation  5.150 5.282 5.393 5.394 4.396	FIXED MOBILE Amateur Radiolocation	Public Mobile (3GPP Band 40)  SRD Movement detection and signaling Telemetry/Tele-command/alarm/data (2,400 – 2,483.5 MHz)  Radio Frequency Identification (2,446 – 2,454 MHz)  Cordless Telephone (2,410.2 – 2,418.9 MHz)
2,450 – 2,483.5	FIXED MOBILE RADIOLOCATION  5.150	FIXED MOBILE RADIOLOCATION	SRD  Movement detection and signaling Telemetry/Tele-command/alarm/data (2,400 – 2,483.5 MHz)  Radio Frequency Identification (2,446 – 2,454 MHz)  Medical implants (2,483.5 – 2,500.0 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
2,483.5 – 2,500	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A RADIOLOCATION RADIODETERMINATION-SATELLITE (space-to-Earth) 5.398  5.150 5.402	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) RADIOLOCATION RADIODETERMINATION-SATELLITE (space-to-Earth)	SRD  Medical implants (2,483.5 – 2,500.0 MHz)
2,500 – 2,520	FIXED 5.410 FIXED-SATELLITE (space-to-Earth) 5.415 MOBILE except aeronautical mobile 5.384A	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	Public Mobile (3GPP Band 7)  MMDS (until 2016)
2,520 – 2,655	FIXED 5.410 FIXED-SATELLITE (space-to-Earth) 5.415 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.413 5.416  5.339 5.418B 5.418C	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING-SATELLITE	Public Mobile (3GPP Band 7 and band 38)  MMDS (until 2016)
2,655 – 2,670	FIXED 5.410 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.415 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.413 5.416 Earth exploration-satellite (passive) Radio astronomy Space research (passive)  5.149 5.208B	FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) MOBILE except aeronautical mobile BROADCASTING-SATELLITE Earth exploration-satellite (passive) Radio astronomy Space research (passive)	Public Mobile (3GPP Band 7)  MMDS (until 2016)
2,670 – 2,690	FIXED 5.410 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.208B 5.415 MOBILE except aeronautical mobile 5.384A Earth exploration-satellite (passive) Radio astronomy Space research (passive)  5.149	FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) MOBILE except aeronautical mobile Earth exploration-satellite (passive) Radio astronomy Space research (passive)	Public Mobile (3GPP Band 7)  MMDS (until 2016)
2,690 – 2,700	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.422	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
2,700 – 2,900	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation  5.423 5.424	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation	
2,900 – 3,100	RADIOLOCATION 5.424A RADIONAVIGATION 5.426  5.425 5.427	RADIOLOCATION RADIONAVIGATION	
3,100 – 3,300	RADIOLOCATION Earth exploration-satellite (active) Space research (active)  5.149 5.428	RADIOLOCATION Earth exploration-satellite (active) Space research (active)	
3,300 – 3,400	RADIOLOCATION Amateur Fixed Mobile  5.149 5.429C 5.429D	RADIOLOCATION Fixed Mobile	
3,400 – 3,500	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.431A 5.431B Amateur Radiolocation 5.433  5.282	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation	Public Mobile (3GPP Band 22 and 42)
3,500 – 3,600	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.431B Radiolocation 5.433	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation	Public Mobile (3GPP Band 22, 42 and 43)
3,600 – 3,700	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.434 Radiolocation 5.433	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile Radiolocation	Public Mobile (3GPP Band 43)
3,700 – 4,200	FIXED FIXED-SATELLITE (space to-Earth) MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (space to-Earth) MOBILE except aeronautical mobile	
4,200 – 4,400	AERONAUTICAL MOBILE (R) 5.436 AERONAUTICAL RADIONAVIGATION 5.438  5.437 5.439 5.440	AERONAUTICAL MOBILE AERONAUTICAL RADIONAVIGATION	
4,400 – 4,500	FIXED MOBILE 5.440A	FIXED MOBILE	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
4,500 – 4,800	FIXED FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE 5.440A	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	
4,800 – 4,990	FIXED MOBILE 5.440A 5.441A 5.441B 5.442 Radio astronomy  5.149 5.339 5.443	FIXED MOBILE Radio astronomy	
