

3GPP TSG-RAN #95-e

Electronic Meeting, March 17<sup>th</sup> -23<sup>rd</sup>, 2022

Agenda: 9.5.4.7

# Consideration on low priority cell dropping

Samsung

# Issues observed in Rel-17

- 1) Whether the low priority cell dropping issue should be addressed in the real field than conformance test
- 2) Whether “cell dropping mechanism” could be different between CA and EN-DC
- 3) The solutions discussed in RAN4 have explicit or implicit impact on RAN1/2, which may not be possible to be completed in Rel-17 without RAN1/2 involvement
- 4) The solution applicability needs further discussion
  - Applicable to FR1 or FR2, intra-band or inter-band CA
  - Applicable to only Scell, or both Pcell and Scell

**Observation: Companies have different understanding on Rel-17 objective, which is not practical to be completed even with one quarter extension.**

**Proposal 1: Remove the low priority cell dropping objective in Rel-17.**

# The proposed way forward for Rel-18:

With a well defined objective by clarifying the observed Rel-17 issues, it is worth to further investigate the low priority cell dropping in Rel-18.

**Proposal 2: Further investigate the low priority cell dropping in Rel-18 with a clarified objective.**

## Reference:

- [1] RP-212527 revised WID: RF requirements enhancement for NR frequency range 1 (FR1), RAN 93e, Huawei, HiSilicon
- [2] R4-2206424 Email discussion summary for [102-e][124] NR\_RF\_FR1\_enh\_IntraHPUE, ran4#102-e,Huawei, HiSilicon
- [3] TR 38.213 v16.8.0