**3GPP TSG-RAN WG3 #114-e R3-21xxxx**

**E-meeting, 1 – 11 November, 2021**

Title: [DRAFT] LS Response on beam/antenna information for DL AOD in NR positioning

Response to: R1-2108646/[R3-214679](file:///E:\3GPP\会议文件\RAN3\2021年\RAN3%23114e\Docs\R3-214679.zip)

Work Item: NR\_pos\_enh

Source: CATT (to be RAN3)

To: RAN1

Cc: RAN2

**Contact Person:**

Name: Jiancheng Sun

Tel. Number:

E-mail Address: [sunjiancheng@catt.cn](mailto:sunjiancheng@catt.cn)

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

Attachments: None

**1. Overall Description:**

RAN3 thanks RAN1 for the LS on beam/antenna information for DL AOD in NR positioning.

RAN3 has briefly analysed the impact of RAN3, and would like to inform RAN1 about our initial conclusions:

1. Support signaling of the beam/antenna information from gNB to LMF via NRPPa.
2. Both options can be supported from RAN3 point of view, RAN1 is encouraged to further decide which option to go.

Therefore, RAN3 kindly asks RAN1 to take the above information into account in future work.

**2. Actions:**

**To RAN1:**

**ACTION:** RAN3 kindly asks SA2 to take the above information into account in future work, and inform RAN3 the corresponding progress in RAN1 if necessary.

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

RAN3#114bis-e 17-26 Jan, 2022 Online