



Radiocommunication Bureau (BR)

Administrative Circular
CACE/1116

3 September 2024

To Administrations of Member States of the ITU, Radiocommunication Sector Members, ITU-R Associates and ITU Academia participating in the work of the Radiocommunication Study Group 3

Subject: **Radiocommunication Study Group 3 (Radiowave Propagation)**
 – **Proposed approval 1 draft revised ITU-R Recommendation**

At the meeting of Radiocommunication Study Group 3 held on 17 June 2024, the Study Group decided to seek adoption of 1 draft revised ITU-R Recommendation by correspondence, in accordance with § A2.6.2.2.3 of Resolution ITU-R 1-9. The Recommendation has now been adopted by Study Group 3 and the approval procedure of Resolution ITU-R 1-9, § A2.6.2.3, is to be applied. The title and the summary of the draft Recommendation is 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.

As stated in Administrative Circular [CACE/1110](#), dated 27 June 2024, the consultation period for the adoption of the Recommendation ended on 27 August 2024.

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 3 November 2024, whether they approve or do not approve the proposal(s) above.

After the above-mentioned deadline, the results of this consultation will be announced in an Administrative Circular and the approved Recommendation 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 Recommendation 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: Title and summary of the draft Recommendation

Document: Document 3/8

This document is available in electronic format at: <https://www.itu.int/md/R23-SG03-C/en>

Annex

Title and summary of the draft Recommendation adopted by Radiocommunication Study Group 3

Draft revision of Recommendation ITU-R P.525-4

Doc. 3/8

Calculation of free-space attenuation

This document proposes the following revisions to Recommendation [ITU-R P.525-4](#)

- Reordering of sections in order to make the text more logical.
 - Addition of explanations regarding effective aperture of a receiving isotropic antenna which helps to explain the derivation of free-space basic transmission loss formula.
 - Small editorial corrections.
 - Convert remaining old equation formats to new supported formats.
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