3GPP TSG-RAN WG2 Meeting #109-e R2-200xxxx

24th February – 6th March 2020

Agenda: 5.4.3

Source: Huawei

Title: [AT109e][010][NR15] Potential easies IV (Huawei)

Document for: Discussion and Decision

# 1 Introduction

This document contains a list of documents to be discussed for the email discussion below. Companies are invited to give the comments on the CRs.

* [AT109e][010][NR15] Potential easies IV (Huawei)

Scope: Treat the documents [R2-2001187](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_109_e\Docs\R2-2001187.zip), R2-2001323, R2-2001314, R2-2001314, R2-2001313, R2-2001312

Intended outcome: Agreed CRs

Deadline: Feb 27 1200 CET

# 2 Discussion

Companies are invited to give the comments on the CRs.

## R2-2001312, R2-2001313, R2-2001314

70 MHz BW – email discussion

R2-2001312 Report for email discussion 108#04 on support of 70MHz CBW Huawei, HiSilicon discussion Rel-15 NR\_newRAT-Core

R2-2001313 CR to 38.331 on support of 70MHz channel bandwidth Huawei, HiSilicon, Vodafone CR Rel-15 38.331 15.8.0 1410 2 F NR\_newRAT-Core R2-1916500

R2-2001314 CR to 38.306 on support of 70MHz channel bandwidth Huawei, HiSilicon, Vodafone CR Rel-15 38.306 15.8.0 0209 2 F NR\_newRAT-Core R2-1916501

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| **Company** | **Comments on the CR** |
| Intel | Support the CRs |
| Nokia | * For 38.306 the description could be improved: What does this mean “all the bits in channelBWs-DL-v15xy without associated bandwidths as defined in clause 5.3.5 of TS 38.101-1 [2] and TS 38.101-2 [3] shall be set to 0.“? We understood the intent was to leave the rest of the bits undefined for now, and would simply rephrase and say that as follows: “For FR1, the leading/leftmost bit in channelBWs-DL-v15xy indicates 70MHz, and all the remaining bits in channelBWs-DL-v15xy shall be set to 0 in this version of the specification. For FR2, all the bits bits in channelBWs-DL-v15xy shall be set to 0 in this version of the specification.“ This more clearly indicates that for FR1, the leading bit has a meaning but no other bits do (in this version of specification), and for FR2 none of the bits have a meaning yet (in this version of specification). * For TS 38.331, the inter-operability analysis is missing: If UE implements the CR but network doesn’t, there are no inter-operability issues as network will just ignore the new bits. If NW implements the CR but UE doesn’t, there are no inter-operability issues as UE will never indicate the new bits. * For TS 38.331 and TS 38.306 this would be good to add, Consequences if not approved could be improved, e.g. “UE cannot indicate support for 70 MHz channel bandwidth.“ |
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## R2-2001323

R2-2001323 CR on maximum stored number of deprioritisation frequencies Huawei, HiSilicon CR Rel-15 38.306 15.8.0 0254 - F NR\_newRAT-Core

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| **Company** | **Comments on the CR** |
| Intel | We agree with the intention and it seems OK to capture it in that table. |
| Nokia | We agree with the intention, but since this is implicitly captured already by RRC signalling, is there a benefit from capturing it in UE requirements? i.e. normally in absence of capabilities, UE is required to comprehend and store the entirety of ASN.1 configuration. |
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## R2-2001187

[R2-2001187](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_109_e\Docs\R2-2001187.zip) Correction on parameter description of beamManagementSSB-CSI-RS Huawei, HiSilicon CR Rel-15 38.306 15.8.0 0194 2 F NR\_newRAT-Core R2-1914663

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| **Company** | **Comments on the CR** |
| Intel | Ok |
| Nokia | Agree with this. |
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# 3 Conclusion