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

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

**Agenda item:** 8.24.4

**Source:** Moderator (Huawei, HiSilicon)

**Title:** Topic summary for [107][222] NR\_MC\_enh

**Document for:** Information

# Introduction

This email thread discusses the RRM core requirements of WI on Multi-carrier enhancements.

# Topic #1: DL interruption for Tx switching across 3/4 bands

## Companies’ contributions summary

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| --- | --- | --- |
| **T-doc number** | **Company** | **Proposals / Observations** |
| R4-2308334 | Huawei, HiSilicon | CR  If one downlink carrier is indicated to be interrupted by two band pairs for dynamic switching simultaneously, the DL interruption length and location on the victim carrier is determined by the maximum of uplink switching periods of the two band pairs. |
| R4-2308601 | Nokia, Nokia Shanghai Bell | Observation 1: RF is still discussion about the time mask in case of dynamic switching simultaneously.  Proposal 1: Wait for RF agreement on the length of switching time for simultaneous switching of two band pairs. |
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## Open issues summary

**Issue 1-1: DL interruption length when one downlink carrier is indicated to be interrupted by two band pairs for dynamic switching simultaneously**

* Proposals
  + Option 1(Huawei): If one downlink carrier is indicated to be interrupted by two band pairs for dynamic switching simultaneously, the DL interruption length and location on the victim carrier is determined by the maximum of uplink switching periods of the two band pairs.
  + Option 2(Nokia): Wait for RF agreement on the length of switching time for simultaneous switching of two band pairs
* Recommended WF

Wait for RF agreement and revise the CR accordingly (if needed)