4,990 – 5,000	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive)  5.149	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive)	
5,000 – 5,010	AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth-to-space)	
5,010 – 5,030	AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)  5.328B 5.443B	AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space)	
5,030 – 5,091	AERONAUTICAL MOBILE (R) 5.443C AERONAUTICAL MOBILE-SATELLITE (R) 5.443D AERONAUTICAL RADIONAVIGATION  5.444	AERONAUTICAL MOBILE (R) AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION	
5,091 – 5,150	AERONAUTICAL MOBILE 5.444B AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION 5.444 5.444A	AERONAUTICAL MOBILE AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION	
5,150 – 5,250	FIXED-SATELLITE (Earth-to-space) 5.447A MOBILE except aeronautical mobile 5.446A 5.446B AERONAUTICAL RADIONAVIGATION  5.446 5.446C 5.447 5.447B 5.447C	FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile AERONAUTICAL RADIONAVIGATION	SRD  Radio Local Area Networks (5,150 – 5,825 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
5,250 – 5,255	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile 5.446A 5.447F RADIOLOCATION SPACE RESEARCH 5.447D  5.447E 5.448 5.448A	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile RADIOLOCATION SPACE RESEARCH	SRD  Radio Local Area Networks (5,150 – 5,825 MHz)
5,255 – 5,350	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile 5.446A 5.447F RADIOLOCATION SPACE RESEARCH (active)  5.447E 5.448 5.448A	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile RADIOLOCATION SPACE RESEARCH (active)	SRD  Radio Local Area Networks (5,150 – 5,825 MHz)
5,350 – 5,460	EARTH EXPLORATION-SATELLITE (active) 5.448B RADIOLOCATION 5.448D AERONAUTICAL RADIONAVIGATION 5.449 SPACE RESEARCH (active) 5.448C	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION AERONAUTICAL RADIONAVIGATION SPACE RESEARCH (active)	SRD  Radio Local Area Networks (5,150 – 5,825 MHz)
5,460 – 5,470	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION 5.448D RADIONAVIGATION 5.449 SPACE RESEARCH (active)  5.448B	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)	SRD  Radio Local Area Networks (5,150 – 5,825 MHz)
5,470 – 5,650	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B MARITIME RADIONAVIGATION SPACE RESEARCH (active)  5.448B 5.450 5.451	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile RADIOLOCATION MARITIME RADIONAVIGATION SPACE RESEARCH (active)	SRD  Radio Local Area Networks (5,150 – 5,825 MHz)
5,650 – 5,725	MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B Amateur Space research (deep space)  5.282 5.451 5.453 5.454 5.455	MOBILE except aeronautical mobile RADIOLOCATION Amateur Space research (deep space)	SRD  Radio Local Area Networks (5,150 – 5,825 MHz)
5,725 – 5,830	RADIOLOCATION Amateur  5.150 5.453 5.455	RADIOLOCATION	SRD  Radio Local Area Networks (5,150 – 5,825 MHz)  Telemetry/Tele-command/alarm/data (5,725 – 5,875 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
5,830 – 5,850	RADIOLOCATION Amateur Amateur-satellite (space-to-Earth)  5.150 5.453 5.455	RADIOLOCATION	SRD  Telemetry/Tele – command/alarm/data (5,725 – 5,875 MHz)
5,850 – 5,925	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Amateur Radiolocation  5.150	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation	SRD  Cordless Telephone (5,857.20 – 5,865.90 MHz)  Telemetry/Tele- command/alarm/data (5,725 – 5,875 MHz)
5,925 – 6,700	FIXED 5.457 FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B MOBILE 5.457C  5.149 5.440 5.458	FIXED FIXED-SATELLITE (Earth-to- space MOBILE	
6,700 – 7,075	FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441 MOBILE  5.458 5.458A 5.458B	FIXED FIXED-SATELLITE (Earth-to- space) (space-to-Earth) MOBILE	
7,075 – 7,250	FIXED MOBILE  5.458 5.459	FIXED MOBILE	
7,145 – 7,190	FIXED MOBILE SPACE RESEARCH (deep space)(Earth-to-space)  5.458 5.459	FIXED MOBILE SPACE RESEARCH (Earth-to- space)	
7,190 – 7,235	EARTH EXPLORATION-SATELLITE (Earth-to-space) 5.460A 5.460B FIXED MOBILE SPACE RESEARCH (Earth-to-space) 5.460  5.458 5.459	EARTH EXPLORATION- SATELLITE (Earth-to-space) FIXED MOBILE SPACE RESEARCH (Earth-to- space)	
7, 235 – 7,250	EARTH EXPLORATION-SATELLITE (Earth-to-space) 5.460A FIXED MOBILE  5.458	EARTH EXPLORATION- SATELLITE (Earth-to-space) 5.A111 FIXED MOBILE	

Frequency band MHz	Radio Regulations	National Allocation	Remarks
7,250 – 7,300	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE  5.461	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	
7,300 – 7,375	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile  5.461	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	
7,375 – 7,450	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth)	
7,450 – 7,550	FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB 5.461A	FIXED FIXED-SATELLITE (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth)	
7,550 – 7,750	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space-to-Earth)	
7,750 – 7,900	FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) 5.461B MOBILE except aeronautical mobile	FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	
7,900 – 8,025	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE  5.461	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	
8,025 – 8,175	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463  5.462A	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	



Frequency band MHz	Radio Regulations	National Allocation	Remarks
8,175 – 8,215	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE 5.463  5.462A	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE	
8,215 – 8,400	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463  5.462A	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	
8,400 – 8,500	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) 5.465 5.466	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth)	
8,500 – 8,550	RADIOLOCATION  5.468 5.469	RADIOLOCATION	
8,550 – 8,650	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)  5.468 5.469 5.469A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)	
8,650 – 8,750	RADIOLOCATION  5.468 5.469	RADIOLOCATION	
8,750 – 8,850	RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.470  5.471	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
8,850 – 9,000	RADIOLOCATION MARITIME RADIONAVIGATION 5.472  5.473	RADIOLOCATION MARITIME RADIONAVIGATION	
9,000 – 9,200	RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.337  5.471 5.473A	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
9,200 – 9,300	EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C RADIOLOCATION MARITIME RADIONAVIGATION 5.472  5.473 5.474 5.474D	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION MARITIME RADIONAVIGATION	SRD  Movement detection and signaling (9,200 – 9,975 MHz)

Frequency band MHz	Radio Regulations	National Allocation	Remarks
9,300 – 9,500	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)  5.427 5.474 5.475 5.475A 5.475B 5.476A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)	SRD  Movement detection and signaling (9,200 – 9,975 MHz)
9,500 – 9,800	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)  5.476A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)	SRD  Movement detection and signaling (9,200 – 9,975 MHz)
9,800 – 9,900	RADIOLOCATION Earth exploration-satellite (active) Fixed Space research (active) 5.477 5.478 5.478A 5.478B	RADIOLOCATION Earth exploration-satellite (active) Fixed Space research (active)	SRD Movement detection and signaling (9,200 – 9,975 MHz)
9,900 – 10,000	EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C RADIOLOCATION Fixed  5.474D 5.477 5.478 5.479	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION Fixed	SRD  Movement detection and signaling (9,200 – 9,975 MHz)
10.00 – 10.4	EARTH EXPLORATION SATELLITE (active) 5.474A 5.474B 5.474C RADIOLOCATION RADIOLOCATION Amateur  5.474D 5.479 5.480	RADIOLOCATION Amateur	
10.4 – 10.45	RADIOLOCATION Amateur  5.480	RADIOLOCATION Amateur	
10.45 – 10.5	RADIOLOCATION Amateur Amateur-satellite  5.481	RADIOLOCATION Amateur Amateur-satellite	
10.5 – 10.55	FIXED MOBILE RADIOLOCATION	FIXED MOBILE RADIOLOCATION	SRD  Movement detection and signaling (10.5 – 10.6 GHz)

Frequency band GHz	Radio Regulations	National allocations	Remarks
10.55 – 10.6	FIXED MOBILE except aeronautical mobile Radiolocation	FIXED MOBILE except aeronautical mobile Radiolocation	SRD  Movement detection and signaling (10.5 – 10.6 GHz)
10.6 - 10.68	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation  5.149 5.482 5.482A	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation	
10.68 – 10.7	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.483	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
10.7 – 10.95	FIXED FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	
10.95 – 11.2	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	
11.2 – 11.45	FIXED FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	
11.45 – 11.7	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile	
11.7 – 12.1	FIXED 5.486 FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.488 Mobile except aeronautical mobile 5.485	FIXED FIXED-SATELLITE (space-to-Earth) Mobile except aeronautical mobile	
12.1. – 12.2	FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.488  5.485 5.489	FIXED-SATELLITE (space-to-Earth)	
12.2 – 12.7	FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE 5.492  5.487A 5.488 5.490	FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE	

