

Frequency table BES 2021

Frequency allocations for Bonaire, Sint-Eustatius and Saba

Explanation of the BES frequency table

The BES frequency table describes the way the administration of the Netherlands has implemented the International ITU-frequency table for Radio Region 2 and how the different frequency bands have been allocated to specific Radio Services. Therefore, this table is only applicable for the Caribbean Netherlands, also referred to collectively as BES-islands (Bonaire, Sint-Eustatius and Saba).

The table covers the full ITU-frequency table, between 8.3 kHz and 300 GHz, representing the usable radio spectrum. As a result of international, regional and national radio spectrum negotiations and policies, the table is subject to change.

In contrast to the frequency table of the Dutch mainland, this frequency table for Caribbean Netherlands does not have the same legal status. It must be considered as an internal policy document that provides guidance in the allocation of spectrum. The table is informative, and as such no rights can be derived from it.

Frequency band:

The column 'Frequency band' displays the ITU frequency band subdivisions for Region 2 (the Americas). This column contains the lower and upper limit of the Frequency band in Hertz (Hz), in the units that are customary for that part of the spectrum. In kHz (=1000 Hz) for the lower section, in MHz (=1000 kHz) for the midsection and GHz (=1000 MHz) for the higher section. The thousands separator is a comma and the decimal separator a period.

Radio Regulations:

The column 'Radio Regulations' represents the allocations as recorded in the International Radio Regulations for Region 2. Allocations are frequency bands that have been assigned one or more Radio Services. Within the ITU allocations, each country has the liberty to deviate, as long as the national allocation is in conformity with the ITU article 5 allocation table.

The meaning of the primary status can be derived from the definition of the secondary status of the Radio Regulations (RR). In footnotes S5.29, S5.30 and S5.31 of the Radio Regulations the following is stated on the secondary status of Radio Services:

Secondary Services:

- A** Shall not cause harmful Interference to stations of primary services to which frequencies are already assigned or to which frequencies may be assigned at a later date;
- B** Cannot claim protection from harmful Interference from stations of a primary service to which frequencies may be assigned at a later date;
- C** Can claim protection, however, from harmful Interference from stations of the same or other secondary services to which frequencies may be assigned at a later date.

The ITU table distinguishes the aforementioned status by means of the notation. The primary status of a Radio Service is printed in upper case letters [RADIO SERVICE]; the secondary status of a Radio Service is written lower case letters [radio service].

Furthermore, the 'Non-Interference Base' or NIB principle makes additional or divergent use possible. The NIB principle means that such services may not cause harmful interference to other radio services with a primary or secondary status, nor can they claim protection from harmful interference of any other service or station. Member states may designate additional or deviating allocations based on this principle.

The full text of the Radio Regulations, including the allocation table and its footnotes, is available on the ITU website www.itu.int.

Local allocation

The allocations for Caribbean Netherlands are mentioned under “Local allocation”. This column contains the Radio Services that can be assigned in a frequency band for specific use. Prior to any assignment in the form of a license and before bringing into use such an assignment, it may be necessary to coordinate with neighboring administrations.

Remarks

This column contains additional information, for example about certain policies, 3GPP band specifications or the applications that may be used without a license, or other relevant information. It does not necessarily mean that licenses will be issued upon request. Also, for license exempted use, specific regulations and requirements apply.

Experiments

In deviation from the table, it may be possible for a limited time, in a confined geographical area and under strict conditions, to conduct technical experiments. Such experimental licenses can, in principle, be issued for any frequency band, as long as no harmful interference will be caused on existing use.

Footnotes applicable to the BES-islands

5.133B

Stations in the amateur service using the frequency band 5 351.5-5 366.5 kHz shall not exceed a maximum radiated power of 15 W (e.i.r.p.). However, in Region 2 in Mexico, stations in the amateur service using the frequency band 5 351.5-5 366.5 kHz shall not exceed a maximum radiated power of 20 W (e.i.r.p.). In the following Region 2 countries: Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Dominica, El Salvador, Ecuador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Nicaragua, Panama, Paraguay, Peru, Saint Lucia, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay, Venezuela, as well as the overseas countries and territories within the Kingdom of the Netherlands in Region 2, stations in the amateur service using the frequency band 5 351.5-5 366.5 kHz shall not exceed a maximum radiated power of 25 W (e.i.r.p.). (WRC-19)

5.331

Additional allocation: in Algeria, Germany, Saudi Arabia, Australia, Austria, Bahrain, Belarus, Belgium, Benin, Bosnia and Herzegovina, Brazil, Burkina Faso, Burundi, Cameroon, China, Korea (Rep. of), Croatia, Denmark, Egypt, the United Arab Emirates, Estonia, the Russian Federation, Finland, France, Ghana, Greece, Guinea, Equatorial Guinea, Hungary, India, Indonesia, Iran (Islamic Republic of), Iraq, Ireland, Israel, Jordan, Kenya, Kuwait, Lesotho, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Madagascar, Mali, Mauritania, Montenegro, Nigeria, Norway, Oman, Pakistan, the Kingdom of the Netherlands, Poland, Portugal, Qatar, the Syrian Arab Republic, Dem. People's Rep. of Korea, Slovakia, the United Kingdom, Serbia, Slovenia, Somalia, Sudan, South Sudan, Sri Lanka, South Africa, Sweden, Switzerland, Thailand, Togo, Turkey, Venezuela and Viet Nam, the frequency band 1 215-1 300 MHz is also allocated to the radionavigation service on a primary basis. In Canada and the United States, the frequency band 1 240-1 300 MHz is also allocated to the radionavigation service, and use of the radionavigation service shall be limited to the aeronautical radionavigation service. (WRC-19)

5.480

Additional allocation: in Argentina, Brazil, Chile, Cuba, El Salvador, Ecuador, Guatemala, Honduras, Paraguay, the overseas countries and territories within the Kingdom of the Netherlands in Region 2, Peru and Uruguay, the frequency band 10-10.45 GHz is also allocated to the fixed and mobile services on a primary basis. In Colombia, Costa Rica, Mexico and Venezuela, the frequency band 10-10.45 GHz is also allocated to the fixed service on a primary basis. (WRC-19)

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
< 8.3	(Not allocated) 5.53 5.54	< 8.3	(Not allocated)	
8.3 - 9	METEOROLOGICAL AIDS 5.54A 5.54B 5.54C	8.3 - 9	METEOROLOGICAL AIDS	
9 – 11.3	METEOROLOGICAL AIDS 5.54A RADIONAVIGATION	9 – 11.3	METEOROLOGICAL AIDS RADIONAVIGATION	SRD Medical implants Inductive systems
11.3 -14	RADIONAVIGATION	11.3 -14	RADIONAVIGATION	SRD Medical implants Inductive systems
14 – 19.95	FIXED MARITIME MOBILE 5.57 5.55 5.56	14 – 19.95	FIXED MARITIME MOBILE	SRD Medical implants Inductive systems
19.95 - 20.05	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	19.95 - 20.05	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	SRD Medical implants Inductive systems
20.05 – 70	FIXED MARITIME MOBILE 5.57 5.56 5.58	20.05 – 70	FIXED MARITIME MOBILE	SRD Medical implants Inductive systems
70 - 90	FIXED MARITIME MOBILE 5.57 MARITIME RADIONAVIGATION 5.60 Radiolocation 5.61	70 - 90	FIXED MARITIME MOBILE MARITIME RADIONAVIGATION Radiolocation	SRD Medical implants Inductive systems
90 – 110	RADIONAVIGATION 5.62 Fixed 5.64	90 – 110	RADIONAVIGATION Fixed	SRD Medical implants Inductive systems
110 - 130	FIXED MARITIME MOBILE MARITIME RADIONAVIGATION 5.60 Radiolocation 5.61 5.64	110 - 130	FIXED MARITIME MOBILE MARITIME RADIONAVIGATION Radiolocation	SRD Medical implants Inductive systems

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
130 - 135.7	FIXED MARITIME MOBILE 5.64	130 - 135.7	FIXED MARITIME MOBILE	SRD Medical implants Inductive systems
135.7 - 137.8	FIXED MARITIME MOBILE Amateur 5.67A 5.64	135.7 - 137.8	FIXED MARITIME MOBILE Amateur	SRD Medical implants Inductive systems
137.8 - 160	FIXED MARITIME MOBILE 5.64	137.8 - 160	FIXED MARITIME MOBILE	SRD Medical implants Inductive systems
160 - 190	FIXED	160 - 190	FIXED	SRD Medical implants Inductive systems
190 - 200	AERONAUTICAL RADIONAVIGATION	190 - 200	AERONAUTICAL RADIONAVIGATION	SRD Medical implants Inductive systems
200 - 275	AERONAUTICAL RADIONAVIGATION Aeronautical mobile	200 - 275	AERONAUTICAL RADIONAVIGATION Aeronautical mobile	SRD Medical implants Inductive systems
275 - 285	AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radio beacons)	275 - 285	AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radio beacons)	SRD Medical implants Inductive systems
285 - 315	AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radio beacons) 5.73	285 - 315	AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radio beacons)	SRD Medical implants Inductive systems
315 - 325	MARITIME RADIONAVIGATION (radio beacons) 5.73 Aeronautical radionavigation	315 - 325	MARITIME RADIONAVIGATION (radio beacons) Aeronautical radionavigation	SRD Medical implants Inductive systems
325 - 335	AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radio beacons)	325 - 335	AERONAUTICAL RADIONAVIGATION Aeronautical mobile Maritime radionavigation (radio beacons)	SRD Medical implants Inductive systems

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
335 - 405	AERONAUTICAL RADIONAVIGATION Aeronautical mobile	335 - 405	AERONAUTICAL RADIONAVIGATION Aeronautical mobile	SRD RFID Medical implants Inductive systems
405 - 415	RADIONAVIGATION 5.76 Aeronautical mobile	405 - 415	RADIONAVIGATION Aeronautical mobile	SRD RFID Medical implants Inductive systems
415 - 472	MARITIME MOBILE 5.79 Aeronautical radionavigation 5.77 5.80 5.78 5.82	415 - 472	MARITIME MOBILE Aeronautical radionavigation	SRD RFID Medical implants Inductive systems
472 - 479	MARITIME MOBILE 5.79 Amateur 5.80A Aeronautical radionavigation 5.77 5.80 5.80B 5.82	472 - 479	MARITIME MOBILE Amateur Aeronautical radionavigation	SRD RFID Medical implants Inductive systems
479 - 495	MARITIME MOBILE 5.79 5.79A Aeronautical radionavigation 5.77 5.80 5.82	479 - 495	MARITIME MOBILE Aeronautical radionavigation	SRD RFID Medical implants Inductive systems
495 - 505	MARITIME MOBILE 5.82C	495 - 505	MARITIME MOBILE	SRD RFID Medical implants Inductive systems
505 - 510	MARITIME MOBILE 5.79	505 - 510	MARITIME MOBILE	SRD RFID Medical implants Inductive systems
510 - 525	MARITIME MOBILE 5.79A 5.84 AERONAUTICAL RADIONAVIGATION	510 - 525	MARITIME MOBILE AERONAUTICAL RADIONAVIGATION	SRD RFID Medical implants Inductive systems

