

Meandered Inverted-F Antenna

1. Layout and Implementation

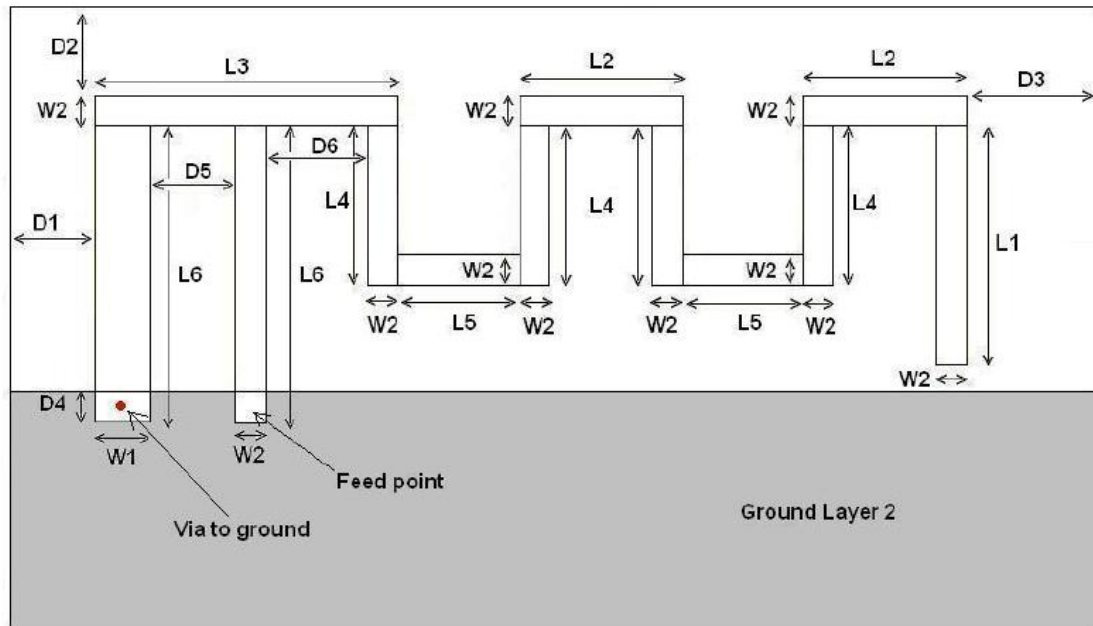


Figure 3: Antenna Dimensions

L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

Table 1: Antenna Dimensions

2. Frequency

2400-2500 MHz

3. Applications

For Miniaturized Bluetooth System

4. Electrical Characteristics

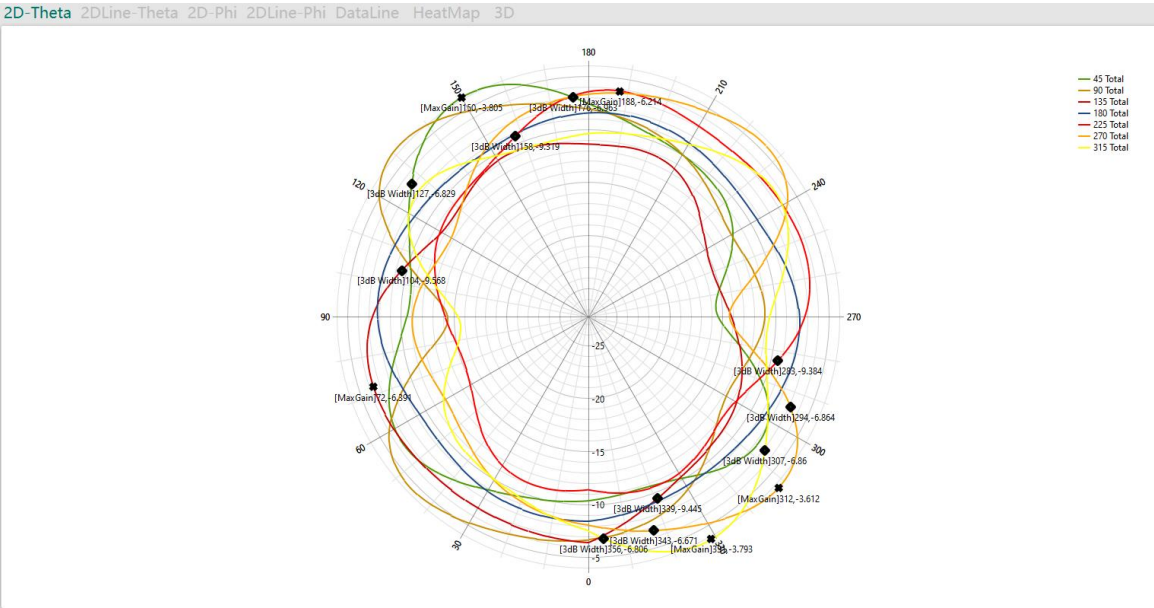
