

HXWF-2.4G-5.8G-51-PCB-ANT Specifications

ANT Name:PCB Antenna

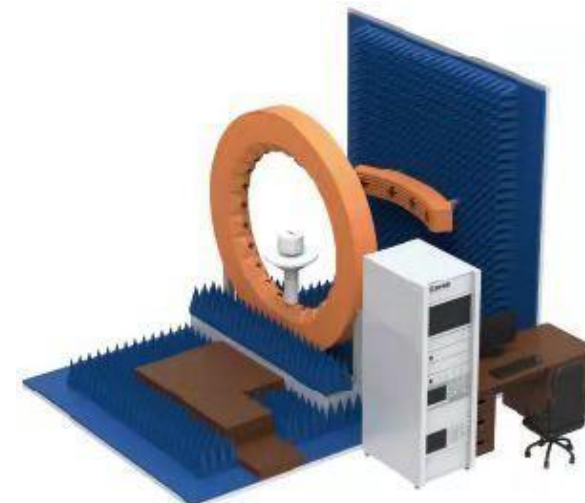
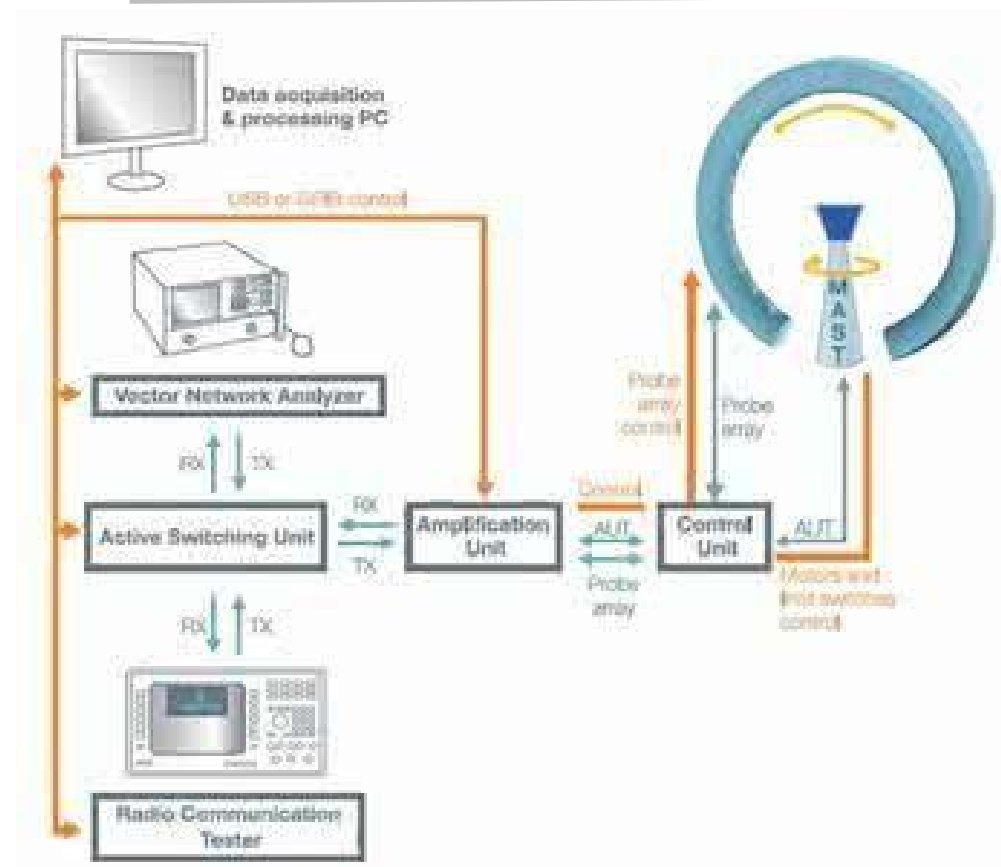
Model Name: HXWF-2.4G-5.8G-51

Manufacture : Shenzhen Yichuang Shangxian Technology Co., Ltd.

Manufacture Address : 105, No. 4, Shanglian New Village, Shangcun Community, Gongming Street, Guangming District, Shenzhen China

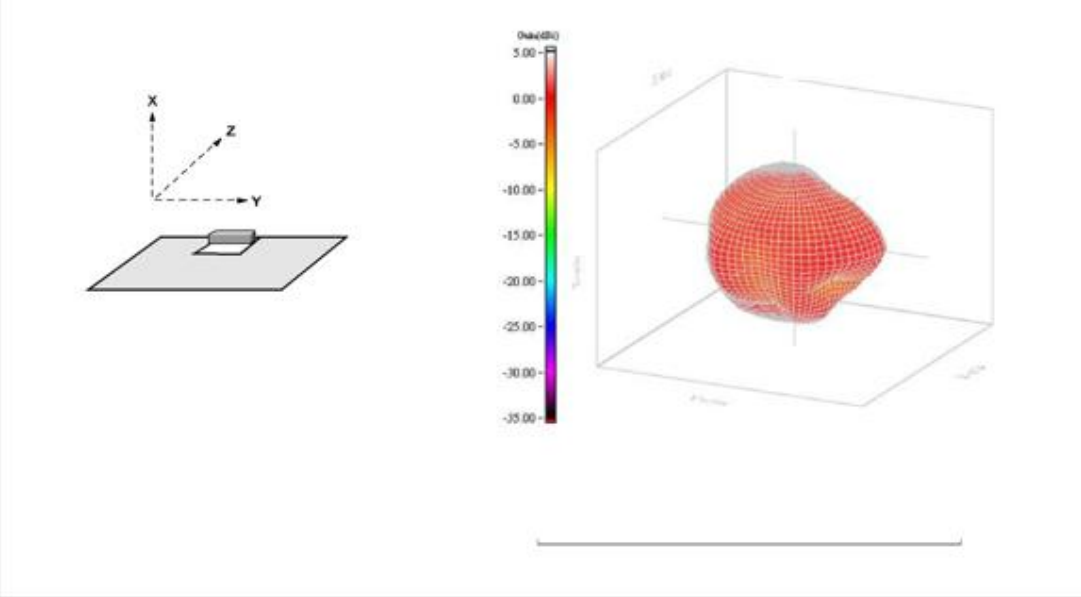
1. ProductApplication/产品应用
2. Date/数据
3. Product Picture/产品图片
4. Product structure drawing/产品结构图

