**3GPP TSG-RAN WG4 Meeting # 109 R4-23xxxxx R4-23xxxxx**

**Chicago, US, November 13 – 17, 2023**

**Agenda item:** 8.13.9

**Source:** Moderator (CMCC)

**Title:** Topic summary for [109][132] NR\_ATG\_UERF\_part1

**Document for:** Information

# Introduction

*RAN#96 meeting approved RP-221369 Revised WID on Air-to-ground network for NR in Rel-18.*

*This thread focuses on adjacent channel co-existence evaluation for Rel-18 ATG and corresponds to agenda 8.13, 8.13.1 and 8.13.2.*

# Topic #1: Simulation assumption

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| **[R4-2318921](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_109/Docs/R4-2318921.zip)** | CMCC | TP for TR 38.876 to add non-synchronized calibration part for ATG TR |
| R4-2319706 | CMCC | Draft TR 38.876 ATG, for post-email approval |
| **[R4-2319726](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_109/Docs/R4-2319726.zip)** | Ericsson | TP to TR 38.876 Updated non-synchronized scenarios network layout model |
| **[R4-2319727](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_109/Docs/R4-2319727.zip)** | Ericsson | TP to TR 38.876 Addition of co-existence simulation results for ATG non-synchronized scenarios |
| **[R4-2319728](https://www.3gpp.org/ftp/TSG_RAN/WG4_Radio/TSGR4_109/Docs/R4-2319728.zip)** | Ericsson | Final simulation results for ATG non-synchronized scenarios |

## Open issues summary

### Sub-topic 1-1 Discussion of TPs

**Issue 1-1: endorse TP R4-2318921 or not?**

This TP add the non-synchronized calibration results as collected from RAN4 #108bis meeting and update previous synchronized calibration results format.

* Proposals
  + Option 1: yes.
  + Option 2: no
* Recommended WF
  + Option 1

**Issue 1-2: endorse TP R4-2319726 or not?**

This TP add Non-synchronized scenarios network layout as approved in RAN4 #108bis meeting agreements.

* Proposals
  + Option 1: yes.
  + Option 2: no
* Recommended WF
  + Option 1

**Issue 1-3: endorse TP R4-2319727 or not?**

This TP add the non-synchronized simulation results in tabular format in clause 6.4.2 and the summary in 6.5.2. Updated simulation results from Ericsson are also captured into this TP. Besides, one excel file is also linked in annex C for co-existence simulation data

* Proposals
  + Option 1: further check whether we still need the annex C since there is no much data in the excel file.
  + Option 2: no
* Recommended WF
  + TBD