



承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4G 双注塑锥形天线

料 号

CUSTOMER P/N: SD0034MG0001

晟达产品型号

SD P/N: TDZ-24Z03-006 REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2022/06/29	



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1. 规格表:

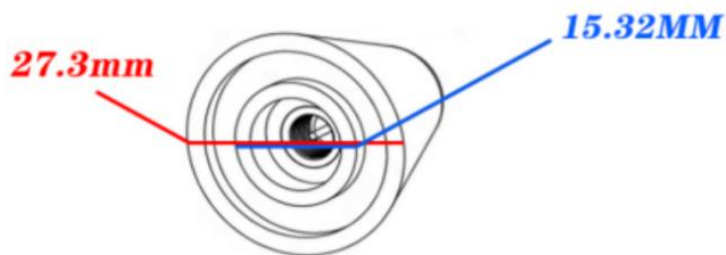
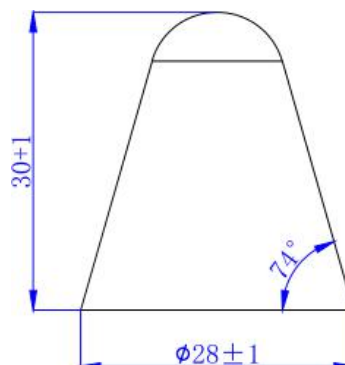
产品主要技术参数

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	4 (max)	Gain(dBi)	4 (max)
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
最大功率	10W	Admitted Power	10W
极化方式	垂直极化	Polarization	Vertical
连接方式	SMA 公头	Connector Type	SMA-J
物理性能		Physical Properties	
天线本体材料	PP+PVC	Antenna Base	PP+PVC
天线尺寸 (mm)/重量 /Weight	$\phi 28\text{mm} \times 31\text{mm}$		
工作温度	$-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$



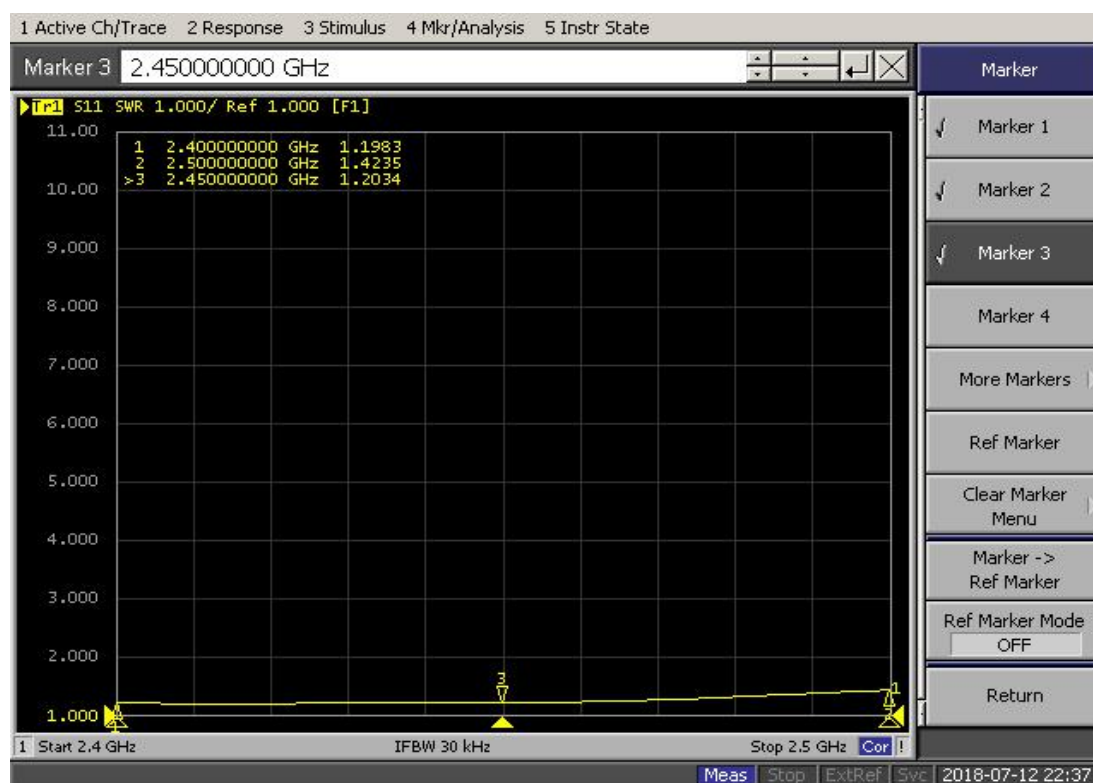
2. 成品图:

