

东莞市壹创电子有限公司

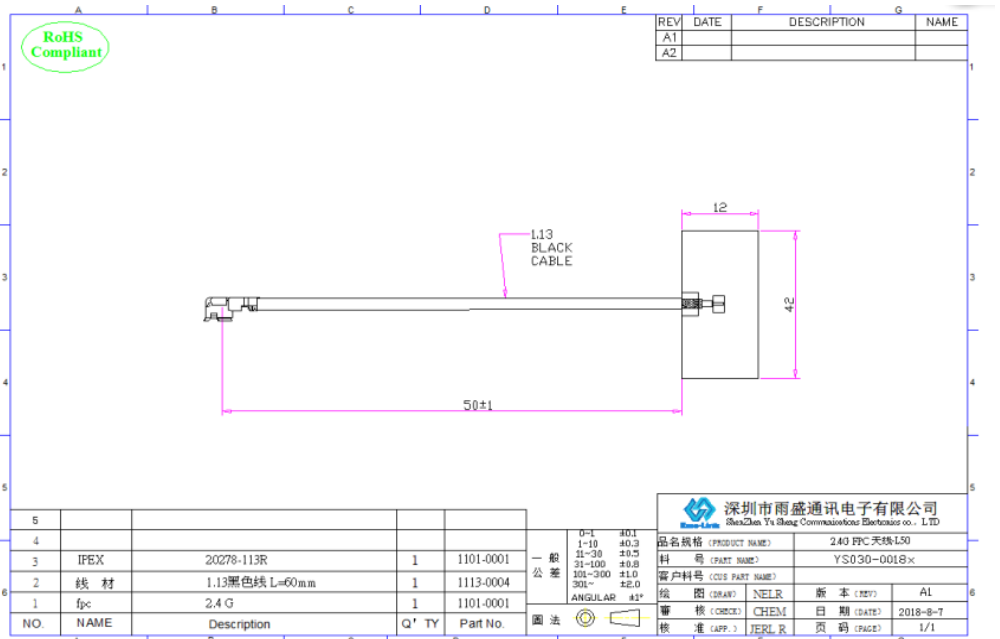
Dongguan Yichuang Electronic Limited



天线规格书Antenna specification

Address: Room 801, Building 5, No. 2 Huangdong Jintian Road, Fenggang
Town, Dongguan City, Guangdong Province, China

