**3GPP TSG RAN WG5 Meeting#90-eR5-211314r1
Electronic Meeting
22 Feb – 5 Mar 2021**

Title: **Draft RAN5 Terms of Reference**

Source: **TSG RAN WG5 (RAN5) Chair**

To: **RAN5**

**Document for: Endorsement**

**Introduction**

3GPP TSG Leadership have initiated review of the Terms of Reference of Working Groups. RAN WG Chairs are expected to submit an updated ToR based on a new template (see below) provided to RP#91-e for approval. The first part of the ToR (name, acronym, label, overview) will be used on 3GPP website on WG homepage and when describing the 3GPP structure. The rest of the document (Scope of Responsibilities/Annex) will remain in the ToR file, which will be made accessible using an hyperlink on the WG homepage.

**Proposal**

The below proposal is submitted for RAN5 consideration and endorsement.

**3GPP TSG RAN Meeting #91e RP-21xxxx**

**Electronic Meeting, March 16 - 26, 2020**

**Source: TSG RAN WG5 Chairperson**

**Title: Terms of Reference (ToR) for 3GPP TSG RAN WG5 (RAN5)**

**Agenda item: 5.5**

**Document for: APPROVAL**

# Name

Name: 3GPP TSG RAN WG5

Acronym: RAN5

Label: Mobile terminal conformance testing

# Overview

Within the 3GPP Technical Specification Group Radio Access Network (TSG RAN), the 3GPP TSG RAN WG5 is the Conformance Testing Group for User Equipment (UE). The main objective of RAN5 is the development of UE conformance test specifications at the Radio Interface dealing with GERAN, UTRA, Evolved UTRA(E-UTRA), 5G NR and beyond based on 3GPP core specifications. The test specifications are mainly based on the requirements defined by other groups such as RAN WG4 for the radio test cases and RAN WG2 and CT WG1 for the protocols test cases. RAN WG5 is organised in two subgroups, RF subgroup and Signalling (SIG) subgroup.

RAN WG5 is currently responsible for:

* RF conformance tests in coordination with the other relevant RAN working groups.
* RRM conformance tests in coordination with the other relevant RAN working groups.
* Positioning conformance tests in coordination with the other relevant RAN working groups.
* GERAN, UTRA, E-UTRA, 5G NR and beyond; IMS, NAS, EPC,5GC, Positioning and Mission Critical Services protocol tests in coordination with the other relevant RAN, CT and SA working groups.
* Tests to cover Inter RAT procedures (GERAN, UTRA, E-UTRA and 5G NR).
* The formal description (prose) of protocol test cases for UTRA, E-UTRA, 5G NR and beyond; Inter RAT, IMS, NAS, EPC,5GC, Positioning and Mission Critical Services using TTCN in coordination with MCC TF160.

# Scope of Responsibilities

The 3GPP TSG RAN WG5 is responsible for:

* Providing guidance to MCC TF160 on its work priorities based on the anticipated needs of the wider test industry.
* For the delivery of UE conformance test specifications to meet the needs of the GERAN, UTRA, E-UTRA, 5G NR and beyond related test industry in so far as resources allow. Therefore, RAN5 will need to liaise directly with the relevant industry fora in order to determine its priorities and overall work plan.

In addition, RAN5 may be requested to prepare a set of test procedures for which there may not be associated defined requirements in the 3GPP core specifications. Any such proposal would need to be approved at the RAN Plenary.

# Annex (informative):

None