



Thailand

PRELIMINARY VIEW ON WRC-19 AGENDA ITEM 9.1, ISSUE 9.1.8

Agenda Item 9.1, issue 9.1.8: “Urgent Studies required in preparation for WRC-19 on the technical and operational aspects of radio networks and system, as well as spectrum needed, including possible harmonized use of spectrum to support the implementation of Narrowband and Broadband Machine-type communication infrastructures” in accordance with Resolution 958 (WRC-15)”;

Background

Currently, Working Party 5D is undertaking studies in response to Resolution 958 (WRC-15), to considering the use of the terrestrial component of International Mobile Telecommunication (IMT) for Narrowband and Broadband Machine-Type Communication/ Internet of Things (IoT).

Preliminary View

Thailand supports studies currently undertaken by ITU-R Working Party 5D on Technical, Operational, and Spectrum Aspects of the Terrestrial Component of International Mobile Telecommunication (IMT) for Narrowband and Broadband Machine-Type Communication.

Thailand notes that Machine Type Communication/Internet of Things (IoT) applications can be used both in licensed and unlicensed bands. For licensed band, Thailand is of the view that technical and operational aspects of radio networks and systems require further study, particularly with regard to common and appropriate air interface of such system. For unlicensed band, Thailand is of the view that harmonized use of spectrum on regional level would benefit IoT growth. Thailand is planning to introduce the 920-925 MHz band for IoT applications. Thailand encourages APT members to find appropriate band for regional harmonization.
