|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. **Agenda item 1.4** | | | | | | | | | | | | | | |
| **Agenda Item**  [Number] | | | to consider, in accordance with Resolution **247 (WRC‑19)**, the use of high-altitude platform stations as IMT base stations (HIBS) in the mobile service in certain frequency bands below 2.7 GHz already identified for IMT, on a global or regional level; | | | | | | | | | | | |
| **Working Group** | | | | WG-1 | | | **Sub-Working Group** | | | SWG-1D | |
| **Coordinator** | Shiro Fukumoto | | | | | | | **Email** | | | shiro.fukumoto01@g.softbank.co.jp | | | |
| **WP Chair** | Dr. Jaewoo Lim | | | | | | | **Email** | | | jwlim@korea.kr | | | |
| **Report Date** | **April 05, 2023** | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **APT** | | | | | | | | | | | | | | |
| **APT Preliminary Views**  CPM23-2/xxxx | | | | None at this stage ( APG23-5/OUT-07 (Rev.1)) | | | | | | | | | | |
| **APT Views for modification of CPM Report**  CPM23-2/xxxx | | | | - | | | | | | | | | | |
| **Outcome from earlier**  **APT Coord meeting** | | | | - | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **Other regional groups** | | | | | | | | | | | | | | |
|  | | **ATU** | | | | **ASMG** | | | **CEPT** | | | **CITEL** | | **RCC** |
| **Input(s)** | | CPM23-2/xxxx | | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | | CPM23-2/xxxx | | CPM23-2/xxxx |
| **Summary of views/proposals** | | **-** | | | | **-** | | | No input contribution but proposed new pfd masks for the protection of terrestrial IMT | | | **-** | | **-** |
|  | | | | | | | | | | | | | | |
| 1. **Summary of discussions during CPM23-2** | | | | | | | | | | | | | | |
| **Working documents/TEMPs etc** | | | | | [CPM23-2/DT/33](https://www.itu.int/md/R19-CPM23.2-230327-TD-0033/en) | | | | | | | | | |
| Methods A3, B3, C3 and D3  This Method was update as the use of HIBS not claiming protection and additional provisions based on the following proposals:   * ATU: Article 11 provisions for purposes of aiding planning and coordination. * Iran: Provisions to send an objective, measurable and enforceable commitment undertaking that in case of causing unacceptable interference   Protection of the broadcasting service from HIBS in 694-960 MHz  Examples 1 and 2 were updated, the current TEMP doc has 3 examples as follows:   * Example 1: In case of GE06 applies, threshold in GE06 applies. Other case, 9.21 with pfd threshold (RUS) * Example 2: In case of GE06 applies, pfd threshold applies. Other case, 9.21 with pfd threshold (J) * Example 3: pfd hard limits in any case (WP 6A)   Protection of the RAS from HIBS 2nd harmonics  There were differing views on whether this is included in the scope of this agenda item.  For the protection of RAS in 1 610.6-1 613.8 MHz from HIBS 2nd harmonics in 805.3-806.9 MHz, Example 2 was newly added based on the proposal from Japan, and the current TEMP doc has 3 examples as follows:   * Example 1: No provision * Example 2: Add recognizing f) to show the spurious emissions limit for ensuring the protection of RAS * Example 3: pfd limit in resolves 6.3 and 6.4   For RAS in 1400-1427 MHz and 1660-1670 MHz which may also be affected by HIBS 2nd harmonics, the current TEMP doc clarified the direction of frequency range of HIBS as uplink only.  Protection of terrestrial IMT  Examples 2 and 3 were updated based on the proposals from CEPT and USA respectively.   * Example 2 stipulates pfd masks for the protection of IMT UE and BS separately, and for the band above 1.7 GHz, AAS based pfd mask was applied for the protection of IMT BS. * Example 3 stipulates unified pfd masks for the protection of both IMT UE and BS based on the protection of IMT BS. This example also applies aggregated pfd masks produced by multiple HIBS.   Frequency band 698-790 MHz in Region 3 countries  There were diverse views on whether this frequency band is within the scope of this agenda among APT countries. The current TEMP doc reflected two different views on this matter. | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| 1. **Issue(s) which require discussion and further guidance at APG Coordination meeting** | | | | | | | | | | | | | | |
| None | | | | | | | | | | | | | | |