



深圳市固友科技有限公司

SHENZHEN GUYOU TECHNOLOGY CO., LTD.

地址(ADD): 5th Floor, Building 4, Antongda Industrial Park, No. 1 Liuxian Avenue, Bao'an District, Shenzhen
电话 (TEL): 0755-86031011 86030933 传真(FAX): 0755-86033315 网址 (WEB): www.szguyou.com

产品规格承认书

Product specifications acknowledgment

承认厂商: _____

(Recognized manufacturers)

制造厂商: _____ SHENZHEN GUYOU TECHNOLOGY CO., LTD

(Manufacturer)

产品名称: _____ 吸盘天线/Suction-cup antenna

(Description)

产品型号: _____ GY-XPF-BBL2-GJA11

(Product Type)

供应商承认签章栏/Supplier Acknowledgment and Signature Section

制表者/Table maker	审核者/Reviewer	核准者/Approver

客户承认签章栏/Customer Acknowledgment and Signature Section

审核者/Reviewer	核准者/Approver



一、产品成品图/Image of the finished product



二、产品特点/Features

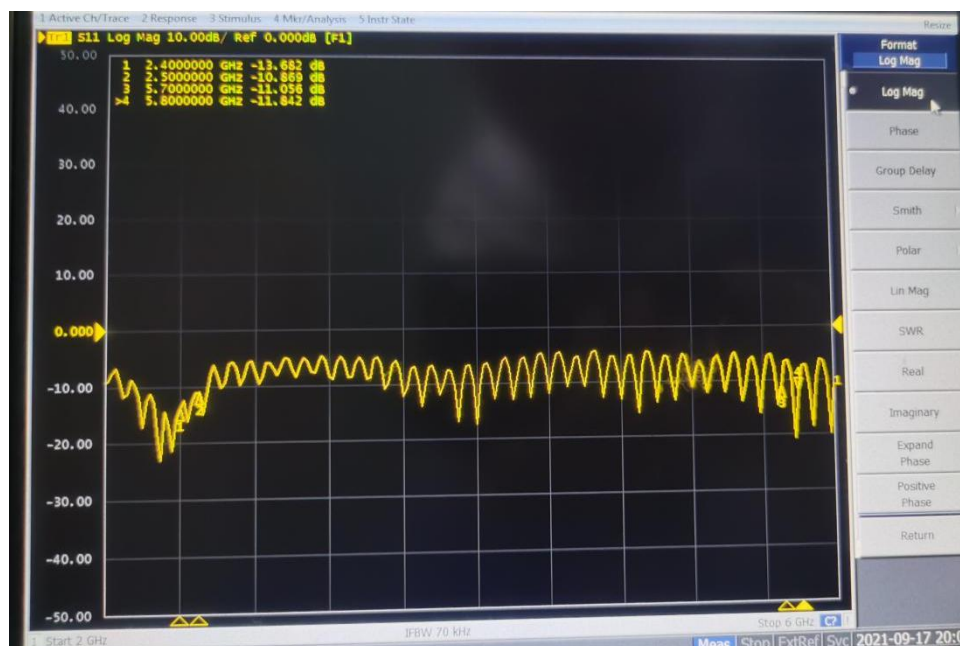
- 1.The internal antenna structure is made of carbon steel;
- 2.The housing is made of anti-aging ABS plastic, ensuring a long service life;
- 3.The SMA connector is durable and resistant to oxidation;
- 4.Features wide bandwidth, low VSWR, and excellent impedance matching;
- 5.Compact, sleek, and aesthetically pleasing design; easy to install;
- 6.Professionally designed for vehicle use, ensuring a stable signal.



