



هيئة الاتصالات والفضاء والتقنية
Communications, Space &
Technology Commission

**Public Consultation On:
National Frequency Plan of the
Kingdom of Saudi Arabia**

December 2025

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1. Preface

The National Frequency Plan (NFP) includes details of how spectrum is allocated to Radiocommunication Services in the Kingdom of Saudi Arabia, the considerations that guide spectrum allocation policy, and incorporates the articles governing spectrum allocations. The NFP is CST's principal instrument for managing the allocation of spectrum to different Radiocommunication Services. It also sets out which user has access to a particular spectrum band, provides details on the applicable regulations, and any applicable international requirements.

The current NFP was last revised in 2019 and reflected the spectrum management decisions of the time. With the evolution of spectrum use over the last years, as well as the need for more efficient use of spectrum and the potential for sharing in some bands, CST has reviewed and revised the NFP, taking into account developments in wireless technologies and changing demand for spectrum access in the Kingdom as well as international developments such as the previous World Radio Conference (WRC-23).

Within the Kingdom, the NFP is used to describe the bands allocated to different radio services and users. It is an essential initial input in identifying the frequency bands that may potentially be used for a service, subject to current and future utilisation, and is referred to when making policy decisions and international harmonisation.

2. Proposed changes to the previous NFP

CST is revising the NFP in a number of ways. The below list sets out the main changes to the previous NFP.

- Provided an overview of how international and national allocations are related.
- Revised how primary and secondary services are defined.
- Updated the structure of the NFAT and included a new column called 'user category' to clarify user category access to the band.
- Identified new user categories, beyond the previous ones, to better reflect the nature of uses and how to manage them.

- Reviewed the previous articles, appendices, and footnotes in the NFP and updated them.
- Removed references to specific ITU Radio Regulations Appendices, such as for ISM and GMDSS, in the updated NFP document, apart from in the table of the NFAT itself.

Questions for stakeholders

1. Do you agree with the changes proposed in this section? If not, please explain why.
2. Are there any changes that should be made other than those mentioned in this section?
3. Is there any information in the NFP that should be further explained in an appendix?
4. Do you see a need to include information from either national or international sources in an appendix? If so, please elaborate and justify any additions in your response to this question.
5. Do you propose adding references to specific ITU Radio Regulations Appendices? Some countries include annexes with references to the ITU Radio Regulations Appendices. These often cover frequency allotment plans, maritime, and ISM. However, many other countries do not include specific references in their NFP documents.
6. To avoid possible confusion between the NFP and its appendices containing the NFAT, do you support renaming the document to “National Frequency Allocation Table (NFAT)”? If so, please provide your rationale for this change, and if not, kindly explain why retaining the current name “NFP” would be preferable in your response.

3. The structure of the National Frequency Plan

The NFP document constitutes two parts:

- The Articles, which sets out the structure and purpose of the document, alignment with international and national frameworks, the user categories, and the way in which the NFP is governed.
- Appendices, which contains the NFAT with information on all spectrum bands ranging from 8.3 kHz to 3000 GHz, except for 0–8.3 kHz and 275–3000 GHz, where there are currently no allocations. Spectrum is divided into discrete bands, following the ITU RR Article 5 approach, and each of these bands has a row in the table.

In order to more accurately reflect how spectrum is used in the Kingdom, the structure and content of the NFP have been revised. The changes are set out further in the following sub-sections.

3.1 NFP Articles

The Articles set the framework for the NFP by defining its purpose, alignment with international and national allocations, user categories and user access, and the governance, revision, and enforcement. The changes to the Articles include revising the definitions and scope to reflect the current regulatory framework, expanding on primary and secondary services, codifying user categories and user access with detailed national footnotes, establishing provisions on the NFAT's spectrum usage and notes references, and revising and consolidating the procedures for NFP governance and revision.

Questions for stakeholders

7. Do you agree with the changes proposed in to the Articles? If not, please explain why.
8. Are there additional changes to the Articles that you believe should be considered?
9. Are there sections of the Articles that would benefit from further clarification?

3.2 International and national spectrum allocations of the NFAT

Column 1 in the NFAT, which sets out the allocation and identification of spectrum from the ITU Radio Regulations related to Region 1, is being retained. Allocations related to Regions 2 and 3 are not included, since these are not directly considered when determining the allocations in the Kingdom. In addition, the previous NFAT included all international footnotes related to each band. Some footnotes may relate to exceptions to the allocations set out in the ITU RR; for example, a country or countries may have made a band available for a different service that is not harmonised with the rest of the Region(s). In order to make the NFAT more useful, all international footnotes which are irrelevant to Saudi Arabia have been removed. This approach allows the NFAT to remain a reasonable size without including unnecessary information. Column 2 in the NFAT, which sets out the allocation of spectrum in the Kingdom is being retained.

Questions for stakeholders

10. Do you agree that only the ITU RR allocations for Region 1 should be included in the NFAT? If not, please specify in your response to this question how the ITU RR allocations for Regions 2 and 3 would help in your use of the NFAT.
11. Do you agree that the NFAT should only include international footnotes and references which are specific to the Kingdom of Saudi Arabia? If not, please explain in your response to this question which footnotes you would like to have included and how this would help you in your use of the NFAT.
12. Are there any bands where you believe the current allocation of spectrum should be reviewed by CST? (Please specify in your response to this question the frequency band, proposed changes, and the rationale and evidence for the proposal)
13. Are there any spectrum policies which you believe should influence the allocation of spectrum in any band? If so, please provide details of these references in your response to this question.

3.3 Identification of the user category and user access

In the previous NFP it is possible to identify the access of users to spectrum as follows:

- a) A band which is identified for users in the Government category is indicated with 'Government Use' in the column 'Usage' (third column).

- b) A band which is identified for users in both the Government as well as the Civil category is indicated with the national footnote KSA 03 in the column 'KSA Band Allocations and Footnotes' (second column).
- c) A band which is not identified as per (a) or (b) is identified exclusively for users in the Civil category.

To provide a consistent approach and greater clarity, it is proposed to identify all user categories through footnotes included as a new column in the NFAT called "user access category." These footnotes are set out in Table 1.

TABLE 1: USER CATEGORIES

User Access Category Footnotes	Description
KSA1	This band is designated for civilian use only. Government use is not permitted.
KSA2	This band is designated for government use only. Civilian use is not permitted.
KSA3	This band is designated for civilian use. Government use may be permitted only with prior approval from CST and under coordination terms agreed upon with CST.
KSA4	This band is accessible to both government and civilian users in accordance with the technical and operational conditions set by CST. CST oversees assignment coordination to ensure sharing and fair access, avoid congestion, and support national spectrum policy objectives. Sharing may be enabled through mechanisms such as, but not limited to, time-based access, geographic limitations, database solutions, and through specification of technical requirements.
KSA5	This band is designated for government use. Civilian use may be permitted only with prior approval from CST and under coordination terms agreed upon with CST.

Questions for stakeholders

14. Do you agree with the footnotes above as a replacement for the previous approach of identifying bands as being accessed by civil, government or shared? If not, please explain in your response to this question your preferred alternative categorisation and how this would help you in your use of the NFP.
15. Do you propose identifying a new user category other than those mentioned in Table 1? If yes, please explain in your response to this question the basis of your proposal.
16. Do you agree that it is essential to provide user access category information per band in a publicly available document?
17. For public consultation purposes, the user access category column will not be included in the NFAT at this stage, as CST will rely on public input to inform the decision for adding a user access category footnote for each band. Please propose adding the appropriate footnotes from Table 1 to your bands of interest. Please explain the basis of the proposals and the nature of use. (Please specify the frequency band, proposed changes, and the rationale and evidence for the proposal in your response to this question)

3.4 Usage and notes references

The last two columns in the NFAT consolidate and standardise information that is useful for stakeholders to refer to. The “Usage” column includes information on the applications that are common in the band. The Usage column is for informational purposes only and does not limit the current or potential use of spectrum in a particular band unless stated otherwise. The “Notes” column includes references to national regulations and plans, international harmonisation decisions and references, and other external documents. Further details of the contents of these columns are included in the Appendices of the NFP.

Questions for stakeholders

18. Do you agree with the approach of including information on usage and notes references within the document?
19. Is there any additional information which you would find useful to have included in the NFAT? Please explain in your response to this question how any such information would help you in your use of the NFP.

Questions for stakeholders

20. Are there any applications that you consider should be included in the usage column? Please explain why you think they should be added.
21. Are there any bands where you believe the current usage or notes column should be reviewed by CST? (Please specify in your response to this question the frequency band, proposed changes, and the rationale and evidence for the proposal)
22. Were the national footnotes in the previous NFP useful in your use of the NFP? Is there a need to keep them, amend them, or add new similar national footnotes?

National Frequency Plan of the Kingdom of Saudi Arabia

November 2025



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Communications, Space &
Technology Commission

Article 01 – Definitions

Definition	Description
KSA	Kingdom of Saudi Arabia
Telecommunications and Information Technology Law	The Telecommunications and Information Technology Law issued by Royal Decree No. (M/106) and dated 2/11/1443 AH corresponding to 1/6/2022 and its amendments
CST	Communications, Space and Technology Commission
Ordinance	CST Ordinance issued under the Council of Ministers resolution No. (74) dated 05/03/1422 AH corresponding to 27/05/2011 and its amendments
NFP	National Frequency Plan in the Kingdom of Saudi Arabia
NFAT	National Frequency Allocation Table in the Kingdom of Saudi Arabia
ITU	International Telecommunication Union
RR	Radio Regulations issued by ITU
National Footnote	Footnotes mentioned in the NFAT denoted by the Prefix (KSA XX)
International Footnote	Footnotes included in the Radio Regulations
Radiocommunication Service	The Radiocommunication services as defined in the RR which involves the transmission, emission, and/or reception of radio waves for specific telecommunication purposes

Article 02 – Introduction

1. The radio spectrum is a scarce and strategic national resource. Therefore, it is essential that its utilization be conducted in a manner that ensures maximum efficiency and effectiveness.
2. The NFP is the key tool in allocation of the radio spectrum in Kingdom. It divides the radio spectrum into a number of optimally sized frequency bands in the NFAT and specifies the general purposes for which these bands may be used under certain conditions. This process is referred to as the allocation of frequency bands for Radiocommunication services. The NFP allocates spectrum to reflect national regulatory policy and national objectives.
3. The NFP constitutes two parts, the Articles and Appendices that include the NFAT and supporting text.
4. The NFP is developed, updated, and approved in accordance with the relevant national legislation, taking into account the international agreements to which KSA is a party.
5. The NFP is developed based on Article (10) of the Act and Articles (14) and (15) of the Ordinance, reflecting the Kingdom's current and anticipated future spectrum requirements.
6. The following objectives apply particularly to management of the radio spectrum:
 - To achieve optimum utilization of this radio spectrum resource.
 - To establish a regulatory framework that promotes and ensures the fair and efficient allocation of radio services.
 - To meet the national need of radio spectrum taking into account the strategic national objectives.
 - To provide clarity and transparency on the governance of the NFP and the procedures for radio spectrum allocation.

Article 03 – International and National Allocations

1. The KSA is a signatory to the Constitution and Convention of the ITU.
2. The RR's Table of Frequency Allocations lists frequency bands allocated to Radiocommunication services according to three geographic ITU Regions, as described in Appendix 1. Those Regions are defined as ITU Region 1, Region 2 and Region 3. KSA is part of ITU Region 1.
3. The first column includes the international allocations of Radiocommunication services and footnotes for Region 1 that apply to the KSA in accordance with Article 5 of the RR.
4. The second column of the NFAT includes the national frequency allocations of Radiocommunication services as well as the associated international footnotes.
5. Radiocommunication services consists of primary and secondary services.
6. Primary services are indicated through capital letters (for example, MOBILE) and secondary services through lower case letters (for example, Mobile). Where a service is stated in capital letters but is followed by additional descriptions in lower case, the service is also a primary service. Lower-case qualifiers specify limitations on the scope of a primary service. For example, "MOBILE except aeronautical mobile (R)" means MOBILE remains a primary allocation in the band, but the aeronautical mobile (R) application is explicitly excluded.
7. The order of the listed services does not suggest any order of priority. Both primary and secondary services can be specified in a band.
8. A primary service has priority and a right to protection from interference from other services in a band.
9. A secondary service must not cause harmful interference to a primary service using the frequency band, including a primary service that starts to use the frequency band after the secondary service starts.
10. A secondary service cannot claim protection from harmful interference caused by a primary service using the frequency band, including a primary service that starts to use the frequency band after the secondary service starts.

11. A secondary service may claim protection from harmful interference caused by another secondary service that is using the frequency band and was licensed after the first-mentioned secondary service.

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Article 04 – Spectrum user categories in the NFAT

1. The NFP consists of two categories of users, Government and Civil.
2. The Government category refers to security and defence governmental entities.
3. The Civil category refer to the following:
 - Civilian Governmental Entities.
 - Licenced Service Providers.
 - International Organizations.
 - Private enterprises, organizations and entities.
 - Individuals.
4. In the NFAT, the access of the two user categories for each band is identified in the user category column.
5. The first two national footnotes identify either Government or Civil use only.
6. The third, fourth and fifth national footnotes identify shared use, but with different prioritisation and restrictions on use.
7. The national footnotes are as follows:
 - **KSA 1:** This band is designated for civilian use only. Government use is not permitted.
 - **KSA 2:** This band is designated for government use only. Civilian use is not permitted.
 - **KSA 3:** This band is designated for civilian use. Government use may be permitted only with prior approval from CST and under coordination terms agreed upon with CST.
 - **KSA 4:** This band is accessible to both government and civilian users in accordance with the technical and operational conditions set by CST. CST oversees assignment coordination to ensure sharing and fair access, avoid congestion, and support national spectrum policy objectives. Sharing may be enabled through mechanisms such as, but not limited to, time-based access, geographic limitations, database solutions, and through specification of technical requirements.

- **KSA 5:** This band is designated for government use. Civilian use may be permitted only with prior approval from CST and under coordination terms agreed upon with CST.

Public Consultation

Article 05 – Usage and Notes References

1. The usage column in the NFAT Indicates information on the current or future applications related to the allocated radio services in a band in KSA.
2. The indication of the usage does not mean that it is limited and exclusive to it in each band unless stated otherwise.
3. The notes column in the NFAT Indicates references to national regulations and plans, international harmonization decisions and references, and other external documents.
4. Blanks in the usage and notes column do not mean that the frequency band is not used for any service or is not regulated.

Article 06 – NFP governance

1. Radio spectrum use and licensing in the KSA shall be in accordance to the NFP unless it is for trial purposes in accordance to the procedures defined by CST.
2. CST shall revise and update the NFP to reflect national requirements, market developments, advancements in the radiocommunication sector, and the outcomes of relevant decisions adopted and ratified by successive WRCs.
3. CST approves the changes to the NFP that include changes to its contents, excluding changes to the “user category” column. Approval of any modifications to the “user category” column shall be made in accordance with the relevant national legislations and regulatory frameworks.
4. CST is responsible for developing implementation plans to address existing uses which do not conform with the NFAT. Spectrum users shall adhere to the implementation plans to conform with the NFP.
5. Spectrum users shall bear the cost of modification or replacement of equipment caused by the implementation plan.

Article 07 – Date of enforcement

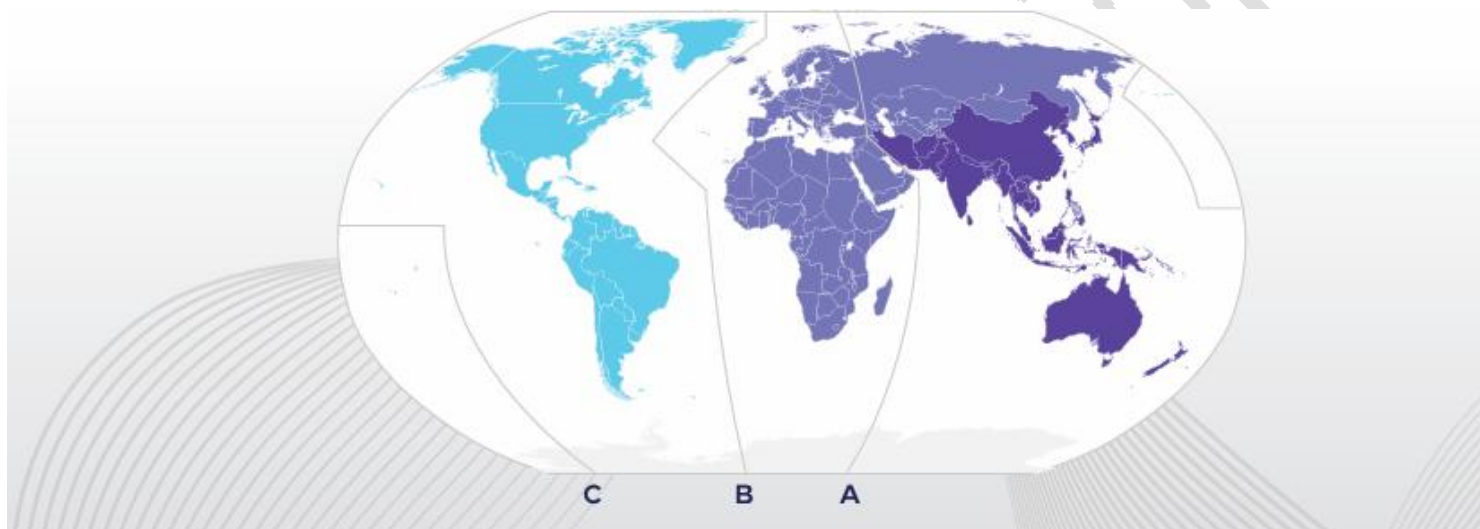
The approved revision of the NFP takes effect after 90 days from the date of the approval.

Public Consultation

Appendix 1: Details of The National Frequency Allocation Table (NFAT)

1. ITU Regions

For the allocation of the bands of frequencies the world has been divided into three ITU Regions as shown on the following map:



Region (1) includes the area limited on the east by line A and on the west by line B. It also includes a number of territories which lie between lines A and C

Region (2) includes the area limited on the east by line B and on the west by line C

Region (3) includes certain territories limited on the east by line C and on the west by line A

2. Structure of the NFAT

The structure of the NFAT consists of five columns and the contents of these columns are shown in The Table below. The NFAT is divided into rows, corresponding to those in Article 5 of the ITU Radio Regulations for Region 1, where the KSA is located.

Column	Heading	Function
1	ITU Region 1 band allocation and footnotes	<ul style="list-style-type: none">Identifies the allocations and footnotes provided in Article 5 of the ITU Radio Regulations Region 1, excluding any that do not apply to KSAAllocation-specific footnotes are listed directly after the allocationAllocation-generic footnotes are listed below all allocations for a given frequency rangePrimary services are capitalized while secondary services are listed in lower case (see Article 03)
2	KSA band allocation and footnotes	<ul style="list-style-type: none">Identifies allocations and footnotes that apply to the KSAAllocation-specific footnotes are listed directly after the allocationAllocation-generic footnotes are listed below all allocations for a given frequency rangePrimary services are capitalized while secondary services are listed in lower case (see Article 03)
3	User Category (Not included in this public consultation)	<ul style="list-style-type: none">Identifies user access category for each bandThere are five footnotes that identifies user access category to a band (see Article 4)
4	Usage	<ul style="list-style-type: none">Indicates information on the current or future applications related to the allocated radio services in a band in KSAThe indication of the usage does not mean that it is limited and exclusive to it in each band unless stated otherwiseBlanks do not mean that the frequency band is not used for any service (see Article 5)

Column	Heading	Function
5	Notes	<ul style="list-style-type: none"> Indicates references to national regulations and plans, international harmonisation decisions and references, and other external documents Blanks do not mean that the frequency band is not regulated or has no plans (see Article 5)

Appendix 2: Details of The National Frequency Allocation Table (NFAT)

1. National Frequency Allocation Table

For Radio Regulations Annex X in the Notes Column, please refer to CST's Frequency Spectrum Regulations for Radio Services and Applications document.

