3GPP TSG-RAN WG2 Meeting #118-e draftTdoc R2- 220XXXX

Electronic Meeting, May 9th - 20th, 2022

**Title:** [DRAFT] Reply LS on introduction of an offset to transmit CD-SSB and NCD-SSB at different times

**Response to:** Reply LS on introduction of an offset to transmit CD-SSB and NCD-SSB at different times (R1-2205535 and R4-2210599)

**Release:** Rel-17

**Work Item:** NR\_redcap-Core

**Source:** Ericsson (To be RAN2)

**To:** RAN1, RAN4

**Cc:**

**Contact Person:**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:**

**1. Overall Description:**

RAN2 would like to thank RAN1 and RAN4 for their reply LS on introduction of an offset to transmit CD-SSB and NCD-SSB at different times. RAN2 agreed to specify the offset with the following value range {sf5, sf10, sf15, spare5, spare4, spare3, spare2, spare1} and the definition below:

|  |
| --- |
| ***ssb-TimeOffset***  The time offset between CD-SSB of the serving cell and this Non-Cell Defining SSB. Value sf5 means the first burst of Non-Cell Defining SSB is transmitted 5ms later than the first burst of CD-SSB transmitted after the first symbol of SFN=0 of the serving cell, value sf10 means the first burst of Non-Cell Defining SSB is transmitted 10ms later than the first burst of CD-SSB transmitted after the first symbol in SFN=0 of the serving cell, and so on. If the field is absent, RedCap UE considers that the time offset between the first burst of CD-SSB transmitted in the serving cell and the first burst of this Non-Cell Defining SSB transmitted is zero. |

RAN2 would like to ask RAN1 and RAN4 to take the above into consideration and provide feedback on the values, i.e., confirm and/or indicate whether additional values are needed.

**2. Actions:**

**To RAN1 and RAN4**

**ACTION:** RAN2 kindly asks RAN1 and RAN4 to take the above into consideration and provide feedback on the values, i.e., confirm and/or indicate whether additional values are needed.

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

TSG-RAN WG2 Meeting #119 22nd - 26th Aug 2022 e-Meeting

TSG-RAN WG2 Meeting #119bis-e 10th - 26th Oct 2022 e-Meeting