

Working Party 6

PRELIMINARY VIEW ON WRC-19 AGENDA ITEMS 9.1.6 and 9.1.7

Agenda Item 9.1.6: Wireless power transmission

“Studies concerning Wireless Power Transmission (WPT) for electric vehicles:

- a) to assess the impact of WPT for electric vehicles on radiocommunication services;
- b) to study suitable harmonized frequency ranges which would minimize the impact on radiocommunication services from WPT for electrical vehicles.”

Preliminary View

Thailand agrees with the conclusion of ITU-R studies stated in the draft CPM ~~Text report~~ and is of the view that no change to the RR is required. Nevertheless, Thailand supports further ITU-R studies related to Wireless Power Transmission (WPT) [to develop methodology and guidance to administrations in the following aspects:](#)

- [appropriate bands are specified in preliminary draft revision of Recommendation ITU R SM.2110-0;](#)
- [limits on unwanted emissions, including harmonics, are expected to be specified in a new ITU-R Recommendation; and](#)
- [results of related studies and examples of existing national implementations throughout the Regions are provided in Report ITU-R SM.2303-2 and WDPDN Report ITU-R SM.IWPT-SPEC-MNGM\].](#)

Agenda Item 9.1.7: Unauthorized operation of earth stations

“Resolution 157 (WRC-15) - Urgent studies required in preparation for the 2019 World Radiocommunication Conference

- 2) Studies to examine:
 - a) whether there is a need for possible additional measures in order to limit uplink transmissions of terminals to those authorized terminals in accordance with No. 18.1;
 - b) the possible methods that will assist administrations in managing the unauthorized operation of earth station terminals deployed within its territory, as a tool to guide their national spectrum management programme, in accordance with Resolution ITU-R 64 (RA-15).”

Preliminary View

Thailand is of the view that earth station licensing and related issues including unauthorized transmissions are national matters and no changes to the Radio Regulations are necessary as Article 18 sufficiently addresses the required international regulatory measures.

Thailand supports the development of necessary guidelines on satellite monitoring capabilities, along with possible revision and/or further development of ITU-R Reports or Handbooks to assist administrations with managing unauthorized operation of earth station terminals deployed within their territory, as a tool to guide their national spectrum management.
