3GPP RAN TSG Meeting #92-e RP-21xxxx

Electronic meeting, June 14 – 18, 2021

**Agenda item:** 9.7.4.7

**Source:** Moderator (Apple)

**Title:** Email discussion summary of [92-e-21-RF-FR1-WI]

**Document for:** Information

# Introduction

In RAN#92-e, an email thread [92-e-21-RF-FR1-WI] is assigned to discuss the following tdocs: RP-211326, RP-211329, RP-211368.

The plan is to agree on the proposed changes to the WID first. Then the rapporteur can update the WID, if needed, based on the outcome of this email thread.

# Topic #1: RP-211326

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| RP-211326 | Qualcomm | **Proposal: Agree on Tables 3a-3f. In particular, clarify whether Rel-17 includes the switching scenario for intra-band CA option 1 and SUL where one port is supported in the band with intra-band CA and two port is supported in the band without intra-band CA. If Tables 3a-3f are agreed, update the WID with including them.****Table 3** Scenarios for intra band CA and SUL of R17 UL Tx switching (band A – 1 CC, band B – 2CC).* + - * **For Tx switching based on SUL, or uplink CA option 1**

**Table 3a** - Case 1 and Case 2

|  |  |
| --- | --- |
|   | **Number of Tx chains in WID (band A + band B)** |
| Case 1 | 1T+0T |
| Case 2 | 0T+2T |

Or**Table 3b** - Case 1 and Case 3

|  |  |
| --- | --- |
|   | **Number of Tx chains in WID (band A + band B)** |
| Case 1 | 0T+1T |
| Case 3 | 2T+0T |

Or**Table 3c** – Case 2 and Case 3

|  |  |
| --- | --- |
|   | **Number of Tx chains in WID (band A + band B)** |
| Case 2 | 0T+2T |
| Case 3 | 2T+0T |

* + - * **For Tx switching based on uplink CA option 2**

**Table 3d** - Case 1, Case 2 and Case 3

|  |  |
| --- | --- |
|   | **Number of Tx chains in WID (band A + band B)** |
| Case 1 | 1T+1T |
| Case 2 | 0T+2T |

Or**Table 3e** - Case 1, Case 2 and Case 3

|  |  |
| --- | --- |
|   | **Number of Tx chains in WID (band A + band B)** |
| Case 1 | 1T+1T |
| Case 3 | 2T+0T |

Or**Table 3f** - Case 1, Case 2 and Case 3

|  |  |
| --- | --- |
|   | **Number of Tx chains in WID (band A + band B)** |
| Case 1 | 1T+1T |
| Case 2 | 0T+2T |
| Case 3 | 2T+0T |

 |

## Company views

**Are Tables 3a-3f agreeable? Why or why not? Please share your views in the table below.**

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX |  |

## Initial Summary

# Topic #2: RP-211329

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| RP-211329 | Ericsson | **It is proposed to add the following objectives to the WID:*** 5) Specify RF requirements for UL CA and the 100 MHz channel bandwidth for shared spectrum channel access for both 5 GHz and 6 GHz

a. specification of UL CA for shared spectrum access in applicable bands including at least the 2 x 20 MHz and 2 x 80 MHz cases;b. specification of the 100 MHz channel bandwidth for ‘wideband’ operation;RF requirements accounting for the regulatory requirements that apply in different regions (including the pending EU regulation for the 6 GHz range).  |

## Company views

**Are the proposed objectives agreeable? Why or why not? Please share your views in the table below.**

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX |  |

## Initial Summary

# Topic #2: RP-211368

## Companies’ contributions summary

|  |  |  |
| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| RP-211368 | Huawei, HiSilicon | **It is proposed to add the following objectives to the WID:*** 5) Specify upper limit for configured power that prevent transmission power dropping on the cell with lower priority order
	+ The solution applies for both inter-band UL CA and intra-band UL CA
 |

## Company views

**Are the proposed objectives agreeable? Why or why not? Please share your views in the table below.**

|  |  |
| --- | --- |
| **Company** | **Comments** |
| XXX |  |

## Initial Summary

# Final proposals/recommendations