**3GPP TSG-RAN WG2 Meeting #119 Electronic R2-220XXXX**

**Elbonia, 17 – 26 August 2022**

**Title:** [Draft] Reply LS on CCA configurations of neighbour cells

**Response to:** LS on CCA configurations of neighbour cells (R2-2206956)

**Release:** Release 17

**Work Item:** NR\_ext\_to\_71GHz-Core

**Source:** Nokia [TSG RAN WG2]

**To:** TSG RAN WG4, TSG RAN WG3

**Cc:** TSG RAN WG1

**Contact Person:**

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**Attachments:** [CRS]

**1. Overall Description:**

RAN2 would like to thank RAN4 for their LS on CCA configuration question of FR2-2 Neighbour cells.

RAN2 has concluded that it is feasible to indicate whether to apply CCA for neighbour cell measurements in Rel-17 and has made draft CRs (as attached) to show how it can be done.

As the RRC\_CONNECTED state signaling in the attached CR includes neighbour cell list which indicates used channel access mode (CCA) for each cell, RAN2 would like to request RAN3 to evaluate the feasibility of the following options for obtaining the CCA information of neighbour cells:

Option 1: rely on O&M to handle CCA information provisioning for neighbour cells.

Option 2: enhance backhaul signaling to exchange cell CCA information between gNBs.

**2. Actions:**

**To RAN4, RAN1 group.**

**ACTION:** RAN2 respectfully asks RAN4 to take above information into account in their decision on CCA handling for neigbour cells on FR2-2.

**To RAN3**

**ACTION:** RAN2 respectfully asks RAN3 to consider the above two options and inform RAN2 of their conclusion.

**3. Date of Next TSG-RAN WG2 Meeting:**

RAN2#119bis-e from 2022-10-10 to 2022-10-19 Online

RAN2#120 from 2022-11-14 to 2022-11-18 Toulouse, France