



深圳市鑫尔盛科技有限公司

ShenZhen XinErSheng Technology Co.,Ltd

承 认 书

SPECIFICATION FOR APPROVAL

Customer Name: _____

Product Name: _____ 2.4/5.8G FPC Antenna

Part Number: _____

Manufacturer Code: _____ XESANT12B131184

Sample Quantity: _____ 5PCS

Manufacturer: ShenZhen XinErSheng Technology Co.,Ltd

Address: No. 96 Lingxia Road, Fourth Industrial Zone, Fengyong, Bao'an

District, Shenzhen City. Building D, 3rd Floor.

Tel: 0755-33881455. Fax: 0755-33233276.

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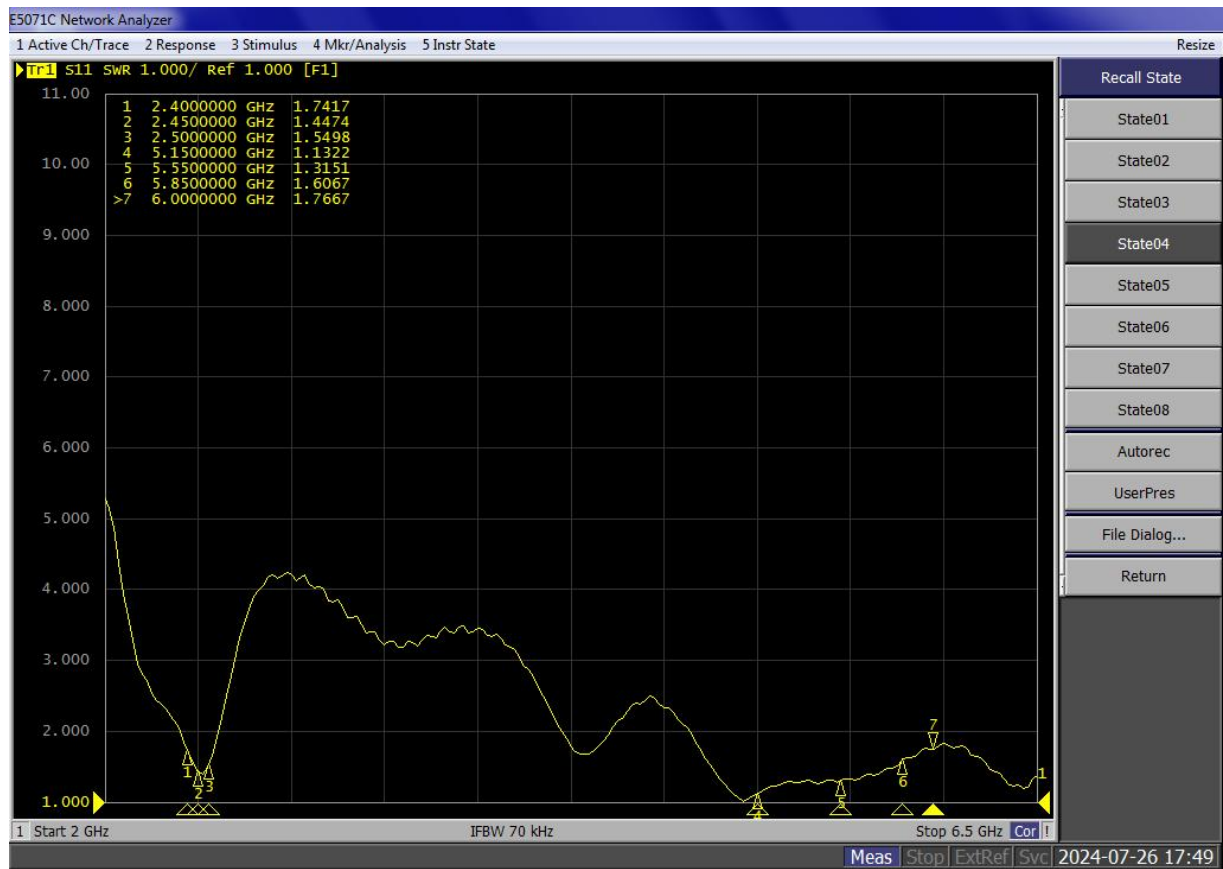
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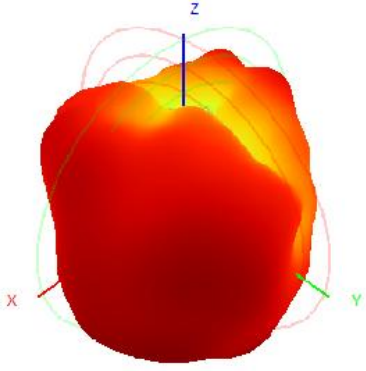
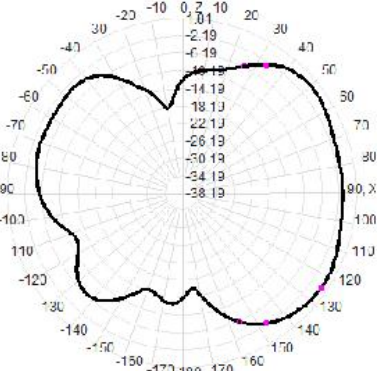
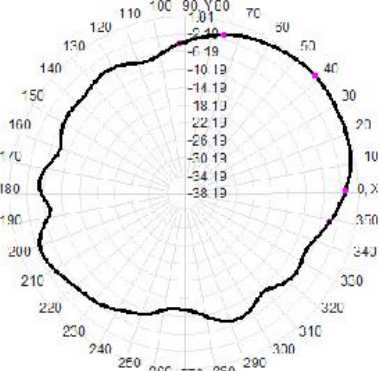
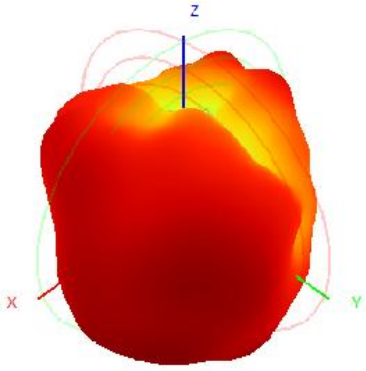
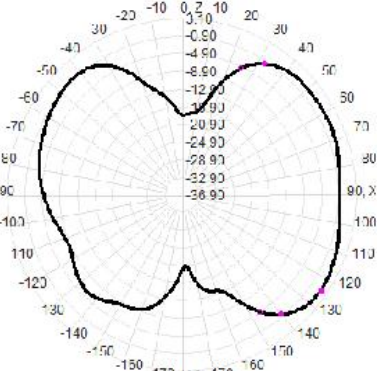
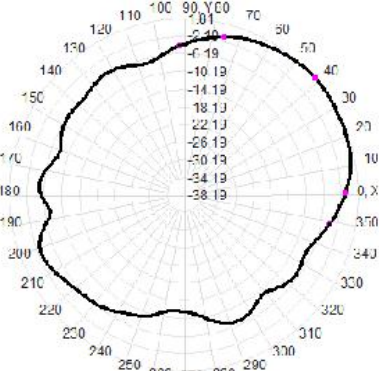
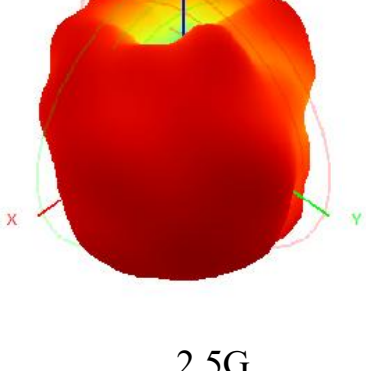
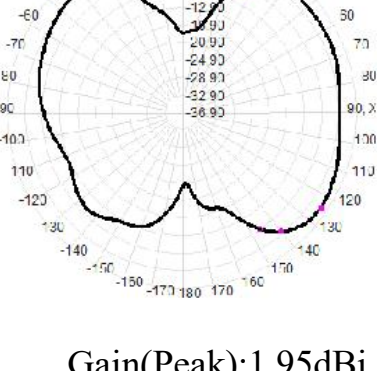
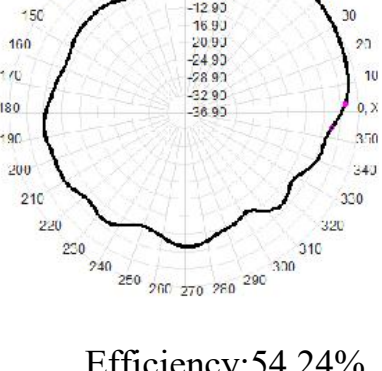
1、Main technical specifications:

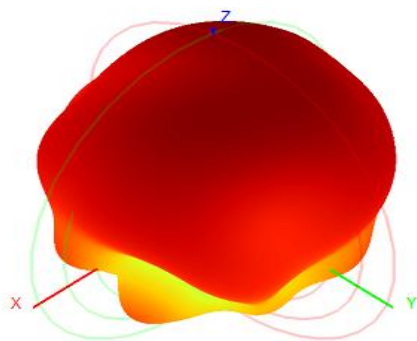
主要技术参数		Main technical specifications	
频率范围 (MHZ)	2400-2500/5150-5850	Frequency Range(MHZ)	2400-2500/5150-5850
中心频率 特性阻抗 (Ω)	50 ± 10	Impedance(Ω)	50 ± 10
增益 (dBi)	2.5 ± 0.5	Gain(dBi)	2.5 ± 0.5
反射损耗	≤ -10	ReTurnLoss(dB)	≤ -10
输出电压驻波比	≤ 2	VSWR	≤ 2
极化方式	垂直极化	Polarization	Linear Vertical
连接方式	顶针	Connector Type	Probe
物理特性		Physical Properties	
天线本体材料	FPC	Antenna Base	FPC
工作温度	$-20^{\circ}\text{C} - +60^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C} - +60^{\circ}\text{C}$
保存温度	$-20^{\circ}\text{C} - +70^{\circ}\text{C}$	Storage Temp	$-20^{\circ}\text{C} - +70^{\circ}\text{C}$

2、Network Analyzer:

