

深圳天磁通科技有限公司

Shenzhen Tiancitong Technology Co., Ltd.

产品名称：5.8G 4dBi 高性能全向天线

产品型号：TCTQ5800-04V30B

客户料号：

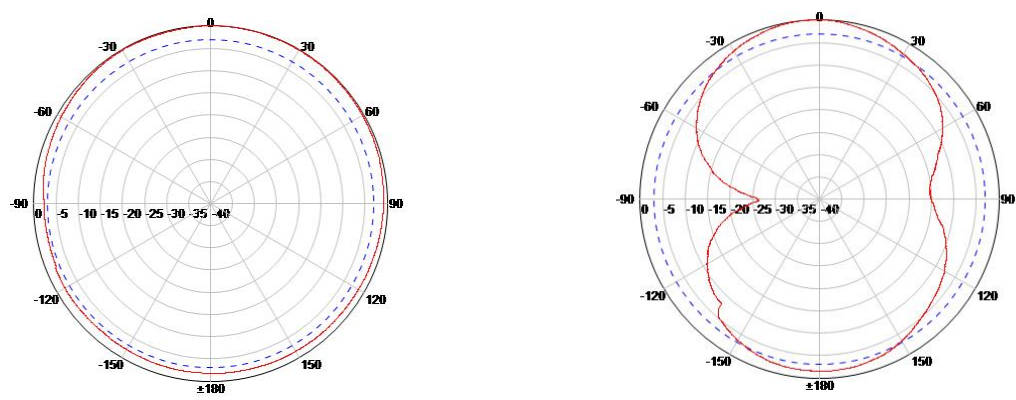
一. 天线指标参数：

电气指标：Electrical Specifications		产品图片
型号 (Model)	TCTQ5800-04V30B	
频率范围(FreqRange)	5150-5850MHz	
增益(Gain)	4±1dBi	
水平波瓣宽度(Horizontal Beamwidth)	360°	
垂直波瓣宽度(Vertical Beamwidth)	70±5°	
驻波比(VSWR)	≤1.8	
阻抗(Impedance)	50 Ω	
极化方式(Polarization)	垂直极化 (V)	
最大功率(Max. Power)	50W	
接头型号(Connector)	RPSMA-J	
防雷保护(Lightning Protection)	直流接地	
机械指标：Mechanical Specifications		安装示意图
尺寸 mm(Dimension)	Φ16*33±1 mm	
重量 kg (Weight)	0.1kg	
抗风强度(Rated Wind Velocity)	36.9 m/s	
工作湿度 (Operational Humidity)	< 95%	
工作温度(Operating temperature)	-40 ~ 55 °C	
天线外罩材料 (Radome material)	Abs+ 阻燃	

