Shanghai Sunnyway Communication Technology Limited Company

Skyline Acknowledgement Book

Customer：祥承	The project：P1291
Operating frequency band：**GSM850/ 900/1800/1900 +WCDMA1/2/4/5/8+LTE Band 1/2/3/4/5/7/8/12/17/25/26/28+TDD Band/38/40/41　GPS/WIFI2.4&WIFI5G**	
Motherboard version：	

Shangyuan material specifications		
Specifications and models	Shangyuan material number	Customer part number
MAIN	SH22111IB75-1	
BGW	SH22111IB75-2	
DIV	SH22111IB75-3	

The record of project changes			
Date of preparation/change	Changes	Change of person	version

Sunnyway counter-signature bar				
Research and development	ME：	Auditor：	QE：	Approver：
	RF：	Auditor：		

Client Counter-signature bar			
EE	PM	RF	QE

Tel：＋86-021-60835368 （Shanghai）；＋86-0755-82504258（Shenzhen）

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目录

1. Project information

Machine information

Antenna information

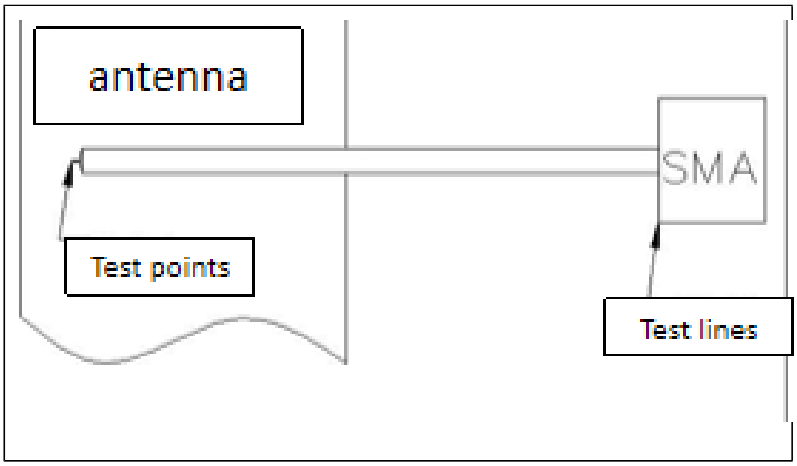
	Antenna version
MAIN	SY_P1291_MAIN_V0.8
DIV	SY_P1291_DIV_V0.5
W/G/BT	SY_P1291_BWG_V0.6

Note: The customer finally verified that the antenna performance prototype was retained in our company for at least one year, which is convenient for analysis and solution to abnormal situations in antenna mass production.
Ensure antenna shipment quality.

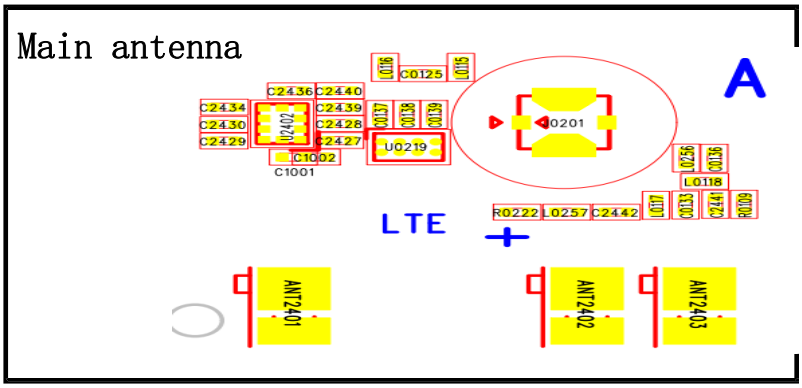
2. Test fixtures

Purpose: To test the passive parameters of the antenna as accurately as possible.

