3GPP TSG-RAN WG4 Meeting # 109 R4-2318117

Chicago, US, November 13 – 17, 2023

**Agenda item:** 7.2

**Source:** Moderator (China Telecom)

**Title:** Topic summary for [109][111] HPUE\_Basket\_inter-CA\_SUL

**Document for:** Information

# Introduction

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

* *Revised WID: new combos added.*
* *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** |
| R4-2318258 | Draft CR for TS38.101-1 HP-NRCA for FR1 | SoftBank Corp. |
| R4-2318266 | TP for TR38.899 PC2 NRCA for FR1 2DL 1or2UL and PC1.5 NRCA for FR1 2DL and 1UL | SoftBank Corp., LG Electronics |
| R4-2318802 | DraftCR to 38.101-1 for Rel-18 NR HPUE Inter-band CA | Verizon, Ericsson, Samsung, Nokia |
| R4-2318933 | Draft CR for TS 38.101-1 to update NR CA HPUE requirement | CMCC |
| R4-2319289 | Draft CR for 38.101-1 to introduce HPUE NR CA configuration CA\_n78C\_n80A-n84A and CA\_n78C\_n81A-n84A. | China Telecom |
| R4-2319769 | TP for TR 38.899 to include HPUE CA\_n71-n78 | Samsung, TELUS, Bell Mobility |
| R4-2319771 | TP for HPUE CA\_n1-n3-n77 with 2UL for TR 38.899 | Samsung, KDDI, Qualcomm |
| R4-2319772 | TP for HPUE CA\_n1-n28-n41 with 2UL for TR 38.899 | Samsung, KDDI, LGE |
| R4-2320313 | TP for 38.899 adding PC2 non-contiguous UL to CA\_n5-n78 | Ericsson, Bell Mobility |
| R4-2320315 | draft CR 38.101-1 correcting NR CA HPUE typos | Ericsson |
| R4-2320444 | CR for 38.101-1: HPUE Band Combination Corrections | T-Mobile USA |
| R4-2320636 |  [HPUE\_FR1\_TDD\_NR\_CADC\_SUL\_R18] Draft CR for TS 38,101-1: Addition of inter-band PC2 CA Combinations | KDDI Corporation |
| R4-2320657 | [HPUE\_FR1\_TDD\_NR\_CADC\_SUL\_R18] TP for adding UL CA\_n77(2A) to CA\_n3A-n28A-n77(2A) for PC2 HPUE in TR 38.899 | KDDI Corporation |
| R4-2320658 | [HPUE\_FR1\_TDD\_NR\_CADC\_SUL\_R18] TP for adding CA\_n77(2A) to CA\_n3A-n41A-n77(2A) for PC2 HPUE in TR 38.899 | KDDI Corporation |
| R4-2320663 | [HPUE\_FR1\_TDD\_NR\_CADC\_SUL\_R18] TP for PC2 HPUE CA\_n18-n41 with 2UL in TR 38.899 | KDDI Corporation |
| R4-2320665 |  [HPUE\_FR1\_TDD\_NR\_CADC\_SUL\_R18] TP for PC2 HPUE CA\_n18-n77 with 2UL in TR 38.899 | KDDI Corporation |
| R4-2320678 |  [HPUE\_FR1\_TDD\_NR\_CADC\_SUL\_R18] TP for HPUE CA\_n3-n18-n77 with 2UL for TR 38.899 | KDDI Corporation |
| R4-2320679 |  [HPUE\_FR1\_TDD\_NR\_CADC\_SUL\_R18] TP for HPUE CA\_n18-n28-n77 with 2UL for TR 38.899 | KDDI Corporation |

## 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: Revised WID

*Sub-topic description: Adding to WI new combos requested by Samsung, Nokia, Ericsson, Softbank,* *AT&T, CMCC and CMCC .*

*Open issues and candidate options before meeting:*

**Issue 1-1: Revised WID: new combos added.**

* Proposal:
* Recommended WF:

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

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

* Proposal:
* Recommended WF: