**3GPP TSG-RAN4 Meeting #112 *Draft R4-2413430***

**Maastricht, Netherlands, Aug 19 - 23, 2024**

**Agenda item:** 4.1

**Source:** Moderator (Keysight Technologies)

**Title:** Topic summary for [112][330] OTA\_Maintenance

**Document for:** Information

# Introduction

*Briefly introduce background, the scope of this email discussion (e.g. list of treated agenda items) and provide some guidelines for email discussion if necessary.*

The scope of this topic summary is OTA maintenance:

* **Topic Areas: Up to Rel-17 OTA and TRP/TRS maintenance & Rel-18 OTA maintenance**
  + OTA and TRP/TRS test aspects (Agenda Item 4.7)

# Topic #1: OTA and TRP/TRS test aspects (4.7)

*Main technical topic overview. The structure can be done based on sub-agenda basis.*

## Companies’ contributions summary

**Submitted CRs**

|  |  |  |  |
| --- | --- | --- | --- |
| **T-doc number** | **Company** | **Cat / Rel.** | **Title / Summary of change /** Moderator Remark |
| [**R4-2411245**](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_112/Docs/R4-2411245.zip) | Keysight Technologies UK Ltd, MVG, Rohde & Schwarz, ETS-Lindgren | F / 17 | **Title:** Clarification of voltage environmental requirement  **Summary of change:**  The voltage environmental requirement is properly clarified to be performed at normal condition and not at extreme conditions. |
| R4-2411246 | Keysight Technologies UK Ltd, MVG, Rohde & Schwarz, ETS-Lindgren | A / 18 | **Title:** Clarification of voltage environmental requirement  **Summary of change:** N/A  Moderator: Cat-A CR (pending agreement of Cat-F CR) |
| [**R4-2411247**](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_112/Docs/R4-2411247.zip) | Keysight Technologies UK Ltd, MVG, Rohde & Schwarz, ETS-Lindgren | F / 14 | **Title:** Clarification of voltage environmental requirement  **Summary of change:**  The voltage environmental requirement is properly clarified to be performed at normal condition and not at extreme conditions. |
| R4-2411248 | Keysight Technologies UK Ltd, MVG, Rohde & Schwarz, ETS-Lindgren | A / 15 | **Title:** Clarification of voltage environmental requirement  **Summary of change:** N/A  Moderator: Cat-A CR (pending agreement of Cat-F CR) |
| R4-2411249 | Keysight Technologies UK Ltd, MVG, Rohde & Schwarz, ETS-Lindgren | A / 16 | **Title:** Clarification of voltage environmental requirement  **Summary of change:** N/A  Moderator: Cat-A CR (pending agreement of Cat-F CR) |
| R4-2411250 | Keysight Technologies UK Ltd, MVG, Rohde & Schwarz, ETS-Lindgren | A / 17 | **Title:** Clarification of voltage environmental requirement  **Summary of change:** N/A  Moderator: Cat-A CR (pending agreement of Cat-F CR) |
| R4-2411251 | Keysight Technologies UK Ltd, MVG, Rohde & Schwarz, ETS-Lindgren | A / 18 | **Title:** Clarification of voltage environmental requirement  **Summary of change:** N/A  Moderator: Cat-A CR (pending agreement of Cat-F CR) |
| **R4-2412054** | vivo, ROHDE & SCHWARZ | F / 17 | **Title:** CR to Rel-17 TS 38.161 on preliminary MU alignment  **Summary of change:**  Updating the MU assessment table.  Moderator: Alignment with Rel-18 |

Moderator’s Note: Comments and NWM flags to be based on the revision posted in the drafts folder (if applicable).

**Submitted Discussion Paper**

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Title / Summary /** Moderator Remark |
| [**R4-2411308**](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_112/Docs/R4-2411308.zip) | GIST, RRA, CSU | **Title:** UE RF Testing Procedure under NFTF Measurement Setup  **Summary:**  The following key aspects were presented: • Procedure for peak EIRP measurement • Procedure for TRP measurement • Total number of positioner movements for measurement  Moderator: Contribution for discussion, i.e., no proposals in contribution. Proposed to be noted after brief presentation. |

## Open issues summary

*Before Meeting, moderators shall summarize list of open issues, candidate options and possible WF (if applicable) based on companies’ contributions.*

N/A

# TDoc and CR suggested status

Based on recommendation from Session Chair

* Similar to the procedure followed in other BDaT maintenance topics, the moderator will provide a table to the session chair listing all documents and their suggested status
* This table should have 3 columns
  + First column is the TDoc number
  + Second column is the suggested status
  + Third column is for comments (optional)
* This list will be imported directly into chair’s spreadsheet

**Moderator’s note:**  
This list will be created after the NWM flagging process. All non-flagged CRs will be recommended as “agreed”. All discussion TDocs will be proposed as “noted”.

|  |  |  |
| --- | --- | --- |
| **OTA and TRP/TRS test aspects (4.7)** | | |
| **TDoc Number** | **Status** | **Comments (optional)** |
|  |  |  |