3GPP TSG SA WG5 Meeting 137-e Tdoc S5-213680

electronic meeting, online, 10 - 19 May 2021

**Title: Reply LS to RAN2 on network sharing with multiple SSBs in a carrier**

**Response to: S5-213048 (R2-2104606)**

**Release: Rel-17**

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

**Source:** **SA5**

**To: RAN2**

**Cc: RAN3**

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

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

**Attachments:**

# 1 Overall description

SA5 would like to thank RAN2 for the reply LS on network sharing with multiple SSBs in a carrier.

During the SA5 discussion on the responses from RAN2, SA5 thinks the responses to question#1 and question#2 are very clear. But for the response to the question#3, especially for the last two sentences in the response, different companies have different interpretations.

For the penultimate sentence in the response to question#3, which is “System information including multiple PLMNs in SIB1 of cells associated to different CD-SSBs can be different”, some companies in SA5 have the following interpretation: “**The cells associated to different CD-SSBs can be used by different operators, thus the carrier is shared**”. And some companies don’t agree with this interpretation. So SA5 kindly requests RAN2 to clarify the following question:

**Q1: Is the abovementioned interpretation correct or not?**

For the last sentence in the response to question#3, which is “RAN2 never discussed in details on how to use multiple SSBs for NG-RAN sharing”, it is very clear when it is read separately, but if it is read together with the sentence before it, it seems conflicts with the sentence before it, especially if the answer to Q1 is positive. So SA5 kindly requests RAN2 to clarify the following question:

**Q2: Does the last sentence in the response to question#3 mean that using multiple SSBs for NG-RAN sharing is not supported at all, or it means some specific and necessary enhancements are needed to support multiple SSBs for NG-RAN sharing? Or it is just a sentence that states facts literally?**

# 2 Actions

**To RAN2:**

**ACTION:** SA5 kindly requests RAN2 to clarify the abovementioned questions.

# 3 Dates of next TSG SA WG 5 meetings

SA5#138e 23 – 31 August 2021 online

SA5#139 11 – 15 October 2021 TBD