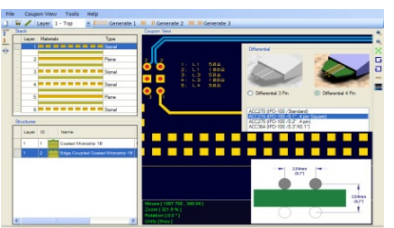
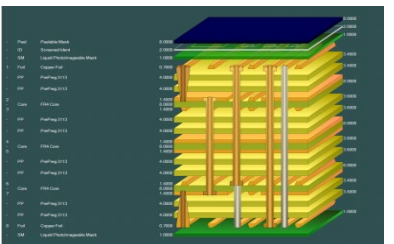
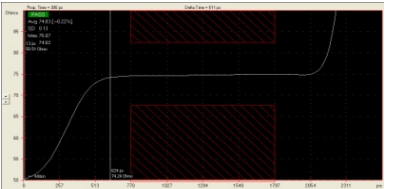
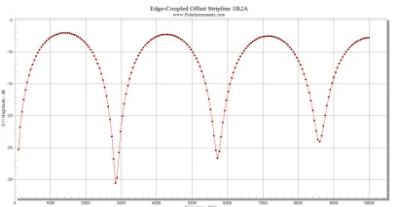
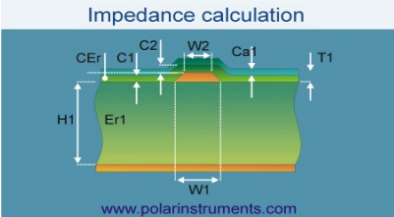


CITS880s Setup Wizard

Easy first time setup impedance test for new users



Max-Min.snap - Polar CITS880s Controlled Impedance Test System

File Board Datalog Waveform View Utilities Help

Prop. Time = 0.52 ns Delta Time = 1.03 ns Distance = 4.02 in

Ohms Avg 48.74 [-2.51%] 3.28 in 48.91 Ohms

SD 0.23

Max 49.22

Min 48.47

Max-Min 0.76

PASS

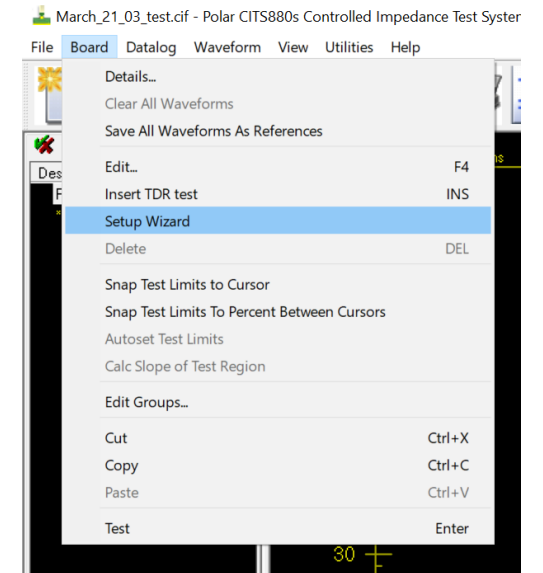
7.30 in 49.46 Ohms

Description	Layer	Nomin...	Average	Max Ohms	Min Oh...	Max-Min	Method	Odd Mode	Even Mo...	Unbalanc...	Comp Stat	Inrt.Tol.En	LPE2ZNom.	LPE1At	LPE1ZNom.	LPE2At	LPE2I	Common	XTalk
✓ 100 Ohm Test		100.00	99.39	100.09	99.11	0.97	Abs	49.69	57.73	15.00%	0.00 in	No						28.86	0.000
✓ 75 Ohm Test		75.00	72.36	73.33	71.59	1.75	Abs				0.00 in	No							
✓ 50.00 Test		50.00	50.75	51.38	50.39	0.99	Abs				0.00 in	No							
✗ Differential		100.00	99.55	99.92	99.32	0.59	Abs	49.78	58.00	15.00%	0.00 in	No	50.00	3.00	50.00	7.00	99.73	29.00	0.000
✓ 100 Ohm Test		100.00	99.59	100.69	99.00	1.69	Abs	49.79	57.92	15.00%	0.00 in	No						28.96	0.000
✓ 75 Ohm Test		75.00	74.24	75.07	73.74	1.33	Abs				0.00 in	No							
✓ 50.00 Test		50.00	48.74	49.22	48.47	0.76	Abs				0.00 in	No							
✓ Differential	L1	100.00	99.33	99.50	99.13	0.37	Abs	49.66	57.74	15.00%	0.00 in	No	100.00	3.00	100.00	7.00	99.38	28.87	0.000

Ready Test Step 3 of 4 4 Logged Item(s) CITS880s Sn1234

CITS880s Setup Wizard

- Follow three simple steps to set up your first impedance test:
- Start from the setup wizard icon or the board menu:



Step 1

- Connect probe and cable to the CITS880s

Setup Wizard Page 1

Locate Open at end of probe with the probe tip held in air

Single Ended
 Differential
 Groundless Differential

Ch1

Description: 50.00 Test
Impedance: 50.00 Ohms

Select Required Channel - then select 'Next' this will allow the position of the open circuit at the end of probe to be established

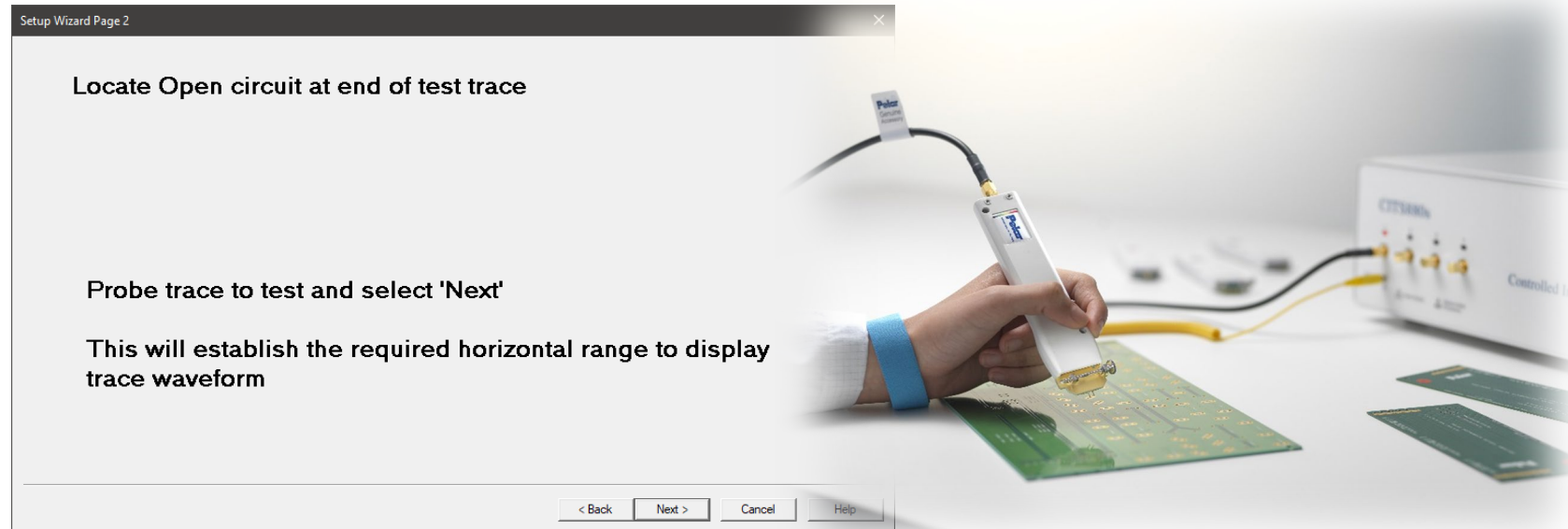
< Back Next > Cancel Help

- Press next (or the CITS foot pedal)
Not probing the coupon at this time...