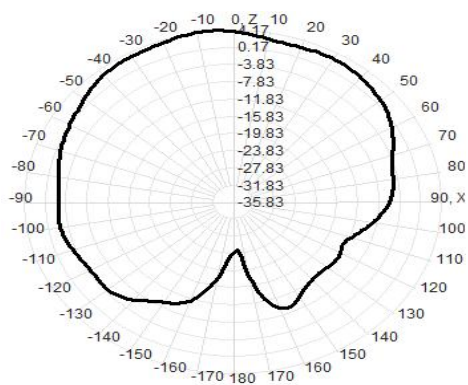


3、2D、3DRaditation Pattern

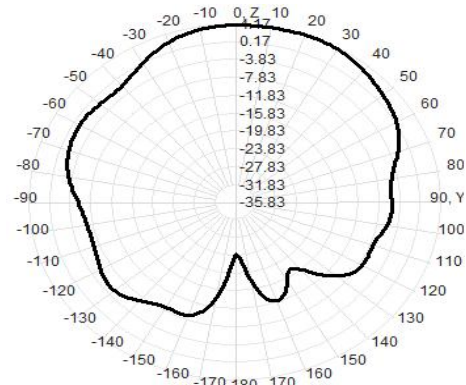
		
2.4G	Gain(Peak):1.91dBi	Efficiency:53.76%
		
2.45G	Gain(Peak):1.84dBi	Efficiency:54.79%
		
2.5G	Gain(Peak):1.95dBi	Efficiency:54.24%



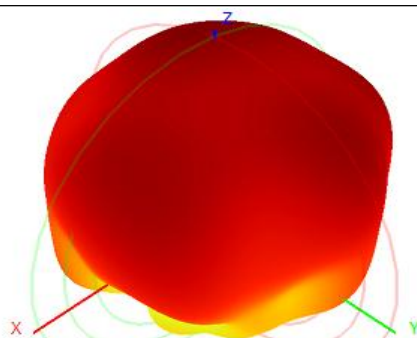
5150M



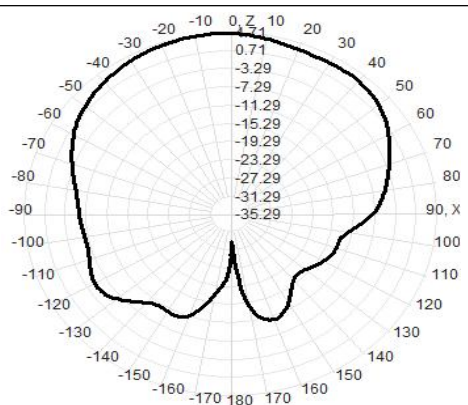
Gain(Peak):2.22dBi



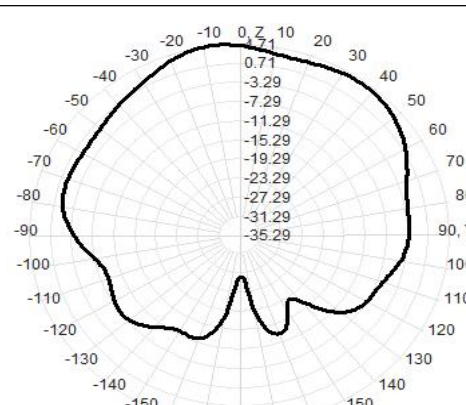
Efficiency:51.55%



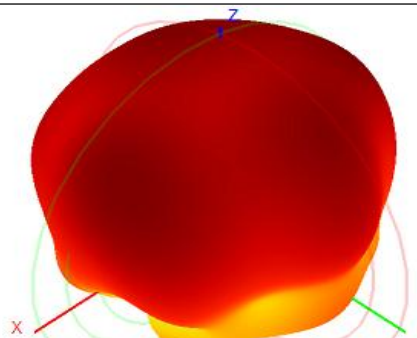
5550M



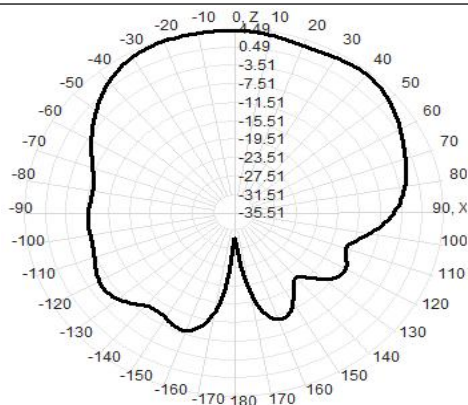
Gain(Peak):2.18dBi



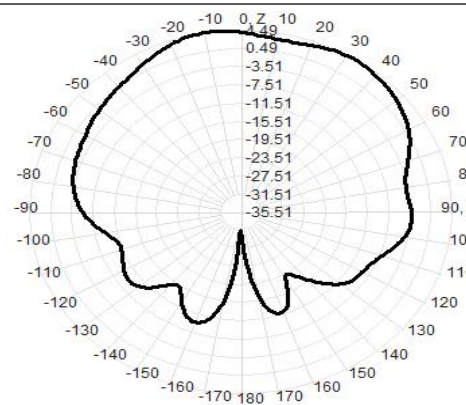
Efficiency:50.61%



5850M



Gain(Peak):2.36dBi



Efficiency:54.25%

4、Active test data:

	Band	信道	TRP	Band	信道	TIS
WIFI	802.11B-11Mbps	1	12.88	802.11B-11Mbps	1	-81.74
		6	11.15		6	-83.36
		11	10.13		11	-82.42
	802.11A-54Mbps	36	12.15	802.11A-54Mbps	36	-72.9
		149	13.64		149	-73.28
		165	12.73		165	-73

5、Assembly drawing:

