

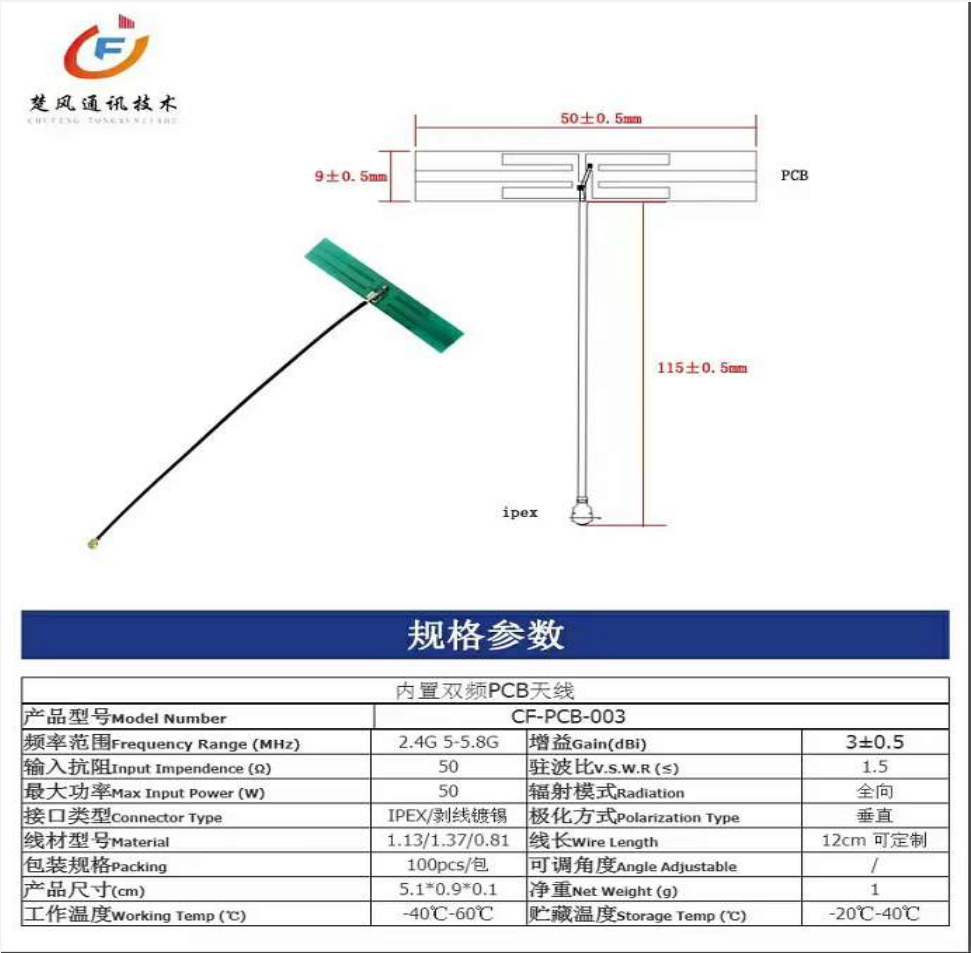
深圳市华芯无线技术有限公司
深圳市楚风通讯技术有限公司

HXWF-2.4G-5.8G-PCB-ANT Specifications

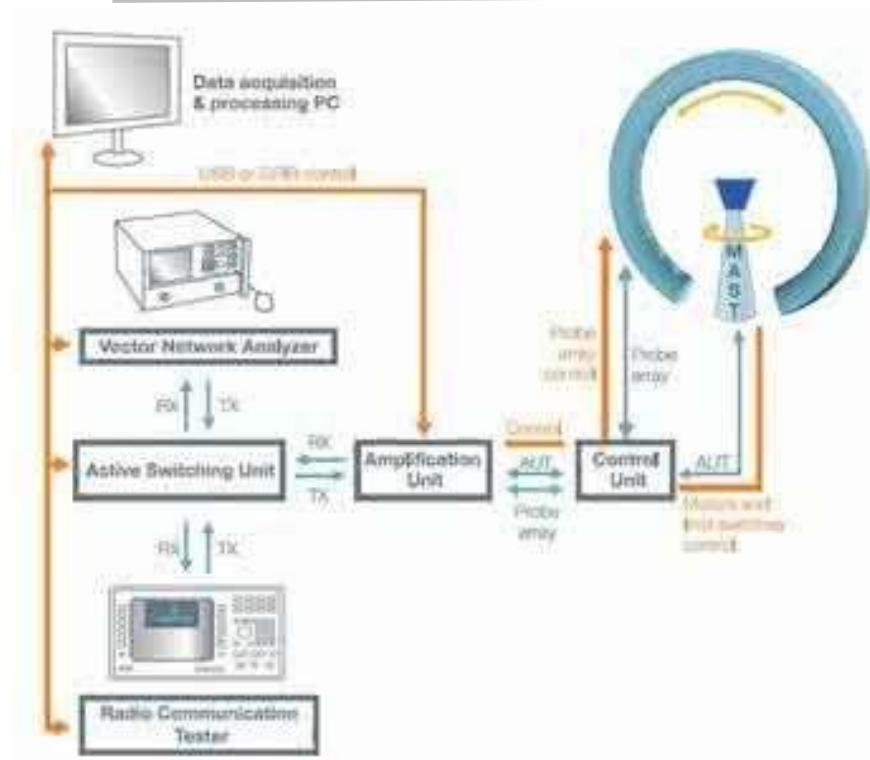
1. ProductApplication/产品应用
2. Date/数据
3. Product Picture/产品图片
4. Product structure drawing/产品结构图