Frequency band GHz	Radio Regulations	National allocations	Remarks
12.7 – 12.75	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile	
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) MOBILE Space research (deep space) (space-to-Earth)	
13.25 – 13.4	EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION 5.497 SPACE RESEARCH (active)  5.498A 5.499	EARTH EXPLORATION-SATELLITE (active) AERONAUTICAL RADIONAVIGATION SPACE RESEARCH (active)	
13.4 – 13.65	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.499C 5.499D Standard frequency and time signal-satellite (Earth-to-space)  5.499 5.500 5.501 5.501B	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH Standard frequency and time signal-satellite (Earth-to-space)	SRD Movement detection and signaling (13.4 – 14.0 GHz)
13.65 – 13.75	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.501A Standard frequency and time signal-satellite (Earth-to-space)  5.499 5.500 5.501 5.501B	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH Standard frequency and time signal-satellite (Earth-to-space)	SRD Movement detection and signaling (13.4 – 14.0 GHz)
13.75 – 14	FIXED-SATELLITE (Earth-to-space) 5.484A RADIOLOCATION Earth exploration-satellite Standard frequency and time signal-satellite (Earth-to-space) Space research  5.499 5.500 5.501 5.502 5.503	FIXED-SATELLITE (Earth-to-space) 5.484A RADIOLOCATION Earth exploration-satellite Standard frequency and time signal-satellite (Earth-to-space) Space research  5.499 5.500 5.501 5.502 5.503	SRD Movement detection and signaling (13.4 – 14.0 GHz)
14 – 14.25	FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B RADIONAVIGATION 5.504 Mobile-satellite (Earth-to-space) 5.504B 5.504C 5.506A Space research  5.504A 5.505	FIXED-SATELLITE (Earth-to-space) RADIONAVIGATION Mobile-satellite (Earth-to-space) Space research	

Frequency band GHz	Radio Regulations	National allocations	Remarks
14.25 – 14.3	FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B RADIONAVIGATION 5.504 Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.508A Space research  5.504A 5.505 5.508	FIXED-SATELLITE (Earth-to-space) RADIONAVIGATION Mobile-satellite (Earth-to-space) Space research	
14.3 – 14.4	FIXED-SATELLITE (Earth-to-space) 5.457A 5.484A 5.484B 5.506 5.506B Mobile-satellite (Earth-to-space) 5.506A Radionavigation-satellite  5.504A	FIXED-SATELLITE (Earth-to-space) Mobile-satellite (Earth-to-space) Radionavigation-satellite	
14.4 – 14.47	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Space research (space-to-Earth)  5.504A	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Space research (space-to-Earth)	
14.47 – 14.5	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Radio astronomy  5.149 5.504A	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) Radio astronomy	
14.5 – 14.75	FIXED FIXED-SATELLITE (Earth-to-space) 5.509B 5.509C 5.509D 5.509E 5.509F 5.510 MOBILE Space research 5.509G	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research	
14.75 – 14.8	FIXED FIXED-SATELLITE (Earth-to-space) 5.510 MOBILE Space research 5.509G	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space research	
14.8 – 15.35	FIXED MOBILE Space research  5.339	FIXED MOBILE Space research	

<b>Frequency band GHz</b>	<b>Radio Regulations</b>	<b>National allocations</b>	<b>Remarks</b>
<b>15.35 – 15.4</b>	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.511	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
<b>15.4 – 15.43</b>	RADIOLOCATION 5.511E 5.511F AERONAUTICAL RADIONAVIGATION	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
<b>15.43 – 15.63</b>	FIXED-SATELLITE (Earth-to-space) 5.511A RADIOLOCATION 5.511E 5.511F AERONAUTICAL RADIONAVIGATION  5.511C	FIXED-SATELLITE (Earth-to-space) RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
<b>15.63 – 15.7</b>	RADIOLOCATION 5.511E 5.511F AERONAUTICAL RADIONAVIGATION	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
<b>15.7 – 16.6</b>	RADIOLOCATION  5.512 5.513	RADIOLOCATION	
<b>16.6 – 17.1</b>	RADIOLOCATION Space research (deep space) (Earth-to-space)  5.512 5.513	RADIOLOCATION Space research (deep space) (Earth-to-space)	
<b>17.1 – 17.2</b>	RADIOLOCATION  5.512 5.513	RADIOLOCATION	SRD  Movement detection and signaling (17.1 – 17.3 GHz)
<b>17.2 – 17.3</b>	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)  5.512 5.513 5.513A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)	SRD  Movement detection and signaling (17.1 – 17.3 GHz)
<b>17.3 – 17.7</b>	FIXED-SATELLITE (Earth-to-space) 5.516 BROADCASTING-SATELLITE Radiolocation  5.514 5.515	FIXED-SATELLITE (Earth-to-space) 5.516 BROADCASTING-SATELLITE Radiolocation	