ITU Region 1	KSA Band Allocation	Usage	Notes
0 - 8.3 kHz			
(Not allocated) 5.53 5.54	(Not allocated) 5.53 5.54		
8.3 - 9 kHz			
METEOROLOGICAL AIDS 5.54A 5.54B	METEOROLOGICAL AIDS 5.54A FIXED 5.54B MOBILE 5.54B RADIONAVIGATION 5.54B		
9 - 11.3 kHz			
METEOROLOGICAL AIDS 5.54A RADIONAVIGATION	METEOROLOGICAL AIDS 5.54A RADIONAVIGATION	Short Range Devices Active medical implants, Inductive applications	
11.3 - 14 kHz			
RADIONAVIGATION	RADIONAVIGATION	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
14 - 19.95 kHz			
FIXED MARITIME MOBILE 5.57 5.56	FIXED MARITIME MOBILE 5.57 5.56	Short Range Devices Active medical implants, Inductive applications	

ITU Region 1	KSA Band Allocation	Usage	Notes
19.95 – 20.05 kHz			
STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (20 kHz)	Short Range Devices Active medical implants, Inductive applications	
20.05 – 70 kHz			
FIXED	FIXED	Short Range Devices Active medical implants, Inductive applications	
MARITIME MOBILE 5.57 5.56	MARITIME MOBILE 5.57 5.56		
70 – 72 kHz			
RADIONAVIGATION 5.60	RADIONAVIGATION 5.60	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
72 – 84 kHz			
FIXED MARITIME MOBILE 5.57 RADIONAVIGATION 5.60 5.56	FIXED MARITIME MOBILE 5.57 RADIONAVIGATION 5.60 5.56	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
84 – 86 kHz			
RADIONAVIGATION 5.60	RADIONAVIGATION 5.60	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
86 – 90 kHz			
FIXED MARITIME MOBILE 5.57 RADIONAVIGATION 5.56	FIXED MARITIME MOBILE 5.57 RADIONAVIGATION 5.56	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
90 – 110 kHz			
RADIONAVIGATION 5.62 Fixed	RADIONAVIGATION 5.62 Fixed	Short Range Devices Active medical implants, Inductive applications Maritime navigation	Radio Regulations Annex 3 (Maritime)

ITU Region 1	KSA Band Allocation	Usage	Notes
5.64	5.64		
110 – 112 kHz			
FIXED MARITIME MOBILE RADIONAVIGATION 5.64	FIXED MARITIME MOBILE RADIONAVIGATION 5.64	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
112 – 115 kHz			
RADIONAVIGATION 5.60	RADIONAVIGATION 5.60	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
115 – 117.6 kHz			
RADIONAVIGATION 5.60 Fixed Maritime mobile 5.64	RADIONAVIGATION 5.60 Fixed Maritime mobile 5.64	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
117.6 – 126 kHz			
FIXED MARITIME MOBILE RADIONAVIGATION 5.60 5.64	FIXED MARITIME MOBILE RADIONAVIGATION 5.60 5.64	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
126 – 129 kHz			
RADIONAVIGATION 5.60	RADIONAVIGATION 5.60	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)
129 – 130 kHz			
FIXED MARITIME MOBILE	FIXED MARITIME MOBILE	Short Range Devices Active medical implants, Inductive applications	Radio Regulations Annex 3 (Maritime)

ITU Region 1	KSA Band Allocation	Usage	Notes
RADIONAVIGATION 5.60 5.64	RADIONAVIGATION 5.60 5.64		
130 - 135.7 kHz			
FIXED MARITIME MOBILE 5.64	FIXED MARITIME MOBILE 5.64	Short Range Devices Active medical implants, Inductive applications	
135.7 - 137.8 kHz			
FIXED MARITIME MOBILE Amateur 5.67A 5.64 5.67B	FIXED MARITIME MOBILE Amateur 5.67A 5.64	Short Range Devices Active medical implants, Inductive applications	
137.8 - 148.5 kHz			
FIXED MARITIME MOBILE 5.64	FIXED MARITIME MOBILE 5.64	Short Range Devices Active medical implants, Inductive applications	
148.5 - 255 kHz			
BROADCASTING	BROADCASTING	Short Range Devices Active medical implants, Inductive applications Broadcasting (terrestrial) AM sound analogue	Radio Regulations Annex 4 (Broadcasting) ITU GE 75 Plan
255 - 283.5 kHz			
AERONAUTICAL RADIONAVIGATION BROADCASTING	AERONAUTICAL RADIONAVIGATION BROADCASTING	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons Broadcasting (terrestrial) AM sound analogue	Radio Regulations (Aeronautical) Radio Regulations Annex 4 (Broadcasting) ITU Geneva Plan 1985 ICAO Annex 10

ITU Region 1	KSA Band Allocation	Usage	Notes
283.5 - 315 kHz			
AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) 5.73 5.74	AERONAUTICAL RADIONAVIGATION MARITIME RADIONAVIGATION (radiobeacons) 5.73 5.74	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons	Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime) ITU Geneva Plan 1985 ICAO Annex 10
315 - 325 kHz			
AERONAUTICAL RADIONAVIGATION Maritime radionavigation (radiobeacons) 5.73	AERONAUTICAL RADIONAVIGATION Maritime radionavigation (radiobeacons) 5.73	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons	Radio Regulations (Aeronautical) ITU Geneva Plan 1985 ICAO Annex 10
325 - 405 kHz			
AERONAUTICAL RADIONAVIGATION	AERONAUTICAL RADIONAVIGATION	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons	Radio Regulations (Aeronautical) ITU Geneva Plan 1985 ICAO Annex 10
405 - 415 kHz			
RADIONAVIGATION 5.76	RADIONAVIGATION 5.76	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons	Radio Regulations (Aeronautical) ITU Geneva Plan 1985 ICAO Annex 10
415 - 435 kHz			
AERONAUTICAL RADIONAVIGATION MARITIME MOBILE 5.79	AERONAUTICAL RADIONAVIGATION MARITIME MOBILE 5.79	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons	Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime) ITU Geneva Plan 1985 ICAO Annex 10
435 - 472 kHz			
MARITIME MOBILE 5.79 Aeronautical radionavigation 5.82	MARITIME MOBILE 5.79 Aeronautical radionavigation 5.82	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons Maritime communications	Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime) ITU Geneva Plan 1985 ICAO Annex 10

ITU Region 1	KSA Band Allocation	Usage	Notes
472 - 479 kHz			
MARITIME MOBILE 5.79 Aeronautical radionavigation Amateur 5.80A 5.80B 5.82	MARITIME MOBILE 5.79 Aeronautical radionavigation Amateur 5.80A 5.80B 5.82	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons Maritime communications	Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime) ITU Geneva Plan 1985 ICAO Annex 10
479 - 495 kHz			
MARITIME MOBILE 5.79 5.79A Aeronautical radionavigation 5.82	MARITIME MOBILE 5.79 5.79A Aeronautical radionavigation 5.82	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons Maritime communications, Navtex service 490 kHz National language	Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime) ITU Geneva Plan 1985 ICAO Annex 10
495 - 505 kHz			
MARITIME MOBILE 5.82C 5.82D	MARITIME MOBILE 5.82C 5.82D	Short Range Devices Inductive applications, Active medical implants GMDSS. NAVDAT	Radio Regulations Annex 3 (Maritime)
505 - 526.5 kHz			
AERONAUTICAL RADIONAVIGATION MARITIME MOBILE 5.79 5.79A 5.84	AERONAUTICAL RADIONAVIGATION MARITIME MOBILE 5.79 5.79A 5.84	Short Range Devices Active medical implants, Inductive applications Aeronautical navigation Non-directional beacons GMDSS. NAVTEX on 518 kHz International language	Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime) ITU Geneva Plan 1985 ICAO Annex 10
526.5 - 1606.5 kHz			
BROADCASTING	BROADCASTING	Short Range Devices Inductive applications Broadcasting (terrestrial) FM sound analogue	Radio Regulations Annex 4 (Broadcasting) ITU GE 75 Plan
1606.5 - 1625 kHz			
FIXED LAND MOBILE MARITIME MOBILE 5.90	FIXED LAND MOBILE MARITIME MOBILE 5.90	Short Range Devices Inductive applications Maritime communications	Radio Regulations Annex 3 (Maritime) ITU RR Article 52 and Appendix 15

ITU Region 1	KSA Band Allocation	Usage	Notes
5.92	5.92		
1625 – 1635 kHz			
RADIOLOCATION	RADIOLOCATION	Short Range Devices Inductive applications	
1635 – 1800 kHz			
FIXED LAND MOBILE MARITIME MOBILE 5.90 5.92	FIXED LAND MOBILE MARITIME MOBILE 5.90 5.92	Short Range Devices Inductive applications Maritime communications	Radio Regulations Annex 3 (Maritime) ITU RR Article 52 and Appendix 15
1800 – 1810 kHz			
RADIOLOCATION	RADIOLOCATION	Short Range Devices Inductive applications	
1810 – 1830 kHz			
AMATEUR 5.99	AMATEUR FIXED 5.99 MOBILE except aeronautical mobile 5.99	Short Range Devices Inductive applications Amateur	Radio Regulations Annex 6 (Amateur)
1830 – 1850 kHz			
AMATEUR 5.99	AMATEUR	Short Range Devices Inductive applications Amateur	Radio Regulations Annex 6 (Amateur)
1850 – 2000 kHz			
FIXED MOBILE except aeronautical mobile 5.103 5.92	FIXED MOBILE except aeronautical mobile 5.103 5.92	Short Range Devices Inductive applications	
2000 – 2025 kHz			
FIXED	FIXED		

ITU Region 1	KSA Band Allocation	Usage	Notes
MOBILE except aeronautical mobile (R) 5.103 5.92	MOBILE except aeronautical mobile (R) 5.103 5.92	Short Range Devices Inductive applications	
2025 - 2045 kHz			
FIXED MOBILE except aeronautical mobile (R) Meteorological aids 5.104 5.103 5.92	FIXED MOBILE except aeronautical mobile (R) Meteorological aids 5.104 5.103 5.92	Short Range Devices Inductive applications	
2045 - 2160 kHz			
FIXED LAND MOBILE MARITIME MOBILE 5.92	FIXED LAND MOBILE MARITIME MOBILE 5.92	Short Range Devices Inductive applications Maritime communications	Radio Regulations Annex 3 (Maritime) ITU RR Article 52 and Appendix 15
2160 - 2170 kHz			
RADIOLOCATION 5.107	FIXED 5.107 MOBILE except aeronautical mobile (R) 5.107 RADIOLOCATION	Short Range Devices Inductive applications	
2170 - 2173.5 kHz			
MARITIME MOBILE	MARITIME MOBILE	Short Range Devices Inductive applications Maritime communications	Radio Regulations Annex 3 (Maritime) ITU RR Article 52 and Appendix 15
2173.5 - 2190.5 kHz			
MOBILE (distress and calling) 5.108 5.109 5.110 5.111	MOBILE (distress and calling) 5.108 5.109 5.110 5.111	Short Range Devices Inductive applications Maritime communications 2187.5 kHz for DSC	Radio Regulations Annex 3 (Maritime)

ITU Region 1	KSA Band Allocation	Usage	Notes
2190.5 – 2194 kHz			
MARITIME MOBILE	MARITIME MOBILE	Short Range Devices Inductive applications Maritime communications	Radio Regulations Annex 3 (Maritime) ITU RR Article 52 and Appendix 15
2194 – 2300 kHz			
FIXED MOBILE except aeronautical mobile (R) 5.103 5.92	FIXED MOBILE except aeronautical mobile (R) 5.103 5.92	Short Range Devices Inductive applications	
2300 – 2498 kHz			
BROADCASTING 5.113 FIXED MOBILE except aeronautical mobile (R) 5.103	BROADCASTING 5.113 FIXED MOBILE except aeronautical mobile (R) 5.103	Short Range Devices Inductive applications Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting)
2498 – 2501 kHz			
STANDARD FREQUENCY AND TIME SIGNAL (2 500 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (2500 kHz)	Short Range Devices Inductive applications	
2501 – 2502 kHz			
STANDARD FREQUENCY AND TIME SIGNAL Space research	STANDARD FREQUENCY AND TIME SIGNAL Space Research	Short Range Devices Inductive applications	
2502 – 2625 kHz			
FIXED MOBILE except aeronautical mobile (R) 5.103 5.92	FIXED MOBILE except aeronautical mobile (R) 5.103 5.92	Short Range Devices Inductive applications	
2625 – 2650 kHz			
MARITIME MOBILE	MARITIME MOBILE		

ITU Region 1	KSA Band Allocation	Usage	Notes
MARITIME RADIONAVIGATION 5.92	MARITIME RADIONAVIGATION 5.92	Short Range Devices Inductive applications Maritime communications	Radio Regulations Annex 3 (Maritime) ITU RR Article 52 and Appendix 15
2650 - 2850 kHz			
FIXED MOBILE except aeronautical mobile (R) 5.103 5.92	FIXED MOBILE except aeronautical mobile (R) 5.103 5.92	Short Range Devices Inductive applications	
2850 - 3025 kHz			
AERONAUTICAL MOBILE (R) 5.111 5.115	AERONAUTICAL MOBILE (R) 5.111 5.115	Short Range Devices Inductive applications Aeronautical communications SAR (communications)	Radio Regulations (Aeronautical)
3025 - 3155 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Short Range Devices Inductive applications Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 26
3155 - 3200 kHz			
FIXED MOBILE except aeronautical mobile (R) 5.116	FIXED MOBILE except aeronautical mobile (R) 5.116	Short Range Devices Inductive applications (hearing aids)	
3200 - 3230 kHz			
BROADCASTING 5.113 FIXED MOBILE except aeronautical mobile (R) 5.116	BROADCASTING 5.113 FIXED MOBILE except aeronautical mobile (R) 5.116	Short Range Devices Inductive applications Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting)
3230 - 3400 kHz			
BROADCASTING 5.113	BROADCASTING 5.113		

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED MOBILE except aeronautical mobile 5.116	FIXED MOBILE except aeronautical mobile 5.116	Short Range Devices Inductive applications Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting)
3400 – 3500 kHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	Short Range Devices Inductive applications Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 27
3500 – 3800 kHz			
AMATEUR FIXED MOBILE except aeronautical mobile 5.92	AMATEUR FIXED MOBILE except aeronautical mobile 5.92	Short Range Devices Inductive applications	
3800 – 3900 kHz			
AERONAUTICAL MOBILE (OR) FIXED LAND MOBILE	AERONAUTICAL MOBILE (OR) FIXED LAND MOBILE	Short Range Devices Inductive applications Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
3900 – 3950 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Short Range Devices Inductive applications Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
3950 – 4000 kHz			
BROADCASTING FIXED	BROADCASTING FIXED	Short Range Devices Inductive applications Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting)
4000 – 4063 kHz			
FIXED MARITIME MOBILE 5.127	FIXED MARITIME MOBILE 5.127	Short Range Devices Inductive applications Maritime communications	

ITU Region 1	KSA Band Allocation	Usage	Notes
4063 - 4438 kHz			
MARITIME MOBILE 5.109 5.110 5.130 5.131 5.132 5.79A 5.82D 5.128	MARITIME MOBILE 5.109 5.110 5.130 5.131 5.132 5.79A 5.82D 5.128	Short Range Devices Inductive applications GMDSS 4207.5 kHz for DSC	Radio Regulations Annex 3 (Maritime) ITU RR Appendices 15, 17 and 25 and Article 52
4438 - 4488 kHz			
FIXED MOBILE except aeronautical mobile (R) Radiolocation 5.132A	FIXED MOBILE except aeronautical mobile (R) Radiolocation 5.132A	Short Range Devices Inductive applications	
4488 - 4650 kHz			
FIXED MOBILE except aeronautical mobile (R)	FIXED MOBILE except aeronautical mobile (R)	Short Range Devices Inductive applications	
4650 - 4700 kHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	Short Range Devices Inductive applications Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 27 ICAO App 10
4700 - 4750 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Short Range Devices Inductive applications	Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
4750 - 4850 kHz			
AERONAUTICAL MOBILE (OR) BROADCASTING 5.113 FIXED LAND MOBILE	AERONAUTICAL MOBILE (OR) BROADCASTING 5.113 FIXED LAND MOBILE	Short Range Devices Inductive applications Aeronautical communications Broadcasting (terrestrial) DRM	Radio Regulations (Aeronautical) Radio Regulations Annex 4 (Broadcasting) ITU RR App 26 ICAO App 10
4850 - 4995 kHz			
BROADCASTING 5.113 FIXED	BROADCASTING 5.113 FIXED	Short Range Devices Inductive applications Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting)

ITU Region 1	KSA Band Allocation	Usage	Notes
LAND MOBILE	LAND MOBILE		
4995 - 5003 kHz			
STANDARD FREQUENCY AND TIME SIGNAL (5 000 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (5000 kHz)	Short Range Devices Inductive applications	
5003 - 5005 kHz			
STANDARD FREQUENCY AND TIME SIGNAL Space research	STANDARD FREQUENCY AND TIME SIGNAL Space research		
5005 - 5060 kHz			
BROADCASTING 5.113 FIXED	BROADCASTING 5.113 FIXED	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting)
5060 - 5250 kHz			
FIXED Mobile except aeronautical mobile	FIXED Mobile except aeronautical mobile		
5250 - 5275 kHz			
FIXED MOBILE except aeronautical mobile Radiolocation 5.132A	FIXED MOBILE except aeronautical mobile Radiolocation 5.132A		
5275 - 5351.5 kHz			
FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile		
5351.5 - 5366.5 kHz			
FIXED MOBILE except aeronautical mobile Amateur	FIXED MOBILE except aeronautical mobile Amateur		

ITU Region 1	KSA Band Allocation	Usage	Notes
5366.5 – 5450 kHz			
FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile		
5450 – 5480 kHz			
AERONAUTICAL MOBILE (OR) FIXED LAND MOBILE	AERONAUTICAL MOBILE (OR) FIXED LAND MOBILE	Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
5480 – 5680 kHz			
AERONAUTICAL MOBILE (R) 5.111 5.115	AERONAUTICAL MOBILE (R) 5.111 5.115	Aeronautical communications SAR (communications)	Radio Regulations (Aeronautical) ITU RR App 27 ICAO App 10
5680 – 5730 kHz			
AERONAUTICAL MOBILE (OR) 5.111 5.115	AERONAUTICAL MOBILE (OR) 5.111 5.115		Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
5730 – 5900 kHz			
FIXED LAND MOBILE	FIXED LAND MOBILE		
5900 – 5950 kHz			
BROADCASTING 5.134 5.136	BROADCASTING 5.134 5.136	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
5950 – 6200 kHz			
BROADCASTING	BROADCASTING	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
6200 – 6525 kHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
MARITIME MOBILE 5.109 5.110 5.130 5.132 5.137A 5.137	MARITIME MOBILE 5.109 5.110 5.130 5.132 5.137A 5.137	GMDSS 6312 kHz for DSC	Radio Regulations Annex 3 (Maritime) ITU RR Appendices 15, 17 and 25 and Article 52
6525 - 6685 kHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	Aeronautical communications	Radio Regulations (Aeronautical) ITI RR App 27 ICAO App 10
6685 - 6765 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Aeronautical communications	Radio Regulations (Aeronautical) ITI RR App 26 ICAO App 10
6765 - 7000 kHz			
FIXED MOBILE except aeronautical mobile (R) 5.138	FIXED MOBILE except aeronautical mobile (R) 5.138	Short Range Devices Inductive applications, Non-specific SRD	ISM in 6765-6795 kHz
7000 - 7100 kHz			
AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Amateur	Radio Regulations Annex 6 (Amateur)
7100 - 7200 kHz			
AMATEUR 5.141B	AMATEUR FIXED 5.141B MOBILE except aeronautical mobile (R) 5.141B	Amateur	Radio Regulations Annex 6 (Amateur)
7200 - 7300 kHz			
BROADCASTING	BROADCASTING	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12

ITU Region 1	KSA Band Allocation	Usage	Notes
7300 - 7350 kHz			
BROADCASTING 5.134 5.143 5.143B 5.143C	BROADCASTING 5.134 5.143	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
7350 - 7400 kHz			
BROADCASTING 5.134 5.143 5.143B 5.143C	BROADCASTING 5.134 FIXED 5.143C 5.143B	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
7400 - 7450 kHz			
BROADCASTING 5.143B 5.143C	BROADCASTING FIXED 5.143C 5.143B	Short Range Devices Inductive applications Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
7450 - 8100 kHz			
FIXED MOBILE except aeronautical mobile (R)	FIXED MOBILE except aeronautical mobile (R)	Short Range Devices Inductive applications	
8100 - 8195 kHz			
FIXED MARITIME MOBILE	FIXED MARITIME MOBILE	Short Range Devices Inductive applications	
8195 - 8815 kHz			
MARITIME MOBILE 5.109 5.110 5.132 5.137A 5.145 5.111	MARITIME MOBILE 5.109 5.110 5.132 5.137A 5.145 5.111	Short Range Devices Inductive applications GMDSS 8291 and 8414.5 kHz for DSC	Radio Regulations Annex 3 (Maritime) ITU RR Appendices 15, 17 and 25 and Article 52
8815 - 8965 kHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 27 ICAO App 10

ITU Region 1	KSA Band Allocation	Usage	Notes
8965 - 9040 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 27 ICAO App 10
9040 - 9305 kHz			
FIXED	FIXED		
9305 - 9355 kHz			
FIXED Radiolocation 5.145A	FIXED Radiolocation 5.145A		
9355 - 9400 kHz			
FIXED	FIXED		
9400 - 9500 kHz			
BROADCASTING 5.134 5.146	BROADCASTING 5.134 5.146	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
9500 - 9900 kHz			
BROADCASTING 5.147	BROADCASTING 5.147	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
9900 - 9995 kHz			
FIXED	FIXED		
9995 - 10003 kHz			
STANDARD FREQUENCY AND TIME SIGNAL (10 000 kHz) 5.111	STANDARD FREQUENCY AND TIME SIGNAL (10000 kHz) 5.111		

ITU Region 1	KSA Band Allocation	Usage	Notes
10003 - 10005 kHz			
STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111	STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111		
10005 - 10100 kHz			
AERONAUTICAL MOBILE (R) 5.111	AERONAUTICAL MOBILE (R) 5.111	Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 27 ICAO App 10
10100 - 10150 kHz			
FIXED Amateur	FIXED Amateur		
10150 - 11175 kHz			
FIXED Mobile except aeronautical mobile (R)	FIXED Mobile except aeronautical mobile (R)	Short Range Devices Inductive applications	
11175 - 11275 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
11275 - 11400 kHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 27 ICAO App 10
11400 - 11600 kHz			
FIXED	FIXED		
11600 - 11650 kHz			
BROADCASTING 5.134	BROADCASTING 5.134	Broadcasting (terrestrial) DRM	