Specification / 规范

产品结构图

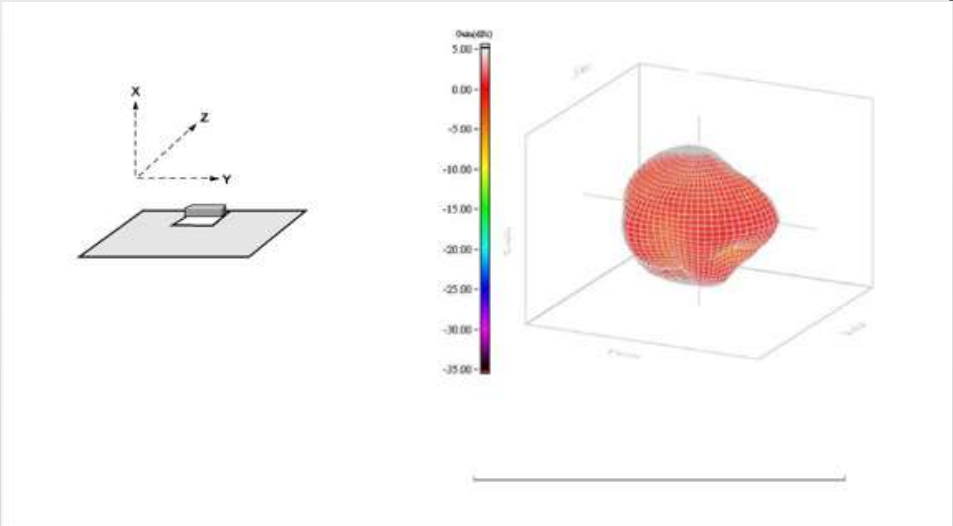


Test System / 测试系统

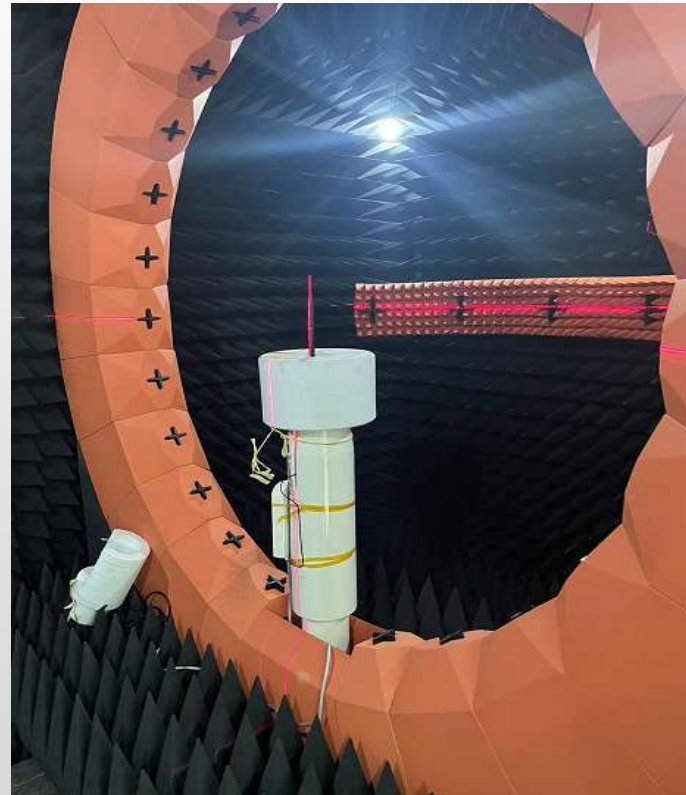
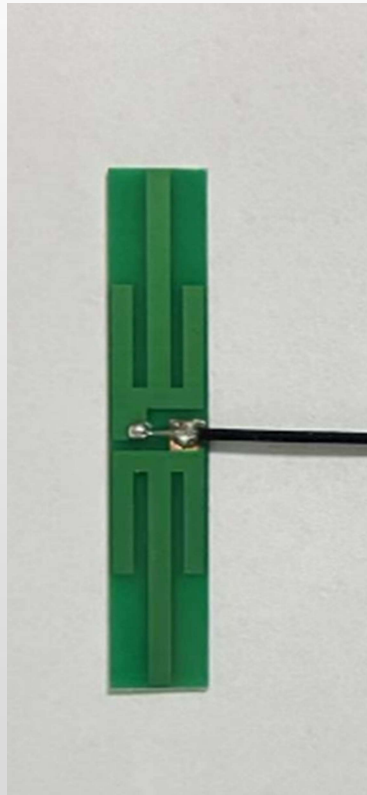


Test Item / 测试项目

Test Item	Test Equipment
S11、S12、VSWR 、LOSS.....	Network Analyzer E5071C、E5062A
Efficiency、Gain 3D Radiation Pattern	OTA Chamber、E5071C
TRP、TIS	OTA Chamber、CMW500、MT8820C、E4438C