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
525 - 535	BROADCASTING 5.86 AERONAUTICAL RADIONAVIGATION	525 - 535	BROADCASTING AERONAUTICAL RADIONAVIGATION	SRD RFID Medical implants Inductive systems
535 - 1,605	BROADCASTING	535 - 1,605	BROADCASTING	AM radio SRD RFID Medical implants Inductive systems
1,605 - 1,625	BROADCASTING 5.89 5.90	1,605 - 1,625	BROADCASTING	SRD Inductive systems
1,625 - 1,705	FIXED MOBILE BROADCASTING 5.89 Radiolocation 5.90	1,625 - 1,705	FIXED MOBILE BROADCASTING Radiolocation	SRD Inductive systems
1,705 - 1,800	FIXED MOBILE RADIOLOCATION AERONAUTICAL RADIONAVIGATION	1,705 - 1,800	FIXED MOBILE RADIOLOCATION AERONAUTICAL RADIONAVIGATION	SRD Inductive systems
1,800 - 1,850	AMATEUR	1,800 - 1,850	AMATEUR	SRD Inductive systems
1,850 - 2,000	AMATEUR FIXED MOBILE except aeronautical mobile RADIOLOCATION RADIONAVIGATION 5.102	1,850 - 2,000	AMATEUR FIXED MOBILE except aeronautical mobile RADIOLOCATION RADIONAVIGATION	SRD Inductive systems
2,000 - 2,065	FIXED MOBILE	2,000 - 2,065	FIXED MOBILE	SRD Inductive systems
2,065 - 2,107	MARITIME MOBILE 5.105 5.106	2,065 - 2,107	MARITIME MOBILE	SRD Inductive systems

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
2,107 – 2,170	FIXED MOBILE	2,107 – 2,170	FIXED MOBILE	SRD Inductive systems
2,170 – 2,173.5	MARITIME MOBILE	2,170 – 2,173.5	MARITIME MOBILE	SRD Inductive systems
2,173.5 – 2,190.5	MARITIME MOBILE (distress and calling) 5.108 5.109 5.110 5.111	2,173.5 – 2,190.5	MARITIME MOBILE (distress and calling)	SRD Inductive systems
2,190.5 – 2,194	MARITIME MOBILE	2,190.5 – 2,194	MARITIME MOBILE	SRD Inductive systems
2,194 – 2,300	FIXED MOBILE 5.112	2,194 – 2,300	FIXED MOBILE	SRD Inductive systems
2,300 – 2,495	FIXED MOBILE BROADCASTING 5.113	2,300 – 2,495	FIXED MOBILE BROADCASTING	SRD Inductive systems
2,495 – 2,501	STANDARD FREQUENCY AND TIME SIGNAL (2 500 kHz)	2,495 – 2,501	STANDARD FREQUENCY AND TIME SIGNAL (2 500 kHz)	SRD Inductive systems
2,501 – 2,502	STANDARD FREQUENCY AND TIME SIGNAL Space Research	2,501 – 2,502	STANDARD FREQUENCY AND TIME SIGNAL Space Research	SRD Inductive systems
2,502 – 2,505	STANDARD FREQUENCY AND TIME SIGNAL	2,502 – 2,505	STANDARD FREQUENCY AND TIME SIGNAL	SRD Inductive systems
2,505 – 2,850	FIXED MOBILE	2,505 – 2,850	FIXED MOBILE	SRD Inductive systems
2,850 – 3,025	AERONAUTICAL MOBILE (R) 5.111 5.115	2,850 – 3,025	AERONAUTICAL MOBILE (R)	SRD Inductive systems
3,025 – 3,155	AERONAUTICAL MOBILE (OR)	3,025 – 3,155	AERONAUTICAL MOBILE (OR)	SRD Inductive systems
3,155 – 3,200	FIXED MOBILE except aeronautical mobile (R) 5.116 5.117	3,155 – 3,200	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
3,200 – 3,230	FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.116	3,200 – 3,230	FIXED MOBILE except aeronautical mobile (R) BROADCASTING	SRD Inductive systems
3,230 – 3,400	FIXED MOBILE except aeronautical mobile BROADCASTING 5.113 5.116 5.118	3,230 – 3,400	FIXED MOBILE except aeronautical mobile BROADCASTING	SRD Inductive systems
3,400 – 3,500	AERONAUTICAL MOBILE (R)	3,400 – 3,500	AERONAUTICAL MOBILE (R)	SRD Inductive systems
3,500 – 3,750	AMATEUR 5.119	3,500 – 3,750	AMATEUR	SRD Inductive systems
3,750 - 4,000	AMATEUR FIXED MOBILE except aeronautical mobile (R) 5.122 5.125	3,750 -4,000	AMATEUR FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems
4,000 - 4,063	FIXED MARITIME MOBILE 5.127 5.126	4,000 - 4,063	FIXED MARITIME MOBILE	SRD Inductive systems
4,063 - 4,438	MARITIME MOBILE 5.79A 5.109 5.110 5.130 5.131 5.132 5.128	4,063 - 4,438	MARITIME MOBILE	SRD Inductive systems
4,438 - 4,488	FIXED MOBILE except aeronautical mobile (R) RADIOLOCATION 5.132A	4,438 - 4,488	FIXED MOBILE except aeronautical mobile (R) RADIOLOCATION	SRD Inductive systems
4,488 – 4,650	FIXED MOBILE except aeronautical mobile (R)	4,488 – 4,650	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems
4,650 - 4,700	AERONAUTICAL MOBILE (R)	4,650 - 4,700	AERONAUTICAL MOBILE (R)	SRD Inductive systems
4,700 - 4,750	AERONAUTICAL MOBILE (OR)	4,700 - 4,750	AERONAUTICAL MOBILE (OR)	SRD Inductive systems

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
4,750 - 4,850	FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113	4,750 - 4,850	FIXED MOBILE except aeronautical mobile (R) BROADCASTING	SRD Inductive systems
4,850 - 4,995	FIXED LAND MOBILE BROADCASTING 5.113	4,850 - 4,995	FIXED LAND MOBILE BROADCASTING	SRD Inductive systems
4,995 - 5,003	STANDARD FREQUENCY AND TIME SIGNAL (5 000 kHz)	4,995 - 5,003	STANDARD FREQUENCY AND TIME SIGNAL (5 000 kHz)	SRD Inductive systems
5,003 - 5,005	STANDARD FREQUENCY AND TIME SIGNAL Space Research	5,003 - 5,005	STANDARD FREQUENCY AND TIME SIGNAL Space Research	
5,005 - 5,060	FIXED BROADCASTING 5.113	5,005 - 5,060	FIXED BROADCASTING	
5,060 - 5,250	FIXED Mobile except aeronautical mobile 5.133	5,060 - 5,250	FIXED Mobile except aeronautical mobile	
5,250 - 5,275	FIXED MOBILE except aeronautical mobile RADIOLOCATION 5.132A	5,250 - 5,275	FIXED MOBILE except aeronautical mobile RADIOLOCATION 5.132A	
5,275 - 5,351.5	FIXED MOBILE except aeronautical mobile	5,275 - 5,351.5	FIXED MOBILE except aeronautical mobile	
5,351.5 - 5,366.5	FIXED MOBILE except aeronautical mobile Amateur 5.133B	5,351.5 - 5,366.5	FIXED MOBILE except aeronautical mobile Amateur	
5,366.5 - 5,450	FIXED MOBILE except aeronautical mobile	5,366.5 - 5,450	FIXED MOBILE except aeronautical mobile	
5,450 - 5,480	AERONAUTICAL MOBILE (R)	5,450 - 5,480	AERONAUTICAL MOBILE (R)	
5,480 - 5,680	AERONAUTICAL MOBILE (R) 5.111 5.115	5,480 - 5,680	AERONAUTICAL MOBILE (R)	
5,680 - 5,730	AERONAUTICAL MOBILE (OR) 5.111 5.115	5,680 - 5,730	AERONAUTICAL MOBILE (OR)	

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
5,730 - 5,900	FIXED MOBILE except aeronautical mobile (R)	5,730 - 5,900	FIXED MOBILE except aeronautical mobile (R)	
5,900 - 5,950	BROADCASTING 5.134 5.136	5,900 - 5,950	BROADCASTING	
5,950 - 6,200	BROADCASTING	5,950 - 6,200	BROADCASTING	
6,200 - 6,525	MARITIME MOBILE 5.109 5.110 5.130 5.132 5.137	6,200 - 6,525	MARITIME MOBILE	
6,525 - 6,685	AERONAUTICAL MOBILE (R)	6,525 - 6,685	AERONAUTICAL MOBILE (R)	SRD Inductive systems
6,685 - 6,765	AERONAUTICAL MOBILE (OR)	6,685 - 6,765	AERONAUTICAL MOBILE (OR)	SRD Inductive systems
6,765 - 7,000	FIXED MOBILE except aeronautical mobile (R) 5.138	6,765 - 7,000	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems Non-specific SRD's
7,000 - 7,100	AMATEUR AMATEUR-SATELLITE 5.140 5.141 5.141A	7,000 - 7,100	AMATEUR AMATEUR-SATELLITE	
7,100 - 7,300	AMATEUR 5.142	7,100 - 7,300	AMATEUR	
7,300 - 7,400	BROADCASTING 5.134 5.143 5.143A 5.143B 5.143C 5.143D	7,300 - 7,400	BROADCASTING	
7,400 - 7,450	FIXED MOBILE except aeronautical mobile (R)	7,400 - 7,450	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems
7,450 - 8,100	FIXED MOBILE except aeronautical mobile (R) 5.144	7,450 - 8,100	FIXED MOBILE except aeronautical mobile (R)	SRD Inductive systems
8,100 - 8,195	FIXED MARITIME MOBILE	8,100 - 8,195	FIXED MARITIME MOBILE	SRD Inductive systems

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
8,195 - 8,815	MARITIME MOBILE 5.109 5.110 5.132 5.145 5.111	8,195 - 8,815	MARITIME MOBILE	SRD Inductive systems
8,815 - 8,965	AERONAUTICAL MOBILE (R)	8,815 - 8,965	AERONAUTICAL MOBILE (R)	
8,965 - 9,040	AERONAUTICAL MOBILE (OR)	8,965 - 9,040	AERONAUTICAL MOBILE (OR)	
9,040 - 9,400	FIXED	9,040 - 9,400	FIXED	
9,400 - 9,500	BROADCASTING 5.134 5.146	9,400 - 9,500	BROADCASTING	
9,500 - 9,900	BROADCASTING 5.147	9,500 - 9,900	BROADCASTING	
9,900 - 9,995	FIXED	9,900 - 9,995	FIXED	
9,995 - 10,003	STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz) 5.111	9,995 - 10,003	STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz)	
10,003 - 10,005	STANDARD FREQUENCY AND TIME SIGNAL Space Research 5.111	10,003 - 10,005	STANDARD FREQUENCY AND TIME SIGNAL Space Research	
10,005 - 10,100	AERONAUTICAL MOBILE (R) 5.111	10,005 - 10,100	AERONAUTICAL MOBILE (R)	
10,100 - 10,150	FIXED Amateur	10,100 - 10,150	FIXED Amateur	
10,150 - 11,175	FIXED Mobile except aeronautical mobile (R)	10,150 - 11,175	FIXED Mobile except aeronautical mobile (R)	SRD Inductive systems
11,175 - 11,275	AERONAUTICAL MOBILE (OR)	11,175 - 11,275	AERONAUTICAL MOBILE (OR)	
11,275 - 11,400	AERONAUTICAL MOBILE (R)	11,275 - 11,400	AERONAUTICAL MOBILE (R)	
11,400 - 11,600	FIXED	11,400 - 11,600	FIXED	
11,600 - 11,650	BROADCASTING 5.134 5.146	11,600 - 11,650	BROADCASTING	

