

Part number: [MTL-122](#)

Description: [RF TRACE ANT 2.4GHz 50 Ohm](#)

Type: [Meandered Monopole Trace Antenna](#)

Frequency (Center/Band): [2.4GHz](#)

Impedance: [50 Ohms](#)

Gain:

Frequency (Mhz)	Peak Gain (dBi)
2402 MHz	-0.53
2440 MHz	-1.67
2480 MHz	-1.50

Return Loss:

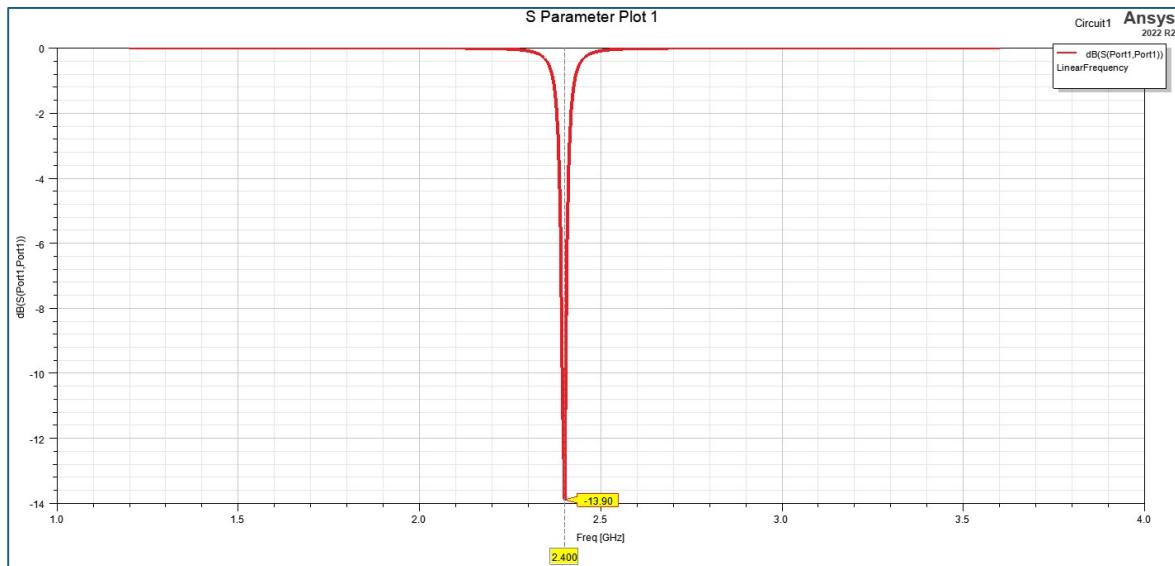
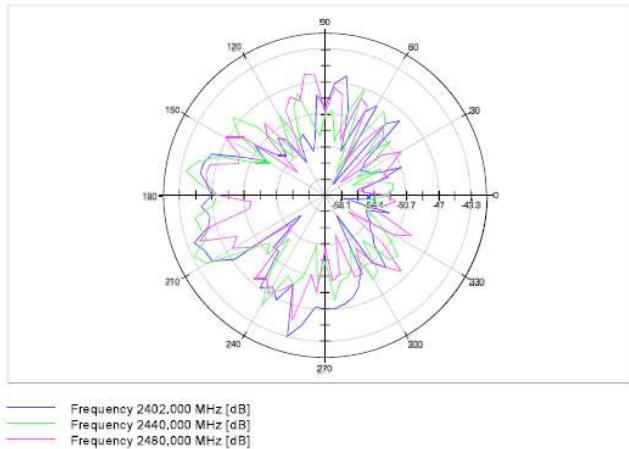


Figure 1: Return Loss

2D Antenna Pattern:

Azimuth Chart: Vertical



Azimuth Chart: Horizontal

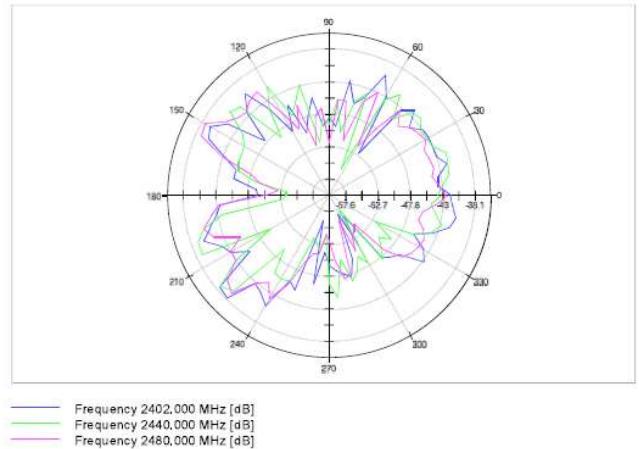
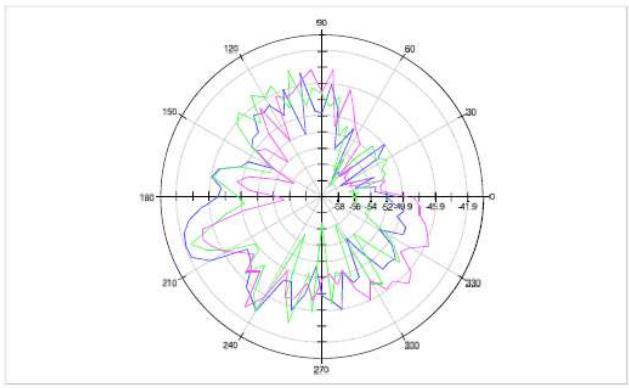