颜色: 白色



3. 测试报告

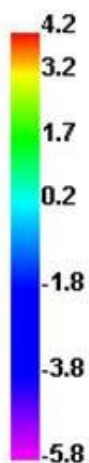
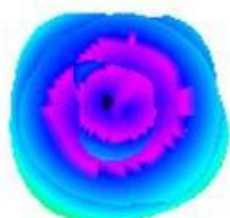
3.1: 网络分析仪测试报告



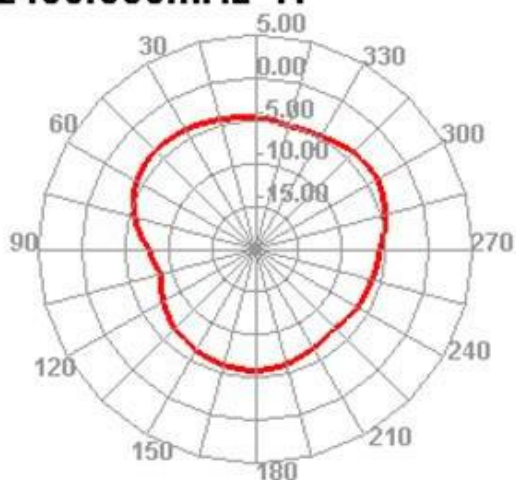


3.2 测试方向图

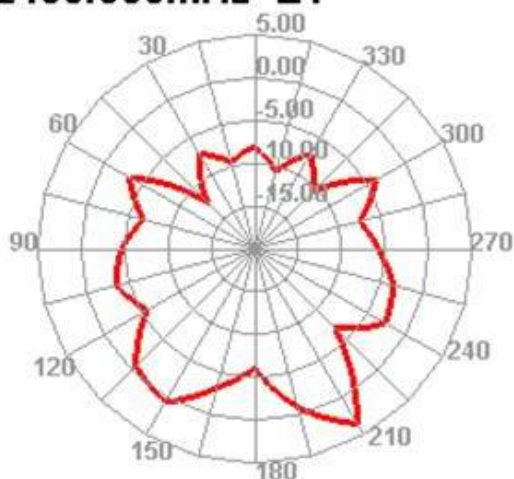
2400.000MHz



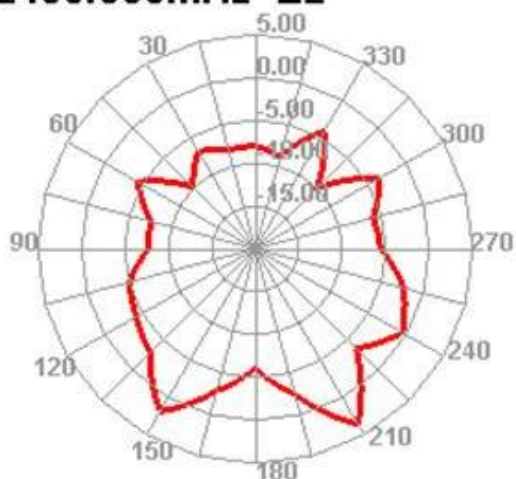
2400.000MHz H



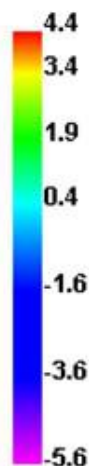
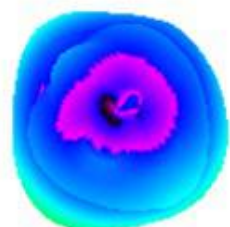
2400.000MHz E1



