TSG-RAN WG1 #112b-e R1-23xxxxx

e-meeting, April 17 – 26, 2023

Source: Nokia

Title: Draft CR 38.214 – TEI18

Agenda Item: 9.18

Document for: Discussion and Decision

# Introduction

This thread will discuss the potential need for a draft CR to 38.214 for TEI18.

A first item where I would appreciate companies’ feedback is related to *Introduction of additional PRS configurations*.

First checkpoint for this discussion: **April 20, UTC 17.00!**

# Discussion – first round

To my knowledge, there is the following RAN1 agreement:

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| **Agreement**Introduce 1-symbol PRS with legacy comb sizes. * **UE expects the suitable expected RSTD windows provided by LMF such that peak ambiguity is addressed. Otherwise no measurement accuracy requirements are expected to be met.**
* Not to define RAN4 RRM requirement, including core/performance in Rel-18
* Send an LS to RAN2 and RAN3 to ask necessary signalling enhancements
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| Company | Comments | Editor reply/Notes |
| Nokia/Editor  | I look forward to hearing your views on the bold font phrase in the agreement above! In my view this is not necessarily needed in 38.214 as: 1. We need to see what RAN4 is going to do about this issue, 2. A specification change may be seen as covering an error case as we will of course expect a valid configuration to happen to the UE, configuration which will be according to some procedure (not specified in 38.214).  |  |
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