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
11,650 - 12,050	BROADCASTING 5.147	11,650 - 12,050	BROADCASTING	
12,050 - 12,100	BROADCASTING 5.134 5.146	12,050 - 12,100	BROADCASTING	
12,100 - 12,230	FIXED	12,100 - 12,230	FIXED	
12,230 - 13,200	MARITIME MOBILE 5.109 5.110 5.132 5.145	12,230 - 13,200	MARITIME MOBILE	SRD Medical implants
13,200 - 13,260	AERONAUTICAL MOBILE (OR)	13,200 - 13,260	AERONAUTICAL MOBILE (OR)	SRD Medical implants
13,260 - 13,360	AERONAUTICAL MOBILE (R)	13,260 - 13,360	AERONAUTICAL MOBILE (R)	SRD Medical implants
13,360 - 13,410	FIXED RADIO ASTRONOMY 5.149	13,360 - 13,410	FIXED RADIO ASTRONOMY	SRD Medical implants Inductive systems
13,410 - 13,450	FIXED Mobile except aeronautical mobile (R)	13,410 - 13,450	FIXED Mobile except aeronautical mobile (R)	SRD Medical implants Inductive systems
13,450 - 13,550	FIXED Mobile except aeronautical mobile (R) Radiolocation 5.132A	13,450 - 13,550	FIXED Mobile except aeronautical mobile (R) Radiolocation	SRD Medical implants Inductive systems
13,550 - 13,570	FIXED Mobile except aeronautical mobile (R) 5.150	13,550 - 13,570	FIXED Mobile except aeronautical mobile (R)	SRD Medical implants Inductive systems RFID Non-specific SRD's
13,570 - 13,600	BROADCASTING 5.134 5.151	13,570 - 13,600	BROADCASTING	SRD Medical implants Inductive systems
13,600 - 13,800	BROADCASTING	13,600 - 13,800	BROADCASTING	SRD Medical implants Inductive systems

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
13,800 - 13,870	BROADCASTING 5.134 5.151	13,800 - 13,870	BROADCASTING	SRD Medical implants
13,870 - 14,000	FIXED Mobile except aeronautical mobile (R)	13,870 - 14,000	FIXED Mobile except aeronautical mobile (R)	SRD Medical implants
14,000 - 14,250	AMATEUR AMATEUR-SATELLITE	14,000 - 14,250	AMATEUR AMATEUR-SATELLITE	SRD Medical implants
14,250 - 14,350	AMATEUR 5.152	14,250 - 14,350	AMATEUR	SRD Medical implants
14,350 - 14,990	FIXED Mobile except aeronautical mobile (R)	14,350 - 14,990	FIXED Mobile except aeronautical mobile (R)	SRD Medical implants
14,990 - 15,005	STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) 5.111	14,990 - 15,005	STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz)	SRD Medical implants
15,005 - 15,010	STANDARD FREQUENCY AND TIME SIGNAL Space Research	15,005 - 15,010	STANDARD FREQUENCY AND TIME SIGNAL Space Research	SRD Medical implants
15,010 - 15,100	AERONAUTICAL MOBILE (OR)	15,010 - 15,100	AERONAUTICAL MOBILE (OR)	SRD Medical implants
15,100 - 15,600	BROADCASTING	15,100 - 15,600	BROADCASTING	SRD Medical implants
15,600 - 15,800	BROADCASTING 5.134 5.146	15,600 - 15,800	BROADCASTING	SRD Medical implants
15,800 - 16,100	FIXED 5.153	15,800 - 16,100	FIXED	SRD Medical implants
16,100 – 16,200	FIXED RADIOLOCATION 5.145A	16,100 – 16,200	FIXED RADIOLOCATION	SRD Medical implants
16,200 – 16,360	FIXED	16,200 – 16,360	FIXED	SRD Medical implants
16,360 - 17,410	MARITIME MOBILE 5.109 5.110 5.132 5.145	16,360 - 17,410	MARITIME MOBILE	SRD Medical implants

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
17.410 - 17.480	FIXED	17.410 - 17.480	FIXED	SRD Medical implants
17.480 - 17.550	BROADCASTING 5.134 5.146	17.480 - 17.550	BROADCASTING	SRD Medical implants
17.550 - 17.900	BROADCASTING	17.550 - 17.900	BROADCASTING	SRD Medical implants
17.900 - 17.970	AERONAUTICAL MOBILE (R)	17.900 - 17.970	AERONAUTICAL MOBILE (R)	SRD Medical implants
17.970 - 18,030	AERONAUTICAL MOBILE (OR)	17.970 - 18,030	AERONAUTICAL MOBILE (OR)	SRD Medical implants
18,030 - 18,052	FIXED	18,030 - 18,052	FIXED	SRD Medical implants
18,052 - 18,068	FIXED Space Research	18,052 - 18,068	FIXED Space Research	SRD Medical implants
18,068 - 18,168	AMATEUR AMATEUR-SATELLITE 5.154	18,068 - 18,168	AMATEUR AMATEUR-SATELLITE	SRD Medical implants
18,168 - 18,780	FIXED Mobile except aeronautical mobile	18,168 - 18,780	FIXED Mobile except aeronautical mobile	SRD Medical implants
18,780 - 18,900	MARITIME MOBILE	18,780 - 18,900	MARITIME MOBILE	SRD Medical implants
18,900 - 19,020	BROADCASTING 5.134 5.146	18,900 - 19,020	BROADCASTING	SRD Medical implants
19,020 - 19,680	FIXED	19,020 - 19,680	FIXED	SRD Medical implants
19,680 - 19,800	MARITIME MOBILE 5.132	19,680 - 19,800	MARITIME MOBILE	SRD Medical implants
19,800 - 19,990	FIXED	19,800 - 19,990	FIXED	SRD Medical implants

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
19,990 - 19,995	STANDARD FREQUENCY AND TIME SIGNAL Space Research 5.111	19,990 - 19,995	STANDARD FREQUENCY AND TIME SIGNAL Space Research	SRD Medical implants
19,995 - 20,010	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) 5.111	19,995 - 20,010	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz)	SRD Medical implants
20,010 - 21,000	FIXED Mobile	20,010 - 21,000	FIXED Mobile	
21,000 - 21,450	AMATEUR AMATEUR-SATELLITE	21,000 - 21,450	AMATEUR AMATEUR-SATELLITE	
21,450 - 21,850	BROADCASTING	21,450 - 21,850	BROADCASTING	
21,850 - 21,870	FIXED 5.155A 5.155	21,850 - 21,870	FIXED	
21,870 - 21,924	FIXED 5.155B	21,870 - 21,924	FIXED	
21,924 - 22,000	AERONAUTICAL MOBILE (R)	21,924 - 22,000	AERONAUTICAL MOBILE (R)	
22,000 - 22,855	MARITIME MOBILE 5.132 5.156	22,000 - 22,855	MARITIME MOBILE	
22,855 - 23,000	FIXED 5.156	22,855 - 23,000	FIXED	
23,000 - 23,200	FIXED Mobile except aeronautical mobile (R) 5.156	23,000 - 23,200	FIXED Mobile except aeronautical mobile (R)	
23,200 - 23,350	FIXED 5.156A MOBILE (OR)	23,200 - 23,350	FIXED MOBILE (OR)	
23,350 - 24,000	FIXED MOBILE except aeronautical mobile 5.157	23,350 - 24,000	FIXED MOBILE except aeronautical mobile	
24,000 - 24,450	FIXED LAND MOBILE	24,000 - 24,450	FIXED LAND MOBILE	

Frequency band kHz	ITU Radio Regulations	Frequency band kHz	Local allocation	Remarks
24,450 – 24,650	FIXED LAND MOBILE RADIOLOCATION 5.132A	24,450 – 24,650	FIXED LAND MOBILE RADIOLOCATION	
24,650 – 24,890	FIXED LAND MOBILE	24,650 – 24,890	FIXED LAND MOBILE	
24,890 - 24,990	AMATEUR AMATEUR-SATELLITE	24,890 - 24,990	AMATEUR AMATEUR-SATELLITE	
24,990 - 25,005	STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)	24,990 - 25,005	STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)	
25,005 - 25,010	STANDARD FREQUENCY AND TIME SIGNAL Space Research	25,005 - 25,010	STANDARD FREQUENCY AND TIME SIGNAL Space Research	
25,010 - 25,070	FIXED MOBILE except aeronautical mobile	25,010 - 25,070	FIXED MOBILE except aeronautical mobile	
25,070 - 25,210	MARITIME MOBILE	25,070 - 25,210	MARITIME MOBILE	
25,210 - 25,550	FIXED MOBILE except aeronautical mobile	25,210 - 25,550	FIXED MOBILE except aeronautical mobile	
25,550 - 25,670	RADIO ASTRONOMY 5.149	25,550 - 25,670	RADIO ASTRONOMY	
25,670 - 26,100	BROADCASTING	25,670 - 26,100	BROADCASTING	
26,100 - 26,175	MARITIME MOBILE 5.132	26,100 - 26,175	MARITIME MOBILE	
26,175 – 26,200	FIXED MOBILE except aeronautical mobile	26,175 – 26,200	FIXED MOBILE except aeronautical mobile	
26,200 – 26,420	FIXED MOBILE except aeronautical mobile RADIOLOCATION 5.132A	26,200 – 26,420	FIXED MOBILE except aeronautical mobile RADIOLOCATION	
26,420 – 27,500	FIXED MOBILE except aeronautical mobile 5.150	26,420 – 27,500	FIXED MOBILE except aeronautical mobile	Citizens band (27 Mc) SRD Inductive systems Radio controlled models Paging

Units in MHz from here

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
27.5 - 28	METEOROLOGICAL AIDS FIXED MOBILE	27.5 - 28	METEOROLOGICAL AIDS FIXED MOBILE	
28 - 29.7	AMATEUR AMATEUR-SATELLITE	28 - 29.7	AMATEUR AMATEUR-SATELLITE	
29.7 - 30.005	FIXED MOBILE	29.7 - 30.005	FIXED MOBILE	SRD Non-specific SRD's Medical implants
30.005 - 30.01	SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH	30.005 - 30.01	SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH	SRD Medical implants
30.01- 37.5	FIXED MOBILE	30.01- 37.5	FIXED MOBILE	SRD Non-specific SRD's Radio controlled models Wireless audio devices Medical implants Cordless telephones
37.5 - 38.25	FIXED MOBILE Radio astronomy 5.149	37.5 - 38.25	FIXED MOBILE Radio astronomy	SRD Wireless audio devices
38.25 - 39.986	FIXED MOBILE	38.25 - 39.986	FIXED MOBILE	Wireless audio devices
39.986 - 40.02	FIXED MOBILE Space Research	39.986 - 40.02	FIXED MOBILE Space Research	SRD Cordless telephones
40.02 - 40.98	FIXED MOBILE 5.150	40.02 - 40.98	FIXED MOBILE	SRD Non-specific SRD's Radio controlled models Detection of movement and signaling Cordless telephones

