

Sweep control

Start 2M Cent 11MHz

Stop 20M Span 18MHz

7 25.50kHz/step

Sweep settings ...

Sweep

Stop

Markers

Marker 1 2MHz

Marker 2 13.549688MHz

Marker 3 4.5496MHz

☐ Enable Delta Marker

Show data

Locked

TDR

Estimated cable length: 0.711 m

Time Domain Reflectometry ...

Reference sweep

Set current as reference

Reset reference

Serial port control

Port odem4001 (H) Rescar

Disconnect

Manag

Files

Calibration ...

Marker 1

Frequency: 2.00000 MHz
Impedance: $2.7+j41.3\ \Omega$
Series R: $2.6977\ \Omega$
Series L: $3.2854\ \mu\text{H}$ Series C: $-1.9275\ \text{nF}$
Parallel L: $3.2994\ \mu\text{H}$
Parallel C: $-1.9193\ \text{nF}$
Quality factor: 15.3

Marker 2

Frequency: 13.5497 MHz
Impedance: $6.53+j316\ \Omega$
Series R: $6.5274\ \Omega$
Series L: $3.7164\ \mu\text{H}$ Series C: $-37.124\ \text{pF}$
Parallel L: $3.718\ \mu\text{H}$
Parallel C: $-37.109\ \text{pF}$
Quality factor: 48.47

Marker 3

Frequency: 4.54960 MHz
Impedance: $3.05+j94.9\ \Omega$
Series R: $3.0504\ \Omega$
Series L: $3.3188\ \mu\text{H}$ Series C: $-368.74\ \text{pF}$
Parallel L: $3.3222\ \mu\text{H}$
Parallel C: $-368.36\ \text{pF}$
Quality factor: 31.1

S11

Min VSWR: 31.193 @ 2.00000MHz
Return loss: -0.557 dB

S21

Min gain: -109.521 dB @ 2.12748MHz
Max gain: -71.534 dB @ 8.34850MHz

Analysis ...