



Radiocommunication Bureau (BR)

Administrative Circular
CACE/1011

23 December 2021

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

Subject: **Radiocommunication Study Group 5 (Terrestrial services)**
– **Proposed approval of 2 draft revised ITU-R Recommendations**

At the meeting of Radiocommunication Study Group 5 held on 16 December 2021, the Study Group adopted the texts of 2 draft revised ITU-R Recommendations and agreed to apply the procedure of Resolution ITU-R 1-8 (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 which objects to the approval of a draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

Having regard to the provisions of § A2.6.2.3 of Resolution ITU-R 1-8, Member States are requested to inform the Secretariat (brsgd@itu.int) by 23 February 2022, 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 5/41 and 5/51

These documents are available in electronic format at:
<https://www.itu.int/md/R19-SG05-C/en>

Annex

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

Draft revision of Recommendation ITU-R F.1777-2

Doc. 5/41

System characteristic of television outside broadcast, electronic news gathering and electronic field production in the fixed service for use in sharing studies

This revision includes new system characteristics in the frequency bands in 5.850-8.500 GHz, 10.250-13.250 GHz and 41.0-42.0 GHz for the transmission of UHD TV signals for broadcast auxiliary services (BAS).

Draft revision of Recommendation ITU-R M.2012-4

Doc. 5/51

Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-Advanced (IMT-Advanced)

This modification of Recommendation ITU-R M.2012 is intended to keep the specified technologies of the terrestrial component of IMT-Advanced up to date. The main changes include the addition of enhanced capabilities for LTE-Advanced SRIT (Set of Radio Interface Technologies), and some consequential changes to the overview sections of the text, as well as to the Global Core Specifications. Also, the transposition references have been updated in Annex 1. WirelessMAN-Advanced RIT (Radio Interface Technology) has no update and Annex 2 remains the same as previous Revision.

The modifications are the following:

The modification for Annex 1 (LTE-Advanced part) is as follows:

The main purpose of this update is to align Recommendation ITU-R M.2012 to the Release 15 and 16 June 2020 version of the 3GPP Specifications of LTE-Advanced.

The main features introduced in this update are:

- Improve reliability and latency performance.
- DL Capacity enhancements, including support of 1024 QAM in uplink.
- Enhancements on Full-Dimension MIMO.
- Enhancements to NB-IoT and LTE-M.
- Enhanced support for V2V communication.