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
40.98 - 41.015	FIXED MOBILE Space Research 5.160 5.161	40.98 - 41.015	FIXED MOBILE Space Research	
41.015 - 42	FIXED MOBILE 5.160 5.161 5.161A	41.015 - 42	FIXED MOBILE	
42 - 42.5	FIXED MOBILE 5.161	42 - 42.5	FIXED MOBILE	
42.5 - 44	FIXED MOBILE 5.160 5.161 5.161A	42.5 - 44	FIXED MOBILE	SRD Cordless telephones
44 - 47	FIXED MOBILE 5.162 5.162A	44 - 47	FIXED MOBILE	SRD Cordless telephones
47 - 50	FIXED MOBILE	47 - 50	FIXED MOBILE	SRD Cordless telephones
50 - 54	AMATEUR 5.162A 5.167 5.167A 5.168 5.170	50 - 54	AMATEUR	SRD Non-specific SRD's
54 - 68	BROADCASTING Fixed Mobile 5.172	54 - 68	BROADCASTING Fixed Mobile	
68 - 72	BROADCASTING Fixed Mobile 5.173	68 - 72	BROADCASTING Fixed Mobile	SRD Detection of movement and signaling
72 - 73	FIXED MOBILE	72 - 73	FIXED MOBILE	SRD Non-specific SRD's
73 - 74.6	RADIO ASTRONOMY 5.178	73 - 74.6	RADIO ASTRONOMY	
74.6 - 74.8	FIXED MOBILE	74.6 - 74.8	FIXED MOBILE	SRD Non-specific SRD's

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
74.8 - 75.2	AERONAUTICAL RADIONAVIGATION 5.180 5.181	74.8 - 75.2	AERONAUTICAL RADIONAVIGATION	
75.2 - 75.4	FIXED MOBILE 5.179	75.2 - 75.4	FIXED MOBILE	SRD Non-specific SRD's
75.4 - 76	FIXED MOBILE	75.4 - 76	FIXED MOBILE	SRD Non-specific SRD's
76 - 88	BROADCASTING Fixed Mobile 5.185	76 - 88	BROADCASTING Fixed Mobile	SRD Detection of movement and signaling
88 - 100	BROADCASTING	88 - 100	BROADCASTING	FM radio SRD Wireless audio transfer
100 - 108	BROADCASTING 5.192 5.194	100 - 108	BROADCASTING	FM radio SRD Wireless audio transfer
108 - 117.975	AERONAUTICAL RADIONAVIGATION 5.197 5.197A	108 - 117.975	AERONAUTICAL RADIONAVIGATION	
117.975 - 137	AERONAUTICAL MOBILE (R) 5.111 5.200 5.201 5.202	117.975 - 137	AERONAUTICAL MOBILE (R)	
137 -137.025	SPACE OPERATION (space to Earth) 5.203C 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	137 -137.025	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) 5.203C 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	137.025 - 137.175	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)	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
137.175 - 137.825	SPACE OPERATION (space to Earth) 5.203C 5.209A 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	137.175 - 137.825	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)	
137.825 - 138	SPACE OPERATION (space to Earth) 5.203C 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	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)	
138 - 143.6	FIXED MOBILE RADIOLOCATION Space Research (space to Earth)	138 - 143.6	FIXED MOBILE RADIOLOCATION Space Research (space to Earth)	
143.6 - 143.65	FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space to Earth)	143.6 - 143.65	FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space to Earth)	
143.65 - 144	FIXED MOBILE RADIOLOCATION Space Research (space to Earth)	143.65 - 144	FIXED MOBILE RADIOLOCATION Space Research (space to Earth)	
144 - 146	AMATEUR AMATEUR-SATELLITE 5.216	144 - 146	AMATEUR AMATEUR-SATELLITE	
146 - 148	AMATEUR 5.217	146 - 148	AMATEUR	
148 - 149.9	FIXED MOBILE MOBILE-SATELLITE (Earth to space) 5.209 5.218 5.219 5.221	148 - 149.9	FIXED MOBILE MOBILE-SATELLITE (Earth to space)	
149.9 - 150.05	MOBILE-SATELLITE (Earth to space) 5.209 5.220	149.9 - 150.05	MOBILE-SATELLITE (Earth to space)	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
150.05 – 154	FIXED MOBILE 5.225	150.05 – 154	FIXED MOBILE	
154 – 156.4875	FIXED MOBILE 5.226	154 – 156.4875	FIXED MOBILE	
156.4875 – 156.5625	MARITIME MOBILE (distress and calling via DSC) 5.111 5.226 5.227	156.4875 – 156.5625	MARITIME MOBILE (distress and calling via DSC)	
156.5625-156.7625	FIXED MOBILE 5.226	156.5625-156.7625	FIXED MOBILE	
156.7625 - 156.7875	MARITIME MOBILE MOBILE-SATELLITE (Earth to space) 5.111 5.226 5.228	156.7625 - 156.7875	MARITIME MOBILE MOBILE-SATELLITE (Earth to space)	
156.7875 – 156.8125	MARITIME MOBILE (distress and calling) 5.111 5.226	156.7875 – 156.8125	MARITIME MOBILE (distress and calling)	
156.8125 – 156.8375	MARITIME MOBILE MOBILE-SATELLITE (Earth to space) 5.111 5.226 5.228	156.8125 – 156.8375	MARITIME MOBILE MOBILE-SATELLITE (Earth to space)	
156.8375 – 157.1875	FIXED MOBILE 5.226	156.8375 – 157.1875	FIXED MOBILE	
157.1875-157.3375	FIXED MOBILE Maritime mobile-satellite 5.208A 5.208B 5.228AB 5.228AC 5.226	157.1875-157.3375	FIXED MOBILE Maritime mobile-satellite	
157.3375-161.7875	FIXED MOBILE 5.226	157.3375-161.7875	FIXED MOBILE	
161.7875-161.9375	FIXED MOBILE Maritime mobile-satellite 5.208A 5.208B 5.228AB 5.228AC 5.226	161.7875-161.9375	FIXED MOBILE Maritime mobile-satellite	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
161.9375 – 161.9625	FIXED MOBILE Maritime mobile-satellite (Earth to space) 5.228AA 5.226	161.9375 – 161.9625	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	161.9625 – 161.9875	AERONAUTICAL MOBILE (OR) MARITIME MOBILE MOBILE-SATELLITE (Earth to space)	
161.9875 - 162.0125	FIXED MOBILE Maritime mobile-satellite (Earth to space) 5.228AA 5.226	161.9875 - 162.0125	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	162.0125 – 162.0375	AERONAUTICAL MOBILE(OR) MARITIME MOBILE MOBILE-SATELLITE (Earth to space)	
162.0375 – 174	FIXED MOBILE 5.226 5.230 5.231	162.0375 – 174	FIXED MOBILE	SRD Smart metering Detection & goods tracking systems Mics for persons in need Security, safety and social alarms
174 – 216	BROADCASTING Fixed Mobile	174 – 216	BROADCASTING Fixed Mobile	SRD Mics for persons in need
216 - 220	FIXED MARITIME MOBILE Radiolocation 5.241 5.242	216 - 220	FIXED MARITIME MOBILE Radiolocation	
220 - 225	AMATEUR FIXED MOBILE Radiolocation 5.241	220 - 225	AMATEUR FIXED MOBILE Radiolocation	
225 - 235	FIXED MOBILE	225 - 235	FIXED MOBILE	Studio Transmitter Links

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
235 - 267	FIXED MOBILE 5.111 5.252 5.254 5.256 5.256A	235 - 267	FIXED MOBILE	Studio Transmitter Links (235 – 245 MHz) Harmonized military band
267 - 272	FIXED MOBILE Space operation (space to Earth) 5.254 5.257	267 - 272	FIXED MOBILE Space operation (space to Earth)	Harmonized military band
272 - 273	SPACE OPERATION (space to Earth) FIXED MOBILE 5.254	272 - 273	SPACE OPERATION (space to Earth) FIXED MOBILE	Harmonized military band
273 - 312	FIXED MOBILE 5.254	273 - 312	FIXED MOBILE	Harmonized military band SRD Non-specific SRD's
312 - 315	FIXED MOBILE Mobile-satellite (Earth to space) 5.254 5.255	312 - 315	FIXED MOBILE Mobile-satellite (Earth to space)	Harmonized military band SRD Non-specific SRD's
315 - 322	FIXED MOBILE 5.254	315 - 322	FIXED MOBILE	Harmonized military band SRD Non-specific SRD's
322 - 328.6	FIXED MOBILE RADIO ASTRONOMY 5.149	322 - 328.6	FIXED MOBILE RADIO ASTRONOMY	Harmonized military band
328.6 - 335.4	AERONAUTICAL RADIONAVIGATION 5.258 5.259	328.6 - 335.4	AERONAUTICAL RADIONAVIGATION	Harmonized military band
335.4 - 387	FIXED MOBILE 5.254	335.4 - 387	FIXED MOBILE	Harmonized military band Tetra
387 - 390	FIXED MOBILE Mobile-satellite (space to Earth) 5.208A 5.208B 5.254 5.255	387 - 390	FIXED MOBILE Mobile-satellite (space to Earth)	Harmonized military band Tetra

