**3GPP TSG-RAN WG4 Meeting #102-eR4-220xxxx**

Electronic Meeting, Feb 21 – Mar 3, 2022

**Title:** **WF on other RRM requirements for FeMIMO**

**Source:** **Huawei, HiSilicon**

**Agenda item: 10.19.3**

**Document for: Approval**

# Introduction

This contribution is to capture the agreements for the email discussion for Rel-17 FeMIMO RRM in RAN4 #102-e meeting.

# Way-forward

## Issue: Requirement for TRP specific Beam Failure Recovery

* Agreements
  + RRM requirements for TRP-specific BFR should be specified for FR1 in R17 and do not introduce sharing factor PTRP in FR1;
  + Introduce PTRP = 2 in FR2 for overlapping resources for equal sharing between BFD/ CBD resources (SSB and CSI-RS) between the 2 TRPs.

## Issue: QCL definition

* Agreements
  + In R17, UL TCIs are only applicable to UL signals/channels, and UL RSs cannot be used as source RSs of DL TCIs or joint TCIs.
  + In Rel-17, DL TCI chain and UL TCI chain need to be defined for deriving the QCL information of PDCCH/PDSCH and PUCCH/PUSCH respectively.
  + In Rel-17, SRS can be part of a TCI chain when the TCI chain is used for deriving the QCL information of PUCCH/PUSCH.