**3GPP TSG-RAN WG2 Meeting #121** [**R2-xxxx**](file:///C:\Users\terhentt\Documents\Tdocs\RAN2\RAN2_121\R2-2302007.zip)

Athens, Greece, 27th February – 3rd March 2023

**Title:** [Draft] LS to RAN4 on Rel-18 MUSIM impacts

**Release:** Rel-18

**Work Item:** NR\_DualTxRx\_MUSIM-Core

**Source:** vivo (to be RAN2)

**To:** RAN4

**Cc:**

**Contact person:** Wenjuan Pu@vivo.com

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

**Attachments:**

# 1 Overall description

For Rel-18 MUSIM WI, RAN2 has been discussing the temporary UE capability restriction objective. For this objective, it is stated in the WID that ‘The work item shall identify whether the WI will have RAN3 or RAN4 impacts by RAN#99 [RAN2].’

Based on the RAN2 discussion, RAN2 has identified only one issue which might have potential RAN4 impact. The UE UL tx power may be reduced in Network A when there is another UL transmission in Network B simultaneously.

Some companies in RAN2 thinks the current mechanism with PHR can solve the problem but RAN2 would like to check with RAN4. RAN2 kindly ask RAN4 to discuss if there is RAN4 impact on the UL tx power change due to Rel-18 MUSIM operation.

# 2 Actions

**To RAN4**

RAN2 respectfully asks RAN4 to discuss if there is RAN4 impact on the UL tx power change due to Rel-18 MUSIM operation, and provide feedback if any.

# 3 Dates of next TSG-RAN WG2 meetings

TSG RAN WG2 Meeting #121bis-e April 17th – April 26th, 2023 Online

TSG RAN WG2 Meeting #122 May 22nd – May 26th, 2023 Incheon,KR