ITU Region 1	KSA Band Allocation	Usage	Notes
5.146	5.146		Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
11650 - 12050 kHz			
BROADCASTING 5.147	BROADCASTING 5.147	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
12050 - 12100 kHz			
BROADCASTING 5.134 5.146	BROADCASTING 5.134 5.146	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
12100 - 12230 kHz			
FIXED	FIXED		
12230 - 13200 kHz			
MARITIME MOBILE 5.109 5.110 5.132 5.137A 5.145	MARITIME MOBILE 5.109 5.110 5.132 5.137A 5.145	Short Range Devices Active medical implants GMDSS 12577 kHz for DSC	Radio Regulations Annex 3 (Maritime) ITU RR Appendices 15, 17 and 25 and Article 52
13200 - 13260 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Short Range Devices Active medical implants Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
13260 - 13360 kHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	Short Range Devices Active medical implants Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
13360 - 13410 kHz			
FIXED RADIO ASTRONOMY 5.149	FIXED RADIO ASTRONOMY 5.149	Short Range Devices Active medical implants	
13410 - 13450 kHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED Mobile except aeronautical mobile (R)	FIXED Mobile except aeronautical mobile (R)	Short Range Devices Active medical implants	
13450 – 13550 kHz			
FIXED Mobile except aeronautical mobile (R) Radiolocation 5.132A	FIXED Mobile except aeronautical mobile (R) Radiolocation 5.132A	Short Range Devices Active medical implants	
13550 – 13570 kHz			
FIXED Mobile except aeronautical mobile (R) 5.150	FIXED Mobile except aeronautical mobile (R) 5.150	Short Range Devices Active medical implants, Inductive applications, RFID	ISM in 13553-13567 kHz
13570 – 13600 kHz			
BROADCASTING 5.134 5.151	BROADCASTING 5.134 5.151	Short Range Devices Active medical implants Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
13600 – 13800 kHz			
BROADCASTING	BROADCASTING	Short Range Devices Active medical implants Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
13800 – 13870 kHz			
BROADCASTING 5.134 5.151	BROADCASTING 5.134 5.151	Short Range Devices Active medical implants Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
13870 – 14000 kHz			
FIXED Mobile except aeronautical mobile (R)	FIXED Mobile except aeronautical mobile (R)	Short Range Devices Active medical implants	
14000 – 14250 kHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Short Range Devices Active medical implants Amateur	Radio Regulations Annex 6 (Amateur)
14250 - 14350 kHz			
AMATEUR	AMATEUR	Short Range Devices Active medical implants Amateur	Radio Regulations Annex 6 (Amateur)
14350 - 14990 kHz			
FIXED MOBILE except aeronautical mobile (R)	FIXED MOBILE except aeronautical mobile (R)	Short Range Devices Active medical implants	
14990 - 15005 kHz			
STANDARD FREQUENCY AND TIME SIGNAL (15 000 kHz) 5.111	STANDARD FREQUENCY AND TIME SIGNAL (15000 kHz) 5.111	Short Range Devices Active medical implants	
15005 - 15010 kHz			
STANDARD FREQUENCY AND TIME SIGNAL Space research	STANDARD FREQUENCY AND TIME SIGNAL Space research	Short Range Devices Active medical implants	
15010 - 15100 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Short Range Devices Active medical implants Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 26 ICAO App 10
15100 - 15600 kHz			
BROADCASTING	BROADCASTING	Short Range Devices Active medical implants Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
15600 - 15800 kHz			
BROADCASTING 5.134 5.146	BROADCASTING 5.134 5.146	Short Range Devices Active medical implants Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
15800 - 16100 kHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED	FIXED		
16100 – 16200 kHz			
FIXED Radiolocation 5.145A	FIXED Radiolocation 5.145A	Short Range Devices Active medical implants	
16200 – 16360 kHz			
FIXED	FIXED		
16360 – 17410 kHz			
MARITIME MOBILE 5.109 5.110 5.132 5.137A 5.145	MARITIME MOBILE 5.109 5.110 5.132 5.137A 5.145	Short Range Devices Active medical implants GMDSS 16804.5 for DSC	Radio Regulations Annex 3 (Maritime) ITU RR Appendices 15, 17 and 25 and Article 52
17410 – 17480 kHz			
FIXED	FIXED		
17480 – 17550 kHz			
BROADCASTING 5.134 5.146	BROADCASTING 5.134 5.146	Short Range Devices Active medical implants Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
17550 – 17900 kHz			
BROADCASTING	BROADCASTING	Short Range Devices Active medical implants Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
17900 – 17970 kHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	Short Range Devices Active medical implants Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 27 ICAO App 10
17970 – 18030 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Short Range Devices Active medical implants Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App 27 ICAO App 10

ITU Region 1	KSA Band Allocation	Usage	Notes
18030 - 18052 kHz			
FIXED	FIXED		
18052 - 18068 kHz			
FIXED Space research	FIXED Space research	Short Range Devices Active medical implants	
18068 - 18168 kHz			
AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Short Range Devices Active medical implants Amateur	Radio Regulations Annex 6 (Amateur)
18168 - 18780 kHz			
FIXED Mobile except aeronautical mobile	FIXED Mobile except aeronautical mobile	Short Range Devices Active medical implants	
18780 - 18900 kHz			
MARITIME MOBILE	MARITIME MOBILE	Short Range Devices Active medical implants	
18900 - 19020 kHz			
BROADCASTING 5.134 5.146	BROADCASTING 5.134 5.146	Short Range Devices Active medical implants Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
19020 - 19680 kHz			
FIXED	FIXED		
19680 - 19800 kHz			
MARITIME MOBILE 5.132	MARITIME MOBILE 5.132	Short Range Devices Active medical implants GMDSS	
19800 - 19990 kHz			
FIXED	FIXED		

ITU Region 1	KSA Band Allocation	Usage	Notes
19990 - 19995 kHz			
STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111	STANDARD FREQUENCY AND TIME SIGNAL Space research 5.111	Short Range Devices Active medical implants	
19995 - 20010 kHz			
STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz) 5.111	STANDARD FREQUENCY AND TIME SIGNAL (20000 kHz) 5.111	Short Range Devices Active medical implants	
20010 - 21000 kHz			
FIXED Mobile	FIXED Mobile		
21000 - 21450 kHz			
AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Amateur	Radio Regulations Annex 6 (Amateur)
21450 - 21850 kHz			
BROADCASTING	BROADCASTING	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
21850 - 21870 kHz			
FIXED	FIXED		
21870 - 21924 kHz			
FIXED 5.155B	FIXED 5.155B		
21924 - 22000 kHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (R)	Aeronautical communications	Radio Regulations (Aeronautical) ITU RR App27 ICAO App 10
22000 - 22855 kHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
MARITIME MOBILE 5.132 5.137A	MARITIME MOBILE 5.132 5.137A	Maritime communications	Radio Regulations Annex 3 (Maritime) ITU RR Appendices 15, 17 and 25 and Article 52
22855 - 23000 kHz			
FIXED	FIXED		
23000 - 23200 kHz			
FIXED	FIXED		
Mobile except aeronautical mobile (R)	Mobile except aeronautical mobile (R)		
23200 - 23350 kHz			
AERONAUTICAL MOBILE (OR)	AERONAUTICAL MOBILE (OR)	Aeronautical communications	Radio Regulations (Aeronautical)
FIXED 5.156A	FIXED 5.156A		
23350 - 24000 kHz			
FIXED	FIXED		
MOBILE except aeronautical mobile 5.157	MOBILE except aeronautical mobile 5.157		
24000 - 24450 kHz			
FIXED	FIXED		
LAND MOBILE	LAND MOBILE		
24450 - 24600 kHz			
FIXED	FIXED		
LAND MOBILE	LAND MOBILE		
Radiolocation 5.132A	Radiolocation 5.132A		
24600 - 24890 kHz			
FIXED	FIXED		
LAND MOBILE	LAND MOBILE		

ITU Region 1	KSA Band Allocation	Usage	Notes
24890 - 24990 kHz			
AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Amateur	Radio Regulations Annex 6 (Amateur)
24990 - 25005 kHz			
STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)	STANDARD FREQUENCY AND TIME SIGNAL (25000 kHz)		
25005 - 25010 kHz			
STANDARD FREQUENCY AND TIME SIGNAL Space research	STANDARD FREQUENCY AND TIME SIGNAL Space research		
25010 - 25070 kHz			
FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile		
25070 - 25210 kHz			
MARITIME MOBILE	MARITIME MOBILE		
25210 - 25550 kHz			
FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile		
25550 - 25670 kHz			
RADIO ASTRONOMY 5.149	RADIO ASTRONOMY 5.149		
25670 - 26100 kHz			
BROADCASTING	BROADCASTING	Broadcasting (terrestrial) DRM	Radio Regulations Annex 4 (Broadcasting) ITU RR Article 12
26100 - 26175 kHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
MARITIME MOBILE 5.132	MARITIME MOBILE 5.132	GMDSS	
26175 – 26200 kHz			
FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile		
26200 – 26350 kHz			
FIXED MOBILE except aeronautical mobile Radiolocation 5.132A	FIXED MOBILE except aeronautical mobile Radiolocation 5.132A		
26350 – 27500 kHz			
FIXED MOBILE except aeronautical mobile 5.150	FIXED MOBILE except aeronautical mobile 5.150	CB Radio Short Range Devices Model corol	26.35-27.5 kHz ISM band not included
27.5 – 28 MHz			
FIXED METEOROLOGICAL AIDS MOBILE	FIXED METEOROLOGICAL AIDS MOBILE		
28 – 29.7 MHz			
AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Amateur	Radio Regulations Annex 6 (Amateur)
29.7 – 30.005 MHz			
FIXED MOBILE	FIXED MOBILE	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)

ITU Region 1	KSA Band Allocation	Usage	Notes
30.005 – 30.01 MHz			
FIXED MOBILE SPACE OPERATION (satellite identification) SPACE RESEARCH	FIXED MOBILE SPACE OPERATION (satellite identification) SPACE RESEARCH	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
30.01 – 37.5 MHz			
FIXED MOBILE	FIXED MOBILE	Short Range Devices Active medical implants, Model control PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
37.5 – 38.25 MHz			
FIXED MOBILE Radio astronomy 5.149	FIXED MOBILE Radio astronomy 5.149	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
38.25 – 39 MHz			
FIXED MOBILE	FIXED MOBILE	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
39 – 39.5 MHz			
FIXED MOBILE Radiolocation 5.132A	FIXED MOBILE Radiolocation 5.132A	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
39.5 – 39.986 MHz			
FIXED	FIXED		Radio Regulations Annex 8 (PMSE)

ITU Region 1	KSA Band Allocation	Usage	Notes
MOBILE	MOBILE	PMSE In-ear monitors, Radio microphones, Audio links, Service links	
39.986 - 40 MHz			
FIXED MOBILE Space research	FIXED MOBILE Space research	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
40 - 40.02 MHz			
FIXED MOBILE Earth exploration-satellite (active) 5.159A Space research	FIXED MOBILE Earth exploration-satellite (active) 5.159A Space research	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
40.02 - 40.98 MHz			
FIXED MOBILE Earth exploration-satellite (active) 5.159A 5.150	FIXED MOBILE Earth exploration-satellite (active) 5.159A 5.150	Short Range Devices Non-specific SRD, Model control PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE) ISM in 40.66-40.7 MHz
40.98 - 41.015 MHz			
FIXED MOBILE Earth exploration-satellite (active) 5.159A Space research	FIXED MOBILE Earth exploration-satellite (active) 5.159A Space research	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
41.015 - 42 MHz			
FIXED	FIXED		Radio Regulations Annex 8 (PMSE)

ITU Region 1	KSA Band Allocation	Usage	Notes
MOBILE Earth exploration-satellite (active) 5.159A	MOBILE Earth exploration-satellite (active) 5.159A	PMSE In-ear monitors, Radio microphones, Audio links, Service links	
42 - 42.5 MHz			
FIXED MOBILE Earth exploration-satellite (active) 5.159A Radiolocation 5.132A	FIXED MOBILE Earth exploration-satellite (active) 5.159A Radiolocation 5.132A	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
42.5 - 44 MHz			
FIXED MOBILE Earth exploration-satellite (active) 5.159A	FIXED MOBILE Earth exploration-satellite (active) 5.159A	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
44 - 47 MHz			
FIXED MOBILE Earth exploration-satellite (active) 5.159A	FIXED MOBILE Earth exploration-satellite (active) 5.159A	PMSE In-ear monitors, Radio microphones, Audio links, Service links	Radio Regulations Annex 8 (PMSE)
47 - 50 MHz			
BROADCASTING Earth exploration-satellite (active) 5.159A	BROADCASTING Earth exploration-satellite (active) 5.159A	Broadcasting (terrestrial) T-DAB	Radio Regulations Annex 4 (Broadcasting) ITU GE-89 Plan
50 - 52 MHz			
BROADCASTING Amateur 5.166B 5.166C 5.169A 5.169B	AMATEUR 5.166B 5.166C 5.169A 5.169B BROADCASTING	Broadcasting (terrestrial) T-DAB	Radio Regulations Annex 6 (Amateur) Radio Regulations Annex 4 (Broadcasting) ITU GE-89 Plan

ITU Region 1	KSA Band Allocation	Usage	Notes
52 - 68 MHz			
BROADCASTING 5.169A 5.169B	BROADCASTING AMATEUR 5.169A 5.169B	Broadcasting (terrestrial) T-DAB	Radio Regulations Annex 4 (Broadcasting) Radio Regulations Annex 6 (Amateur) ITU GE-89 Plan
68 - 74.8 MHz			
FIXED MOBILE except aeronautical mobile 5.149	FIXED MOBILE except aeronautical mobile 5.149	PMSE Service links	Radio Regulations Annex 8 (PMSE)
74.8 - 75.2 MHz			
AERONAUTICAL RADIONAVIGATION 5.180	AERONAUTICAL RADIONAVIGATION 5.180	Beacons (aeronautical)	Radio Regulations (Aeronautical) ICAO Annex 10
75.2 - 87.5 MHz			
FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile	PMSE Service links	Radio Regulations Annex 8 (PMSE)
87.5 - 100 MHz			
BROADCASTING	BROADCASTING	Broadcasting (terrestrial) FM sound analogue	Radio Regulations Annex 4 (Broadcasting) ITU GE 84 Plan
100 - 108 MHz			
BROADCASTING	BROADCASTING	Broadcasting (terrestrial) FM sound analogue	Radio Regulations Annex 4 (Broadcasting) ITU GE 84 Plan
108 - 117.975 MHz			
AERONAUTICAL RADIONAVIGATION	AERONAUTICAL RADIONAVIGATION	Aeronautical navigation GBAS, ILS	Radio Regulations (Aeronautical) ICAO Annex 10
117.975 - 137 MHz			
AERONAUTICAL MOBILE (R)	AERONAUTICAL MOBILE (OR) 5.201 5.202		

ITU Region 1	KSA Band Allocation	Usage	Notes
AERONAUTICAL MOBILE-SATELLITE (R) 5.198A 5.198B 5.111 5.200 5.201 5.202	AERONAUTICAL MOBILE (R) AERONAUTICAL MOBILE-SATELLITE (R) 5.198A 5.198B 5.111 5.200	Aeronautical communications SAR communications, AGA communications	Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime)
137 – 137.025 MHz			
METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209 SPACE OPERATION (space-to-Earth) 5.203C SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) 5.204 5.208	FIXED 5.204 METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile (R) 5.204 MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209 SPACE OPERATION (space-to-Earth) 5.203C SPACE RESEARCH (space-to-Earth) 5.208	MSS Earth stations	Radio Regulations (Satellite)
137.025 – 137.175 MHz			
METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE OPERATION (space-to-Earth) 5.203C SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209 5.204 5.208	FIXED 5.204 METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile (R) 5.204 SPACE OPERATION (space-to-Earth) 5.203C SPACE RESEARCH (space-to-Earth) Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209 5.208	PMR/PAMR, Paging	

ITU Region 1	KSA Band Allocation	Usage	Notes
137.175 - 137.825 MHz			
METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209 SPACE OPERATION (space-to-Earth) 5.203C 5.209A SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) 5.204 5.208	FIXED 5.204 METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile (R) 5.204 MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209 SPACE OPERATION (space-to-Earth) 5.203C 5.209A SPACE RESEARCH (space-to-Earth) 5.208	PMR/PAMR, Paging MSS Earth stations	Radio Regulations (Satellite)
137.825 - 138 MHz			
METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE OPERATION (space-to-Earth) 5.203C SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209 5.204 5.208	FIXED 5.204 METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile (R) 5.204 SPACE OPERATION (space-to-Earth) 5.203C SPACE RESEARCH (space-to-Earth) Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.209 5.208	PMR/PAMR, Paging	
138 - 143.6 MHz			
AERONAUTICAL MOBILE (OR) 5.211	AERONAUTICAL MOBILE (OR) LAND MOBILE 5.211 MARITIME MOBILE 5.211	Aeronautical communications PMR/PAMR, Paging	Radio Regulations (Aeronautical)
143.6 - 143.65 MHz			
AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth)	AERONAUTICAL MOBILE (OR) LAND MOBILE 5.211	PMR/PAMR, Paging	Radio Regulations (Aeronautical)

ITU Region 1	KSA Band Allocation	Usage	Notes
5.211	MARITIME MOBILE 5.211 SPACE RESEARCH (space-to-Earth)		
143.65 - 144 MHz			
AERONAUTICAL MOBILE (OR) 5.211	AERONAUTICAL MOBILE (OR) LAND MOBILE 5.211 MARITIME MOBILE 5.211	PMR/PAMR, Paging	Radio Regulations (Aeronautical)
144 - 146 MHz			
AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	PMR/PAMR, Paging Amateur	Radio Regulations Annex 6 (Amateur)
146 - 148 MHz			
FIXED MOBILE except aeronautical mobile (R)	FIXED MOBILE except aeronautical mobile (R)	PMR/PAMR, Paging PMSE Service links	Radio Regulations Annex 8 (PMSE)
148 - 149.9 MHz			
FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) 5.209 5.218 5.218A 5.219 5.221	FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) 5.209 5.218 5.218A 5.219 5.221	PMR/PAMR, Paging MSS Earth stations	Radio Regulations (Satellite)
149.9 - 150.05 MHz			
MOBILE-SATELLITE (Earth-to-space) 5.209 5.220	MOBILE-SATELLITE (Earth-to-space) 5.209 5.220	MSS Earth stations	Radio Regulations (Satellite)
150.05 - 153 MHz			
FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY	PMR/PAMR, Paging PMSE Service links	Radio Regulations Annex 8 (PMSE)

ITU Region 1	KSA Band Allocation	Usage	Notes
5.149	5.149		
153 – 154 MHz			
FIXED MOBILE except aeronautical mobile (R) Meteorological aids	FIXED MOBILE except aeronautical mobile (R) Meteorological Aids	PMR/PAMR, Paging	
154 – 156.4875 MHz			
FIXED MOBILE except aeronautical mobile (R) 5.225A 5.226	FIXED MOBILE except aeronautical mobile (R) 5.226	PMR/PAMR, Paging PMSE Service links	Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 3 (Maritime)
156.4875 – 156.5625 MHz			
MARITIME MOBILE (distress and calling via DSC) 5.111 5.226 5.227	MARITIME MOBILE (distress and calling via DSC) 5.111 5.226 5.227	Maritime communications 156.525 MHz for DSC	Radio Regulations Annex 3 (Maritime) ITU RR App 18
156.5625 – 156.7625 MHz			
FIXED MOBILE except aeronautical mobile (R) 5.226	FIXED MOBILE except aeronautical mobile (R) 5.226	PMR/PAMR, Paging	Radio Regulations Annex 3 (Maritime) ITU RR App 18
156.7625 – 156.7875 MHz			
MARITIME MOBILE Mobile-satellite (Earth-to-space) 5.111 5.226 5.228	MARITIME MOBILE Mobile-satellite (Earth-to-space) 5.111 5.226 5.228	Maritime communications	Radio Regulations Annex 3 (Maritime) ITU RR App 18
156.7875 – 156.8125 MHz			
MARITIME MOBILE (distress and calling) 5.111 5.226	MARITIME MOBILE (distress and calling) 5.111 5.226	Maritime communications 156.8 MHz for DSC	Radio Regulations Annex 3 (Maritime) ITU RR App 18

ITU Region 1	KSA Band Allocation	Usage	Notes
156.8125 - 156.8375 MHz			
MARITIME MOBILE Mobile-satellite (Earth-to-space) 5.111 5.226 5.228	MARITIME MOBILE Mobile-satellite (Earth-to-space) 5.111 5.226 5.228		Radio Regulations Annex 3 (Maritime) ITU RR App 18
156.8375 - 157.1875 MHz			
FIXED MOBILE except aeronautical mobile 5.226	FIXED MOBILE except aeronautical mobile 5.226	PMR/PAMR, Paging	Radio Regulations Annex 3 (Maritime) ITU RR App 18
157.1875 - 157.3375 MHz			
FIXED MOBILE except aeronautical mobile Maritime mobile-satellite 5.208A 5.208B 5.228AB 5.226	FIXED MOBILE except aeronautical mobile Maritime mobile-satellite 5.208A 5.208B 5.228AB 5.226	PMR/PAMR, Paging	Radio Regulations Annex 3 (Maritime)
157.3375 - 161.7875 MHz			
FIXED MOBILE except aeronautical mobile 5.226	FIXED MOBILE except aeronautical mobile 5.226	PMR/PAMR, Paging	Radio Regulations Annex 3 (Maritime)
161.7875 - 161.9375 MHz			
FIXED MOBILE except aeronautical mobile Maritime mobile-satellite 5.208A 5.208B 5.228AB 5.226	FIXED MOBILE except aeronautical mobile Maritime mobile-satellite 5.208A 5.208B 5.228AB 5.226	PMR/PAMR, Paging	Radio Regulations Annex 3 (Maritime)

ITU Region 1	KSA Band Allocation	Usage	Notes
161.9375 - 161.9625 MHz			
FIXED MOBILE except aeronautical mobile Maritime mobile-satellite (Earth-to-space) 5.228AA 5.226	FIXED MOBILE except aeronautical mobile Maritime mobile-satellite (Earth-to-space) 5.228AA 5.226	PMR/PAMR, Paging	Radio Regulations Annex 3 (Maritime)
161.9625 - 161.9875 MHz			
FIXED MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.228F 5.226 5.228A 5.228B	FIXED MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.228F 5.226 5.228A 5.228B	PMR/PAMR, Paging Maritime communications AIS	Radio Regulations Annex 3 (Maritime)
161.9875 - 162.0125 MHz			
FIXED MOBILE except aeronautical mobile Maritime mobile-satellite (Earth-to-space) 5.228AA 5.226	FIXED MOBILE except aeronautical mobile Maritime mobile-satellite (Earth-to-space) 5.228AA 5.226	PMR/PAMR, Paging	
162.0125 - 162.0375 MHz			
FIXED MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.228F 5.226 5.228A 5.228B	FIXED MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.228F 5.226 5.228A 5.228B	PMR/PAMR, Paging Maritime communications AIS	Radio Regulations Annex 3 (Maritime)
162.0375 - 174 MHz			
FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile	PMSE In-ear monitors, Radio microphones, Audio links PMR/PAMR, Paging	Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 3 (Maritime)

