Instructions

How to setup CalKit on the VNA using WinCal 3.0

Step 1: Start WinCal. The Window as shown in Figure 1 is displayed

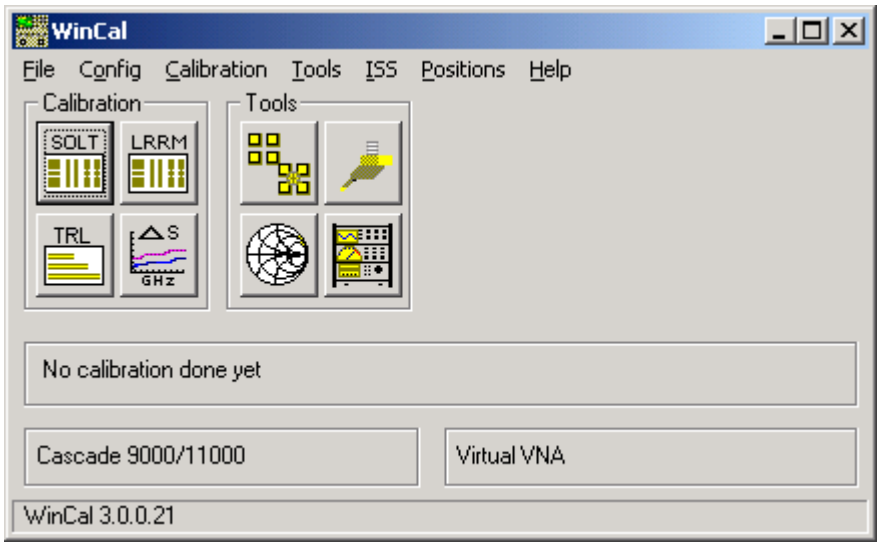


Figure 1

Step 2: On the Toolbar press Config, then Options… as shown in Figure 2

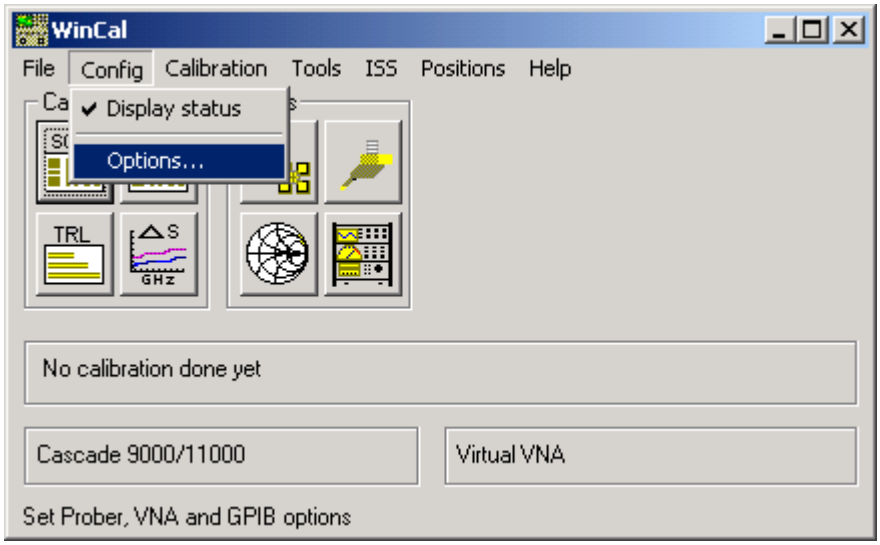


Figure 2

Step 3: The Window as shown in Figure 3 is now displayed. Select the vector network analyzer (VNA) that is being used and verify the correct GPIB address is shown. Press OK,

