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| **World Radiocommunication Conference (WRC-19) Sharm el-Sheikh, Egypt, 28 October – 22 November 2019** |  |
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| PLENARY MEETING | **Addendum 7 to Document 16(Add.13)-E** |
|  | **4 October 2019** |
|  | **Original: English** |
|  | |
| European Common Proposals | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 1.13 | |

1.13 to consider identification of frequency bands for the future development of International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution **238 (WRC-15)**;

Part 7 – Frequency band 50.4-52.6 GHz

Introduction

This document presents the European Common Proposal for the frequency bands 50.4-52.6 GHz under WRC-19 agenda item 1.13.

Proposals

ARTICLE 5

Frequency allocations

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

NOC EUR/16A13A7/1#49943

47.5-51.4 GHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 50.4-51.4 FIXED  FIXED-SATELLITE (Earth-to-space) 5.338A  MOBILE  Mobile-satellite (Earth-to-space) | | |

**Reasons:** The frequency band 50.4-52.6 GHz is surrounded by two important passive remote sensing bands (i.e. 50.2-50.4 GHz and 52.6-54.25 GHz) covered by RR No. **5.340**, which would require relevant protection, namely limits to the unwanted emission levels on IMT-2020 systems.  
Complying with the required levels of protection of EESS (passive) in both, the 50.2-50.4 GHz and 52.6-54.25 GHz frequency bands, would constrain its usability for IMT-2020 to a narrow portion of the 50.4-52.6 GHz frequency range, making the band not suitable for IMT-2020.

NOC EUR/16A13A7/2#49945

51.4-55.78 GHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 51.4-52.6 FIXED 5.338A  MOBILE  5.547 5.556 | | |

**Reasons:** The frequency band 50.4-52.6 GHz is surrounded by two important passive remote sensing bands (i.e. 50.2-50.4 GHz and 52.6-54.25 GHz) covered by RR No. **5.340**, which would require relevant protection, namely limits to the unwanted emission levels on IMT-2020 systems.  
Complying with the required levels of protection of EESS (passive) in both, the 50.2-50.4 GHz and 52.6-54.25 GHz frequency bands, would constrain its usability for IMT-2020 to a narrow portion of the 50.4-52.6 GHz frequency range, making the band not suitable for IMT-2020.

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