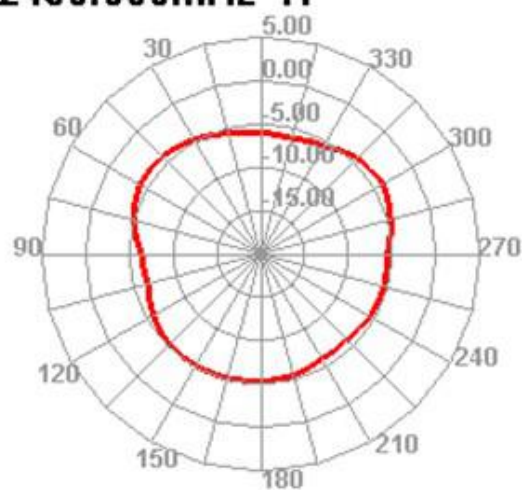
2400.000MHz E2



2450.000MHz



2450.000MHz H

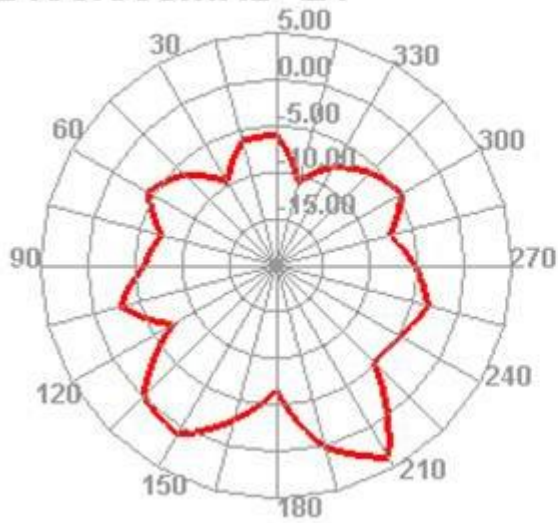




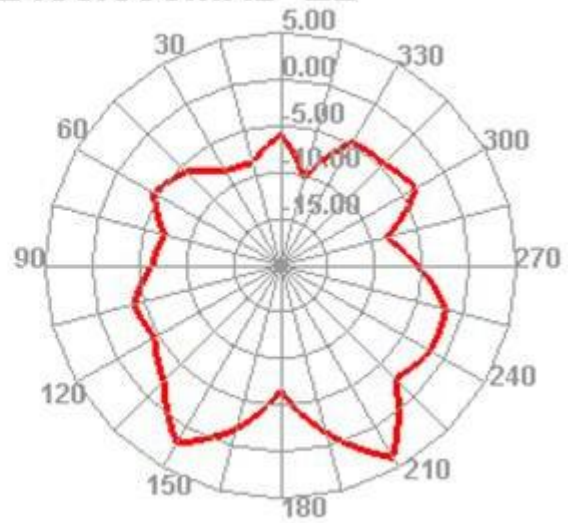
深圳市晟达通讯设备有限公司

Shenzhen Shengda Communication Equipment Co., Ltd.

