

4G天线规格书

CAT1 antenna specification

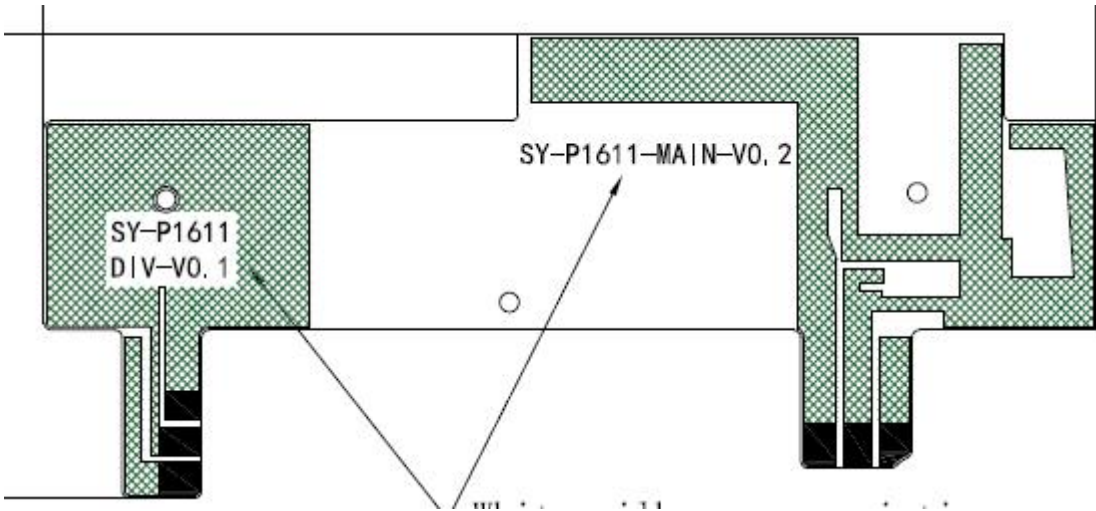
基本信息

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

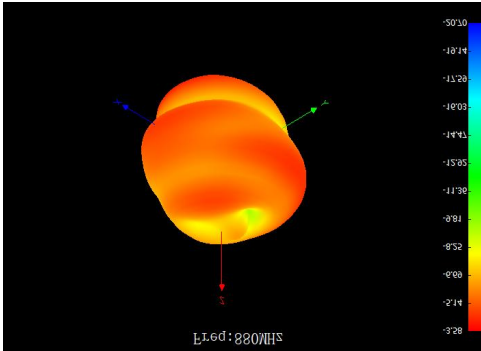
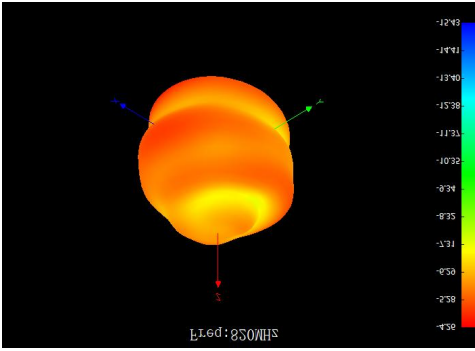
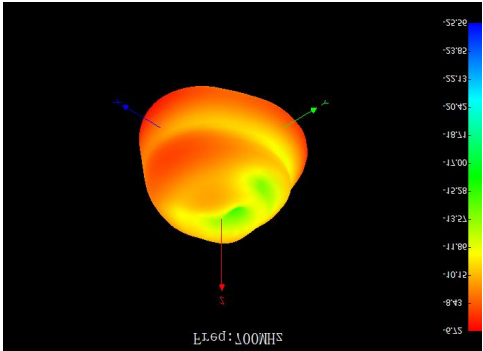
Technical Specifications

