

三合一天线规格书

WiFi/GPS antenna specification

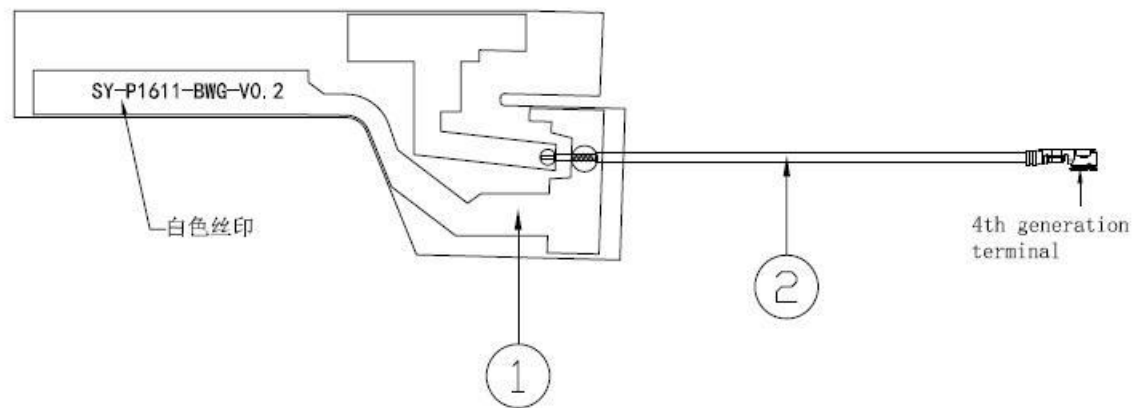
基本信息

General information

制造商 Manufacturer	上海尚远通讯科技有限公司
天线型号 Model Name	P1611
日期 Date	2024.9.03
版本 Version	1.0
制造商地址 Vendor address	上海市青浦区高光路215弄99号4号楼1楼

