

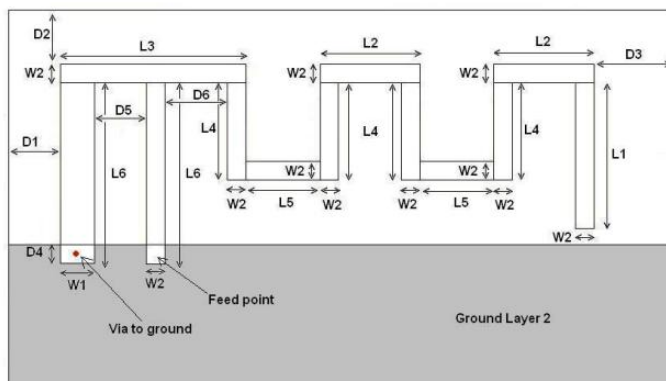
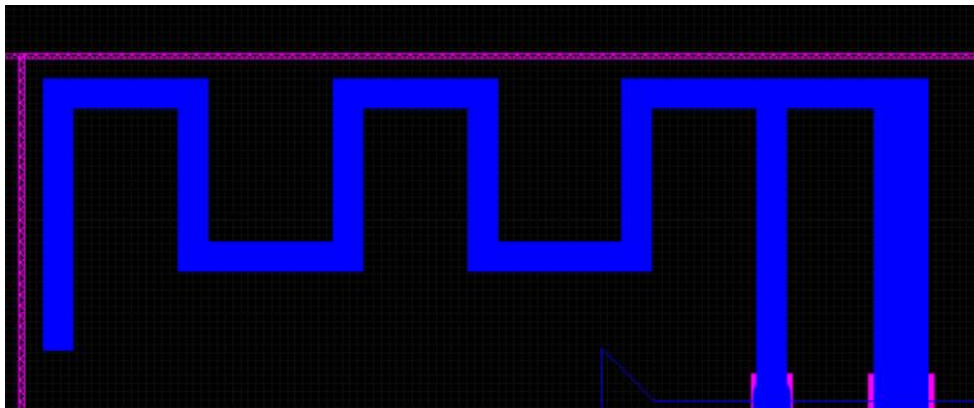
型號：HS-8AD

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	0.3 dBi
駐波比係數 VSWR	<2.5
輸入阻抗 Input Impedance	50±5Ω
天綫型號 Antenna model	Inverted F Antenna
製造商 Manufacturer	南京嘉浩科技有限公司 Nanjing Jiahao Technology Co., Ltd.
製造商地址 Manufacturer 's address	江蘇省南京市江寧區蘇源大道120號 No. 120, Suyuan Avenue, Jiangning District, Nanjing City, Jiangsu Province