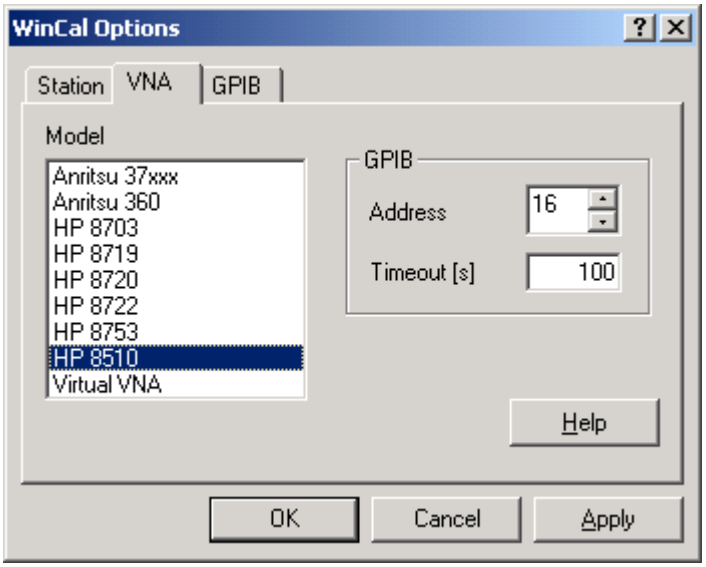


Figure 3

Step 4: Press the SOLT button as shown in Figure 4

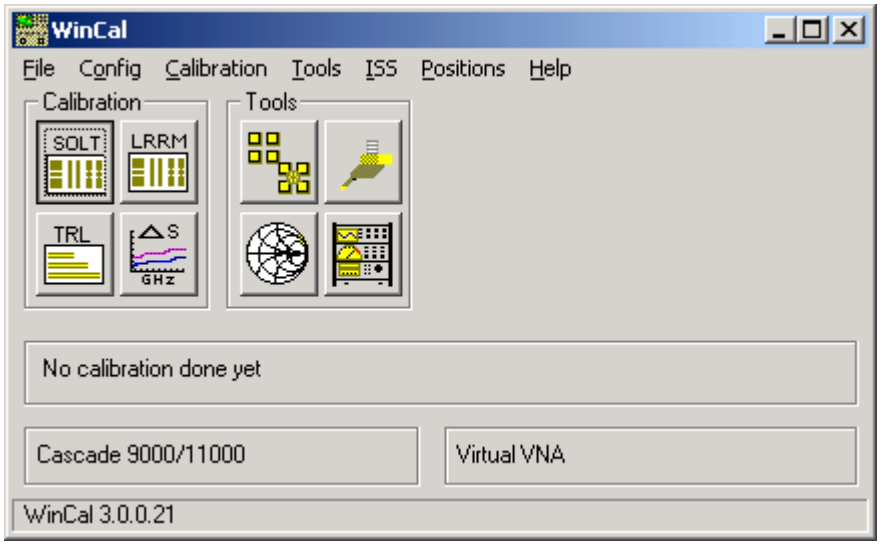


Figure 4

Step 5: Press the Cal Def button as shown in Figure 5

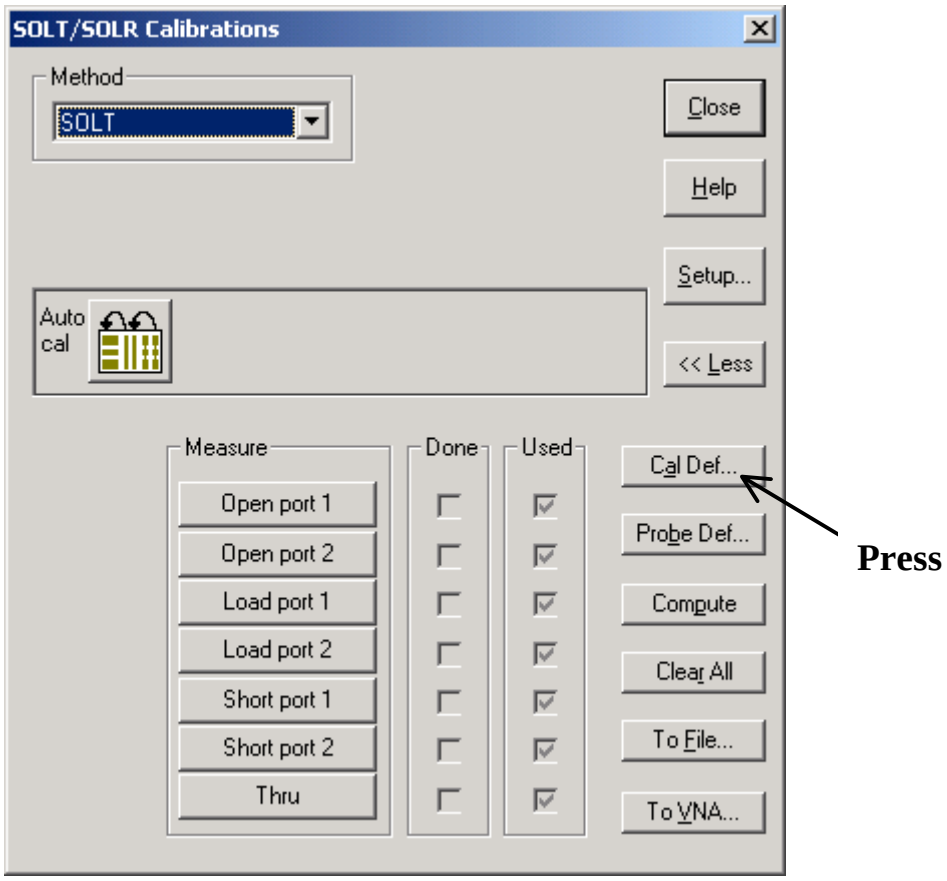


Figure 5

Step 6: Verify that the correct calibration definitions have been entered as shown in Figure 6. The correct Thru delay for selected Cascade Impedance Standard Substrates (ISS) is shown in Figure 7. Press OK.

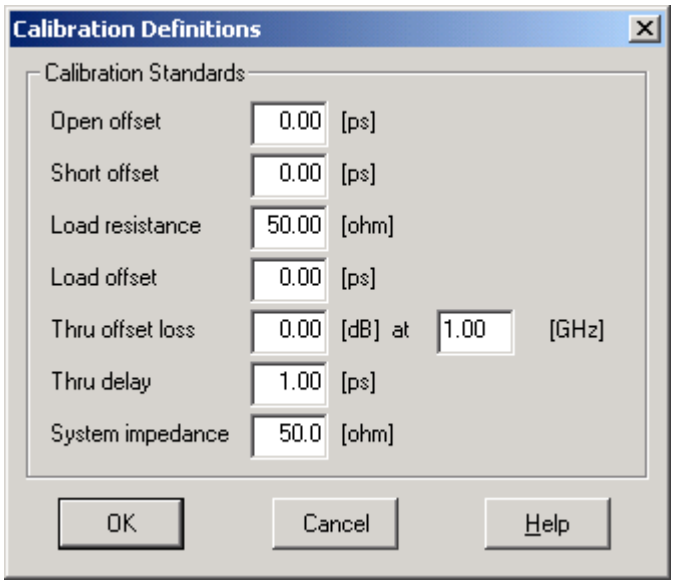


Figure 6

ISS p/n	Thru delay (ps)
101-190	1
103-726	1
106-682	4
106-683	4

Figure 7

Step 7: Press the Probe Def button as shown in Figure 8

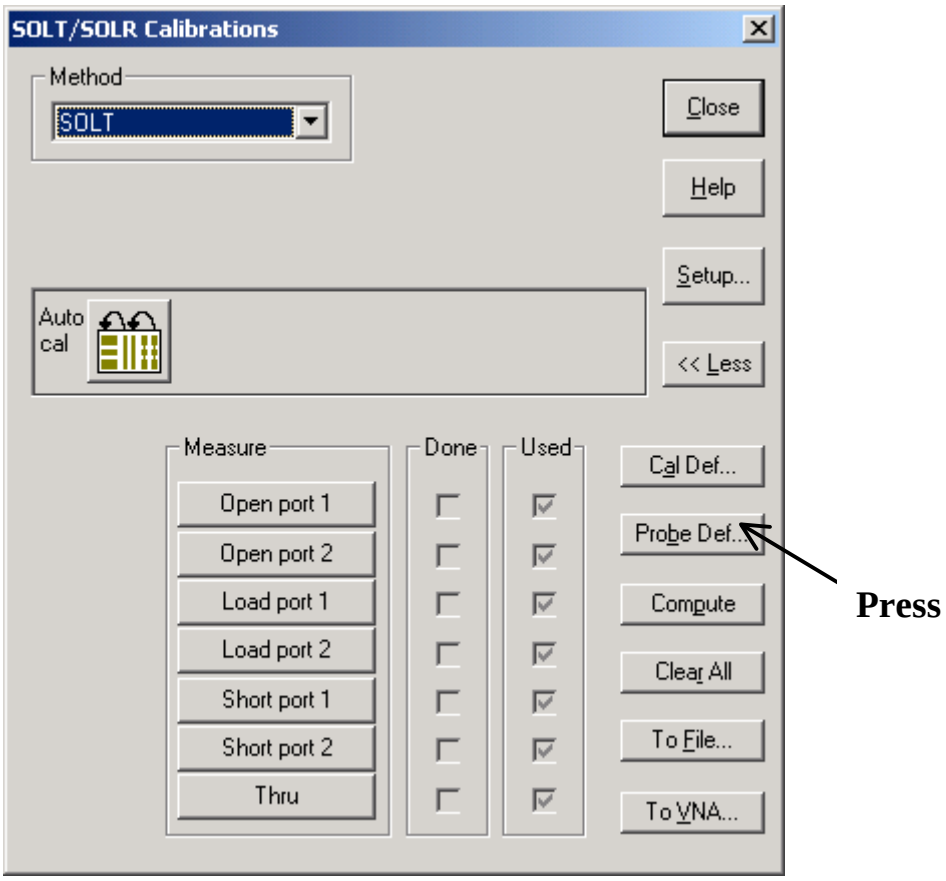


Figure 8

