

NATIONAL FREQUENCY PLAN IN THE KINGDOM OF SAUDI ARABIA

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Article 1: Terms

The Plan The National Frequency Plan of The Kingdom Of Saudi Arabia

The Commission Communications and Information Technology Commission

Act The Telecommunication Act

International Table International Frequency Allocation Table in the International Radio Regulation

National Table National Frequency Allocation Table

International Footnotes International Footnotes in the International Radio Regulations (RR)

National Footnotes National Footnotes in the National Frequency Plan

Services Wireless Radio Services according to The International Radio Regulations (RR)

Article 2: Structure of the National Frequency Plan

The Plan is prepared according to Article (12) item No. (1) of the Telecommunication Act issued by the Royal decree RQM/12 dated 12/3/1422H. The Plan consists of the following:

1. National Table
2. National Footnotes
3. Spectrum Reassignment Timeframe

1. Description of the National Table

Part I of the Plan contains the National Table, which consists of the following four items:

- Frequency band: presents a list of consequential frequency bands.
- Services: Indicates services for which frequency bands are allocated and international footnotes numbers as in RR.
- User Category: refers to one or more Spectrum User Categories defined in item (3) of this Article.



- **Conditions:** indicates national footnotes as stipulated in item (4) of this Article and any additional conditions for the use of these bands.

2 Categories of Services

2.1 Primary and Secondary services appear in the table as follows:

- a) Primary services are printed without square brackets.
- b) Secondary services are printed between square brackets.

2.2 Stations of a secondary service:

- 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) Can not claim protection from harmful interference from stations of a primary service to which frequencies are already assigned or may be assigned at a later date.
- c) Can claim protection, however, from harmful interference from stations of the same category or other secondary service(s) to which frequencies may be assigned at a later date.

2.3 Primary and Secondary services category appears in the table as listed in alphabetical order according to RR. The order of listing does not indicate relative priority within each category.

2.4 In the case where there is a parenthetical addition to an allocation in the table between two practises, that service allocation is restricted to the type of operation as indicated in this additional part.

2.5 The international footnotes numbers which appear in the table below the allocated service or services apply to more than one of the allocated services, or to the whole of the allocation concerned.

2.6 The references to RR footnotes, which appear in front of the name of a service, are applicable only to that particular service.

2.7 Provisions of RR footnotes that are directly related to the KSA and concern additional and alternative allocations are transferred to distributions on the national frequency allocation table and the footnote number will be put in front of these distributions.

2.8 The aeronautical mobile service along air routes are identified by the letter (R), while the aeronautical mobile service outside air routes is identified by the letters (OR).

3 Spectrum User Categories

3.1 Civil category of spectrum users (CIV) includes users of all civil governmental entities, international organizations, enterprises (excluding those covered by Commercial category (COM)), all non-commercial organizations and entities, public societies and local communities, as well as all kinds of private users. Frequency bands allocated to civil category of spectrum users are marked in the NFP as (CIV).

3.2 Commercial category of spectrum users (COM) includes the recognized communication and ICT enterprises that are licensed to provide public telecommunication services in the Kingdom of Saudi Arabia. Frequency bands allocated to Commercial category of spectrum users are marked in the NFP as (COM).

4 Footnotes

4.1 National footnotes, which are presented in Part II of the Plan, include conditions of the use of the allocated bands Kingdom wide.

4.2 International footnotes include conditions of use of the allocated bands internationally.

4.3 National and International Footnotes that are referenced in the Frequency Allocation Table are an integral part of the NFP. International footnotes are represented in the second item of the National Table while the national footnotes are represented in the fourth item of the National Table.

Article 3: Implementation Rules of the Plan

1. All new frequency assignments have to be made entirely in accordance with the frequency bands allocation specified in the Plan and the spectrum user categories presented in the National Table.

2. All existing frequency assignments that do not conform to service allocations or user categories of these bands have to be reassigned on the basis

of Frequency Reassignment Timeframe Table. This period should not be more than five years after the **enforcement date of the Plan**. During this period, new applications can be introduced.

3. After the completion of deadline mentioned in the Frequency Reassignment Timeframe Table, all assignments that have to be reassigned will be cancelled.

4. For more efficient use of the frequency spectrum, spectrum users should not initiate new private wireless networks if their telecommunication needs can be met by other alternative means such as public telecommunication networks, cable or fiber-optics technologies.

5. All spectrum users shall bear the cost of modification or changing of equipment during reassignment activities.

6. New frequency assignments above 3 GHz for point-to-point fixed radio links are permitted only on an individual link by link basis and are not allowed on a city, regional, or Kingdom-wide basis.

7. Existing city, regional and Kingdom-wide frequency assignments at frequencies above 3 GHz for point-to-point fixed radio links shall be progressively reassigned individually for relevant radio stations.

Article 4: Revision of the Plan

CITC shall review and update the Plan periodically, taking into consideration the concerned parties in the Kingdom, based on new developments in the radio field and results of ITU World and Regional Radiocommunication Conferences. The revision period is not to exceed 5 years.

Article 5: Date of Enforcement of the Plan

The Plan has taken effect since 2/5/1429H.

PART I

NATIONAL TABLE



9-1 606.5kHz			
Frequency Band	Services	User Category	Conditions
Below 9 kHz	(Not allocated) 5.53 5.54		
19.95-20.05	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	CIV	1
90-110	RADIONAVIGATION 5.62 [Fixed] 5.64	CIV	1
148.5-255	BROADCASTING	CIV	
255-283.5	BROADCASTING AERONAUTICAL RADIONAVIGATION	CIV	
283.5-315	AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) 5.73 5.74	CIV	
315-325	AERONAUTICAL RADIONAVIGATION [Maritime radionavigation] (radiobeacons) 5.73	CIV	
325-405	AERONAUTICAL RADIONAVIGATION	CIV	
405-415	RADIONAVIGATION 5.76	CIV	
415-435	MARITIME MOBILE 5.79 AERONAUTICAL RADIONAVIGATION	CIV	
435-495	MARITIME MOBILE 5.79 5.79A [Aeronautical radionavigation] 5.82	CIV	
505-526.5	MARITIME MOBILE 5.79 5.79A 5.84 AERONAUTICAL RADIONAVIGATION	CIV	
526.5-1 606.5	BROADCASTING	CIV	

