



Radiocommunication Bureau (BR)

Administrative Circular
CACE/1170

23 December 2025

**To Administrations of Member States of the ITU, Radiocommunication Sector Members,
ITU-R Associates and ITU Academia participating in the work of Radiocommunication Study
Group 5**

Subject: Radiocommunication Study Group 5 (Terrestrial Services)

- Proposed approval of 3 draft new and 7 draft revised ITU-R Recommendations**

At the meeting of Radiocommunication Study Group 5 held from 1 to 2 December 2025, the Study Group adopted the texts of 3 draft new and 7 draft revised ITU-R Recommendations and agreed to apply the procedure of Resolution [ITU-R 1-9](#) (see § A2.6.2.3) for approval of Recommendations by consultation. The titles and summaries of the draft Recommendations are given in the Annex to this letter. Any Member State raising an objection to the approval of a draft Recommendation is requested to inform the Director and the Chair of the Study Group of the reasons for the objection.

Having regard to the provisions of § A2.6.2.3 of Resolution ITU-R 1-9, Member States are requested to inform the Secretariat (brsgd@itu.int) by 23 February 2026, whether they approve or do not approve the proposals above.

After the above-mentioned deadline, the results of this consultation will be announced in an Administrative Circular and the approved Recommendations will be published as soon as practicable (see <http://www.itu.int/pub/R-REC>).

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendations mentioned in this letter is requested to disclose such information to the Secretariat as soon as possible. The Common Patent Policy for ITU-T/ITU-R/ISO/IEC is available at <http://www.itu.int/en/ITU-T/ipr/Pages/policy.aspx>.

Mario Maniewicz
Director

Annex: Titles and summaries of the draft Recommendations

Documents: Documents 5/61(Rev.1), 5/66(Rev.1), 5/67(Rev.1), 5/68(Rev.1), 5/69, 5/72(Rev.1), 5/73(Rev.1), 5/74(Rev.1), 5/75(Rev.2), 5/76(Rev.2).

These documents are available in electronic format at:
<https://www.itu.int/md/R23-SG05-C/en>

Annex

Titles and summaries of the draft Recommendations adopted by Radiocommunication Study Group 5

Draft new Recommendation ITU-R M.[RSTT FRQ]

Doc. 5/69

Guidance on the harmonization of spectrum for existing and future Railway radiocommunication Systems between Train and Trackside (RSTT) within the frequency bands allocated to the mobile service and operating in accordance to the Radio Regulations

This Recommendation provides guidance on frequency ranges to facilitate harmonization of frequency bands within the existing Mobile Service allocations for existing and future railway radiocommunication systems between train and tracksides (RSTT) on global or regional levels.

Draft new Recommendation ITU-R F.[D-BAND]

Doc. 5/75(Rev.2)

Radio-frequency channel and block arrangements for fixed service systems operating in the 130-134 GHz, 141-148.5 GHz, 151.5-164 GHz and 167-174.8 GHz ranges

This Recommendation describes channel and block arrangements in the portions of the frequency range 130.0 174.8 GHz allocated to the fixed service. The arrangements are based on a 250 MHz basic channel raster from which $N \times 250$ MHz channel size can be defined and are proposed for either frequency division duplex (FDD) or time division duplex (TDD) applications. Alternative duplex schemes, such as flexible frequency division duplex (fFDD) or full duplex (FD) may also be considered.

Draft new Recommendation ITU-R F.[W-BAND]

Doc. 5/76(Rev.2)

Radio-frequency channel and block arrangements for fixed service systems operating in the 92-94 GHz, 94.1-100 GHz, 102-109.5 GHz and 111.8 114.25 GHz ranges

This Recommendation describes channel and block arrangements in the portions of the frequency range 92.0 114.25 GHz allocated to the fixed service. The arrangements are based on a 250 MHz basic channel raster from which $N \times 250$ MHz channel size can be defined and are proposed for either frequency division duplex (FDD) or time division duplex (TDD) applications. Alternative duplex schemes, such as flexible frequency division duplex (fFDD) or full duplex (FD) may also be considered.