三、产品参数/Product Specifications

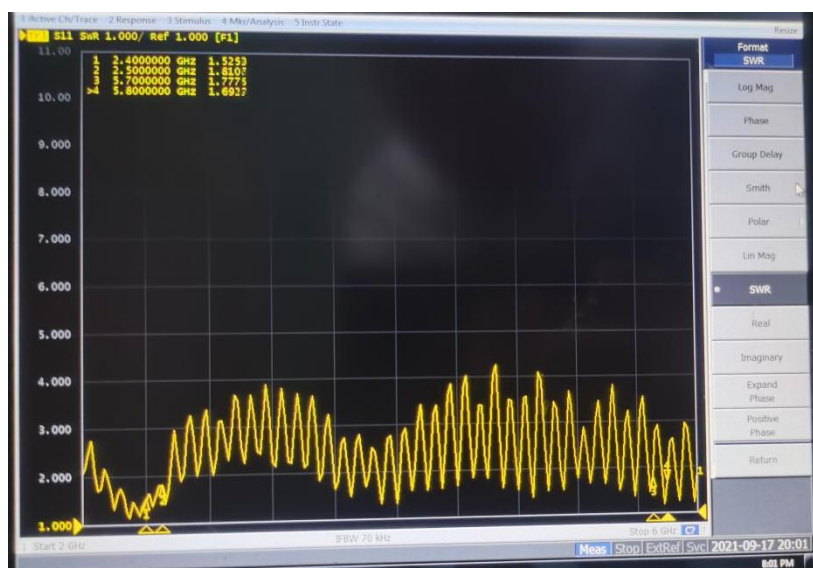
频率范围 (MHz) Frequency Range	2400-2500 5150-5850	天线杆杆高 (cm) Rod Is High	8.2	接口形式 Connector Type	RP-SMA-J1.5 Gold-plated
增益 (dB) Gain	≤ 2.7	天线总高 (cm) High total	11	外壳材料 Radome Material	ABS
电压驻波比 VSWR	≤ 2	射频线材 RF Cable	RG174 黑色线 $\Phi 2.8 \pm 0.1 \text{mm}$, black	外壳颜色 Radome Color	黑色/Black
阻抗 (ohm) Impedence	50 ohm	电缆长度 (mm) Line L Length	2000 ± 5	固定方式 Mounting	磁铁/magnet
极化方式 Polarization	线极化/ Linear polarization	工作温度 (°C) Working Temp	$-30 \sim +70$	湿度 Humidity	Humidity 95%~100% RH

四、回波损耗/Return loss





五、电压驻波比 /Voltage Standing Wave Ratio



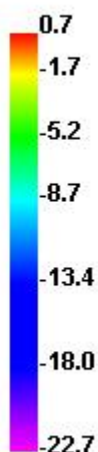
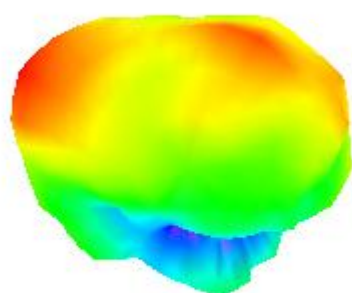
六、测试数据 /Test data

Passive Test For 2.4G								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	40.35	-3.94	0.86	-1.29	0.86	-18.65	50.49	50.37
2410	40.2	-3.96	0.87	-1.28	0.87	-18.39	50.38	50.42
2420	40.2	-3.96	0.92	-1.23	0.92	-18.3	50.52	50.43
2430	43.59	-3.61	1.52	-0.63	1.52	-17.74	50.69	50.69
2440	49.01	-3.1	2.25	0.1	2.25	-17.33	51.06	51.02
2450	52.57	-2.79	2.69	0.54	2.69	-20.07	51.45	51.36
2460	50.17	-3	2.5	0.35	2.5	-22.73	51.43	51.33
2470	46.2	-3.35	2.07	-0.08	2.07	-21.27	51.35	51.32
2480	43.14	-3.65	1.75	-0.4	1.75	-18.6	51.45	51.27
2490	41.4	-3.83	1.55	-0.6	1.55	-17.21	51.58	51.56
2500	41.63	-3.81	1.55	-0.6	1.55	-17.45	51.51	51.39
Passive Test For 5.8g								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
5100	25.29	-7.12	0.6	-1.55	0.6	-29.6	62.07	62.78
5180	24.01	-7.4	-0.31	-2.46	-0.31	-26.57	61.83	62.43

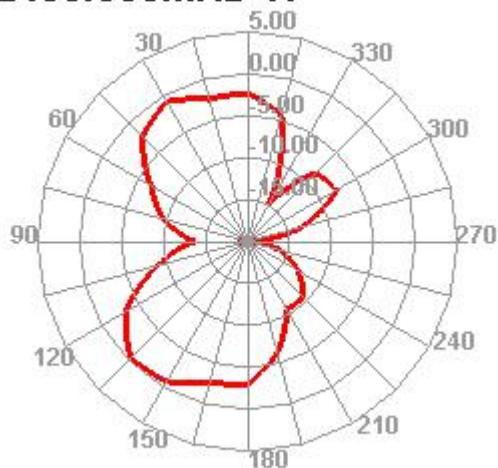


5260	21.66	-7.97	-1.53	-3.68	-1.53	-30.14	61.49	62.05
5340	21.18	-8.09	-2.27	-4.42	-2.27	-27.45	61.79	62.18
5420	22.44	-7.77	-1.76	-3.91	-1.76	-27.24	62.25	62.7
5500	26.77	-6.82	-0.61	-2.76	-0.61	-29.77	62.37	62.97
5580	28.63	-6.47	-0.14	-2.29	-0.14	-29.6	62.86	63.25
5660	25.33	-7.12	-0.78	-2.93	-0.78	-27.63	62.43	62.8
5740	24.25	-7.35	-0.86	-3.01	-0.86	-26.81	62.47	62.9
5820	21.96	-7.89	-1.3	-3.45	-1.3	-25.55	62.36	62.59
5900	22.7	-7.71	-1.13	-3.28	-1.13	-26.96	62.79	63.28

