:CALibration<hw>:LEVel:EXTern:DATA <Data>

Queries what data has been used for the level calibration.

By default the instrument uses correction data obtained in the factory before delivery. In addition, customer data can be used for external level correction. The customer data is obtained using a R&S NRP power sensor. External level correction is a protected function (see service manual, chapter 2, "Adjustment").

Parameters:

<Data> FACTory | CUSTomer

*RST: FACTory

Example: `CAL:LEV:EXT:DATA FACT`
selects the use of the data aquired at the factory for external level correction.

Manual operation: See "Adjustment Data" on page 152

:CALibration:ROSCillator[:DATA] <Data>

Sets the calibration value for the custom defined external adjustment.

Parameters:

<Data> integer

Range: 0 to INT_MAX
*RST: 0

[:SOURce]:CALibration:STEReo:ANALog[:MEAS]?

The command starts all adjustments which affect the analog channels of the stereo coder option.

Return values:

<Meas> 0 | 1

Example: `CAL:STER:ANAL?`
starts the adjustments for analog channels of the stereo coder.
`Response: 0`
the adjustments have been performed successfully.

Usage: Query only

Options: R&S SMB-B5

Manual operation: See "Adjust Stereo Coder" on page 496

6.5 DIAGnostic Subsystem

The `DIAGnostic` system contains the commands used for instrument diagnosis and servicing. SCPI does not define any DIAGnostic commands; the commands listed here

are all device-specific. All `DIAGnostic` commands are query commands which are not influenced by `*RST`.

:DIAGnostic<hw>:BGINfo? [<Board>]

Checks the modules available in the instrument using the variant and revision state.

If the command is sent without parameters being specified, a complete list of all modules is returned (the various entries are separated by commas). The length of the list is variable and depends on the instrument equipment configuration.

If the command is sent with parameters, a list of the specified modules is returned (the various entries are separated by commas). A list of modules names can be called up using the command `:DIAGnostic<hw>:BGINfo:CATalog?` on page 293.

Query parameters:

<Board> string

Return values:

<BgInfo> < Module name> <Module stock number incl. variant> <Module revision> <Module serial number>

Each entry for one module consists of four parts which are separated by space characters.

Example: `DIAG:BGIN`
Queries the instrument configuration.
Returns the data of all available modules.
`DIAG:BGIN? 'MBRD'`
Queries the configuration of the motherboard.
`Response: MBRD 1141.3501.02 1.5.3 100023`
Module motherboard with part number 1141.3501.01 has revision 1.5.3 and serial number 100023.

Usage: Query only

Manual operation: See "Assembly" on page 98

:DIAGnostic<hw>:BGINfo:CATalog?

Queries the names of the assemblies available in the instrument.

Return values:

<Catalog> string

A complete list of all assemblies is returned (the various entries are separated by commas). The length of the list is variable and depends on the instrument equipment configuration.

Example: `DIAG:BGIN:CAT`
Queries the names of the assemblies.