Draft revision of Recommendation ITU-R M.1036-7

Doc. 5/61(Rev.1)

Frequency arrangements for implementation of the terrestrial component of International Mobile Telecommunications in the bands identified for IMT in the Radio Regulations

This revision reflects the addition of frequency arrangements developed as a result of IMT identifications made by WRC-23, the associated footnotes, and related Resolutions, as well as to reflect documents newly approved in ITU-R. An additional frequency arrangement, A14, was added in section 3. Editorial adjustments were made to existing sections to accommodate the addition of the new frequency arrangements. The figures depicting the frequency arrangements were revised to ensure consistency throughout the entire Recommendation.

The order of *noting* and *recognizing* was adjusted to the current guideline.

Draft revision of Recommendation ITU-R M.1450-5

Doc. 5/66(Rev.1)

Characteristics of broadband radio local area networks

This revision includes additional characteristics of broadband radio local area networks (RLANs). Technical requirements applicable in certain administrations and/or regions were updated based on inputs from administrations. Abbreviations/Glossary (formerly Table 1) were inserted and Note 1 referring to "Table 1" was deleted to conform with the mandatory format of ITU-R Recommendations.

Draft revision of Recommendation ITU-R M.1801-2

Doc. 5/67(Rev.1)

Radio interface standards for broadband wireless access systems, including mobile and nomadic applications, in the mobile service ~~operating below 6 GHz~~

In this revision the description of the IMT terrestrial radio interfaces has been replaced by references to the relevant ITU-R Recommendations to avoid duplication and other consequential amendments made throughout the draft revision, including updates of other annexes. The title of the Recommendation has been amended in accordance with the Radio Regulations, which now identify certain frequency bands up to 71 GHz for the implementation of IMT. The organization of the draft revision has been updated in accordance with the mandatory Format of ITU-R Recommendations.

A table of content has been added by the BR.

Draft revision of Recommendation ITU-R F.1763-1

Doc. 5/68(Rev.1)

Radio interface standards for broadband wireless access systems in the fixed service ~~operating below 66 GHz~~

This revision includes the specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2020 (IMT-2020) for broadband wireless access systems.

Draft revision of Recommendation ITU-R F.1821

Doc. 5/72(Rev.1)

**Characteristics of advanced digital ~~h~~High ~~f~~Frequency* (~~HF~~)
radiocommunication systems in the fixed and mobile service**

This revision includes typical RF characteristics of advanced digital HF systems and networked system configurations, that could be used to provide advanced high-speed network-based applications in frequency range 2 to 30 MHz. The proposed revisions to this version include the addition of parameters to all Tables, additional Recommendations, updates of the Recommendation' Question 127/9, revised Recommendation Title and editorial revisions, to align with the mandatory format for ITU-R Recommendations.

Draft revision of Recommendation ITU-R F.1762

Doc. 5/73(Rev.1)

**Characteristics of enhanced applications ~~for high frequency (HF) of High~~
Frequency* radiocommunication systems in the fixed and mobile service**

The proposed updates include a list of additional enhanced applications as well as updated system parameters that would support the deployment of enhanced applications through high-speed digital networks within the 2 to 30 MHz frequency range. Additionally, emission masks that are appropriate for HF system operating in non-networked configurations are included for contiguous systems and with non-contiguous systems. In addition, the list of Recommendations and Reports related to this topic was updated. Furthermore, the ITU-R Questions listed below the title of the Recommendation was updated. Finally, revisions were made to conform with the mandatory format for ITU-R Recommendations.

Draft revision of Recommendation ITU-R F.699-8

Doc. 5/74(Rev.1)

**Reference radiation patterns for fixed wireless system antennas for use in
coordination studies and interference assessment in the frequency range
from 100 MHz to ~~86~~174.8 GHz**

The main revisions are to update the upper frequency from 86 to 174.8 GHz. Supplementary patterns have been added at 96, 152 and 157 GHz, including comparisons of recent measurements to Recommendation ITU-R F.699-8. Some patterns are suppressed. Annex 1, Section 4 'Radiation patterns of high-performance antennas' is deleted.

* in the frequency range of 2-30 MHz