Date: 2 November 2016

**Subject: Outcomes of the Working Group Spectrum Aspects of the APT Wireless Group (AWG) from the 20th Meeting of AWG, 6 – 9 September 2016, Bangkok, Thailand**

Dear Sir/Madam,

As you would recall, the APT Wireless Group (AWG) completed its latest meeting (AWG-20) in Bangkok, Thailand, on 9 September, 2016.

As part of its activities, the meeting considered the work that had been undertaken since its previous meeting and, in particular, the tasks attributed to the three Sub-Working Groups of the AWG’s Working Group Spectrum Aspects (WG-SPEC).

The purpose of this communication is to bring these matters to your attention and, in particular, to seek responses from your administration on a number of items for consideration at the forthcoming 21st AWG meeting, which is currently planned to be held in the March/April 2017 timeframe. Matters relating to each of the groups are dealt with in turn, as indicated below.

You will find attached the report from the Working Group Spectrum Aspects, arising from this latest AWG meeting (document AWG20/OUT-20 – embedded in the Annex). This WG-SPEC report covers, in addition to the items detailed below, items for which the work was completed during the AWG-20 meeting.

***Sub-WG – Spectrum Arrangement and Harmonization***

The six ongoing work issues in the group are mentioned below. These concern consideration of frequency arrangements as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| Frequency range | Expected date for completion of work | Related texts AWG-20/ | Associated texts & Remarks |
| Arrangements for PPDR in frequency ranges included in Resolution 646(Rev. WRC-15) | AWG-21 | TMP-25R1,  TMP-49 | Revision to Report APT/AWG/REP-08 |
| 3300 to 3400 MHz | AWG-22 | TMP-53, TMP-56 |  |
| 4800 to 4990 MHz | AWG-22 | TMP-54, TMP-57 |  |
| 470 to 698 MHz | AWG-22 | TMP-51 |  |
| 1 427 to 1 518 MHz | AWG-22 | TMP-52, TMP-55 | Consideration on whether to develop an APT/AWG Recommendation is for a future meeting |
| Frequency Ranges for Non-Beam WPT for Mobile Devices | AWG-22 | TMP-50 |  |

Contributions from AWG members on these studies are encouraged.

***Sub-WG – Spectrum Monitoring***

As can be seen from the meeting report, the Sub-WG is continuing to develop texts on:

* Working Document toward a Preliminary Draft New APT Report on Spectrum Monitoring Methodology at the Border Areas – document AWG-18/TMP-11 refers
* Working Document toward a Preliminary Draft New APT Report on Grid Monitoring Network using TDOA Technology – document AWG-17/TMP-38 refers

It was decided to finalize the two reports in the next AWG meeting. Contributions from AWG members on these studies are encouraged.

***Sub-WG Sharing Studies***

This Sub-Working Group has three main study items which are:

* Sharing studies in bands above 24 GHz;
* Sharing studies in bands below 6 GHz;
* Authorized/Licensed Shared Access.

Rather that attempting to summarise these study items here, it is thought more appropriate to review the detailed text on these issues in the WG-SPEC meeting report embedded below.

Contributions from AWG members on these studies are encouraged.

***Conclusion***

In conclusion, I would like to recommend your detailed consideration of the matters raised above. They are all different aspects of a movement towards more harmonised use of the radio frequency spectrum in the region, this being one of the major objectives of the APT Wireless Group.

I thank you in advance for your cooperation.

Yours faithfully,

**JOHN LEWIS**

Chairman, Working Group Spectrum Aspects

APT Wireless Group

**Annex**

  
AWG-20 WG-SPEC Meeting Report