

Agilent E5070B/E5071B ENA Series RF Network Analyzers

Copy Calibration Data to Another Measurement Channel

Second Edition



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Sample Program

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Copy Calibration Data to Another Measurement Channel

Overview

This program enables you to copy calibration data to another channel. The other parameters are not copied. This program is a beneficial when you would like to evaluate a device with more than two measurement channels. By using this sample program, you don't have to perform calibration many times because you can copy calibration data. This means that you can measure a device with the same calibration data and get the same results from each channel.

NOTE: You can not edit the source code of this program. The VBA program is protected.

How to run the program

- Step1. Press the **[Macro Setup]** hardkey on the front panel.
- Step2. Press the **{Load Project}** softkey and load the "Copy_CAL.vba".
- Step3. Press the **[Macro Run]** hardkey on the front panel.
The dialog box shown in Figure1 will appear.
- Step4. Select the source channel and target channel.
- Step5. Press the "Copy ->" button.

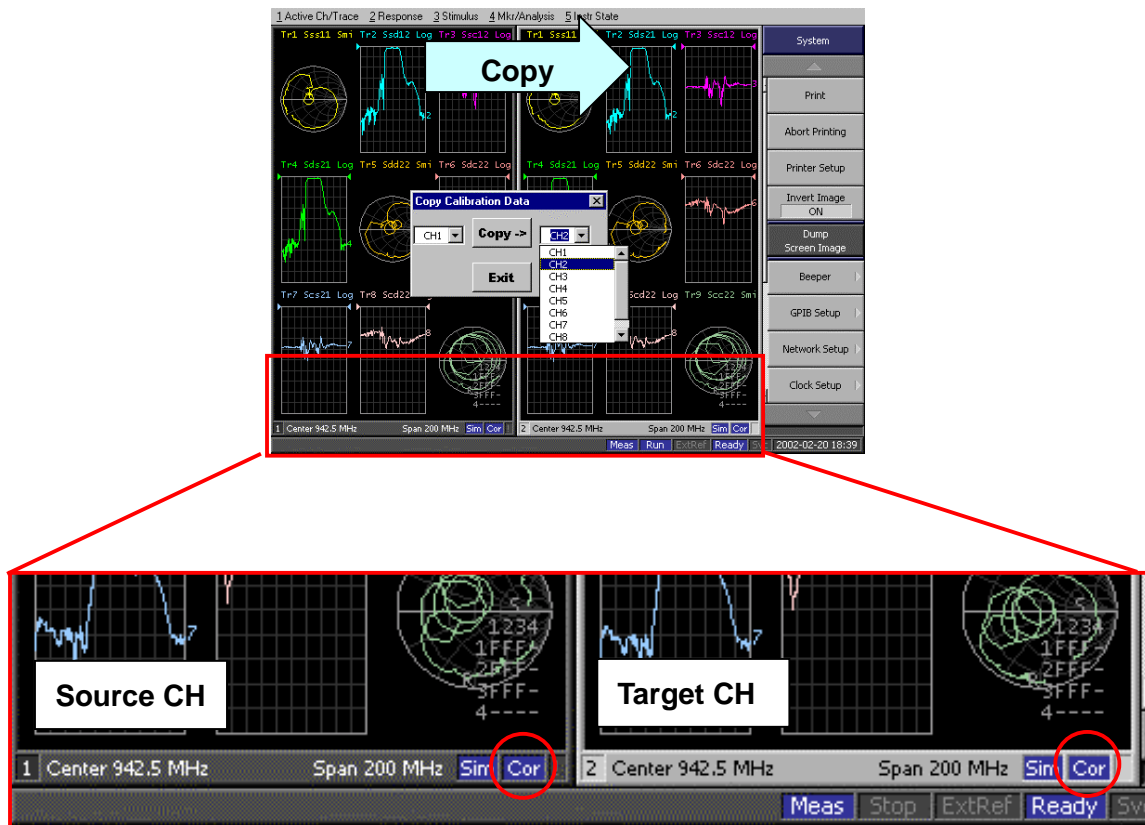


Figure1. Copying calibration data from CH1 to CH2

NOTE1: This program copies calibration data only. Users must do stimulus settings on the target channel.

NOTE2: After copying the calibration data, check the error correction status. "Cor" must be displayed.

Error Calibration Status

Displays the execution status of error correction on the channel.

Cor (displayed in blue)	Error correction: ON (valid for all traces)
Cor (displayed in gray)	Error correction: ON (valid for parts of traces)
Off (displayed in gray)	Error correction: OFF
--- (displayed in gray)	Error correction: ON (calibration data not available)
C? (displayed in blue)	Error correction: ON (Interpolation is being used , or one or more of the following parameters does not match that of the calibration: IF bandwidth, power level, power range, sweep time, sweep delay, or sweep mode (step/swept), or sweep type (linear/segment).)
C! (displayed in blue)	Error correction: ON (Extrapolation is being used.)