一、产品图片 product picture

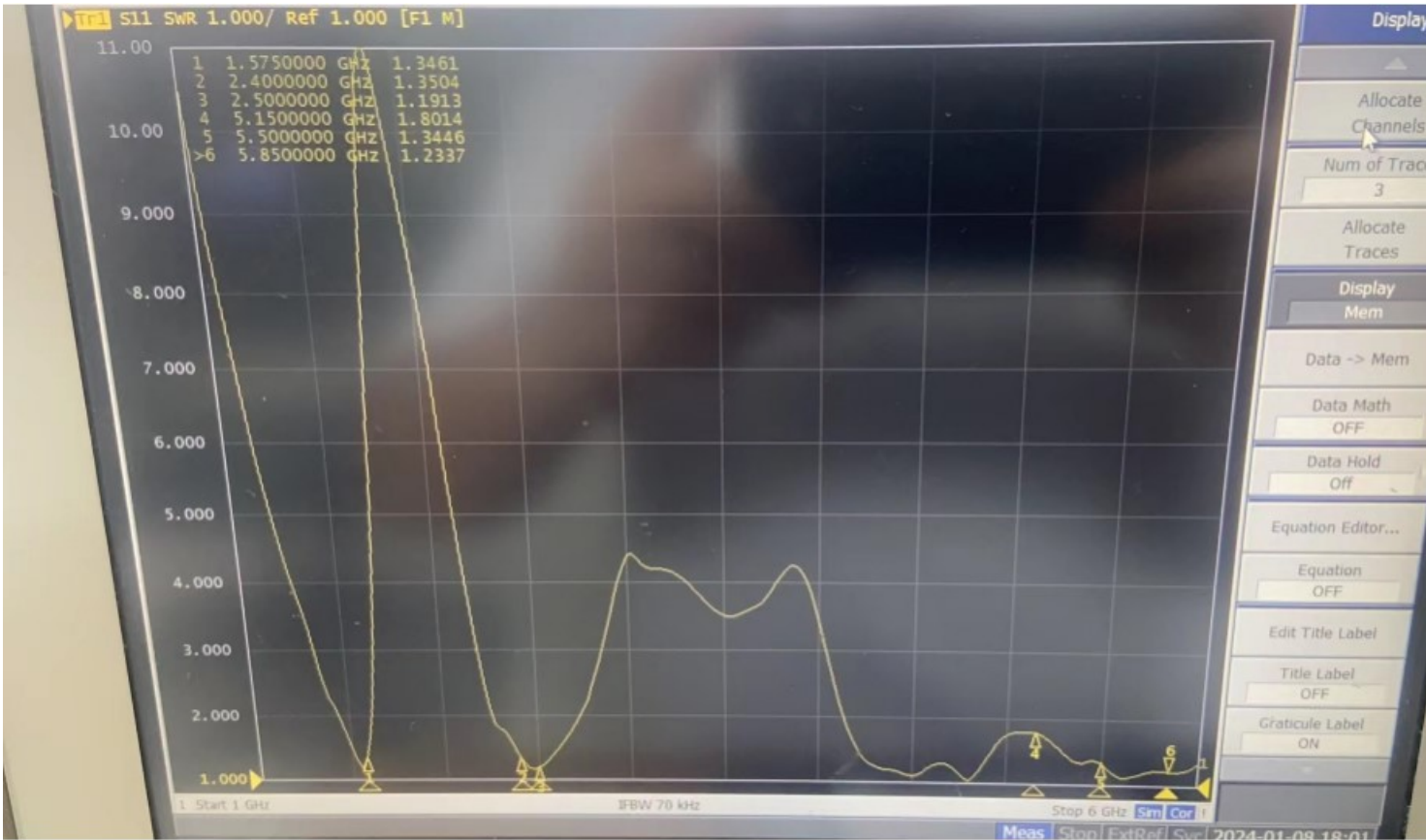


二、产品参数 Product Parameter

产品测试参数 Product test parameter

产品名称(Name)	JA-815-5W	产品型号(Model Type)	YC-FPC-004
电性能指标 (Electrical Specifications)			
频率范围 (Frequency Range)	2400-2500MHz 5000-5800MHz	极化方式 (Polarization)	垂直vertical
输入阻抗(Impedance)	50 Ω	辐射方向	全向omnibearing
驻波比 (VSWR)	2.0	功率容量(Power)	50W
增益(Gain)	See data below	带宽 (Bandwidth)	136/980MHz
机械指标 (Mechanical Specifications)			
尺寸 (Dimensions)		天线颜色(Radome Color)	黑色black
连接器型号 (Connector)	1代端子 1.13 线材	引线长度(Cable Length)	75mm
外壳材料 Radome Material			
工作温度 (Working Temperature)	-10℃--+60℃	存放温度 (Limit Temperature)	-10℃--+30℃

三、S11(VSWR 、 Return loss 、 Smith)数据



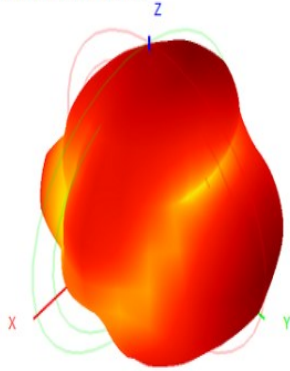
Frequency	Efficiency (%)	Gain (dB)
2390	58%	3.05
2400	59%	3.51
2410	60%	3.61
2420	61%	3.67
2450	62%	3.86
2460	62%	3.65
2480	61%	3.88
2500	60%	3.83

OTA	11B Antenna Performance Table			11G Antenna Performance Table		
Channel	CH1	CH6	CH11	CH1	CH6	CH11
MAX Power (dBm)	19.14	18.97	18.85			
TRP (dBm)	15.00	15.01	15.15			
Sensitivity (dBm)	-85.21	-84.32	-83.54			
TIS (dBm)	-80.11	-79.32	-79.10			

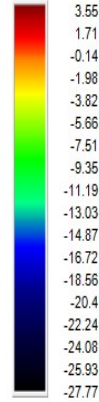
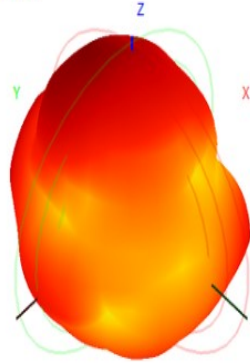
Frequency	Efficiency (%)	Gain (dB)
5000	50%	3.05
5200	52%	3.45
5300	52%	3.51
5400	58%	3.47
5500	55%	3.06
5600	54%	3.45
5800	51%	3.58
5900	54%	3.33

