



## Radiocommunication Bureau (BR)

Administrative Circular  
**CACE/979**

13 April 2021

**To Administrations of Member States of the ITU, Radiocommunication Sector Members,  
ITU-R Associates participating in the work of Radiocommunication Study Group 6  
and ITU Academia**

Subject: **Radiocommunication Study Group 6 (Broadcasting Service)**

- **Proposed adoption of 2 draft revised ITU-R Recommendations and their simultaneous approval by correspondence in accordance with § A2.6.2.4 of Resolution ITU-R 1-8 (Procedure for the simultaneous adoption and approval by correspondence)**

At the meeting of Radiocommunication Study Group 6, held on 26 March 2021, the Study Group decided to seek adoption of 2 draft revised ITU-R Recommendations by correspondence (§ A2.6.2 of Resolution ITU-R 1-8) and further decided to apply the procedure for simultaneous adoption and approval by correspondence (PSAA, § A2.6.2.4 of Resolution ITU-R 1-8). The titles and summaries of the draft Recommendations are given in the Annex to this letter. Any Member State which 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 13 June 2021. If within this period no objections are received from Member States, the draft Recommendations shall be considered to be adopted by Study Group 6. 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>.

Mario Maniewicz  
Director

**Annex:** Titles and summaries of the draft Recommendations

**Documents:** Documents [6/110](#) and [6/123](#)

These documents are available in electronic format at: <https://www.itu.int/md/R19-SG06-C/en>

## **Annex 1**

### **Titles and summaries of the draft ITU-R Recommendations**

Draft revision of Recommendation ITU-R BT.2036-3

Doc. 6/110

#### **Characteristics of a reference receiving system for frequency planning of digital terrestrial television systems**

This draft revision to the Recommendation ITU-R BT.2036-3 provides updated receiver characteristics for ATSC 3.0 that can be used to assist in planning the deployment of ATSC 3.0. This Recommendation was originally developed to provide receiver characteristics for first generation systems and was later updated to include 2<sup>nd</sup> generation systems in Annex 3. The relevant ATSC 3.0 material is now being included in this Annex 3.

Draft revision of Recommendation ITU-R BT.2077-2

Doc. 6/123

#### **Real-time serial digital interfaces for UHD TV signals**

This revision makes a number of clarifications to the serial digital interface specified in Part 1 and adds a new Part 4 which defines a high-bandwidth optical interface with the following characteristics:

- a) capable of 100 Gbps;
- b) use of a single Fibre cable for most UHD TV image formats;
- c) definition of a means to convert 12-bit signals to 10-bit signals with minimum signal loss;
- d) introduction of only a 1-line delay to real-time signals.

Table 1 summarizing key characteristics of the Part 1, 2, 3 and 4 interfaces is also updated.

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