3GPP TSG RAN WG4 Meeting #97-e R4-2016876

**Electronic Meeting, 2-13 Nov., 2020**

**Title:** LS for FR2 FWA power class

**Response to:**

**Release:** Rel-17

**Work Item:** NR\_FR2\_FWA\_Bn257\_Bn258

**Source:** RAN4

**To:** RAN2

**Contact person:** Masashi Fushiki (Email: masashi.fushiki\_atmark\_g.softbank.co.jp)

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

# 1 Overall description

In RAN#87-e meeting, the work item for introducing the requirements on FWA UE, which maintains the max EIRP of 43dBm and max TRP of 23dBm upper power limitation, and to study and specify corresponding RF requirements for such kind of UE type, was approved. In this work item, it is also considered whether introducing a new UE capability for an existing power class or a new power class definition is more suitable.

* + - Option 1. Existing power class with any modifications/additions (e.g. new UE capability) is reused.
		- Option 2. A new power class is defined.

In RAN4#97-e meeting, RAN4 agreed to choose Option2, a new power class (power class 5 ) is defined with release independent from release 15.

# 2 Actions

**To RAN2**

**ACTION:** RAN4 respectfully asks RAN2 to introduce the capability signalling for power class 5 for FR2 FWA as described above.

# 3 Dates of next TSG RAN WG4 meetings

TSG RAN WG4 Meeting #98-e 25 Jan – 05 Feb 2021 E-meeting

TSG RAN WG4 Meeting #98-bis-e 12 – 20 Apr 2021 E-meeting