How to make: The prototyping mechanism is made of a 50 ohm coaxial cable, one end is connected to the test point at the back of the matching circuit of the prototype motherboard (the front of the RF test hole), and the other end is connected to the SMA connector. The schematic diagram is as follows:



3. Matching circuits

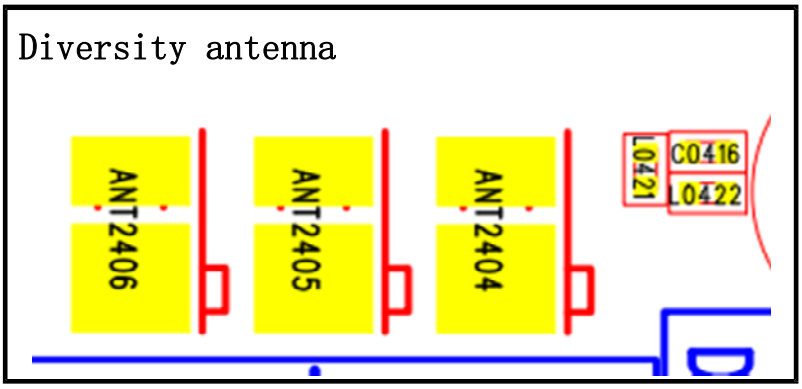


Element	Value	Main circuit electronic components
E1	7.5nH	L0117
E2	0Ω	C0113
E3	0.5pF	L0118
E4	0Ω	C0136
E5	N/A	L0258

	Value	Electronic components of tuner	frequency (MHz)
RF1	47nH	C2427	B12/B17/B28/B7/B38/B41
RF2	4.7nH	C2428	GSM850TRP/W5/B5/B26/B20
RF3	15PF	C2429	GSM900TIS
RF4	0Ω	C2430	GSM900TRP//GSM850TIS/GSM1800/GSM1900/W1/W2/W4/W8/B1/B2/B3/B4/B25/B40

Shanghai Shangyuan Communication Technology Co., Ltd. antenna recognition

Diversity antenna



Element	Value	Main circuit electronic components
E1	5.6nh	L0241
E2	0Ω	C0416
E3	N/A	L0422

3-in-1 antenna

Element	Value	Main circuit electronic components
E1	N/A	T1201
E2	0Ω	C1216
E3	N/A	L1206
E4	0Ω	C1215
E5	N/A	C1217

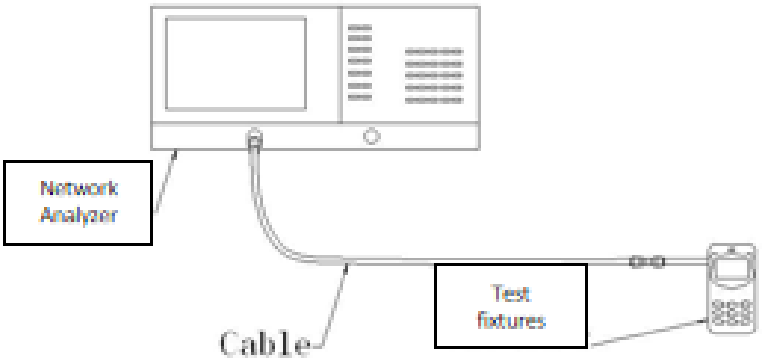
4. S11 test

S11 Test Method Description

Test Equipment: Network Analyzer (E5071C)

Test method: A 50 ohm CABLE cable is derived from the instrument test port, and the SMA connector of the prototype is connected after calibration using the calibrator to record the return loss and standing wave ratio corresponding to the relevant frequency point.

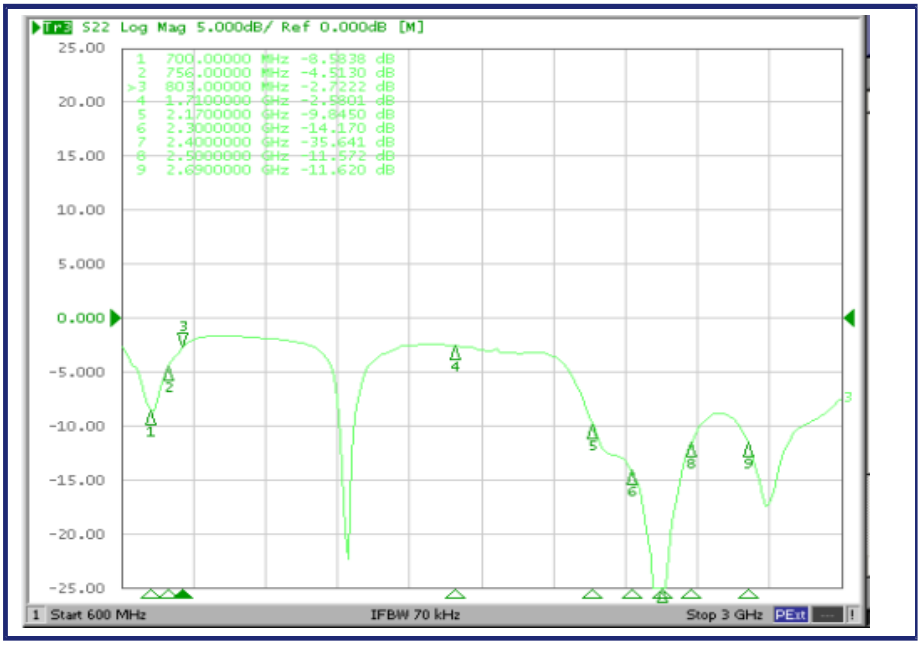
The test diagram is as follows:



Test the schematic

4.2 S11 parameter

Primary antenna/RF1



MAIN	RF1
frequency (MHz)	Log Mag
700	-8.5
803	-2.7
1710	-2.5
2170	-9.8
2300	-14.1
2400	-35.6
2500	-11.5
2690	-11.6

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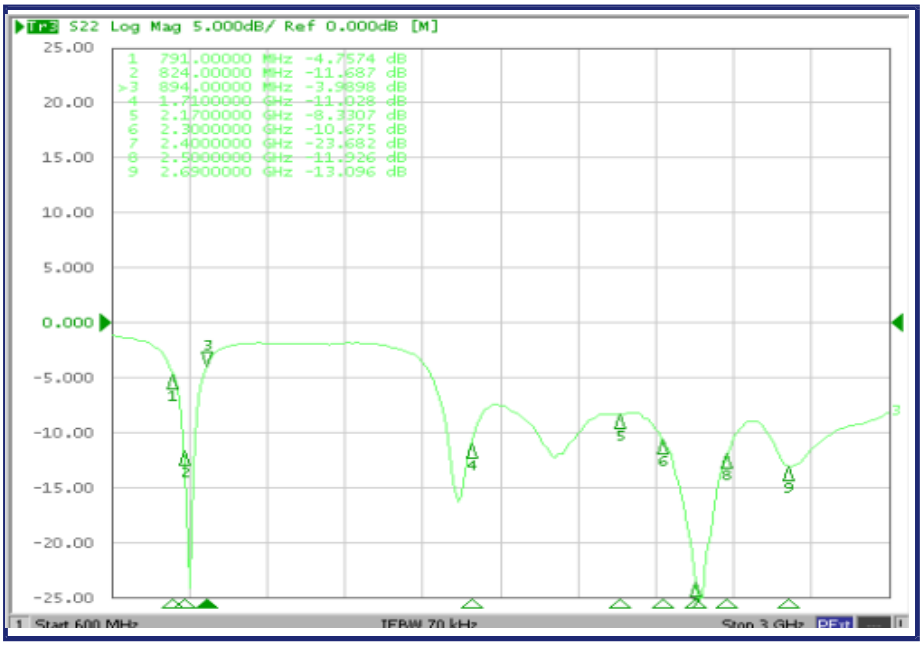
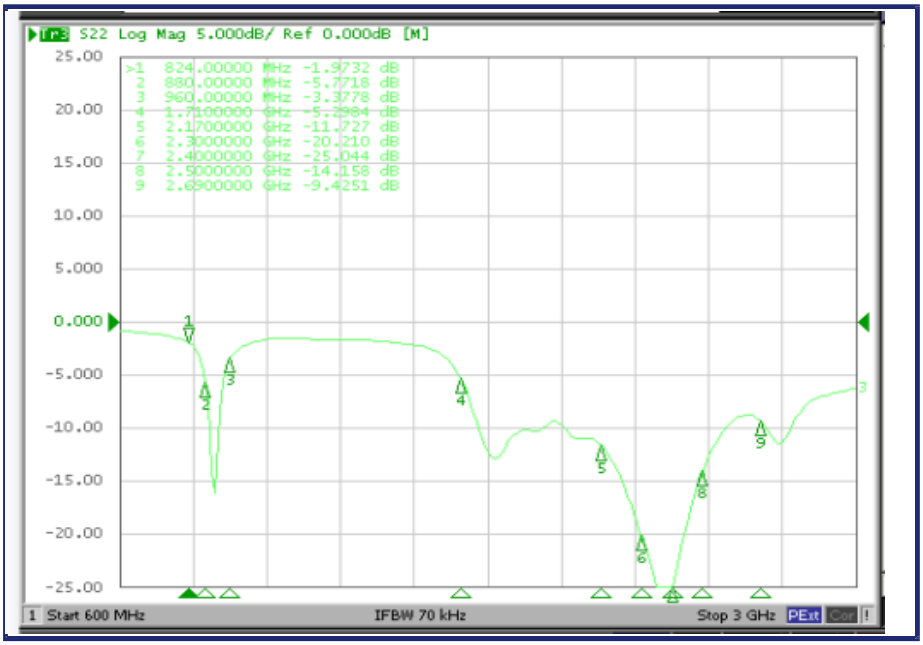
Primary antenna/RF2



