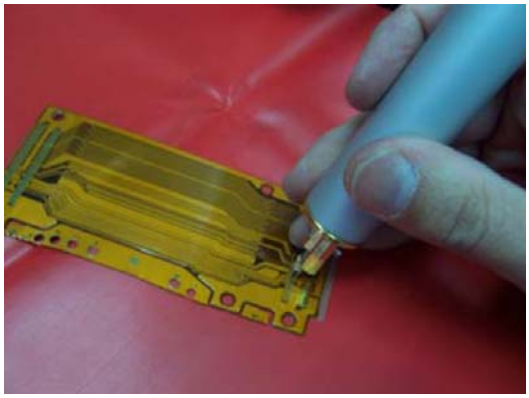
T1011A
12 GHz Single Ended TDR Probe Kit

Handy probe is easier for probing purpose from package level to PC Board. With high performance and stability features, T1011A single ended probe kit fulfills the testing needs for research and design.

- For high speed applications, more and more requests for single ended measurements are needed
- No active components inside, it acts as transmission line or passive device
- When TDR instrument generates test signal, measurement of the reflection portion through probe kit to calculate the impendence.
- With 2 probes utilized with Vector Network Analyzers (VNA) for differential signal testing.



LAB105 T1011A 12 GHz single ended TDR probe kit probing PCB and other devices (without connectors) directly to TDR/TDT module. Engineers can accurately characterize impedances in the time domain and frequency domain by TDR or Vector Network Analyzer. Calibration and de-skew can improve measurement accuracy.

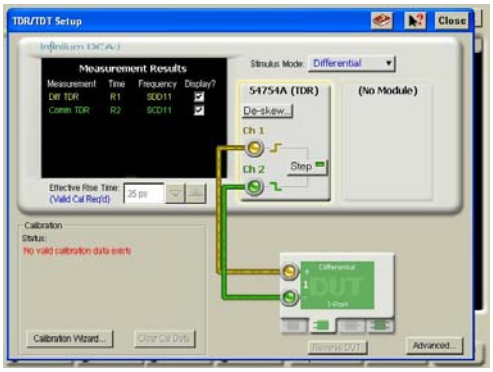
Key Characteristics/Features:

- Bandwidth 12 GHz
- 50 Ohm nominal single ended impedance
- Variable tip spacing: 1.5mm-3.5mm (opt. 0.5mm)
- Calibration to (for) tip end capability

Keysight's TDR/TDT solution 86100D Infiniium DCA-J Oscilloscope platform

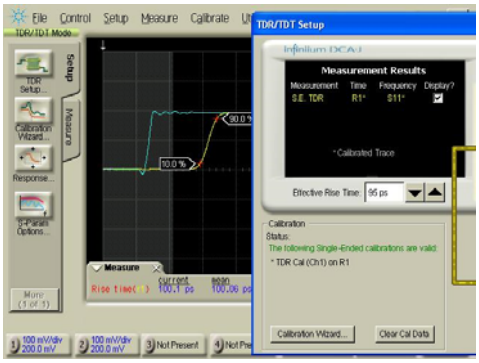
TDR calibration:

TDR calibration based on shorts and loads, this improves accuracy by de-embedding the cable losses between instrument and the DUT.

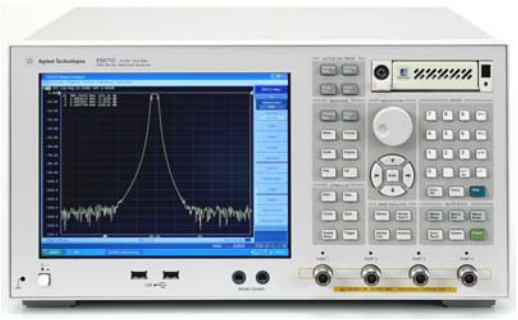


Variable rise time:

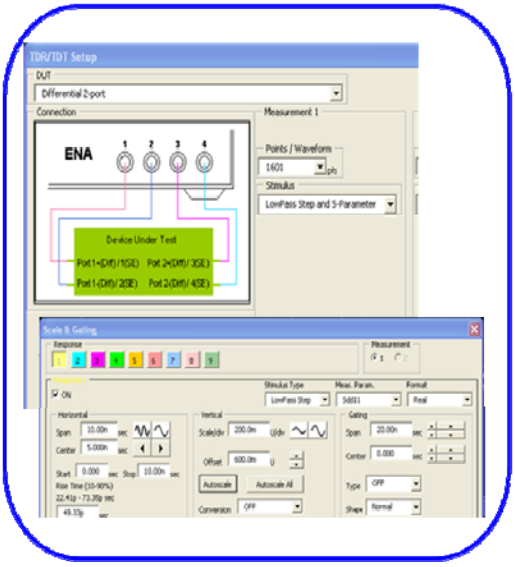
TDR calibration also allows users to mathematically decrease the effective rise time to less than 20 ps or increase it up to 1 ns in order to match the edge speeds of the target application.



Keysight 20GHz 4-port ENA-TDR solution



Keysight E5071C ENA-TDR Software



Product specifications and descriptions in this document subject to change without notice.

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