1 685-2 502kHz

Frequency Band	Services	User Category	Conditions
1 685-1 800	FIXED MARITIME MOBILE 5.90 LAND MOBILE 5.92	CIV	
1 800-1 810	RADIOLOCATION	CIV	
1 810-1 830	AMATEUR FIXED 5.99 MOBILE except aeronautical mobile 5.99 5.100	CIV	
1 830-1850	AMATEUR	CIV	3
1 850-2 000	FIXED MOBILE except aeronautical mobile 5.92 5.103	CIV	
2 170-2 173.5	MARITIME MOBILE	CIV	
2 300-2 498	FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.103	CIV	
2 498-2 501	STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz)	CIV	
2 501-2 502	STANDARD FREQUENCY AND TIME SIGNAL [Space Research]	CIV	

2 568-3 850kHz

Frequency Band	Services	User Category	Conditions
2 568-2 625	FIXED MOBILE except aeronautical mobile (R) 5.92 5.103	CIV	
2 650-2 722	FIXED MOBILE except aeronautical mobile (R) 5.92 5.103	CIV	
2 850-3 025	AERONAUTICAL MOBILE (R) 5.111 5.115	CIV	2
3 200-3 230	FIXED MOBILE except aeronautical mobile (R) BROADCASTING 5.113 5.116	CIV	1
3 230-3 400	FIXED MOBILE except aeronautical mobile BROADCASTING 5.113 5.116	CIV	1
3 400-3 500	AERONAUTICAL MOBILE (R)	CIV	
3 500-3 645	AMATEUR FIXED MOBILE except aeronautical mobile 5.92	CIV	
3 800-3 850	FIXED AERONAUTICAL MOBILE (OR) LAND MOBILE	CIV	

4 438-6 200kHz

Frequency Band	Services	User Category	Conditions
4 438-4 510	FIXED MOBILE except aeronautical mobile (R)	CIV	
4 850-4 995	FIXED LAND MOBILE BROADCASTING 5.113	CIV	
4 995-5 003	STANDARD FREQUENCY AND TIME SIGNAL (5 000kHz)	CIV	
5 003-5 005	STANDARD FREQUENCY AND TIME SIGNAL [Space research]	CIV	
5 005-5 060	FIXED BROADCASTING 5.113	CIV	
5 060-5 250	FIXED [Mobile except aeronautical mobile]	CIV	
5 730-5 820	FIXED LAND MOBILE	CIV	
5 900-5 950	BROADCASTING 5.134 5.136	CIV	
5 950-6 200	BROADCASTING	CIV	

6 765-7 700 kHz

Frequency Band	Services	User Category	Conditions
6 765-6 890	FIXED MOBILE except aeronautical mobile (R) 5.138 5.138A	CIV	1, 4
7 000-7 100	AMATEUR AMATEUR-SATELLITE	CIV	3
7 100-7 200	AMATEUR FIXED 5.141B MOBILE except aeronautical mobile (R) 5.141B 5.141C 5.142	CIV	
7 200-7 300	BROADCASTING	CIV	
7 300-7 350	BROADCASTING 5.134 5.143	CIV	
7 350-7400	FIXED 5.143C BROADCASTING 5.143B	CIV	
7400-7 450	FIXED 5.143C BROADCASTING 5.143B	CIV	1
7 450-7 700	FIXED MOBILE except aeronautical mobile (R) 5.143E	CIV	1



9 285-12 100 kHz

Frequency Band	Services	User Category	Conditions
9 285-9 400	FIXED	CIV	
9 400-9 500	BROADCASTING 5.134 5.146	CIV	
9 500-9 900	BROADCASTING 5.147	CIV	
9 950-9 995	FIXED	CIV	
9 995-10 003	STANDARD FREQUENCY AND TIME SIGNAL (10 000kHz) 5.111	CIV	2
10 003-10 005	STANDARD FREQUENCY AND TIME SIGNAL [Space research] 5.111	CIV	2
10 100-10 150	FIXED [Amateur]	CIV	3
10 765-11 175	FIXED [Mobile except aeronautical mobile] (R)	CIV	
11 530-11 600	FIXED	CIV	
11 600-11 650	BROADCASTING 5.134 5.146	CIV	
11 650-12 050	BROADCASTING 5.147	CIV	
12 050-12 100	BROADCASTING 5.134 5.146	CIV	



13 360-17 445 kHz

Frequency Band	Services	User Category	Conditions
13 360-13 410	FIXED RADIO ASTRONOMY 5.149	CIV	
13 500-13 570	FIXED [Mobile except aeronautical mobile] (R) 5.150	CIV	1, 4
13 570-13 600	BROADCASTING 5.134 5.151	CIV	
13 600-13 800	BROADCASTING	CIV	
13 800-13 870	BROADCASTING 5.134 5.151	CIV	
14 000-14 250	AMATEUR AMATEUR-SATELLITE	CIV	3
14 250-14 350	AMATEUR	CIV	3
14 700-14 990	FIXED [Mobile except aeronautical mobile] (R)	CIV	
14 990-15 005	STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) 5.111	CIV	2
15 005-15 010	STANDARD FREQUENCY AND TIME SIGNAL [Space research]	CIV	
15 100-15 600	BROADCASTING	CIV	
15 600-15 800	BROADCASTING 5.134 5.146	CIV	
16 110-16 360	FIXED	CIV	
17 410-17 445	FIXED	CIV	

17 480-21 924 kHz

Frequency Band	Services	User Category	Conditions
17 480-17 550	BROADCASTING 5.134 5.146	CIV	
17 550-17 900	BROADCASTING	CIV	
18 068-18 168	AMATEUR AMATEUR-SATELLITE	CIV	3
18 348-18 780	FIXED [Mobile except aeronautical mobile]	CIV	
18 900-19 020	BROADCASTING 5.134 5.146	CIV	
19 600-19 680	FIXED	CIV	
19 990-19 995	STANDARD FREQUENCY AND TIME SIGNAL [Space research] 5.111	CIV	2
19 995-20 010	STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) 5.111	CIV	2
20 505-21 000	FIXED [Mobile]	CIV	
21 000-21 450	AMATEUR AMATEUR-SATELLITE	CIV	3
21 450-21 850	BROADCASTING	CIV	
21 850-21 870	FIXED	CIV	
21 870-21 924	FIXED 5.155B	CIV	

