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| **The 5th Meeting of the APT Conference Preparatory**  **Group for WRC-23 (APG23-5)** | **APG23-5/OUT-06** |
| 20 – 25 February 2023, Busan, Republic of Korea | 24 February 2023 |

Working Party 1

**PRELIMINARY VIEWs on WRC-23 agenda item 1.3**

**Agenda Item 1.3:**

*to consider primary allocation of the band 3 600‑3 800 MHz to mobile service within Region 1 and take appropriate regulatory actions, in accordance with Resolution****246 (WRC‑19****);*

**1. Background**

At WRC-19, ASMG, in [Document 29](https://www.itu.int/md/R16-WRC19-C-0029/en) (Add.24-Add.4), and a number of African countries, in [Document 94](https://www.itu.int/md/R16-WRC19-C-0094/en), proposed this agenda item for WRC-23. Resolution **246 (WRC-19)**, resolves to invite ITU-Rto conduct sharing and compatibility studies in time for WRC‑23 between the mobile service and other services allocated on a primary basis within the frequency band 3 600-3 800 MHz and adjacent bands in Region 1, as appropriate, to ensure protection of those services to which the frequency band is allocated on a primary basis, and not impose undue constraints on the existing services and their future development.

In accordance with the Resolution and the results of CPM 23-1 (Doc. [CA/251](https://www.itu.int/dms_pub/itu-r/md/00/ca/cir/R00-CA-CIR-0251!!PDF-E.pdf)), ITU-R Working Party (WP) 5A is the responsible group for conduction of predatory work for WRC-23. Until now, [ITU-R WP 5A](https://www.itu.int/en/ITU-R/study-groups/rsg5/rwp5a/Pages/default.aspx) has discussed this agenda item during five times (in its 23rd, to 27th meetings) and planned to hold the last meeting during 14-25 November 2022 (See [Doc. 5A/597-E](https://www.itu.int/dms_pub/itu-r/md/19/wp5a/c/R19-WP5A-C-0597!N05!MSW-E.docx) for the table of meeting events and report of relevant activities). During its 27th meeting in May/June 2022, the [draft CPM text](https://www.itu.int/dms_pub/itu-r/md/19/wp5a/c/R19-WP5A-C-0597!N04!MSW-E.docx) for the agenda item 1.3 was finalized and transferred to the CPM chapter Rapporteur. In the heading of this text, two divergent *views* on inclusion/exclusion of IMT identification within the scope of the agenda item were presented. There are also two more divergent views on sufficiency/insufficiency of base/mobile station pfd limit of -154.5 dB(W/(m2 ⋅ 4 kHz)) to protect FSS receiving earth station.

The following four methods to satisfy this agenda item are proposed in Section 1/1.3/4 of the [draft CPM text](https://www.itu.int/dms_pub/itu-r/md/19/wp5a/c/R19-WP5A-C-0597!N04!MSW-E.docx):

* + - **Method A:** No change
    - **Method B:** Upgrade of the allocation of 3 600-3 800 MHz to the mobile, except aeronautical mobile, service on a primary basis within Region 1 without conditions
    - **Method C:** Upgrade of the allocation of 3 600-3 800 MHz to the mobile, except aeronautical mobile, service on a primary basis within Region 1 with regulatory and/or technical conditions. This Method includes five alternatives for conditions.
    - **Method D:** Upgrade of the allocation of 3 600-3 800 MHz to the mobile, except aeronautical mobile, service on a primary basis within Region 1 without conditions, and identification for IMT

All four methods also propose to suppress Resolution **246 (WRC-19)**.

The “[Working document towards a draft Report for sharing and compatibility studies in compliance with Resolution **246** (**WRC-19**) in relation with WRC-23 agenda item 1.3](https://www.itu.int/dms_pub/itu-r/md/19/wp5a/c/R19-WP5A-C-0708!N14!MSW-E.docx)” was further discussed and updated in the [WP 5A](https://www.itu.int/en/ITU-R/study-groups/rsg5/rwp5a/Pages/default.aspx) 28th meeting, however, the work on it would probably continue in the [WP 5A](https://www.itu.int/en/ITU-R/study-groups/rsg5/rwp5a/Pages/default.aspx) 29th meeting (9 to 18 May 2023) by reviewing the document after the second CPM meeting, if necessary, for submission to Study Group 5.

