3GPP TSG-RAN WG2 Meeting#110-e Draft\_R2-200xxxx

Online, 1st -12th Jun. 2020

**Title:** [Draft] Reply LS on DCP

**Response to:** R2-2004356 (R1-2003068)

**Release:** Release 16

**Work Item:** NR\_UE\_pow\_sav-Core

**Source:** Huawei [to be RAN2]

**To:** RAN1

**Cc:**

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**Attachments:**

**1. Overall Description:**

RAN2 would like to thank RAN1 on the reply LS on DCP regarding the MAC-PHY interactions. In RAN2#110-e, RAN2 further discussed the MAC-PHY interactions for DCP and identified the following issue in Text proposal of CR to TS38.213 (R1-2003177):

*If a UE is provided search space sets to monitor PDCCH for detection of DCI format 2\_6 in the active DL BWP of the PCell or of the SpCell and the UE*

*- is not required to monitor PDCCH for detection of DCI format 2\_6, as described in Clauses 10, 11.1, 12, and in Clause 5.7 of [14, TS 38.321] for all corresponding PDCCH monitoring occasions outside Active Time prior to a next long DRX cycle, or*

*- does not have any PDCCH monitoring occasions for detection of DCI format 2\_6 outside Active Time of a next long DRX cycle*

From RAN2 perspective, the UE behavior for DCP invalid cases due to overlapping with Active Time, measurement gap and BWP switching period has already been captured in TS 38.321. Other invalid cases from PHY perspective should be captured in TS38.213. Thus, we think “, and in Clause 5.7 of [14, TS 38.321]” in above text seems to be redundant with MAC specification and could be removed.

**2. Actions:**

**To RAN1:**

RAN2 respectfully recommends RAN1 to remove the redundant text as above from TS 38.213.

**3. Date of Next TSG-RAN WG2 Meetings:**

3GPP RAN2#111-e 18 - 28 Aug, 2020 Online

3GPP RAN2#112-e 2 - 13 Nov, 2020 Online