天线外观

Antenna Appearance



技术规格

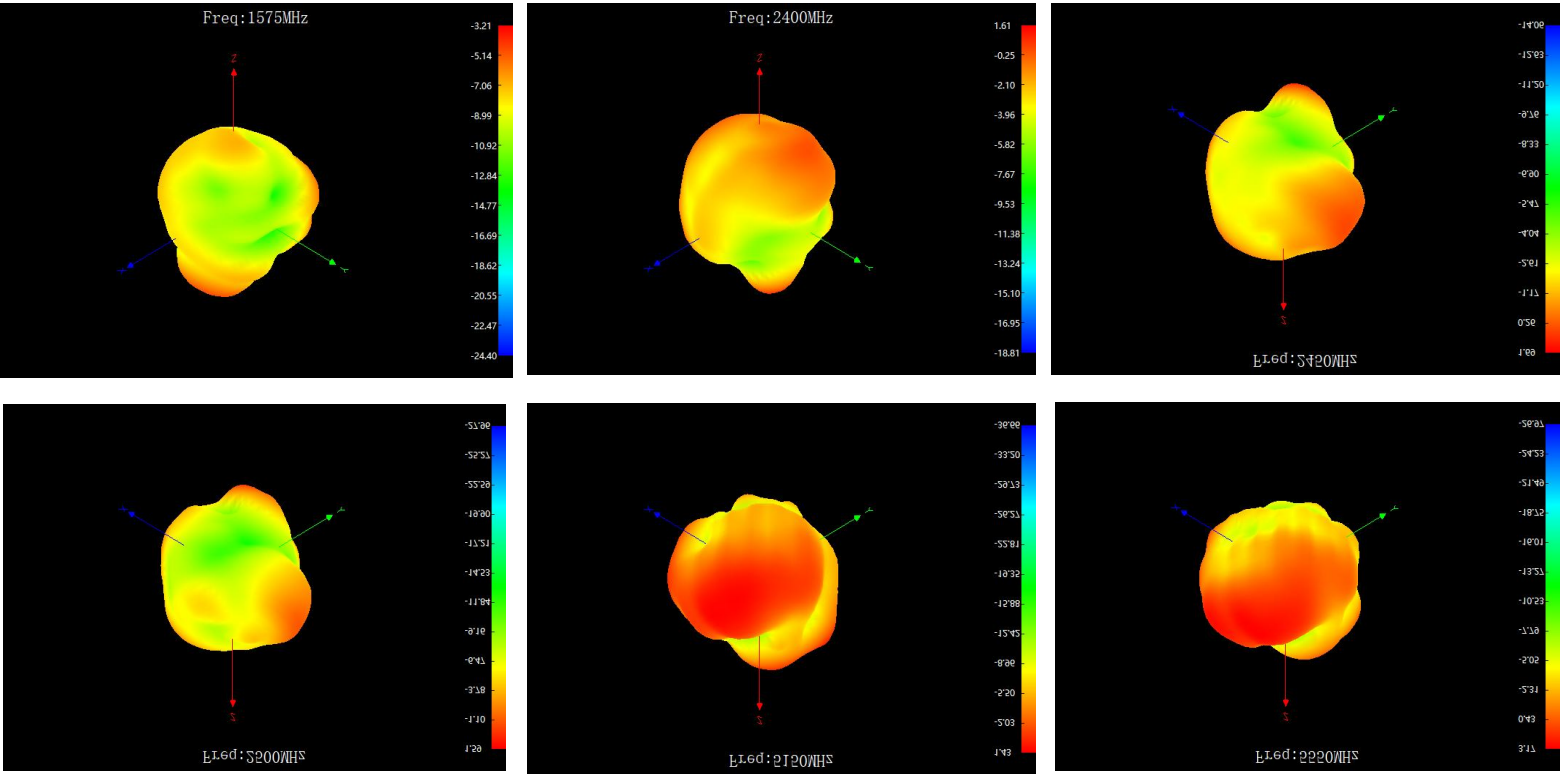
Technical Specifications

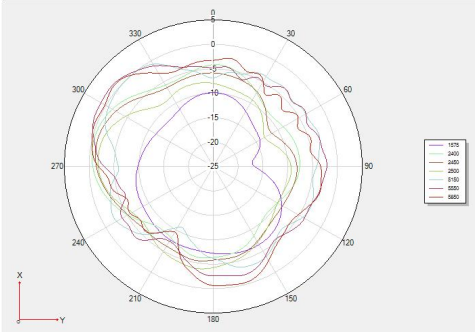
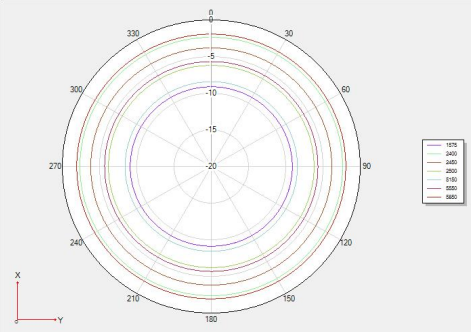
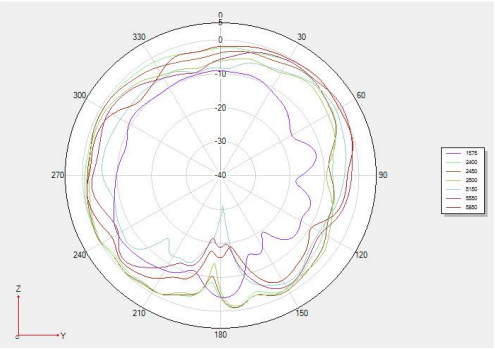
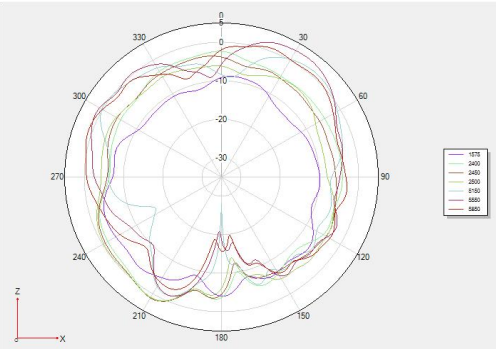
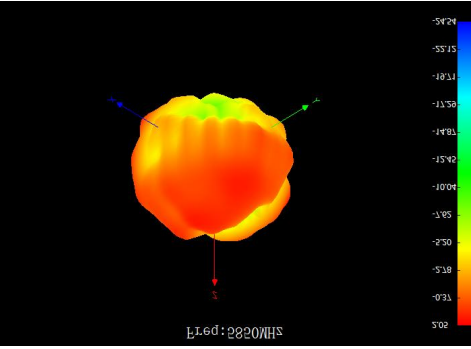
频率范围 Frequency Range	1575+2400-2500+5150-5850MHZ
天线类型 Antenna Type	MONOPOLE
尺寸 Dimensions	58.29*23.68mm
阻抗 Impedance	50 ohm
最大增益 Maximum Gain	3.27dbi
.....	

