**3GPP TSG-RAN WG3 Meeting #116-e *<TDoc#>***

**E-meeting, 09 May – 19 May 2022**

**Title:** **LS on interFrequencyConfig-NoGap-r16 signalling**

**Release: Rel-16**

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

**Source: RAN3**

**To: RAN2**

**Cc: -**

**Contact person: Angelo Centonza**

 **Angelo.Centonza@Ericsson.com**

**Attachments: XXXXX**

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

# Overall description

RAN3 has analysed whether the *interFrequencyConfig-NoGap-r1*6 IE needs to be signalled over the RAN interfaces.

In particular, the following proposals have been discussed:

1. Signalling of the *interFrequencyConfig-NoGap-r1*6 IE from the gNB-DU to the gNB-CU over the F1-C interface, to enable the gNB-CU to configure the UE appropriately if no-gap measurements need to be enabled
2. Signalling of the *interFrequencyConfig-NoGap-r1*6 IE from the MN to the SN over the Xn interface, to enable the MN to inform the SN of configuration of no-gap measurements and to enable the SN to allocate Active BWP appropriately
3. Signalling of the *interFrequencyConfig-NoGap-r1*6 IE from the SN-gNB-CU to the SN-gNB-DU over the F1 interface, to inform the SN-gNB-DU of configuration of no-gap measurements and to enable the SN-gNB-DU to allocate Active BWP appropriately

RAN3 would like to ask RAN2 whether the above proposals are feasible.

Additionally, if Proposal 2 is feasible, RAN3 would like to ask RAN2´s opinion on whether the *interFrequencyConfig-NoGap-r1*6 IE should be signalled as part of an inter node RRC message or if it should be signalled explicitly over the Xn interface.

# 2 Actions

**To RAN2:**

**ACTION:** RAN3 respectfully asks RAN2 to take the above into account and to provide answers accordingly.

# 3 Dates of next RAN3 meetings

The upcoming RAN3 meetings can be found in the [RAN3 Meetings calendar](https://portal.3gpp.org/Home.aspx?tbid=381&SubTB=381#/)