

Addressing leftover RAN4 requirements for NR-U

AI 9.2.1

Background

- NR-U SR in RP-202751 declares completion of the core requirements for NR-U
 - A number of items had been dropped due to the prioritization exercise and RAN4 focused on the items in the Exception sheets agreed in RAN#88e and RAN#89e
- RAN4#97e agreed the WF in R4-2017835 for the continuation of RAN4 requirements not completed in Rel-16:

WF on NR-U work continuation within RAN4

- Based on the on-line discussions in RAN4#97e meeting the following recommendations and rationale are proposed for some of the leftovers:
 - For CA and DC band combinations including n46 or n96, RAN4 recommends to cover these within the existing R17 band combination basket work items.
 - Previously, B46 LAA related band combinations were handled this way after completion of LAA WI.
 - For the introduction of 100MHz channel BW for n46 and/or n96, RAN4 recommends to cover this within the existing R17 “adding BW to existing bands work item” (NR_bands_R17_BWs).
 - For NR-U power class 3, RAN4 recommends to postpone the work until R16 NR TxDiv work in TEI16 is completed.
- FFS the handling of other NR-U aspects like UL intra-band contiguous CA

No RAN4 recommendation on how to address these items

Proposals

- **Proposal 1:** RAN#90e to endorse RAN4 WF in R4-2017835 for the continuation of RAN4 requirements not completed in Rel-16 in Rel-17 timeframe, i.e.,
 - For CA and DC band combinations including n46 or n96, RAN4 recommends to cover these within the existing Rel-17 band combination basket work items
 - Previously, B46 LAA related band combinations were handled this way after completion of LAA WI
 - For the introduction of 100MHz channel BW for n46 and/or n96, RAN4 recommends to cover this within the existing Rel-17 “adding BW to existing bands work item” (NR_bands_R17_BWs)
 - For NR-U power class 3, RAN4 recommends to postpone the work until Rel-16 NR TxDiv work in TEI16 is completed.
- **Proposal 2:** RAN#90e to discuss and decide how to handle the following items in Rel-17:
 - NR-U power class 3
 - UL intra-band contiguous CA



Thank you

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