**3GPP TSG-RAN2#121-bis-e Meeting *R2-23xxxxx***

**Online, 17th Apr– 26th Apr, 2023**

**Title: [DRAFT] Reply LS on 1-symbol PRS**

**Response to: R2-2302413/R1-2302201**

**Release:** **Rel-18**

**Work Items: TEI18**

**Source: ZTE Corporation [to be RAN2]**

**To: RAN WG1**

**CC: RAN WG3**

**Contact Person:**

#### Name: Yu Pan

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

**Attachment:** none

**1. Overall Description:**

RAN2 thanks RAN1 for the LS on 1-symbol PRS.

During RAN2#121-bis-e meeting, RAN2 decides to introduce 1-symbol PRS in line with the RAN1 agreement, and RAN2 decides to update:

TS 37.355 to extend the *dl-prs-NumSymbols, dl-prs-NumSymbolsReq* and *dl-PRS-ResourceSymbolOffset* for PRS configuration in Rel-18;

TS 38.331 to extent the *numSymbols* and *dl-PRS-ResourceSymbolOffset* for PDC PRS configuration in Rel-18.

Restrictions to the search window can be considered next meeting in LPP.

UE capability of 1-symbol PRS in LPP and RRC specifications will be updated in next meeting according to RAN1’s latest UE feature list.

**2. Actions:**

**To RAN WG1**

**ACTION:** RAN2 respectfully asks RAN1 to take above information into consideration.

**3. Date of Next RAN WG2 Meetings:**

RAN2#122 22-26 May 2023 Incheon, KR

RAN2#123 21-25 August 2023 Toulouse, FR