Region 3 already has a primary mobile, except aeronautical Mobile, allocation within the 3 600 – 3 800 MHz frequency band with a number of countries deploying stations in the mobile service in this band.

**2. Documents**

* Input Documents APG23-2/[INP-10](https://www.apt.int/sites/default/files/2021/04/APG23-2-INP-10Rev.1.docx) (J), [INP-24](https://www.apt.int/sites/default/files/2021/04/APG23-2-INP-24_AUS_contribution_for_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1Topic_c_and_No._21.5.docx) (AUS), [INP-30](https://www.apt.int/sites/default/files/2021/04/APG23-2-INP-30_WP1_kor.docx) (KOR), [INP-44](https://www.apt.int/sites/default/files/2021/04/APG23-2-INP-44_PRELIMINARY_VIEWS_ON_WRC-23_AGENDA_ITEMS_1.1_1.2_1.3_AND_NO.21.5.docx) (CHN), [INP-50](https://www.apt.int/sites/default/files/2021/04/APG23-2-INP-50_VTN_WP1_PV_1.1_1.2_1.3_1.4_1.5.docx) (VTN)
* Input Documents APG23-3/[INP-07](https://www.apt.int/sites/default/files/2021/10/APG23-3-INP-07_AUS_contribution_for_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1Topic_c_and_No._21.5_v2.docx) (AUS), [INP-20](https://www.apt.int/sites/default/files/2021/11/APG23-3-INP-20_New_Zealand_input_to_WP1_AIs_1.1_1.2_1.3_1.5_9.1_Topic_C_Art._No_21.5.docx) (NZL), [INP-28](https://www.apt.int/sites/default/files/2021/11/APG23-3-INP-28_J-1_WP1_PRELIMINARY_VIEWS_ON_WRC-23_AGENDA_ITEMS_1.1_1.2_1.3_1.4_AND_RR_NO._21.5.docx) (J), [INP-46](https://www.apt.int/sites/default/files/2021/11/APG23-3-INP-46_Iran-AI1.2_1.3_1.4_1.5_9.1c.docx) (IRN), [INP-51](https://www.apt.int/sites/default/files/2021/11/APG23-3-INP-51_VTN_WP1_PV_1.1_1.2_1.3_1.4_1.5.docx) (VTN)
* Input Documents APG23-4/[INP-07](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-07_J-1_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1.C_and_RR_No.21.5.docx) (J), [INP-14](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-14_AUS_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1Topic_c_and_No21.5.docx) (AUS), [INP-23](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-23_IRN_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_and_9.1Topic_c.docx) (IRN), [INP-34](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-34_KOR_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4__9.1Topic_c_and_No.21.5.docx) (KOR), [INP-40](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-40_China_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1Topic_c_and_No.21.5.docx) (CHN), [INP-51](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-51_NZL_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.5_9.1_Topic_c_and_No.21.5.docx) (NZL), [INP-61](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-61_India_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.2_1.3_1.4_1.5_9.1Topic_c_and_No.21.5.docx) (IND), [INP-73](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-73_Philippines_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_and_9.1Topic_c_0.docx) (PHL), [INP-](https://www.apt.int/sites/default/files/2022/08/APG23-4-INP-74_VTN_WP1_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_and_1.5.docx)74 (VTN)
* Input Documents APG23-5/[INP-14](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-14_Japan-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1C_and_RR_NO.21.5.docx) (J), [INP-26](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-26_India_WP1-Preliminary_Views_on_WRC_23_Agenda_Items_1.2_1.3_1.4_1.5_9.1Topic_c_and_RR_No.21.5.docx) (IND), [INP-32](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-32_Bangladesh_WP1-Preliminary_Views_on_WRC_23_Agenda_Items_1.2_1.3_1.4_and_9.1_Topic_c.docx) (BGD), [INP-36](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-36_Iran-WP1-Preliminary_Views_on_WRC_23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_and_9.1Topic_c.docx) (IRN), [INP-52](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-52_Viet_Nam-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_and_1.5.docx) (VTN), [INP-56](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-56_Australia-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1Topic_c_and_RR_No.21.5.docx) (AUS), [INP-73(Rev.1)](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-73Rev.1_New_Zealand-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.5_9.1Topic_c_and_RR_No._21.5.docx) (NZL), [INP-88](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-88_China-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_and_RR_No.21.5.docx) (CHN)