23 100-27 500 kHz

Frequency Band	Services	User Category	Conditions
23 100-23 200	FIXED [Mobile except aeronautical mobile] (R)	CIV	
23 640-24 000	FIXED MOBILE except aeronautical mobile 5.157	CIV	
24 000-24 640	FIXED LAND MOBILE	CIV	
24 890-24 990	AMATEUR AMATEUR-SATELLITE	CIV	3
24 990-25 005	STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)	CIV	
25 005-25 010	STANDARD FREQUENCY AND TIME SIGNAL [Space research]	CIV	
25 010-25 070	FIXED MOBILE except aeronautical mobile	CIV	
25 340-25 550	FIXED MOBILE except aeronautical mobile	CIV	
25 550-25 670	RADIO ASTRONOMY 5.149	CIV	
25 670-26 100	BROADCASTING	CIV	
26 675-27 500	FIXED MOBILE except aeronautical mobile 5.150	CIV	1, 4, 5, 6



27.5-78 MHz

Frequency Band	Services	User Category	Conditions
27.5-28	METEOROLOGICAL AIDS FIXED MOBILE	CIV	
28-29.7	AMATEUR AMATEUR-SATELLITE	CIV	
30.01-35	FIXED MOBILE	CIV	1, 7
38.25-39.986	FIXED MOBILE	CIV	1, 7
39.986-40.02	FIXED MOBILE [Space research]	CIV	1, 7
41.015-43	FIXED MOBILE	CIV	1, 7
47-68	BROADCASTING	CIV	1
69.8-73	FIXED MOBILE except aeronautical mobile 5.149	CIV	7
75.2-78	FIXED MOBILE except aeronautical mobile	CIV	7



79 – 138MHz

Frequency Band	Services	User Category	Conditions
79-83	FIXED MOBILE except aeronautical mobile	CIV	7
85-87.5	FIXED MOBILE except aeronautical mobile	CIV	7
87.5-100	BROADCASTING	CIV	
100-108	BROADCASTING	CIV	
137-137.025	FIXED 5.204 MOBILE except aeronautical mobile (R) 5.204 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.209 SPACE RESEARCH (space-to-Earth) 5.208	CIV	7
137.025-137.175	FIXED 5.204 MOBILE except aeronautical mobile (R) 5.204 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) [Mobile-satellite] (space-to-Earth) 5.208A 5.209 5.208	CIV	7
137.175-137.825	FIXED 5.204 MOBILE except aeronautical mobile (R) 5.204 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) [Mobile-Satellite] (space-to-Earth) 5.208A 5.209 SPACE RESEARCH (space-to-Earth)	CIV	
137.825-138	FIXED 5.204 MOBILE except aeronautical mobile (R) 5.204 SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) [Mobile-satellite] (space-to-Earth) 208A 5.209 5.208	CIV	7



144 – 230MHz			
Frequency Band	Services	User Category	Conditions
144-146	AMATEUR AMATEUR-SATELLITE	CIV	
146-148	FIXED MOBILE except aeronautical mobile (R)	CIV	7
148-149.9	FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) 5.209 5.218 5.219	CIV	7, 8
149.9-150.05	MOBILE-SATELLITE (Earth-to-space) 5.209 5.224A RADIONAVIGATION-SATELLITE 5.224B 5.220 5.222 5.223	CIV	
150.05-153	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149	CIV	7
153-154	FIXED MOBILE except aeronautical mobile (R) [Meteorological Aids]	CIV	7
154-156	FIXED MOBILE except aeronautical mobile (R)	CIV	7
157.450-160.6	FIXED MOBILE except aeronautical mobile	CIV	7
160.975-161.475	FIXED MOBILE except aeronautical mobile	CIV	7
162.05-165	FIXED MOBILE except aeronautical mobile	CIV	7
174-223	BROADCASTING	CIV	1
223-230	BROADCASTING AERONAUTICAL RADIONAVIGATION 5.247 [Fixed] [Mobile]	CIV	7



235 – 401MHz			
Frequency Band	Services	User Category	Conditions
235-240	FIXED MOBILE 5.254	CIV	7
320-322	FIXED MOBILE 5.254	CIV	7
325-327	FIXED MOBILE RADIO ASTRONOMY 5.149	CIV	7
335.4-360	FIXED MOBILE 5.254	COM/CIV	7
399.9-400.05	MOBILE-SATELLITE (Earth-to-space) 5.209 5.224A RADIONAVIGATION-SATELLITE 5.222 5.224B 5.260 5.220	CIV	
400.05-400.15	FIXED 5.262 MOBILE 5.262 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) 5.261	CIV	7
400.15-401	FIXED 5.262 MOBILE 5.262 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.209 SPACE RESEARCH (space-to-Earth) 5.263 [Space operation] (space-to-Earth) 5.264	CIV	7



401– 427MHz			
Frequency Band	Services	User Category	Conditions
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]	CIV	7
402-403	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) [Fixed] [Mobile except aeronautical mobile]	CIV	1, 7
405 - 406	METEOROLOGICAL AIDS [Fixed] [Mobile except aeronautical mobile]	CIV	1, 7
406-406.1	MOBILE-SATELLITE (Earth-to-space) 5.266 5.267	CIV	
406.1-408	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149	CIV	1, 7
410-417	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) 5.268	COM/CIV	7, 10
420-427	FIXED MOBILE except aeronautical mobile [Radiolocation]	COM/CIV	7, 10



430– 457 MHz			
Frequency Band	Services	User Category	Conditions
430-432	FIXED 5.276 MOBILE except aeronautical mobile 5.276 AMATEUR RADIOLOCATION	CIV	7
434-435	FIXED 5.276 MOBILE except aeronautical mobile 5.276 AMATEUR RADIOLOCATION [Earth exploration-satellite] (active) 5.279A 5.138	CIV	1, 4, 7
435-438	FIXED 5.276 AMATEUR RADIOLOCATION [Earth exploration-satellite] (active) 5.279A 5.282	CIV	7
444-448	FIXED MOBILE except aeronautical mobile [Radiolocation]	CIV	7
450-455	FIXED MOBILE 5.209 5.286 5.286A 5.286B 5.286C	COM	7, 10
455-456	FIXED MOBILE 5.209 5.286A 5.286B 5.286C	COM	7, 10
456-457	FIXED MOBILE	COM	7, 10