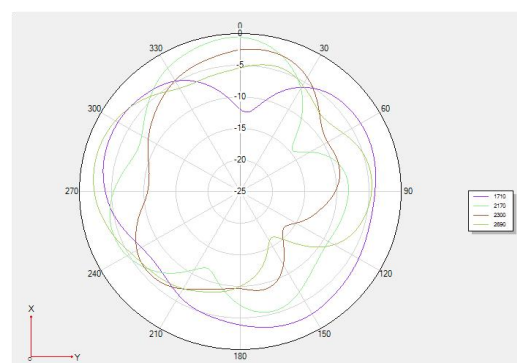
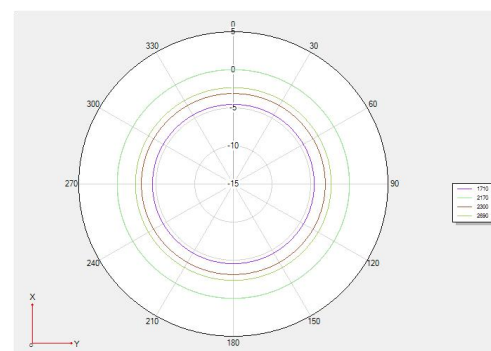
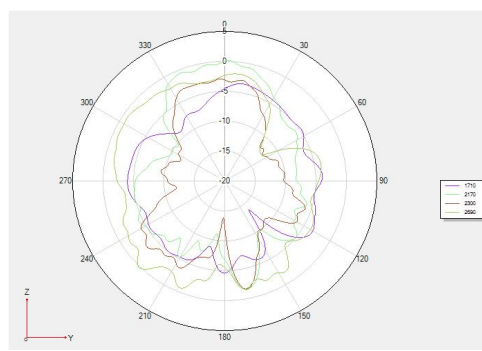
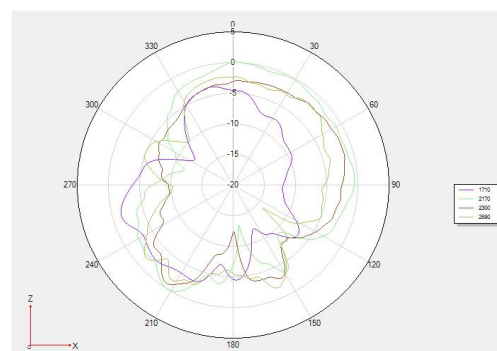
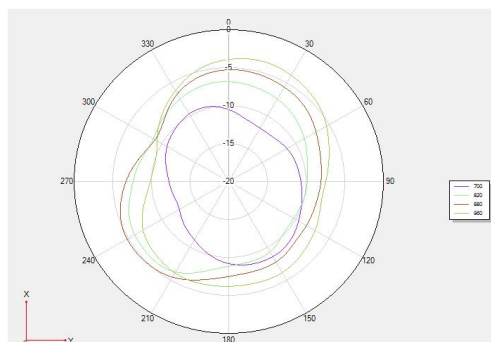
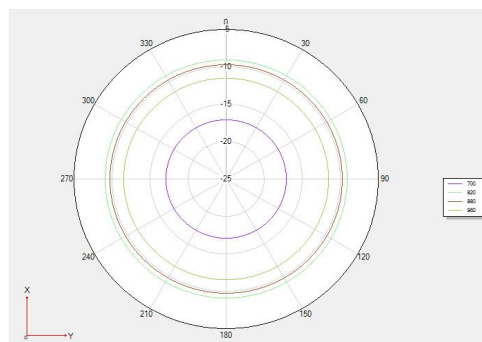
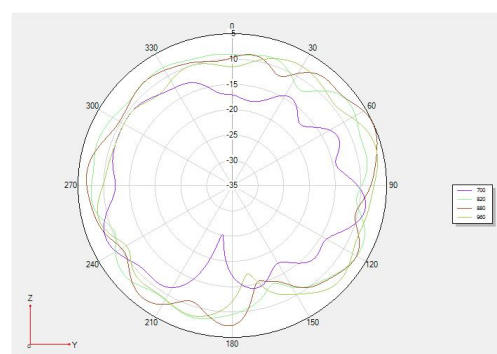
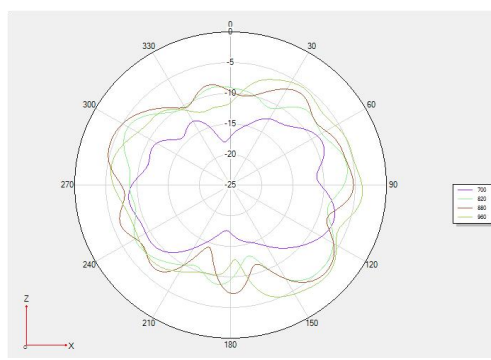
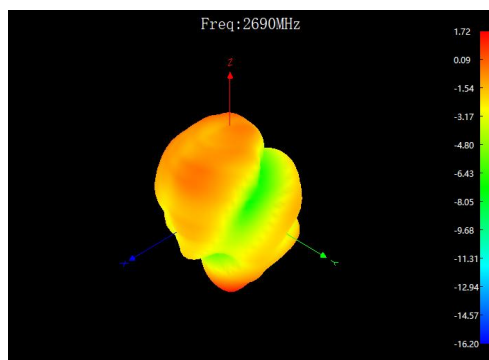
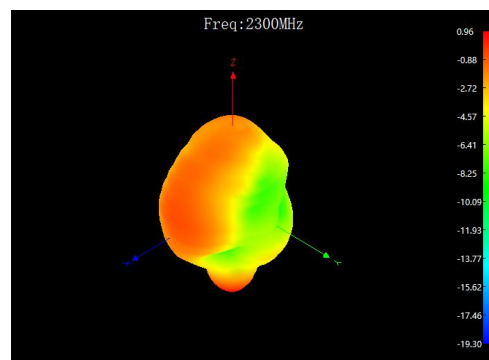
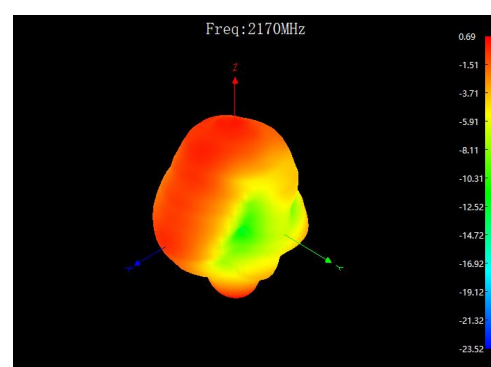
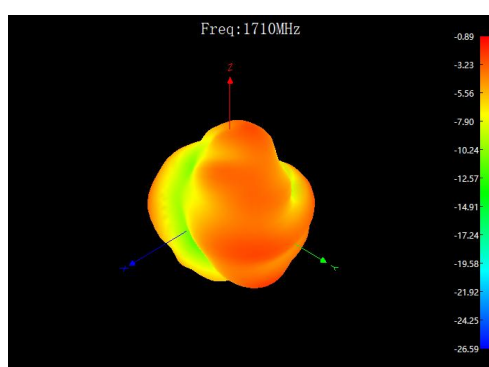
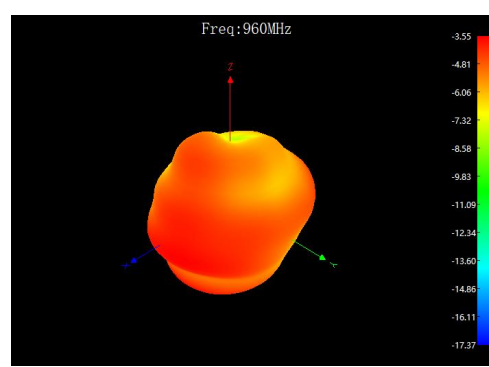
频率范围 Frequency Range	700-960+1710-2690MHZ
天线类型 Antenna Type	PIFA
尺寸 Dimensions	74.84*32.83mm
阻抗 Impedance	50 ohm
最大增益 Maximum Gain	2.58dbi
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Gain

