**3GPP TSG-RAN5 Meeting #95-e R5-223331**

**Electronic Meeting, 9 – 20 May, 2022**

**Title: [DRAFT]** Reply LS on NGMN Testing Framework for 5G Device Network Slicing Pre-Commercial Trials

**Response to:** NGMN Liaison Statement on Definition of the Testing Framework for 5G Device Network Slicing Pre-Commercial Trials

**Source:** TSG RAN WG5

**To:** NGMN Alliance Project Network Slicing for Operating Systems of 5G Smart Phones

**CC:** GTI

**Contact Person:**

#### Name: Luting Kong

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

**Attachments:** None

**1. Overall Description:**

RAN5 thanks NGMN for the LS on “Definition of the Testing Framework for 5G Device Network Slicing Pre-Commercial Trials”. RAN5 acknowledges the publication of “NGMN-GTI Definition of the Testing Framework for 5G Device Network Slicing Pre-Commercial Trials”. RAN5 also appreciate NGMN for informing the progress of Network Slicing for Operating Systems of 5G Smart Phones Project.

RAN5 started a series of work /study items on network slicing testing since RAN5 received the NGMN LS asking RAN5 to consider developing a conformance testing plan in Feb. 2021. RAN5 would like to share the latest progress as follows.

* Release16 work item on UE Conformance - Enhancement of Network Slicing was 100% completed in Dec.2021. This work item defined protocol conformance test cases for “Network Slicing based authentication and authorization”
* Release17 work item on UE conformance - Enhancement of Network Slicing Phase 2 is ongoing in RAN5. The objective of this work item is to define UE conformance requirements on Network Slice Access Control. The completion level has reached 10% and it is targeted to be completed by TSG RAN#98 (Dec-22).
* New Release17 work item on UE conformance - Enhancement of RAN Slicing for NR was endorsed by RAN5 and will be submitted to TSG RAN Plenary#96 meeting scheduled on 6-9 June for approval. The objective of this work item is to define UE conformance requirements on slice based cell reselection and slice based RACH configuration.
* Technical Report 38.918 v1.0.0, capturing the output of study item on 5G NR UE supporting Network Slicing Testing, will be submitted to TSG RAN Plenary#96 meeting for approval. This TR covers the test procedures for full protocol stack testing of the network slicing functionality and performance testing of the network slicing service.

RAN5 will keep NGMN and GTI updated on the progress of 5G networking slicing testing and is looking forward to further fruitful cooperation.RAN5 would like to be kept informed of any further progress of network slicing activities in NGMN

**2. Actions:**

**To: NGMN**

RAN5 respectfully ask NGMN to take the above information into consideration.

**3. Date of Next TSG-RAN WG5 Meetings:**

TSG-RAN5 Meeting#96 15th – 26th Aug 2022 Electronic Meeting

TSG-RAN5 Meeting#97 14th – 18th Nov 2022 North America