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

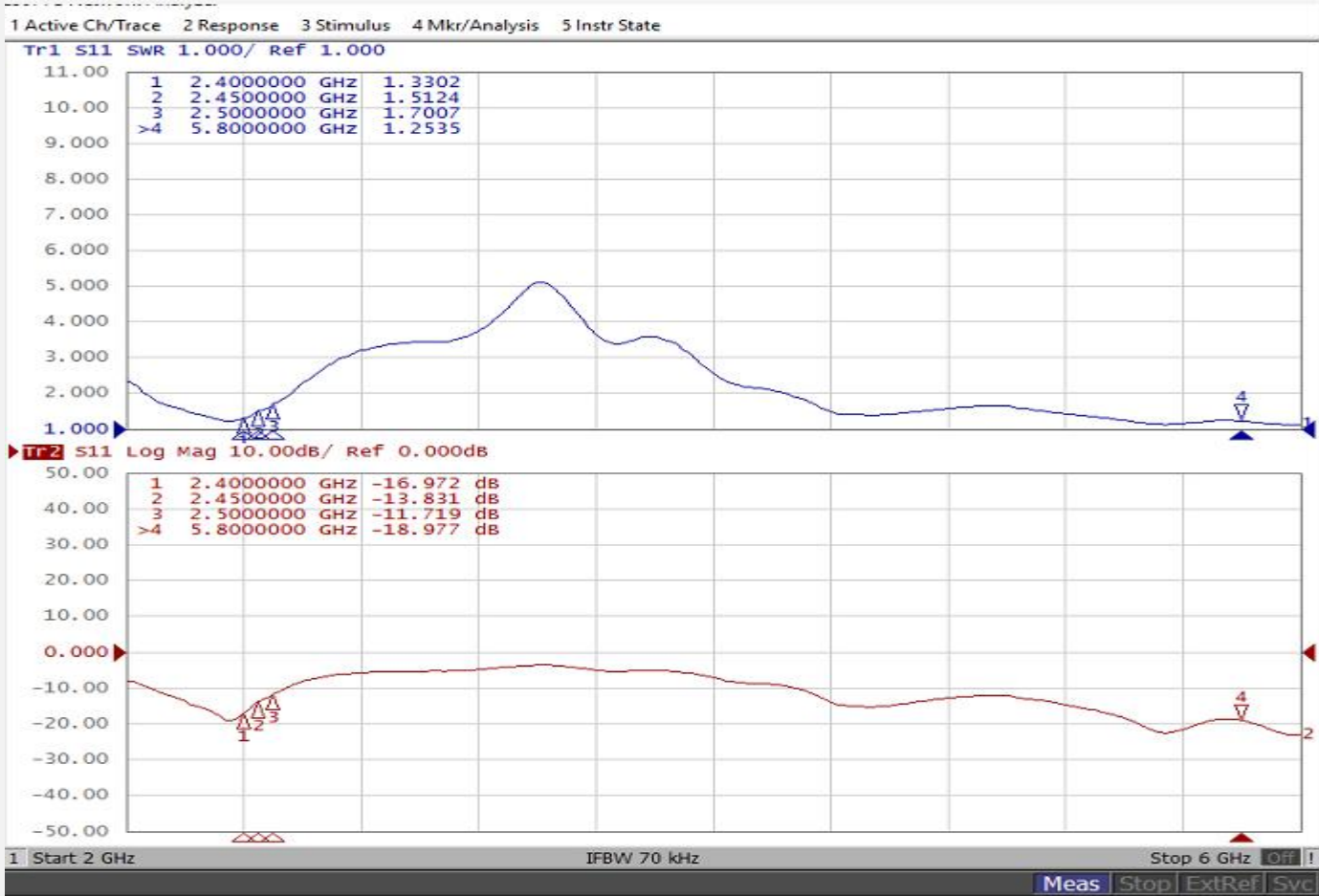


Test sample and environment/ 测试样品和环境



Specification / 规范

VSWR/LOSS电压驻波比/损失



Efficiency / 效率

5.8G效率

Frequency/Mhz	Efficiency / dB	Efficiency / %	Frequency/Mhz	Efficiency / dB	Efficiency / %
5700	-4.24	37.67	5800	-4.83	32.89
5710	-4.31	37.07	5810	-4.84	32.81
5720	-4.35	36.73	5820	-4.82	32.96
5730	-4.33	36.9	5830	-4.8	33.11
5740	-4.57	34.91	5840	-4.67	34.12
5750	-4.42	36.14	5850	-4.81	33.04
5760	-4.76	33.42	5860	-4.61	34.59
5770	-4.36	36.64	5870	-4.66	34.2
5780	-4.9	32.36	5880	-4.61	34.59
5790	-4.57	34.91	5890	-4.66	34.2
5800	-4.83	32.89	5900	-4.63	34.43

Gain /增益

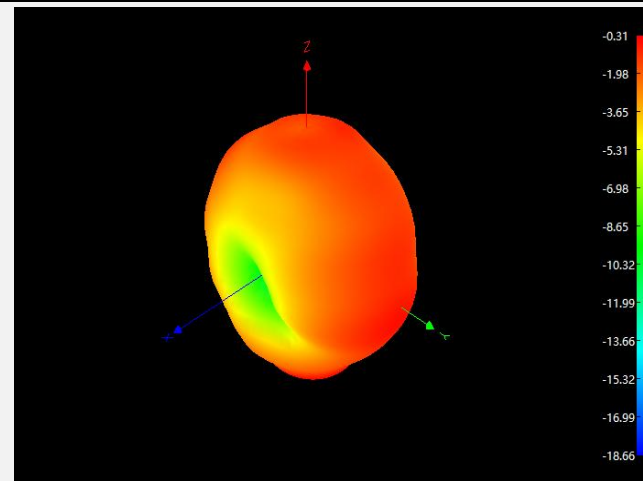
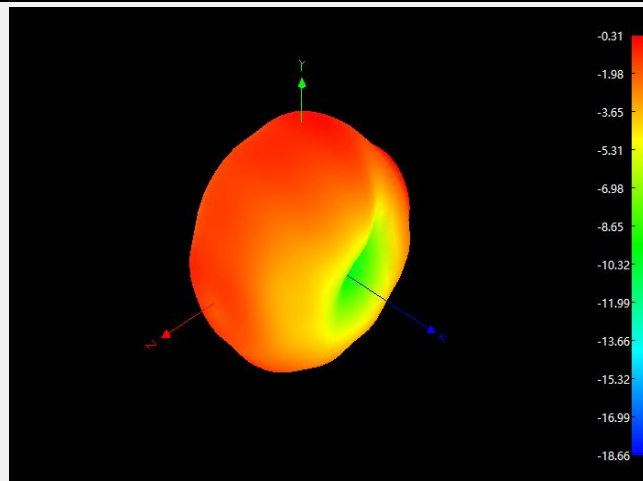
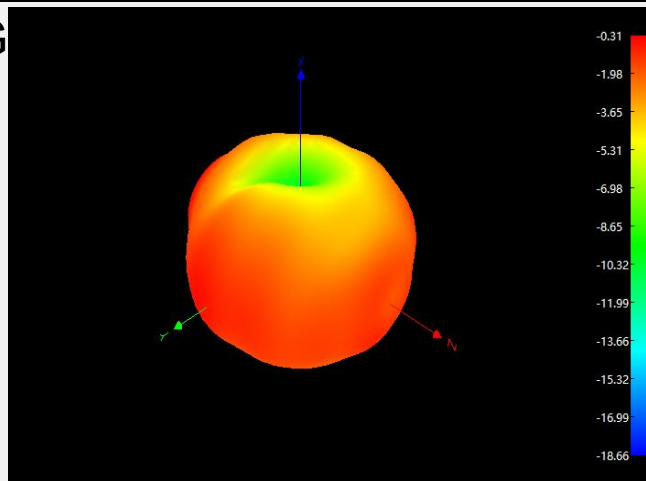
5.8G增益