ITU Region 1	KSA Band Allocation	Usage	Notes
5.226	5.226		
174 - 223 MHz			
BROADCASTING 5.235	BROADCASTING	PMSE In-ear monitors, Radio microphones, Audio links Broadcasting (terrestrial) T-DAB, T-DAB+	Radio Regulations Annex 4 (Broadcasting) Radio Regulations Annex 8 (PMSE) ITU GE 06 Plan
223 - 230 MHz			
BROADCASTING Fixed Mobile 5.247	AERONAUTICAL RADIONAVIGATION 5.247 BROADCASTING Fixed Mobile	Broadcasting (terrestrial) T-DAB, T-DAB+	Radio Regulations (Aeronautical) Radio Regulations Annex 4 (Broadcasting)
230 - 235 MHz			
FIXED MOBILE 5.247	AERONAUTICAL RADIONAVIGATION 5.247 FIXED MOBILE	Aeronautical navigation Beacons, ILS	Radio Regulations (Aeronautical)
235 - 267 MHz			
FIXED MOBILE 5.111 5.254 5.256 5.256A	FIXED MOBILE 5.111 5.254 5.256 5.256A		
267 - 272 MHz			
FIXED MOBILE Space operation (space-to-Earth) 5.254 5.257	FIXED MOBILE Space operation (space-to-Earth) 5.254 5.257		
272 - 273 MHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED MOBILE SPACE OPERATION (space-to-Earth) 5.254	FIXED MOBILE SPACE OPERATION (space-to-Earth) 5.254		
273 - 312 MHz			
FIXED MOBILE 5.254	FIXED MOBILE 5.254		
312 - 315 MHz			
FIXED MOBILE Mobile-satellite (Earth-to-space) 5.254 5.255	FIXED MOBILE Mobile-satellite (Earth-to-space) 5.254 5.255		
315 - 320 MHz			
FIXED MOBILE 5.254	FIXED MOBILE 5.254		
320 - 322 MHz			
FIXED MOBILE 5.254	FIXED MOBILE 5.254		
322 - 325 MHz			
FIXED MOBILE	FIXED MOBILE		

ITU Region 1	KSA Band Allocation	Usage	Notes
RADIO ASTRONOMY 5.149	RADIO ASTRONOMY 5.149		
325 - 327 MHz			
FIXED MOBILE RADIO ASTRONOMY 5.149	FIXED MOBILE RADIO ASTRONOMY 5.149		
327 - 328.6 MHz			
FIXED MOBILE RADIO ASTRONOMY 5.149	FIXED MOBILE RADIO ASTRONOMY 5.149		
328.6 - 335.4 MHz			
AERONAUTICAL RADIONAVIGATION 5.258 5.259	AERONAUTICAL RADIONAVIGATION 5.258	Aeronautical navigation	Radio Regulations (Aeronautical) ICAO Annex 10
335.4 - 360 MHz			
FIXED MOBILE 5.254	FIXED MOBILE 5.254	PMR/PAMR	
360 - 387 MHz			
FIXED MOBILE 5.254	FIXED MOBILE 5.254		

ITU Region 1	KSA Band Allocation	Usage	Notes
387 - 390 MHz			
FIXED	FIXED		
MOBILE	MOBILE		
Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.254 5.255	Mobile-satellite (space-to-Earth) 5.208A 5.208B 5.254 5.255		
390 - 399.9 MHz			
FIXED	FIXED		
MOBILE	MOBILE		
5.254	5.254		
399.9 - 400.05 MHz			
MOBILE-SATELLITE (Earth-to-space) 5.209 5.220 5.260A 5.260B	MOBILE-SATELLITE (Earth-to-space) 5.209 5.220 5.260A 5.260B	MSS Earth stations	Radio Regulations (Satellite)
400.05 - 400.15 MHz			
STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) 5.261 5.262	FIXED 5.262 MOBILE 5.262 STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) 5.261	PMR	
400.15 - 401 MHz			
METEOROLOGICAL AIDS	FIXED 5.262	PMR/PAMR MSS Earth stations	Radio Regulations (Satellite)
METEOROLOGICAL-SATELLITE (space-to-Earth)	METEOROLOGICAL AIDS		
MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209	METEOROLOGICAL-SATELLITE (space-to-Earth)		
SPACE RESEARCH (space-to-Earth) 5.263	MOBILE 5.262		
Space operation (space-to-Earth)	MOBILE-SATELLITE (space-to-Earth) 5.208A 5.208B 5.209		
5.262 5.264	SPACE RESEARCH (space-to-Earth) 5.263		
	Space operation (space-to-Earth)		

ITU Region 1	KSA Band Allocation	Usage	Notes
	5.264		
401 - 402 MHz			
EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (Earth-to-space) SPACE OPERATION (space-to-Earth) Fixed Mobile except aeronautical mobile 5.264A 5.264B	EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (Earth-to-space) SPACE OPERATION (space-to-Earth) Fixed Mobile except aeronautical mobile 5.264A 5.264B	Short Range Devices Active medical implants PMR/PAMR	
402 - 403 MHz			
EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile 5.264A 5.264B	EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile 5.264A 5.264B	Short Range Devices Active medical implants PMR/PAMR	
403 - 405 MHz			
METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile 5.265	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile 5.265		
405 - 406 MHz			
METEOROLOGICAL AIDS	METEOROLOGICAL AIDS		

ITU Region 1	KSA Band Allocation	Usage	Notes
Fixed Mobile except aeronautical mobile 5.265	Fixed Mobile except aeronautical mobile 5.265	Short Range Devices Active medical implants PMR/PAMR PMR	
406 - 406.1 MHz			
MOBILE-SATELLITE (Earth-to-space) 5.265 5.266 5.267	MOBILE-SATELLITE (Earth-to-space) 5.265 5.266 5.267	GMDSS EPIRBs PMR/PAMR PMR	Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite)
406.1 - 408 MHz			
FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.265	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.265		
408 - 410 MHz			
FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.265	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY 5.149 5.265		
410 - 417 MHz			
FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) 5.268	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) 5.268	PMR/PAMR PMSE Service links	Radio Regulations Annex 8 (PMSE)
417 - 420 MHz			
FIXED MOBILE except aeronautical mobile	FIXED MOBILE except aeronautical mobile		

ITU Region 1	KSA Band Allocation	Usage	Notes
SPACE RESEARCH (space-to-space) 5.268	SPACE RESEARCH (space-to-space) 5.268		
420 - 427 MHz			
FIXED MOBILE except aeronautical mobile Radiolocation	FIXED MOBILE except aeronautical mobile Radiolocation	PMR/PAMR PMSE Service links	Radio Regulations Annex 8 (PMSE)
427 - 430 MHz			
FIXED MOBILE except aeronautical mobile Radiolocation	FIXED MOBILE except aeronautical mobile Radiolocation		
430 - 432 MHz			
AMATEUR RADIOLOCATION 5.276	AMATEUR FIXED 5.276 MOBILE except aeronautical mobile 5.276 RADIOLOCATION	PMR/PAMR	
432 - 434 MHz			
AMATEUR RADIOLOCATION Earth exploration-satellite (active) 5.279A 5.138 5.276 5.282	FIXED 5.276 MOBILE except aeronautical mobile 5.276 RADIOLOCATION Earth exploration-satellite (active) 5.279A 5.138 5.282		
434 - 435 MHz			
AMATEUR RADIOLOCATION	AMATEUR FIXED 5.276	Short Range Devices Non-specific SRD PMR/PAMR PMR	ISM in 433.05-434.79 MHz

ITU Region 1	KSA Band Allocation	Usage	Notes
Earth exploration-satellite (active) 5.279A 5.138 5.276 5.282	MOBILE except aeronautical mobile 5.276 Earth exploration-satellite (active) 5.279A 5.138 5.282		
435 - 438 MHz			
AMATEUR RADIOLOCATION Earth exploration-satellite (active) 5.279A 5.138 5.276 5.282	AMATEUR FIXED 5.276 MOBILE except aeronautical mobile 5.276 RADIOLOCATION Earth exploration-satellite (active) 5.279A 5.138 5.282	PMR/PAMR	
438 - 440 MHz			
AMATEUR RADIOLOCATION 5.276	FIXED 5.276 MOBILE except aeronautical mobile 5.276 RADIOLOCATION		
440 - 444 MHz			
FIXED MOBILE except aeronautical mobile Radiolocation 5.286	FIXED MOBILE except aeronautical mobile Radiolocation 5.286		
444 - 448 MHz			
FIXED MOBILE except aeronautical mobile Radiolocation	FIXED MOBILE except aeronautical mobile Radiolocation	PMR/PAMR, Paging PMSE Service links	Radio Regulations Annex 8 (PMSE)

ITU Region 1	KSA Band Allocation	Usage	Notes
5.286	5.286		
448 – 450 MHz			
FIXED MOBILE except aeronautical mobile Radiolocation 5.286	FIXED MOBILE except aeronautical mobile Radiolocation 5.286		
450 – 455 MHz			
FIXED MOBILE 5.286AA 5.209 5.286 5.286A	FIXED MOBILE 5.286AA 5.209 5.286 5.286A	IMT	
455 – 456 MHz			
FIXED MOBILE 5.286AA 5.209 5.286A	FIXED MOBILE 5.286AA 5.209 5.286A	IMT	
456 – 457 MHz			
FIXED MOBILE 5.286AA 5.287	FIXED MOBILE 5.286AA 5.287	PMR/PAMR	
457 – 459 MHz			
FIXED MOBILE 5.286AA 5.287	FIXED MOBILE 5.286AA 5.287		Radio Regulations Annex 3 (Maritime)
459 – 460 MHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED MOBILE 5.286AA 5.209 5.286A	FIXED MOBILE 5.286AA 5.209 5.286A		Radio Regulations Annex 3 (Maritime)
460 - 467 MHz			
FIXED MOBILE 5.286AA Meteorological-satellite (space-to-Earth) 5.287 5.289	FIXED MOBILE 5.286AA Meteorological-satellite (space-to-Earth) 5.287 5.289	IMT	Radio Regulations Annex 3 (Maritime)
467 - 470 MHz			
FIXED MOBILE 5.286AA Meteorological-satellite (space-to-Earth) 5.287 5.289	FIXED MOBILE 5.286AA Meteorological-satellite (space-to-Earth) 5.287 5.289		Radio Regulations Annex 3 (Maritime)
470 - 614 MHz			
BROADCASTING 5.149 5.294 5.295A 5.296 5.300 5.306 5.307A 5.307B	BROADCASTING Fixed 5.294 5.300 Land mobile 5.296 5.149 5.295A 5.306 5.307A 5.307B	Broadcasting (terrestrial) DVB-T Audio PMSE In-ear monitors, Radio microphones, Audio links	Radio Regulations Annex 4 (Broadcasting) Radio Regulations Annex 8 (PMSE) ITU GE 06 Plan
614 - 694 MHz			
BROADCASTING 5.149 5.294 5.295A 5.296 5.300 5.306 5.307A 5.307B	MOBILE except aeronautical mobile 5.307A LAND MOBILE 5.296 Fixed 5.294 5.300 5.149 5.295A 5.306 5.307B		Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 2 (IMT) 617 - 652 paired with 663-698 MHz assigned for IMT use in 2024 IMT auction

ITU Region 1	KSA Band Allocation	Usage	Notes
694 - 790 MHz			
BROADCASTING MOBILE except aeronautical mobile 5.312A 5.312B 5.317A 5.300	MOBILE except aeronautical mobile 5.312A 5.312B 5.317A Fixed 5.300		Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 2 (IMT) 617 - 652 paired with 663-698 MHz assigned for IMT use in 2024 IMT auction
790 - 862 MHz			
BROADCASTING FIXED MOBILE except aeronautical mobile 5.312B 5.316B 5.317A 5.319	BROADCASTING FIXED MOBILE except aeronautical mobile 5.312B 5.316B 5.317A	IMT Audio PMSE In-ear monitors, Radio microphones	Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 2 (IMT) Entire 791 - 821 paired with 832 - 862 MHz licensed for IMT after 2024 IMT Auction
862 - 880 MHz			
BROADCASTING FIXED MOBILE except aeronautical mobile 5.312B 5.317A 5.319	BROADCASTING FIXED MOBILE except aeronautical mobile 5.312B 5.317A	IMT	874.4-880 paired with 919.5 - 925 MHz used for GSM-R - potential refarming for FRMCS
880 - 890 MHz			
BROADCASTING FIXED MOBILE except aeronautical mobile 5.312B 5.317A 5.319	BROADCASTING FIXED MOBILE except aeronautical mobile 5.312B 5.317A	IMT	Radio Regulations Annex 2 (IMT)
890 - 942 MHz			
BROADCASTING FIXED MOBILE except aeronautical mobile 5.312B 5.317A	FIXED MOBILE except aeronautical mobile 5.312B 5.317A Radiolocation		Radio Regulations Annex 2 (IMT) 874.4-880 paired with 919.5 - 925 MHz used for GSM-R - potential refarming for FRMCS

ITU Region 1	KSA Band Allocation	Usage	Notes
Radiolocation			
942 - 960 MHz			
BROADCASTING FIXED MOBILE except aeronautical mobile 5.312B 5.317A	FIXED MOBILE except aeronautical mobile 5.312B 5.317A		Radio Regulations Annex 2 (IMT)
960 - 1164 MHz			
AERONAUTICAL MOBILE (R) 5.327A AERONAUTICAL RADIONAVIGATION 5.328 5.328AA	AERONAUTICAL MOBILE (R) 5.327A AERONAUTICAL RADIONAVIGATION 5.328 5.328AA	Aeronautical communications AGA communications Aeronautical navigation DME, Secondary radar	Radio Regulations (Aeronautical) ICAO App 10
1164 - 1215 MHz			
AERONAUTICAL RADIONAVIGATION 5.328 RADIONAVIGATION-SATELLITE (space- to-Earth) 5.328B RADIONAVIGATION-SATELLITE (space- to-space) 5.328B 5.328A	AERONAUTICAL RADIONAVIGATION 5.328 RADIONAVIGATION-SATELLITE (space- to-Earth) (space-to-space) 5.328B 5.328A	Aeronautical navigation DME Satellite navigation systems GALILEO, GLONASS	Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime) Radio Regulations (Aeronautical)
1215 - 1240 MHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space- to-Earth) 5.328B 5.329 5.329A RADIONAVIGATION-SATELLITE (space- to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active) 5.330 5.331 5.332	EARTH EXPLORATION-SATELLITE (active) FIXED 5.330 MOBILE 5.330 RADIOLOCATION RADIONAVIGATION 5.331 RADIONAVIGATION-SATELLITE (space- to-Earth) (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active)	Satellite navigation systems GPS	Radio Regulations Annex 3 (Maritime)

ITU Region 1	KSA Band Allocation	Usage	Notes
	5.332		
1240 - 1300 MHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION-SATELLITE (space-to-Earth) 5.328B 5.329 5.329A RADIONAVIGATION-SATELLITE (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active) Amateur 5.282 5.330 5.331 5.332 5.332A 5.335A	EARTH EXPLORATION-SATELLITE (active) FIXED 5.330 MOBILE 5.330 RADIOLOCATION RADIONAVIGATION 5.331 RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.329 5.329A SPACE RESEARCH (active) Amateur 5.282 5.332 5.332A 5.335A		Radio Regulations Annex 3 (Maritime)
1300 - 1350 MHz			
AERONAUTICAL RADIONAVIGATION 5.337 RADIOLOCATION RADIONAVIGATION-SATELLITE (Earth-to-space) 5.149 5.337A	AERONAUTICAL RADIONAVIGATION 5.337 RADIOLOCATION RADIONAVIGATION-SATELLITE (Earth-to-space) 5.149 5.337A	Aeronautical surveillance Primary radar Satellite navigation systems	Radio Regulations (Aeronautical) ICAO Ann 10
1350 - 1400 MHz			
FIXED MOBILE RADIOLOCATION 5.149 5.338A 5.339	FIXED MOBILE RADIOLOCATION 5.149 5.338A 5.339		
1400 - 1427 MHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341		
1427 – 1429 MHz			
FIXED MOBILE except aeronautical mobile 5.341A SPACE OPERATION (Earth-to-space) 5.338A 5.341	FIXED MOBILE except aeronautical mobile 5.341A SPACE OPERATION (Earth-to-space) 5.338A 5.341	IMT	Radio Regulations Annex 2 (IMT) Planned licensed spectrum release for IMT in the 1427 - 1517 MHz band
1429 – 1452 MHz			
FIXED MOBILE except aeronautical mobile 5.341A 5.338A 5.341	FIXED MOBILE except aeronautical mobile 5.341A 5.338A 5.341	IMT	Radio Regulations Annex 2 (IMT) Planned licensed spectrum release for IMT in the 1427 - 1517 MHz band
1452 – 1492 MHz			
BROADCASTING BROADCASTING-SATELLITE 5.208B FIXED MOBILE except aeronautical mobile 5.346 5.341 5.345	FIXED MOBILE except aeronautical mobile 5.346 5.341 5.345		Radio Regulations Annex 2 (IMT) Planned licensed spectrum release for IMT in the 1427 - 1517 MHz band
1492 – 1518 MHz			
FIXED MOBILE except aeronautical mobile 5.341A 5.341	FIXED MOBILE except aeronautical mobile 5.341A 5.341	IMT	Radio Regulations Annex 2 (IMT) Planned licensed spectrum release for IMT in the 1427 - 1517 MHz band

ITU Region 1	KSA Band Allocation	Usage	Notes
1518 - 1525 MHz			
FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) 5.348 5.348B 5.351A 5.341	FIXED MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) 5.348 5.348B 5.351A 5.341	MSS Earth stations	Radio Regulations (Satellite)
1525 - 1530 MHz			
FIXED MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A SPACE OPERATION (space-to-Earth) Earth exploration-satellite Mobile except aeronautical mobile 5.349 5.341 5.351 5.352A 5.354	FIXED MOBILE except aeronautical mobile 5.349 MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A SPACE OPERATION (space-to-Earth) Earth exploration-satellite 5.341 5.351 5.352A 5.354	MSS Earth stations	Radio Regulations (Satellite)
1530 - 1535 MHz			
MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.353A SPACE OPERATION (space-to-Earth) Earth exploration-satellite Fixed Mobile except aeronautical mobile 5.341 5.351 5.354	MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.353A SPACE OPERATION (space-to-Earth) Earth exploration-satellite Fixed Mobile except aeronautical mobile 5.341 5.351 5.354	MSS Earth stations	Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite)
1535 - 1550 MHz			
MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.341 5.351 5.353A 5.354 5.356 5.357 5.357A 5.359	MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.341 5.351 5.353A 5.354 5.356 5.357 5.357A		Radio Regulations Annex 3 (Maritime)
1550 - 1559 MHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.341 5.351 5.353A 5.354 5.356 5.357 5.357A 5.359	FIXED 5.359 MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.341 5.351 5.353A 5.354 5.356 5.357 5.357A		
1559 – 1610 MHz			
AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) 5.208B 5.328B 5.329A RADIONAVIGATION-SATELLITE (space-to-space) 5.208B 5.328B 5.329A 5.341	AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.208B 5.328B 5.329A 5.341	Satellite navigation systems GPS, GLONASS	Radio Regulations (Aeronautical) ICAO Annex 10
1610 – 1610.6 MHz			
AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341 5.359 5.364 5.366 5.367 5.368 5.371 5.372	AERONAUTICAL RADIONAVIGATION FIXED 5.359 MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341 5.364 5.366 5.367 5.368 5.371 5.372	MSS Earth stations	Radio Regulations (Aeronautical) Radio Regulations (Satellite)
1610.6 – 1613.8 MHz			
AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY 5.149 5.341 5.359 5.364 5.366 5.367 5.368 5.371 5.372	AERONAUTICAL RADIONAVIGATION FIXED 5.359 MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY 5.149 5.341 5.364 5.366 5.367 5.368 5.371 5.372	MSS Earth stations	Radio Regulations (Aeronautical) Radio Regulations (Satellite)
1613.8 – 1621.35 MHz			
AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (Earth-to-space) 5.351A	AERONAUTICAL RADIONAVIGATION FIXED 5.359	MSS Earth stations	Radio Regulations (Aeronautical) Radio Regulations (Satellite)

ITU Region 1	KSA Band Allocation	Usage	Notes
Mobile-satellite (space-to-Earth) 5.208B 5.341 5.359 5.364 5.365 5.366 5.367 5.368 5.371 5.372 5.372A	MOBILE-SATELLITE (Earth-to-space) 5.351A Mobile-satellite (space-to-Earth) 5.208B 5.341 5.364 5.365 5.366 5.367 5.368 5.371 5.372 5.372A		
1621.35 - 1626.5 MHz			
AERONAUTICAL RADIONAVIGATION MARITIME MOBILE-SATELLITE (space-to-Earth) 5.373 5.373A MOBILE-SATELLITE (Earth-to-space) 5.351A Mobile-satellite (space-to-Earth) except maritime mobile-satellite (space-to-Earth) 5.208B 5.341 5.359 5.364 5.365 5.366 5.367 5.368 5.371 5.372	AERONAUTICAL RADIONAVIGATION FIXED 5.359 MARITIME MOBILE-SATELLITE (space-to-Earth) 5.373 5.373A MOBILE-SATELLITE (Earth-to-space) 5.351A Mobile-satellite (space-to-Earth) except maritime mobile-satellite (space-to-Earth) 5.208B 5.341 5.364 5.365 5.366 5.367 5.368 5.371 5.372	MSS Earth stations	Radio Regulations (Aeronautical) Radio Regulations (Satellite)
1626.5 - 1660 MHz			
MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341 5.351 5.353A 5.354 5.357A 5.359 5.374 5.375 5.376	FIXED 5.359 MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341 5.351 5.353A 5.354 5.357A 5.374 5.375 5.376	MSS Earth stations	Radio Regulations (Aeronautical) Radio Regulations (Satellite)
1660 - 1660.5 MHz			
MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY 5.149 5.341 5.351 5.354 5.376A	MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY 5.149 5.341 5.351 5.354 5.376A	MSS Earth stations	Radio Regulations (Aeronautical) Radio Regulations (Satellite)
1660.5 - 1668 MHz			
RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile	RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile		