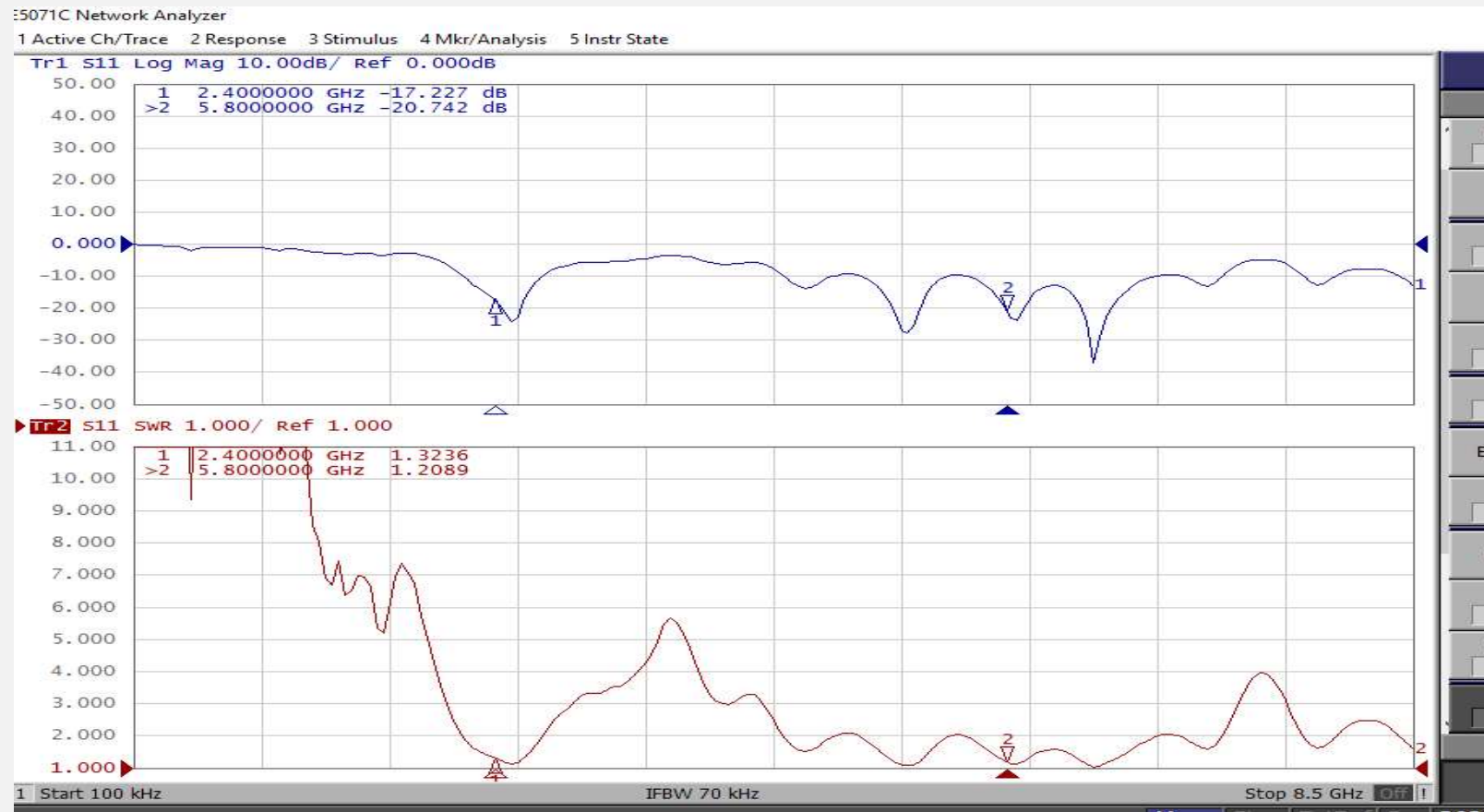


Test sample and environment/ 测试样品及环境



Specification / 规范

VSWR/LOSS/电压驻波/损失



Specification / 规范

Efficiency /效率 Gain/增益

2.4G效率

Frequency/Mhz	Efficiency / %
2400	78.16
2410	72.61
2420	78.89
2430	72.61
2440	76.38
2450	77.09
2460	74.30
2470	78.16
2480	73.79
2490	78.70
2500	70.63

2.4G增益

Frequency/MHz	MaxGain/dBi
2400	2.98
2410	2.93
2420	2.85
2430	2.84
2440	2.87
2450	2.90
2460	2.97
2470	2.75
2480	2.81
2490	2.96
2500	2.67

Specification

Efficiency /效率

5.8G效率

Frequency/Mh	Efficiency / %	Frequency/Mhz	Efficiency / %	Frequency/Mhz	Efficiency / %
