**3GPP TSG-RAN WG4 Meeting #111 R4-240xxxx**

Fukuoka City, Fukuoka, Japan, 20 – 24 May, 2024

**Title:** **Reply LS on reference point for SSB-TimeOffset**

**Response to:** **R2-2403771**

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

**Work Item:** **NR\_NTN\_enh-Core**

**Source:** **RAN WG4**

**To:** **RAN WG2**

**Cc: RAN WG1**

**Contact Person:**

**Name:** **Jie Cui**

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

**Attachments: N/A**

1. Overall Description:

RAN4 would like to thank RAN2 for the LS on reference point for SSB-TimeOffset. After discussion in RAN4#111 meeting, following agreement have been achieved:

RAN4 confirms that it is feasible to adopt the gNB as the reference point of ssb-TimeOffset for both soft and hard satellite switch without PCI change scenarios.

2. Actions:

**To RAN WG2 group.**

**ACTION: RAN4 kindly requests RAN2 to take the above agreement into consideration for future work.**

3. Date of Next TSG-RAN WG4 Meetings:

TSG RAN WG4 Meeting #112 19 – 23 Aug 2024 Maastricht, Netherland

TSG RAN WG4 Meeting #112bis 14 – 18 Oct 2024 China