To maintain security, password settings and all settings protected by these passwords like disabled USB and LAN connections are not changed.

Not affected by the "Factory Preset" are also user data, lists or instrument settings files, created for example by means of the Save/Recall function.

Example:	`SYST:FPR`
	All instrument settings (also the settings that are not currently active) are reset to the factory values.

Usage:	Event

Manual operation:	See "Factory Preset" on page 122

6.4 CALibration Subsystem

The `CALibration` system contains the commands for performing internal adjustment. Adjustment is triggered by the query commands.

Understanding the query reponse

- `0`: error-free execution of teh adjustements
- `1`: indicates that an error ocurred, the process has been canceled.

Suffix <hw>

Suffix	Value range	Description
`CALibration<hw>`	[1]	Optional suffix

:CALibration:ALL[:MEASure]? [<Force>]

Starts all internal adjustments that do not require external measurement equipment.

Query parameters:
<Force>   string

Return values:
<Measure>   0 | 1 | OFF | ON

Example:	`CAL:ALL:MEAS?`
	`// Response "0"`
	`// Adjustment has been performed successfully`

Usage:	Query only

Manual operation:　　See "Adjust All" on page 495

:CALibration\<hw\>:FMOFfset[:MEASure]?

Starts all adjustment for the FM/PhiM modulator.

Return values:

\<Measure\>　　　　　　　0 | 1

Example:　　　　　　`CAL:FMOF?`
　　　　　　　　　　　starts the adjustments for the FM/Phim modulator.
　　　　　　　　　　　Response: "0"
　　　　　　　　　　　the adjustments have been performed successfully

Usage:　　　　　　　Query only

Manual operation:　　See "Adjust FM Offset" on page 210

:CALibration\<hw\>:FREQuency[:MEASure]?

Starts all adjustments which affect the frequency.

Return values:

\<Measure\>　　　　　　　0 | 1

Example:　　　　　　`CAL:FREQ:MEAS?`
　　　　　　　　　　　starts the adjustments for maximum frequency accuracy.
　　　　　　　　　　　Response: "0"
　　　　　　　　　　　the adjustments have been performed successfully.

Usage:　　　　　　　Query only

Manual operation:　　See "Adjust Synthesis" on page 495

:CALibration\<hw\>:LEVel[:MEASure]? [\<Force\>]

Starts all adjustments which affect the level.

The acquired correction values improve the settling time and the signal quality.

Query parameters:

\<Force\>　　　　　　　　string
　　　　　　　　　　　*RST:　　　　force

Return values:

\<Measure\>　　　　　　　0 | 1

Example:　　　　　　`CAL:LEV:MEAS?`
　　　　　　　　　　　starts adjustments for maximum level accuracy.
　　　　　　　　　　　Response: `"0"`
　　　　　　　　　　　adjustment has been performed successfully.

Usage:　　　　　　　Query only

Manual operation:　　See "Adjust Level" on page 495