OTA	5.8G Antenna Performance Table					
Channel	CH36	CH64	CH165			
MAX Power (dBm)	18.14	18.17	18.825			
TRP (dBm)	14.50	14.01	14.35			
Sensitivity (dBm)	-78.21	-78.32	-79.54			
TIS (dBm)	-74.11	-75.32	-74.41			

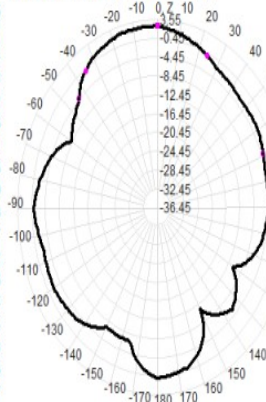
2450.0MHz H+V, Eff: 55.8%



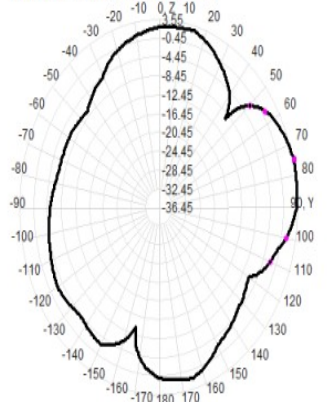
Back View



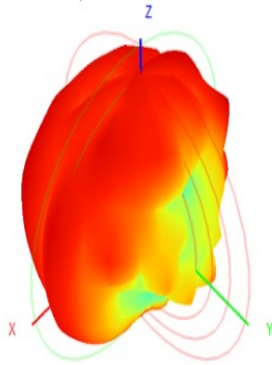
2450.0MHz Total(E1-XZ), Max=2.13dBi



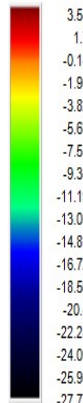
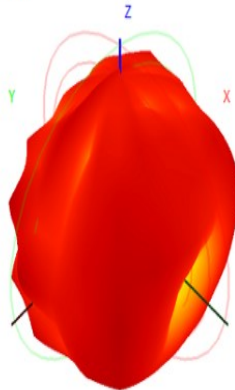
2450.0MHz Total(E2-YZ), Max=3.55dBi



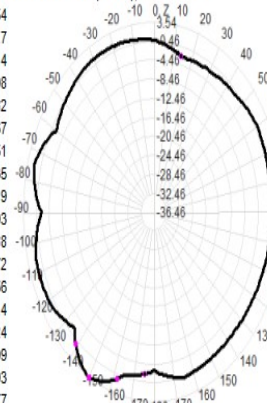
5850.0MHz H+V, Eff: 59.8%



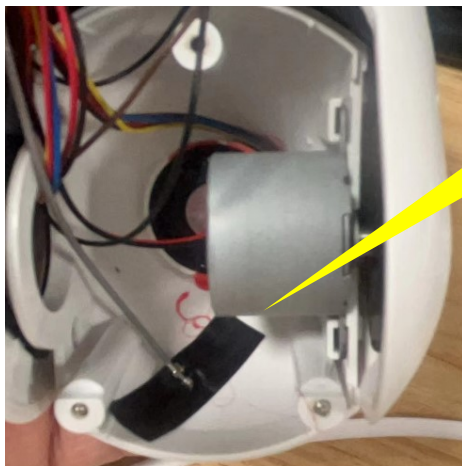
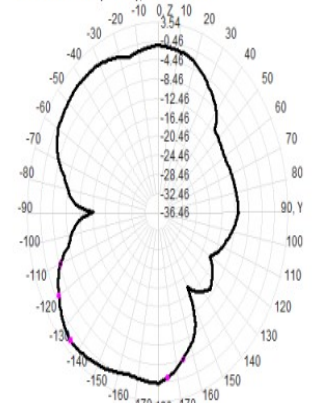
Back View



5850.0MHz Total(E1-XZ), Max=3.54dBi



5850.0MHz Total(E2-YZ), Max=1.49dBi



天线贴此位置，竖着贴
Stick the antenna here.
Stick it vertically