

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] 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</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) 5.504B 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 | <p>FIXED</p> <p>FIXED-SATELLITE (space-to-Earth) 5.516B</p> <p>BROADCASTING</p> <p>BROADCASTING-SATELLITE [Mobile]</p> <p>5.547 5.551H 5.551I</p> | COM/CIV | 10 |
| 42.5-43.5 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.552</p> <p>MOBILE except aeronautical mobile</p> <p>RADIO ASTRONOMY</p> <p>5.149 5.547</p> | COM/CIV | 10 |
| 47-47.2 | <p>AMATEUR</p> <p>AMATEUR-SATELLITE</p> | CIV | |
| 47.2-47.5 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.552</p> <p>MOBILE</p> <p>5.552A</p> | COM/CIV | 10 |
| 47.5-47.9 | <p>FIXED</p> <p>FIXED-SATELLITE (Earth-to-space) 5.552 (space-to-Earth) 5.516B 5.554A</p> <p>MOBILE</p> | 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 |