5180	78.16	5400	72.11	5620	58.61
5200	72.61	5420	67.45	5640	60.95
5220	78.89	5440	69.18	5660	60.81
5240	72.61	5460	72.78	5680	61.66
5260	76.38	5480	75.34	5700	62.23
5280	77.09	5500	71.29	5720	60.95
5300	74.30	5520	71.78	5740	59.43
5320	78.16	5540	72.28	5760	58.88
5340	73.79	5560	75.34	5780	57.68
5360	78.70	5580	74.30	5800	57.41
5380	70.63	5600	69.98	5820	57.81

Specification

Gain /增益

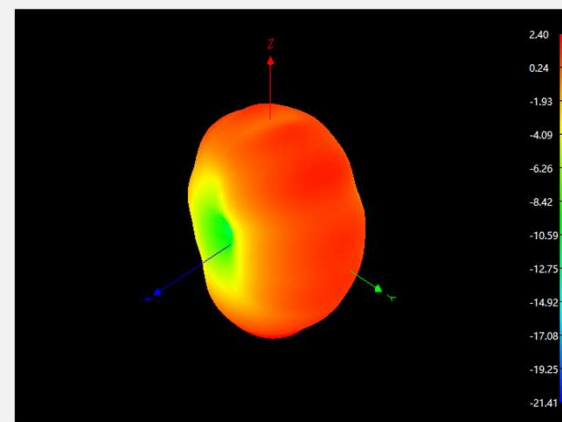
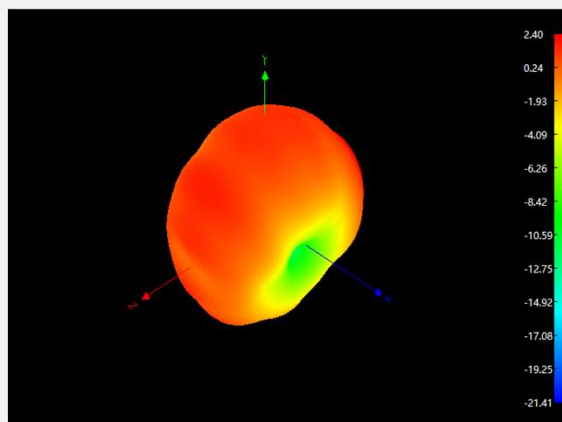
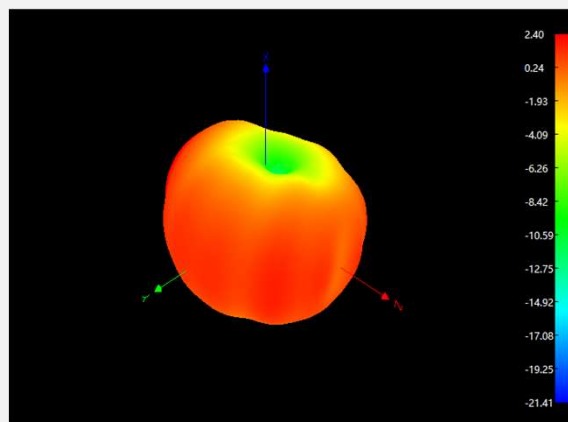
5.8G增益