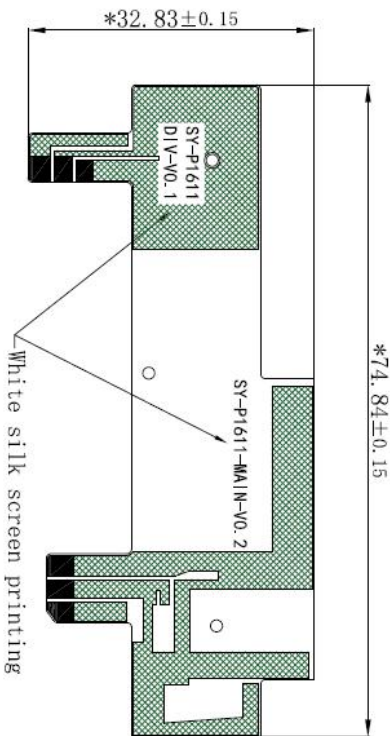
Frequency/ MHz	MaxGain/d Bi	Frequency/ MHz	MaxGain/d Bi	Frequency/ MHz	MaxGain/d Bi	Frequency/ MHz	MaxGain/d Bi	Frequency/ MHz	MaxGain/d Bi
700	-6.72	1710	-0.89	1980	0.31	2250	0.75	2520	1.69
710	-6.32	1720	-1.24	1990	0.47	2260	1.09	2530	1.46
720	-5.69	1730	-0.88	2000	0.46	2270	1.03	2540	1.58
730	-5.83	1740	-0.94	2010	0.28	2280	1.25	2550	1.64
740	-6.94	1750	-0.78	2020	0.31	2290	0.77	2560	1.62
750	-7.51	1760	-0.81	2030	0.34	2300	0.96	2570	1.63
760	-6.75	1770	-1.04	2040	0.51	2310	0.61	2580	1.84
770	-6.22	1780	-1.31	2050	0.46	2320	0.97	2590	2.12
780	-5.79	1790	-1.58	2060	0.2	2330	0.73	2600	2.2
790	-5.58	1800	-1.62	2070	-0.1	2340	0.93	2610	2.42
800	-5.71	1810	-1.79	2080	-0.45	2350	0.44	2620	2.58
810	-4.58	1820	-1.49	2090	-0.77	2360	0.51	2630	2.51
820	-4.26	1830	-1.49	2100	-0.78	2370	-0.03	2640	2.44
830	-4.3	1840	-1.31	2110	-0.59	2380	0.47	2650	2.26
840	-3.82	1850	-1.62	2120	-0.62	2390	0.4	2660	1.95
850	-3.39	1860	-1.94	2130	-0.42	2400	0.71	2670	1.86
860	-2.94	1870	-2.08	2140	-0.3	2410	0.48	2680	1.74
870	-3.37	1880	-2.04	2150	-0.03	2420	0.64	2690	1.72
880	-3.58	1890	-1.87	2160	0.34	2430	0.9		
890	-3.36	1900	-1.39	2170	0.69	2440	0.93		
900	-3.44	1910	-0.55	2180	0.93	2450	1.1		
910	-3.64	1920	-0.09	2190	1.14	2460	1.37		
920	-3.83	1930	-0.08	2200	1.3	2470	1.21		
930	-3.97	1940	0.04	2210	1.51	2480	1.31		
940	-3.79	1950	0	2220	1.83	2490	1.28		
950	-3.48	1960	0.17	2230	2.02	2500	1.41		
960	-3.55	1970	0.15	2240	0.9	2510	1.39		

