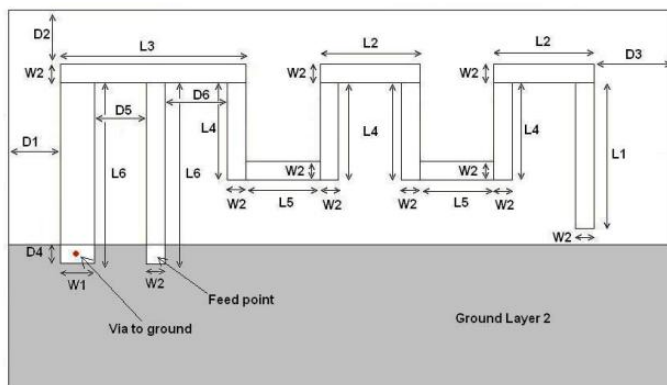
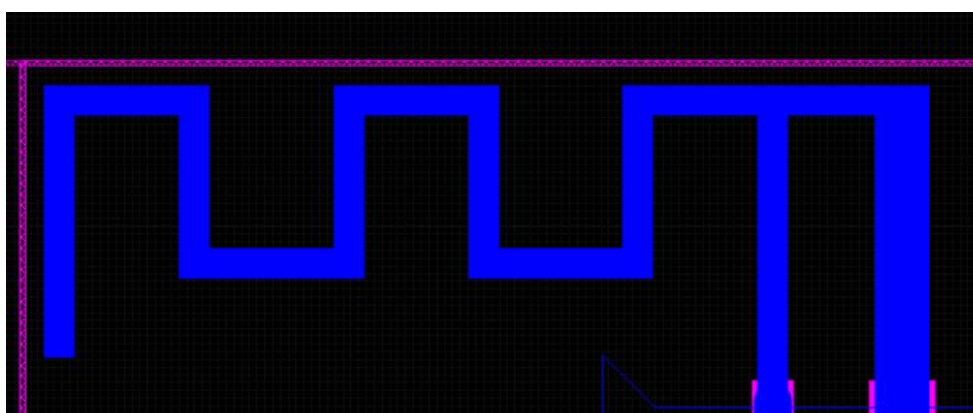


Antenna specification

1. Antenna describe

天線形式 Antenna form	PCB antenna
頻率範圍 Frequency range	2.4 ~ 2.5Ghz
增益 Gain	1dBi
駐波比係數 VSWR	<2.5
輸入阻抗 Input Impedance	50 ± 5Ω

2. Antenna Layout and Implementation

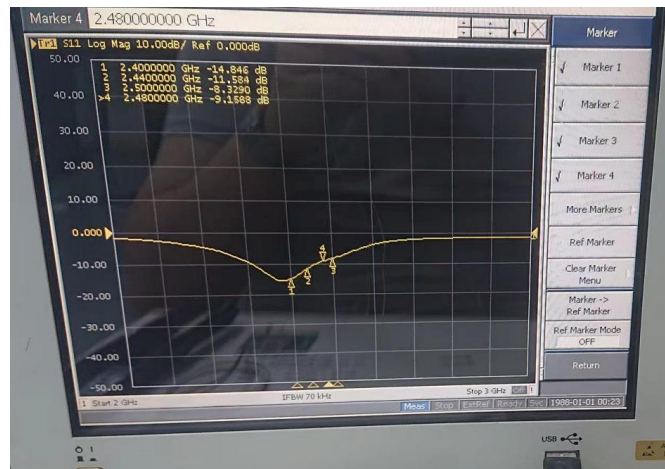


L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

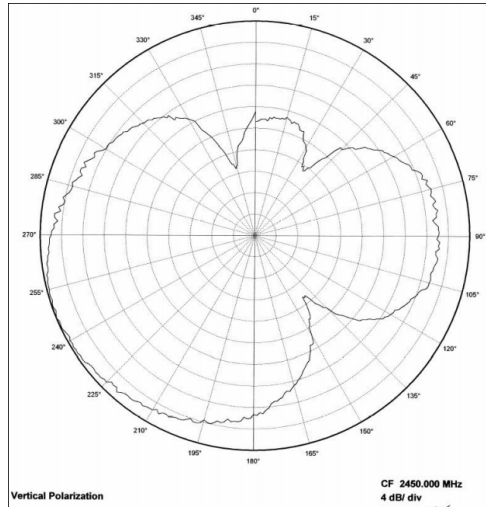
3. Gain

Freq (MHz)	Gain (dBi)
2400	1.0
2410	0.76
2420	0.63
2430	0.23
2440	0.13
2450	-0.16
2460	-0.24
2470	-0.58
2480	-0.97
2490	-1.26
2500	-2.52

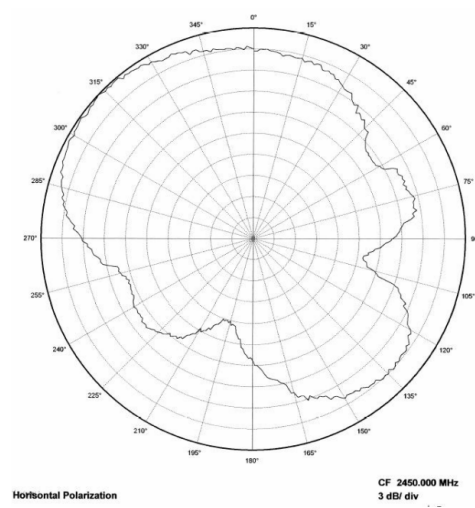
4. Antenna 的 S11



5. Radiation pattern



XY plane



YZ Plane