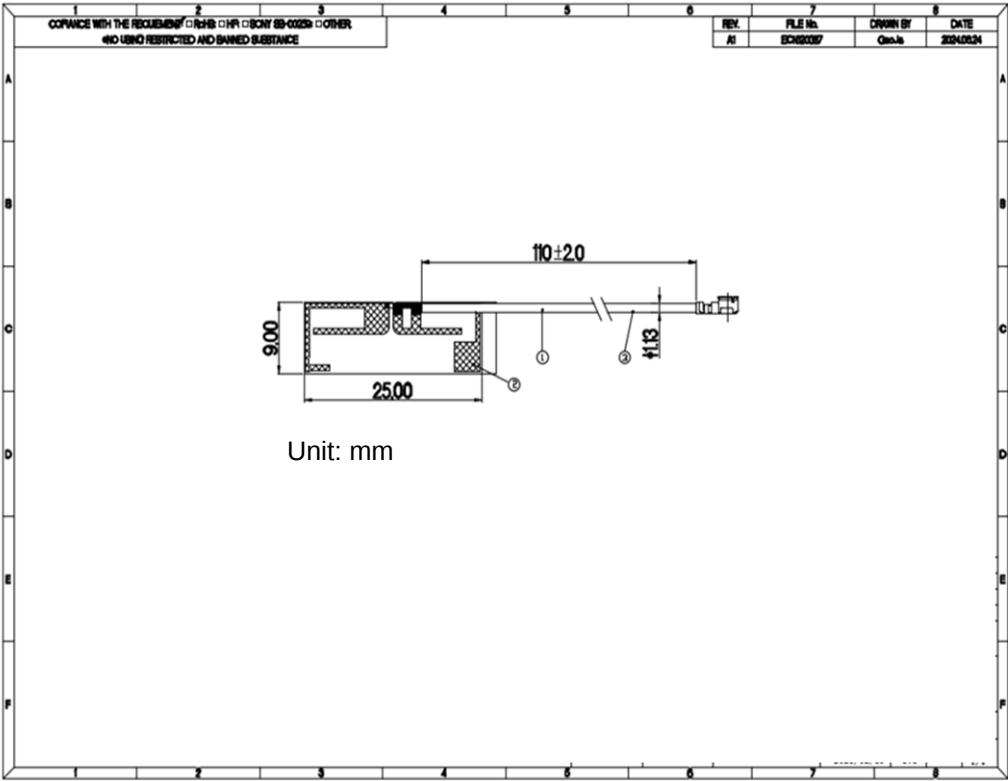


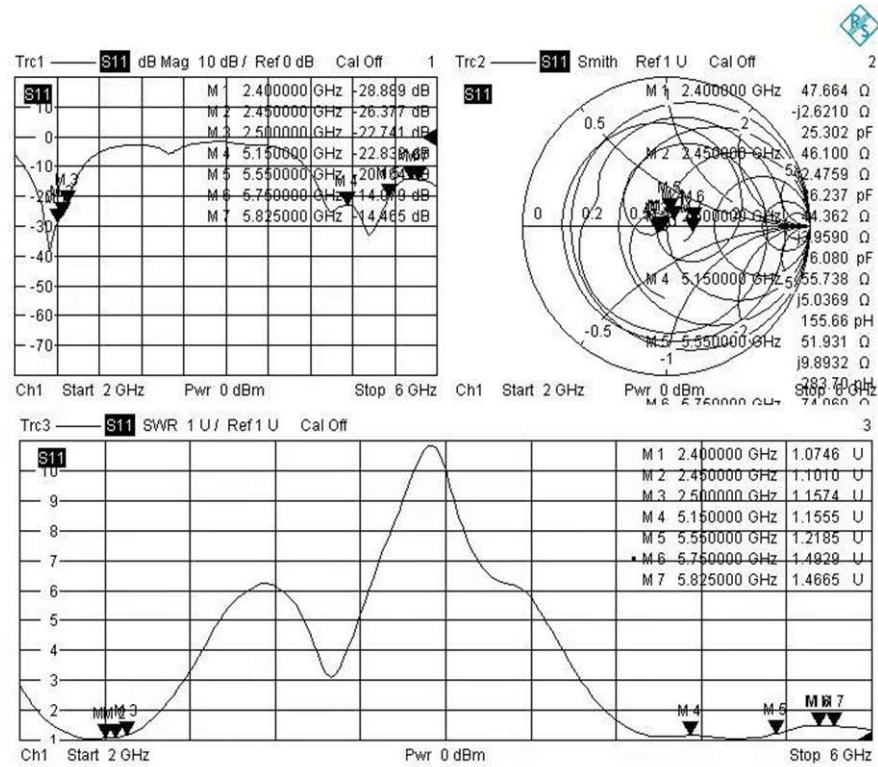
东莞市森泰电子有限公司

Dongguan MiaoTEC Electronics Co.,Ltd.