Step 2

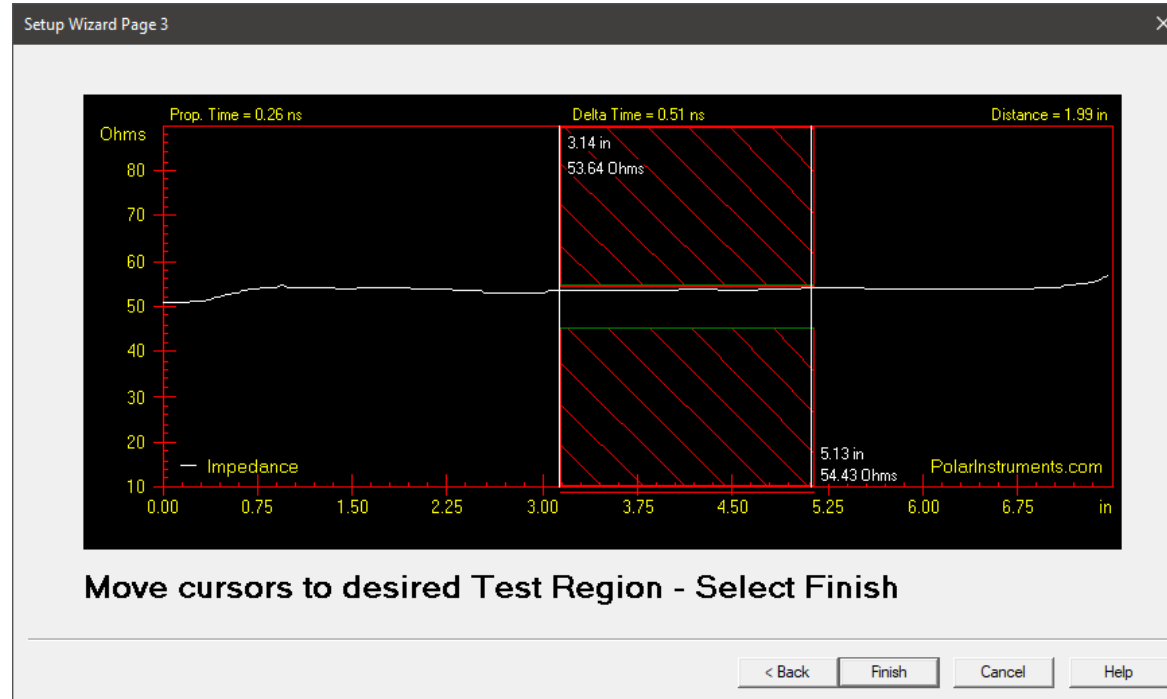
- Now place the probe on the test coupon test pads to let the CITS detect the trace:



- Ensure you have the ground pin of the probe aligned with the ground pad of the coupon before proceeding.

