**3GPP TSG- Meeting #**

**Maastricht, , August**

**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*
* *TR skeleton*
* *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: General aspects of WI work procedure

*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.

Nokia: for proposal 1, it should be a single excel sheet based on RAN agreement.

AT&T: Our understanding is the similar to Nokia. The template can be modified. 3Tx can be handled in the same spreadsheet. We could still maintain one excel sheet.

T-Mobile USA: There are four TRs.

**Agreement:**

* One big CR is expected for all the band combinations in WI per applicable spec.
* Draft CRs for each band combinations with different configurations corresponding to different objectives 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: TR skeleton**

* Proposal: To agree on the TR skeleton (R4-2411107, R4-2411282, R4-2412355, R4-2412268)
* Recommended WF
* TBA

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

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