

Sweep control

Start  Centi   
Stop  Span   
 2.500kHz/step

Sweep settings ...

Sweep

Stop

Markers

Marker 1  ☐

Marker 2  ☒

Marker 3  ☐

☐ Enable Delta Marker

Show data

Locked

TDR

Estimated cable length: 53.14 m

Time Domain Reflectometry ...

Reference sweep

Set current as reference

Reset reference

Serial port control

Port

Disconnect

/anagiri

Files

Calibration ...

Display setup ...

About ...

Marker 1

Frequency: 50.0000 kHz  
Impedance:  $1.9+j50.7 \Omega$   
Series R: 1.9025  $\Omega$   
Series L: 161.29  $\mu\text{H}$

Series C: -62.819 nF  
Parallel C: -62.73 nF  
Quality factor: 26.63  
S11 |Z|: 50.707  $\Omega$

Marker 2

Frequency: 125.000 kHz  
Impedance:  $2.93+j126 \Omega$   
Series R: 2.931  $\Omega$   
Series L: 160.07  $\mu\text{H}$

Series C: -10.128 nF  
Parallel C: -10.122 nF  
Quality factor: 42.89  
S11 |Z|: 125.75  $\Omega$

Marker 3

Frequency: 300.000 kHz  
Impedance:  $7.35+j305 \Omega$   
Series R: 7.3451  $\Omega$   
Series L: 161.73  $\mu\text{H}$

Series C: -1.7403 nF  
Parallel C: -1.7392 nF  
Quality factor: 41.5  
S11 |Z|: 304.94  $\Omega$

S11

Min VSWR: 53.292 @ 50.0000kHz  
Return loss: -0.326 dB

S21

Min gain: -100.565 dB @ 250.000kHz  
Max gain: -63.187 dB @ 55.0000kHz

Analysis ...

