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| **Radiocommunication Study Groups** |  |
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| **English only** |
| Egypt (Arab Republic of), Saudi Arabia (Kingdom of),  United Arab Emirates | |
| Proposal For Compliance with Resolution 235 (WRC-15)  With Limiting Studies Under wrc-23 agenda item 1.5  to Protection of Primary Services | |
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Introduction

Resolution **235 (WRC-15)** calls for review of the spectrum use and needs within the frequency band 470-960 MHz in Region 1, and to take appropriate regulatory actions including potential allocation to Mobile Service and/or identification of IMT within the whole band, or parts thereof. It resolves to invite ITU-R, after the 2019 World Radiocommunication Conference and in time for the 2023 World Radiocommunication Conference:

1 to review the spectrum use and study the spectrum needs of existing services within the frequency band 470-960 MHz in Region 1, in particular the spectrum requirements of the broadcasting and mobile, except aeronautical mobile, services, taking into account the relevant ITU Radiocommunication Sector (ITU-R) studies, Recommendations and Reports;

2 to carry out sharing and compatibility studies, as appropriate, in the frequency band 470-694 MHz in Region 1 between the broadcasting and mobile, except aeronautical mobile, services, taking into account relevant ITU-R studies, Recommendations and Reports.

Proposal

The Co-signing Administrations have the view that the scope of WRC-23 agenda item (AI) 1.5 is limited to primary services and mobile service while other secondary services should be excluded completely from any studies planned under WRC-23 AI 1.5 for sake of protection and coexistence, due to the following:

– Resolution **235** **(WRC-15)** which is concerned with the review of the spectrum use of the frequency band 470-960 MHz in Region 1, consideration (*i*) stated clearly that protection should be limited to primary services as follows:

*i) that it is necessary to adequately protect all* ***primary services*** *in the frequency band 470‑694 MHz and in adjacent frequency bands;*

– Resolution **235** **(WRC-15)** resolves to study particularly the requirement and coexistence between broadcasting and mobile, except aeronautical mobile, services. Any other services should have primary allocation. Secondary service should be explicitly mentioned in Resolution **235 (WRC-15)** in order to be considered in the studies, which is not the case.

– On the other hand, there is no reference to secondary services in Resolution **235 (WRC‑15)**, and accordingly we should not make any precedence in such a situation by considering secondary services in the study.

– The agreed principles in Annex to the Report of the CVC meeting stated clearly that secondary service should be explicitly mentioned in the Resolution [**235**] **(WRC-15)** in order to be considered:

• "3 This principle is important to identify all services in the frequency band under study.

The impact of the incoming in-band service subject to the agenda item with respect to **in-band secondary services** **need to be assessed if it is mentioned in the resolution supporting that agenda item**. In the absence of guidance from the resolution, the matter is to be treated in accordance with the relevant provisions of the Radio Regulations.

**The protection of primary services in the adjacent frequency band is to be treated in accordance with the relevant provisions of the Radio Regulations.**"

– As per the ITU Radio Regulations, Article **5** – Section 2, on Categories of services and allocations, the primary service is only subject to protection and secondary services should not claim protection and accordingly are not subject to WRC-23 AI 1.5 studies:

*5.28 3) Stations of a secondary service:*

*5.29 a) shall not cause harmful interference to stations of primary services to which frequencies are already assigned or to which frequencies may be assigned at a later date;*

*5.30 b) cannot claim protection from harmful interference from stations of a primary service to which frequencies are already assigned or may be assigned at a later date;*

*…*

*5.33 5) Where a band is indicated in a footnote of the Table as allocated to a service “on a primary basis”, in an area smaller than a Region, or in a particular country, this is a primary service only in that area or country.*

– Resolution **235** **(WRC-15)** addresses the existing primary services in the band 470-960 MHz which include Mobile and Broadcasting services. In addition, Resolution **235** **(WRC-15)** resolves to invite WRC-23 to consider possible regulatory actions in the frequency band 470-694 MHz in Region 1, which includes the primary mobile allocation and identification to IMT. The agenda item is intended for primary allocation to mobile (so, the argument pertaining to the study of mobile without currently having primary allocation in RR is not valid).

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