Frequency/MHz	MaxGain/dBi	AvgGain/dBi	Frequency/MHz	MaxGain/dBi	AvgGain/dBi
5700	2.89	-4.24	5800	2.32	-4.83
5710	2.85	-4.31	5810	2.54	-4.84
5720	3.01	-4.35	5820	2.27	-4.82
5730	2.89	-4.33	5830	2.28	-4.8
5740	2.68	-4.57	5840	2.29	-4.67
5750	2.85	-4.42	5850	2.14	-4.81
5760	2.43	-4.76	5860	2.22	-4.61
5770	2.85	-4.36	5870	2.39	-4.66
5780	2.19	-4.9	5880	2.67	-4.61
5790	2.75	-4.57	5890	2.47	-4.66
5800	2.32	-4.83	5900	2.69	-4.63

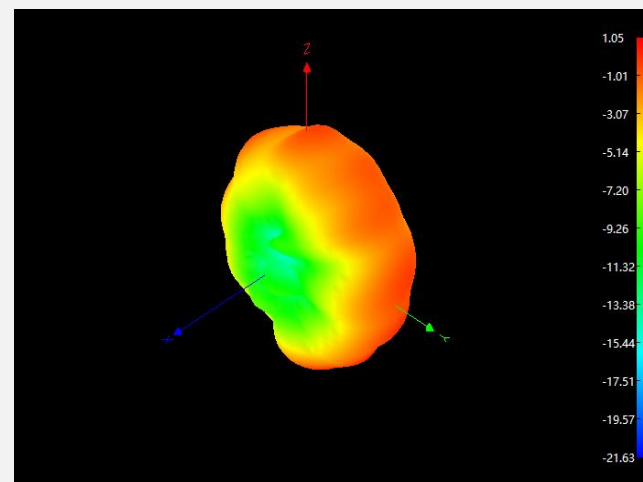
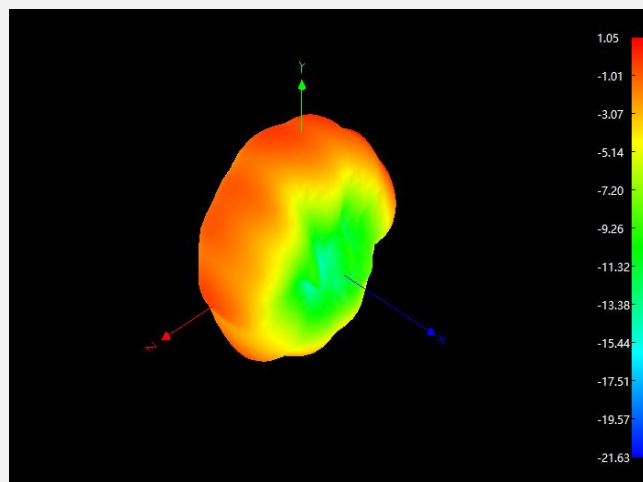
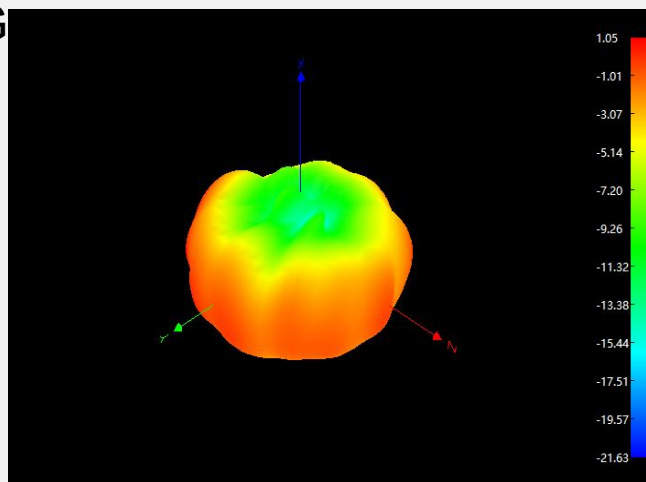
Specification

3D图

2.4G



5.8G



Specification

产品结构图