电气参数 Electrical Specifications		
频率范围 Frequency range (MHz)	2.4-2.5GHz	5.8GHz
带宽 Bandwidth (MHz)	100MHz	700MHz
增益 Gain (dBi)	4.54dBi	3.06dBi
半功率波瓣宽度 Half-power beam width(°)	H:360 V:14	
电压驻波比 VSWR	≤2.0	
输入阻抗 Input Impedance(Ω)	50	
极化方式 Polarization	垂直Vertical	
最大功率 Maximum input power (W)	50	
雷电保护 Lightning protection	直流接地 DC Ground	
接头型号 Input connector type	1代IPEX PLUG	
机械参数 Mechanical Specifications		
天线尺寸 Dimensions (mm)	见工程图	
天线重量 Antenna weight (kg)	2g	
工作温度 Operating temperature (℃)	~ 40-55	
天线颜色 Antenna color	White(黑色)	



S Parameter Test



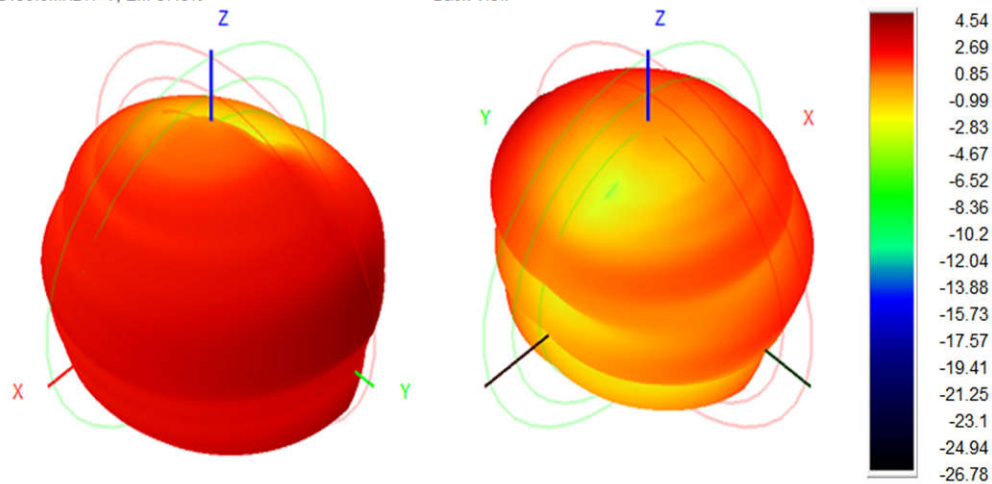
Antenna Gain

Frequency ID	1	6	9	11	24	25	26
Frequency (MHz)	2400	2450	2480	2500	5750	5800	5850
Efficiency (dBi)	-1.99	-2.26	-1.70	-1.71	-1.07	-0.83	-1.36
Gain (dBi)	3.77	4.11	4.54	4.41	3.00	3.06	2.80
Efficiency (%)	63.26	59.41	67.58	67.40	78.22	82.53	73.14
Directivity (dB)	5.76	6.37	6.24	6.12	4.07	3.90	4.16

Worst-Case Test Plot

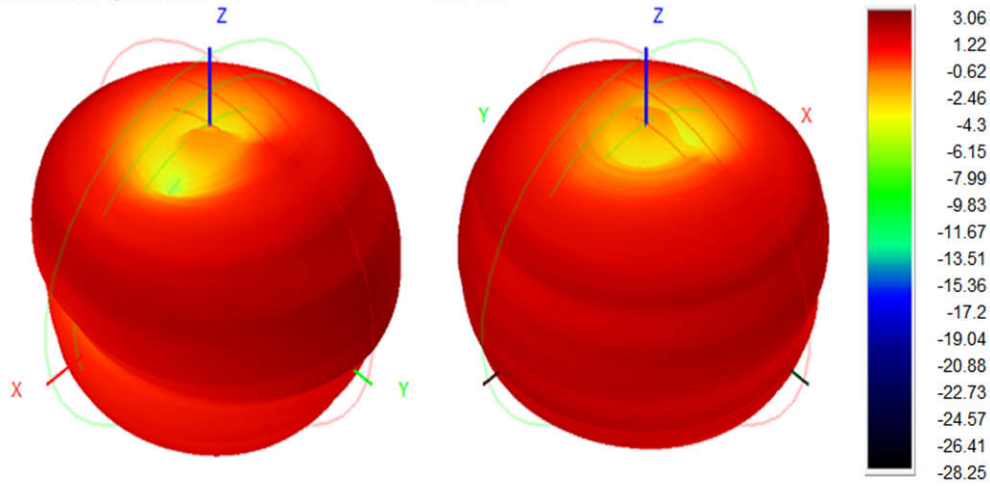
2480.0MHz H+V, Eff. 67.6%

Back View



5800.0MHz H+V, Eff: 82.5%

Back View



5800.0MHz Total (E2-YZ), Max= 3.06dBi

2480.0MHz Total (E2-YZ), Max= 4.54dBi