460– 915 MHz			
Frequency Band	Services	User Category	Conditions
460-467	FIXED MOBILE 5.289	COM	7, 10
470-790	BROADCASTING 5.149 5.306 5.311	CIV	1
809-821	FIXED MOBILE except aeronautical mobile 5.316 BROADCASTING	COM	1, 7, 9,10
821-824	FIXED MOBILE except aeronautical mobile 5.316 BROADCASTING	CIV	1, 7, 9
828-831	FIXED MOBILE except aeronautical mobile 5.316 BROADCASTING	COM/CIV	1, 7, 9
831-844	FIXED MOBILE except aeronautical mobile 5.316 BROADCASTING	COM	1, 7, 9
854-862	FIXED MOBILE except aeronautical mobile 5.316 BROADCASTING	COM	1, 7, 9
862-870	FIXED MOBILE except aeronautical mobile 5.317A	COM/CIV	1, 7, 10
873-880	FIXED MOBILE except aeronautical mobile 5.317A	COM/CIV	7
880-890	FIXED MOBILE except aeronautical mobile 5.317A	COM	7
890-915	FIXED MOBILE except aeronautical mobile 5.317A [Radiolocation]	COM	7



918– 1 427 MHz			
Frequency Band	Services	User Category	Conditions
918-925	FIXED MOBILE except aeronautical mobile 5.317A [Radiolocation]	COM/CIV	7
925-935	FIXED MOBILE except aeronautical mobile 5.317A [Radiolocation]	COM	7
935-960	FIXED MOBILE except aeronautical mobile 5.317A	COM	7
1215-1 240	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active) FIXED 5.330 MOBILE 5.330 RADIONAVIGATION 5.331 5.332	CIV	7
1 400-1 427	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	CIV	



1 452– 1 535MHz

Frequency Band	Services	User Category	Conditions
1 452-1 492	FIXED MOBILE except aeronautical mobile BROADCASTING 5.345 BROADCASTING-SATELLITE 5.345 5.347A 5.341	COM/CIV	7, 10
1 518-1 525	FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) 5.348 5.348C 5.341	COM/CIV	7, 10
1 525-1 530	SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A MOBILE except aeronautical mobile 5.349 [Earth exploration-satellite] 5.341 5.351 5.354	COM/CIV	7, 10, 11
1 530-1 535	SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A 5.353A [Earth exploration-satellite] [Fixed] [Mobile except aeronautical mobile] 5.341 5.351 5.354	COM/CIV	7, 10



1 535– 1 626.5 MHz			
Frequency Band	Services	User Category	Conditions
1 535-1 550	MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A 5.341 5.351 5.353A 5.354 5.356 5.357 5.357A	COM/CIV	10
1 550-1559	FIXED 5.359 MOBILE-SATELLITE (space-to-Earth) 5.347A 5.351A 5.341 5.351 5.354 5.357 5.357A	COM/CIV	7, 10
1 610-1 610.6	MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION FIXED 5.359 5.341 5.364 5.366 5.367 5.368 5.371 5.372	COM/CIV	7, 10
1610.6-1 613.8	MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY AERONAUTICAL RADIONAVIGATION FIXED 5.359 5.149 5.341 5.364 5.366 5.367 5.368 5.371 5.372	COM/CIV	7, 10
1613.8-1 626.5	MOBILE-SATELLITE (Earth-to-space) 5.351A AERONAUTICAL RADIONAVIGATION FIXED 5.359 [Mobile-satellite] (space-to-Earth) 5.347A 5.341 5.364 5.365 5.366 5.367 5.368 5.371 5.372	COM/CIV	7, 10



1 626.5 –1 670 MHz			
Frequency Band	Services	User Category	Conditions
1 626.5 –1 660	MOBILE-SATELLITE (Earth-to-space) 5.351A FIXED 5.359 5.341 5.351 5.353A 5.354 5.357A 5.374 5.375 5.376	COM/CIV	7, 10
1 660-1 660.5	MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY 5.149 5.341 5.351 5.354 5.376A	COM/CIV	10
1660.5-1 668	RADIO ASTRONOMY SPACE RESEARCH (passive) [Fixed] [Mobile except aeronautical mobile] 5.149 5.341 5.379A	CIV	7
1 668-1 668.4	MOBILE-SATELLITE (Earth-to-space) 5.348C 5.379B 5.379C RADIO ASTRONOMY SPACE RESEARCH (passive) [Fixed] [[Mobile except aeronautical mobile] 5.149 5.341 5.379A 5.379D	CIV	7
1 668.4-1 670	METEOROLOGICAL AIDS FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) 5.348C 5.379B 5.379C RADIO ASTRONOMY 5.149 5.341 5.379D 5.379E	CIV	7



1 670–1 800 MHz			
Frequency Band	Services	User Category	Conditions
1 670-1 675	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE 5.380 MOBILE-SATELLITE (Earth-to-space) 5.348C 5.379B 5.341 5.379D 5.379E 5.380A	CIV	7
1 675-1 690	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.341	CIV	7
1 690-1 700	METEOROLOGICAL AIDS METEOROLOGICAL SATELLITE (space-to-Earth) FIXED 5.382 MOBILE except aeronautical mobile 5.382 5.289 5.341	CIV	7
1 700-1 710	FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.289 5.341	CIV	7
1 710-1 785	FIXED MOBILE 5.384A 5.149 5.341 5.385	COM	7
1 785-1 800	FIXED MOBILE 5.384A 5.149 5.341	COM/CIV	1, 7, 10

1 800–2 483.5MHz			
Frequency Band	Services	User Category	Conditions
1 800-1 805	FIXED MOBILE 5.380 5.384A 5.149 5.341	COM/CIV	7, 10
1 805-1930	FIXED MOBILE 5.384A 5.388A 5.149 5.341 5.388	COM	1, 7, 12
1 930-1 980	FIXED MOBILE 5.388A 5.388	COM	7, 12
1 980-2 010	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.388 5.389A 5.389B 5.389F	COM	7
2 010-2 025	FIXED MOBILE 5.388A 5.388	COM	7, 12
2 110-2 120	FIXED MOBILE 5.388A SPACE RESEARCH (deep space) (Earth-to-space) 5.388	COM	7, 12
2 120-2 170	FIXED MOBILE 5.388A 5.388	COM	7, 12
2 170-2 200	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A 5.388 5.389A 5.389F	COM	7
2 300-2 400	FIXED MOBILE [Radiolocation] 5.150 5.282	COM	7
2 400-2 483.5	FIXED MOBILE [Radiolocation] 5.150	COM/CIV	1, 4, 5, 7, 10