Central Frequency:2450MHz

Bandwidth: 100MHz

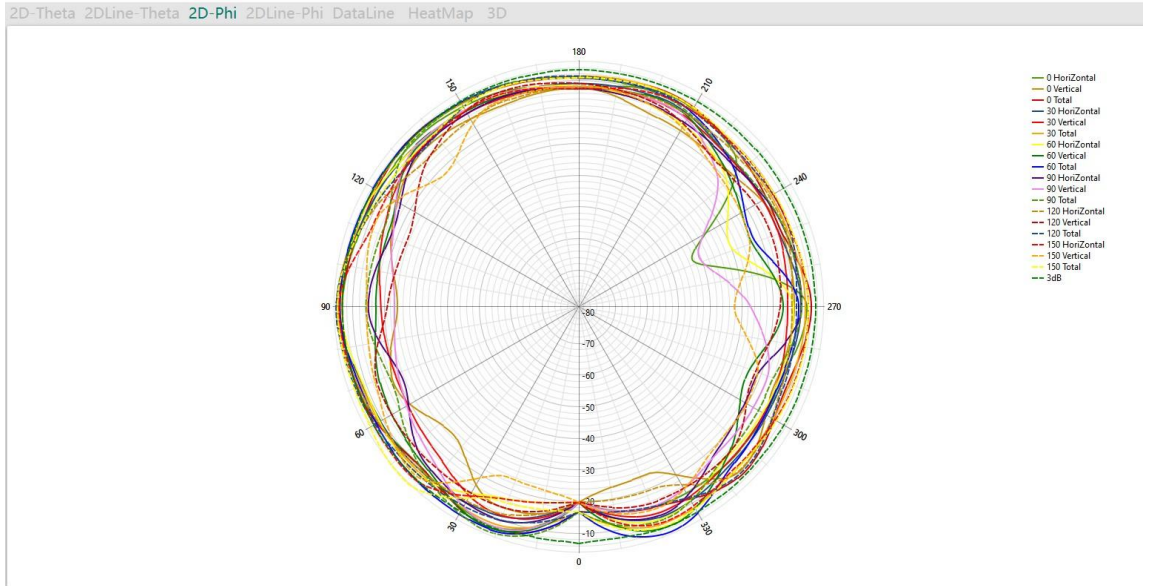
Peak Gain: 0dBi

Impedance: 50 Ohm

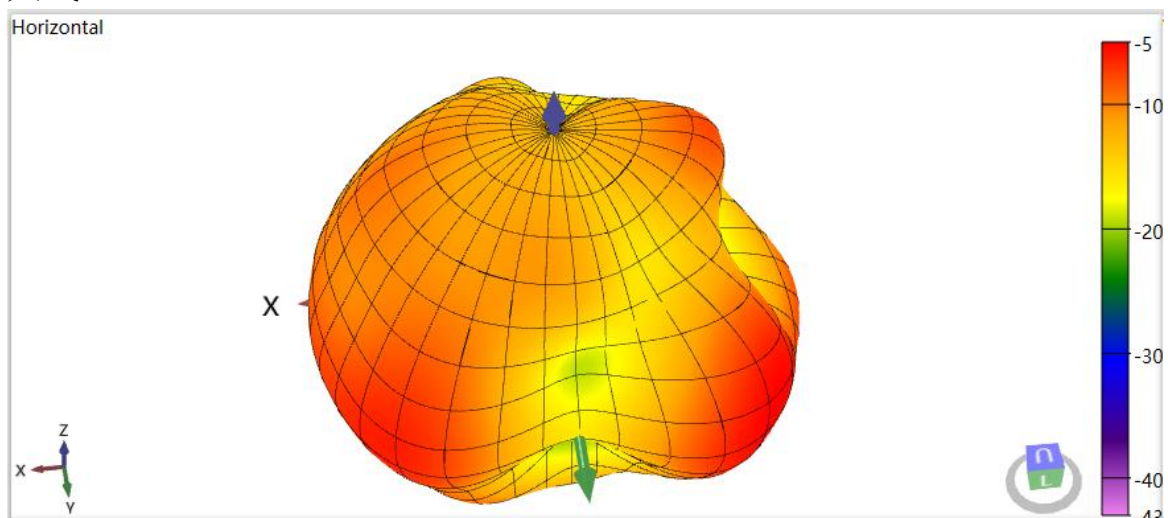
天线 2440MHz 2D-Theta Pattern



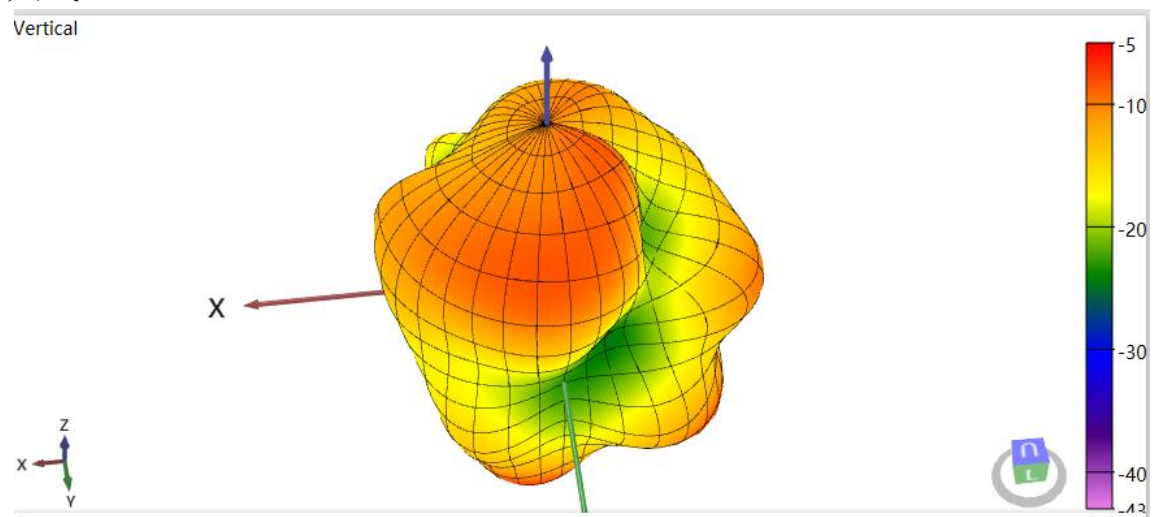
天线 2440MHz 2D-Phi Pattern



天线 2440MHz 3D-Horizontal Pattern



天线 2440MHz 3D-Vertical Pattern



2440MHz 3D-Total Pattern

