



Thailand

## PRELIMINARY VIEW ON WRC-23 AGENDA ITEM 9.1 TOPIC C

### Agenda Item 9.1 Topic C:

*Study the use of International Mobile Telecommunication system for fixed wireless broadband in the frequency bands allocated to the fixed services on primary basis, in accordance with Resolution 175 (WRC-19).*

### 1. Background

ITU-R Radio Regulations **Article 1.20** defines “fixed service” as “A radiocommunication service between specified fixed points”.

ITU-R Recommendation ITU-R F.592 defines “Fixed wireless system (FWS)” as “Telecommunication systems operating in the fixed service including, for example, radio-relay systems, HF systems, and systems using high altitude platform stations (HAPS), and which support a range of applications such as access and core transport” and defines “Fixed wireless access (FWA)” as “Fixed wireless system application in which the location of the end-user termination and the network access point to be connected to the end-user are fixed”. (See also ITU-R F.1399)

WRC-19 invited ITU-R to study on the use of IMT systems for fixed wireless broadband in the frequency bands allocated to the fixed service on primary basis, taking into account the relevant ITU-R studies, Handbooks, Recommendations and Reports.

According to the Administrative Circular [CA/251](#), Working Party (WP) 5A and WP 5C have been assigned as joint responsible groups for WRC-23 agenda item 9.1, topic c), in CPM23-1. The current studies include discussing on working scope and timeline as well as identifying the relevant ITU-R studies, Handbooks, Recommendations and Reports on fixed wireless broadband to be reviewed and/or updated.

### 2. Preliminary View

Thailand supports studies currently carried by ITU-R on a guidance towards the implementation of technical and operational measures for using IMT systems for fixed wireless broadband in the frequency bands allocated to the fixed service on primary basis. The studies shall take into account the coexistence between the IMT and existing systems in the bands currently allocated for fixed service.