TSG RAN Meeting #102 RP-23abcd

11 - 15 December. 2023, Edinburgh, Scotland

**Source: AT&T**

**Title: Rel-18 Work Item Exception for High Power UE (Power Class 2) for LTE FDD Band 14**

**Document for: Approval**

**Agenda Item: 10.3.4**

3GPP™ Work Item Exception

# Title : High Power UE (Power Class 2) for LTE FDD Band 14

## Acronym : HPUE\_LTE\_FDD\_B14

## Unique Identifier : 1010054

**Release 18 Submission form**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Feature / Item:** |  | | | | |
| **Affects:** | **UICC apps:**  **no** | **ME:**  **yes** | **AN:**  **no** | **CN:**  **no** | **Others (specify):**  **no** |
| **Expected Completion Date:** | 3GPP RAN#103 (March 2024) | | | | |
| **Service(s) impacted:** | None | | | | |
| **Specification(s) affected:** | 36.101, 36.307 | | | | |
| **Task(s) within work which are not complete:** | Core Part:  1) Specify the band specific RF requirements for power class 2 LTE Band 14 including:  a) UE maximum output power tolerance  b) A-MPR requirements if needed  c) PC2 sensitivity degradation requirements by leveraging RSD agreements for NR Band n14 at RAN4#109 in R4-2321715.  2) Finalize TR 36.770.  Performance Part:  1) Finalize TS 36.307 CR based on endorsed Draft CR in R4-2319031. | | | | |
| **Consequences if not included in Release 18:** | LTE Band 14 PC2 support would not be specified in Release 18. Product development for LTE Band 14 PC2 would be jeopardized since the LTE specification would be delayed when compared to the NR Band n14 PC2 specification. | | | | |

**Abstract of document:**

This WI exception requests to extend the completion date of HPUE\_LTE\_FDD\_B14 WI to March 2024.

**Contentious Issues:**

None.