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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| PLENARY MEETING | **Addendum 2 to Document 28-E** |
|  | **16 September 2015** |
|  | **Original: English** |
|  | |
| African Common Proposals | |
| Proposals for the work of the conference | |
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| Agenda item 1.2 | |

1.2 to examine the results of ITU‑R studies, in accordance with Resolution **232 (WRC‑12)**, on the use of the frequency band 694-790 MHz by the mobile, except aeronautical mobile, service in Region 1 and take the appropriate measures;

**Issue A: Option for the refinement of the lower edge**

ARTICLE 5

Frequency allocations

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

MOD AFCP/28A2/1

460-890 MHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 470-694  BROADCASTING  5.149 5.291A 5.294 5.296  5.300 5.304 5.306 5.311A 5.312 | 470-512  BROADCASTING  Fixed  Mobile  5.292 5.293 | 470-585  FIXED  MOBILE  BROADCASTING  5.291 5.298 |
| 512-608  BROADCASTING  5.297 |
| 585-610  FIXED  MOBILE  BROADCASTING  RADIONAVIGATION  5.149 5.305 5.306 5.307 |
| 608-614  RADIO ASTRONOMY  Mobile-satellite except aeronautical mobile-satellite (Earth-to-space) |
| 610-890  FIXED  MOBILE 5.313A 5.317A  BROADCASTING |
| 614-698  BROADCASTING  Fixed  Mobile  5.293 5.309 5.311A |
| 694-790  BROADCASTING  MOBILE except aeronautical mobile MOD 5.312A MOD 5.317A  5.300 5.311A 5.312 |
| 698-806  MOBILE 5.313B 5.317A  BROADCASTING  Fixed   5.293 5.309 5.311A |
| 790-862  FIXED  MOBILE except aeronautical mobile 5.316B 5.317A  BROADCASTING  5.312 5.314 5.315 5.316  5.316A 5.319 |
| 806-890  FIXED  MOBILE 5.317A  BROADCASTING |
| 862-890  FIXED  MOBILE except aeronautical mobile 5.317A  BROADCASTING 5.322 |
| 5.319 5.323 | 5.317 5.318 | 5.149 5.305 5.306 5.307 5.311A 5.320 |

**Reasons:**

1) The WP 6A questionnaire showed that in the majority of countries, the band 470-694 MHz is sufficient for digital terrestrial broadcasting needs, i.e. a total of 224 MHz in the UHF band, hence proposal to set the lower edge boundary at 694 MHz.

2) The modification of GE06 plan in African countries has been finalized and all DTT assignments have been planned within 470-694 MHz in the UHF band.

NOTE – This proposal only applies to the frequency range 470-790 MHz.

MOD AFCP/28A2/2

5.312A In Region 1, the use of the band 694-790 MHz by the mobile, except aeronautical mobile, service is subject to the provisions of Resolution **232 (Rev.WRC‑15)**. See also Resolution **224 (Rev.WRC‑12)**.    (WRC‑15)

**Reasons:** To refer to a modified Resolution 232 which is proposed to specify the use of the band 694-790 MHz by the mobile service.

MOD AFCP/28A2/3

5.317A Those parts of the band 698-960 MHz in Region 2 and the bands 694-790 MHz in Region 1 and 790-960 MHz in Regions 1 and 3 which are allocated to the mobile service on a primary basis are identified for use by administrations wishing to implement International Mobile Telecommunications (IMT) – see Resolutions **224 (Rev.WRC‑12)**, **232 (Rev.WRC‑15)** and **749 (Rev.WRC‑12)**, as appropriate. This identification does not preclude the use of these bands by any application of the services to which they are allocated and does not establish priority in the Radio Regulations.    (WRC‑15)

**Reasons:** To identify the band 694-790 MHz for IMT.

MOD AFCP/28A2/4

RESOLUTION 232 (REV.WRC‑15)

Use of the frequency band 694-790 MHz by the mobile, except aeronautical mobile, service in Region 1

The World Radiocommunication Conference (Geneva, 2015),

...

resolves

that use of the frequency band 694-790 MHz by the mobile service issubject to agreement obtained under No. **9.21** with respect to the aeronautical radionavigation service in countries listed in No. **5.312**. A methodology for identification of the affected administrations under No. **9.21** for the mobile service with respect to the aeronautical radionavigation service in countries listed in No. **5.312** in the 694-790 MHz frequency band,

**Reasons:** To specify the use of the band 694-790 MHz by the mobile service.

Issue B: Technical and regulatory conditions applicable to the mobile service concerning the compatibility between the mobile service and the broadcasting service

NOC AFCP/28A2/5

RADIO REGULATIONS

**Reasons:** The Geneva 2006 Agreement (GE06) protection criteria is sufficient to protect broadcasting services.

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