**3GPP TSG-RAN WG4 Meeting # 102-e R4-220xxxx**

**Electronic Meeting, February 21 – March 3, 2022**

**Agenda item:** 10.8.1&10.8.2

**Source:** CMCC

**Title:** WF on RRM for FR1 HST

**Document for:** Approval

# Introduction

This is the WF to capture all agreements and open issues in [102-e][211] NR\_HST\_FR1\_enh\_RRM\_1 for RAN4#102- e meeting.

# Topic #3: other

## Sub-topic 3-1: L1-SINR

**Issue 3-1-1: how to specify the L1-SINR requirements for high speed scenario**

**Agreements in 1st round**

* For L1-SINR for FR1 HST
  + The existing measurement delay requirements for L1-SINR is reused
  + The existing accuracy requirements for L1-SINR is reused
    - Whether and how to define applicability of side condition for the L1-SINR accuracy requirements can be further discussed and concluded in the perf. phase
      * Option 1: the upper bound of the side condition for L1-SINR accuracy is 5dB
      * Option 2: no upper bound of side condition for L1-SINR accuracy

## Sub-topic 3-2: release independent

**Issue 3-2-1: release independent**

**Agreements in 1st round**

* For Rel-17 FR1 HST RRM enhancement, including CA enhancement and inter-frequency measurement enhancement, is release independent from Rel-16.

# Reference

R4-2103678 WF on RRM for NR HST, RAN4#98-e

R4-2105793 WF on RRM for NR HST, RAN4#98-e-bis

R4-2108341 WF on RRM for NR HST, RAN4#99-e

R4-2115439 WF on RRM for FR1 HST, RAN4#100-e

R4-2120285 WF on RRM for FR1 HST, RAN4#101-e

R4-2202590 WF on RRM for FR1 HST, RAN4#101-bis-e