



EUROPEAN
SPALLATION
SOURCE



ROHDE&SCHWARZ NRP8SN

PowerMeter Note

20200111WANG

1.Continuous

Start:

1. “Continuous” → open the Continuous measurement GUI;
2. “Continuous ON” → make preparation for continuous mode;
3. Load the design parameter into power sensor;
4. “Measure ON/OFF” → select the periodically scanned to start the measurement;

Stop:

1. “Measure ON/OFF” → select the Passive to stop the measurement;
2. “Continuous OFF” → close the continuous mode;
3. “Back” → back to the power sensor main GUI;

2.Trace

Start:

1. "Trace" → open the trace measurement GUI;
2. "Trace ON" → make preparation for trace mode;
3. "DBM"/"Watts" → which unit you need to show;
4. Load the design parameter into the power sensor;
5. "Measure ON" → select the periodically scanned to start the measurement;

Stop:

1. "Measure OFF" → select the Passive to stop the measurement;
2. "Trace OFF" → close the trace mode;
3. "Back" → back to the power sensor main GUI;

Trigger Source: Internal

1. "Measure OFF" → stop the measurement;
2. "Trigger Source" → select the internal source;
3. "Trigger Level" → modify the trigger level;
4. "Measure ON" → start the measurement;
5. *Trigger Level: -40dbm ~ +23dbm

Trigger Source: External2

1. "Measure OFF" → stop the measurement;
2. Modify the Pulse Amplitude in Waveform Generator;
3. **Power sensor trigger I/O input range:3~5 voltage;
4. "Measure ON" → start the measurement after the power sensor LED turns to be green;