**3GPP TSG-RAN4 Meeting #112  *R4-2412813***

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

**Agenda item:** 7.8

**Source:** Moderator (China Telecom)

**Title:** Topic summary for [112][111] HPUE\_Basket\_CADC\_SUL

**Document for:** Information

# Introduction

*List of candidate target of discussions for this topic.*

* *General aspects of WI work procedure on band combination request and handling of draftCRs &TPs*
* *TPs and draft CRs.*

# Topic #1: HPUE\_FR1\_TDD\_NR\_CADC\_SUL\_R18

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

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Proposals / Observations** | **Company** |
| R4-2411107 | TR skeleton for TR38.794 on High power UE (power class 1.5 or 2) for NR Intra-band Carrier Aggregation (CA) with high power on FDD or TDD band | CATT |
| R4-2411282 | TR skeleton for TR38.750 | China Unicom |
| R4-2411287 | TR 38.750 v0.1.0 HPUE\_NR\_CADC\_SUL\_R19-FDD | China Unicom |
| R4-2411320 | TP for HPUE CA\_n1-n18-n41 with 2UL for TR 38.746 | Samsung, KDDI Corporation, Murata |
| R4-2411321 | TP for HPUE CA\_n3-n18-n41 with 2UL for TR 38.746 | Samsung, KDDI Corporation, Qualcomm |
| R4-2411322 | TP for HPUE CA\_n18-n28-n41 with 2UL for TR 38.746 | Samsung, KDDI Corporation, Murata |
| R4-2412266 | Revised WID for HPUE\_NR\_CADC\_SUL\_R19 | China Telecom |
| R4-2412268 | draft TR skeleton for HPUE\_NR\_CADC\_SUL\_R19 | China Telecom |
| R4-2412269 | Draft CR for 38.101-1 to add PC support for CA\_n28A-n41A-n77A with 2UL | China Telecom |
| R4-2412270 | Work procedure discussion for HPUE\_NR\_CADC\_SUL\_R19 | China Telecom |
| R4-2412271 | Draft CR for 38.101-1 to update note for NR CA configuration with 2 SUL cells | China Telecom |
| R4-2412355 | TR38.792 skeleton for PC1.5 with high power on both FDD and TDD bands | OPPO |
| R4-2412365 | TP for TR 38.792, 3Tx inter-band CA\_n1-n78 | Ericsson, BT plc |
| R4-2412366 | TP for TR 38.792, 3Tx inter-band CA\_n3-n78 | Ericsson, BT plc |
| R4-2412367 | TP for TR 38.792, 3Tx inter-band CA\_n7-n78 | Ericsson, BT plc |
| R4-2412368 | TP for TR 38.792, 3Tx inter-band CA\_n28-n78 | Ericsson, BT plc |
| R4-2412373 | draft CR 38.101-1 for adding n78 PC2 UL to 2 and 3 bands NR CA combinations | Ericsson, Telstra |
| R4-2412841 | Draft CR 38.101-1 Rel-19 for adding some power class 2 NR CA band combinations | KDDI Corporation |
| R4-2412843 | DraftBig CR to 38.101-1 new combinations for HPUE\_NR\_CADC\_SUL\_R19 | China Telecom Corporation Ltd. |
| R4-2412844 | TP for HPUE CA\_n1-n18-n77 with 2UL for TR 38.746 | KDDI, Samsung, LGE |
| R4-2413298 | Draft CR for 38.101-1: T-Mobile HPUE CA combinations Intra | T-Mobile USA |
| R4-2413299 | Draft CR for 38.101-1: T-Mobile HPUE CA combinations TDD | T-Mobile USA |
| R4-2413300 | Draft CR for 38.101-1: T-Mobile HPUE CA combinations FDD | T-Mobile USA |
| R4-2413301 | Draft CR for 38.101-1: T-Mobile HPUE CA combinations 3Tx | T-Mobile USA |
| R4-2413302 | TP for TR 38.750 DL CA\_n66A-n71A-n77A with PC2 UL CA\_n66A-n71A | T-Mobile USA |
| R4-2413303 | TP for TR 38.750 DL CA\_n77A-n85A with PC2 UL n85 | T-Mobile USA |
| R4-2413304 | TP for TR 38.750 DL CA\_n66A-n71A with PC2 UL CA\_n66A-n71A | T-Mobile USA |

## Open issues summary

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

### Sub-topic 1: PC2 and PC1.5 indications in BC configuration tables

*Open issues and candidate options before meeting:*

**Issue 1-1: General aspects of WI work procedure on band combination request and handling of draftCRs &TPs(R4-2412270, China Telecom)**

***Proposal 1*:** Only one spreadsheet maintained with one sheet for objective 1, 2 and 3, and another sheet for objective 4(3Tx) (R4-2412270):

***Proposal 2:*** DraftCRs can be merged, but TPs need to be handled separately based on the TRs to which it belongs.

### Sub-topic 2: TPs and Darft CRs

**Issue 2-1: TPs and Draft CRs.**

* Proposal:
* Recommended WF: go through CRs one by one