

Sweep control

Start

50kHz

Centr

0.025MHz

Stop

20MHz

Span

9.95MHz

Segments

1

99.5kHz/step

Sweep settings ...

Sweep

Stop

Markers

Marker 1

12.02MHz

Marker 2

13.4165MHz

Marker 3

15.0125MHz

Enable Delta Marker

Show data

Locked

TDR

Estimated cable length: 1.029 m

Time Domain Reflectometry ...

Reference sweep

Set current as reference

Reset reference

Serial port control

Port

odem4001 (H)

Rescar

Disconnect

Managt

Files

Calibration ...

Display setup ...

About ...

Marker 1

Frequency: 12.0200 MHz

Impedance: 5.94+j268 Ω

Series R: 5.9429 Ω

Series L: 3.5525 μH

Series C: -49.351 pF

Parallel C: -49.327 pF

Quality factor: 45.15

S11 |Z|: 268.37 Ω

Marker 2

Frequency: 13.4165 MHz

Impedance: 6.96+j308 Ω

Series R: 6.9637 Ω

Series L: 3.6529 μH

Series C: -38.523 pF

Parallel C: -38.504 pF

Quality factor: 44.22

S11 |Z|: 308.01 Ω

Marker 3

Frequency: 15.0125 MHz

Impedance: 8.4+j357 Ω

Series R: 8.402 Ω

Series L: 3.788 μH

Series C: -29.671 pF

Parallel C: -29.654 pF

Quality factor: 42.53

S11 |Z|: 357.4 Ω

S11

Min VSWR: 20.092 @ 249.500kHz

Return loss: -0.865 dB

S21

Min gain: -102.561 dB @ 10.2245MHz

Max gain: -63.323 dB @ 50.0000kHz

Analysis ...