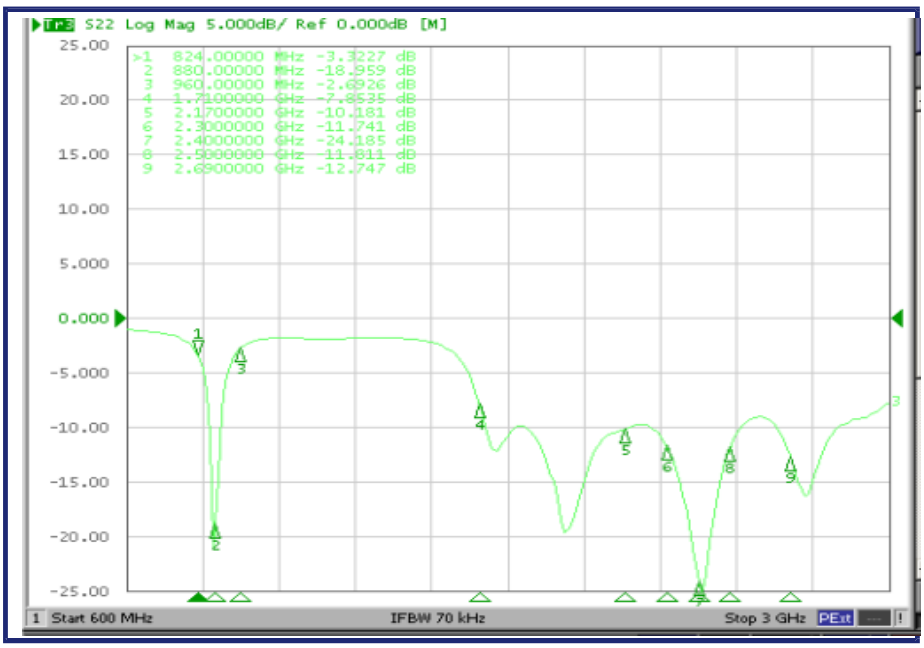
MAIN	RF2
frequency (MHz)	Log Mag
791	-4.7
894	-3.9
1710	-11.0
2170	-8.3
2300	-10.6
2400	-23.6
2500	-11.9
2690	-13.0

Primary antenna/RF3



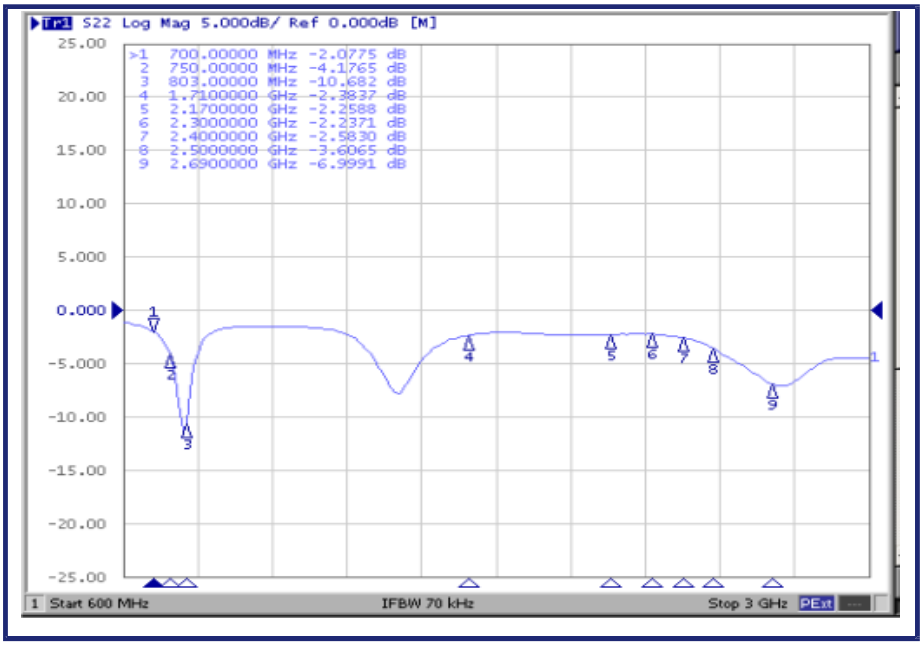
MAIN	RF3
frequency (MHz)	Log Mag
880	-5.7
960	-3.3
1710	-5.2
2170	-11.7
2300	-20.2
2400	-25.0
2500	-14.5
2690	-9.4