Figure 2: 2D antenna pattern, EUT flat, vertical and horizontal receive polarization respectively

Azimuth Chart: Vertical



Azimuth Chart: Horizontal

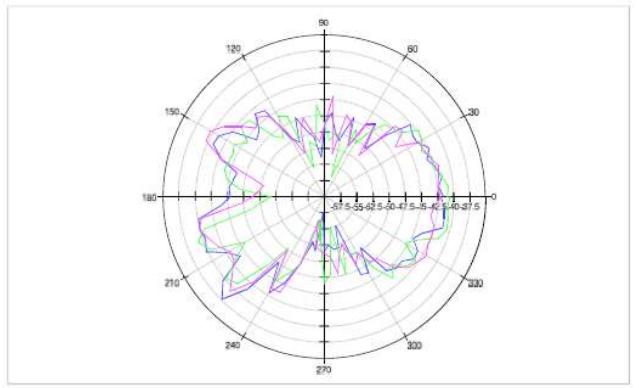


Figure 3: 2D antenna pattern, EUT horizontal, vertical and horizontal receive polarization respectively

Mechanical Dimensions:

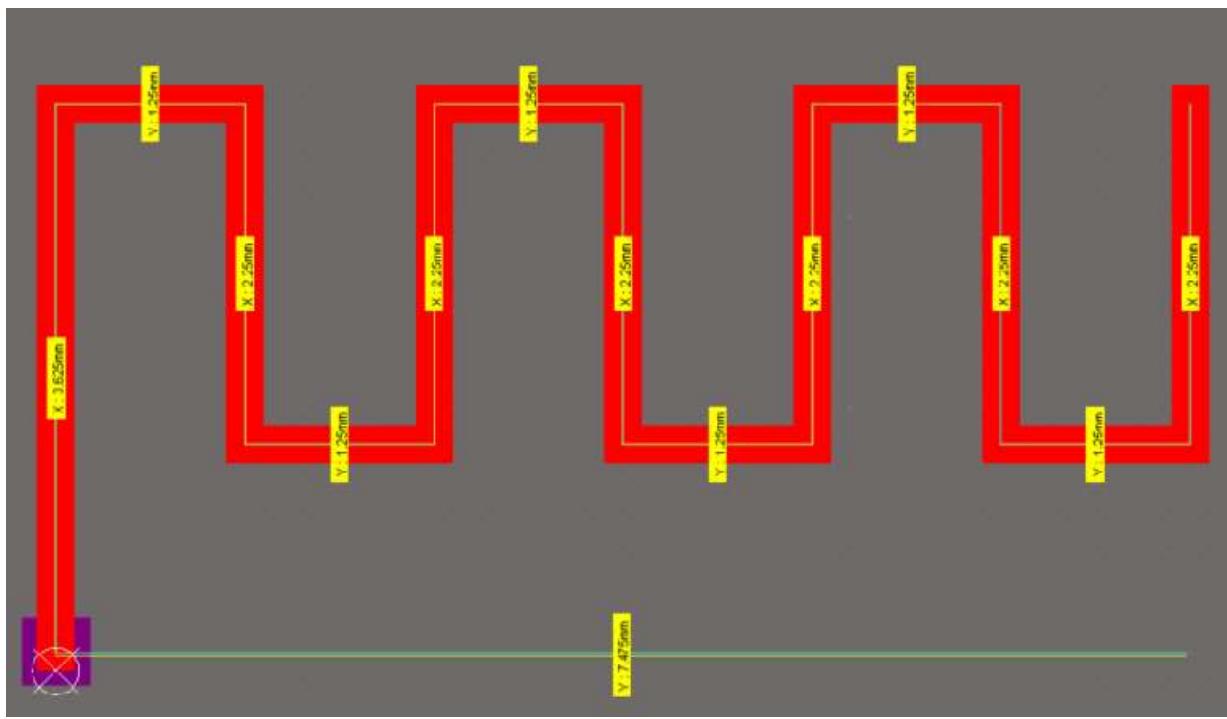


Figure 4: Antenna dimensions