* Information Documents APG23-2/[INF-10](https://www.apt.int/sites/default/files/2021/03/APG23-2-INF-10_Briefing_on_AI1.3.docx) (DG Chairman), [INF-25](https://www.apt.int/sites/default/files/2021/04/APG23-2-INF-25_ASMG_Preparation_for_WRC-23.pdf) (ASMG), [INF-30](https://www.apt.int/sites/default/files/2021/04/APG23-2-INF-30_GSMA_contribution_APG23-2_final.docx) (GSMA), [INF-34](https://www.apt.int/sites/default/files/2021/04/APG23-2-INF-34_CITEL_Preparation_for_WRC-23.pdf) (CITEL), [INF-35](https://www.apt.int/sites/default/files/2021/04/APG23-2-INF-35_Status_of_CEPT_Preparation_for_WRC-23_and_RA-23.pdf) (CEPT)
* Information Documents APG23-3/[INF-01](https://www.apt.int/sites/default/files/2021/10/APG23-3-INF-01_Preliminary_WMO_Position_on_WRC-23_Agenda.docx) (WMO), [INF-15](https://www.apt.int/sites/default/files/2021/10/APG23-3-INF-15_ICAO-Position_for_ITU_WRC-23.docx) (ICAO),   
  [INF-18](https://www.apt.int/sites/default/files/2021/11/APG23-3-INF-18_GSMA_Views.docx) (GSMA Hong Kong), [INF-20](https://www.apt.int/sites/default/files/2021/11/APG23-3-INF-20_Status_of_CEPT_Preparation_for_WRC-23_and_RA-23.pdf)/[INF-41](https://www.apt.int/sites/default/files/2021/11/APG23-3-INF-41_Status_of_CEPT_Preparation_for_WRC-23_and_RA-23.pdf) (CEPT), [INF-21](https://www.apt.int/sites/default/files/2021/11/APG23-3-INF-21_Briefing_on_AI1.3-clean.docx) (DG Chair), [INF-37](https://www.apt.int/sites/default/files/2021/11/APG23-3-INF-37_ASMG_Preparation_for_WRC-23.pdf) (ASMG), [INF-39](https://www.apt.int/sites/default/files/2021/11/APG23-3-INF-39_Report_of_APM23-2.docx) (ATU)
* Information Documents APG23-4/ [INF-02](https://www.apt.int/sites/default/files/2022/07/APG23-4-INF-02_ATU_preparation.docx) (ATU), [INF-03](https://www.apt.int/sites/default/files/2022/07/APG23-4-INF-03_WMO_Positions.docx) (WMO), [INF-16](https://www.apt.int/sites/default/files/2022/08/APG23-4-INF-16_Brief_on_AI1.3.docx) (DG Chair), [INF-21](https://www.apt.int/sites/default/files/2022/08/APG23-4-INF-21_ASMG_Preparation_for_WRC-23.pdf) (ASMG), [INF-28](https://www.apt.int/sites/default/files/2022/08/APG23-4-INF-28_CITEL_Preparation_for_WRC-23.pdf) (CITEL), [INF-30](https://www.apt.int/sites/default/files/2022/08/APG23-4-INF-30_Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_and_1.5.docx) (GSA), [INF-33](https://www.apt.int/sites/default/files/2022/08/APG23-4-INF-33_GSMA_views_on_WRC-23_Agenda_Items.docx) (GSMA), [INF-44](https://www.rcc.org.ru/netcat_files/userfiles/%20Position_%20RCC_for_WRC-23_3_June_2022.doc) (RCC), [INF-48](https://www.apt.int/sites/default/files/2022/08/APG23-4-INF-48_Status_of_CEPT_preparation_for_WRC-23_and_RA-23.pdf) (CEPT)
* Information Documents APG23-5/ [INF-01](https://www.apt.int/sites/default/files/2023/01/APG23-5-INF-01_WMO_Position_on_WRC-23_Agenda.docx) (WMO), [INF-21](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-21_IARU_Views_on_WRC-23_Agenda_Items_1.2_1.12_1.14_1.18_and_9.1Topics_a_and_b.docx) (IARU), [INF-24](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-24_Views_on_WRC-23_for_mobile.docx) (GSMA), [INF-29(Rev.1)](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-29_Brief_on_AI1.3.docx) (DG Chair), [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) (CEPT), [INF-43](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-43_CITEL_preparation_for_WRC-23.pdf) (CITEL), [INF-45](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-45_Status_of_RCC_preparation_to_the_WRC-23.pdf) (RCC)