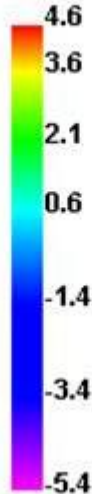
2450.000MHz E1



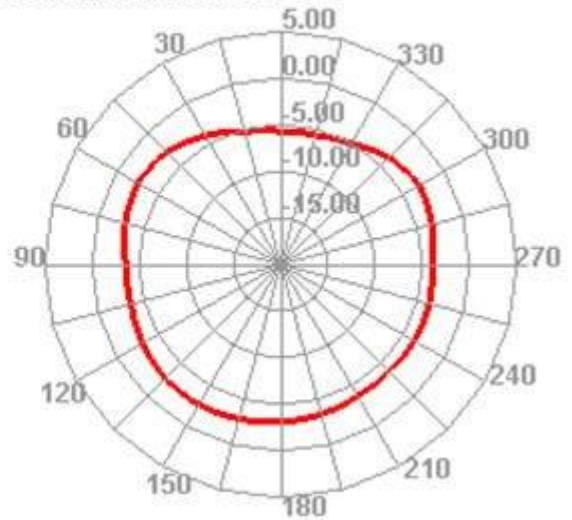
2450.000MHz E2



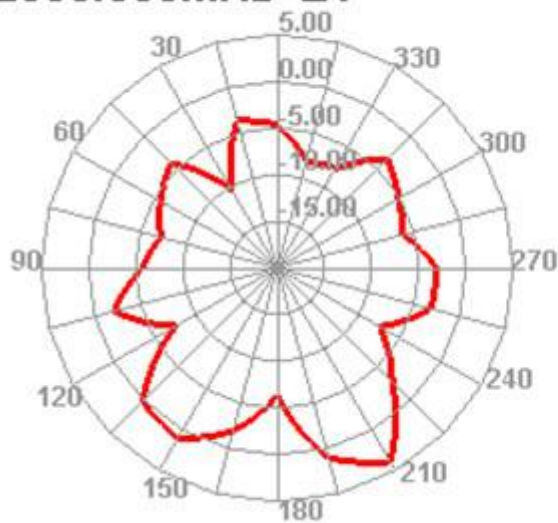
2500.000MHz



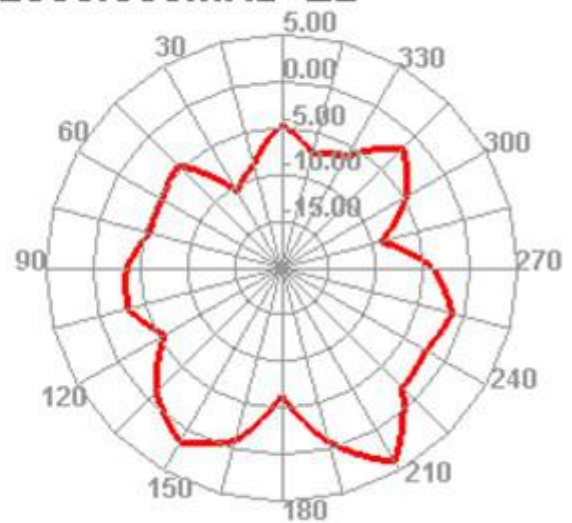
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