Primary antenna/RF4



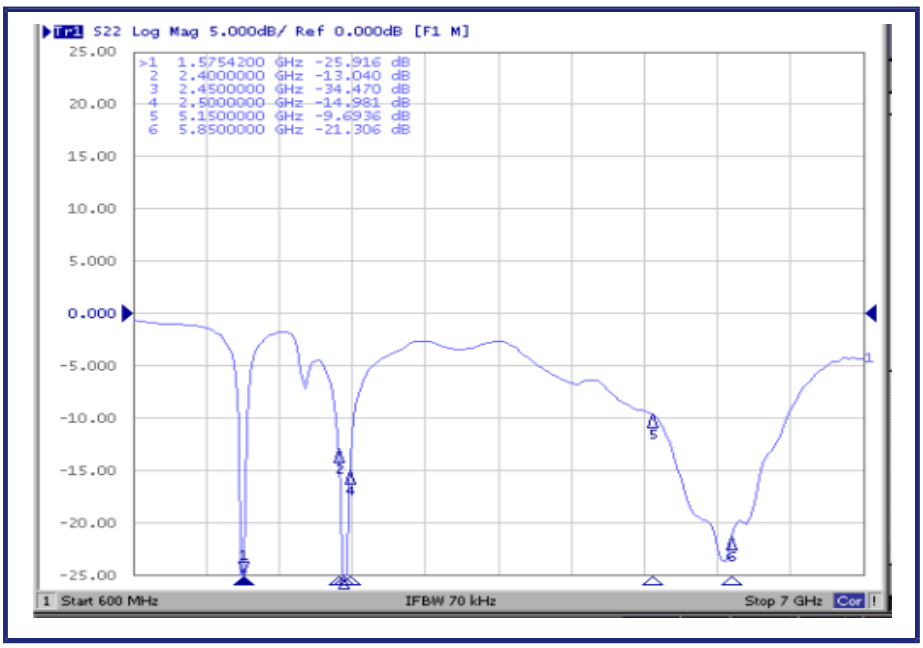
MAIN	RF4
frequency (MHz)	Log Mag
880	-18.9
960	-2.6
1710	-7.8
2170	-10.1
2300	-11.7
2400	-24.1
2500	-11.8
2690	-12.7

Diversity antenna



DIV	
frequency (MHz)	Log Mag
700	-2.0
750	-4.1
803	-10.6
1710	-2.3
2170	-2.2
2300	-2.2
2400	-2.5
2500	-3.6
2690	-6.9

GPS+WIFI2.4/5G



GPS+WIFI2.4/5G	
frequency (MHz)	Log Mag
1575.42	-25.9
2400	-13.0
2450	-34.4
2500	-14.9
5100	-9.6
5850	-21.3

5 Darkroom test data

Test system: Shielded darkroom

Test environment: temperature 22℃±3℃, humidity 50%±15%

Test equipment: When testing passive data, use the Network Analyzer Agilent E5062C

When testing active data, the Comprehensive Tester Agilent 8960 /CMW500/E4438C is used

