3GPP TSG SA WG5 Meeting 136-e Tdoc S5-212193

electronic meeting, online, 1-9 March 2021

**Title: LS on network sharing with multiple SSBs in a carrier**

**Response to: -**

**Release: Rel-17**

**Work Item: Management Aspects of 5G Network Sharing, MANS**

**Source:** **SA5#136-e**

**To:** **RAN2, RAN3**

**Cc:**

**Contact person: zhu.weihong@zte.com.cn**

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

**Attachments:**

# 1 Overall description

SA5 is working on the Rel-17 WI “Management Aspects of 5G Network Sharing (MANS)”. During the discussion, the companies have different opinions on whether the feature multiple SSBs in a carrier can be used to support NG-RAN sharing. SA5 notices that the feature multiple SSBs in a carrier is described in TS 38.300, clause 5.2.4 and Annex B.2, however, no description is provided as to whether this feature can be used to support NG-RAN sharing or not.

SA5 would like to ask RAN2 and RAN3 to clarify the following questions.

1. Is there any constraint for the feature multiple SSBs in a carrier to support NG-RAN sharing (i.e. the cell associated to different SSBs can be used by different operators)?
2. Is the NG-RAN sharing deployment example depicted in the figure below a valid application of multiple SSBs in a carrier feature?

 

Note: In the figure, gNBA-DU and gNBB-DU represent the logical DUs which share one physical DU.

# 2 Actions

**To RAN2, RAN3:**

**ACTION:** SA5 would like to ask RAN2 and RAN3 to clarify the abovementioned questions.

# 3 Dates of next TSG SA WG 5 meetings

SA5#136-e 1st March 2021 - 10th March 2021 electronic meeting

SA5#137-e 10th - 19th May 2021 electronic meeting