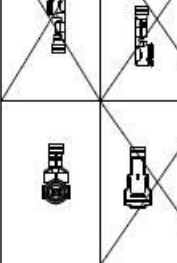
Gain

Frequency/MHz	MaxGain/dBi	Frequency/MHz	MaxGain/dBi	Frequency/MHz	MaxGain/dBi	Frequency/MHz	MaxGain/dBi
1570	-2.28	2400	1.61	5150	1.43	5525	2.92
1571	-2.25	2410	1.4	5175	2.20	5550	3.17
1572	-2.24	2420	1.66	5200	2.73	5575	3.27
1573	-2.23	2430	1.82	5225	2.67	5600	3.02
1574	-2.21	2440	1.73	5250	2.35	5625	3.07
1575	-2.21	2450	1.69	5275	2.54	5650	2.81
1576	-2.21	2460	1.84	5300	2.66	5675	2.65
		2470	1.68	5325	2.71	5700	2.41
		2480	1.74	5350	2.31	5725	2.34
		2490	1.66	5375	2.37	5750	2.14
		2500	1.59	5400	2.45	5775	2.11
				5425	2.55	5800	2.18
				5450	2.78	5825	1.96
				5475	2.95	5850	2.05
				5500	3.17	5875	2.04

Free space 3D radation pattern

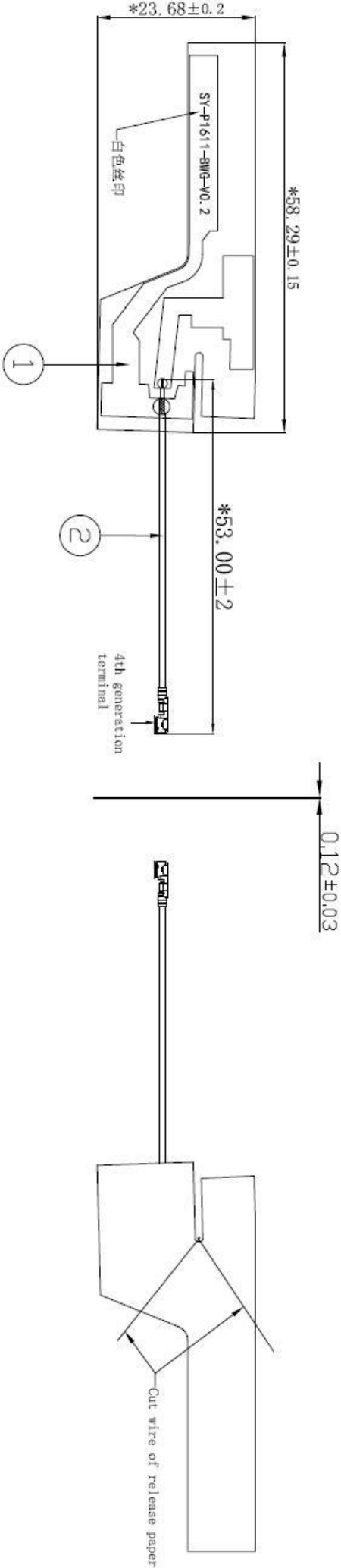






positive

Back adhesive surface



Technical requirements:
The key inspection size is marked with “*”;
Auxiliary materials cannot be stored off center;

The appearance requirements all comply with the antenna inspection standards, and there shall be no unwelded or detached effects when soldering PCB on the same axis. The terminal direction shall not be soldered incorrectly; The height of the solder joint could be controlled within 2.2mm Refer to the general tolerance table for unmarked tolerances;

◆ Size as reference, subject to

②	cable	SH233661B21-1		black	1
①	FPC	SH233661B03-1		black	1

Sunnyway Technology (China) Co.,Ltd.				
	PART NAME: P1611 BWC FPC		DATE:	2024. 06
	PART NO: SH233661B77		DRAWN:	medah
	RF: helanglang		Tel:	18665329
	PM: maronglai		Tel:	15921555
	TOLERANCE X.X ±0.25 .XX ±0.25 .XXX ±0.05 ANGULAR ∠±0.5°		MATERIAL: FPC+同轴线+点胶	
FINISHING:		CHECKED:	yujiang	
		APPROVED:		