2 483.5–2 690MHz			
Frequency Band	Services	User Category	Conditions
2 483.5-2 500	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A [Radiolocation] 5.150 5.371 5.398 5.399 5.402	COM/CIV	4, 7, 10
2 500-2 520	FIXED 5.409 5.410 5.411 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (space-to-Earth) 5.351A 5.403 5.407 5.414	COM	7
2 520-2 655	FIXED 5.409 5.410 5.411 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.413 5.416 5.339 5.403 5.417C 5.417D 5.418B 5.418C	COM	7
2 655-2 670	FIXED 5.409 5.410 5.411 MOBILE except aeronautical mobile 5.384A BROADCASTING-SATELLITE 5.347A 5.413 5.416 [Earth exploration-satellite] (passive) [Radio astronomy] [Space research] (passive) 5.149 5.420	COM	7
2 670-2 690	FIXED 5.409 5.410 5.411 MOBILE except aeronautical mobile 5.384A MOBILE-SATELLITE (Earth-to-space) 5.351A [Earth exploration-satellite] (passive) [Radio astronomy] [Space research] (passive) 5.149 5.419 5.420	COM	7



2 690–5350 MHz			
Frequency Band	Services	User Category	Conditions
2 690-2 700	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) FIXED 5.422 MOBILE except aeronautical mobile 5.422 5.340	CIV	7
3 400-3 600	FIXED FIXED-SATELLITE (space-to-Earth) [Mobile] [Radiolocation]	COM	
3 600-3 800	FIXED FIXED-SATELLITE (space-to-Earth) [Mobile]	COM/CIV	10
3 800-4 200	FIXED FIXED-SATELLITE (space-to-Earth) [Mobile]	COM/CIV	10
5 150-5 250	AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.447A MOBILE except aeronautical mobile 5.446A 5.446B 5.446 5.447B 5.447C	COM/CIV	1, 5, 10
5 250-5255	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.447D MOBILE except aeronautical mobile 5.446A 5.447F 5.448A	COM/CIV	1, 5, 10
5 255-5350	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) MOBILE except aeronautical mobile 5.446A 5.447F 5.448A	COM/CIV	1, 5, 10



5 725 – 7 235MHz

Frequency Band	Services	User Category	Conditions
5 725-5 830	FIXED 5.453 MOBILE 5.453 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION [Amateur] 5.150	COM/CIV	1, 4, 5, 10
5 830-5 850	FIXED 5.453 MOBILE 5.453 FIXED-SATELLITE (Earth-to-space) RADIOLOCATION [Amateur] [Amateur-satellite] (space-to-Earth) 5.150	COM/CIV	1, 4, 10
5 850-5 925	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.150	COM/CIV	1, 4, 10
5 925-6 700	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A MOBILE 5.149 5.440 5.458	COM/CIV	10, 13
6 700-7 075	FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441 MOBILE 5.458 5.458A 5.458B 5.458C	COM/CIV	10
7 075-7 145	FIXED MOBILE 5.458	COM/CIV	10, 14
7 145-7 235	FIXED MOBILE SPACE RESEARCH (Earth-to-space) 5.460 5.458	COM/CIV	10, 14



7 235– 8 500MHz			
Frequency Band	Services	User Category	Conditions
7 235-7 250	FIXED MOBILE 5.458	COM/CIV	10, 14
7 250-7 300	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE 5.461	COM/CIV	10, 14
7 300-7 450	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.461	COM/CIV	10, 14
8 025-8 175	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	COM/CIV	14
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	COM/CIV	10, 14
8 215-8 400	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	COM/CIV	10, 14
8 400-8 500	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) 5.465	COM/CIV	10, 14



10-10.68 GHz			
Frequency Band	Services	User Category	Conditions
10-10.23	FIXED MOBILE RADIOLOCATION [Amateur] 5.479	COM/CIV	10
10.23-10.45	FIXED MOBILE RADIOLOCATION [Amateur]	COM/CIV	10
10.45-10.5	RADIOLOCATION [Amateur] [Amateur-satellite]	CIV	
10.5-10.55	FIXED MOBILE [Radiolocation]	COM/CIV	1, 10
10.55-10.6	FIXED MOBILE except aeronautical mobile [Radiolocation]	COM/CIV	1, 10
10.6-10.68	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) [Radiolocation] 5.149	COM/CIV	10, 15



10.68-13.25GHz			
Frequency Band	Services	User Category	Conditions
10.68-10.7	FIXED 5.483 MOBILE except aeronautical mobile 5.483 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	CIV	
10.7-11.7	FIXED FIXED-SATELLITE (space-to-Earth) 5.441 5.484A (Earth-to-space) 5.484 MOBILE except aeronautical mobile	COM/CIV	10, 14
11.7-12.5	FIXED BROADCASTING BROADCASTING-SATELLITE MOBILE except aeronautical mobile 5.487 5.487A 5.492	COM/CIV	10
12.5-12.75	FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) FIXED 5.494 MOBILE except aeronautical mobile 5.494	COM/CIV	10
12.75-13.25	FIXED FIXED-SATELLITE (Earth-to-space) 5.441 MOBILE [Space research] (deep space) (space-to-Earth)	COM/CIV	10, 14



13.4-14.25GHz			
Frequency Band	Services	User Category	Conditions
13.4-13.75	EARTH EXPLORATION-SATELLITE (active) FIXED 5.500 MOBILE 5.500 RADIOLOCATION SPACE RESEARCH 5.501A [Standard frequency and time signal-satellite] (Earth-to-space) 5.501B	CIV	1
13.75-14	FIXED-SATELLITE (Earth-to-space) 5.484A FIXED 5.500 MOBILE 5.500 RADIOLOCATION [Earth exploration-satellite] [Standard frequency and time signal-satellite] (Earth-to-space) [Space research] 5.502 5.503	COM/CIV	1, 10
14-14.25	FIXED-SATELLITE (Earth-to-space) 5.457A 5.484A 5.506 5.506B FIXED 5.505 RADIONAVIGATION 5.504 [Mobile-satellite] (Earth-to-space) 5.506A [Space research] 5.504A	COM/CIV	10, 13, 16



