**3GPP TSG-RAN WG1 Meeting #103-e R1-20xxxxx**

**e-Meeting, October 26th – November 13th, 2020**

**Title:** LS on CBRA based Beam Failure Recovery

**Response to:** N/A.

**Release:** Release 16

**Work Item:** NR\_eMIMO-Core

**Source:** Apple, TSG RAN WG1

**To:** TSG RAN WG2

**Cc:**

**Contact Person:**

#### Name: Yushu Zhang

E-mail Address: yushu\_zhang@apple.com

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

**Attachments:** -

**1. Information on CBRA based BFR:**

RAN1 would like respectfully to provide some information to RAN2 that RAN1 has made the following agreement on CBRA based BFR.

|  |
| --- |
| Agreement* **For CBRA based PCell/PSCell BFR, if Msg3 or MsgA of CBRA-BFR contains BFR MAC CE, after 28 symbols from the last symbol of the PDCCH reception that determines the completion of CBRA BFR as described in Clause 5.1.5 of 38.321, UE transmits PUCCH in the PCell/PSCell using the same spatial domain filter as that used for the latest PRACH transmission and with power control parameters**q\_u**= 0,**q\_d**=**q\_new**and**l**= 0, if the PUCCH resource is provided with *PUCCH-SpatialRelationInfo***
	+ *q\_new* is the SSB selected for the PRACH transmission
 |

In addition, it is RAN1’s understanding that whether corresponding RRC parameter and UE capability needs to be introduced to enable BFR MAC CE for CBRA based PCell/PSCell BFR is a RAN2 issue.

**2. Actions:**

**To RAN2 group.**

**ACTION:** RAN1 respectfully asks RAN2 to take the above information into account for future work.

**3. Date of Next TSG-RAN WG1 Meetings:**

3GPP RAN1#104-e 25 January – 05 February 2021 e-meeting

3GPP RAN1#104b-e 12 April – 20 April 2021 e-meeting