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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 9 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 9 – Frequency band 71-76 GHz

Introduction

This Addendum presents the European Common Proposal for the frequency band 71-76 GHz under WRC-19 agenda item 1.13.

Proposal

ARTICLE 5

Frequency allocations

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

NOC EUR/16A13A9/1#50546

66-81 GHz

|  |  |  |
| --- | --- | --- |
| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 71-74 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE  MOBILE-SATELLITE (space-to-Earth) | | |
| 74-76 FIXED  FIXED-SATELLITE (space-to-Earth)  MOBILE  BROADCASTING  BROADCASTING-SATELLITE  Space research (space-to-Earth)  5.561 | | |

**Reasons:** The frequency band 71-76 GHz, paired with the frequency band 81-86 GHz, is a fixed link band important for backhauling of 5G. Therefore fixed link usage is expected to increase in the future.

Some studies have also shown that the unwanted emissions of both base station (BS) and user equipment (UE) IMT-2020 would need to be limited to protect automotive radars operating in the 76-81 GHz frequency band.

These constraints make the 71-76 GHz frequency band not suitable for IMT.

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