14.25-14.47GHz			
Frequency Band	Services	User Category	Conditions
14.25-14.3	<p>FIXED-SATELLITE (Earth-to-space) 5.457A 5.484A 5.506 5.506B FIXED 5.505</p> <p>RADIONAVIGATION 5.504 [Mobile-satellite] (Earth-to-space) 5.506A</p> <p>[Space research] 5.504A</p>	COM/CIV	10, 13, 16
14.3-14.4	<p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.457A 5.484A 5.506 5.506B</p> <p>MOBILE except aeronautical mobile</p> <p>[Mobile-satellite] (Earth-to-space)5.506A</p> <p>[Radionavigation-satellite]</p> <p>5.504A</p>	COM/CIV	10, 13, 17
14.4-14.47	<p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.457A 5.484A 5.506 5.506B</p> <p>MOBILE except aeronautical mobile [Mobile-satellite] (Earth-to-space) 5.506A</p> <p>[Space research] (space-to-Earth) 5.504A</p>	COM/CIV	10, 13, 14, 17



14.47-15.4GHz			
Frequency Band	Services	User Category	Conditions
14.47-14.5	<p>FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.484A 5.506 5.506B</p> <p>MOBILE except aeronautical mobile [Mobile-satellite] (Earth-to-space) 5.504B 5.506A [Radio astronomy]</p> <p>5.149 5.504A</p>	COM/CIV	13, 14, 17
14.5-14.8	<p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.510</p> <p>MOBILE [Space research]</p>	COM/CIV	10, 14
14.8 - 15.35	<p>FIXED</p> <p>MOBILE [Space Research]</p> <p>5.339</p>	COM/CIV	14
15.35-15.4	<p>EARTH EXPLORATION-SATELLITE (passive)</p> <p>RADIO ASTRONOMY</p> <p>SPACE RESEARCH (passive) [Fixed] 5.511 [Mobile] 5.511 5.340</p>	CIV	

17.3- 19.4GHz

Frequency Band	Services	User Category	Conditions
17.3-17.7	FIXED-SATELLITE (Earth-to-space) 5.516 (space-to-Earth) 5.516A 5.516B [Radiolocation] [Fixed] 5.514 [Mobile]5.514	COM/CIV	
17.7-18.1	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A (Earth-to-space) 5.516 MOBILE	COM/CIV	
18.1-18.4	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B (Earth-to-space) 5.520 MOBILE 5.519	COM/CIV	
18.7-18.8	EARTH EXPLORATION SATELLITE (passive) FIXED FIXED-SATELLITE (space-to-Earth) 5.522B MOBILE except aeronautical mobile [Space research] (passive) 5.522A	COM/CIV	18
18.8-19.3	FIXED FIXED-SATELLITE (space-to-Earth) 5.516.B 5.523A MOBILE	COM/CIV	
19.3-19.4	FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 5.523B 5.523C 5.523D MOBILE	COM/CIV	

19.7- 22GHz			
Frequency Band	Services	User Category	Conditions
19.7-20.1	FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B FIXED 5.524 MOBILE 5.524 [Mobile-satellite] (space-to-Earth)	COM/CIV	
20.1-20.2	FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B MOBILE-SATELLITE (space-to-Earth) FIXED 5.524 MOBILE 5.524 5.525 5.526 5.527 5.528	COM/CIV	
20.2-21.2	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) [Standard frequency and time signal-satellite] (space-to-Earth) FIXED 5.524 MOBILE 5.524	COM/CIV	
21.2-21.4	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	CIV	14
21.4-22	FIXED MOBILE BROADCASTING-SATELLITE 5.347A 5.530	CIV	14



22.4- 27 GHz			
Frequency Band	Services	User Category	Conditions
22.4 – 22.5	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149 5.532	CIV	14
22.5-22.55	FIXED MOBILE	CIV	14
22.55-23.2	FIXED INTER-SATELLITE MOBILE 5.149	CIV	14
23.6-24	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	CIV	
24-24.05	AMATEUR AMATEUR-SATELLITE 5.150	CIV	1, 4
24.25-24.45	FIXED	CIV	
24.45-24.75	FIXED INTER-SATELLITE	COM/CIV	10
24.75-25.25	FIXED	COM/CIV	10
25.25-25.5	FIXED INTER-SATELLITE 5.536 MOBILE [Standard frequency and time signal-satellite] (Earth-to-space)	COM/CIV	10
25.5-27	EARTH EXPLORATION-SATELLITE (space-to Earth) 5.536A FIXED INTER-SATELLITE 5.536 MOBILE SPACE RESEARCH (space-to-Earth) 5.536A [Standard frequency and time signal-satellite] (Earth-to-space)	COM/CIV	10, 19, 20



27- 29.9GHz			
Frequency Band	Services	User Category	Conditions
27-27.5	FIXED INTER-SATELLITE 5.536 MOBILE	COM/CIV	10
27.5-28.5	FIXED FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 MOBILE 5.538 5.540	COM/CIV	10
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	COM/CIV	10
29.1-29.5	FIXED FIXED-SATELLITE (Earth-to-space) 5.516B 5.523C 5.523E 5.535A 5.539 5.541A MOBILE [Earth exploration-satellite] (Earth-to-space) 5.541 5.540	COM/CIV	
29.5 - 29.9	FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 [Earth exploration-satellite] (Earth-to-space) 5.541 [Mobile-satellite] (Earth-to-space) [Fixed] 5.542 [Mobile] 5.542 5.540	COM/CIV	



29.9- 34.2GHz			
Frequency Band	Services	User Category	Conditions
29.9-30	FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.539 MOBILE-SATELLITE (Earth-to-space) [Fixed] 5.542 [Mobile] 5.542 [Earth exploration-satellite] (Earth-to-space) 5.541 5.543 5.525 5.526 5.527 5.538 5.540	COM/CIV	
30-31	FIXED-SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) [Standard frequency and time signal-satellite] (space-to-Earth) [Fixed] 5.542 [Mobile] 5.542	COM/CIV	
31.3-31.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	CIV	
32.06-32.3	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 5.547 5.548	COM/CIV	10
32.3-32.63	FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547 5.548	COM/CIV	10
32.9-33	FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547 5.548	COM/CIV	10
33-33.4	FIXED 5.547A RADIONAVIGATION 5.547	COM/CIV	10
33.4-34.2	RADIOLOCATION FIXED 5.549 MOBILE 5.549	COM/CIV	10