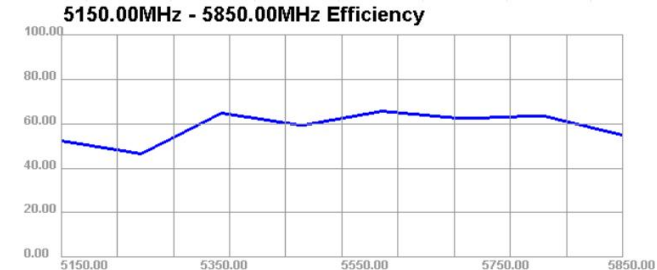
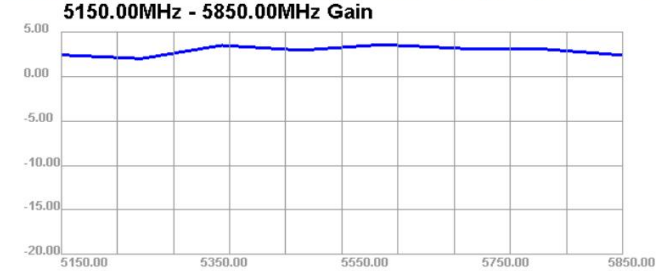
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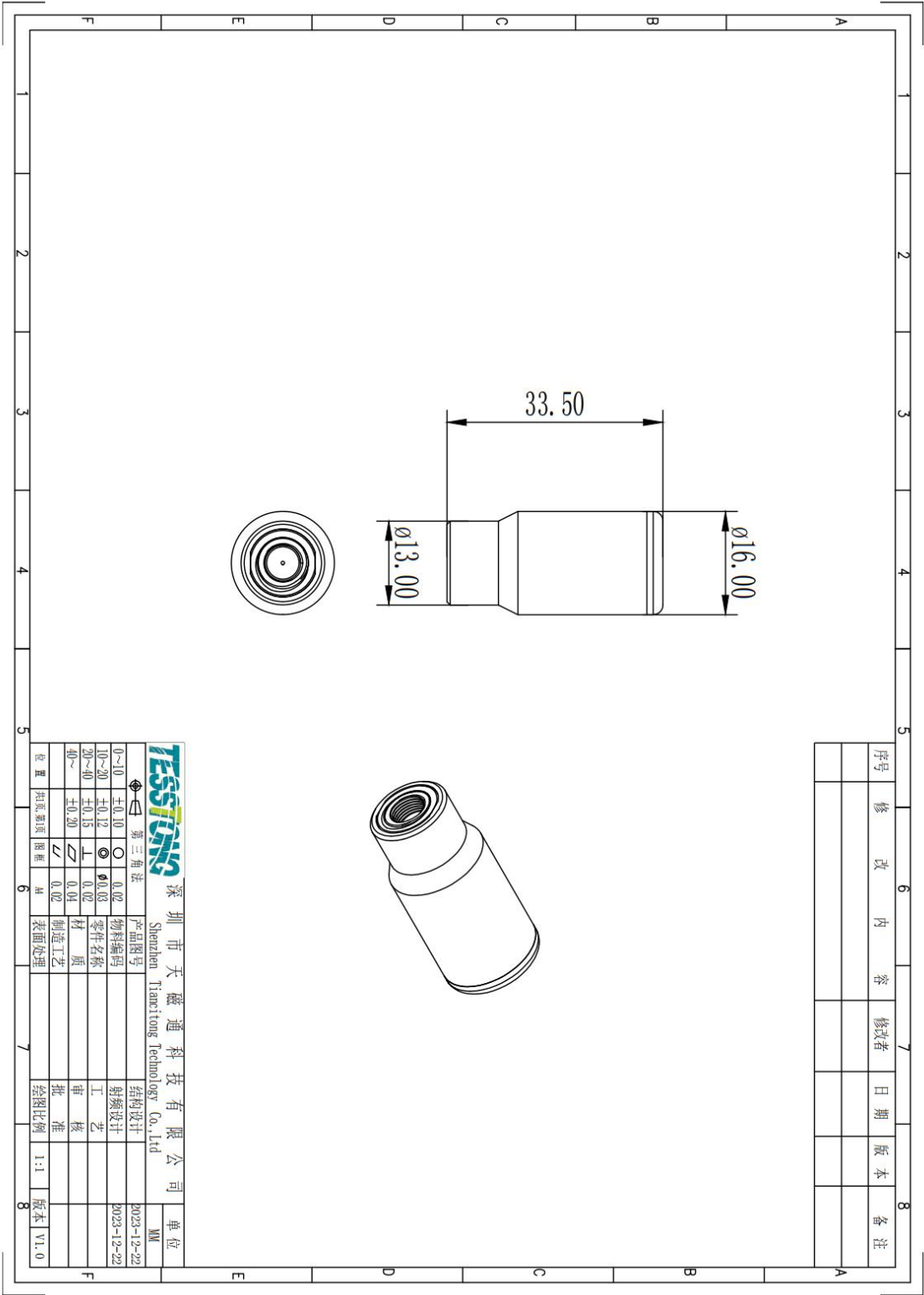
二. 方向图数据



Passive Test For DA-03												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
5150	45.3	-2.92	3.11	0.96	23.745	28.551	2.41	-12.53	5.22	0	64.69	64.28
5250	44.47	-3.33	2.83	0.83	19.645	26.822	2	-12.51	5.33	0	64.1	63.57
5350	61.75	-1.89	3.88	1.73	25.952	38.801	3.48	-13.98	5.37	0	65.73	65.1
5450	59.22	-2.28	4.36	2.21	22.552	36.67	2.93	-10.88	5.21	0	65.73	64.82
5550	65.59	-1.83	4.57	2.42	24.285	41.303	3.57	-13.48	5.4	0	67.47	66.59
5650	62.3	-2.05	4.13	1.98	24.466	37.839	3.13	-14.57	5.18	0	67.85	67.07
5750	63.6	-1.97	4.07	1.92	27.132	36.467	3.07	-14.88	5.04	0	67.74	66.97
5850	56.81	-2.61	3.68	1.53	24.799	30.015	2.38	-14.47	4.99	0	68.44	67.22



三. 尺寸图



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