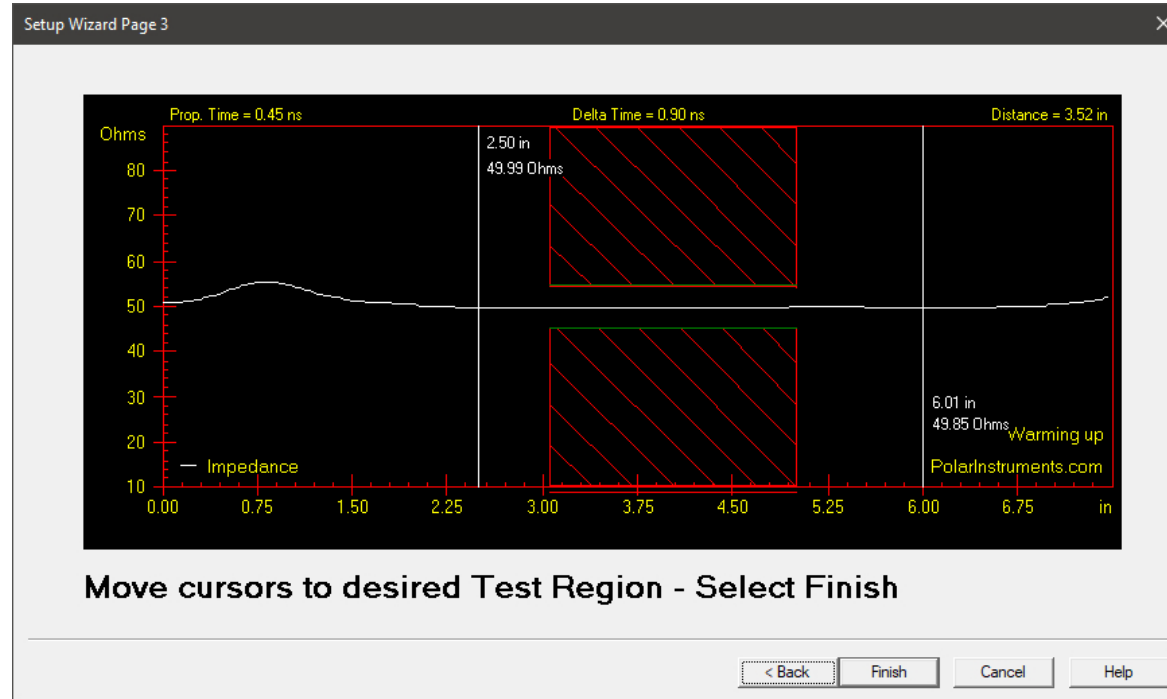
Step 3

- The CITS now prompts you to set the limits to the desired section of the coupon:



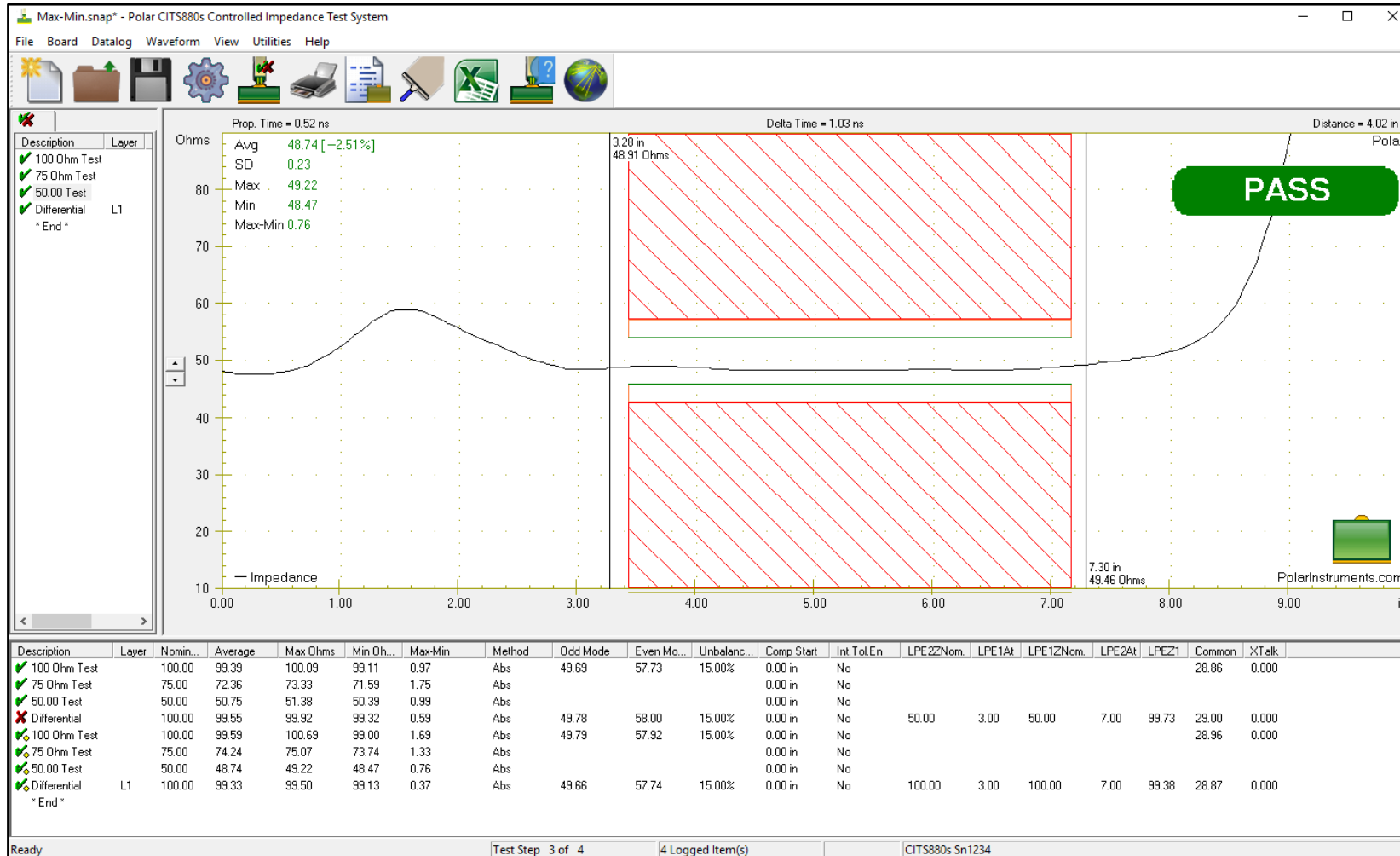
Step 3

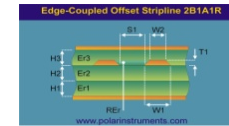
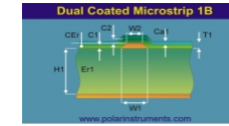
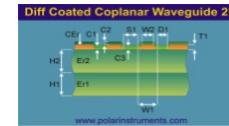
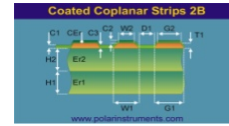
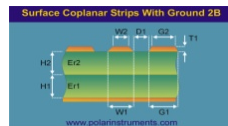
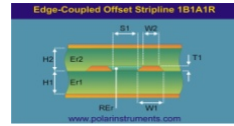
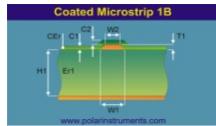
- The CITS now prompts you to set the limits to the desired section of the coupon:



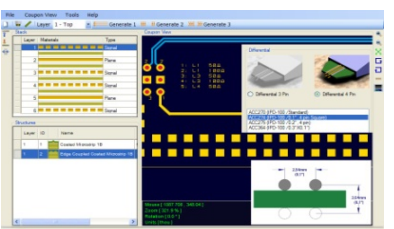
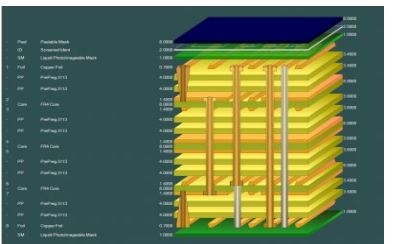
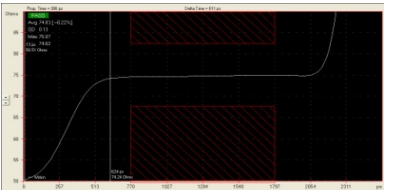
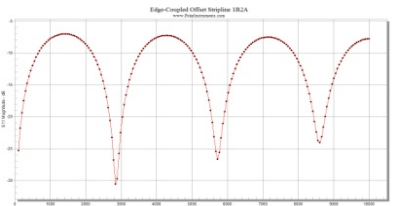
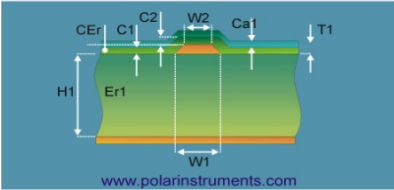
- Select “Finish”

Your first test is now set up...





Impedance calculation



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