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
390 - 399.9	FIXED MOBILE 5.254	390 - 399.9	FIXED MOBILE	Harmonized military band Tetra
399.9 - 400.05	MOBILE-SATELLITE (Earth to space) 5.209 5.220 5.260A 5.260B	399.9 - 400.05	MOBILE-SATELLITE (Earth to space)	
400.05 - 400.15	STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) 5.261 5.262	400.05 - 400.15	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	400.15 - 401	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 5.264A 5.264B	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	SRD Medical implants
402 - 403	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth to space) METEOROLOGICAL-SATELLITE (Earth to space) Fixed Mobile except aeronautical mobile 5.264A 5.264B	402 - 403	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth to space) METEOROLOGICAL-SATELLITE (Earth to space) Fixed Mobile except aeronautical mobile	SRD Medical implants
403 - 406	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile 5.265	403 - 406	METEOROLOGICAL-SATELLITE Fixed Mobile except aeronautical mobile	SRD Medical implants
406 - 406.1	MOBILE-SATELLITE (Earth to space) 5.265 5.266 5.267	406 - 406.1	MOBILE-SATELLITE (Earth to space)	
406.1 - 410	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.265	406.1 - 410	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
410 - 420	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space to space) 5.268	410 - 420	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space to space)	
420 - 430	FIXED MOBILE except aeronautical mobile Radiolocation 5.269 5.270 5.271	420 - 430	FIXED MOBILE except aeronautical mobile Radiolocation	
430 - 432	RADIOLOCATION Amateur 5.271 5.276 5.278 5.279	430 - 432	RADIOLOCATION Amateur	
432 - 438	RADIOLOCATION Amateur Earth exploration-satellite (active) 5.279A 5.271 5.276 5.278 5.279 5.281 5.282	432 - 438	RADIOLOCATION Amateur Earth exploration-satellite (active)	SRD Non-specific SRD's
438 - 440	RADIOLOCATION Amateur 5.271 5.276 5.278 5.279	438 - 440	RADIOLOCATION Amateur	
440 - 450	FIXED MOBILE except aeronautical mobile Radiolocation 5.269 5.270 5.271 5.284 5.285 5.286	440 - 450	FIXED MOBILE except aeronautical mobile Radiolocation	SRD PMR446
450 - 455	FIXED MOBILE 5.286AA 5.209 5.271 5.286 5.286A 5.286B 5.286C 5.286D 5.286E	450 - 455	FIXED MOBILE	Public Mobile (3GPP Band 31 and 73) PMR
455 - 456	FIXED MOBILE 5.286AA MOBILE-SATELLITE (Earth to space) 5.209 5.286A 5.286B 5.286C	455 - 456	MOBILE	Public Mobile (3GPP Band 31 and 73) PMR
456 - 459	FIXED MOBILE 5.286AA 5.271 5.287 5.288	456 - 459	FIXED MOBILE	Public Mobile (3GPP Band 31 and 73) PMR
459 - 460	FIXED MOBILE 5.286AA MOBILE-SATELLITE (Earth to space) 5.209 5.286A 5.286B 5.286C	459 - 460	FIXED MOBILE MOBILE-SATELLITE (Earth to space)	Public mobile (3GPP band 73) PMR

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
460 - 470	FIXED MOBILE 5.286AA Meteorological-satellite (space to Earth) 5.287 5.288 5.289 5.290	460 - 470	FIXED MOBILE Meteorological-satellite (space to Earth)	Public Mobile (3GPP Band 31 and 73) SRD Family radio
470 - 512	BROADCASTING Fixed Mobile 5.292 5.293 5.295	470 - 512	BROADCASTING FIXED Mobile	TV Broadcasting DVB-T Broadcast studio transmitter links SRD Wireless audio devices
512 - 608	BROADCASTING 5.295 5.297	512 - 608	BROADCASTING	DVB-T SRD Wireless audio devices
608 - 614	RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth to space)	608 - 614	RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth to space)	SRD Wireless audio devices
614 - 698	BROADCASTING Fixed Mobile 5.293 5.308 5.308A 5.309	614 - 698	BROADCASTING Fixed Mobile	DVB-T SRD Wireless audio devices
698 - 806	MOBILE 5.317A BROADCASTING Fixed 5.293 5.309	698 - 806	MOBILE Fixed	Public Mobile (3GPP Band 28)
806 - 890	FIXED MOBILE 5.317A BROADCASTING 5.317 5.318	806 - 890	FIXED MOBILE	Public Mobile (3GPP band 5, 26 and 27)
890 - 902	FIXED MOBILE except aeronautical mobile 5.317A Radiolocation 5.318 5.325	890 - 902	MOBILE	Public Mobile (3GPP band 8)
902 - 928	FIXED Amateur MOBILE except aeronautical mobile 5.325A Radiolocation 5.150 5.325 5.326	902 - 928	MOBILE	Public Mobile (3GPP Band 8) Base stations o/b vessels

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
928 - 942	FIXED MOBILE except aeronautical mobile 5.317A Radiolocation 5.325	928 - 942	MOBILE	Public Mobile (3GPP band 8 from 935 MHz) Base stations o/b vessels
942 - 960	FIXED MOBILE 5.317A	942 - 960	MOBILE	Public Mobile (3GPP band 8)
960 – 1,164	AERONAUTICAL MOBILE (R) 5.327A AERONAUTICAL RADIONAVIGATION 5.328 5.328AA	960 – 1,164	AERONAUTICAL MOBILE (R) AERONAUTICAL RADIONAVIGATION	
1,164 – 1,215	AERONAUTICALRADIONAVIGATION 5.328 RADIONAVIGATION-SATELLITE (space to Earth) (space-to-space) 5.328B 5.328A	1,164 – 1,215	AERONAUTICALRADIONAVIGATION RADIONAVIGATION-SATELLITE (space to Earth) (space-to-space)	
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	1,215 – 1,240	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION 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	1,240 – 1,300	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE (space to Earth) (space-to-space) SPACE RESEARCH (active) Amateur	
1300 - 1350	RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.337 RADIONAVIGATION-SATELLITE (Earth to space) 5.149 5.337A	1300 - 1350	RADIOLOCATION AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth to space)	
1,350 – 1,400	RADIOLOCATION 5.338A 5.149 5.334 5.339	1,350 – 1,400	RADIOLOCATION	
1,400 – 1,427	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	1,400 – 1,427	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
1,427 – 1,429	SPACE OPERATION (Earth to space) FIXED MOBILE except aeronautical mobile 5.341A 5.341B 5.341C 5.338A 5.341	1,427 – 1,429	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	1,429 – 1,452	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	1,452 – 1,492	FIXED MOBILE BROADCASTING BROADCASTING-SATELLITE	Public Mobile (3GPP Band 32)
1,492 – 1,518	FIXED MOBILE 5.341B 5.343 5.341 5.344	1,492 – 1,518	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	1,518 – 1,525	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	1,525 – 1,530	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	1,530 – 1,535	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	1,535 - 1,559	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	1,559 – 1,610	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space to Earth) (space-to-space)	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
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	1,610 – 1,610.6	MOBILE-SATELLITE (Earth to space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth to space)	
1,610.6 – 1,613.8	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	1,610.6 – 1,613.8	MOBILE-SATELLITE (Earth to space) RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth to space)	
1,613.8 – 1,621.35	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	1,613.8 – 1,626.5	MOBILE-SATELLITE (Earth to space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth to space) Mobile-satellite (space to Earth)	
1,621.35 – 1,626.5	MARITIME MOBILE-SATELLITE (space-to-Earth) 5.373 5.373A MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth) except maritime mobile-satellite (space-to-Earth) 5.208B 5.341 5.364 5.365 5.366 5.367 5.368 5.370 5.372	1,621.35 – 1,626.5	MARITIME MOBILE-SATELLITE (space-to-Earth) MOBILE-SATELLITE (Earth-to-space) AERONAUTICAL RADIONAVIGATION RADIODETERMINATION-SATELLITE (Earth-to-space) Mobile-satellite (space-to-Earth) except maritime mobile-satellite (space-to-Earth)	
1,626.5 – 1,660	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	1,626.5 – 1,660	MOBILE-SATELLITE (Earth to space)	
1,660 – 1,660.5	MOBILE-SATELLITE (Earth to space) 5.351A RADIO ASTRONOMY 5.149 5.341 5.351 5.354 5.362A 5.376A	1,660 – 1,660.5	MOBILE-SATELLITE (Earth to space) RADIO ASTRONOMY	
1,660.5 – 1,668	RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379 5.379A	1,660.5 – 1,668	RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	
1,668 - 1,668.4	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	1.668 - 1.668.4	MOBILE-SATELLITE (Earth to space) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	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	1,668.4 – 1,670	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	1,670 – 1,675	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	1,675 – 1,690	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	1,690 – 1,700	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	1,700 - 1,710	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	1,710 – 1,930	FIXED MOBILE	Public Mobile (3GPP Band 1 and 3) Base stations o/b aircraft and vessels DECT SRD Wireless audio devices
1,930 - 1,970	FIXED MOBILE 5.388A 5.388B Mobile-satellite (Earth to space) 5.388	1,930 – 1,970	FIXED MOBILE Mobile-satellite (Earth to space)	Public Mobile (3GPP Band 1)
1,970 – 1,980	FIXED MOBILE 5.388A 5.388B 5.388	1,970 – 1,980	FIXED MOBILE	Public Mobile (3GPP Band 1)

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
1,980 – 2,010	FIXED MOBILE MOBILE-SATELLITE (Earth to space) 5.351A 5.388 5.389A 5.389B 5.389F	1,980 – 2,010	FIXED MOBILE MOBILE-SATELLITE (Earth to space)	
2,010 - 2,025	FIXED MOBILE MOBILE-SATELLITE (Earth to space) 5.388 5.389C 5.389E	2,010 - 2,025	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	2,025 – 2,110	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	2,110 – 2,120	FIXED MOBILE SPACE RESEARCH (deep space) (Earth to space)	Public Mobile (3GPP Band 1) Base stations o/b aircraft
2,120 – 2,160	FIXED MOBILE 5.388A 5.388B Mobile-satellite (space to Earth) 5.388	2,120 – 2,160	FIXED MOBILE Mobile-satellite (space to Earth)	Public Mobile (3GPP Band 1) Base stations o/b aircraft
2,160 – 2,170	FIXED MOBILE MOBILE-SATELLITE (space to Earth) 5.388 5.389C 5.389E	2,160 – 2,170	FIXED MOBILE MOBILE-SATELLITE (space to Earth)	Public Mobile (3GPP Band 1) Base stations o/b aircraft
2,170 - 2,200	FIXED MOBILE MOBILE-SATELLITE (space to Earth) 5.351A 5.388 5.389A 5.389F	2,170 - 2,200	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	2,200 – 2,290	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)	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
2,290 – 2,300	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space to Earth)	2,290 – 2,300	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space to Earth)	
2,300 – 2,450	FIXED MOBILE 5.384A RADIOLOCATION Amateur 5.150 5.282 5.393 5.394	2,300 – 2,450	FIXED MOBILE 5.384A RADIOLOCATION Amateur	Public Mobile (3GPP Band 40) SRD Non-specific SRD's RFID Wide band data, RLANs Detection of movement and signaling
2,450 – 2,483.5	FIXED MOBILE 5.384A RADIOLOCATION 5.150	2,450 – 2,483.5	FIXED MOBILE RADIOLOCATION	SRD Non-specific SRD's RFID Wide band data, RLANs Detection of movement and signaling Cordless telephones
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	2,483.5 – 2,500	FIXED MOBILE MOBILE-SATELLITE (space to Earth) RADIOLOCATION RADIODETERMINATION-SATELLITE (space to Earth)	SRD Medical implants
2,500 – 2,520	FIXED 5.410 FIXED-SATELLITE (space to Earth) 5.415 MOBILE except aeronautical mobile 5.384A	2,500 – 2,520	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile	Public Mobile (3GPP Band 7)
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	2,520 – 2,655	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile BROADCASTING-SATELLITE	Public Mobile (3GPP Band 7 and band 38)
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	2,655 – 2,670	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)

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
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	2,670 – 2,690	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)
2,690 – 2,700	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.422	2,690 – 2,700	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
2,700 – 2,900	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation 5.423 5.424	2,700 – 2,900	AERONAUTICAL RADIONAVIGATION Radiolocation	
2,900 – 3,100	RADIOLOCATION 5.424A RADIONAVIGATION 5.426 5.425 5.427	2,900 – 3,100	RADIOLOCATION RADIONAVIGATION	
3,100 - 3,300	RADIOLOCATION Earth exploration-satellite (active) Space Research (active) 5.149 5.428	3,100 - 3,300	RADIOLOCATION Earth exploration-satellite (active) Space Research (active)	
3,300 - 3,400	RADIOLOCATION Amateur Fixed Mobile 5.149 5.429C 5.429D	3,300 - 3,400	RADIOLOCATION Amateur 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	3,400 - 3,500	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile Amateur 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	3,500 - 3,600	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile Radiolocation	Public Mobile (3GPP Band 22, 42 and 43)