**3. Summary of discussions**

**3.1 Summary of APT Members’ views**

**3.1.1 Japan – Document APG23-5/**[**INP-14**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-14_Japan-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1C_and_RR_NO.21.5.docx)

Japan supports a method for the primary allocation of the frequency band 3 600-3 800 MHz to the mobile service in Region 1 for global harmonisation of the frequency band allocated to the mobile service, while ensuring protection of the existing services to which the frequency band is allocated on a primary basis taking into account the results of sharing and compatibility studies.

**3.1.2 India – Document APG23-5/**[**INP-26**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-26_India_WP1-Preliminary_Views_on_WRC_23_Agenda_Items_1.2_1.3_1.4_1.5_9.1Topic_c_and_RR_No.21.5.docx)

India supports the upgrading of the allocation of the frequency band 3 600-3 800 MHz to the mobile, except aeronautical mobile service on a primary basis in Region 1 based on the sharing and compatibility studies as per Resolution **246 (Rev.WRC-19)** while ensuring protection to the existing and planned satellite usages in the band in Region 3.

**3.1.3 Bangladesh (People's Republic of) – Document APG23-5/**[**INP-32**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-32_Bangladesh_WP1-Preliminary_Views_on_WRC_23_Agenda_Items_1.2_1.3_1.4_and_9.1_Topic_c.docx)

In the interest of global harmonization, Bangladesh supports Method D of the draft CPM report to consider primary allocation of the band 3 600-3 800 MHz to the mobile service in Region 1 and take appropriate regulatory actions, in accordance with Resolution **246 (WRC-19)**.

**3.1.4 Iran (Islamic Republic of) – Document APG23-5/**[**INP-36**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-36_Iran-WP1-Preliminary_Views_on_WRC_23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_and_9.1Topic_c.docx)

I.R. of Iran is of the view that the potential possibilities of upgrading mobile service to primary allocation in the band 3 600 – 3 800 MHz in Region 1 shall be conditioned to fully protect services to which the frequency are allocated in Region 3 and shall not have any adverse effect, what so ever, on the operation of the assignments to which the existing services and their future development in Region 3.

It is important and fundamental that any discussions on this agenda item shall not be mixed up on the discussions being followed / carried out under Agenda Item 1.2.This agenda item does not relate to the potential use of the band, if upgraded to primary, for IMT.

This Administration supports Alternative C1 of Method C, which proposes the same technical and regulatory conditions as for the frequency band 3 400-3 600 MHz (except IMT identification).

**3.1.5 Viet Nam (Socialist Republic of) – Document APG23-5/**[**INP-52**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-52_Viet_Nam-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_and_1.5.docx)

Taking into account relevant ITU-R studies as well as the interest of global harmonization and economies of scale, Viet Nam supports to upgrade the allocation of 3 600-3 800 MHz to the mobile, except aeronautical mobile, service on a primary basis within Region 1 and identification for IMT. Therefore methods D could be supported.

**3.1.6 Australia – Document APG23-5/**[**INP-56**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-56_Australia-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_9.1Topic_c_and_RR_No.21.5.docx)

Australia notes that this is a Region 1 issue and does not have a position on this agenda item. ITU-R studies including adjacent band services in accordance with Resolution **246 (WRC-19)** may assist to inform a decision on allocation of the 3.6-3.8 GHz band to the mobile, except aeronautical mobile, service on a primary basis within Region 1.

