**3GPP TSG-RAN WG4 Meeting #108-bisR4-231xxxx**

**Toulouse, France, 21 – 25 August, 2023**

**Title: Reply LS on CG-SDT RRM test procedure**

**Response to:** R5-235340

**Release:** Release 17

**Work Item:** NR\_SmallData\_INACTIVE-UEConTest

**Source:** RAN4

**To:** RAN5

**Cc:**

**Contact Person:**

#### Name: Li Zhang

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**Attachments: R4-231XXXX**

**1. Overall Description:**

RAN4 thanks RAN5 for the information in LS R5-235340.

In RAN4#108-bis, RAN4 reached following agreements on modification of the CG-SDT RRM test.

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| --- |
| * + Split CG-SDT test for positive check and negative check     - Test 1 verifies the positive check to ensure that CG-SDT transmission is performed,     - Test 2 verifies the negative check to ensure that CG-SDT transmission is not performed.     - Test 2 is executed only when Test 1 is passed.   + In Test#1, the original time points are reused with removing T5 and deducting W1 from T4   + In Test#2, the time points are repeated from Test#1 with removing time point TH   + Update RedCap CG-SDT RRM test accordingly with NR CG-SDT test case |

The draftCR for updating the test case in A.6.2.1 and A.7.2.1.1 is endorsed in R4-231XXXX.

RAN4 respectfully asks RAN5 to take the above information into account.

**2. Actions:**

**To RAN5:**

RAN4 respectfully asks RAN5 to take the above information into account.

**3. Date of Next TSG-RAN4 Meetings:**

RAN WG4 Meeting #108-bis Oct 09 – Oct 13, 2023 Xiamen, China

RAN WG4 Meeting #110 Feb 26 – Mar 1, 2024 Athens, Greece