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
3,600 - 3,700	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile 5.434 Radiolocation 5.433	3,600 - 3,700	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	3,700 - 4,200	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile	Public mobile (3GPP Band 43)
4,200 - 4,400	AERONAUTICAL MOBILE (R) 5.436 AERONAUTICAL RADIONAVIGATION 5.438 5.437 5.439 5.440	4,200 - 4,400	AERONAUTICAL MOBILE (R) AERONAUTICAL RADIONAVIGATION	
4,400 - 4,500	FIXED MOBILE 5.440A	4,400 - 4,500	FIXED MOBILE	
4,500 - 4,800	FIXED FIXED-SATELLITE (space to Earth) 5.441 MOBILE 5.440A	4,500 - 4,800	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	4,800 - 4,990	FIXED MOBILE Radio astronomy	
4,990 - 5,000	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space Research (passive) 5.149	4,990 - 5,000	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)	5,000 - 5,010	AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth to space)	
5,000 - 5,010	AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (Earth to space)	5,000 - 5,010	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	5,010-5,030	AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space to Earth) (space to space)	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
5,030 - 5,091	AERONAUTICAL MOBILE (R) 5.443C AERONAUTICAL MOBILE-SATELLITE (R) 5.443D AERONAUTICAL RADIONAVIGATION 5.444	5,030-5,091	AERONAUTICAL MOBILE (R) AERONAUTICAL MOBILE-SATELLITE (R) AERONAUTICAL RADIONAVIGATION	
5,091 - 5,150	FIXED-SATELLITE (Earth to space) 5.444A AERONAUTICAL MOBILE 5.444B AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION 5.444	5,091-5,150	FIXED-SATELLITE (Earth to space) 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	5,150 - 5,250	FIXED-SATELLITE (Earth to space) MOBILE except aeronautical mobile AERONAUTICAL RADIONAVIGATION	SRD Wide band data, RLANs
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	5,250 - 5,255	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile RADIOLOCATION SPACE RESEARCH	SRD Wide band data, RLANs
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	5,255 - 5,350	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile RADIOLOCATION SPACE RESEARCH (active)	SRD Wide band data, RLANs
5,350 - 5,460	EARTH EXPLORATION-SATELLITE (active) 5.448B RADIOLOCATION 5.448D AERONAUTICAL RADIONAVIGATION 5.449 SPACE RESEARCH (active) 5.448C	5,350 - 5,460	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION AERONAUTICAL RADIONAVIGATION SPACE RESEARCH (active)	SRD Wide band data, RLANs
5,460 - 5,470	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION 5.448D RADIONAVIGATION 5.449 SPACE RESEARCH (active) 5.448B	5,460 - 5,470	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)	
5,470 - 5,570	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	5,470 - 5,570	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile RADIOLOCATION MARITIME RADIONAVIGATION SPACE RESEARCH (active)	SRD Wide band data, RLANs

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
5,570 – 5,650	MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B MARITIME RADIONAVIGATION 5.450 5.451 5.452	5,570 – 5,650	MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B MARITIME RADIONAVIGATION	SRD Wide band data, RLANs
5,650 – 5,725	MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION Amateur Space Research (deep space) 5.282 5.451 5.453 5.454 5.455	5,650 – 5,725	MOBILE except aeronautical mobile RADIOLOCATION Amateur Space Research (deep space)	SRD Wide band data, RLANs
5,725 – 5,830	RADIOLOCATION Amateur 5.150 5.453 5.455	5,725 – 5,830	RADIOLOCATION Amateur	SRD Non-specific SRD's Wide band data, RLANs
5,830 – 5,850	RADIOLOCATION Amateur Amateur-satellite (space to Earth) 5.150 5.453 5.455	5,830 – 5,850	RADIOLOCATION Amateur Amateur-satellite (space to Earth)	SRD Non-specific SRD's
5,850 – 5,925	FIXED FIXED-SATELLITE (Earth to space) MOBILE Amateur Radiolocation 5.150	5,850 – 5,925	FIXED FIXED-SATELLITE (Earth to space) MOBILE Amateur Radiolocation	SRD Non-specific SRD's Intelligent Transport Systems Cordless telephones
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	5,925 – 6,700	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	6,700 – 7,075	FIXED FIXED-SATELLITE (Earth to space) (space to Earth) MOBILE	
7,075 – 7,250	FIXED MOBILE 5.458 5.459	7,075 – 7,250	FIXED MOBILE	
7,145 – 7,190	FIXED MOBILE SPACE RESEARCH (Earth to space) 5.458 5.459	7,145 – 7,190	FIXED MOBILE SPACE RESEARCH (Earth to space)	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
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	7,190 – 7,235	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	7,235 – 7,250	EARTH EXPLORATION-SATELLITE (Earth to space) FIXED MOBILE	
7,250 - 7,300	FIXED FIXED-SATELLITE (space to Earth) MOBILE 5.461	7,250 - 7,300	FIXED FIXED-SATELLITE (space to Earth) MOBILE	
7,300 - 7,375	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile 5.461	7,300 - 7,375	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	7,375 - 7,450	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	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)	
7,550 - 7,750	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile MARITIME MOBILE-SATELLITE (space to Earth) 5.461AA 5.461AB	7,550 - 7,750	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	7,750 - 7,900	FIXED METEOROLOGICAL-SATELLITE (space to Earth) MOBILE except aeronautical mobile	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
7,900 - 8,025	FIXED FIXED-SATELLITE (Earth to space) MOBILE 5.461	7,900 - 8,025	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	8,025 - 8,175	EARTH EXPLORATION-SATELLITE (space to Earth) FIXED FIXED-SATELLITE (Earth to space) MOBILE	
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	8,175 - 8,215	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	8,215 - 8,400	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	8,400 - 8,500	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space to Earth)	
8,500 - 8,550	RADIOLOCATION 5.468 5.469	8,500 - 8,550	RADIOLOCATION	
8,550 - 8,650	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.468 5.469 5.469A	8,550 - 8,650	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)	
8,650 - 8,750	RADIOLOCATION 5.468 5.469	8,650 - 8,750	RADIOLOCATION	
8,750 - 8,850	RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.470 5.471	8,750 - 8,850	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
8,850 - 9,000	RADIOLOCATION MARITIME RADIONAVIGATION 5.472 5.473	8,850 - 9,000	RADIOLOCATION MARITIME RADIONAVIGATION	

Frequency band MHz	ITU Radio Regulations	Frequency band MHz	Local allocations	Remarks
9,000 - 9,200	RADIOLOCATION AERONAUTICAL RADIONAVIGATION 5.337 5.471 5.473A	9,000 - 9,200	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	9,200 - 9,300	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION MARITIME RADIONAVIGATION	SRD Detection of movement and signaling
9,300 - 9,500	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION 5.475 SPACE RESEARCH (active) 5.427 5.474 5.475 5.475A 5.475B 5.476A	9,300 - 9,500	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)	SRD Detection of movement and signaling
9,500 - 9,800	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active) 5.476A	9,500 - 9,800	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active)	SRD Detection of movement and signaling
9,800 - 9,900	RADIOLOCATION Earth exploration-satellite (active) Fixed Space Research (active) 5.477 5.478 5.478A 5.478B	9,800 - 9,900	RADIOLOCATION Earth exploration-satellite (active) Fixed Space Research (active)	SRD Detection of movement and signaling
9,900 - 10,000	EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C RADIOLOCATION Fixed 5.474D 5.477 5.478 5.479	9,900 - 10,000	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION Fixed	SRD Detection of movement and signaling

Units in GHz from here

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
10.00 - 10.40	EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C RADIOLOCATION Amateur 5.474D 5.479 5.480	10.00 - 10.40	EARTH EXPLORATION-SATELLITE (active) FIXED MOBILE RADIOLOCATION Amateur	
10.4 - 10.45	RADIOLOCATION Amateur 5.480	10.4 - 10.45	FIXED MOBILE RADIOLOCATION Amateur	
10.45 - 10.5	RADIOLOCATION Amateur Amateur-satellite 5.481	10.45 - 10.5	RADIOLOCATION Amateur Amateur-satellite	
10.5 - 10.55	FIXED MOBILE RADIOLOCATION	10.5 - 10.55	FIXED MOBILE RADIOLOCATION	SRD Detection of movement and signaling
10.55 - 10.6	FIXED MOBILE except aeronautical mobile Radiolocation	10.55 - 10.6	FIXED MOBILE except aeronautical mobile Radiolocation	SRD Detection of movement and signaling
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	10.6 - 10.68	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	10.68 - 10.7	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	10.7 - 10.95	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	10.95 - 11.2	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
11.2 – 11.45	FIXED FIXED-SATELLITE (space to Earth) 5.441 MOBILE except aeronautical mobile	11.2 – 11.45	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	11.45 - 11.7	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	11.7 - 12.1	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	12.1. - 12.2	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	12.2 - 12.7	FIXED MOBILE except aeronautical mobile BROADCASTING BROADCASTING-SATELLITE	
12.7 - 12.75	FIXED FIXED-SATELLITE (Earth to space) MOBILE except aeronautical mobile	12.7 - 12.75	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)	12.75 - 13.25	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	13.25 - 13.4	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	13.4 - 13.65	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH Standard frequency and time signal-satellite (Earth to space)	SRD RFID Detection of movement and signaling

