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Overlapping Frequency Bands

Dr. Kyu Jin Wee, Chairman, APT Conference Preparatory Group for WRC-19





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Case of 1.6, 1.13, 1.14 & 9.1/9.1.9

- APG has not discussed fully yet on the overlapping frequency bands among WRC-19 Agenda Items.
- During the APG19-2, there was a very brief discussion.
- What approach would be the best for APG to resolve the overlapping frequency during WRC-19?
 - Consistency vis-à-vis Inconsistency within APG
 - There was a view on consistency
 - APG 19-3 will discuss further



Further Discussion Points

- Discussion points could be;
 - Why did WRC-15 decide such overlapping frequency bands among the Agenda Items?
 Was it an inevitable? Couldn't there be an alternative way to avoid such decision?
 - How could WRC-19 decide effectively?
 - In relation with the first question, should overlapping frequency bands among the Agenda Items continue in future? Should it be an inevitable in future? Or Should it be a nice approach to develop the Agenda Items?



Case of 1.11, 1.12, 1.16

- It is not understood why 1.11 is an Agenda of part of this discussion
- There was no view on 5GHz bands for RSTT within APG
- Very few countries are listed in the current working document of WP5A to use 5GHz for RSTT.



1.12 & 1.16

- APT Preliminary View on 1.12
 - support studies under Resolution 237 (WRC-15) toward possible harmonization of frequency bands in existing mobile-service allocations for the implementation of evolving Intelligent Transport Systems (ITS).
- Key Points of 1.12 during APG19-2
 - the frequency bands 5 770-5 850 MHz and 5 855-5 925 MHz(or portion of the band)are being used in some APT member countries.
- APT Preliminary View on 1.16
 - the protection of incumbent services including their current and planned use in the frequency bands 5 150-5 350 MHz, 5 350-5 470 MHz, 5 725-5 850 MHz and 5 850-5 925 MHz should be ensured, without any unacceptable constraints on these services.
- Expecting
 - 5 855-5 925 MHz(or portion of the band) will be discussed further under 1.12