Step 8: i) Select Cascade Probe Type on Port 1 and 2 ii) Enter the probe pitch. The correct Cal coefficients will be displayed iii) Press To VNA. This will setup the CalKit in the VNA and store it in the User Kit

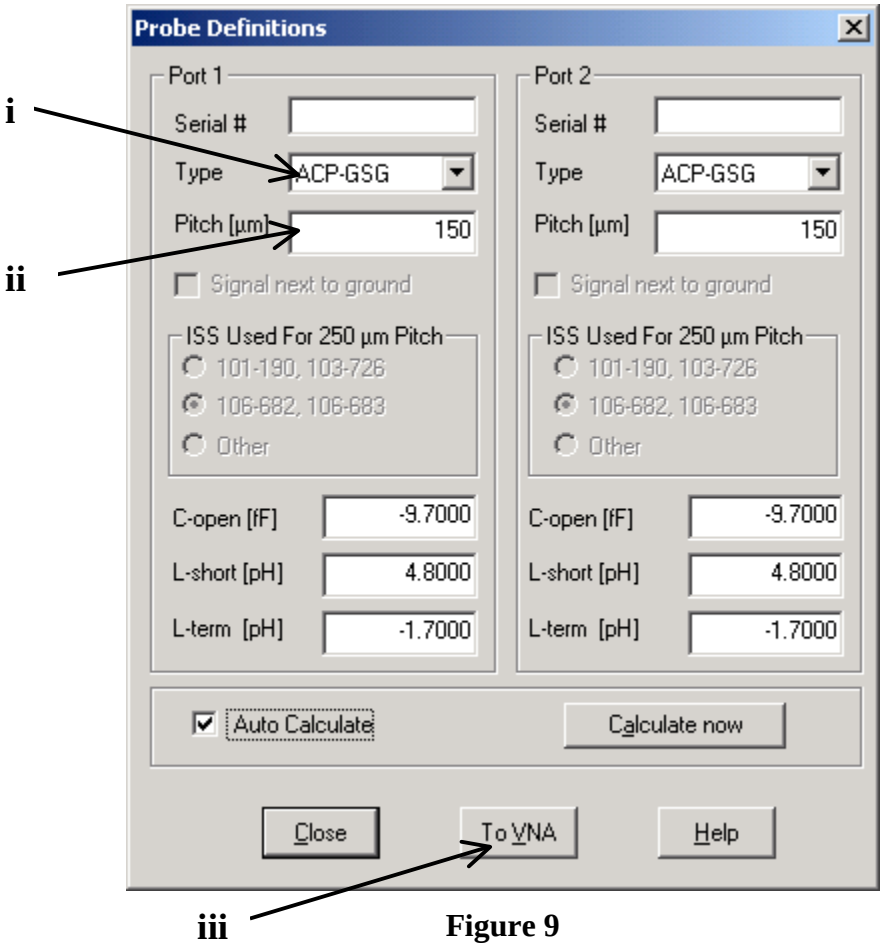


Figure 9