**3GPP TSG-RAN WG4 Meeting # 107 R4-23XXXXX**

**Incheon, KR, May 22nd – May 26th , 2023**

**Agenda item:** 5.4

**Source:** Qualcomm Inc.

**Title:** Topic summary for [107][318] NR\_exto71GHz\_Demod\_Part1

**Document for:** Information

# Introduction

Topic summary for [107][318] NR\_exto71GHz\_Demod\_Part1, collecting input documents for Agenda Item 5.2.9.6.1

# Topic #1: R.17 CRs for FR2-2 UE Demodulation

## CR Collection

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| **TDoc** | **Source** | **Title** | **Summary of Change** |
| R4-2307475 | Nokia, Nokia Shanghai Bell | CR for 38.101-4: PDCCH requirements for FR2-2 | Removed all square brackets for PDCCH requirements for FR2-2. Requirements were added in RAN4#106.  *Moderator’s Note: Changes are included in R4-2308935;* |
| R4-2307942 | Nokia, Nokia Shanghai Bell | CR for 38.101-4: Correction of wrongly placed section for FR2-2 | Move section A.3.3.2.5 to the correct parent section.  *Moderator’s Note: No tracked changes in change #2? Same correction in R4-2308857, R4-2309376;* |
| R4-2308857 | Huawei, HiSilicon | CR on 38.101-4: Updates to FR2-2 UE performance requirements | (1) Remove the brackets  (2) Add FRC for FR1+FR2-2 CA  (3) Remove the PDCCH RMC from clause A.3.2.2 to A.3.3.2  (4) Correct the PDSCH allocation for FR1+FR2-2 CA test |
| R4-2308935 | Ericsson | CR to 38.101-4 for brackets removal and fixing typos. | All SNR brackets for physical channel demodulation requirements are removed except for Test 4-4 in Table 7.2.2.2.1-6 and Test 1-4 in Table 9.2A.1-5.  Address typos in clause 8.1.1.5.1 and Table 8.2.2.2.1.1-2. |
| R4-2309165 | Rohde & Schwarz | Update to FR2 delay profiles | Update delay profile for FR2 with additional information on which delay resolution to use. |
| R4-2309376 | Apple | CR on FRC for PDSCH CA requirements | Added FRCs for PDSCH CA requirements and updated the requirements table with correct FRC.  Moved PDCCH FRC for 480KHz to correct section |