5.1 Passive test data

Main antenna RF1 passive efficiency

Freq.	Effi	Effi	Gain	Freq.	Effi	Effi	Gain	Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
(MHz)	(dB)	(%)	(dBi)	(MHz)	(dB)	(%)	(dBi)	(MHz)	(dB)	(%)	(dBi)	(MHz)	(dB)	(%)	(dBi)	(MHz)	(dB)	(%)	(dBi)
700	-7.59	17.42	-3.83	880	-6	25.12	-0.15	1850	-5.64	27.29	-1.11	2090	-5.54	27.93	-0.42	2440	-5.46	28.44	-0.54
710	-7.22	18.97	-3.08	890	-5.41	28.77	0.71	1860	-5.68	27.04	-1.22	2100	-5.48	28.31	-0.8	2450	-5.45	28.51	-0.46
720	-7.18	19.14	-2.77	900	-5.23	29.99	1.12	1870	-5.71	26.85	-1.4	2110	-5.38	28.97	-0.47	2460	-5.88	25.82	0.46
730	-7.24	18.88	-2.69	910	-5.46	28.44	1.12	1880	-5.73	26.73	-1.37	2120	-5.36	29.11	-0.9	2470	-5.76	26.55	-0.94
740	-7.36	18.37	-3.19	920	-5.95	25.41	1.09	1890	-5.72	26.79	-1.39	2130	-5.27	29.72	-1.18	2480	-5.74	26.67	-0.35
750	-7.51	17.74	-3.77	930	-6.51	22.34	1.1	1900	-5.69	26.98	-1.45	2140	-5.05	31.26	-0.37	2490	-5.96	25.35	0.07
760	-7.69	17.02	-4.1	940	-7.06	19.68	0.91	1910	-5.63	27.35	-1.54	2150	-5.1	30.9	-0.97	2500	-5.79	26.36	-1.09
770	-7.74	16.83	-4.08	950	-7.63	17.26	0.68	1920	-5.62	27.42	-1.89	2160	-5.12	30.76	-0.87	2510	-5.93	25.53	-0.33
780	-7.75	16.79	-3.71	960	-8.24	15	0.27	1930	-5.64	27.29	-2.1	2170	-5.16	30.48	0.05	2520	-6.09	24.6	-0.62
790	-7.84	16.44	-3.59	AVG	-6.39	23.56	0.76	1940	-5.61	27.48	-1.78	AVG	-5.47	28.43	-1.18	2530	-6.05	24.83	-1.16
800	-8.13	15.38	-3.88	1710	-6.76	21.09	-2.26	1950	-5.54	27.93	-1.69	2300	-5.19	30.27	-0.55	2540	-6.15	24.27	-0.52
AVG	-7.57	17.54	-3.52	1720	-6.23	23.82	-1.81	1960	-5.47	28.38	-1.65	2310	-5.36	29.11	-0.96	2550	-6.23	23.82	-1.14
790	-8.44	14.32	-3.40	1730	-5.78	26.42	-1.37	1970	-5.69	26.98	-1.66	2320	-5.33	29.31	-1.01	2560	-6.18	24.1	-0.82
800	-7.41	18.16	-2.68	1740	-5.48	28.31	-1.04	1980	-5.52	28.05	-1.69	2330	-5.41	28.77	-0.32	2570	-6.29	23.5	-0.33
810	-6.88	20.51	-2.4	1750	-5.27	29.72	-0.77	1990	-5.56	27.8	-1.78	2340	-5.41	28.77	-0.27	2580	-6.17	24.15	-0.74
820	-6.55	22.13	-1.96	1760	-5.09	30.97	-0.61	2000	-5.48	28.31	-1.51	2350	-5.37	29.04	-0.66	2590	-6.2	23.99	-0.53
830	-6.35	23.17	-1.52	1770	-5	31.62	-0.41	2010	-5.33	29.31	-1.21	2360	-5.33	29.31	-0.49	2600	-6.25	23.71	-0.85
840	-6.57	22.03	-1.22	1780	-5.01	31.55	-0.17	2020	-5.3	29.51	-1.08	2370	-5.42	28.71	-0.17	2610	-6.29	23.5	-0.97
850	-7.1	19.5	-1.42	1790	-5.05	31.26	-0.05	2030	-5.36	29.11	-0.92	2380	-5.41	28.77	-0.68	2620	-6.38	23.01	-0.87
860	-7.54	17.62	-1.57	1800	-5.16	30.48	-0.1	2040	-5.4	28.84	-0.57	2390	-5.33	29.31	-0.8	2630	-6.22	23.88	-1.41
870	-7.91	16.18	-1.71	1810	-5.28	29.65	-0.48	2050	-5.5	28.18	-0.69	2400	-5.47	28.38	-0.11	2640	-6.17	24.15	-0.77
880	-8.39	14.49	-1.95	1820	-5.44	28.58	-0.99	2060	-5.39	28.91	-0.82	2410	-5.39	28.91	-0.78	2650	-6.03	24.95	-0.94
890	-8.93	12.79	-2.04	1830	-5.57	27.73	-1.19	2070	-5.42	28.71	-0.82	2420	-5.26	29.79	-0.55	2660	-5.82	26.18	-1.04
AVG	-7.46	18.26	-1.99	1840	-5.63	27.35	-1.17	2080	-5.4	28.84	-0.48	2430	-5.45	28.51	0.51	2670	-5.65	27.23	-0.3
																2680	-5.47	28.38	-0.42
																2690	-5.14	30.62	-0.61
																AVG	-5.75	26.73	-0.60