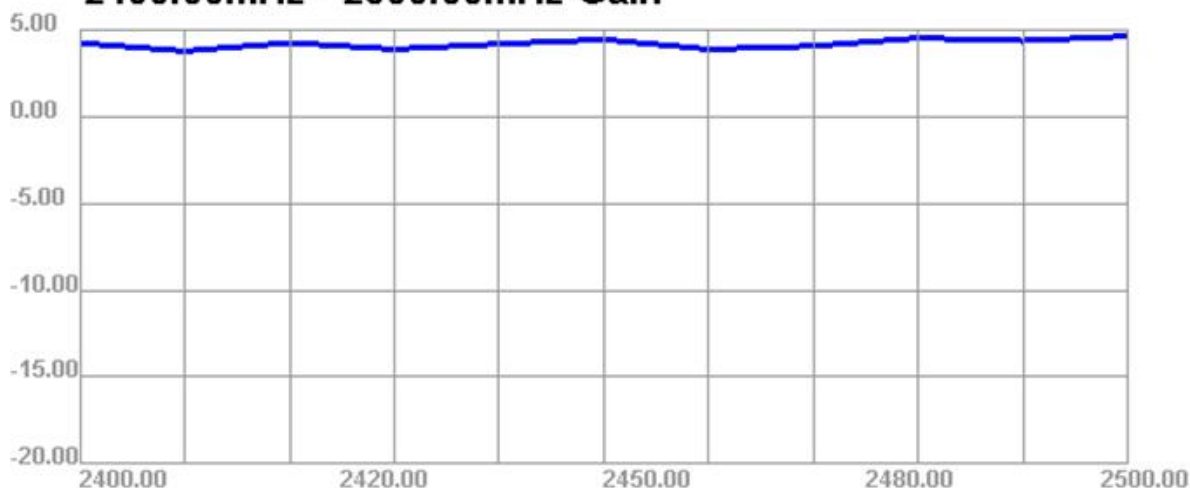


深圳市晟达通讯设备有限公司

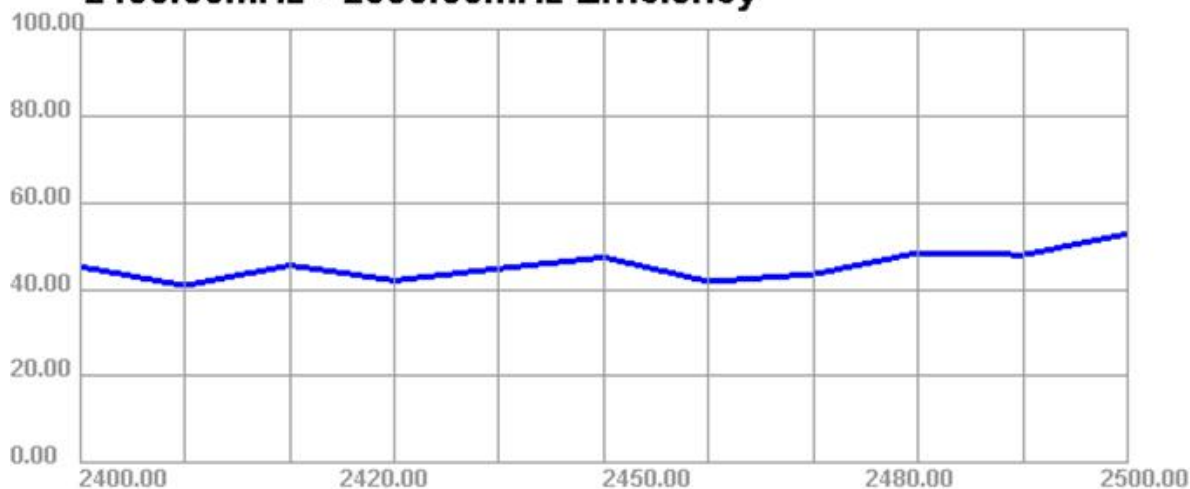
Shenzhen Shengda Communication Equipment Co., Ltd.

Passive Test For 2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	45.28	-3.44	4.23	2.08	0	0	4.23	-13.66	3.44	0	44.92	44.62
2410	40.87	-3.89	3.78	1.63	0	0	3.78	-12.01	3.89	0	44.53	44.34
2420	45.58	-3.41	4.24	2.09	0	0	4.24	-12.02	3.41	0	44.76	44.56
2430	42.1	-3.76	3.88	1.73	0	0	3.88	-12.82	3.76	0	44.72	44.53
2440	44.83	-3.48	4.18	2.03	0	0	4.18	-13.09	3.48	0	44.63	44.44
2450	47.41	-3.24	4.43	2.28	0	0	4.43	-13.02	3.24	0	44.54	44.38
2460	41.81	-3.79	3.87	1.72	0	0	3.87	-13.32	3.79	0	44.56	44.41
2470	43.54	-3.61	4.06	1.91	0	0	4.06	-12.95	3.61	0	44.55	44.35
2480	48.45	-3.15	4.52	2.37	0	0	4.52	-13.47	3.15	0	44.83	44.69
2490	47.99	-3.19	4.36	2.21	0	0	4.36	-14.57	3.19	0	44.98	44.77
2500	52.84	-2.77	4.63	2.48	0	0	4.63	-14.32	2.77	15	44.96	44.83

2400.00MHz - 2500.00MHz Gain



2400.00MHz - 2500.00MHz Efficiency



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