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[\[SENSe<Ch>:\]CORRection:COLLect:FIXTure\[:ACQuire\]](#) <StandardType>, <TestPort1>, <TestPort2>...

Starts a fixture compensation sweep in order to acquire measurement data for a test fixture that has its inner conductor terminated with the selected standards.

Suffix:

<Ch> Channel number of the corrected channel

Setting parameters:

<StandardType> OPEN | SHORT
Terminating standard type: open or short.

<TestPort1>

<TestPort2> Test port numbers. For a fixture compensation, n arbitrary (not necessarily consecutive) port numbers must be specified.

*RST: -

Example:

```
*RST; CORR:COLL:FIXT:LMP:LOSS OFF
```

Configure a fixture compensation measurement (for all channels):

The analyzer performs an Auto Length (no loss) calculation.

```
CORR:COLL:FIXT:ACQ OPEN, 2; :CORR:COLL:FIXT:ACQ
SHOR, 4
```

Perform a fixture compensation sweep at port 2, terminated with an open standard, and at port 4, terminated with a short.

```
CORR:COLL:FIXT:SAVE
```

Save and apply the compensation data.

```
CORR:COLL:FIXT:STAR
```

Prepare a new fixture compensation measurement, deleting the previous data for channel 1.

```
CORR:COLL:FIXT:LMP OFF
```

Select a Direct Compensation measurement (for all channels and traces).

```
CORR:COLL:FIXT:ACQ SHOR, 1, 3
```

Perform a fixture compensation sweep at ports 1 and 3, terminated with a short standard.

```
CALC2:PAR:SDEF 'Trc2', 'S22'
```

Create channel no. 2 with a trace named Trc2.

```
SENS2:CORR:COLL:FIXT:STAR
```

Prepare a fixture compensation measurement for channel 2. The channel 1 data is not affected.

```
SENS2:CORR:COLL:FIXT:ACQ SHOR, 1, 3
```

Repeat the previous fixture compensation sweep for channel 2.

```
SENS1:CORR:COLL:FIXT:SAVE;
```

```
:SENS2:CORR:COLL:FIXT:SAVE
```

Save and apply the compensation data for both channels.

SENS1:CORR:OFFS3:DFC?; :SENS2:CORR:OFFS3:DFC?

Query whether the analyzer uses Direct Compensation results at port 3. The response is 1;1 (true for both channels).

Usage:

Setting only

Manual operation:

See "[Fixture Compensation](#)"

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