**3GPP TSG-RAN WG3 Meeting#108-e R3-20XXXX**

**1st – 12th June 2020**

Title: [DRAFT] Response LS on the LS For Exchange of information related to SRS-RSRP measurement resource configuration for UE-CLI

Response to: R3-196406/R2-1914021

Release: Release 16

Work Item: NR\_CLI\_RIM-Core

Source: ZTE (to be RAN3)

To: RAN2, RAN1

Cc: RAN4

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

Attachments: R3-203802,R3-203632

**1. Overall Description:**

RAN3 thanks RAN2 for the LS on inter-gNB exchange of SRS configuration for UE CLI measurement.

There is no consensus in RAN3 about the need of network signaling for SRS configuration transfer. However, RAN3 is currently analyzing two approaches for the coordination with neighboring nodes of the SRS resource configuration.

Approach 1 is network signalling solution in attached RAN3 CRs based inter-gNB exchange of the *SRS-Config* IE defined in TS 38.331.

Approach 2 is O&M based solution which means nodes exchange SRS resource configuration via O&M.

Both approaches are intended to enable a neighbour gNB to configure SRS-RSRP measurements of potential CLI aggressor cells in its served UEs.

For further analysis of the need of network signaling for SRS configuration transfer, RAN3 would like to ask the following question to RAN1:

**Question to RAN1:**

* What is the maximum frequency of inter-gNB exchange of SRS configuration expected required to enable configuration of SRS-RSRP measurements of potential CLI aggressor cells in served UEs?

Question to RAN2:

* What is the update frequency of SRS configuration in a UE for UL scheduling?
* What is the normal and maximum measurement period for neighbour cell’s SRS-RSRP measurement by victim UEs?

So far RAN3 could not conclude whether Xn/ F1 signalling is required or whether O&M is sufficient.

**2. Actions:**

To RAN1 group:

**ACTION:**  RAN3 kindly asks RAN1 to provide feedback on above question.

To RAN2 group:

**ACTION:**  RAN3 kindly asks RAN2 take it into account and provide feedback if necessary.

**3. Date of Next RAN3 Meetings:**

RAN3#109-e 17 – 28 August 2020 Online

RAN3#110-e 2 – 13 November, 2020 Online