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| 1. **Agenda item**
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| **Agenda Item**9.1 Topic d | Protection of EESS (passive) in the frequency band 36-37㎓ from non-GSO FSS space stations; |
| **Working Group** | WG5 | **Sub-Working Group**  |  SWG5D |
| **Coordinator** | Hwangjae Rhee | **Email** | rhee@synctechno.com |
| **WP Chair** | Dr. Wahyudi Hasbi | **Email** | wahyudi.hasbi@lapan.go.id |
| **Report Date** | **Monday, April 3, 2023** |
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| 1. **APT**
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| **APT Preliminary Views**CPM23-2/ | APT Members support the protection of EESS (passive) sensors, including cold-sky calibration, in the band 36–37 GHz from non-GSO FSS operations in the band 37.5–38 GHz, with an unwanted emission power density limit, based on the results of ITU-R studies.* Other View: Some APT Members support an approach of implementing the conditions identified in the results of ITU-R studies conducted under this agenda item as regulatory provisions to protect EESS (passive) sensors.
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| **APT Views for modification of CPM Report**[CPM23-2/240 R1](https://www.itu.int/dms_ties/itu-r/md/19/cpm23.2/c/R19-CPM23.2-C-0240%21R1%21MSW-E.docx) | Results of CPM23-1 stipulates that “WRC‑19 invites **ITU-R to conduct further study of this topic and develop Recommendations and/or Reports,** as appropriate, and **report back to WRC‑23 to take action**, if necessary”. |
| **Outcome from earlier** **APT Coord meeting** | None |
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| 1. **Other regional groups**
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|  | **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 | None2022. 8. (APM23-3) | None2023. 2. (30th ASMG) | None([APG23-5/INF-39](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-39_Status_of_CEPT_preparation_for_WRC-23_and_RA-23.pdf))  | None([APG23-5/INF-43](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-43_CITEL_preparation_for_WRC-23.pdf)) | None([APG23-5/INF-45](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-45_Status_of_RCC_preparation_to_the_WRC-23.pdf)) |
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| 1. **Summary of discussions during CPM23-2**
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| **Working documents/TEMPs etc** | [CPM23-2/34 (F)](http://www.itu.int/dms_ties/itu-r/md/19/cpm23.2/c/R19-CPM23.2-C-0034%21%21MSW-E.docx)[CPM23-2/83 (CHN)](https://www.itu.int/dms_ties/itu-r/md/19/cpm23.2/c/R19-CPM23.2-C-0083%21%21MSW-E.docx) [CPM23-2/DT/4](https://www.itu.int/dms_inf/itu-r/md/19/cpm23.2/td/230327/R19-CPM23.2-230327-TD-0004%21%21MSW-E.docx) |
| * Technical matter: “WRC‑19 invites ITU-R to conduct further study of this topic and develop Recommendations and/or Reports, as appropriate,”
* Regulatory matter: “and report back to WRC‑23 to take action, if necessary.”

“WRC-23 is therefore invited to consider whether any action should be taken at this Conference”* Technical matter: “When considering an additional attenuation provided by the FSS satellite body of more than 18 dB, all studies conclude that no specific unwanted emission limit would be needed to cover this scenario.” And “
* Technical matter: “This would be applicable to non‑GSO FSS constellations operating at altitudes above 407 km (minimum altitude of EESS (passive) sensors in this frequency band) and below 2 000 km (limited to LEO constellations).”
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| 1. **Issue(s) which require discussion and further guidance at APG Coordination meeting**
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| [if any] |