**Report of the Agenda Item Coordinator during WRC-19**

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1. Agenda Item

*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)****;*

1. APT Common Proposals and APT Views for WRC-19 (which has been submitted to WRC-19)

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| --- | --- | --- | --- |
| Document | Addendum No. | Frequency Bands  | ACP No.  |
| Addendum 13 to Document [24](https://www.itu.int/md/R16-WRC19-C-0024/en) | A1 | 24.25-27.5 GHz | A13-A1/1 to 6 |
| A2 | 31.8-33.4 GHz | A13-A2/1 |
| A3 | 37-40.5, 40.5-42.5 and 42.5-43.5 GHz | A13-A3/1 to 5 |
| A4 | 45.5-47 GHz | A13-A4/1 |
| A5 | 47-47.2 GHz | A13-A5/1 |
| A6 | 66-71 GHz | A13-A6/1 |
| A7 | TRP treatment | A13-A7/1 |

1. Topics proposed by other regional Groups or ITU Members which are not included in no. 2 above
* See the relevant input documents to WRC-19.
1. Progress of discussion during WRC-19 on the Agenda Item
* SWG 4A1 finished its work in late evening yesterday. Several DT documents are under documentation process to be discussed in WG 4A.

| Frequency Bands  | Status  |
| --- | --- |
| 24.25-27.5 GHz | Output from SWG 4A1 is TBD |
| 31.8-33.4 GHz | NOC (approved by Plenary, [150](https://www.itu.int/md/R16-WRC19-C-0150/en)) |
| 37-40.5, 40.5-42.5 and 42.5-43.5 GHz | Output from SWG 4A1 is TBD |
| 45.5-47 GHz | Output from SWG 4A1 is TBD |
| 47-47.2 GHz | NOC (approved by Plenary, [150](https://www.itu.int/md/R16-WRC19-C-0150/en)) |
| 47.2-50.2 GHz | Output from SWG 4A1 is [DT/139](https://www.itu.int/md/R16-WRC19-191028-TD-0139/en) |
| 50.4-52.6 GHz | Output from SWG 4A1 is [DT/138](https://www.itu.int/md/R16-WRC19-191028-TD-0138/en) |
| 66-71 GHz | Output from SWG 4A1 is [DT/137](https://www.itu.int/md/R16-WRC19-191028-TD-0137/en) |
| 71-76 GHz | NOC (approved by Plenary, [202](https://www.itu.int/md/R16-WRC19-C-0202/en)) |
| 81-86 GHz | NOC (approved by Plenary, [202](https://www.itu.int/md/R16-WRC19-C-0202/en)) |

1. Issues which require discussion at APT Coordination Meetings and seek guidance thereafter
* Informal coordination meeting on the EESS (passive) protection in the 24 GHz is continued. Several new ideas were presented in the yesterday meeting (See Annex). However, the participants are all trying to find a single global value for this protection. The next coordination meeting is planned in Friday lunch break.
* Informal coordination meeting on the Conditions A2b, A2c, A2d and A2e was held, and compromised text as a package was presented to the SWG, noting that there was no agreement in the information coordination meeting. Concerns were expressed in the SWG, in particular, the stipulating the e.i.r.p. limits for protection of the space services in the 26 GHz band.
* The APT coordinator plans to hold the APT coordination meeting on agenda item 1.13 from 8:00 tomorrow, depending on the progress of WP 4A today.

*Note: Coordinators are encouraged to conduct informal consultation with interested APT Members on the issues/topics under no. 3 and inform the outcomes of consultation to the Coordination Meeting*. *Coordinators can also organize coordination meetings on the respective agenda items whenever necessary.*

Annex

1. Single value applied to IMT BS worldwide: XX dB(W/200MHz)
2. 2 step approach with 2 options

|  |  |
| --- | --- |
| YY dB(W/200 MHz) | T (years) |
| ZZ dB(W/200 MHz) |

|  |
| --- |
| Table 1-1: YY dB(W/200 MHz) |
| Table 1-2: ZZ dB(W/200 MHz) |
| ZZ becomes mandatory for stations implemented after T years |

|  |  |  |  |
| --- | --- | --- | --- |
| YY  | -37 |  |  |
| ZZ | -42 |  |  |
| T | 5 |  |  |

1. 2 bands approach
* 25.25-27.5 GHz
	+ Identify to IMT with an UWE limit of [AA]
* 24.25-25.25 GHz
	+ Allocate to mobile.
	+ Provisionally apply UWE limit of [BB]
	+ Identify to IMT after [later date/future WRC]
	+ Future WRC at a later date to review UWE limit of BB]

|  |  |  |  |
| --- | --- | --- | --- |
| AA  | -42 to -49 |  |  |
| BB | >=-42 |  |  |

1. Agree on less restrictive baseline OOBE limit
	1. ADD note for possible additional mitigation techniques that administrations may consider (e.g. possible additional guardband above 24.25 GHz)
2. Mix
	1. less stringent values in Table 1-1 in Resolution 750
	2. more stringent values in Table 1-2 in Resolution 750
	3. resolves the protection of EESS (passive) in Resolution IMT
	4. invites administrations to adopt a national/regional provision to protect EESS (passive) taking into account Resolution 750
	5. invites ITU-R on characteristics of unwanted emissions of IMT stations (to assist administrations)
3. Add countries' footnotes listing different OOBE values
	1. -28: Regions and/or countries
	2. -32: Regions and/or countries
	3. … -42: Regions and/or countries

Or different values in Table 1-1 and 1-2.