**3GPP TSG RAN WG1 Meeting #114 R1-230xxxx**

Toulouse, France, August 21 – 25, 2023

**Agenda item: 9.17**

**Source: Nokia, Nokia Shanghai Bell**

**Title: Summary on email discussion on NR\_cov\_enh2**

**Document for: Discussion and Decision**

# 1 Introduction

This document contains company observations on the draft CR to 38.214 for the Rel18 NR\_cov\_enh2.

First checkpoint for this discussion: **September 5, 6:00 am UTC**!

# 2 Discussion – first round

The comments in this section are based version 0 of the draft CR.

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| Company | Comments | Editor reply/Notes |
| CATT | Based on the following RAN1 agreement, we propose to add the yellow highlighted text below, since otherwise PDCCH with CRC scrambled by SP-CSI-RNTI is included as well.**Agreement**Dynamic waveform switching enhancement in R18 is applicable to PUSCH scheduled by DCI format 0\_1 or 0\_2 in PDCCH with CRC scrambled with C-RNTI, MCS-C-RNTI, or CS-RNTI with NDI=1.* Note: The above does not imply that dynamic switching enhancement in R18 is applicable or not applicable to other cases of PUSCH (e.g. PUSCH transmission with a Type 1 or Type 2 configured grant, PUSCH scheduled by DCI format 0\_0).

For PUSCH transmission scheduled by a PDCCH with CRC scrambled by CS-RNTI with NDI=1, C-RNTI, or MCS-C-RNTI or SP-CSI-RNTI:- If the DCI with the scheduling grant was received with DCI format 0\_0, the UE shall, for this PUSCH transmission, consider the transform precoding either enabled or disabled according to the higher layer configured parameter *msg3-transformPrecoder*. - If the DCI with the scheduling grant was not received with DCI format 0\_0 - If the DCI with the scheduling grant was received with DCI format 0\_1 or 0\_2 with CRC scrambled by CS-RNTI with NDI=1, C-RNTI, or MCS-C-RNTI and if the UE is configured with a higher layer parameter [*dynamicTransformPrecoderIndicationDCI-0-1]* in *pusch-Config* for DCI format 0\_1 or [*dynamicTransformPrecoderIndicationDCI-0-2]* in *pusch-Config* for DCI format 0\_2 and the higher layer parameter is set to ‘enabled’, the UE shall, for this PUSCH transmission, consider the transform precoding either enabled or disabled according to the [Dynamic transform precoder indicator] field in the DCI with the scheduling grant. | # thanks for the suggestion! Made the proposed changes! |

# 3 Discussion – second round

The comments in this section are based on version 1 of the draft CR available in the **Post RAN1#114 discussion.**

Second checkpoint for this discussion:  **is September 6, 9.00 am UTC!**

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