**3GPP TSG-RAN3 Meeting #119 R3-230813**

**Athens, Greece, 27th February - 3rd March 2023**

Title: Reply LS on RAN impact for NPN enhancement in Rel-18

Response to: S2-2301437/R3-230036

Release: Rel-18

Work Item: eNPN\_Ph2

Source: RAN3

To: SA2

Cc: RAN2

**Contact Person:**

Name: Shankar Krishnan

E-mail Address: shakrish@qti.qualcomm.com

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

Attachments: None

**1. Overall Description:**

RAN3 would like to thank SA2 for their LS on RAN impact for NPN enhancement in Rel-18.

RAN3 has identified at least the following impacts to the RAN3 specifications:

* For **Objective 1 (Support for enhanced mobility by enabling support for idle and connected mode mobility between SNPNs without new network selection),** RAN3 should support
  + Signaling Equivalent SNPNs over NGAP and XnAP e.g., by including it in the Mobility Restriction List
  + Signaling the selected SNPN ID to the target NG-RAN node during Xn and NG based handover
* For **Objective 2 (Support for non-3GPP access for SNPN),** RAN3 should
  + Support signaling for conveying the selected NID from non-3GPP access node to AMF in NGAP INITIAL UE MESSAGE

RAN3 will wait for RAN guidance and thereafter will work to provide the necessary specification support.

**2. Actions:**

**To SA2**

**ACTION:** RAN3 kindly asks SA2 to take the above information into account.

**3. Date of Next RAN3 Meetings:**

RAN3#119bis-e April 17 – April 26, 2023 E-Meeting

RAN3#120 May 22 - May 26, 2023 Incheon, South Korea