



Radiocommunication Bureau (BR)

Administrative Circular
CACE/821

6 July 2017

**To Administrations of Member States of the ITU, Radiocommunication Sector Members,
ITU-R Associates participating in the work of Radiocommunication Study Group 1
and ITU Academia**

Subject: **Radiocommunication Study Group 1 (Spectrum Management)**

- **Proposed adoption of 3 draft new ITU-R Recommendations and 3 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-7 (Procedure for the simultaneous adoption and approval by correspondence)**

At the meeting of Radiocommunication Study Group 1, held on 21 June 2017, the Study Group decided to seek adoption of 3 draft new ITU-R Recommendations and 3 draft revised ITU-R Recommendations by correspondence (§ A2.6.2 of Resolution ITU-R 1-7) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA, § A2.6.2.4 of Resolution ITU-R 1-7). The titles and summaries of the draft Recommendations are given in the Annex to this letter. Any Member State who objects to the adoption of a draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

The consideration period shall extend for 2 months ending on 6 September 2017. If within this period no objections are received from Member States, the draft Recommendations shall be considered to be adopted by Study Group 1. Furthermore, since the PSAA procedure has been followed, the draft Recommendations shall also be considered as approved.

After the above-mentioned deadline, the results of the above procedures 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>.



François Rancy
Director

Annex: Titles and summaries of the draft Recommendations

Documents: Docs. 1/69(Rev.1), 1/71(Rev.1), 1/72(Rev.1), 1/78(Rev.1), 1/86 and 1/88(Rev.1)

These documents are available in electronic format at: <https://www.itu.int/md/R15-SG01-C/en>

Distribution:

- Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 1
- ITU-R Associates participating in the work of Radiocommunication Study Group 1
- ITU Academia
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups
- Chairman and Vice-Chairmen of the Conference Preparatory Meeting
- Members of the Radio Regulations Board
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

Annex

Titles and summaries of the draft Recommendations

Draft new Recommendation ITU-R SM.[SRD-CATEGORIES]

Doc. 1/71(Rev.1)

Global harmonization of SRD categories

This Recommendation contains guidelines for the categories recommended for short-range devices (SRDs) requiring operation on a globally harmonized basis.

Draft new Recommendation ITU-R SM.[G.WNB-FREQ]

Doc. 1/72(Rev.1)

Guidelines for narrow-band wireless home networking transceivers Specification of spectrum related components

This Recommendation provides guidelines pertaining to spectrum usage of Narrow-Band Wireless Home Networking (NWHN) transceivers complying with Recommendation ITU-T G.9959 which contains the system architecture, physical (PHY) layer and medium access control (MAC) layer specifications for Recommendation ITU-T G.9959 compliant transceivers.

Draft new Recommendation ITU-R SM.[WPT]

Doc. 1/88(Rev.1)

Frequency ranges for operation of non-beam Wireless Power Transmission (WPT) systems

This Recommendation provides guidelines for the use of frequency ranges for the operation of non-beam wireless power transmission (WPT), including charging of mobile/portable devices.

Draft revision of Recommendation ITU-R SM.1880-1

Doc. 1/69(Rev.1)

Spectrum occupancy measurements and evaluation

Recommendation [ITU-R SM.1880-1](#) contains Tables that specify the number of required samples for a given accuracy and confidence level. They depend on the nature of the signals in an observed frequency channel and on the fact whether sampling is dependent or independent. However, little explanation is given on the meaning of these terms as well as on the methods to determine which sort of sampling is used in a specific occupancy measurement situation. This revision aims to explain the meaning of dependent and independent sampling and provides the background necessary to understand the values in Tables 1 and 2 of the Recommendation.

This revision proposes to include a new Annex 2 to Recommendation ITU-R SM.1880-1. The rest of the Recommendation is unchanged.

Technical identification of digital signals

The purpose of this revision is to provide a detailed update of the Recommendation.

The clarification is added that the tools discussed in the Recommendation are an array of possible examples that could be used in identification of digital signals, and not all of them are required to be used in order to be in compliance with the recommendation. *Recommends 2* is modified to clarify that the annex contains a collection of tools which may be considered for use. Signal classification is defined. The terms “classify” and “classification” have been misunderstood by some Administrations, so more precise terms are substituted for certain occurrences of these words. Since modern signal analysis and spectrum monitoring systems generally include vector capability, these systems have been added as appropriate. Figure numbering has been corrected. Certain dated material that is quite detailed in nature and beyond the scope of this Recommendation is proposed for deletion.

Definition of spectrum use and efficiency of a radio system

The main revisions are in the Annexes:

- i) Annex 1: calculating the spectrum use and efficiency of a radio system based on actual measurements (U ').
- ii) Annex 2: adding examples of spectrum use by different services.