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
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	13.65 - 13.75	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH Standard frequency and time signal-satellite (Earth to space)	SRD RFID Detection of movement and signaling
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	13.75 - 14	FIXED-SATELLITE (Earth to space) RADIOLOCATION Earth exploration-satellite Standard frequency and time signal-satellite (Earth to space) Space Research	SRD RFID Detection of movement and signaling
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	14 - 14.25	FIXED-SATELLITE (Earth to space) RADIONAVIGATION Mobile-satellite (Earth to space) Space Research	
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	14.25 - 14.3	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	14.3 - 14.4	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	14.4 - 14.47	FIXED FIXED-SATELLITE (Earth to space) MOBILE except aeronautical mobile Mobile-satellite (Earth to space) Space Research (space to Earth)	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
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	14.47 - 14.5	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	14.5 - 14.75	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	14.75 - 14.8	FIXED FIXED-SATELLITE (Earth to space) MOBILE Space Research	
14.8 - 15.35	FIXED MOBILE Space Research 5.339	14.8 - 15.35	FIXED MOBILE Space Research	
15.35 - 15.4	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.511	15.35 - 15.4	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
15.4 - 15.43	RADIOLOCATION 5.511E 5.511F AERONAUTICAL RADIONAVIGATION	15.4 - 15.43	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
15.43 - 15.63	FIXED-SATELLITE (Earth to space) 5.511A RADIOLOCATION 5.511E 5.511F AERONAUTICAL RADIONAVIGATION 5.511C	15.43 - 15.63	FIXED-SATELLITE (Earth to space) RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
15.63 - 15.7	RADIOLOCATION 5.511E 5.511F AERONAUTICAL RADIONAVIGATION	15.63 - 15.7	RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
15.7 - 16.6	RADIOLOCATION 5.512 5.513	15.7 - 16.6	RADIOLOCATION	
16.6 - 17.1	RADIOLOCATION Space Research (deep space) (Earth to space) 5.512 5.513	16.6 - 17.1	RADIOLOCATION Space Research (deep space) (Earth to space)	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
17.1 - 17.2	RADIOLOCATION 5.512 5.513	17.1 - 17.2	RADIOLOCATION	SRD Detection of movement and signaling
17.2 - 17.3	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.512 5.513 5.513A	17.2 - 17.3	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)	SRD Detection of movement and signaling
17.3 - 17.7	FIXED-SATELLITE (Earth to space) 5.516 BROADCASTING-SATELLITE Radiolocation 5.514 5.515	17.3 - 17.7	FIXED-SATELLITE (Earth to space) 5.516 BROADCASTING-SATELLITE Radiolocation	
17.7 - 17.8	FIXED FIXED-SATELLITE (space to Earth) 5.517 5.517A (Earth to space) 5.516 BROADCASTING-SATELLITE Mobile 5.515	17.7 - 17.8	FIXED FIXED-SATELLITE (space to Earth) (Earth to space) BROADCASTING-SATELLITE Mobile	
17.8 - 18.1	FIXED FIXED-SATELLITE (space to Earth) 5.484A 5.517A (Earth to space) 5.516 MOBILE 5.519	17.8 - 18.1	FIXED FIXED-SATELLITE (space to Earth) (Earth to space) MOBILE	
18.1 - 18.4	FIXED FIXED-SATELLITE (space to Earth) 5.484A 5.516B 5.517A (Earth to space) 5.520 MOBILE 5.519 5.521	18.1 - 18.4	FIXED FIXED-SATELLITE (space to Earth) (Earth to space) MOBILE	
18.4 - 18.6	FIXED FIXED-SATELLITE (space to Earth) 5.484A 5.516B 5.517A MOBILE	18.4 - 18.6	FIXED FIXED-SATELLITE (space to Earth) MOBILE	
18.6 - 18.8	EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space to Earth) 5.516B 5.517A 5.522B MOBILE except aeronautical mobile SPACE RESEARCH (passive) 5.522A	18.6 - 18.8	EARTH EXPLORATION-SATELLITE (passive) FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile SPACE RESEARCH (passive)	
18.8 - 19.3	FIXED FIXED-SATELLITE (space to Earth) 5.516.B 5.517A 5.523A MOBILE	18.8 - 19.3	FIXED FIXED-SATELLITE (space to Earth) MOBILE	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
19.3 - 19.7	FIXED FIXED-SATELLITE (space to Earth) (Earth to space) 5.517A 5.523B 5.523C 5.523D 5.523E MOBILE	19.3 - 19.7	FIXED FIXED-SATELLITE (space to Earth) (Earth to space) MOBILE	
19.7 - 20.1	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	19.7 - 20.1	FIXED-SATELLITE (space to Earth) MOBILE-SATELLITE (space to Earth)	
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	20.1 - 20.2	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	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)	21.2 - 21.4	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	
21.4 - 22	FIXED 5.530E MOBILE 5.530A	21.4 - 22	FIXED MOBILE	SRD Short range radar
22 - 22.21	FIXED MOBILE except aeronautical mobile 5.149	22 - 22.21	FIXED MOBILE except aeronautical mobile	SRD Short range radar
22.21 - 22.5	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149 5.532	22.21 - 22.5	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive)	SRD Short range radar
22.5 - 22.55	FIXED MOBILE	22.5 - 22.55	FIXED MOBILE	SRD Short range radar

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
22.55 - 23.15	FIXED INTER-SATELLITE 5.338A MOBILE SPACE RESEARCH (Earth to space) 5.532A 5.149	22.55 - 23.15	FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (Earth to space)	SRD Short range radar
23.15 - 23.55	FIXED INTER-SATELLITE 5.338A MOBILE	23.15 - 23.55	FIXED INTER-SATELLITE MOBILE	SRD Short range radar
23.55 - 23.6	FIXED MOBILE	23.55 - 23.6	FIXED MOBILE	SRD Short range radar
23.6 - 24	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	23.6 - 24	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	SRD Short range radar
24 - 24.05	AMATEUR AMATEUR-SATELLITE 5.150	24 - 24.05	AMATEUR AMATEUR-SATELLITE	SRD Short range radar Non-specific SRD's
24.05 - 24.25	RADIOLOCATION Amateur Earth exploration-satellite (active) 5.150	24.05 - 24.25	RADIOLOCATION Amateur Earth exploration-satellite (active)	SRD Short range radar Detection of movement and signaling Non-specific SRD's
24.25 - 24.45	FIXED 5.532AA MOBILE except aeronautical mobile 5.338A 5.532AB RADIONAVIGATION	24.25 - 24.45	FIXED MOBILE except aeronautical mobile RADIONAVIGATION	SRD Short range radar
24.45 - 24.65	FIXED 5.532AA INTER-SATELLITE MOBILE except aeronautical mobile 5.338A 5.532AB RADIONAVIGATION 5.533	24.45 - 24.65	FIXED INTER-SATELLITE MOBILE except aeronautical mobile RADIONAVIGATION	SRD Short range radar
24.65 - 24.75	FIXED 5.532AA INTER-SATELLITE MOBILE except aeronautical mobile 5.338A 5.532AB RADIOLOCATION-SATELLITE (Earth to space)	24.65 - 24.75	FIXED INTER-SATELLITE MOBILE except aeronautical mobile RADIOLOCATION-SATELLITE (Earth to space)	SRD Short range radar
24.75 - 25.25	FIXED 5.532AA FIXED-SATELLITE (Earth to space) 5.535 MOBILE except aeronautical mobile 5.338A 5.532AB	24.75 - 25.25	FIXED FIXED-SATELLITE (Earth to space) MOBILE except aeronautical mobile	SRD Short range radar

