**3GPP TSG-SA5 Meeting #143-eS5-223524d2**

e-meeting, 9 - 17 May 2022

**Title: LS on Reply LS on beam measurement reports**

**Response to: R3-221383 Reply LS to SA5 on beam measurement reports from RAN3**

**Release: Rel-17**

**Work Item: NR\_ENDC\_SON\_MDT\_enh**

**Source: 3GPP SA5**

**To: RAN3**

**Cc: RAN2**

**Contact person: Mark Scott**

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

**Attachments:** None.

# 1 Overall description

SA5 thanks RAN3 for the Reply LS on Beam Measurement reports for the MDT measurements, indicating it has agreed to address the beam level configuration in the case of immediate MDT measurement in NR, and for providing details of the requirements and configuration parameters.

The solution proposed states “It should be noted that the information added does not indicate which specific beam measurements should be collected. and that a flag from OAM to RAN to indicate that beam measurements are needed".  This is not sufficient in SA5 view.

The Beam measurements over RRC are specified in more detail and provide support to:  
   - indicate whether only the indexes of the strongest beams are reported by the UE, or  
   - Indicate that beam measurements need to be reported, and whether the measurements are RSRP/RSRQ/SINR

SA5 has standardised information from OAM to the RAN that specifies the type of beam measurement to collect (RSRP/RSRQ/SINR). We feel the RAN3 proposal is a start but would request that RAN3 provide further input on 1) whether beam indexes and/or beam measurements are needed, and 2) which beam measurements should be collected (RSRP/RSRQ/SINR).

# 2 Actions

**To RAN3**

**ACTION:** SA5 kindly asks RAN3 to take the above information into account and to provide further feedback to address the comments raised above.

# 3 Dates of next TSG SA WG 5 meetings

SA5#144e 27 June - 01 July 2022 Electronic meeting

SA5#145 (TBC) 15 - 19 August 2022 Gothenburg (Sweden)