Frequency/Mh	MaxGain/dBi	Frequency/Mhz	MaxGain/dBi	Frequency/Mhz	MaxGain/dBi
5180	2.61	5400	2.67	5620	2.89
5200	2.92	5420	2.82	5640	2.95
5220	2.79	5440	2.91	5660	2.98
5240	2.87	5460	2.63	5680	2.87
5260	2.74	5480	2.78	5700	2.74
5280	2.68	5500	2.91	5720	2.89
5300	2.94	5520	2.57	5740	2.97
5320	2.77	5540	2.81	5760	2.57
5340	2.66	5560	2.73	5780	2.99
5360	2.97	5580	2.53	5800	2.84
5380	2.80	5600	2.85	5820	2.71

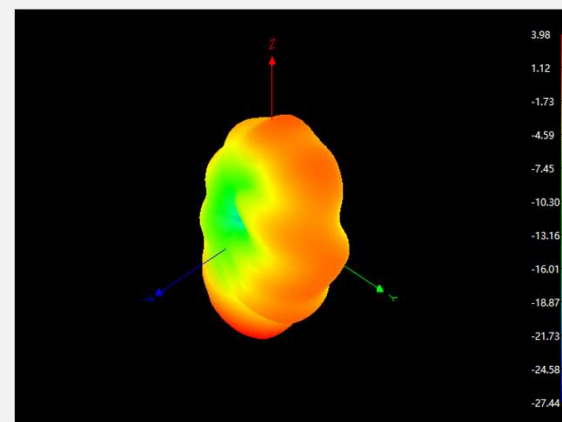
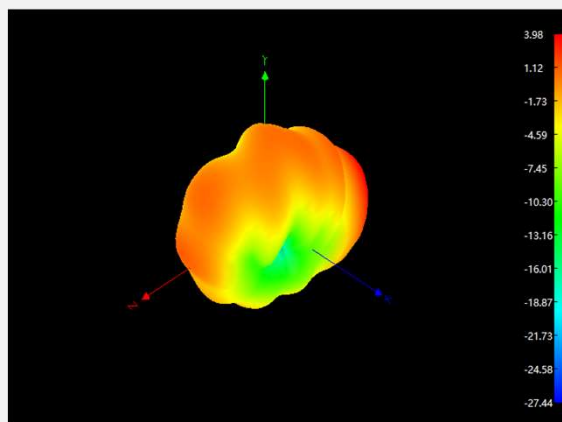
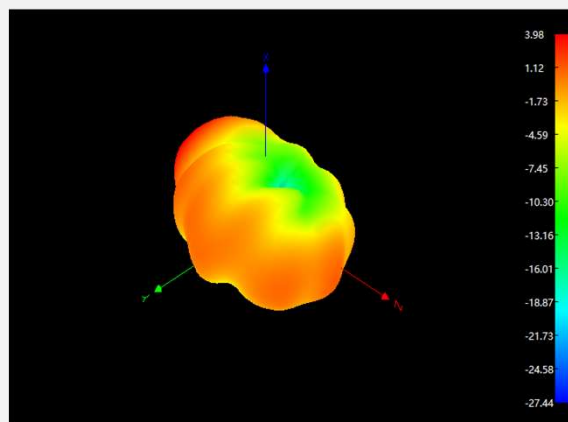
Specification / 规范

2.4G 3D 图

2.4G



5.8G



Specification / 规范

产品结构图

