

# ROHDE&SCHWARZ NRP8SN PowerMeter—Note

## 1. Continuous Mode:

### Start Measurement:

1. “Continuous Mode” —> enter into the continuous mode OPI file;
2. “Continuous ON” —> load the parameter in power sensor;
3. “Measure ON” —> start measurement.

### Stop Measurement:

1. “Measure OFF” —> stop measurement;
  2. “Continuous OFF” —> close the continuous mode;
  3. “Back” —> return to the main GUI OPI file.
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## 2. Trace Mode:

### Start Measurement:

1. “Trace Mode” —> enter into the trace mode OPI file;
2. “Trace ON” —> load the parameter in power sensor;
3. “DBM/Watts” —> select which trace display;
4. Parameter setting —> trace time, trace points...
5. “Measure ON” —> start measurement;

### Stop Measurement:

1. “Measure OFF” —> stop measurement;
2. “Trace OFF” —> close the trace mode;
3. “Back” —> return to the main GUI OPI file.

### \*\*\* Trace mode—> Trigger Source \*\*\*[ Internal ]

1. “Measure OFF” —> stop measurement;
2. “Trigger Source” —> select the internal;
3. “Trigger Level” —> change the trigger level to meet the trigger conditions;
4. “Measure ON” —> start measurement.

\*\*\* **Trace mode—> Trigger Source** \*\*\*[ External2 ]

1. **“Measure OFF”** —> stop measurement;
2. Adjust the “Waveform Generator—>Pulse—>Amplitude” to meet the External2 trigger condition[ the Amplitude value should be more than 3 Vpp] after that the LED of Power Sensor should be green.

Power Sensor trigger I/O input range 3V~5V

3. **“Measure ON”** —> start measurement.