**3GPP TSG RAN WG Meeting #91-e RP-210xxx**

**e-Meeting, March 16 – 26, 2021**

**Source: Intel Corporation**

**Title: Summary of [91E][22][52.6\_71GHz\_TR] email discussion**

**Agenda item: 9.6.11**

**Document for: Discussion**

# Introduction

In this contribution, we summarize email discussions for [91E][22][52.6\_71GHz\_TR] discussion thread. The contributions that are covered by this discussion thread are:

1. RP-210129, “TR 38.808 v200: Study on supporting NR from 52.6 GHz to 71 GHz,” Intel Corporation
2. RP-210634, “Regulatory status for the frequency range 52.6 GHz to 71 GHz,” Apple
3. RP-210635, “TR38.807 CR0002 Regulatory update for the 52.6 to 71GHz frequency range,” Apple

# Summary of Discussion – Initial Round

## 2.1 Updates to TR38.808

RP-210129 is an update to TR38.808. The contents of the TR has been endorsed in RAN1 as v1.1.0 in R1-2102260.

**Summary of Discussions**

* Please review RP-210129 and comment if you have any concerns on approving RP-210129 (TR38.808 v2.0.0).
* Given that the contents has been reviewed in RAN1 and RAN4 reflector and it has been technical endorsed by RAN1, moderator will assume approval is acceptable unless explicit comments are provided.

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| **Company** | **Comments/Concerns on approving RP-210129** |
| vivo | Support. The draft TR has been shared in RAN4 reflector. |
| Apple | Support |
| Huawei, HiSilicon | We support approving RP-210129 |
| OPPO | Support |
| Ericsson | OK |
| Nokia | Support |

## 2.2 Updates to TR38.807

RP-210635 is an update to TR38.807. The TR 38.807 was for a RAN plenary lead study item for above 52.6 GHz. Apple has provided with some updates to the regulatory requirements for Europe and Australia.

**Summary of Discussions**

* Please review RP-210635 (its companion Tdoc RP-210634) and comment if you have any concerns on approving RP-210635 (TR38.807 CR000).

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| **Company** | **Comments/Concerns on approving RP-210129** |
| vivo | The regulatory requirements have been discussed in the last RAN4 meeting, we are supportive to update the regulatory requirements in the TR 38.807. |
| Apple | As an additional comment from our side, we have tried to collect the latest regulatory status for the 52..71GHz frequency range. If something is missing and/or remains outdated, we will be more than open to reflect it accordingly. |
| Huawei, HiSilicon | Thanks Apple for providing the pCR. As we were in favor (and proposing) to capture the WRC-19 IMT identification for 66-71 GHz earlier last year, we are still supporting the update.  We would like more time to continue reviewing the details with our regulatory experts so please allow us to provide more feedback in the next round.  For the time-being, we would suggest for better accuracy to edit the TR to ensure section titles are changed from “country” to “country/region” or “country/regional”, as well as Table titles. |
| OPPO | Support to approve RP-210635 |
| Ericsson | In principle we are ok but we are checking internally and come back with comments on the CR if any in the 2nd round. |
| Nokia | We support in principle to update the TR according to the CR, but the proposed new text in section 4.2.2.1 contains history, background, speculation, and meeting minutes from other groups that we would like to avoid in a 3GPP TR. Suggest to reword and shorten the section to include only the relevant references to the European regulatory decisions.  In Table 4.2.2.1-2, under Spectrum access and mitigation requirements, suggest to align 57-71 GHz with ERC/REC/70-03: “Adequate spectrum sharing mechanism ~~(e.g. Listen-before-Talk, Detect-And-Avoid)~~ shall be implemented ~~by the equipment~~”. This would reflect the latest regulatory status, as the decision (EU) 2019/1345 does not specify more details. |

# Reference

1. RP-210129, “TR 38.808 v200: Study on supporting NR from 52.6 GHz to 71 GHz,” Intel Corporation
2. RP-210634, “Regulatory status for the frequency range 52.6 GHz to 71 GHz,” Apple
3. RP-210635, “TR38.807 CR0002 Regulatory update for the 52.6 to 71GHz frequency range,” Apple