

Sweep control

Start50kHz

Centr1.025MHz

Stop20MHz

Span9.95MHz

Segments1

99.5kHz/step

Sweep settings ...

Sweep

Stop

Markers

Marker 150kHz

Marker 213.616MHz

Marker 320MHz

Enable Delta Marker

Hide data

Locked

TDR

Estimated cable length: 1.271 m

Time Domain Reflectometry ...

Reference sweep

Set current as reference

Reset reference

Serial port control

Portodem4001 (H)

Rescar

Disconnect

Manag

Files

Calibration ...

Display setup ...

About ...

Marker 1

Frequency: 50.0000 kHz

Impedance: 102m+j163m Ω

Series R: 101.9 mΩ

Series L: 517.79 nH

Series C: -19.568 μF

Parallel R: 361.58 mΩ

Parallel L: 720.97 nH

Parallel C: -14.053 μF

VSWR: 490.696

Return loss: -0.035 dB

Quality factor: 1.596

S11 Phase: 179.63°

S21 Phase: -121.62°

Marker 2

Frequency: 13.6160 MHz

Impedance: 479m+j33.6 Ω

Series R: 478.9 mΩ

Series L: 392.49 nH

Series C: -348.11 pF

Parallel R: 2.3548 kΩ

Parallel L: 392.57 nH

Parallel C: -348.04 pF

VSWR: 151.496

Return loss: -0.115 dB

Quality factor: 70.12

S11 Phase: 112.23°

S21 Phase: 179.48°

Marker 3

Frequency: 20.0000 MHz

Impedance: 653m+j50 Ω

Series R: 653.24 mΩ

Series L: 398.03 nH

Series C: -159.1 pF

Parallel R: 3.8304 kΩ

Parallel L: 398.09 nH

Parallel C: -159.07 pF

VSWR: 153.143

Return loss: -0.113 dB

Quality factor: 76.57

S11 Phase: 89.98°

S21 Phase: -141.20°

S11

Min VSWR: 31.641 @ 1.84550MHz

Return loss: -0.549 dB

S21

Min gain: -97.594 dB @ 16.2095MHz

Max gain: -72.768 dB @ 11.2220MHz

Analysis ...