Free space 3D radiation pattern



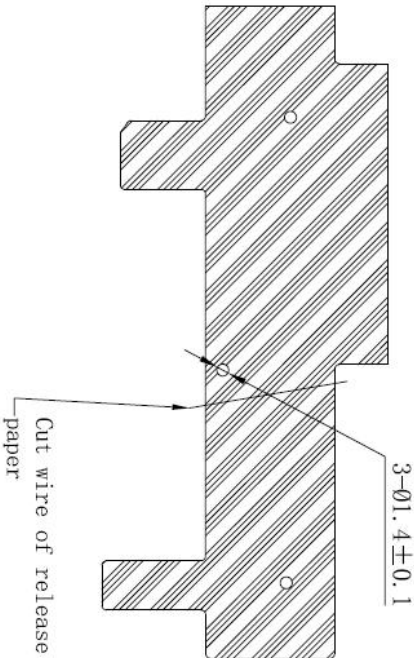


positive



*0.11±0.05

Back adhesive surface



technical requirement

1. Shipping packaging requirements: (Micro mucosal packaging)
2. The copper surface is coated with black matte finish;
3. The ink should be uniform;
4. Sizes marked with "*" are the key dimensions;
5. Use 3M94711se for backing adhesive;
6. The substrate uses PI T=12.5um;
7. Copper foil thickness of 0.5oz;
8. The unmarked rounded corners are all 0.2, and the process edge is 0.2mm;
9. For unmarked tolerances, follow the general tolerance table;
10. The product meets the requirements of RoHS 2.0 and REACH standards.

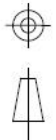


Copper foil area

Gold plated area

Adhesive backing area

Sunnyway Technology (China) Co., Ltd.



TOLERANCE
X.X ±0.25
.XX ±0.25
.XXX ±0.05
ANGULAR <±0.5°

UNIT:mm

PART NAME:PI1611 MAIN+DIV FPC				DATE:	2024.06.04
PART NO: SH233661B75				DRAWN:	medaheng
RF: helanglang				Tel:	18665329591
PM: maronglai				Tel:	15921558333
MATERIAL:				CHECKED:	yujiang
FINISHING:				APPROVED:	
COLOUR: black		SCALE:1:1		REV:1s02	