<b>Frequency band GHz</b>	<b>Radio Regulations</b>	<b>National allocations</b>	<b>Remarks</b>
<b>17.7 – 17.8</b>	FIXED FIXED-SATELLITE (space-to-Earth) 5.517 (Earth-to-space) 5.516 BROADCASTING-SATELLITE Mobile  5.515	FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) BROADCASTING-SATELLITE Mobile	
<b>17.8 – 18.1</b>	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) 5.516 MOBILE  5.519	FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE	
<b>18.1 – 18.4</b>	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B (Earth-to-space) 5.520 MOBILE  5.519 5.521	FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE	
<b>18.4 – 18.6</b>	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B MOBILE	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	
<b>18.6 – 18.8</b>	EARTH EXPLORATION- SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.522B MOBILE except aeronautical mobile SPACE RESEARCH (passive)  5.522A	EARTH EXPLORATION- SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile SPACE RESEARCH (passive)	
<b>18.8 – 19.3</b>	FIXED FIXED-SATELLITE (space-to-Earth) 5.516.B 5.523A MOBILE	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	
<b>19.3 – 19.7</b>	FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 5.523B 5.523C 5.523D 5.523E MOBILE	FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) MOBILE	
<b>19.7 – 20.1</b>	FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.516B 5.527A MOBILE-SATELLITE (space-to-Earth)  5.524 5.525 5.526 5.527 5.528 5.529	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)	

Frequency band GHz	Radio Regulations	National allocations	Remarks
20.1 – 20.2	FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.516B 5.527A MOBILE-SATELLITE (space-to-Earth)  5.524 5.525 5.526 5.527 5.528	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth)	
20.2 – 21.2	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal-satellite (space-to-Earth)  5.524	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)	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	
21.4 – 22	FIXED MOBILE  5.530A	FIXED MOBILE	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
22 – 22.21	FIXED MOBILE except aeronautical mobile  5.149	FIXED MOBILE except aeronautical mobile	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
22.21 – 22.5	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive)  5.149 5.532	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive)	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
22.5 – 22.55	FIXED MOBILE	FIXED MOBILE	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
22.55 – 23.15	FIXED INTER-SATELLITE 5.338A MOBILE SPACE RESEARCH (Earth-to-space) 5.532A  5.149	FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (Earth-to-space)	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
23.15 – 23.55	FIXED INTER-SATELLITE 5.338A MOBILE	FIXED INTER-SATELLITE MOBILE	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)



Frequency band GHz	Radio Regulations	National allocations	Remarks
23.55 – 23.6	FIXED MOBILE	FIXED MOBILE	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
23.6 – 24	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
24 – 24.05	AMATEUR AMATEUR-SATELLITE  5.150	AMATEUR AMATEUR-SATELLITE	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)  Movement detection and signaling Telemetry/Tele-command/alarm/data (24.00 – 24.25 GHz)
24.05 – 24.25	RADIOLOCATION Amateur Earth exploration-satellite (active)  5.150	RADIOLOCATION Amateur Earth exploration-satellite (active)	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)  Movement detection and signaling Telemetry/Tele-command/alarm/data (24.00 – 24.25 GHz)
24.25 – 24.45	RADIONAVIGATION	RADIONAVIGATION	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
24.45 – 24.65	INTER-SATELLITE RADIONAVIGATION  5.533	INTER-SATELLITE RADIONAVIGATION	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
24.65 – 24.75	INTER-SATELLITE RADIOLOCATION-SATELLITE (Earth-to-space)	INTER-SATELLITE RADIOLOCATION-SATELLITE (Earth-to-space)	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
24.75 – 25.25	FIXED-SATELLITE (Earth-to-space) 5.535	FIXED-SATELLITE (Earth-to-space) 5.535	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)

