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

**Toulouse, France, August 21st – 25th, 2023**

**Agenda item:** 9.17

**Source:** Samsung

**Title:** Summary of email discussions [114-R18-38.213-NR\_FR1\_lessthan\_5MHz\_BW]

**Document for:** Discussion and decision

# Introduction

The purpose of this document is to collect inputs/comments on the draft CR for TS 38.213 [draftCR\_38213 Less than 5 MHz BW](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_114/Inbox/drafts/9.17%28Other%29/%5B38.213%20draft%20CRs%5D/NR_FR1_lessthan_5MHz_BW/R1-230xxxx%20draftCR_38213%20Less%20than%205%20MHz%20BW.docx) on the introduction of NR support for dedicated spectrum less than 5MHz for FR1. If a comment on a particular aspect has been made by another company, please do not repeat it until, if needed, after a response.

The first checkpoint is on September 5, UTC 13:00.

# First Round Discussion

Please provide your comments on the draft CR for TS 38.213 [draftCR\_38213 Less than 5 MHz BW](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_114/Inbox/drafts/9.17%28Other%29/%5B38.213%20draft%20CRs%5D/NR_FR1_lessthan_5MHz_BW/R1-230xxxx%20draftCR_38213%20Less%20than%205%20MHz%20BW.docx).

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| Company | Comments |
| Ericsson | Thanks for the draft CR, we have the following comments:* Clause 13: The new text added as part of the first paragraph should also include the following statement “… in [8-1, TS 38.101 -1]. In Table 13-0, for configurations with indices 0, 1, 10 and 11, Table 5.4.3.1-3 in [8-1, TS 38.101-1] applies.”

[Aris]: Table 5.4.3.1-3 defines GSCN values 41637 and 41638, and Table 5.4.3.3-1 (NOTE 1) and Table 5.4.3.3-2 (NOTE 2) specify how to apply the two GSCN values. So, referring to Table 5.4.3.3-1 (NOTE 1) and Table 5.4.3.3-2 (NOTE 2) is sufficient.* Clauses 12 and 13: The word “truncation” can be replaced by “puncturing” as to align the wording used in TS 38.213 and TS 38.211.

[Aris]: Yes. |
| FUTUREWEI | Thanks for the draft CR1. For clause 13, the text “In Table 13-1, the associated SS/PBCH block is not located according to NOTE 12 of Table 5.4.3.3-1 in [8-1, TS 38.101-1].” seems unneeded.[Aris]: The intention is to say that when an SS/PBCH block is located as in NOTE 12 of Table 5.4.3.3-1, a UE uses Table 13-0 instead of Table 13-1 (clarifies UE behavior - no UE blind detection on which Table to use). 2. For clauses 12/13, “if truncation, if any”. In this case, “puncturing” seems to be the appropriate work. The SS/PBCH and CORESET are punctured.[Aris]: Yes. |
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