ITU Region 1	KSA Band Allocation	Usage	Notes
5.149 5.341 5.379A	5.149 5.341 5.379A		
1668 – 1668.4 MHz			
MOBILE-SATELLITE (Earth-to-space) 5.351A 5.379B 5.379C RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379A	MOBILE-SATELLITE (Earth-to-space) 5.351A 5.379B 5.379C RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.341 5.379A	MSS Earth stations	Radio Regulations (Satellite)
1668.4 – 1670 MHz			
FIXED METEOROLOGICAL AIDS MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) 5.351A 5.379B 5.379C RADIO ASTRONOMY 5.149 5.341 5.379D 5.379E	FIXED METEOROLOGICAL AIDS MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) 5.351A 5.379B 5.379C RADIO ASTRONOMY 5.149 5.341 5.379D 5.379E	MSS Earth stations	Radio Regulations (Satellite)
1670 – 1675 MHz			
FIXED METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.379B 5.341 5.379D 5.379E 5.380A	FIXED METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.379B 5.341 5.379D 5.379E 5.380A	MSS Earth stations	Radio Regulations (Satellite)

ITU Region 1	KSA Band Allocation	Usage	Notes
1675 – 1690 MHz			
FIXED METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.341	FIXED METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.341		
1690 – 1700 MHz			
METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) Fixed Mobile except aeronautical mobile 5.289 5.341 5.382	FIXED 5.382 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.382 5.289 5.341		
1700 – 1710 MHz			
FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.289 5.341	FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.289 5.341		
1710 – 1880 MHz			
FIXED MOBILE 5.384A 5.388A 5.149 5.341 5.385 5.388	FIXED MOBILE 5.384A 5.388A 5.149 5.341 5.385 5.388	IMT PMSE In-ear monitors, Radio microphones	Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 2 (IMT)
1880 – 1920 MHz			
FIXED	FIXED		

ITU Region 1	KSA Band Allocation	Usage	Notes
MOBILE 5.384A 5.388A 5.149 5.341 5.385 5.388	MOBILE 5.384A 5.388A 5.149 5.341 5.385 5.388	Cordless communications for voice and data DECT	1900-1910 MHz identified for future award for FRMCS (an IMT system)
1920 - 1930 MHz			
FIXED MOBILE 5.384A 5.388A 5.149 5.341 5.385 5.388	FIXED MOBILE 5.384A 5.388A 5.149 5.341 5.385 5.388	IMT	Radio Regulations Annex 2 (IMT)
1930 - 1970 MHz			
FIXED MOBILE 5.388A 5.388	FIXED MOBILE 5.388A 5.388	IMT	Radio Regulations Annex 2 (IMT)
1970 - 1980 MHz			
FIXED MOBILE 5.388A 5.388	FIXED MOBILE 5.388A 5.388	IMT	Radio Regulations Annex 2 (IMT)
1980 - 2010 MHz			
FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.388 5.389A	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 5.351A 5.388 5.389A	IMT MSS Earth stations	Radio Regulations Annex 2 (IMT) Radio Regulations (Satellite)
2010 - 2025 MHz			
FIXED MOBILE 5.388A 5.388	FIXED MOBILE 5.388A 5.388		Radio Regulations Annex 8 (PMSE)

ITU Region 1	KSA Band Allocation	Usage	Notes
2025 - 2110 MHz			
EARTH EXPLORATION-SATELLITE (Earth-to-space) EARTH EXPLORATION-SATELLITE (space-to-space) FIXED MOBILE 5.391 SPACE OPERATION (Earth-to-space) SPACE OPERATION (space-to-space) SPACE RESEARCH (Earth-to-space) SPACE RESEARCH (space-to-space) 5.392	EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) FIXED MOBILE 5.391 SPACE OPERATION (Earth-to-space) (space-to-space) SPACE RESEARCH (Earth-to-space) (space-to-space) 5.392		
2110 - 2120 MHz			
FIXED MOBILE 5.388A SPACE RESEARCH (deep space) (Earth-to-space) 5.388	FIXED MOBILE 5.388A SPACE RESEARCH (deep space) (Earth-to-space) 5.388	IMT Video PMSE Video links, Cordless cameras	Radio Regulations Annex 2 (IMT)
2120 - 2160 MHz			
FIXED MOBILE 5.388A 5.388	FIXED MOBILE 5.388A 5.388	IMT	Radio Regulations Annex 2 (IMT)
2160 - 2170 MHz			
FIXED MOBILE 5.388A 5.388	FIXED MOBILE 5.388A 5.388	IMT	Radio Regulations Annex 2 (IMT)

ITU Region 1	KSA Band Allocation	Usage	Notes
2170 - 2200 MHz			
FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A 5.388 5.389A	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A 5.388 5.389A	IMT MSS Earth stations	Radio Regulations Annex 2 (IMT) Radio Regulations (Satellite)
2200 - 2290 MHz			
EARTH EXPLORATION-SATELLITE (space-to-Earth) EARTH EXPLORATION-SATELLITE (space-to-space) FIXED MOBILE 5.391 SPACE OPERATION (space-to-Earth) SPACE OPERATION (space-to-space) SPACE RESEARCH (space-to-Earth) SPACE RESEARCH (space-to-space) 5.392	EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) FIXED MOBILE 5.391 SPACE OPERATION (space-to-Earth) (space-to-space) SPACE RESEARCH (space-to-Earth) (space-to-space) 5.392		
2290 - 2300 MHz			
FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)		
2300 - 2400 MHz			
FIXED MOBILE 5.384A Amateur	FIXED MOBILE 5.384A Amateur	IMT	Radio Regulations Annex 2 (IMT)

ITU Region 1	KSA Band Allocation	Usage	Notes
Radiolocation 5.150 5.282	Radiolocation 5.150 5.282		
2400 - 2450 MHz			
FIXED MOBILE 5.384A Amateur Radiolocation 5.150 5.282	FIXED MOBILE 5.384A Amateur Radiolocation 5.150 5.282	Wideband data transmission systems RLAN	Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 1 (WLAN) ISM in 2400-2500 MHz
2450 - 2483.5 MHz			
FIXED MOBILE Radiolocation 5.150	FIXED MOBILE Radiolocation 5.150	Wideband data transmission systems RLAN Video PMSE Video links, Cordless cameras	Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 1 (WLAN) ISM in 2400-2500 MHz
2483.5 - 2500 MHz			
FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A RADIODETERMINATION-SATELLITE (space-to-Earth) 5.398 Radiolocation 5.150 5.368 5.372A 5.402	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 5.351A RADIODETERMINATION-SATELLITE (space-to-Earth) 5.398 Radiolocation 5.150 5.372A 5.402	MSS Earth stations Video PMSE Video links, Cordless cameras	Radio Regulations (Satellite)
2500 - 2520 MHz			
FIXED 5.410 MOBILE except aeronautical mobile 5.384A 5.409A	FIXED 5.410 MOBILE except aeronautical mobile 5.384A 5.409A	IMT	Radio Regulations Annex 2 (IMT)

ITU Region 1	KSA Band Allocation	Usage	Notes
2520 - 2655 MHz			
BROADCASTING-SATELLITE 5.413 5.416 FIXED 5.410 MOBILE except aeronautical mobile 5.384A 5.409A 5.339 5.418B 5.418C	FIXED 5.410 MOBILE except aeronautical mobile 5.384A 5.409A 5.339 5.418B 5.418C		Radio Regulations Annex 2 (IMT)
2655 - 2670 MHz			
BROADCASTING-SATELLITE 5.208B 5.413 5.416 FIXED 5.410 MOBILE except aeronautical mobile 5.384A 5.409A Earth exploration-satellite (passive) Radio astronomy Space research (passive) 5.149	FIXED 5.410 MOBILE except aeronautical mobile 5.384A 5.409A Earth exploration-satellite (passive) Radio astronomy Space research (passive) 5.149		Radio Regulations Annex 2 (IMT)
2670 - 2690 MHz			
FIXED 5.410 MOBILE except aeronautical mobile 5.384A 5.409A Earth exploration-satellite (passive) Radio astronomy Space research (passive) 5.149	FIXED 5.410 MOBILE except aeronautical mobile 5.384A 5.409A Earth exploration-satellite (passive) Radio astronomy Space research (passive) 5.149	IMT	Radio Regulations Annex 2 (IMT)

ITU Region 1	KSA Band Allocation	Usage	Notes
2690 - 2700 MHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.422	EARTH EXPLORATION-SATELLITE (passive) FIXED 5.422 MOBILE except aeronautical mobile 5.422 RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
2700 - 2900 MHz			
AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation 5.423	AERONAUTICAL RADIONAVIGATION 5.337 Radiolocation 5.423	Aeronautical surveillance Primary radar	Radio Regulations (Aeronautical)
2900 - 3100 MHz			
RADIOLOCATION 5.424A RADIONAVIGATION 5.426 5.425 5.427	RADIOLOCATION 5.424A RADIONAVIGATION 5.426 5.425 5.427		Radio Regulations (Aeronautical) Radio Regulations Annex 3 (Maritime)
3100 - 3300 MHz			
RADIOLOCATION Earth exploration-satellite (active) Space research (active) 5.149	RADIOLOCATION Earth exploration-satellite (active) Space research (active) 5.149		Radio Regulations Annex 3 (Maritime)
3300 - 3400 MHz			
RADIOLOCATION 5.149 5.429	FIXED 5.429 MOBILE 5.429		Radio Regulations Annex 3 (Maritime)

ITU Region 1	KSA Band Allocation	Usage	Notes
	RADIOLOCATION 5.149		
3400 - 3600 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.430A Radiolocation	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.430A Radiolocation	IMT	Radio Regulations Annex 2 (IMT)
3600 - 3800 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.434A 5.434B	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.434A 5.434B	IMT	Radio Regulations Annex 2 (IMT)
3800 - 4000 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) Mobile	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	FSS Earth stations IMT	Radio Regulations Annex 2 (IMT) Radio Regulations (Satellite) 3800 - 4000 MHz licensed for IMT following the 2024 IMT Auction ITU-R Rec S.1587
4000 - 4200 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) Mobile	FIXED FIXED-SATELLITE (space-to-Earth) Mobile	FSS Earth stations IMT	Radio Regulations (Satellite) Planned lightly-licensed spectrum release in the 4100 - 4200 MHz band ITU-R Rec S.1587
4200 - 4400 MHz			
AERONAUTICAL MOBILE (R) 5.436	AERONAUTICAL MOBILE (R) 5.436	Aeronautical navigation Altimeters	Radio Regulations (Aeronautical)

ITU Region 1	KSA Band Allocation	Usage	Notes
AERONAUTICAL RADIONAVIGATION 5.438 5.437 5.440	AERONAUTICAL RADIONAVIGATION 5.438 5.437 5.440		
4400 - 4500 MHz			
FIXED MOBILE	FIXED MOBILE		
4500 - 4800 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE	FIXED FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE		
4800 - 4990 MHz			
FIXED MOBILE Radio astronomy 5.149 5.339	FIXED MOBILE Radio astronomy 5.149 5.339		
4990 - 5000 MHz			
FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive) 5.149	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY Space research (passive) 5.149		
5000 - 5010 MHz			
AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION	AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION	Aeronautical navigation MLS	Radio Regulations (Aeronautical)

ITU Region 1	KSA Band Allocation	Usage	Notes
RADIONAVIGATION-SATELLITE (Earth-to-space)	RADIONAVIGATION-SATELLITE (Earth-to-space)		
5010 - 5030 MHz			
AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) RADIONAVIGATION-SATELLITE (space-to-space) 5.328B 5.443B	AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION RADIONAVIGATION-SATELLITE (space-to-Earth) (space-to-space) 5.328B 5.443B		
5030 - 5091 MHz			
AERONAUTICAL MOBILE (R) 5.443C AERONAUTICAL MOBILE-SATELLITE (R) 5.443D AERONAUTICAL RADIONAVIGATION 5.444	AERONAUTICAL MOBILE (R) 5.443C AERONAUTICAL MOBILE-SATELLITE (R) 5.443D AERONAUTICAL RADIONAVIGATION 5.444		Planned licensing in the 5030 - 5091 MHz band of up to 50 MHz for drones
5091 - 5150 MHz			
AERONAUTICAL MOBILE 5.444B AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.444A 5.444	AERONAUTICAL MOBILE 5.444B AERONAUTICAL MOBILE-SATELLITE (R) 5.443AA AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.444A 5.444		
5150 - 5250 MHz			
AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.447A MOBILE except aeronautical mobile 5.446A 5.446B 5.447B 5.447C	AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.447A MOBILE except aeronautical mobile 5.446A 5.446B 5.447B 5.447C		Radio Regulations Annex 1 (WLAN)

ITU Region 1	KSA Band Allocation	Usage	Notes
5250 - 5255 MHz			
EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile 5.446A 5.447F RADIOLOCATION SPACE RESEARCH 5.447D 5.448A	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile 5.446A 5.447F RADIOLOCATION SPACE RESEARCH 5.447D 5.448A	Wideband data transmission systems RLAN	Radio Regulations Annex 1 (WLAN)
5255 - 5350 MHz			
EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile 5.446A 5.447F RADIOLOCATION SPACE RESEARCH (active) 5.448A	EARTH EXPLORATION-SATELLITE (active) MOBILE except aeronautical mobile 5.446A 5.447F RADIOLOCATION SPACE RESEARCH (active) 5.448A	Wideband data transmission systems RLAN	Radio Regulations Annex 1 (WLAN)
5350 - 5460 MHz			
AERONAUTICAL RADIONAVIGATION 5.449 EARTH EXPLORATION-SATELLITE (active) 5.448B RADIOLOCATION 5.448D SPACE RESEARCH (active) 5.448C	AERONAUTICAL RADIONAVIGATION 5.449 EARTH EXPLORATION-SATELLITE (active) 5.448B RADIOLOCATION 5.448D SPACE RESEARCH (active) 5.448C		Radio Regulations (Aeronautical)
5460 - 5470 MHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION 5.448D RADIONAVIGATION 5.449 SPACE RESEARCH (active) 5.448B	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION 5.448D RADIONAVIGATION 5.449 SPACE RESEARCH (active) 5.448B		

ITU Region 1	KSA Band Allocation	Usage	Notes
5470 – 5570 MHz			
EARTH EXPLORATION-SATELLITE (active) MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B SPACE RESEARCH (active) 5.448B	EARTH EXPLORATION-SATELLITE (active) MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B SPACE RESEARCH (active) 5.448B	Wideband data transmission systems RLAN	Radio Regulations Annex 1 (WLAN)
5570 – 5650 MHz			
MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B 5.452	MARITIME RADIONAVIGATION MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION 5.450B 5.452	Wideband data transmission systems RLAN	Radio Regulations Annex 1 (WLAN)
5650 – 5725 MHz			
MOBILE except aeronautical mobile 5.446A 5.450A RADIOLOCATION Amateur Space research (deep space) 5.282 5.453	FIXED 5.453 MOBILE except aeronautical mobile 5.446A 5.450A 5.453 RADIOLOCATION Amateur Space research (deep space) 5.282	Wideband data transmission systems RLAN	Radio Regulations Annex 1 (WLAN)
5725 – 5830 MHz			
FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur	FIXED 5.453 FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile 5.453	Short Range Devices Non-specific SRD FSS Earth stations VSAT, SIT/SUT Wideband data transmission systems RLAN	Radio Regulations (Satellite) Radio Regulations Annex 1 (WLAN) ISM in 5725-5825 MHz

ITU Region 1	KSA Band Allocation	Usage	Notes
5.150 5.453	RADIOLOCATION Amateur 5.150		
5830 - 5850 MHz			
FIXED-SATELLITE (Earth-to-space) RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) 5.150 5.453	FIXED 5.453 FIXED-SATELLITE (Earth-to-space) MOBILE except aeronautical mobile 5.453 RADIOLOCATION Amateur Amateur-satellite (space-to-Earth) 5.150	Short Range Devices Non-specific SRD FSS Earth stations VSAT, SIT/SUT Wideband data transmission systems RLAN	Radio Regulations (Satellite) Radio Regulations Annex 1 (WLAN)
5850 - 5925 MHz			
FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.150	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.150	Short Range Devices Non-specific SRD FSS Earth stations VSAT, SIT/SUT Wideband data transmission systems RLAN	Radio Regulations (Satellite) Radio Regulations Annex 1 (WLAN) Planned license-exempt spectrum release in the 5855 - 5905 MHz band of up to 50 MHz for V2X
5925 - 6700 MHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B MOBILE 5.457E 5.149 5.440 5.458	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B MOBILE 5.457E 5.149 5.440 5.458	FSS Earth stations VSAT, SIT/SUT Wideband data transmission systems RLAN	Radio Regulations (Satellite) Radio Regulations Annex 1 (WLAN) Planned lightly-licensed spectrum release in the 5925 - 7125 MHz band (outdoors)
6700 - 7075 MHz			
FIXED	FIXED		

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED-SATELLITE (Earth-to-space) 5.441 FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE 5.457E 5.458 5.458A 5.458B	FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441 MOBILE 5.457E 5.458 5.458A 5.458B	FSS Earth stations VSAT, SIT/SUT Wideband data transmission systems RLAN UWB applications Video PMSE Video links, Camera links	Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) Radio Regulations Annex 1 (WLAN) Planned lightly-licensed spectrum release in the 5925 - 7125 MHz band (outdoors)
7075 - 7145 MHz			
FIXED MOBILE 5.457E 5.458	FIXED MOBILE 5.457E 5.458	Point-to-point, Point-to-multipoint Wideband data transmission systems RLAN Video PMSE Video links, Camera links UWB applications	Radio Regulations Annex 5 (Fixed Links) L7 GHz 7125-7425 MHz Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 1 (WLAN) Planned lightly-licensed spectrum release in the 5925 - 7125 MHz band (outdoors) Channel plans for fixed links ITU-R F.385
7145 - 7190 MHz			
FIXED MOBILE SPACE RESEARCH (deep space) (Earth- to-space) 5.458	FIXED MOBILE SPACE RESEARCH (Earth-to-space) 5.458	Point-to-point, Point-to-multipoint UWB applications Video PMSE Video links, Camera links	Radio Regulations Annex 5 (Fixed Links) L7 GHz 7125-7425 MHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.385
7190 - 7235 MHz			
EARTH EXPLORATION-SATELLITE (Earth-to-space) 5.460A 5.460B FIXED MOBILE SPACE RESEARCH (Earth-to-space) 5.460 5.458	EARTH EXPLORATION-SATELLITE (Earth-to-space) 5.460A 5.460B FIXED MOBILE SPACE RESEARCH (EARTH-TO-SPACE) 5.460 5.458	Point-to-point, Point-to-multipoint UWB applications Video PMSE Video links, Camera links	Radio Regulations Annex 5 (Fixed Links) L7 GHz 7125-7425 MHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.385
7235 - 7250 MHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
EARTH EXPLORATION-SATELLITE (Earth-to-space) 5.460A FIXED MOBILE 5.458	EARTH EXPLORATION-SATELLITE (Earth-to-space) 5.460A FIXED MOBILE 5.458	Point-to-point, Point-to-multipoint UWB applications Video PMSE Video links, Camera links	Radio Regulations Annex 5 (Fixed Links) L7 GHz 7125-7425 MHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.385
7250 - 7300 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) MOBILE 5.461	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE 5.461	FSS Earth stations Point-to-point, Point-to-multipoint Video PMSE Video links, Camera links UWB applications	Radio Regulations Annex 5 (Fixed Links) L7 GHz 7125-7425 MHz Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.385
7300 - 7375 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.461	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.461	FSS Earth stations Point-to-point, Point-to-multipoint Video PMSE Video links, Camera links UWB applications	Radio Regulations Annex 5 (Fixed Links) L7 GHz 7125-7425 MHz Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.385
7375 - 7450 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) MARITIME MOBILE-SATELLITE (space- to-Earth) 5.461AA 5.461AB MOBILE except aeronautical mobile 5.461AC	FIXED FIXED-SATELLITE (space-to-Earth) MARITIME MOBILE-SATELLITE (space- to-Earth) 5.461AA 5.461AB MOBILE except aeronautical mobile 5.461AC	FSS Earth stations Point-to-point, Point-to-multipoint Video PMSE Video links, Camera links	Radio Regulations Annex 5 (Fixed Links) L7 GHz 7125-7425 MHz U7 GHz 7425-7725 MHz Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.385
7450 - 7550 MHz			
FIXED FIXED-SATELLITE (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth)		Radio Regulations Annex 5 (Fixed Links) U7 GHz

ITU Region 1	KSA Band Allocation	Usage	Notes
MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.461A 5.461AC	MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 5.461A 5.461AC		7425-7725 MHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.385
7550 - 7750 MHz			
FIXED FIXED-SATELLITE (space-to-Earth) MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB MOBILE except aeronautical mobile 5.461AC	FIXED FIXED-SATELLITE (space-to-Earth) MARITIME MOBILE-SATELLITE (space-to-Earth) 5.461AA 5.461AB MOBILE except aeronautical mobile 5.461AC		Radio Regulations Annex 5 (Fixed Links) U7 GHz 7425-7725 MHz 8 GHz 7725-8500 MHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.385
7750 - 7900 MHz			
FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) 5.461B MOBILE except aeronautical mobile	FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) 5.461B MOBILE except aeronautical mobile		Radio Regulations Annex 5 (Fixed Links) 8 GHz 7725-8500 MHz Channel plans for fixed links ITU-R F.386
7900 - 8025 MHz			
FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.461	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.461		Radio Regulations Annex 5 (Fixed Links) 8 GHz 7725-8500 MHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.386
8025 - 8175 MHz			
EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED	FSS Earth stations Point-to-point, Point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 8 GHz

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	Video PMSE Video links, Camera links	7725-8500 MHz Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.386
8175 - 8215 MHz			
EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	FSS Earth stations Point-to-point, Point-to-multipoint Video PMSE Video links, Camera links UWB applications	Radio Regulations Annex 5 (Fixed Links) 8 GHz 7725-8500 MHz Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.386
8215 - 8400 MHz			
EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	EARTH EXPLORATION-SATELLITE (space-to-Earth) FIXED FIXED-SATELLITE (Earth-to-space) MOBILE 5.463 5.462A	FSS Earth stations Point-to-point, Point-to-multipoint Video PMSE Video links, Camera links UWB applications	Radio Regulations Annex 5 (Fixed Links) 8 GHz 7725-8500 MHz Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.386
8400 - 8500 MHz			
FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) 5.465	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-Earth) 5.465	Point-to-point, Point-to-multipoint Video PMSE Video links, Camera links	Radio Regulations Annex 5 (Fixed Links) 8 GHz 7725-8500 MHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.386
8500 - 8550 MHz			
RADIOLOCATION	FIXED 5.468		

ITU Region 1	KSA Band Allocation	Usage	Notes
5.468	MOBILE 5.468 RADIOLOCATION		
8550 - 8650 MHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.468 5.469A	EARTH EXPLORATION-SATELLITE (active) FIXED 5.468 MOBILE 5.468 RADIOLOCATION SPACE RESEARCH (active) 5.469A		
8650 - 8750 MHz			
RADIOLOCATION 5.468	FIXED 5.468 MOBILE 5.468 RADIOLOCATION		
8750 - 8850 MHz			
AERONAUTICAL RADIONAVIGATION 5.470 RADIOLOCATION	AERONAUTICAL RADIONAVIGATION 5.470 RADIOLOCATION		Radio Regulations (Aeronautical)
8850 - 9000 MHz			
MARITIME RADIONAVIGATION 5.472 RADIOLOCATION	MARITIME RADIONAVIGATION 5.472 RADIOLOCATION		
9000 - 9200 MHz			
AERONAUTICAL RADIONAVIGATION 5.337 RADIOLOCATION 5.473A	AERONAUTICAL RADIONAVIGATION 5.337 RADIOLOCATION 5.473A	Short Range Devices TLPR Aeronautical navigation Primary radar, ASDE	Radio Regulations (Aeronautical)

ITU Region 1	KSA Band Allocation	Usage	Notes
9200 - 9300 MHz			
EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C MARITIME RADIONAVIGATION 5.472 RADIOLOCATION 5.474 5.474D	EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C MARITIME RADIONAVIGATION 5.472 RADIOLOCATION 5.474 5.474D		Radio Regulations Annex 3 (Maritime)
9300 - 9500 MHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION 5.475 SPACE RESEARCH (active) 5.427 5.474 5.475A 5.475B 5.476A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION 5.475 SPACE RESEARCH (active) 5.427 5.474 5.475A 5.475B 5.476A	Short Range Devices TLPR Radar	Radio Regulations Annex 3 (Maritime) Radio Regulations Annex 3 (Maritime) Radio Regulations (Aeronautical)
9500 - 9800 MHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active) 5.476A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION RADIONAVIGATION SPACE RESEARCH (active) 5.476A		
9800 - 9900 MHz			
RADIOLOCATION Earth exploration-satellite (active) Fixed Space research (active) 5.477 5.478A 5.478B	FIXED 5.477 RADIOLOCATION Earth exploration-satellite (active) Space research (active) 5.478A 5.478B		

ITU Region 1	KSA Band Allocation	Usage	Notes
9900 - 10000 MHz			
EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C RADIOLOCATION Fixed 5.474D 5.477 5.479	EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C FIXED 5.477 RADIOLOCATION 5.474D 5.479		
10000 - 10400 MHz			
EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C FIXED MOBILE RADIOLOCATION Amateur 5.474D 5.479	EARTH EXPLORATION-SATELLITE (active) 5.474A 5.474B 5.474C FIXED MOBILE RADIOLOCATION Amateur 5.474D 5.479	Short Range Devices TLPR Video PMSE Video links, Camera links	Radio Regulations Annex 8 (PMSE)
10400 - 10450 MHz			
FIXED MOBILE RADIOLOCATION Amateur	FIXED MOBILE RADIOLOCATION Amateur	Short Range Devices TLPR Video PMSE Video links, Camera links	Radio Regulations Annex 8 (PMSE)
10450 - 10500 MHz			
RADIOLOCATION Amateur Amateur-satellite	RADIOLOCATION Amateur Amateur-satellite	Short Range Devices TLPR Video PMSE Video links, Camera links	
10500 - 10550 MHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED MOBILE Radiolocation	FIXED MOBILE Radiolocation	Short Range Devices TLPR, Detection of movement and alert Video PMSE Video links, Camera links	Radio Regulations Annex 8 (PMSE)
10.55 – 10.6 GHz			
FIXED MOBILE except aeronautical mobile Radiolocation	FIXED MOBILE except aeronautical mobile Radiolocation	Short Range Devices TLPR, Detection of movement and alert Video PMSE Video links, Camera links	Radio Regulations Annex 8 (PMSE)
10.6 – 10.68 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation 5.149 5.482 5.482A	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) Radiolocation 5.149 5.482 5.482A	Video PMSE Video links, Camera links	Radio Regulations Annex 8 (PMSE)
10.68 – 10.7 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.483	EARTH EXPLORATION-SATELLITE (passive) FIXED 5.483 MOBILE except aeronautical mobile 5.483 RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		

ITU Region 1	KSA Band Allocation	Usage	Notes
10.7 - 10.95 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.484 FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (Earth-to-space) 5.484 FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE except aeronautical mobile	Point-to-point, Point-to-multipoint FSS Earth stations VSAT, SIT/SUT	Radio Regulations Annex 5 (Fixed Links) 11 GHz 10.7-11.7 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.387 ESV ITU-R Rec S.1587 AES ITU-R Rec. S.1643
10.95 - 11.2 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.484 FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (Earth-to-space) 5.484 FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B MOBILE except aeronautical mobile	Point-to-point, Point-to-multipoint FSS Earth stations VSAT, SIT/SUT	Radio Regulations Annex 5 (Fixed Links) 11 GHz 10.7-11.7 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.387 ESV ITU-R Rec S.1587 AES ITU-R Rec. S.1643
11.2 - 11.45 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.484 FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (Earth-to-space) 5.484 FIXED-SATELLITE (space-to-Earth) 5.441 MOBILE except aeronautical mobile	Point-to-point, Point-to-multipoint FSS Earth stations VSAT, SIT/SUT	Radio Regulations Annex 5 (Fixed Links) 11 GHz 10.7-11.7 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.387 ESV ITU-R Rec S.1587 AES ITU-R Rec. S.1643
11.45 - 11.7 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.484 FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B MOBILE except aeronautical mobile	FIXED FIXED-SATELLITE (Earth-to-space) 5.484 FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B MOBILE except aeronautical mobile	Point-to-point, Point-to-multipoint FSS Earth stations VSAT, SIT/SUT	Radio Regulations Annex 5 (Fixed Links) 11 GHz 10.7-11.7 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.387 ESV ITU-R Rec S.1587 AES ITU-R Rec. S.1643

ITU Region 1	KSA Band Allocation	Usage	Notes
11.7 - 12.5 GHz			
BROADCASTING BROADCASTING-SATELLITE 5.492 FIXED MOBILE except aeronautical mobile 5.487 5.487A	BROADCASTING BROADCASTING-SATELLITE 5.492 FIXED MOBILE except aeronautical mobile 5.487 5.487A	Broadcasting (satellite) SIT/SUT	Radio Regulations (Satellite) In accordance with ITU-R Appendix 30
12.5 - 12.75 GHz			
FIXED-SATELLITE (Earth-to-space) FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.494 5.496	FIXED 5.494 FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B MOBILE except aeronautical mobile 5.494	FSS Earth stations SIT/SUT	Radio Regulations (Satellite) ESV ITU-R Rec S.1587
12.75 - 13.25 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.441 5.496A MOBILE Space research (deep space) (space-to-Earth)	FIXED FIXED-SATELLITE (Earth-to-space) 5.441 5.496A MOBILE Space research (deep space) (space-to-Earth)	FSS Earth stations SIT/SUT Point-to-point, Point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 13 GHz 12.75-13.25 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.497
13.25 - 13.4 GHz			
AERONAUTICAL RADIONAVIGATION 5.497 EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) 5.498A	AERONAUTICAL RADIONAVIGATION 5.497 EARTH EXPLORATION-SATELLITE (active) SPACE RESEARCH (active) 5.498A		Radio Regulations (Aeronautical)
13.4 - 13.65 GHz			
EARTH EXPLORATION-SATELLITE (active) FIXED-SATELLITE (space-to-Earth) 5.499A 5.499B	EARTH EXPLORATION-SATELLITE (active) FIXED 5.500	Short Range Devices Detection of movement and alert	

ITU Region 1	KSA Band Allocation	Usage	Notes
RADIOLOCATION SPACE RESEARCH 5.499C 5.499D Standard frequency and time signal-satellite (Earth-to-space) 5.499E 5.500 5.501B	FIXED-SATELLITE (space-to-Earth) 5.499A 5.499B MOBILE 5.500 RADIOLOCATION SPACE RESEARCH 5.499C 5.499D Standard frequency and time signal-satellite (Earth-to-space) 5.499E 5.501B		
13.65 - 13.75 GHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH 5.501A Standard frequency and time signal-satellite (Earth-to-space) 5.500 5.501B	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	Short Range Devices Detection of movement and alert	
13.75 - 14 GHz			
FIXED-SATELLITE (Earth-to-space) 5.484A RADIOLOCATION Earth exploration-satellite Space research Standard frequency and time signal-satellite (Earth-to-space) 5.500 5.502 5.503	FIXED 5.500 FIXED-SATELLITE (Earth-to-space) 5.484A MOBILE 5.500 RADIOLOCATION Earth exploration-satellite Space research Standard frequency and time signal-satellite (EARTH-TO-SPACE) 5.502 5.503	FSS Earth stations SIT/SUT, VSAT	Radio Regulations (Satellite)

ITU Region 1	KSA Band Allocation	Usage	Notes
14 - 14.25 GHz			
FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B RADIONAVIGATION 5.504 Mobile-satellite (Earth-to-space) 5.504B 5.504C 5.506A Space research 5.504A 5.505	FIXED 5.505 FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B RADIONAVIGATION 5.504 Mobile-satellite (Earth-to-space) 5.504B 5.504C 5.506A Space research 5.504A	FSS Earth stations SNG, VSAT, SIT/SUT	Radio Regulations (Satellite) ESV ITU-R Rec S.1587 AES ITU-R Rec. S.1643
14.25 - 14.3 GHz			
FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B RADIONAVIGATION 5.504 Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.508A Space research 5.504A 5.505	FIXED 5.505 FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B RADIONAVIGATION 5.504 Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.508A Space research 5.504A	FSS Earth stations SNG, VSAT, SIT/SUT	Radio Regulations (Satellite) ESV ITU-R Rec S.1587 AES ITU-R Rec. S.1643
14.3 - 14.4 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Radionavigation-satellite	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Radionavigation-satellite	FSS Earth stations SNG, VSAT, SIT/SUT	Radio Regulations (Satellite) ESV ITU-R Rec S.1587 AES ITU-R Rec. S.1643

ITU Region 1	KSA Band Allocation	Usage	Notes
5.504A	5.504A		
14.4 - 14.47 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Space research (space-to-Earth) 5.504A	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.484B 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Space research (space-to-Earth) 5.504A	FSS Earth stations SNG, VSAT, SIT/SUT Point-to-point, Point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 15 GHz 14.4-15.35 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.636
14.47 - 14.5 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Radio astronomy 5.149 5.504A	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B 5.484A 5.506 5.506B MOBILE except aeronautical mobile Mobile-satellite (Earth-to-space) 5.504B 5.506A 5.509A Radio astronomy 5.149 5.504A	FSS Earth stations SNG, VSAT, SIT/SUT Point-to-point, Point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 15 GHz 14.4-15.35 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.636 ITU RR Res S.1643
14.5 - 14.75 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.509B 5.509C 5.509D 5.509E 5.509F 5.510 MOBILE Space research 5.509G	FIXED FIXED-SATELLITE (Earth-to-space) 5.509B 5.509C 5.509D 5.509E 5.509F 5.510 MOBILE Space research 5.509G	FSS Earth stations VSAT Point-to-point, Point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 15 GHz 14.4-15.35 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.636 ESV ITU-R Rec S.1587 AES ITU-R Rec. S.1643 Feederlinks ITU-R App 30A

ITU Region 1	KSA Band Allocation	Usage	Notes
14.75 - 14.8 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.510 MOBILE Space research 5.509G	FIXED FIXED-SATELLITE (Earth-to-space) 5.510 MOBILE Space research 5.509G	FSS Earth stations VSAT Point-to-point, Point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 15 GHz 14.4-15.35 GHz Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.636 Feeder links ITU-R App 30A
14.8 - 15.35 GHz			
FIXED MOBILE SPACE RESEARCH 5.510A 5.339	FIXED MOBILE SPACE RESEARCH 5.510A 5.339	Point-to-point, Point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 15 GHz 14.4-15.35 GHz Channel plans for fixed links ITU-R F.636
15.35 - 15.4 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.511	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed 5.511 Mobile 5.511 5.340		
15.4 - 15.41 GHz			
AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.511E 5.511F	AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.511E 5.511F	Aeronautical navigation	Radio Regulations (Aeronautical)
15.41 - 15.43 GHz			
AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.511E 5.511F	AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.511E 5.511F	Aeronautical navigation	Radio Regulations (Aeronautical)

ITU Region 1	KSA Band Allocation	Usage	Notes
Aeronautical mobile (OR) 5.511G	Aeronautical mobile (OR) 5.511G		
15.43 - 15.63 GHz			
AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.511A RADIOLOCATION 5.511E 5.511F Aeronautical mobile (OR) 5.511G 5.511C	AERONAUTICAL RADIONAVIGATION FIXED-SATELLITE (Earth-to-space) 5.511A RADIOLOCATION 5.511E 5.511F Aeronautical mobile (OR) 5.511G 5.511C	Aeronautical navigation FSS Earth stations	Radio Regulations (Aeronautical) Radio Regulations (Satellite)
15.63 - 15.7 GHz			
AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.511E 5.511F Aeronautical mobile (OR) 5.511G	AERONAUTICAL RADIONAVIGATION RADIOLOCATION 5.511E 5.511F Aeronautical mobile (OR) 5.511G	Aeronautical navigation	Radio Regulations (Aeronautical)
15.7 - 16.0 GHz			
RADIOLOCATION 5.512	FIXED 5.512 MOBILE 5.512 RADIOLOCATION		
16.0 - 16.6 GHz			
RADIOLOCATION 5.512	FIXED 5.512 MOBILE 5.512 RADIOLOCATION		
16.6 - 17.0 GHz			
RADIOLOCATION Space research (deep space) (Earth-to-space) 5.512	FIXED 5.512 MOBILE 5.512 RADIOLOCATION		

ITU Region 1	KSA Band Allocation	Usage	Notes
	Space research (deep space) (Earth-to-space)		
17.0 – 17.1 GHz			
RADIOLOCATION Space research (deep space) (Earth-to-space) 5.512	FIXED 5.512 MOBILE 5.512 RADIOLOCATION Space research (deep space) (Earth-to-space)		
17.1 – 17.2 GHz			
RADIOLOCATION 5.512	FIXED 5.512 MOBILE 5.512 RADIOLOCATION		
17.2 – 17.3 GHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) 5.512 5.513A	EARTH EXPLORATION-SATELLITE (active) FIXED 5.512 MOBILE 5.512 RADIOLOCATION SPACE RESEARCH (active) 5.513A		
17.3 – 17.7 GHz			
FIXED-SATELLITE (Earth-to-space) 5.516 FIXED-SATELLITE (space-to-Earth) 5.516A 5.516B Radiolocation 5.514	FIXED-SATELLITE (Earth-to-space) 5.516 FIXED-SATELLITE (space-to-Earth) 5.516A 5.516B Fixed 5.514 Mobile 5.514 Radiolocation	FSS Earth stations SIT/SUT, ESIM	Radio Regulations (Satellite) Feeder links for BSS (E-s) In accordance with ITU-R App 30A 17.3-18.1 GHz

ITU Region 1	KSA Band Allocation	Usage	Notes
17.7 - 18.1 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.516 FIXED-SATELLITE (space-to-Earth) 5.484A 5.517A 5.517B MOBILE	FIXED FIXED-SATELLITE (Earth-to-space) 5.516 FIXED-SATELLITE (space-to-Earth) 5.517A 5.517B 5.484A MOBILE	Point-to-point, Point-to-multipoint FSS Earth stations SIT/SUT, ESIM, VSAT	Radio Regulations Annex 5 (Fixed Links) 18 GHz 17.7-19.7 GHz Radio Regulations (Satellite) Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.595 In accordance with ITU-R App 30A ITU RR Res 169
18.1 - 18.4 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.520 FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B 5.517A 5.517B INTER-SATELLITE 5.521A MOBILE 5.519	FIXED FIXED-SATELLITE (Earth-to-space) 5.520 FIXED-SATELLITE (space-to-Earth) 5.517A 5.517B 5.484A 5.516B MOBILE 5.519	Point-to-point, Point-to-multipoint FSS Earth stations SIT/SUT, ESIM, VSAT	Radio Regulations Annex 5 (Fixed Links) 18 GHz 17.7-19.7 GHz Radio Regulations (Satellite) Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.595 ITU RR Res 169
18.4 - 18.6 GHz			
FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B 5.517A 5.517B INTER-SATELLITE 5.521A MOBILE	FIXED FIXED-SATELLITE (space-to-Earth) 5.484A 5.516B 5.517A 5.517B MOBILE	Point-to-point, Point-to-multipoint FSS Earth stations SIT/SUT, ESIM, VSAT	Radio Regulations Annex 5 (Fixed Links) 18 GHz 17.7-19.7 GHz Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.595 ITU RR Res 169
18.6 - 18.8 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED	EARTH EXPLORATION SATELLITE (passive) FIXED	Point-to-point, Point-to-multipoint FSS Earth stations SIT/SUT, ESIM, VSAT	Radio Regulations Annex 5 (Fixed Links) 18 GHz

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED-SATELLITE (space-to-Earth) 5.517A 5.522B MOBILE except aeronautical mobile Space research (passive) 5.522A 5.522C	FIXED-SATELLITE (space-to-Earth) 5.517A 5.522B MOBILE except aeronautical mobile Space research (passive) 5.522A 5.522C		17.7-19.7 GHz Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.595 ITU RR Res 169
18.8 – 19.3 GHz			
FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.517A 5.517B 5.523A INTER-SATELLITE 5.521A MOBILE	FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.517A 5.517B 5.523A INTER-SATELLITE 5.521A MOBILE	Point-to-point, Point-to-multipoint FSS Earth stations SIT/SUT, ESIM, VSAT	Radio Regulations Annex 5 (Fixed Links) 18 GHz 17.7-19.7 GHz Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.595 ITU RR Res 169
19.3 – 19.7 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.517A 5.523B 5.523C 5.523E FIXED-SATELLITE (space-to-Earth) 5.517A 5.523C 5.523D 5.523E INTER-SATELLITE 5.521A 5.523DA MOBILE	FIXED FIXED-SATELLITE (Earth-to-space) 5.523B FIXED-SATELLITE (space-to-Earth) 5.523D FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 5.517A 5.523C 5.523E INTER-SATELLITE 5.521A 5.523DA MOBILE	Point-to-point, Point-to-multipoint FSS Earth stations SIT/SUT, ESIM, VSAT	Radio Regulations Annex 5 (Fixed Links) 18 GHz 17.7-19.7 GHz Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) Channel plans for fixed links ITU-R F.595 ITU RR Res 169
19.7 – 20.1 GHz			
FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.516B 5.517B 5.527A INTER-SATELLITE 5.521A Mobile-satellite (space-to-Earth) 5.524	FIXED 5.524 FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.516B 5.517B 5.527A INTER-SATELLITE 5.521A MOBILE 5.524 Mobile-satellite (space-to-Earth)	FSS Earth stations SIT/SUT, ESIM, VSAT	Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) ITU RR Res 156

ITU Region 1	KSA Band Allocation	Usage	Notes
20.1 - 20.2 GHz			
FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.516B 5.517B 5.527A INTER-SATELLITE 5.521A MOBILE-SATELLITE (space-to-Earth) 5.524 5.525 5.526 5.527 5.528	FIXED 5.524 FIXED-SATELLITE (space-to-Earth) 5.484A 5.484B 5.516B 5.517B 5.527A INTER-SATELLITE 5.521A MOBILE 5.524 MOBILE-SATELLITE (space-to-Earth) 5.525 5.526 5.527 5.528	FSS Earth stations SIT/SUT, VSAT	Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) ITU RR Res 156
20.2 - 21.2 GHz			
FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal- satellite (space-to-Earth) 5.524	FIXED 5.524 FIXED-SATELLITE (space-to-Earth) MOBILE 5.524 MOBILE-SATELLITE (space-to-Earth) Standard frequency and time signal- satellite (space-to-Earth)	FSS Earth stations VSAT	Radio Regulations (Satellite)
21.2 - 21.4 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637

ITU Region 1	KSA Band Allocation	Usage	Notes
21.4 – 22 GHz			
BROADCASTING-SATELLITE 5.208B FIXED MOBILE 5.530A 5.530B	BROADCASTING-SATELLITE 5.208B FIXED MOBILE 5.530A 5.530B	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637
22 – 22.2 GHz			
FIXED MOBILE except aeronautical mobile (R) 5.531A 5.531B 5.531C 5.531D 5.531F 5.149	FIXED MOBILE except aeronautical mobile (R) 5.531A 5.531B 5.531C 5.531D 5.531F 5.149	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637
22.2 – 22.21 GHz			
FIXED MOBILE except aeronautical mobile 5.149	FIXED MOBILE except aeronautical mobile 5.149	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637
22.21 – 22.5 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149 5.532	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149 5.532	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637
22.5 – 22.55 GHz			
FIXED	FIXED		

ITU Region 1	KSA Band Allocation	Usage	Notes
MOBILE	MOBILE	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637
22.55 – 23.15 GHz			
FIXED INTER-SATELLITE 5.338A MOBILE SPACE RESEARCH (Earth-to-space) 5.532A 5.149	FIXED INTER-SATELLITE 5.338A MOBILE SPACE RESEARCH (Earth-to-space) 5.532A 5.149	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637
23.15 – 23.55 GHz			
FIXED INTER-SATELLITE 5.338A MOBILE	FIXED INTER-SATELLITE 5.338A MOBILE	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637
23.55 – 23.6 GHz			
FIXED MOBILE	FIXED MOBILE	Point-to-point, point-to-multipoint Video PMSE Video links	Radio Regulations Annex 5 (Fixed Links) 23 GHz 21.2-23.6 GHz Radio Regulations Annex 8 (PMSE) Channel plans for fixed links ITU-R F.637
23.6 – 24 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive)		Radio Regulations Annex 8 (PMSE)

ITU Region 1	KSA Band Allocation	Usage	Notes
5.340	5.340		
24 - 24.05 GHz			
AMATEUR AMATEUR-SATELLITE 5.150	AMATEUR AMATEUR-SATELLITE 5.150	Short Range Devices Non-specific SRD Amateur Video PMSE Video links	Radio Regulations Annex 6 (Amateur) ISM in 24-24.25 GHz Radio Regulations Annex 8 (PMSE)
24.05 - 24.25 GHz			
RADIOLOCATION Amateur Earth exploration-satellite (active) 5.150	RADIOLOCATION Amateur Earth exploration-satellite (active) 5.150	Short Range Devices Non-specific SRD, TLPR Video PMSE Video links	ISM in 24-24.25 GHz Radio Regulations Annex 8 (PMSE)
24.25 - 24.45 GHz			
FIXED MOBILE except aeronautical mobile 5.338A 5.532AB	FIXED MOBILE except aeronautical mobile 5.338A 5.532AB	IMT Video PMSE Video links	Radio Regulations Annex 2 (IMT) Planned licensed and/or lightly- licensed spectrum release in the 24.25 - 27.5 GHz band
24.45 - 24.65 GHz			
FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.338A 5.532AB	FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.338A 5.532AB	IMT Video PMSE Video links	Radio Regulations Annex 8 (PMSE) Radio Regulations Annex 2 (IMT) Planned licensed and/or lightly- licensed spectrum release in the 24.25 - 27.5 GHz band
24.65 - 24.75 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.532B INTER-SATELLITE MOBILE except aeronautical mobile 5.338A 5.532AB	FIXED FIXED-SATELLITE (Earth-to-space) 5.532B INTER-SATELLITE MOBILE except aeronautical mobile 5.338A 5.532AB	IMT	Radio Regulations Annex 2 (IMT) Planned licensed and/or lightly- licensed spectrum release in the 24.25 - 27.5 GHz band
24.75 - 25.25 GHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED FIXED-SATELLITE (Earth-to-space) 5.532B MOBILE except aeronautical mobile 5.338A 5.532AB	FIXED FIXED-SATELLITE (Earth-to-space) 5.532B MOBILE except aeronautical mobile 5.338A 5.532AB	IMT	Radio Regulations Annex 2 (IMT) Planned licensed and/or lightly-licensed spectrum release in the 24.25 - 27.5 GHz band
25.25 - 25.5 GHz			
FIXED INTER-SATELLITE 5.536 MOBILE 5.338A 5.532AB Standard frequency and time signal-satellite (Earth-to-space)	FIXED INTER-SATELLITE 5.536 MOBILE 5.338A 5.532AB Standard frequency and time signal-satellite (Earth-to-space)	IMT	Radio Regulations Annex 2 (IMT) Planned licensed and/or lightly-licensed spectrum release in the 24.25 - 27.5 GHz band
25.5 - 27 GHz			
EARTH EXPLORATION-SATELLITE (space-to-Earth) 5.536B FIXED INTER-SATELLITE 5.536 MOBILE 5.338A 5.532AB SPACE RESEARCH (space-to-Earth) 5.536C Standard frequency and time signal-satellite (Earth-to-space) 5.536A	EARTH EXPLORATION-SATELLITE (space-to-Earth) 5.536B FIXED INTER-SATELLITE 5.536 MOBILE 5.338A 5.532AB SPACE RESEARCH (space-to-Earth) 5.536C Standard frequency and time signal-satellite (Earth-to-space) 5.536A	IMT	Radio Regulations Annex 2 (IMT) Planned licensed and/or lightly-licensed spectrum release in the 24.25 - 27.5 GHz band
27 - 27.5 GHz			
FIXED INTER-SATELLITE 5.536 MOBILE 5.338A 5.532AB	FIXED INTER-SATELLITE 5.536 MOBILE 5.338A 5.532AB	IMT	Radio Regulations Annex 2 (IMT) Planned licensed and/or lightly-licensed spectrum release in the 24.25 - 27.5 GHz band
27.5 - 28.5 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.517A 5.517B 5.539	FIXED FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.517A 5.517B 5.539	FSS Earth stations VSAT, SIT/SUT, ESIM	Radio Regulations Annex 3 (Maritime)

ITU Region 1	KSA Band Allocation	Usage	Notes
INTER-SATELLITE 5.521A MOBILE 5.538 5.540	MOBILE 5.538 5.540		Radio Regulations (Satellite) ITU RR Res 169
28.5 – 29.1 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.517A 5.517B 5.523A 5.539 INTER-SATELLITE 5.521A MOBILE Earth exploration-satellite (Earth-to-space) 5.541 5.540	FIXED FIXED-SATELLITE (Earth-to-space) 5.484A 5.516B 5.517A 5.517B 5.523A 5.539 INTER-SATELLITE 5.521A MOBILE Earth exploration-satellite (Earth-to-space) 5.541 5.540	FSS Earth stations VSAT, SIT/SUT, ESIM	Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) ITU RR Res 169
29.1 – 29.5 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.516B 5.517A 5.523C 5.523E 5.535A 5.539 5.541A INTER-SATELLITE 5.521A MOBILE Earth exploration-satellite (Earth-to-space) 5.541 5.540	FIXED FIXED-SATELLITE (Earth-to-space) 5.516B 5.517A 5.523C 5.523E 5.535A 5.539 5.541A INTER-SATELLITE 5.521A MOBILE Earth exploration-satellite (Earth-to-space) 5.541 5.540	FSS Earth stations VSAT, SIT/SUT, ESIM	Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) ITU RR Res 169
29.5 – 29.9 GHz			
FIXED-SATELLITE (Earth-to-space) 5.484A 5.484B 5.516B 5.517B 5.527A 5.539 INTER-SATELLITE 5.521A Earth exploration-satellite (Earth-to-space) 5.541	FIXED-SATELLITE (EARTH-TO-SPACE) 5.484A 5.484B 5.516B 5.517B 5.527A 5.539 INTER-SATELLITE 5.521A Earth exploration-satellite (Earth-to-space) 5.541	FSS Earth stations SIT/SUT, ESIM	Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) ITU RR Res 169

ITU Region 1	KSA Band Allocation	Usage	Notes
Mobile-satellite (Earth-to-space) 5.540 5.542	Fixed 5.542 Mobile 5.542 Mobile-satellite (Earth-to-space) 5.540		
29.9 - 30 GHz			
FIXED-SATELLITE (Earth-to-space) 5.484A 5.484B 5.516B 5.517B 5.527A 5.539 INTER-SATELLITE 5.521A MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) 5.541 5.543 5.525 5.526 5.527 5.538 5.540 5.542	FIXED-SATELLITE (Earth-to-space) 5.484A 5.484B 5.516B 5.517B 5.527A 5.539 INTER-SATELLITE 5.521A MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) 5.541 5.543 Fixed 5.542 Mobile 5.542 5.525 5.526 5.538 5.527 5.540	FSS Earth stations VSAT, SIT/SUT, ESIM MSS Earth stations	Radio Regulations Annex 3 (Maritime) Radio Regulations (Satellite) ITU RR Res 169
30 - 31 GHz			
FIXED-SATELLITE (Earth-to-space) 5.338A MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal- satellite (space-to-Earth) 5.542	FIXED-SATELLITE (Earth-to-space) 5.338A MOBILE-SATELLITE (Earth-to-space) Fixed 5.542 Mobile 5.542 Standard frequency and time signal- satellite (space-to-Earth)	FSS Earth station VSAT	Radio Regulations (Satellite)
31 - 31.3 GHz			
FIXED 5.338A 5.543B MOBILE Space research 5.544	FIXED 5.338A 5.543B MOBILE Space research 5.544		

ITU Region 1	KSA Band Allocation	Usage	Notes
Standard frequency and time signal-satellite (space-to-Earth) 5.149	Standard frequency and time signal-satellite (space-to-Earth) 5.149		
31.3 - 31.5 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
31.5 - 31.8 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.546	EARTH EXPLORATION-SATELLITE (passive) FIXED 5.546 MOBILE except aeronautical mobile 5.546 RADIO ASTRONOMY SPACE RESEARCH (passive) 5.149		
31.8 - 32 GHz			
FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 5.547 5.548	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 5.547 5.548	Point-to-point, point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 32 GHz 31.8-33.4 GHz Radio Regulations (Aeronautical) Channel plans for fixed links ITU-R F.1520
32 - 32.3 GHz			
FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth)	Point-to-point, point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 32 GHz 31.8-33.4 GHz Radio Regulations (Aeronautical)

ITU Region 1	KSA Band Allocation	Usage	Notes
5.547 5.548	5.547 5.548		Channel plans for fixed links ITU-R F.1520
32.3 - 33 GHz			
FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547 5.548	FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547 5.548	Point-to-point, point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 32 GHz 31.8-33.4 GHz Radio Regulations (Aeronautical) Channel plans for fixed links ITU-R F.1520
33 - 33.4 GHz			
FIXED 5.547A RADIONAVIGATION 5.547	FIXED 5.547A RADIONAVIGATION 5.547	Point-to-point, point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 32 GHz 31.8-33.4 GHz Radio Regulations (Aeronautical) Channel plans for fixed links ITU-R F.1520
33.4 - 34.2 GHz			
RADIOLOCATION 5.549	FIXED 5.549 MOBILE 5.549 RADIOLOCATION		
34.2 - 34.7 GHz			
RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space) 5.549	FIXED 5.549 MOBILE 5.549 RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space)		

ITU Region 1	KSA Band Allocation	Usage	Notes
34.7 - 35.2 GHz			
RADIOLOCATION Space research 5.549	FIXED 5.549 MOBILE 5.549 RADIOLOCATION Space research		
35.2 - 35.5 GHz			
METEOROLOGICAL AIDS RADIOLOCATION 5.549	FIXED 5.549 METEOROLOGICAL AIDS MOBILE 5.549 RADIOLOCATION		
35.5 - 36 GHz			
EARTH EXPLORATION-SATELLITE (active) METEOROLOGICAL AIDS RADIOLOCATION SPACE RESEARCH (active) 5.549 5.549A	EARTH EXPLORATION-SATELLITE (active) FIXED 5.549 METEOROLOGICAL AIDS MOBILE 5.549 RADIOLOCATION SPACE RESEARCH (active) 5.549A		
36 - 37 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive)		

ITU Region 1	KSA Band Allocation	Usage	Notes
5.149 5.550A	5.149 5.550A		
37 - 37.5 GHz			
FIXED MOBILE except aeronautical mobile 5.550B SPACE RESEARCH (space-to-Earth) 5.547	FIXED MOBILE except aeronautical mobile 5.550B SPACE RESEARCH (space-to-Earth) 5.547	Point-to-point, point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 38 GHz 37-39.5 GHz Channel plans for fixed links ECC Recommendation T/R 12-01 Annex 1
37.5 - 38 GHz			
FIXED FIXED-SATELLITE (space-to-Earth) 5.550C 5.550CA MOBILE except aeronautical mobile 5.550B SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth) 5.547	FIXED FIXED-SATELLITE (space-to-Earth) 5.550C 5.550CA MOBILE except aeronautical mobile 5.550B SPACE RESEARCH (space-to-Earth) Earth exploration-satellite (space-to-Earth) 5.547	Point-to-point, point-to-multipoint FSS Earth stations	Radio Regulations Annex 5 (Fixed Links) 38 GHz 37-39.5 GHz Radio Regulations (Satellite) Channel plans for fixed links ECC Recommendation T/R 12-01 Annex 1 ITU RR Res 176
38 - 39.5 GHz			
FIXED 5.550D FIXED-SATELLITE (space-to-Earth) 5.550C MOBILE 5.550B Earth exploration-satellite (space-to-Earth) 5.547	FIXED 5.550D FIXED-SATELLITE (space-to-Earth) 5.550C MOBILE 5.550B Earth exploration-satellite (space-to-Earth) 5.547	Point-to-point, point-to-multipoint FSS Earth stations	Radio Regulations Annex 5 (Fixed Links) 38 GHz 37-39.5 GHz Radio Regulations (Satellite) Channel plans for fixed links ECC Recommendation T/R 12-01 Annex 1 ITU RR Res 176

ITU Region 1	KSA Band Allocation	Usage	Notes
39.5 - 40 GHz			
FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.550C MOBILE 5.550B MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth) 5.547 5.550E	FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.550C MOBILE 5.550B MOBILE-SATELLITE (space-to-Earth) Earth exploration-satellite (space-to-Earth) 5.547 5.550E	FSS Earth stations	Radio Regulations (Satellite)
40 - 40.5 GHz			
EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.550C MOBILE 5.550B MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth) 5.550E	EARTH EXPLORATION-SATELLITE (Earth-to-space) FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.550C MOBILE 5.550B MOBILE-SATELLITE (space-to-Earth) SPACE RESEARCH (Earth-to-space) Earth exploration-satellite (space-to-Earth) 5.550E	FSS Earth stations	Radio Regulations (Satellite)
40.5 - 41 GHz			
BROADCASTING BROADCASTING-SATELLITE FIXED FIXED-SATELLITE (space-to-Earth) 5.550C LAND MOBILE 5.550B Aeronautical mobile	BROADCASTING BROADCASTING-SATELLITE FIXED FIXED-SATELLITE (space-to-Earth) 5.550C LAND MOBILE 5.550B Aeronautical mobile	FSS Earth stations	Radio Regulations (Satellite) ITU RR Res 176

ITU Region 1	KSA Band Allocation	Usage	Notes
Maritime mobile 5.547	Maritime mobile 5.547		
41 - 42.5 GHz			
BROADCASTING BROADCASTING-SATELLITE FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.550C LAND MOBILE 5.550B Aeronautical mobile Maritime mobile 5.547 5.551H 5.551I	BROADCASTING BROADCASTING-SATELLITE FIXED FIXED-SATELLITE (space-to-Earth) 5.516B 5.550C LAND MOBILE 5.550B Aeronautical mobile Maritime mobile 5.547 5.551H 5.551I	FSS Earth stations	Radio Regulations (Satellite) ITU RR Res 176
42.5 - 43.5 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE except aeronautical mobile 5.550B RADIO ASTRONOMY 5.149 5.547	FIXED FIXED-SATELLITE (Earth-to-space) 5.552 MOBILE except aeronautical mobile 5.550B RADIO ASTRONOMY 5.149 5.547	FSS Earth stations	Radio Regulations (Satellite)
43.5 - 47 GHz			
MOBILE 5.553 5.553A MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554	MOBILE 5.553 5.553A MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554		

ITU Region 1	KSA Band Allocation	Usage	Notes
47 - 47.2 GHz			
AMATEUR AMATEUR-SATELLITE	AMATEUR AMATEUR-SATELLITE	Amateur	Radio Regulations Annex 6 (Amateur)
47.2 - 47.5 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 MOBILE 5.553B 5.552A	FIXED FIXED-SATELLITE (space-to-Earth) 5.550C 5.552 MOBILE 5.553B 5.552A	FSS Earth sations Video PMSE Video links, Cordless cameras	Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) ITU RR Res 176
47.5 - 47.9 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 FIXED-SATELLITE (space-to-Earth) 5.516B 5.554A MOBILE 5.553B	FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 FIXED-SATELLITE (space-to-Earth) 5.516B 5.554A MOBILE 5.553B	FSS Earth sations Video PMSE Video links, Cordless cameras	Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) ITU RR Res 176
47.9 - 48.2 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 MOBILE 5.553B 5.552A	FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 MOBILE 5.553B 5.552A	FSS Earth sations Video PMSE Video links, Cordless cameras	Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) ITU RR Res 176
48.2 - 48.54 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 FIXED-SATELLITE (space-to-Earth) 5.516B 5.554A 5.555B MOBILE	FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 FIXED-SATELLITE (space-to-Earth) 5.516B 5.554A 5.555B MOBILE	FSS Earth sations Video PMSE Video links, Cordless cameras	Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) ITU RR Res 176

ITU Region 1	KSA Band Allocation	Usage	Notes
48.54 - 49.44 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 MOBILE 5.149 5.340 5.555	FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.552 MOBILE 5.149 5.340 5.555	FSS Earth stations Video PMSE Video links, Cordless cameras	Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) ITU RR Res 176
49.44 - 50.2 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.338A 5.550C 5.552 FIXED-SATELLITE (space-to-Earth) 5.516B 5.554A 5.555B MOBILE	FIXED FIXED-SATELLITE (Earth-to-space) 5.550C 5.338A 5.552 FIXED-SATELLITE (space-to-Earth) 5.516B 5.554A 5.555B MOBILE	FSS Earth stations Video PMSE Video links, Cordless cameras	Radio Regulations Annex 8 (PMSE) Radio Regulations (Satellite) ITU RR Res 176
50.2 - 50.4 GHz			
EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340		
50.4 - 51.4 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.338A 5.550C MOBILE Mobile-satellite (Earth-to-space)	FIXED FIXED-SATELLITE (Earth-to-space) 5.338A 5.550C MOBILE Mobile-satellite (Earth-to-space)	FSS Earth stations VSAT	Radio Regulations (Satellite) ITU RR Res 176
51.4 - 52.4 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) 5.555C MOBILE	FIXED FIXED-SATELLITE (Earth-to-space) 5.555C MOBILE	FSS Earth stations VSAT	Radio Regulations (Satellite)

ITU Region 1	KSA Band Allocation	Usage	Notes
5.338A 5.547 5.556	5.338A 5.547 5.556		
52.4 - 52.6 GHz			
FIXED 5.338A MOBILE 5.547 5.556	FIXED 5.338A MOBILE 5.547 5.556		
52.6 - 54.25 GHz			
EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 5.556	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340 5.556		
54.25 - 55.78 GHz			
EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.556A SPACE RESEARCH (passive)		
55.78 - 56.9 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547	EARTH EXPLORATION-SATELLITE (passive) FIXED 5.557A INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547		
56.9 - 57 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED	EARTH EXPLORATION-SATELLITE (passive) FIXED		

ITU Region 1	KSA Band Allocation	Usage	Notes
INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (passive) 5.547	INTER-SATELLITE 5.558A MOBILE 5.558 SPACE RESEARCH (passive) 5.547		
57 - 58.2 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 SPACE RESEARCH (passive) 5.547	Short Range Devices TLPR, Non-specific SRD Wideband data transmission systems RLAN	Planned license-exempt spectrum release of the 57 - 71 GHz band (outdoors)
58.2 - 59 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.547 5.556	EARTH EXPLORATION-SATELLITE (passive) FIXED MOBILE SPACE RESEARCH (passive) 5.547 5.556	Short Range Devices TLPR, Non-specific SRD Wideband data transmission systems RLAN	Planned license-exempt spectrum release of the 57 - 71 GHz band (outdoors)
59 - 59.3 GHz			
EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 RADIOLOCATION 5.559	EARTH EXPLORATION-SATELLITE (passive) FIXED INTER-SATELLITE 5.556A MOBILE 5.558 RADIOLOCATION 5.559	Short Range Devices TLPR, Non-specific SRD Wideband data transmission systems RLAN	Planned license-exempt spectrum release of the 57 - 71 GHz band (outdoors)

ITU Region 1	KSA Band Allocation	Usage	Notes
SPACE RESEARCH (passive)	SPACE RESEARCH (passive)		
59.3 - 64 GHz			
FIXED INTER-SATELLITE MOBILE 5.558 RADIOLOCATION 5.559 5.138	FIXED INTER-SATELLITE MOBILE 5.558 RADIOLOCATION 5.559 5.138	Short Range Devices TLPR, Non-specific SRD Wideband data transmission systems RLAN	ISM in 61-61.5 GHz Planned license-exempt spectrum release of the 57 - 71 GHz band (outdoors) ISM band 61-61.5 GHz
64 - 65 GHz			
FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.547 5.556	FIXED INTER-SATELLITE MOBILE except aeronautical mobile 5.547 5.556	Wideband data transmission systems RLAN	Planned license-exempt spectrum release of the 57 - 71 GHz band (outdoors)
65 - 66 GHz			
EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547	EARTH EXPLORATION-SATELLITE FIXED INTER-SATELLITE MOBILE except aeronautical mobile SPACE RESEARCH 5.547	Wideband data transmission systems RLAN	Planned license-exempt spectrum release of the 57 - 71 GHz band (outdoors)
66 - 71 GHz			
INTER-SATELLITE MOBILE 5.553 5.558 5.559AA MOBILE-SATELLITE	INTER-SATELLITE MOBILE 5.553 5.558 5.559AA MOBILE-SATELLITE	Wideband data transmission systems RLAN	Planned license-exempt spectrum release of the 57 - 71 GHz band (outdoors)

