Agilent ENA Series RF Network Analyzers

Save/Recall Calibration Kit Definitions

Second Edition

Agilent Technologies

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Sample Program

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Calibration Kit Definition Save/Recall Macro

This document describes how to use the calibration kit definition save/recall macro (SavRecCalKit.vba for ENA/SavRecCalkit_ENAL.vba for ENA-L).

Operating procedure

1. Starting macro

Load the VBA project for the calibration kit definition save/recall macro and run it.
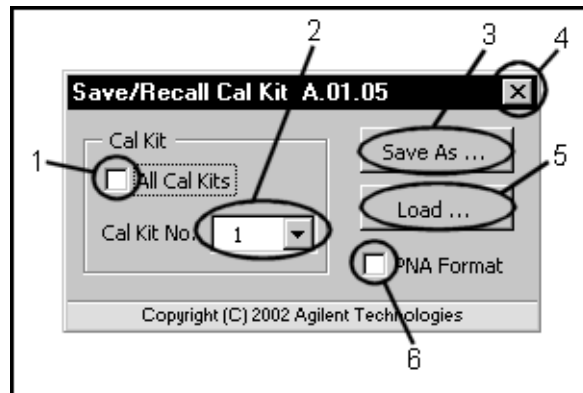
Step 1. Press **[Macro Setup]**.

Step 2. Press **Load Project**.

Step 3. The Open dialog box appears. Specify SavRecCalKit.vba or SaveRecCalkit_ENAL.vba and press the **Open** button.

Step 4. Press **[Macro Run]** to run the macro. (Refer to Figure 1.)

Figure 1   **Calibration kit definition save/recall macro**

e5070.ascj001

2. Specifying calibration kit

Specify a calibration kit(s) you want to save/recall.

When specifying all calibration kits

Check the box lying in the left to All Cal Kits (1 in Figure 1).

When specifying a calibration kit

Step 1. Uncheck the box lying in the left of All Cal Kits (1 in Figure 1).

Step 2. Select a calibration kit number whose calibration kit definition you want to save/recall (2 in Figure 1).

3. Executing save/recall

Execute save/recall.

Executing save

Step 1. Press the **Save As ...** button (3 in Figure 1).

Step 2. The Save As dialog box appears. Specify a file name and press the **Save** button.

Executing recall

Step 1. Select the type of a file you want to recall.

When recalling a file saved with this macro

Uncheck the box lying in the left of PNA Format (6 in Figure 1).

When recalling a file in PNA format or a file attached to a calibration kit

Check the box in the left of PNA Format (6 in Figure 1).

NOTE	When recalling a file in PNA format or a file attached to a calibration kit, target is the selected calibration kit (2 in Figure 1) regardless of the check mark to the left of All Cal Kits (1 in Figure 1).

Step 2. Press the **Load ...** button (5 in Figure 1).

Step 3. The Load dialog box appears. Specify a file name and press the **Open** button.

NOTE	If you specify a file in which only one calibration kit is saved when specifying recalling all calibration kits, it is recalled as the definition of calibration kit number 1 and then an error occurs. In this case, the definitions of calibration kit numbers 2 to 10 do not change.

NOTE	If you specify a file in which all calibration kits are saved when specifying recalling a calibration kit, the definition of calibration kit number 1 is recalled as the definition of the specified calibration kit. The data of calibration kit numbers 2 to 10 is ignored.

NOTE	You can recall files saved with an analyzer with a different number of ports. Note that recalling operation is not guaranteed for the file that might have been modified with an editor.

4. Closing macro

Press **[Entry Off]** or the ✕ button (4 in Figure 1).