3GPP TSG RAN WG 1 Meeting #118 R1-240xxxx

Maastricht, Netherlands, 19 – 23 August, 2024

**Title:** [Draft]LS on gaps/restrictions that are caused by RRM measurements

**Response to:**

**Release:** Rel-19

**Work Item:** NR XR Phase 3 (NR\_XR\_Ph3-Core)

**Source:** Nokia[RAN1]

**To:** RAN4

**Cc:** RAN2

**Contact person:** Margarita Gapeyenko

margarita.gapeyenko (at) Nokia.com

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

**Attachments:** -

# 1 Overall description

RAN1 discussed solutions to enable transmission/reception in gaps/restrictions that are caused by RRM measurements. The following working assumption and agreement were taken:

|  |
| --- |
| **Working Assumption**For solutions based on triggering/enabling by network signaling to enable Tx/Rx in gaps/restrictions that are caused by RRM measurements select the following option:* Alt. 1: Dynamic indication to enable Tx/Rx in particular gap/restriction that are caused by RRM measurements.
	+ **Alt 1-1**: Explicit indication by DCI to skip a particular gap/restriction;
		- Indication is included as part of scheduling DCI:
			* Bit-field size is one bit;
				+ The bit in the DCI is used to indicate whether to skip the first gap/restriction occasion after a minimum time offset required between the last symbol of the PDCCH carrying the DCI format and the start of corresponding skipped gap/restriction occasion indicated by the DCI.

Send an LS to RAN4 to inform them of the above working assumption and ask them if there is any issue with it. **Agreement**If Alt. 1 from RAN1#117 agreement is supported, minimum time offset(s) X between indication to skip and skipped measurement occasion is up to RAN4 to discuss and decide on particular value(s). |

# 2 Actions

**To RAN4**

**ACTION:** RAN1 respectfully asks RAN4 to check the working assumption and inform RAN1 if there are concerns that RAN1 should address.

# 3 Dates of next TSG RAN WG 1 meetings

TSG-RAN WG1 Meeting #118-bis 14 - 18 October 2024 Hefei, CN

TSG-RAN WG1 Meeting #119 18 - 22 November 2024 Orlando, US