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
25.25 - 25.5	FIXED 5.534A INTER-SATELLITE 5.536 MOBILE 5.338A 5.532AB Standard frequency and time signal-satellite (Earth-to-space)	25.25 - 25.5	FIXED INTER-SATELLITE MOBILE Standard frequency and time signal-satellite (Earth to space)	SRD Short range radar
25.5 - 27	EARTH EXPLORATION-SATELLITE (space to Earth) 5.536B FIXED 5.534A INTER-SATELLITE 5.536 MOBILE 5.338A 5.532AB SPACE RESEARCH (space to Earth) 5.536C Standard frequency and time signal-satellite (Earth to space) 5.536A	25.5 - 27	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
27 - 27.5	FIXED 5.534A FIXED-SATELLITE (Earth to space) INTER-SATELLITE 5.536 5.537 MOBILE 5.338A 5.532AB	27 - 27.5	FIXED FIXED-SATELLITE (Earth to space) INTER-SATELLITE MOBILE	
27.5 - 28.5	FIXED 5.537A FIXED-SATELLITE (Earth to space) 5.484A 5.516B 5.539 MOBILE 5.538 5.540	27.5 - 28.5	FIXED FIXED-SATELLITE (Earth to space) MOBILE	
28.5 - 29.1	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	28.5 - 29.1	FIXED FIXED-SATELLITE (Earth to space) MOBILE Earth exploration-satellite (Earth to space)	
29.1 - 29.5	FIXED FIXED-SATELLITE (Earth-to-space) 5.516B 5.517A 5.523C 5.523E 5.535A 5.539 5.541A MOBILE Earth exploration-satellite (Earth to space) 5.541 5.540	29.1 - 29.5	FIXED FIXED-SATELLITE MOBILE Earth exploration-satellite (Earth to space)	
29.5 - 29.9	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	29.5 - 29.9	FIXED-SATELLITE (Earth to space) MOBILE-SATELLITE (Earth to space) Earth exploration-satellite (Earth to space)	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
29.9 - 30	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	29.9 - 30	FIXED-SATELLITE (Earth to space) MOBILE-SATELLITE (Earth to space) Earth exploration-satellite (Earth to space)	
30 - 31	FIXED-SATELLITE (Earth to space) 5.338A MOBILE-SATELLITE (Earth to space) Standard frequency and time signal-satellite (space to Earth) 5.542	30 - 31	FIXED-SATELLITE (Earth to space) MOBILE-SATELLITE (Earth to space) Standard frequency and time signal-satellite (space to Earth)	
31 - 31.3	FIXED 5.338A 5.543B MOBILE Standard frequency and time signal-satellite (space to Earth) Space Research 5.544 5.545 5.149	31 - 31.3	FIXED MOBILE Standard frequency and time signal-satellite (space to Earth) Space Research	
31.3 - 31.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	31.3 - 31.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
31.5 - 31.8	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	31.5 - 31.8	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
31.8 - 32	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space to Earth) 5.547 5.547B 5.548	31.8 - 32	FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space to Earth)	
32 - 32.3	FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space to Earth) 5.547 5.547C 5.548	32 - 32.3	FIXED RADIONAVIGATION SPACE RESEARCH (deep space) (space to Earth)	
32.3 - 33	FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547 5.547D 5.548	32.3 - 33	FIXED INTER-SATELLITE RADIONAVIGATION	
33 - 33.4	FIXED 5.547A RADIONAVIGATION 5.547 5.547E	33 - 33.4	FIXED RADIONAVIGATION	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
33.4 - 34.2	RADIOLOCATION 5.549	33.4 - 34.2	RADIOLOCATION	
34.2 - 34.7	RADIOLOCATION SPACE RESEARCH (deep space) (Earth to space) 5.549	34.2 - 34.7	RADIOLOCATION SPACE RESEARCH (deep space) (Earth to space)	
34.7 - 35.2	RADIOLOCATION Space Research 5.550 5.549	34.7 - 35.2	RADIOLOCATION Space Research	
35.2 - 35.5	METEOROLOGICAL AIDS RADIOLOCATION 5.549	35.2 - 35.5	METEOROLOGICAL AIDS RADIOLOCATION	
35.5 - 36	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.549 5.549A	35.5 - 36	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active)	
36 - 37	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.149 5.550A	36 - 37	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	
37 - 37.5	FIXED MOBILE except aeronautical mobile 5.550B SPACE RESEARCH (space to Earth) 5.547	37 - 37.5	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space to Earth)	
37.5 - 38	FIXED FIXED-SATELLITE (space to Earth) 5.550C MOBILE except aeronautical mobile 5.550B SPACE RESEARCH (space to Earth) Earth exploration-satellite (space to Earth) 5.547	37.5 - 38	FIXED FIXED-SATELLITE (space to Earth) MOBILE except aeronautical mobile SPACE RESEARCH (space to Earth) Earth exploration-satellite (space to Earth)	
38 - 39.5	FIXED 5.550D FIXED-SATELLITE (space to Earth) 5.550C MOBILE 5.550B Earth exploration-satellite (space to Earth) 5.547	38 - 39.5	FIXED FIXED-SATELLITE (space to Earth) MOBILE Earth exploration-satellite (space to Earth)	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
39.5 - 40	FIXED FIXED-SATELLITE (space to Earth) 5.516B 5.550C MOBILE 5.550B MOBILE-SATELLITE (space to Earth) Earth exploration-satellite (space to Earth) 5.547 5.550E	39.5 - 40	FIXED FIXED-SATELLITE (space to Earth) MOBILE MOBILE-SATELLITE (space to Earth) Earth exploration-satellite (space to Earth)	
40 - 40.5	EARTH EXPLORATION-SATELLITE (Earth to space) FIXED FIXED-SATELLITE (space to Earth) 5.516B 5.550C MOBILE 5.550B MOBILE-SATELLITE (space to Earth) SPACE RESEARCH (Earth to space) Earth exploration-satellite (space to Earth) 5.550E	40 - 40.5	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)	
40.5 - 41	FIXED FIXED-SATELLITE (space to Earth) 5.516B 5.550C LAND MOBILE 5.550B BROADCASTING BROADCASTING-SATELLITE Aeronautical mobile Maritime mobile Mobile-satellite (space to Earth) 5.547	40.5 - 41	FIXED FIXED-SATELLITE (space to Earth) LAND MOBILE BROADCASTING BROADCASTING-SATELLITE Aeronautical mobile Maritime mobile Mobile-satellite (space to Earth)	
41 - 42.5	FIXED FIXED-SATELLITE (space to Earth) 5.516B 5.550C LAND MOBILE 5.550B BROADCASTING BROADCASTING-SATELLITE Aeronautical mobile Maritime mobile 5.547 5.551F 5.551H 5.551I	41 - 42.5	FIXED FIXED-SATELLITE (space to Earth) LAND MOBILE BROADCASTING BROADCASTING-SATELLITE Aeronautical mobile Maritime mobile	
42.5 - 43.5	FIXED FIXED-SATELLITE (Earth to space) 5.552 MOBILE except aeronautical mobile 5.550B RADIO ASTRONOMY 5.149 5.547	42.5 - 43.5	FIXED FIXED-SATELLITE (Earth to space) MOBILE except aeronautical mobile RADIO ASTRONOMY	
43.5 - 47	MOBILE 5.553 5.553A MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554	43.5 - 47	MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
47 - 47.2	AMATEUR AMATEUR-SATELLITE	47 - 47.2	AMATEUR AMATEUR-SATELLITE	
47.2 - 47.5	FIXED FIXED-SATELLITE (Earth to space) 5.550C 5.552 MOBILE 5.553B 5.552A	47.2 - 47.5	FIXED FIXED-SATELLITE (Earth to space) MOBILE	
47.5 - 47.9	FIXED FIXED-SATELLITE (Earth to space) 5.550C 5.552 MOBILE 5.553B	47.5 - 47.9	FIXED FIXED-SATELLITE (Earth to space) MOBILE	
47.9 - 48.2	FIXED FIXED-SATELLITE (Earth to space) 5.550C 5.552 MOBILE 5.553B 5.552A	47.9 - 48.2	FIXED FIXED-SATELLITE (Earth to space) MOBILE	
48.2 - 50.2	FIXED FIXED-SATELLITE (Earth to space) 5.338A 5.516B 5.550C 5.552 MOBILE 5.149 5.340 5.555	48.2 - 50.2	FIXED FIXED-SATELLITE (Earth to space) MOBILE	
50.2 - 50.4	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340	50.2 - 50.4	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)	
50.4 - 51.4	FIXED FIXED-SATELLITE (Earth to space) 5.338A 5.550C MOBILE Mobile-satellite (Earth to space)	50.4 - 51.4	FIXED FIXED-SATELLITE (Earth to space) MOBILE Mobile-satellite (Earth to space)	
51.4 - 52.4	FIXED FIXED-SATELLITE (Earth to space) 5.555C MOBILE 5.338A 5.547 5.556	51.4 - 52.4	FIXED FIXED-SATELLITE (Earth to space) MOBILE	
52.4 - 52.6	FIXED 5.338A MOBILE 5.547 5.556	52.4 - 52.6	FIXED MOBILE	
52.6 - 54.25	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 5.556	52.6 - 54.25	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive)	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
54.25 - 55.78	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive) 5.556B	54.25 - 55.78	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	
55.78 - 56.9	EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547 5.557	55.78 - 56.9	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)	
56.9 - 57	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (passive) 5.547 5.557	56.9 - 57	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	57 - 58.2	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE SPACE RESEARCH (passive)	SRD Wide band data, RLANs
58.2 - 59	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.547 5.556	58.2 - 59	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	SRD Wide band data, RLANs
59 - 59.3	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 RADIOLOCATION 5.559 SPACE RESEARCH (passive)	59 - 59.3	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE MOBILE RADIOLOCATION SPACE RESEARCH (passive)	SRD Wide band data, RLANs Non-specific SRD's
59.3 - 64	FIXED INTER-SATELLITE MOBILE 5.558 RADIOLOCATION 5.559 5.138	59.3 - 64	FIXED INTER-SATELLITE MOBILE RADIOLOCATION	SRD Wide band data, RLANs Road transport and traffic telematics Non-specific SRD's

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
64 - 65	FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.547 5.556	64 - 65	FIXED INTER-SATELLITE MOBILE except aeronautical mobile	SRD Wide band data, RLANs
65 - 66	EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547	65 - 66	EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH	SRD Wide band data, RLANs
66 - 71	INTER-SATELLITE MOBILE 5.553 5.558 5.559AA MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554	66 - 71	INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	
71 - 74	FIXED FIXED-SATELLITE (space to Earth) MOBILE MOBILE-SATELLITE (space to Earth)	71 - 74	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	74 - 76	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	76 - 77,5	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space Research (space to Earth)	SRD Short range radar Road transport and traffic telematics
77.5 - 78	AMATEUR AMATEUR-SATELLITE RADIOLOCATION 5.559B Radio astronomy Space Research (space to Earth) 5.149	77.5 - 78	AMATEUR AMATEUR-SATELLITE RADIOLOCATION Radio astronomy Space Research (space to Earth)	SRD Short range radar

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
78 - 79	RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space Research (space to Earth) 5.149 5.560	78 - 79	RADIOLOCATION Amateur Amateur-satellite RADIO ASTRONOMY Space Research (space to Earth)	SRD Short range radar
79 - 81	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space Research (space to Earth) 5.149	79 - 81	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space Research (space to Earth)	SRD Short range radar
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	81 - 84	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	84 - 86	FIXED FIXED-SATELLITE (Earth to space) MOBILE RADIO ASTRONOMY	
86 - 92	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	86 - 92	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
92 - 94	FIXED 5.338A MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	92 - 94	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	
94 - 94.1	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) RADIO ASTRONOMY 5.562 5.562A	94 - 94.1	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) RADIO ASTRONOMY	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
94.1 - 95	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	94.1 - 95	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	
95 - 100	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554	95 - 100	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE	
100 - 102	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	100 - 102	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
102 - 105	FIXED MOBILE RADIO ASTRONOMY 5.149 5.341	102 - 105	FIXED MOBILE RADIO ASTRONOMY	
105 - 109.5	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341	105 - 109.5	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	
109.5 - 111.8	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	109.5 - 111.8	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
111.8 - 114.25	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341	111.8 - 114.25	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive)	
114.25 - 116	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	114.25 - 116	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
116 - 119.98	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.341	116 - 119.98	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	119.98 - 122.25	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	SRD Non-specific SRD's
122.25 - 123	FIXED INTER-SATELLITE MOBILE 5.558 Amateur 5.138	122.25 - 123	FIXED INTER-SATELLITE MOBILE Amateur	SRD Non-specific SRD's
123 - 130	FIXED-SATELLITE (space to Earth) MOBILE-SATELLITE (space to Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 5.562D 5.149 5.554	123 - 130	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	130 - 134	EARTH EXPLORATION-SATELLITE (active) FIXED INTER-SATELLITE MOBILE RADIO ASTRONOMY	
134 - 136	AMATEUR AMATEUR-SATELLITE Radio astronomy	134 - 136	AMATEUR AMATEUR-SATELLITE Radio astronomy	
136 - 141	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149	136 - 141	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	
141 - 148.5	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	141 - 148.5	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
148.5 - 151.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	148.5 - 151.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
151.5 - 155.5	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	151.5 - 155.5	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION	
155.5 - 158.5	FIXED MOBILE RADIO ASTRONOMY 5.149	155.5 - 158.5	FIXED MOBILE RADIO ASTRONOMY	
158.5 - 164	FIXED FIXED-SATELLITE (space to Earth) MOBILE MOBILE-SATELLITE (space to Earth)	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	164 - 167	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	167 - 174.5	FIXED FIXED-SATELLITE (space to Earth) INTER-SATELLITE MOBILE	
174.5 - 174.8	FIXED INTER-SATELLITE MOBILE 5.558	174.5 - 174.8	FIXED INTER-SATELLITE MOBILE	
174.8 - 182	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)	174.8 - 182	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	
182 - 185	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	182 - 185	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
185 - 190	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)	185 - 190	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE SPACE RESEARCH (passive)	
190 - 191.8	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340	190 - 191.8	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	191.8 - 200	FIXED INTER-SATELLITE MOBILE MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE	
200 - 209	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 5.563A	200 - 209	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
209 - 217	FIXED FIXED-SATELLITE (Earth to space) MOBILE RADIO ASTRONOMY 5.149 5.341	209 - 217	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	217 - 226	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	226 - 231.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	
231.5 - 232	FIXED MOBILE Radiolocation	231.5 - 232	FIXED MOBILE Radiolocation	
232 - 235	FIXED FIXED-SATELLITE (space to Earth) MOBILE Radiolocation	232 - 235	FIXED FIXED-SATELLITE (space to Earth) MOBILE Radiolocation	

Frequency band GHz	ITU Radio Regulations	Frequency band GHz	Local allocations	Remarks
235 - 238	EARTH EXPLORATION-SATELLITE (passive) FIXED-SATELLITE (space to Earth) SPACE RESEARCH (passive) 5.563A 5.563B	235 - 238	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	238 - 240	FIXED FIXED-SATELLITE (space to Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE	
240 - 241	FIXED MOBILE RADIOLOCATION	240 - 241	FIXED MOBILE RADIOLOCATION	
241 - 248	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.138 5.149	241 - 248	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite	SRD Non-specific SRD's
248 - 250	AMATEUR AMATEUR-SATELLITE Radio astronomy 5.149	248 - 250	AMATEUR AMATEUR-SATELLITE Radio astronomy	
250 - 252	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.563A	250 - 252	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	252 - 265	FIXED MOBILE MOBILE-SATELLITE (Earth to space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE	
265 - 275	FIXED FIXED-SATELLITE (Earth to space) MOBILE RADIO ASTRONOMY 5.149 5.563A	265 - 275	FIXED FIXED-SATELLITE (Earth to space) MOBILE RADIO ASTRONOMY	
275 - 3000	(Not allocated) 5.564A 5.565	275 - 3000	(Not allocated)	

