

Prepared (also subject responsible if other) Marimuthu & Mahendra Prabhu M		No.		
Approved	Checked	Date 15-05-2020	Rev Ver1.0	Reference

MOP for RF Unit RX Channel RTWP/RSSI Unbalanced on Huawei Site

Alarm Description:

This alarm is due to when the difference between the RTWP/RSSI of the main RX channel and the RTWP/RSSI of the diversity RX channel exceeds a specified threshold.

Possible Causes:

- Fault in RRU hardware.
- Fault in jumper cable connected to RRU.
- Jumper cable or RRU is not installed properly.

Alarm Location:

Identify the subrack number of the alarm using the location information.

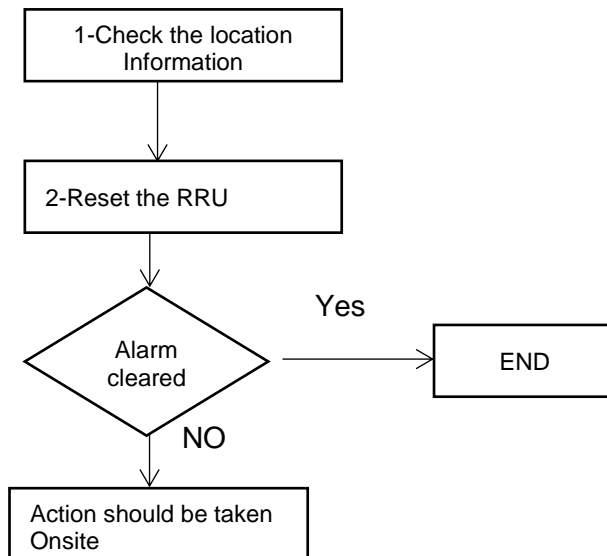
Name	Location Information
RF Unit RX Channel RTWP/RSSI Unbalanced	Cabinet No.=0, Subrack No.=72, Slot No.=0

Pre-processing:

Check for any correlated alarms. If yes, clear those alarms.

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Remote Process:



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1-Check the location Information

- Cabinet No.=0, Subrack No.=72, Slot No.=0

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RF Unit RX Channel RTWP/RSSI Unbalanced	Cabinet No.=0, Subrack No.=72, Slot No.=0

2-Reset the RRU

- Open the MML cmd tab
- Run the command **RST BRD**
Cabinet No.=0, Subrack No.=72, Slot No.=0
CMD: RST BRD:CN=0,SRN=72,SN=0;

Command Editor

☒ Show Parameter Panel

☆ RST BRD

Run

* Cabinet No. 0

* Subrack No. 72

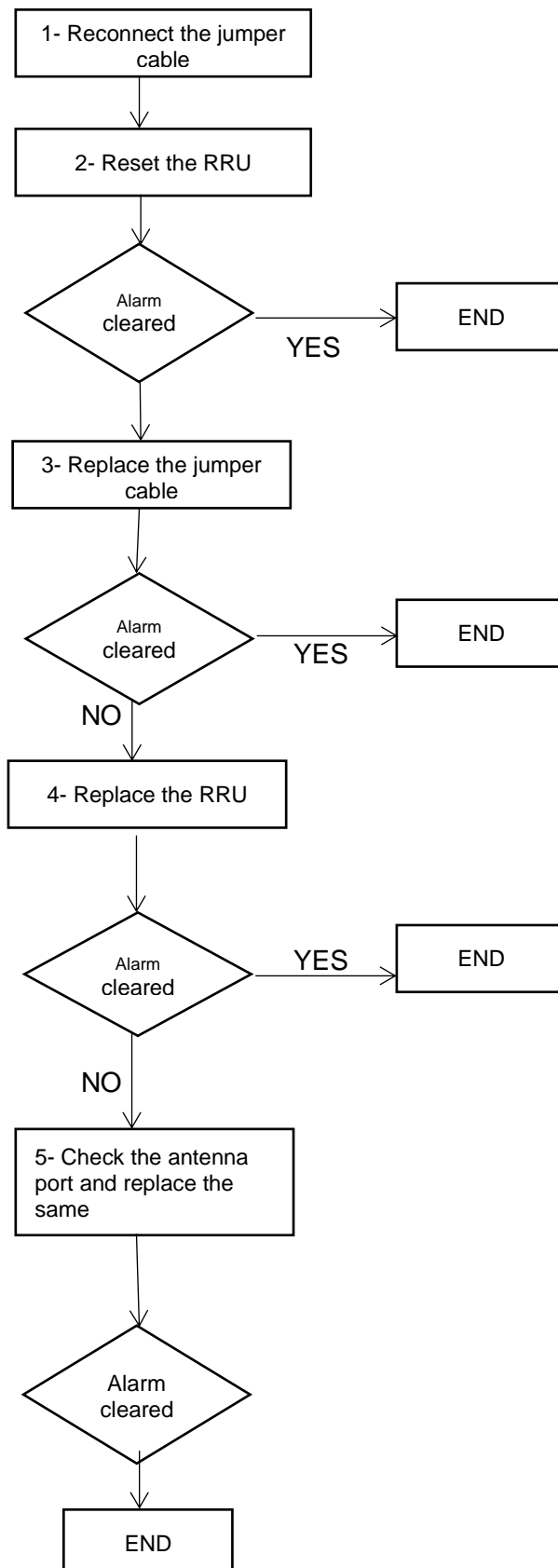
* Slot No. 0

Forced Reset Flag NO (NO)

Pop

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Onsite Process:



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1- Reconnect the jumper cable

- Check the connection between RRU to Antenna.
- Reconnect the jumper cable properly.
- Swap the jumper cable for different sectors.

2-Reset the RRU

- Hard reset (PWR Off & ON) it.

3- Replace the jumper cable

- Remove the fault jumper cable and connect the new jumper cable between RRU to Antenna.

4- Replace the RRU

- Disconnect the power cable from the RRU.
- Remove all the connected cables from RRU.
- Replace the new RRU and connect the cables.

5- Check the antenna port and replace the same

- If possible, change the antenna port.
- Else replace the antenna.