TSG RAN Meeting #89-e RP-20xxxx

September 14th – 18th, 2020

Electronic Meeting

**Source: Qualcomm Incorporated**

**Title: Rel-16 Work Item Exception for NR-based access to unlicensed spectrum**

**Document for: Approval**

**Agenda Item: 9.2.2**

3GPP™ Work Item Exception

# Title : NR-based Access to Unlicensed Spectrum

## Acronym : NR\_unlic

## Unique Identifier : 820067

**Release 16 Submission form**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Feature / Item:** |  | | | | |
| **Affects:** | **UICC apps:** | **ME:**  **X** | **AN:**  **X** | **CN:** | **Others (specify):** |
| **Expected Completion Date:** | December 2020 (core); March 2021 (performance) | | | | |
| **Service(s) impacted:** |  | | | | |
| **Specification(s) affected:** | 38.101-1, 38.101-3, 38.101-4, 38.104, 38.133, 36.133, 37.106, 37.107 | | | | |
| **Task(s) within work which are not complete:** | RAN4 core requirements | | | | |
| **Consequences if not included in Release 16:** | NR cannot operate in unlicensed spectrum. | | | | |

**Abstract of document:**

Itemized list of remaining aspects for completion of Rel-16 NR-U WI according to the RAN #89-e email discussion and way forward in RP-202041.

**Contentious Issues:**

* Resolve all parameters in square brackets and TBDs, including UE REFSENS
* CR for 38.101-3
* Medium range base station requirements
* As second priority if time permits, 60kHz SCS, with separate discussions between (1) a single carrier 20 MHz SU with 60 kHz SCS and (2) wideband operation