

Example: SENS:TYPE?
queries the type of sensor connected to the POWER SENSOR connector.
Response: NRP-Z21
the R&S NRP-Z21 sensor is used.

Usage: Query only

Manual operation: See "[Current Sensors](#)" on page 102

:SENSe<ch>[:POWer]:ZERO

The command activates the autozero function. Zeroing is required in regular interval (at least once a day) and if the temperature has varied more than about 5 °C, if the sensor has been replaced or if measurements of signals with very low power are to be performed. The RF power source must be switched off or disconnected from the sensor before starting the autozero function.

Example: SENS:ZERO
activates autozero function.

Usage: Event

Manual operation: See "[Zero - Power Sensors](#)" on page 158

:SENSe<ch>:UNIT[:POWer] <Power>

The command selects the unit used for result query with command READ. The power sensor provides the measured value in Watt. In which unit the measured value is returned is selected here and might be either Watt, dBm or dBuV.

Parameters:

<Power> DBM | DBUV | WATT

*RST: DBM

Example: SENS2:UNIT DBM
selects unit dBm for the measured value returned by command
READ.
READ2?
Response: 7.34
7.34 dBm are measured by sensor 2.

Manual operation: See "[Unit](#)" on page 174

6.13 SOURce Subsystem

The SOURce subsystem contains the commands for configuring the digital and analog signals.