**3.1.7 New Zealand – Document APG23-5/**[**INP-73(Rev.1)**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-73Rev.1_New_Zealand-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.5_9.1Topic_c_and_RR_No._21.5.docx)

New Zealand notes that this is a Region 1 issue, and that Region 3 has an existing primary allocation to the mobile service in the 3 600 – 3 800 MHz frequency band without additional conditions through footnote. New Zealand notes that Method B of the draft CPM text would result in a Region 1 Primary Mobile Allocation having comparable conditions to the current Region 3 Primary Mobile allocation. New Zealand supports harmonisation in this band and notes that Region 3 countries have deployed stations in the mobile service in the 3600 – 3800 MHz frequency band. New Zealand is also of the view that a IMT identification is out of scope of this agenda item.

**3.1.8 China (People's Republic of) – Document APG23-5/**[**INP-88**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INP-88_China-WP1-Preliminary_Views_on_WRC-23_Agenda_Items_1.1_1.2_1.3_1.4_1.5_and_RR_No.21.5.docx)

China is of the view that the primary allocation to the mobile service in the band 3 600-3 800 MHz in Region 1 should take into account the results of studies conducted in ITU-R **WP 5A** and take appropriate regulatory and technical conditions to ensure the protection of services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate) in Region 3.

China supports method A (NoC), before fully ensuring the protection of the existing services and their future development.

**3.2 Summary of issues raised during the meeting**

During APG23-5 meeting, it was discussed that harmonization of a frequency allocation in a multi-Region scale, is an outcome of a process supported by successful studies on protection of other existing and planned radiocommunication services with similar conditions within the concerned frequency band and adjacent frequency bands. Therefore, it is not the only driving objective for agenda item 1.3.

Subject to protection of existing and planned services, some APT Members raised an issue regarding to the upgrading of status of mobile service allocation to primary in the interest of global harmonisation.

During APG23-4 meeting, some administrations raised the point that identification of the band 3 600 – 3 800 MHz in Region 1, if upgraded to primary, for IMT is not in the scope of WRC-23 agenda item 1.3. However, there was also supporting administration for such identification. These different interpretations of this agenda item, were also reflected by *views* 1 and 2 of agenda item 1.3 [CPM text](https://www.itu.int/dms_pub/itu-r/md/19/wp5a/c/R19-WP5A-C-0597!N04!MSW-E.docx).

**4. APT Preliminary View(s)**

APT Members are of the view that a possible upgrade of the mobile service to a primary allocation in the band 3 600 – 3 800 MHz in Region 1 shall protect existing and planned services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate) in Region 3, taking into account the results of sharing and compatibility studies.

APT Members are also of the view that this is a Region 1 issue, and such upgrading shall not have any adverse effect on the allocation of the existing services and their future development in Region 3.

APT Members are of the view that any discussions on this agenda item shall not be mixed up with the discussions being followed / carried out under agenda item 1.2, i.e., no identification of the frequency band 3 600-3 800 MHz for IMT.

**5. Other View(s) from APT Members**

In the interest of global harmonization and economies of scale, some APT Members support to upgrade the allocation of the band 3 600-3 800 MHz to the mobile, except aeronautical mobile, service on a primary basis within Region 1 and its identification for IMT. However, some other APT Members support such upgrading without IMT identification.

**6. Issues for Consideration at Next APG Meeting**

APT Members are encouraged to submit their contributions for further considerations in the next APG23-6 meeting, taking into account outcome of the second CPM-23 and progress of remaining process of ITU-R studies.

**7. Views from Other Organisations**

**7.1 Regional Groups**

**7.1.1 ATU - Document APG23-4/**[**INF-02**](https://www.apt.int/sites/default/files/2022/07/APG23-4-INF-02_ATU_preparation.docx)

**Consider** taking a position once studies under this agenda item have sufficiently progressed - given the preliminary studies highlighted above, it is evident that ATU at this point should follow the studies and contribute to them.

**7.1.2 ASMG - Document APG23-4/**[**INF-21**](https://www.apt.int/sites/default/files/2022/08/APG23-4-INF-21_ASMG_Preparation_for_WRC-23.pdf)

To continue support for the upgrading of the 3800-3600 MHz frequency band to the mobile service, excluding aeronautical mobile, on a primary basis in Region 1, and identifying for International Mobile Telecommunications (IMT) systems without imposing unnecessary restrictions on existing services and their future development.