35.2- 37.5GHz			
Frequency Band	Services	User Category	Conditions
35.2-35.5	METEOROLOGICAL AIDS RADIOLOCATION FIXED 5.549 MOBILE 5.549	CIV	
35.5-36	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) FIXED 5.549 MOBILE 5.549 5.549A	CIV	
36-37	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.149	CIV	
37-37.5	FIXED MOBILE SPACE RESEARCH (space-to-Earth) 5.547	COM/CIV	10



37.5- 41GHz			
Frequency Band	Services	User Category	Conditions
37.5-38	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (space-to-Earth) [Earth exploration-satellite] (space-to-Earth) 5.547	COM/CIV	10
38-39.5	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE [Earth exploration-satellite] (space-to-Earth) 5.547	COM/CIV	10
39.5-40	FIXED FIXED-SATELLITE (space-to-Earth) 5.516B MOBILE MOBILE-SATELLITE (space-to-Earth) [Earth exploration-satellite] (space-to-Earth) 5.547	COM/CIV	10
40-40.5	EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) 5.516B MOBILE MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) [Earth exploration-satellite] (space-to-Earth)	COM/CIV	10
40.5-41	FIXED FIXED-SATELLITE (space-to-Earth) BROADCASTING BROADCASTING-SATELLITE [Mobile] 5.547	COM/CIV	10

41- 47.9GHz			
Frequency Band	Services	User Category	Conditions
41-42.5	FIXED FIXED-SATELLITE (space-to-Earth) 5.516B BROADCASTING BROADCASTING-SATELLITE [Mobile] 5.547 5.551H 5.551I	COM/CIV	10
42.5-43.5	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.547	COM/CIV	10
47-47.2	AMATEUR AMATEUR-SATELLITE	CIV	
47.2-47.5	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE 5.552A	COM/CIV	10
47.5-47.9	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 (space-to-Earth) 5.516B 5.554A MOBILE	COM/CIV	10



47.9- 52.6GHz			
Frequency Band	Services	User Category	Conditions
47.9-48.2	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE 5.552A	COM/CIV	10
48.2-48.54	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 (space-to-Earth) 5.516B 5.554A 5.555B MOBILE	COM/CIV	10
48.54-49.44	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE 5.149 5.340 5.555	COM/CIV	10
49.44-50.2	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 (space-to-Earth) 5.516B 5.554A 5.555B MOBILE	COM/CIV	10
50.2-50.4	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340	CIV	
51.4-52.6	FIXED MOBILE 5.547 5.556	COM/CIV	10



52.6- 59GHz			
Frequency Band	Services	User Category	Conditions
52.6-54.25	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 5.556	COM/CIV	10
54.25-55.78	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive)	COM/CIV	10
55.78-56.9	EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547	COM/CIV	10
56.9-57	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (passive) 5.547	COM/CIV	10
57-58.2	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547	COM/CIV	10
58.2-59	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.547 5.556	COM/CIV	



64- 86GHz			
Frequency Band	Services	User Category	Conditions
64-65	FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.547 5.556	CIV	
65-66	EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547	CIV	
66-71	INTER-SATELLITE MOBILE 5.553 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554	CIV	
74-76	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE BROADCASTING BROADCASTING-SATELLITE [Space research] (space-to-Earth) 5.559A 5.561	COM/CIV	
76-77.5	RADIO ASTRONOMY RADIOLOCATION [Amateur] [Amateur-satellite] [Space research] (space-to-Earth) 5.149	CIV	1
77.5-78	AMATEUR AMATEUR-SATELLITE [Radio astronomy] [Space research] (space-to-Earth) 5.149	CIV	



84- 86GHz			
Frequency Band	Services	User Category	Conditions
84-86	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149	COM/CIV	

PART II

NATIONAL FOOTNOTES

This part contains the National Footnotes, and the serial number corresponds to the footnote reference in the National Table

01. The following bands can also be used for Short Range Devices (SRD) that are subject to CITC conditions.

9 - 148.5 kHz	285-322 MHz	2400 – 2483.5 MHz	24.0 – 24.25 GHz
3155 – 3400 kHz	48.76 - 49.990 MHz	5150 – 5350 MHz	63 – 64 GHz
6765 - 6795 kHz	173.965 - 216 MHz	5470 – 5875 MHz	76 – 77 GHz
7400 - 8800 kHz	402 - 405 MHz	9200 - 9975 MHz	122 – 123 GHz
13.553 - 13.567 kHz	433.05 - 434.79 MHz	10.5 - 10.6 GHz	244 – 246 GHz
26.957 - 27.283 MHz	470 - 872 MHz	13.4 - 14.0 GHz	
29.7 - 47 MHz	1785 – 1800 MHz	17.1 – 17.3 GHz	
	1880 – 1900 MHz		

02. The following International distress frequencies, frequencies for meteorological and navigational warning, for search and rescue operations etc, can be used by all categories of users but exclusively for these specific communications associated with the safety of life and property.

490 kHz	4 210 kHz	10 003 kHz	19 993 kHz
500 kHz	5 680 kHz	12 290 kHz	22 376 kHz
518 kHz	6 215 kHz	12 520 kHz	26 100.5 kHz
2 174.5 kHz	6 268 kHz	12 577 kHz	121.5 MHz
2 182 kHz	6 312 kHz	12 579 kHz	123.1 MHz
2187.5 kHz	6 314 kHz	14 993 kHz	156.525 MHz
3 023 kHz	8 291 kHz	16 420 kHz	156.8 MHz
4 125 kHz	8 364 kHz	16 695 kHz	243 MHz
4 177.5 kHz	8 376.5 kHz	16 804.5 kHz	75 MHz
4 207.5 kHz	8 414.5 kHz	16 806.5 kHz	406-406.1 MHz
4 209.5 kHz	8 416.5 kHz	19 680.5 kHz	

03. Amateur bands in the event of natural disaster may be used by non-amateur users to meet the needs of communications in disaster area.

04. The following bands are designated for Industrial, Scientific, and Medical (ISM) applications:

Usages of these Bands require special authorization by CITC	Usages of these Bands do not require special authorization by CITC
6 765-6 795 kHz (centre fr. 6 780 kHz), 433.05-434.79 MHz (centre fr. 433.92 MHz), 61-61.3 GHz (centre fr. 61.25 GHz), 122-123 GHz (centre fr. 122.5 GHz), 244-246 GHz (centre fr. 245 GHz)	13 553-13 567 kHz (centre fr. 13 560 kHz), 26 957-27 283 kHz (centre fr. 27 120 kHz), 40.66-40.70 MHz (centre fr. 40.68 MHz), 2 400-2 500 MHz (centre fr. 2 450 MHz), 5 725-5 875 MHz (centre fr. 5 800 MHz), 24-24.25 GHz (centre fr. 24.125 GHz)

05. This band is license exempted provided that transmitters comply with CITC Guidelines for such exemption. Otherwise relevant frequency assignments should be obtained.