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Shanghai Shangyuan Communication Technology Co., Ltd. antenna recognition

Diversity antenna passive efficiency

Freq.	Effi	Effi	Gain	Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
(MHz)	(dB)	(%)	(dBi)	(MHz)	(dB)	(%)	(dBi)	(MHz)	(dB)	(%)	(dBi)	(MHz)	(dB)	(%)	(dBi)
700	-10.60	8.71	-4.68	1920	-12.89	5.14	-8.51	2160	-13.65	4.32	-9.63	2510	-11.3	7.41	-7.86
710	-9.57	11.04	-3.93	1930	-12.98	5.04	-8.6	2170	-13.62	4.35	-10.06	2520	-11.43	7.19	-7.81
720	-8.46	14.26	-2.95	1940	-13.1	4.9	-8.67	AVG	-13.35	4.66	-9.05	2530	-11.43	7.19	-8.31
730	-7.37	18.32	-1.84	1950	-13.22	4.76	-8.86	2300	-12.54	5.57	-8.26	2540	-11.5	7.08	-7.74
740	-6.40	22.91	-0.8	1960	-13.32	4.66	-8.94	2310	-12.73	5.33	-8.68	2550	-11.59	6.93	-7.83
750	-5.68	27.04	-0.11	1970	-13.4	4.57	-8.88	2320	-12.69	5.38	-8.65	2560	-11.45	7.16	-7.67
760	-5.27	29.72	0.3	1980	-13.47	4.5	-8.96	2330	-12.76	5.3	-8.44	2570	-11.45	7.16	-7.24
770	-5.19	30.27	0.49	1990	-13.55	4.42	-9.23	2340	-12.65	5.43	-8.35	2580	-11.18	7.62	-7.4
780	-5.44	28.58	-0.25	2000	-13.62	4.35	-9.35	2350	-12.52	5.6	-8.49	2590	-11.14	7.69	-7.56
790	-6.05	24.83	-1.25	2010	-13.87	4.1	-9.31	2360	-12.33	5.85	-8.49	2600	-11.12	7.73	-7.75
800	-6.79	20.94	-2.18	2020	-13.84	4.13	-9.39	2370	-12.31	5.87	-8.11	2610	-11.09	7.78	-8.07
AVG	-6.98	21.51	-1.56	2030	-14.03	3.95	-9.68	2380	-12.24	5.97	-8.42	2620	-11.05	7.85	-7.93
1800	-11.91	6.44	-7.08	2040	-14.05	3.94	-9.64	2390	-12.11	6.15	-8.31	2630	-10.77	8.38	-8.22
1810	-12.21	6.01	-7.53	2050	-13.95	4.03	-9.72	2400	-12.16	6.08	-7.78	2640	-10.6	8.71	-7.66
1820	-12.46	5.68	-8.21	2060	-13.94	4.04	-9.51	2410	-11.97	6.35	-8.27	2650	-10.34	9.25	-7.68
1830	-12.71	5.36	-8.6	2070	-13.96	4.02	-9.74	2420	-11.74	6.7	-8.02	2660	-10.05	9.89	-7.44
1840	-12.88	5.15	-8.92	2080	-13.91	4.06	-9.37	2430	-11.73	6.71	-7.3	2670	-9.86	10.33	-7.03
1850	-13.01	5	-9.11	2090	-13.97	4.01	-9.6	2440	-11.61	6.9	-7.9	2680	-9.78	10.52	-7.44
1860	-13	5.01	-9.1	2100	-13.82	4.15	-9.32	2450	-11.52	7.05	-7.68	2690	-9.4	11.48	-6.56
1870	-12.97	5.05	-8.88	2110	-13.83	4.14	-9.52	2460	-11.87	6.5	-7.43	AVG	-11.50	7.21	-7.86
1880	-12.9	5.13	-8.39	2120	-13.73	4.24	-9.54	2470	-11.66	6.82	-7.68				
1890	-12.82	5.22	-8.23	2130	-13.78	4.19	-9.57	2480	-11.5	7.08	-7.63				
1900	-12.82	5.22	-8.22	2140	-13.66	4.31	-9.77	2490	-11.57	6.97	-7.32				
1910	-12.83	5.21	-8.34	2150	-13.6	4.37	-9.95	2500	-11.24	7.52	-7.8				

