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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 3 to Document 80(Add.13)-E** |
|  | **7 October 2019** |
|  | **Original: English** |
|  | |
| Japan | |
| 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)**;

Introduction

This document presents the proposals from Japan for the frequency band 66-71 GHz under WRC‑19 agenda item 1.13.

Proposal

Japan supports identifying the 66-71 GHz frequency band for the terrestrial component of IMT globally through Method J2, Alternative 2 with Condition J2a, Option 1 in the CPM Report.

ARTICLE 5

Frequency allocations

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

MOD J/80A13A3/1#49906

5.553In the band 43.5-47 GHz, stations in the land mobile service may be operated subject to not causing harmful interference to the space radiocommunication services to which this band is allocated (see No. **5.43**).     (WRC‑19)

**Reasons:** Japan supports identifying the 66-71 GHz frequency band for the terrestrial component of IMT globally through Method J2, Alternative 2 with Condition J2a, Option 1 in the CPM Report.

MOD J/80A13A3/2#49901

66-81 GHz

|  |  |  |
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| Allocation to services | | |
| Region 1 | Region 2 | Region 3 |
| 66-71 INTER-SATELLITE  MOBILE MOD 5.553 5.558 ADD 5.J113  MOBILE-SATELLITE  RADIONAVIGATION  RADIONAVIGATION-SATELLITE  5.554 | | |

**Reasons:** Japan supports identifying the 66-71 GHz frequency band for the terrestrial component of IMT globally through Method J2, Alternative 2 with Condition J2a, Option 1 in the CPM Report.

ADD J/80A13A3/3#49903

5.J113The frequency band 66-71 GHz is identified for use by administrations wishing to implement the terrestrial component of International Mobile Telecommunications (IMT). This identification does not preclude the use of this frequency band by any application of the services to which they are allocated and does not establish priority in the Radio Regulations. The use of the frequency band 66-71 GHz by the mobile service is also for the implementation of wireless access systems. Resolution **[J/C113-IMT 66/71 GHZ-J2A OPTION1] (WRC‑19)** applies.     (WRC‑19)

**Reasons:** Japan supports identifying the 66-71 GHz frequency band for the terrestrial component of IMT globally through Method J2, Alternative 2 with Condition J2a, Option 1 in the CPM Report.

ADD J/80A13A3/4#49928

DRAFT NEW RESOLUTION [J/C113-IMT 66/71 GHZ-J2A option1] (WRC‑19)

Use of the band 66-71 GHz for International Mobile Telecommunications (IMT) and measures for coexistence with Multiple Gigabit Wireless Systems (MGWS) and other Wireless Access Systems (WAS)

The World Radiocommunication Conference (Sharm el-Sheikh, 2019),

considering

*a)* that International Mobile Telecommunications (IMT), including IMT-2000, IMT-Advanced and IMT‑2020, is intended to provide telecommunication services on a worldwide scale regardless of location and type of network or terminal;

*b)* that the evolution of IMT is being studied within ITU‑R;

*c)* that harmonized worldwide bands and harmonized frequency arrangements for IMT and MGWS/other WAS are highly desirable in order to achieve global roaming and the benefits of economies of scale;

*d)* that adequate and timely availability of spectrum and supporting regulatory provisions are essential to realize the objectives in Recommendation ITU‑R M.2083;

*e)* that IMT systems are envisaged to provide increased peak data rates and capacity that may require a larger bandwidth;

*f)* that IMT and MGWS/other WAS are intended to provide telecommunication services on a worldwide scale;

*g)* that the lower adjacent band, 57-66 GHz, is used for MGWS/other WAS,

noting

*a)* Resolutions **223 (Rev.WRC‑15)**, **224 (Rev.WRC‑15)** and **225 (Rev.WRC‑12)**, which also relate to IMT;

*b)* that Recommendation ITU**‑**R M.2083 provides IMT Vision – “Framework and overall objectives of the future development of IMT for 2020 and beyond”;

*c)* that the identification of a frequency band for IMT does not establish priority in the Radio Regulations and does not preclude the use of the frequency band by any application of the services to which it is allocated;

*d)* Recommendation ITU‑R M.2003‑2 on Multiple Gigabit Wireless Systems in frequencies around 60 GHz;

*e)* that Multiple Gigabit Wireless Systems (MGWS) are widely used for fixed, semi-fixed (transportable) and portable mobile devices for a variety of broadband applications;

*f)* Report ITU‑R M.2227‑2 on use of Multiple Gigabit Wireless Systems in frequencies around 60 GHz,

recognizing

that the identification of a frequency band for IMT does not establish priority in the Radio Regulations and does not preclude the use of the frequency band by any application of the services to which it is allocated,

resolves

that administrations wishing to implement IMT in the frequency band 66-71 GHz under the provisions in No. **5.J113**, who have implemented or are wishing to implement MGWS and other WAS in the same frequency band, consider coexistence between them taking into account the relevant ITU-R Reports and Recommendations (see *invites ITU-R* 2 and 3),

invites ITU‑R

1 to develop harmonized frequency arrangements to facilitate IMT deployment in the frequency band 66-71 GHz taking into account the results of sharing and compatibility studies;

2 to develop ITU‑R Recommendations and Reports that will assist administrations in ensuring that applications and services in the band 66-71 GHz can utilize the band efficiently including the development of appropriate coexistence techniques between IMT and WAS where needed;

3 to regularly review the impact of the evolution of IMT technical and operational characteristics (including deployment and base-station density) on sharing and compatibility with other services (e.g. space services) and, as necessary, to take into account the results of these reviews in the development or revision of ITU‑R Recommendations/Reports, e.g. on IMT characteristics”.

**Reasons:** Japan supports identifying the frequency band 66-71 GHz for IMT together with the conditions shown in the above new WRC Resolution.

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