06. Frequency range 26.965 – 27.405 MHz can also be used for Citizen-Band (CB) application in accordance with CITC guidelines.

07. New frequency assignments for fixed point-to-point radio links below (3) GHz frequency range are not permitted.

08. Stations of the mobile-satellite service in the band 148-149.9 MHz shall not cause harmful interference to, or claim protection from, stations of the fixed or mobile services operating in accordance to the National Table and the International Radio Regulations.

09. Stations of mobile service in the band 790-830 MHz and in the band 830-862 MHz shall not cause harmful interference to, or claim protection from, stations referred to in RR No. **5.316**.

10. This band is allocated to (COM) User Category. Frequencies in this band could be assigned for (CIV) users on temporary basis in areas where commercial services are not available. This assignment should be cancelled as soon as the commercial services become available.

11. In the band 1 525-1 530 MHz, stations in the mobile-satellite service, except stations in the maritime-satellite service, shall not cause harmful interference to, or claim protection from, stations of the fixed service in Saudi Arabia notified prior to 1 April 1998 in accordance with RR No. **5.352A**

12. The power flux-density of a co-channel of a High Altitude Platform Stations (HAPS) operating as a base station in neighboring countries in the bands referred to in RR **5.388A** shall not exceed (-127) dB (W/(m².MHz)) at the Earth's surface outside the Country's borders unless explicit agreement with

the affected administration at the time of the notification of HAPS. (see RR No. **5.388B**),

13. In the bands 5925-6425 MHz and 14-14.5 GHz, earth stations located on board vessels may operate with the characteristics and under the conditions contained in Resolution **902 (WRC-03)** in the maritime mobile-satellite service on a secondary basis. (see RR No. **5.457B**).

14. This band accommodates existing assignments to fixed point-to-point radio links (radio relay systems). This use for this particular application is subject to justified requirements and the necessary coordination. This provision is not extended to other fixed applications and to other services and their applications in this band.

15. Stations of the fixed and mobile, except aeronautical mobile, services shall be limited to a maximum equivalent isotropically radiated power of 40dBW. The power delivered to the antenna shall not exceed (– 3) dBW. These limits may be exceeded subject to agreement obtained under RR No. 9.21. However, the restrictions on the fixed and mobile, except aeronautical mobile, services are not applicable. (see RR No. **5.482**)

16. In the band 14.25-14.3 GHz, the power flux-density produced by earth station on an aircraft in the aeronautical mobile-satellite service shall not exceed the limits given in Annex 1, Part B of Recommendation ITU-R M.1643, unless otherwise specifically agreed in accordance with RR No. **5.504C** and No. **5.508A**.

17. In the band 14.3-14.5 GHz, the power flux-density produced by earth station on an aircraft in the aeronautical mobile-satellite service shall not exceed the limits given in Annex 1, Part B of the Recommendation ITU-R M.1643, unless otherwise specifically agreed by the affected entities.(see RR No. **5.509A**)

18. In the band 18.6-18.8 GHz, fixed-service systems in operation at the date of entry into force of the Final Acts of WRC-2000 are subject to RR (see RR No. **5.522C**).

19. Earth stations operating in the Earth exploration-satellite service in the band 25.5 - 27 GHz shall not claim protection from, or constrain the use and deployment of, stations of the fixed and mobile services in the Kingdom of Saudi Arabia (see RR No. **5.536B**).

20. Earth stations operating in the space research service in the band 25.5 – 27 GHz shall not claim protection from, or constrain the use and deployment of, stations of the fixed and mobile services (see RR No. **5.536C**).

PART III

Generic Frequency Reassignment Timeframe

Frequency band	Proposed reassignment actions and preferable periods
9 kHz – 380 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
380 – 400 MHz	Reassignment campaign within 2 years in accordance with relevant CITC regulations
400 – 410 MHz	Routine reassignment process in accordance with the NFP to be completed in a 3 year period
410 – 430 MHz	Reassignment campaign within 2 years in accordance with relevant CITC regulations
430 – 450 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
450 – 470 MHz	Reassignment campaign within 3 years in accordance with relevant CITC regulations
470 – 806 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
806 – 824 MHz paired with 851-869 MHz	Reassignment campaign within 3 years in accordance with relevant CITC regulations
824 – 851 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
870 – 876 MHz paired with 915 – 921 MHz	Refarming campaign within 3 years in accordance with relevant CITC regulations

876 – 880 MHz paired with 921 - 925 MHz	Reassignment campaign within 3 years in accordance with relevant CITC regulations
880 – 890 MHz paired with 925 - 935 MHz	Reassignment campaign within 3 years in accordance with relevant CITC regulations
890 – 915 MHz paired with 935 - 960 MHz	Reassignment campaign within 2 years in accordance with relevant CITC regulations
960 – 1710 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period¹
1710 – 1785 MHz paired with 1805 – 1880 MHz	Reassignment campaign within 2 years in accordance with relevant CITC regulations
1785 – 1805 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 years period
1920 – 1980 MHz paired with 2110 – 2170 MHz and 2010 – 2025 MHz for TDD	Reassignment campaign within 3 years in accordance with relevant CITC regulations .
2170 – 2400 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
2400 – 2480 MHz	This band can be cleared within a routine reassignment process in accordance with the NFP in a 5 year period
2500-2690 MHz	Reassignment campaign within 3 years in accordance with relevant CITC regulations
2690-3400 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
3400 – 3800 MHz	Reassignment campaign within 2 years in accordance with relevant CITC regulations

3800 – 5150 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
5150 – 5350 MHz	Decision on clearing this band can be made later upon decision on starting date of its use for FWA
5350 – 5725 MHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
5725 – 5850 MHz	Reassignment campaign within 3 years in accordance with relevant CITC regulations
5850 MHz – 10.0 GHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period
10-10.45 GHz	Reassignment campaign within 3 years in accordance with relevant CITC regulations
10.5 – 10.68 GHz	Refarming campaign within 3 years in accordance with relevant CITC regulations
10.68-1000 GHz	Routine reassignment process in accordance with the NFP to be completed in a 5 year period