<b>Frequency band GHz</b>	<b>Radio Regulations</b>	<b>National allocations</b>	<b>Remarks</b>
<b>25.25 – 25.5</b>	FIXED INTER-SATELLITE 5.536 MOBILE Standard frequency and time signal-satellite (Earth-to-space)	FIXED INTER-SATELLITE MOBILE Standard frequency and time signal-satellite (Earth-to-space)	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
<b>25.5 – 27</b>	EARTH EXPLORATION-SATELLITE (space-to Earth) 5.536B FIXED INTER-SATELLITE 5.536 MOBILE SPACE RESEARCH (space-to-Earth) 5.536C Standard frequency and time signal-satellite (Earth-to-space)  5.536A	EARTH EXPLORATION-SATELLITE (space-to Earth) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (space-to-Earth) Standard frequency and time signal-satellite (Earth-to-space)	SRD  Short Range Radar for motor vehicles (21.65 – 26.65 GHz)
<b>27 – 27.5</b>	FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE 5.536 5.537 MOBILE	FIXED FIXED-SATELLITE (Earth-to-space) INTER-SATELLITE MOBILE	
<b>27.5 – 28.5</b>	FIXED 5.537A FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 MOBILE  5.538 5.540	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	
<b>28.5 – 29.1</b>	FIXED FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.523A 5.539 MOBILE Earth exploration-satellite (Earth-to-space) 5.541  5.540	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Earth exploration-satellite (Earth-to-space)	
<b>29.1 – 29.5</b>	FIXED FIXED-SATELLITE (Earth-to-space) 5.516B 5.523C 5.523E 5.535A 5.539 5.541A MOBILE Earth exploration-satellite (Earth-to-space) 5.541  5.540	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Earth exploration-satellite (Earth-to-space)	
<b>29.5 – 29.9</b>	FIXED-SATELLITE (Earth-to-space) 5.484A 5.484B 5.516B 5.527A 5.539 MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) 5.541  5.525 5.526 5.527 5.529 5.540	FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space)	

<b>Frequency band GHz</b>	<b>Radio Regulations</b>	<b>National allocations</b>	<b>Remarks</b>
<b>29.9 – 30</b>	FIXED-SATELLITE (Earth-to-space) 5.484A 5.484B 5.516B 5.527A 5.539 MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) 5.541 5.543  5.525 5.526 5.527 5.538 5.540 5.542	FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space)	
<b>30 – 31</b>	FIXED-SATELLITE (Earth-to-space) 5.338A MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to-Earth)  5.542	FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to-Earth)	
<b>31 – 31.3</b>	FIXED 5.338A 5.543A MOBILE Standard frequency and time signal-satellite (space-to-Earth) Space research 5.544 5.545  5.149	FIXED MOBILE Standard frequency and time signal-satellite (space-to-Earth) Space research	
<b>31.3 – 31.5</b>	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
<b>31.5 – 31.8</b>	EARTH EXPLORATION- SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION- SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
<b>31.8 – 32</b>	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)  5.547 5.547B 5.548	FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)	
<b>32 – 32.3</b>	FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)  5.547 5.547C 5.548	FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)	
<b>32.3 – 33</b>	FIXED 5.547A INTER-SATELLITE RADIONAVIGATION  5.547 5.547D 5.548	FIXED INTER-SATELLITE RADIONAVIGATION	
<b>33 – 33.4</b>	FIXED 5.547A RADIONAVIGATION  5.547 5.547E	FIXED RADIONAVIGATION	

<b>Frequency band GHz</b>	<b>Radio Regulations</b>	<b>National allocations</b>	<b>Remarks</b>
<b>33.4 – 34.2</b>	RADIOLOCATION 5.549	RADIOLOCATION	
<b>34.2 – 34.7</b>	RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space) 5.549	RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space)	
<b>34.7 – 35.2</b>	RADIOLOCATION Space research 5.550 5.549	RADIOLOCATION Space research	
<b>35.2 – 35.5</b>	METEOROLOGICAL AIDS RADIOLOCATION 5.549	METEOROLOGICAL AIDS RADIOLOCATION	
<b>35.5 – 36</b>	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.549 5.549A	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)	
<b>36 – 37</b>	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.149 5.550A	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	
<b>37 – 37.5</b>	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) 5.547	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth)	
<b>37.5 – 38</b>	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth) 5.547	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth)	
<b>38 – 39.5</b>	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration-satellite (space-to-Earth) 5.547	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth exploration-satellite (space-to-Earth)	