**7.1.3 CITEL - Document APG23-5/**[**INF-43**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-43_CITEL_preparation_for_WRC-23.pdf)

**Some Administrations propose:** NOC to Article 5 in the 3600-3800 MHz frequency allocations for Region 2.

**Reasons:** WRC-23 agenda item 1.3 addresses to consider primary allocation of the band 3600-3800 MHz to mobile service within Region 1 and consider possible regulatory actions in the frequency band 3600-3800 MHz in Region 1 only. Any changes made to the Radio Regulations under WRC-23 agenda item 1.3 must not impact the existing allocations and identifications for Region 2, nor subject Region 2 to any changed procedural or regulatory provisions. Therefore, no change is proposed for Region 2 and this proposal does not address Regions 1 and 3.

**7.1.4 CEPT - Document 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)

CEPT support the upgrade of the allocation of the frequency band 3600‐3800 MHz to the mobile, except aeronautical mobile, service on a primary basis in Region 1 to improve opportunities for the introduction of MS applications in Europe.

This support is subject to the conditions that the current use in the frequency bands 3400‐3800 MHz and the protection of primary services, under the existing CEPT regulatory framework, can be continued, and that no undue constraints are imposed on the existing services and their future development.

In consequence, CEPT supports that the technical and regulatory conditions applicable to the band 3400‐3600 MHz, in particular the pfd limit of ‐154.5 dBW/m²/4 kHz not to be exceeded for more than 20% of time 3 m above ground at the border to protect the neighbouring countries, are one part of the technical conditions in response to WRC‐23 Agenda item 1.3, recognising that sharing studies are required in ITU‐R to ensure that the full objective of Resolution **246 (WRC‐19)** is met.

CEPT is of the view that consideration of an IMT identification in this band is not in the scope of Resolution **246 (WRC‐19)**.

**7.1.5 RCC - Document 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)

In favour of the protection of FSS (s-E), FS and other services operating in the frequency band 3 600-3 800 MHz and in adjacent frequency bands, without imposing undue restrictions on these services and their future development.

Taking into account the existing results of the ITU-R studies -Reports ITU-R S.2368, ITU-R M.2109 and ITU-R М.2111, as well as the results of studies during the current ITU-R study cycle.

For the primary LMS allocation in Region 1 in the band 3600-3800 MHz provision of 9.21 RR should apply with coordination trigger minus154,5 dB(W/m2 4 kHz) for 20% of time at the border. With respect to specific FSS ES provisions 9.17 and 9.18 of RR should apply.

NOC for status of MMS and AMS allocations in Region 1 in the frequency band 3600-3800 MHz.

Method C1/C2 from the draft CPM Report

**7.2 International Organisations**

**7.2.1 WMO - Document APG23-5/**[**INF-01**](https://www.apt.int/sites/default/files/2023/01/APG23-5-INF-01_WMO_Position_on_WRC-23_Agenda.docx)

Since an IMT identification in the 3 600-3 800 MHz could lead to a shift of current FSS usage in the band above 3 800 MHz, WMO is concerned regarding the possible impact on future usage of the existing FSS (space to Earth) allocation in the frequency band 3.8-4.2 GHz used for the distribution of meteorological data in the framework of the GEONETCast network.

**7.2.2 ICAO**

ICAO has not submitted information document to APG23-4, but states in former APG23-3/[INF-15](https://www.apt.int/sites/default/files/2021/10/APG23-3-INF-15_ICAO-Position_for_ITU_WRC-23.docx) document:

To oppose any changes to existing regulatory provisions of the ITU Radio Regulations for the frequency bands 3 600-3 800 MHz that adversely affect the aeronautical use of systems operating in the FSS in Region 1.

**7.2.3 IARU – Document APG232-5/**[**INF-21**](https://www.apt.int/sites/default/files/2023/02/APG23-5-INF-21_IARU_Views_on_WRC-23_Agenda_Items_1.2_1.12_1.14_1.18_and_9.1Topics_a_and_b.docx)

No position has been stated by IARU under WRC-23 agenda item 1.3 in APG23-5.

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