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Dubai, United Arab Emirates

Radiocommunication Bureau (BR)

Administrative Circular
CACE/1066

21 June 2023

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

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

At the meeting of Radiocommunication Study Group 3, held on 2 June 2023, the Study Group decided to seek adoption of 1 draft revised ITU-R Recommendation in accordance with § A2.6.2.2.3 of Resolution ITU-R 1-8 (Adoption by a Study Group by correspondence). The title and summary of the draft Recommendation are given in the Annex to this letter.

The consideration period shall extend for two months ending on 21 August 2023. If within this period no objections are received from Member States, the approval by consultation procedure of § A2.6.2.3 of Resolution ITU-R 1-8 will be initiated.

Any Member State raising an objection to the adoption of the draft Recommendation is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

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 3/127(Rev.1)

This document is available in electronic format at: <https://www.itu.int/md/R19-SG03-C/en>

Annex

Title and summary of the draft Recommendation

Draft revision of Recommendation ITU-R P.452-17

Doc. 3/127 (Rev.1)

Prediction procedure for the evaluation of interference between stations on the surface of the Earth at frequencies above about 100 MHz

- The height-gain terminal clutter model is replaced by a clutter loss computation based on the clutter height profile along the path, which provides consistency in modelling clutter loss between Recommendations ITU-R P.452 and ITU-R P.1812-6. The revision includes a statement from Recommendation ITU-R P.526 that caution should be exercised when the local clutter is close to terminals.
- The troposcatter propagation prediction method is harmonized with the one from Recommendation ITU-R P.617-5. This revision is in conjunction with the simultaneous revision of the troposcatter propagation prediction method in Recommendations ITU-R P.1812-6 and ITU-R P.2001-4.
- The entire Section 5 is replaced with a new hydrometeor scatter model.

This revision also includes the sections “Abbreviations/Glossary” and “Related ITU Recommendations, Reports” that were previously missing.