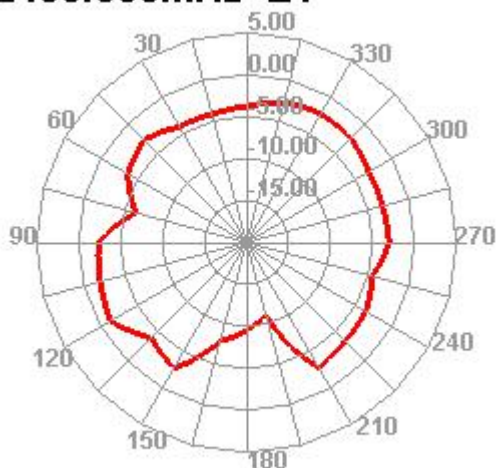
2400.000MHz



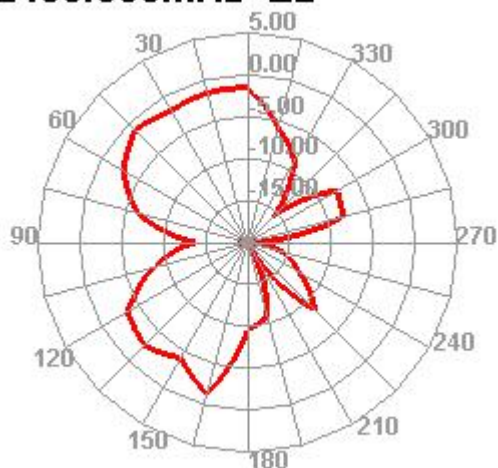
2400.000MHz H



2400.000MHz E1

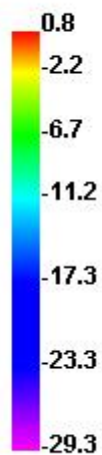
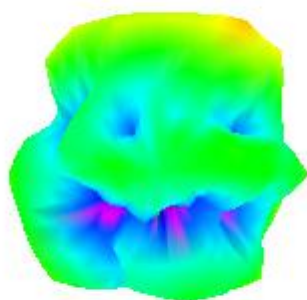


2400.000MHz E2

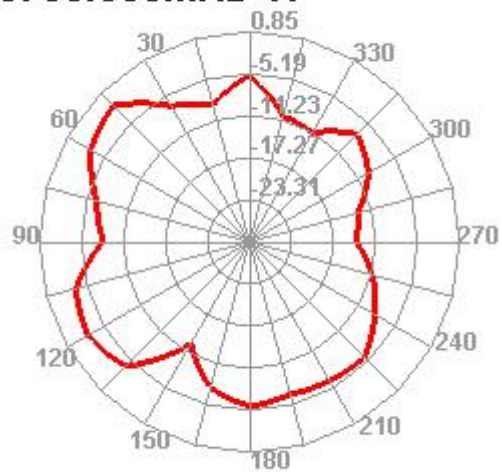




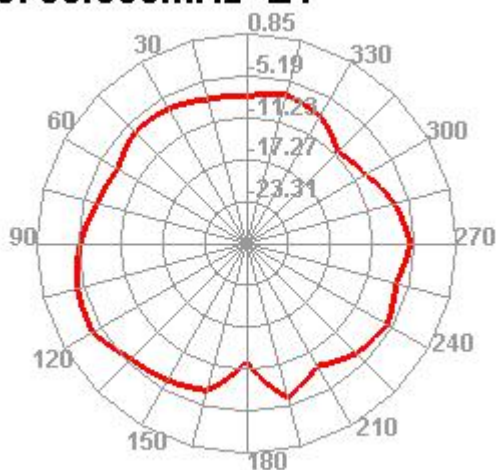
5700.000MHz



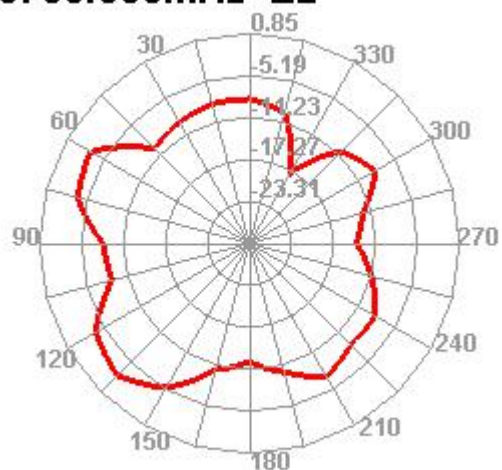
5700.000MHz H



5700.000MHz E1



5700.000MHz E2





七、产品结构/Product Structure

