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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | |  |
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| PLENARY MEETING | | **Doc. CPG(23)036 ANNEX V-03 Addendum 3 to Document XXXX-E** | |
|  | | **28 April 2023** | |
|  | | **Original: English** | |
|  | | | |
| European Common Proposals | | | |
| Proposals for the work of the conference | | | |
|  | | | |
| Agenda item 1.3 | | | |

1.3to consider primary allocation of the frequency band 3 600‑3 800 MHz to the mobile service in Region 1 and take appropriate regulatory actions, in accordance with Resolution**246** **(WRC‑19)**;

Introduction

The considerations under this agenda item will encompass the following elements, set out in full in Resolution **246 (WRC‑19)**:

– sharing and compatibility studies between the mobile service and other services allocated on a primary basis within the frequency band 3 600-3 800 MHz and adjacent frequency bands in Region 1, as appropriate, to ensure protection of those services to which the frequency band is allocated on a primary basis, and not impose undue constraints on the existing services and their future development.

CEPT supports the upgrade of the allocation of the frequency band 3 600-3 800 MHz to the mobile, except aeronautical mobile, service on a primary basis in Region 1 to improve opportunities for the introduction of mobile service applications in Europe.

This support is subject to the conditions that the current use in the frequency bands 3 400-3 800 MHz and the protection of primary services, under the existing CEPT regulatory framework, can be continued, and that no undue constraints are imposed on the existing services and their future development.

In consequence, CEPT supports that the technical and regulatory conditions applicable to the band 3400-3600 MHz, in particular the pfd limit of -154.5 dBW/m²/4 kHz not to be exceeded for more than 20 % of time 3 m above ground at the border to protect the neighbouring countries, are one part of the technical conditions in response to WRC-23 agenda item 1.3, recognizing that sharing studies are required in ITU-R to ensure that the full objective of Resolution 246 (WRC-19) is met.

CEPT is of the view that consideration of an IMT identification in this band is not in the scope of Resolution **246 (WRC-19)**. CEPT is of the view that consideration of the aeronautical mobile service is not in the scope of Resolution **246 (WRC-19)**.

Proposals

ARTICLE 5

Frequency allocations

Section IV – Table of Frequency Allocations  
(See No. 2.1)

MOD EUR/XXXXA3/1

3 600-4 800 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 3 600-3 800  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile ADD 5.A13 | 3 600-3 700  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile 5.434  Radiolocation 5.433 | 3 600-3 700  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile  Radiolocation  5.435 |
| 3 700-4 200  FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE except aeronautical mobile | |
| 3 800-4 200  FIXED  FIXED-SATELLITE (space-to-Earth)  Mobile |

ADD EUR/XXXXA3/2

5.A13 Before an administration in Region 1 brings into use a station of the mobile service in the frequency band 3 600-3 800 MHz, it shall ensure that the power flux-density (pfd) produced at 3 m above ground does not exceed −154.5 dB(W/(m2 ⋅ 4 kHz)) for more than 20% of time at the border of the territory of any other administration. In order to ensure that the pfd limit at the border of the territory of any other administration is met, the calculations and verification shall be made, taking into account all relevant information, with the mutual agreement of both administrations (the administration responsible for the terrestrial station and the administration responsible for the FSS earth station) and with the assistance of the Bureau, if so requested. In case of disagreement, calculation and verification of the pfd shall be made by the Bureau, taking into account the information referred to above. At the stage of coordination the provisions of Nos. **9.17** and **9.18** apply. Stations of the mobile service operating in the frequency band 3 600-3 800 MHz shall not claim more protection from space stations than that provided in Table **21-4** of the Radio Regulations.      (WRC-23)

**Reasons:** The objectives of Resolution **246 (WRC-19)** could be satisfied by applying the same technical conditions as for the frequency band 3.4-3.6 GHz, which would guarantee in particular the adequate protection of fixed-satellite service (FSS) earth stations in neighbouring countries, with the necessary pfd limit at the border.