2. Antenna Layout and Implementation

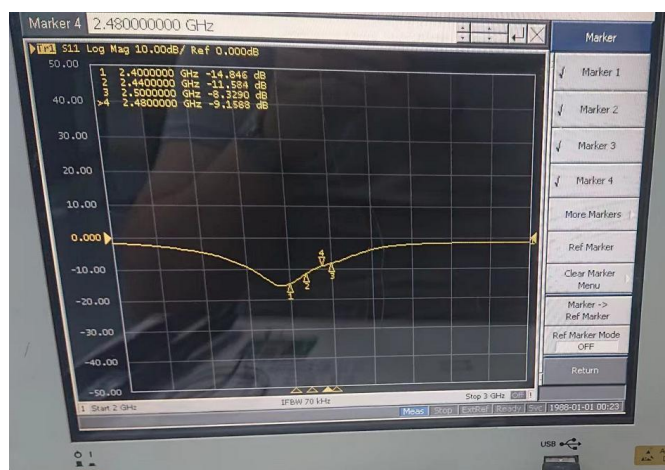


L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

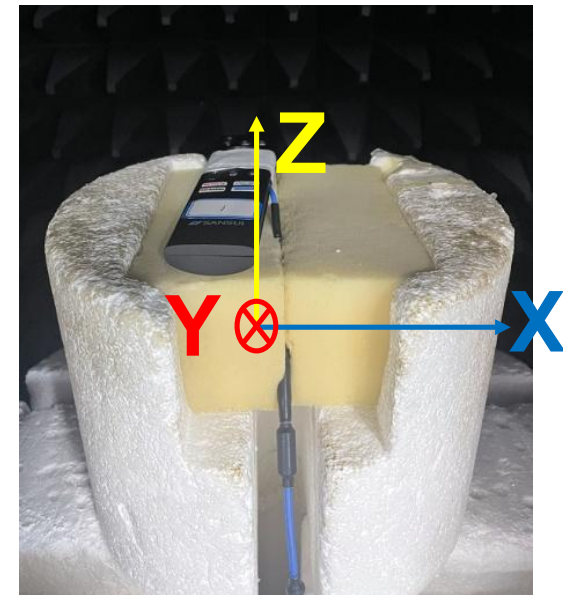
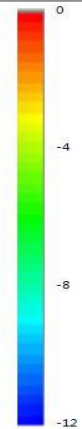
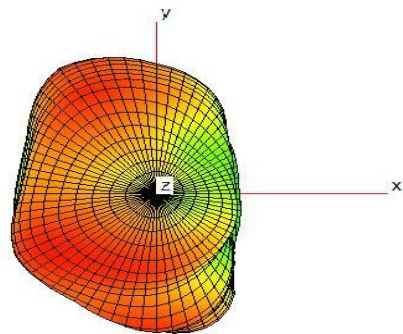
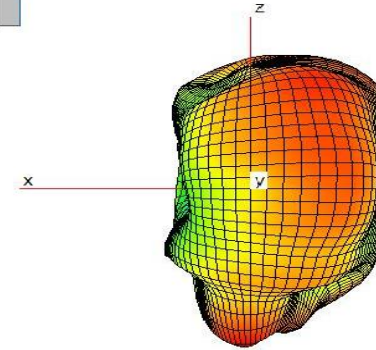
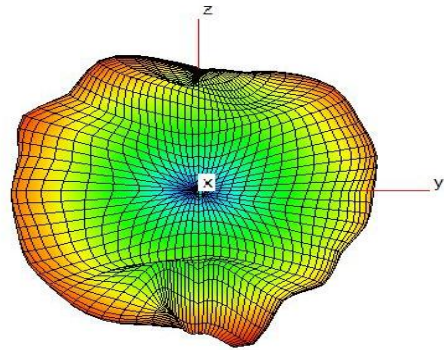
3. Gain

	自由场		
Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.30	-2.84	51.95
2410	0.26	-2.87	51.63
2420	0.23	-2.90	51.26
2430	0.20	-2.91	51.18
2440	0.17	-3.02	49.94
2450	-0.01	-3.15	48.39
2460	-0.21	-3.26	47.26
2470	-0.27	-3.40	45.71
2480	-0.55	-3.54	44.28
2490	-0.81	-3.66	43.02
2500	-0.88	-3.77	41.94

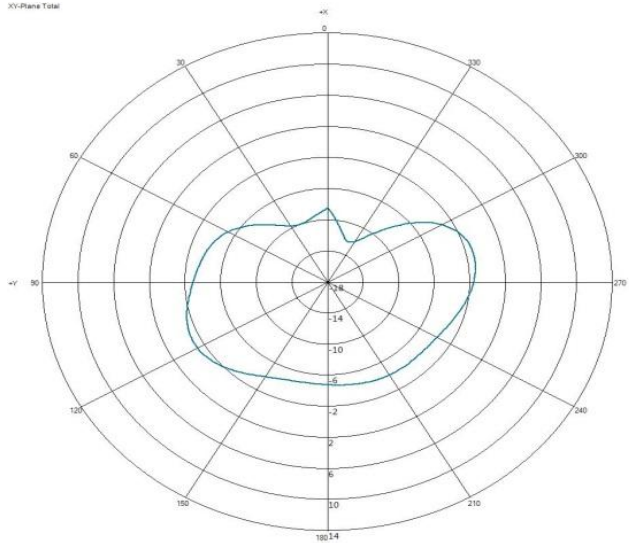
4. Antenna 的 S11



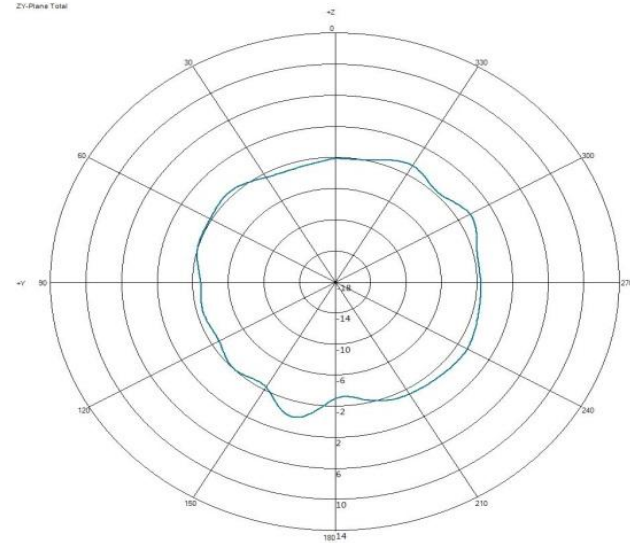
5. Radiation pattern



XY-Plane Total



ZY-Plane Total



ZX-Plane Total