<b>Frequency band GHz</b>	<b>Radio Regulations</b>	<b>National allocations</b>	<b>Remarks</b>
<b>39.5 – 40</b>	FIXED FIXED-SATELLITE (space-to-Earth) 5.516B MOBILE MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth)  5.547	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth)	
<b>40 – 40.5</b>	EARTH EXPLORATION-SATELLITE (Earth-to-space) 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)	EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth)	
<b>40.5 – 41</b>	FIXED FIXED-SATELLITE (space-to-Earth) 5.516B BROADCASTING BROADCASTING-SATELLITE Mobile Mobile-satellite (space-to-Earth)  5.547	FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile Mobile-satellite (space-to-Earth)	
<b>41 – 42.5</b>	FIXED FIXED-SATELLITE (space-to-Earth) 5.516B BROADCASTING BROADCASTING-SATELLITE Mobile  5.547 5.551F 5.551H 5.551I	FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE Mobile	
<b>42.5 – 43.5</b>	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE except aeronautical mobile RADIO ASTRONOMY  5.149 5.547	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile RADIO ASTRONOMY	
<b>43.5 – 47</b>	MOBILE 5.553 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE  5.554	MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	
<b>47 – 47.2</b>	AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	
<b>47.2 – 47.5</b>	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE  5.552A	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	

<b>Frequency band GHz</b>	<b>Radio Regulations</b>	<b>National allocations</b>	<b>Remarks</b>
<b>47.5 – 47.9</b>	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	
<b>47.9 – 48.2</b>	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE  5.552A	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	
<b>48.2 – 50.2</b>	FIXED FIXED-SATELLITE (Earth-to-space) 5.516B 5.338A 5.552 MOBILE  5.149 5.340 5.555	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE	
<b>50.2 – 50.4</b>	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)	
<b>50.4 – 51.4</b>	FIXED FIXED-SATELLITE (Earth-to-space) 5.338A MOBILE Mobile-satellite (Earth-to-space)	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Mobile-satellite (Earth-to-space)	
<b>51.4 – 52.6</b>	FIXED 5.338A MOBILE  5.547 5.556	FIXED MOBILE	
<b>52.6 – 54.25</b>	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)  5.340 5.556	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)	
<b>54.25 – 55.78</b>	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive)  5.556B	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	
<b>55.78 – 56.9</b>	EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive)  5.547 5.557	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)	

Frequency band GHz	Radio Regulations	National allocations	Remarks
56.9 – 57	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (passive)  5.547 5.557	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)	
57 – 58.2	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive)  5.547 5.557	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)	SRD Broadband data (57 – 66 GHz)  Telemetry/Tele-command/alarm/data (57 – 64 GHz)
58.2 – 59	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)  5.547 5.556	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	SRD Broadband data (57 – 66 GHz)  Telemetry/Tele-command/alarm/data (57 – 64 GHz)
59 – 59.3	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 RADIOLOCATION 5.559 SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE RADIOLOCATION SPACE RESEARCH (passive)	SRD  Broadband data (57 – 66 GHz)  Telemetry/Tele-command/alarm/data (57 – 64 GHz)
59.3 – 64	FIXED INTER-SATELLITE MOBILE 5.558 RADIOLOCATION 5.559  5.138	FIXED INTER-SATELLITE MOBILE RADIOLOCATION	SRD Broadband data (57 – 66 GHz)  Telemetry/Tele-command/alarm/data (57 – 64 GHz)
64 – 65	FIXED INTER-SATELLITE MOBILE except aeronautical mobile  5.547 5.556	FIXED INTER-SATELLITE MOBILE except aeronautical mobile	SRD Broadband data (57 – 66 GHz)
65 – 66	EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH  5.547	EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH	SRD Broadband data (57 – 66 GHz)
66 – 71	INTER-SATELLITE MOBILE 5.553 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE  5.554	INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	

Frequency band GHz	Radio Regulations	National allocations	Remarks
71 – 74	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	
74 – 76	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)  5.561	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE Space research (space-to-Earth)	
76 – 77.5	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)  5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)	SRD  Short Range Radar for motor vehicles (77 – 81 GHz)
77.5 – 78	AMATEUR AMATEUR-SATELLITE RADIOLOCATION 5.559B Radio astronomy Space research (space-to-Earth)  5.149	AMATEUR AMATEUR-SATELLITE RADIOLOCATION Radio astronomy Space research (space-to-Earth)	SRD  Short Range Radar for motor vehicles (77 – 81 GHz)
78 – 79	RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth)  5.149 5.560	RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth)	SRD  SRD- Short Range Radar for motor vehicles (77 – 81 GHz)
79 – 81	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)  5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth)	SRD  SRD- Short Range Radar for motor vehicles (77 – 81 GHz)
81 – 84	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	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth)	
84 – 86	FIXED 5.338A FIXED-SATELLITE (Earth-to-space) 5.561B MOBILE RADIO ASTRONOMY  5.149	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY	



