**3GPP TSG-RAN WG2 Meeting #109-e *draft R2-2001927***

**Prague Czech Republic, 26th - 30th August 2019**

**Title: draft**LS on Support of CSI-RS for 2-step RACH (CFRA)

**Response to:**

**Release:** Rel-16

**Work Item:** NR\_2step\_RACH-Core

**Source:** RAN2

**To:** RAN1

**Cc:**

**Contact Person:**

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**Attachments:**

**1. Overall Description:**

As part of the 2-step RACH work item, RAN2 has agreed to support CFRA.

The following framework is used in RAN2 for CFRA support:

|  |
| --- |
| 1. RAN2 to at least support dedicated msgA PUSCH resources, i.e non-shared resources between CFRA and CBRA.
2. For dedicated msgA PUSCH resources, the full msgA PUSCH configuration is signaled in RACH-ConfigDedicated
3. Dedicated msgA PRACH occasions are optionally configured for 2-step CFRA. If not configured, msgA PRACH occasions for 2-step CBRA are used.
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In addition to the above, RAN2 also assumed that both CSI-RS and SSB based CFRA can be supported for 2-step CFRA (similar to 4-step CFRA).

However, RAN2 would like to understand if RAN1 has any issues or concerns with the support of CSI-RS for 2-step CFRA per above.

**2. Actions:**

**To RAN1**

**ACTION:** RAN2 respectfully asks RAN1 to take the above into account and answer the following question:

**Question to RAN1:**Do RAN1 have any issues or concerns to support CSI-RS for 2-step CFRA?

**3. Date of Next TSG-RAN2 Meetings:**

TBD