ITU Region 1	KSA Band Allocation	Usage	Notes
RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554	RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.554		
71 - 74 GHz			
FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	Point-to-point, point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 71-76 GHz Channel plans for fixed links ITU-R F.2006
74 - 76 GHz			
BROADCASTING BROADCASTING-SATELLITE FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Space research (space-to-Earth) 5.561	BROADCASTING BROADCASTING-SATELLITE FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Space research (space-to-Earth) 5.561	Short Range Devices TLPR Point-to-point, point-to-multipoint	Radio Regulations Annex 5 (Fixed Links) 71-76 GHz Channel plans for fixed links ITU-R F.2006
76 - 77.5 GHz			
RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) 5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) 5.149	Short Range Devices TLPR	

ITU Region 1	KSA Band Allocation	Usage	Notes
77.5 – 78 GHz			
AMATEUR AMATEUR-SATELLITE RADIOLOCATION 5.559B Radio astronomy Space research (space-to-Earth) 5.149	AMATEUR AMATEUR-SATELLITE RADIOLOCATION 5.559B Radio astronomy Space research (space-to-Earth) 5.149	Short Range Devices TLPR	Radio Regulations Annex 6 (Amateur)
78 – 79 GHz			
RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth) 5.149 5.560	RADIOLOCATION Amateur Amateur-satellite Radio astronomy Space research (space-to-Earth) 5.149 5.560	Short Range Devices TLPR	
79 – 81 GHz			
RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) 5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite Space research (space-to-Earth) 5.149	Short Range Devices TLPR	
81 – 84 GHz			
FIXED 5.338A	FIXED 5.338A	Short Range Devices TLPR	

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth) 5.149 5.561A	FIXED-SATELLITE (Earth-to-space) MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Space research (space-to-Earth) 5.149 5.561A		Radio Regulations Annex 5 (Fixed Links) 81-86 GHz Channel plans for fixed links ITU-R F.2006
84 - 86 GHz			
FIXED 5.338A FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149	FIXED 5.338A FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149	Short Range Devices TLPR	Radio Regulations Annex 5 (Fixed Links) 81-86 GHz Channel plans for fixed links ITU-R F.2006
86 - 92 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
92 - 94 GHz			
FIXED 5.338A MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	FIXED 5.338A MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149		

ITU Region 1	KSA Band Allocation	Usage	Notes
94 - 94.1 GHz			
EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy 5.562 5.562A	EARTH EXPLORATION-SATELLITE (active) RADIOLOCATION SPACE RESEARCH (active) Radio astronomy 5.562 5.562A		
94.1 - 95 GHz			
FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149		
95 - 100 GHz			
FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554		
100 - 102 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY		

ITU Region 1	KSA Band Allocation	Usage	Notes
SPACE RESEARCH (passive) 5.340 5.341	SPACE RESEARCH (passive) 5.340 5.341		
102 - 105 GHz			
FIXED MOBILE RADIO ASTRONOMY 5.149 5.341	FIXED MOBILE RADIO ASTRONOMY 5.149 5.341		
105 - 109.5 GHz			
FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341		
109.5 - 111.8 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341		
111.8 - 114.25 GHz			
FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B	FIXED MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B		

ITU Region 1	KSA Band Allocation	Usage	Notes
5.149 5.341	5.149 5.341		
114.25 – 116 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341		
116 – 119.98 GHz			
EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.341	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.341		Planned license-exempt or lightly-licensed spectrum release of the 116 - 122 GHz band
119.98 – 122.25 GHz			
EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.138 5.341	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562C SPACE RESEARCH (passive) 5.138 5.341	Short Range Devices Non-specific SRD	ISM in 122-123 GHz Planned license-exempt or lightly-licensed spectrum release of the 116 - 122 GHz band ISM band
122.25 – 123 GHz			
FIXED INTER-SATELLITE MOBILE 5.558 Amateur 5.138	FIXED INTER-SATELLITE MOBILE 5.558 Amateur 5.138	Short Range Devices Non-specific SRD	ISM in 122-123 GHz
123 – 130 GHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 5.149 5.554	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) RADIONAVIGATION RADIONAVIGATION-SATELLITE Radio astronomy 5.149 5.554		
130 - 134 GHz			
EARTH EXPLORATION-SATELLITE (active) 5.562E FIXED INTER-SATELLITE MOBILE 5.558 RADIO ASTRONOMY 5.149 5.562A	EARTH EXPLORATION-SATELLITE (active) 5.562E FIXED INTER-SATELLITE MOBILE 5.558 RADIO ASTRONOMY 5.149 5.562A		
134 - 136 GHz			
AMATEUR AMATEUR-SATELLITE Radio astronomy	AMATEUR AMATEUR-SATELLITE Radio astronomy	Amateur	Radio Regulations Annex 6 (Amateur) Planned license-exempt or lightly-licensed spectrum release of the 134 - 148.5 GHz band
136 - 141 GHz			
RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149		Planned license-exempt or lightly-licensed spectrum release of the 134 - 148.5 GHz band

ITU Region 1	KSA Band Allocation	Usage	Notes
141 - 148.5 GHz			
FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149		Planned license-exempt or lightly-licensed spectrum release of the 134 - 148.5 GHz band
148.5 - 151.5 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
151.5 - 155.5 GHz			
FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149	FIXED MOBILE RADIO ASTRONOMY RADIOLOCATION 5.149		
155.5 - 158.5 GHz			
FIXED MOBILE RADIO ASTRONOMY 5.149	FIXED MOBILE RADIO ASTRONOMY 5.149		
158.5 - 164 GHz			

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth)		
164 - 167 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
167 - 174.5 GHz			
FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE 5.558 5.149	FIXED FIXED-SATELLITE (space-to-Earth) INTER-SATELLITE MOBILE 5.558 5.149		
174.5 - 174.8 GHz			
FIXED INTER-SATELLITE MOBILE 5.558	FIXED INTER-SATELLITE MOBILE 5.558		
174.8 - 182 GHz			
EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)		Planned license-exempt or lightly-licensed spectrum release of the 174.8-182 GHz band

ITU Region 1	KSA Band Allocation	Usage	Notes
182 - 185 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
185 - 190 GHz			
EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)	EARTH EXPLORATION-SATELLITE (passive) INTER-SATELLITE 5.562H SPACE RESEARCH (passive)		Planned license-exempt or lightly-licensed spectrum release of the 185 - 190 GHz band
190 - 191.8 GHz			
EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340	EARTH EXPLORATION-SATELLITE (passive) SPACE RESEARCH (passive) 5.340		
191.8 - 200 GHz			
FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.341 5.554	FIXED INTER-SATELLITE MOBILE 5.558 MOBILE-SATELLITE RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.341 5.554		
200 - 209 GHz			
EARTH EXPLORATION-SATELLITE (passive)	EARTH EXPLORATION-SATELLITE (passive)		

ITU Region 1	KSA Band Allocation	Usage	Notes
RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 5.563A	RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.341 5.563A		
209 - 217 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 5.341	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 5.341		
217 - 226 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY SPACE RESEARCH (passive) 5.562B 5.149 5.341		
226 - 231.5 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340		
231.5 - 232 GHz			
FIXED	FIXED		

ITU Region 1	KSA Band Allocation	Usage	Notes
MOBILE Radiolocation	MOBILE Radiolocation		
232 - 235 GHz			
FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Radiolocation		
235 - 238 GHz			
EARTH EXPLORATION-SATELLITE (passive) 5.563AA FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (passive) 5.563A 5.563B	EARTH EXPLORATION-SATELLITE (passive) 5.563AA FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (passive) 5.563A 5.563B		
238 - 239.2 GHz			
FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE		
239.2 - 240 GHz			
EARTH EXPLORATION-SATELLITE (passive)	EARTH EXPLORATION-SATELLITE (passive)		

ITU Region 1	KSA Band Allocation	Usage	Notes
FIXED-SATELLITE (space-to-Earth) RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE	FIXED-SATELLITE (space-to-Earth) RADIOLOCATION RADIONAVIGATION RADIONAVIGATION-SATELLITE		
240 - 241 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIOLOCATION	EARTH EXPLORATION-SATELLITE (passive) RADIOLOCATION		
241 - 242.2 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149		
242.2 - 244.2 GHz			
RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.138 5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.138 5.149		ISM in 244-246 GHz Planned license-exempt or lightly- licensed spectrum release of the 244 - 246 GHz band

ITU Region 1	KSA Band Allocation	Usage	Notes
244.2 - 247.2 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.138 5.149	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.138 5.149		ISM in 244-246 GHz Planned license-exempt or lightly-licensed spectrum release of the 244 - 246 GHz band
247.2 - 248 GHz			
RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149	RADIO ASTRONOMY RADIOLOCATION Amateur Amateur-satellite 5.149		
248 - 250 GHz			
AMATEUR AMATEUR-SATELLITE Radio astronomy 5.149	AMATEUR AMATEUR-SATELLITE Radio astronomy 5.149	Amateur	Radio Regulations Annex 6 (Amateur)
250 - 252 GHz			
EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.563A	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340 5.563A		

ITU Region 1	KSA Band Allocation	Usage	Notes
252 - 265 GHz			
FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554	FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY RADIONAVIGATION RADIONAVIGATION-SATELLITE 5.149 5.554		
265 - 275 GHz			
FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 5.563A	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE RADIO ASTRONOMY 5.149 5.563A		
275 - 3000 GHz			
(Not allocated) 5.564A 5.565	Not Allocated 5.564A 5.565		

2. International footnotes

Refer to the latest Radio Regulations for the details on the International Footnotes.

3. Radiocommunication services definition

Definition	Description
Administration	Any governmental department or service responsible for discharging the obligations undertaken in the Constitution of the International Telecommunication Union, in the Convention of the International Telecommunication Union and in the Administrative Regulations (CS 1002).
Aeronautical Mobile (OR) Service	An aeronautical mobile service intended for communications, including those relating to flight coordination, primarily outside national or international civil air routes.
Aeronautical Mobile (R) Service	An aeronautical mobile service reserved for communications relating to safety and regularity of flight, primarily along national or international civil air routes.
Aeronautical Mobile Service	A mobile service between aeronautical stations and aircraft stations, or between aircraft stations, in which survival craft stations may participate; emergency position-indicating radiobeacon stations may also participate in this service on designated distress and emergency frequencies.
Aeronautical Mobile-Satellite (OR) Service	An aeronautical mobile-satellite service intended for communications, including those relating to flight coordination, primarily outside national and international civil air routes.
Aeronautical Mobile-Satellite (R) Service	An aeronautical mobile-satellite service reserved for communications relating to safety and regularity of flights, primarily along national or international civil air routes.
Aeronautical Mobile-Satellite Service	A mobile-satellite service in which mobile earth stations are located on board aircraft; survival craft stations and emergency position-indicating radiobeacon stations may also participate in this service.

Definition	Description
Aeronautical Radionavigation Service	A radionavigation service intended for the benefit and for the safe operation of aircraft.
Aeronautical Radionavigation-Satellite Service	A radionavigation-satellite service in which earth stations are located on board aircraft.
Allocation (Of A Frequency Band)	Entry in the Table of Frequency Allocations of a given frequency band for the purpose of its use by one or more terrestrial or space radiocommunication services or the radio astronomy service under specified conditions. This term shall also be applied to the frequency band concerned.
Allotment (Of A Radio Frequency Or Radio Frequency Channel)	Entry of a designated frequency channel in an agreed plan, adopted by a competent conference, for use by one or more administrations for a terrestrial or space radiocommunication service in one or more identified countries or geographical areas and under specified conditions.
Amateur Service	A radiocommunication service for the purpose of self-training, intercommunication and technical investigations carried out by amateurs, that is, by duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest.
Amateur-Satellite Service	A radiocommunication service using space stations on earth satellites for the same purposes as those of the amateur service.
Assignment (Of A Radio Frequency Or Radio Frequency Channel)	Authorization given by an administration for a radio station to use a radio frequency or radio frequency channel under specified conditions.
Broadcasting Service	A radiocommunication service in which the transmissions are intended for direct reception by the general public. This service may include sound transmissions, television transmissions or other types of transmission (CS).
Broadcasting-Satellite Service	A radiocommunication service in which signals transmitted or retransmitted by space stations are intended for direct reception by the general public. In the

Definition	Description
	broadcasting-satellite service, the term “direct reception” shall encompass both individual reception and community reception.
Coordinated Universal Time (UTC)	Time scale, based on the second (SI), as described in Resolution 655
Earth Exploration-Satellite Service	<p>A radiocommunication service between earth stations and one or more space stations, which may include links between space stations, in which:</p> <ul style="list-style-type: none"> – information relating to the characteristics of the Earth and its natural phenomena, including data relating to the state of the environment, is obtained from active sensors or passive sensors on Earth satellites; – similar information is collected from airborne or Earth-based platforms; – such information may be distributed to earth stations within the system concerned; <p>This service may also include feeder links necessary for its operation.</p> <ul style="list-style-type: none"> – platform interrogation may be included.
Fixed Service	A radiocommunication service between specified fixed points.
Fixed-Satellite Service	A radiocommunication service between earth stations at given positions, when one or more satellites are used; the given position may be a specified fixed point or any fixed point within specified areas; in some cases this service includes satellite-to-satellite links, which may also be operated in the inter-satellite service; the fixed-satellite service may also include feeder links for other space radiocommunication services.
Industrial, scientific and medical (ISM) applications (of radio frequency energy)	Operation of equipment or appliances designed to generate and use locally radio frequency energy for industrial, scientific, medical, domestic or similar purposes, excluding applications in the field of telecommunications.
Industrial, Scientific And Medical (ISM) Applications (Of Radio Frequency Energy)	Operation of equipment or appliances designed to generate and use locally radio frequency energy for industrial, scientific, medical, domestic or similar purposes, excluding applications in the field of telecommunications.

Definition	Description
International Footnote	Footnotes included in the Radio Regulations provide further information on the use of the frequency bands
International Telecommunication Union (ITU)	ITU is a specialised Agency of the United Nations responsible for matters relating to information and communication technologies
Inter-Satellite Service	A radiocommunication service providing links between artificial satellites.
Land Mobile Service	A mobile service between base stations and land mobile stations, or between land mobile stations.
Land Mobile-Satellite Service	A mobile-satellite service in which mobile earth stations are located on land.
Maritime Mobile Service	A mobile service between coast stations and ship stations, or between ship stations, or between associated on-board communication stations; survival craft stations and emergency position-indicating radiobeacon stations may also participate in this service.
Maritime Mobile-Satellite Service	A mobile-satellite service in which mobile earth stations are located on board ships; survival craft stations and emergency position-indicating radiobeacon stations may also participate in this service.
Maritime Radionavigation Service	A radionavigation service intended for the benefit and for the safe operation of ships.
Maritime Radionavigation-Satellite Service	A radionavigation-satellite service in which earth stations are located on board ships.
Meteorological Aids Service	A radiocommunication service used for meteorological, including hydrological, observations and exploration.
Meteorological-Satellite Service	An earth exploration-satellite service for meteorological purposes.

Definition	Description
Mobile Service	A radiocommunication service between mobile and land stations, or between mobile stations (CV).
Mobile-Satellite Service	A radiocommunication service: <ul style="list-style-type: none"> – between mobile earth stations and one or more space stations, or between space stations used by this service; or – between mobile earth stations by means of one or more space stations. This service may also include feeder links necessary for its operation.
Port Operations Service	A maritime mobile service in or near a port, between coast stations and ship stations, or between ship stations, in which messages are restricted to those relating to the operational handling, the movement and the safety of ships and, in emergency, to the safety of persons. Messages which are of a public correspondence nature shall be excluded from this service.
Radio	A general term applied to the use of radio waves
Radio Astronomy	Astronomy based on the reception of radio waves of cosmic origin.
Radio Astronomy Service	A service involving the use of radio astronomy.
Radio Direction-Finding	Radiodetermination using the reception of radio waves for the purpose of determining the direction of a station or object.
Radio Waves Or Hertzian Waves	Electromagnetic waves of frequencies arbitrarily lower than 3 000 GHz, propagated in space without artificial guide.
Radiocommunication	Telecommunication by means of radio waves
Radiocommunication Service	A service as defined in this Section involving the transmission, emission and/or reception of radio waves for specific telecommunication purposes. In the Radio Regulations, unless otherwise stated, any radiocommunication service relates to terrestrial radiocommunication.

Definition	Description
Radiodetermination	The determination of the position, velocity and/or other characteristics of an object, or the obtaining of information relating to these parameters, by means of the propagation properties of radio waves.
Radiodetermination Service	A radiocommunication service for the purpose of radiodetermination.
Radiodetermination-Satellite Service	A radiocommunication service for the purpose of radiodetermination involving the use of one or more space stations. This service may also include feeder links necessary for its own operation.
Radiolocation	Radiodetermination used for purposes other than those of radionavigation
Radiolocation Service	A radiodetermination service for the purpose of radiolocation.
Radiolocation-Satellite Service	A radiodetermination-satellite service used for the purpose of radiolocation. This service may also include the feeder links necessary for its operation.
Radionavigation	Radiodetermination used for the purposes of navigation, including obstruction warning.
Radionavigation Service	A radiodetermination service for the purpose of radionavigation.
Radionavigation-Satellite Service	A radiodetermination-satellite service used for the purpose of radionavigation. This service may also include feeder links necessary for its operation.
Safety Service	Any radiocommunication service used permanently or temporarily for the safeguarding of human life and property.
Ship Movement Service	A safety service in the maritime mobile service other than a port operations service, between coast stations and ship stations, or between ship stations, in which messages are restricted to those relating to the movement of ships. Messages which are of a public correspondence nature shall be excluded from this service.

Definition	Description
Space Operation Service	A radiocommunication service concerned exclusively with the operation of spacecraft, in particular space tracking, space telemetry and space telecommand. These functions will normally be provided within the service in which the space station is operating.
Space Radiocommunication	Any radiocommunication involving the use of one or more space stations or the use of one or more reflecting satellites or other objects in space.
Space Research Service	A radiocommunication service in which spacecraft or other objects in space are used for scientific or technological research purposes.
Special Service	A radiocommunication service, not otherwise defined in this Section, carried on exclusively for specific needs of general utility, and not open to public correspondence.
Standard Frequency And Time Signal Service	A radiocommunication service for scientific, technical and other purposes, providing the transmission of specified frequencies, time signals, or both, of stated high precision, intended for general reception. ^{1.54} standard frequency and time signal-satellite service: A radiocommunication service using space stations on earth satellites for the same purposes as those of the standard frequency and time signal service. This service may also include feeder links necessary for its operation.
Telecommunication	Any transmission, emission or reception of signs, signals, writings, images and sounds or intelligence of any nature by wire, radio, optical or other electromagnetic systems (CS).
Terrestrial Radiocommunication	Any radiocommunication other than space radiocommunication or radio astronomy

4. List of Abbreviations

Abbreviation	Description
AES	Aircraft Earth Stations
AIS	Automatic Identification System
AM(R)S	Aeronautical Mobile Route Communications Services
BSS	Broadcasting Satellite Service
CB	Citizens' Band Radio
DAB	Digital Audio Broadcasting
dB	Decibel
dBW	dB relative to the power of 1 W
DME	Distance Measuring Equipment
DSC	Digital Selective Calling
DVB-T	Terrestrial Digital Video Broadcasting
e.i.r.p.	Equivalent Isotropically Radiated Power
EPIRB	Emergency Position Indicating Radio Beacon
ESV	Earth Stations on-board Vessels
E-s	Earth-to-space direction
FM	Frequency Modulation
FSS	Fixed-Satellite Service
GBAS	Ground based augmentation system
GNSS	Global Navigation Satellite System
GMDSS	Global Maritime Distress and Safety System

Abbreviation	Description
GSO	Geostationary Satellite Orbit
HAPS	High Altitude Platform Station
HDFSS	High Density Fixed-Satellite Service
HF	High Frequency
ICAO	International Civil Aviation Organisation
ILS	Instrument Landing Systems
IMO	International Maritime Organization
ISM	Industrial, Scientific and Medical Applications
ITU	International Telecommunication Union
ITU GE 75 Plan	Plan for assignment of frequencies to broadcasting stations in the medium frequency bands in Regions 1 and 3 and in the low frequency bands in Region 1
LAN	Local Area Network
MLS	Microwave Landing System
MSS	Mobile-Satellite Service
NAVTEX	Narrow-band direct-printing telegraphy system for transmission of navigational and meteorological warnings and urgent information to ships
(OR)	Off Route
PPDR	Public Protection and Disaster Relief
R&TTE	Radio and Telecommunications Terminal Equipment
RA	Radio Astronomy
RLAN	Radio Local Area Networks

Abbreviation	Description
RNSS	Radionavigation Satellite Service
RR	Radio Regulations
(R)	Route
SAR	Search and Rescue
SDL	Supplementary Down Link
SNG	Satellite News Gathering
s-E	space-to-Earth direction
TV	Television
UWB	Ultra Wide Band
VHF	Very High Frequency
VOR	VHF Omnidirectional Radio Range
VSAT	Very Small Aperture
WAS	Wireless Access Systems
WLAN	Wireless Local Area Networks
WRC	World Radiocommunication Conference