<b>Frequency band GHz</b>	<b>Radio Regulations</b>	<b>National allocations</b>	<b>Remarks</b>
<b>86 – 92</b>	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
<b>92 – 94</b>	FIXED 5.338A MOBILE RADIO ASTRONOMY RADIOLOCATION  5.149	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	
<b>94 – 94.1</b>	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy  5.562 5.562A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy	
<b>94.1 – 95</b>	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION  5.149	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	
<b>95 – 100</b>	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE  5.149 5.554	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE	
<b>100 – 102</b>	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.341	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
<b>102 – 105</b>	FIXED MOBILE RADIO ASTRONOMY  5.149 5.341	FIXED MOBILE RADIO ASTRONOMY	
<b>105 – 109.5</b>	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B  5.149 5.341	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	
<b>109.5 – 111.8</b>	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.341	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	

Frequency band GHz	Radio Regulations	National allocations	Remarks
111.8 – 114.25	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B  5.149 5.341	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	
114.25 – 116	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.341	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
116 – 119.98	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive)  5.341	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	
119.98 – 122.25	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive)  5.138 5.341	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	SRD  Telemetry/Tele-command/alarm/data (122 – 123 GHz)
122.25 – 123	FIXED INTER-SATELLITE MOBILE 5.558 Amateur  5.138	FIXED INTER-SATELLITE MOBILE Amateur	SRD  Telemetry/Tele-command/alarm/data (122 – 123 GHz)
123 – 130	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 5.562D  5.149 5.554	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy	
130 – 134	EARTH EXPLORATION-SATELLITE (active) 5.562E FIXED INTER-SATELLITE MOBILE 5.558 RADIO ASTRONOMY  5.149 5.562A	EARTH EXPLORATION-SATELLITE (active) FIXED INTER-SATELLITE MOBILE RADIO ASTRONOMY	
134 – 136	AMATEUR AMATEUR-SATELLITE Radio astronomy	AMATEUR AMATEUR-SATELLITE Radio astronomy	

Frequency band GHz	Radio Regulations	National allocations	Remarks
136 – 141	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite  5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	
141 – 148.5	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION  5.149	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	
148.5 – 151.5	EARTH EXPLORATION- SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
151.5 – 155.5	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION  5.149	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	
155.5 – 158.5	EARTH EXPLORATION- SATELLITE (passive) FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B  5.149 5.562F 5.562G	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	
158.5 – 164	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to- Earth)	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	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
167 – 174.5	FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE 5.558  5.149 5.562D	FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE	
174.5 – 174.8	FIXED INTER-SATELLITE MOBILE 5.558	FIXED INTER-SATELLITE MOBILE	

Frequency band GHz	Radio Regulations	National allocations	Remarks
174.8 – 182	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	
182 – 185	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
185 – 190	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	
190 – 191.8	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)	
191.8 – 200	FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE  5.149 5.341 5.554	FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	
200 – 209	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.341 5.563A	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
209 – 217	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY  5.149 5.341	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY	
217 – 226	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B  5.149 5.341	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	
226 – 231.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	

Frequency band GHz	Radio Regulations	National allocations	Remarks
231.5 – 232	FIXED MOBILE Radiolocation	FIXED MOBILE Radiolocation	
232 – 235	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation	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	EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space-to-Earth) SPACE RESEARCH (passive)	
238 – 240	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE	
240 – 241	FIXED MOBILE RADIOLOCATION	FIXED MOBILE RADIOLOCATION	
241 – 248	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite  5.138 5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	SRD  Telemetry/Telecommand/alarm/data (244 – 246 GHz)
248 – 250	AMATEUR AMATEUR-SATELLITE Radio astronomy  5.149	AMATEUR AMATEUR-SATELLITE Radio astronomy	
250 – 252	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)  5.340 5.563A	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
252 – 265	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE  5.149 5.554	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE	

Approved by Ministerial Decree of March 13<sup>th</sup>, 2017 and applied with retroactive effect as of January 23<sup>rd</sup>, 2017

Frequency band GHz	Radio Regulations	National allocations	Remarks
265 – 275	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 5.563A	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY	
275 – 3000	(Not allocated) 5.565	(Not allocated)	