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| **Radiocommunication Bureau (BR)** | | |
| Administrative Circular  **CACE/1014** | | 28 January 2022 |
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| **To Administrations of Member States of the ITU, Radiocommunication Sector Members, ITU-R Associates participating in the work of Radiocommunication Study Group 4 and  ITU Academia** | | |
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| Subject: | **Radiocommunication Study Group 4 (Satellite services)**  **– Adoption of 3 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)** | |
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By Administrative Circular [CACE/1004](https://www.itu.int/md/R00-CACE-CIR-1004/en) dated 26 November 2021, 3 draft revised ITU‑R Recommendations were submitted for simultaneous adoption and approval by correspondence (PSAA), following the procedure of Resolution ITU‑R 1‑8 (§ A2.6.2.4).

The conditions governing this procedure were met on 26 January 2022.

The approved Recommendations will be published by the ITU and the Annex to this Circular provides their titles, with the assigned numbers.

Mario Maniewicz  
Director

**Annex:** 1

Annex  
  
Titles of the approved ITU-R Recommendations

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| Recommendation ITU-R | Title | Doc. No. |
| M.1901-3 | Guidance on ITU-R Recommendations related to systems and networks in the radionavigation-satellite service operating in the frequency bands 1 164‑1 215 MHz, 1 215-1 300 MHz, 1 559-1 610 MHz, 5 000-5 010 MHz and 5 010-5 030 MHz | 4/34(Rev.1) |
| S.2131-1 | Method for the determination of performance objectives for satellite hypothetical reference digital paths using adaptive coding and modulation | 4/37(Rev.1) |
| S.1714-1 | Static methodology for calculating epfd↓ to facilitate coordination of very large antennas under Nos. **9.7A** and **9.7B** of the Radio Regulations | 4/39(Rev.1) |

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