Shanghai Shangyuan Communication Technology Co., Ltd. antenna recognition

GPS + WIFI2.4G/5G antenna passive efficiency

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1550	-3.9	40.74	-0.71	5150	-4.86	32.66	-0.71
1560	-3.75	42.17	-0.89	5200	-4.74	33.57	-0.89
1570	-3.64	43.25	-1.37	5250	-4.65	34.28	-1.37
1580	-3.85	41.21	-1.52	5300	-4.61	34.59	-1.52
1590	-4.17	38.28	-1.74	5350	-4.91	32.28	-1.74
1600	-4.57	34.91	-1.51	5400	-4.99	31.7	-1.51
1610	-4.63	34.43	-1.52	5450	-4.58	34.83	-1.52
1620	-5.23	29.99	-1.52	5500	-4.89	32.43	-1.52
AVG	-4.22	38.12	-1.35	5550	-4.9	32.36	-0.71
2400	-4.71	33.81	1.12	5600	-4.69	33.96	-0.89
2410	-4.32	36.98	1.7	5650	-4.8	33.11	-1.37
2420	-4.02	39.63	1.71	5700	-5.18	30.34	-0.71
2430	-4.2	38.02	1.72	5750	-4.93	32.14	-0.89
2440	-4.05	39.36	1.74	5800	-4.59	34.75	-1.37
2450	-4.03	39.54	1.7	5850	-4.89	32.43	-1.37
2460	-4.28	37.33	1.67	AVG	-4.81	33.03	-1.21
2470	-4.54	35.16	1.53				
2480	-4.43	36.06	1.33				
2490	-4.75	33.5	1.18				
2500	-4.43	36.06	1.21				

5.2 Active test data

Main antenna active test data (free space, bright screen)

Band	Channel	FREQ (MHz)	OTA (dBm)			Band	Channel	FREQ (MHz)	OTA (dBm)		
			SPEC(dBm)	TRP(dB)	TIS(dB)				SPEC(dBm)	TRP(dB)	TIS(dB)
GSM_850	128	824.2		26.41		LTE_B3	19250	1,715.00		17.56	
	190	836.6		27.16			19575	1,747.50		17.91	
	251	848.8		26.53	-103.99		19900	1,780.00		17.94	-90.85
GSM_900	975	880.2		26.13		LTE_B4	20000	1,715.00		17.87	
	38	897.4		26.56			20175	1,732.50		18.19	
	124	914.8		27.19	-101.73		20350	1,750.00		18.45	-92.65
GSM_1800	512	1,710.20		24.97		LTE_B5	20450	829		16.87	
	698	1,747.40		25.54			20525	836.5		17.67	
	885	1,784.80		25.53	-102.1		20600	844		17.56	-91.39
GSM_1900	512	935.2		25.01		LTE_B7	20800	2,505.00		18.38	
	661	947.4		24.69			21100	2,535.00		18.31	
	810	959.8		25.03	-102.79		21400	2,565.00		18.18	-92.19
WCDMA_B1	9612	1,922.40		18.08		LTE_B12	23060	704		14.65	
	9750	1,950.00		18.72			23095	707.5		15.01	
	9888	1,977.60		18.85	-105.15		23130	711		15.21	-88.16
WCDMA_B2	9263	1852.4		17.96		LTE_B17	23780	709		14.6	
	9400	1880.0		17.56			23790	710		15.12	
	9537	1907.4		18.24	-104.25		23800	711		15.4	-89.3
WCDMA_B4	1313	1712.4		18.15		LTE_B25	26090	1,855.00		17.6	
	1450	1740.0		18.54			26365	1,882.50		17.32	
	1512	1752.2		18.7	-104.17		26640	1,910.00		17.13	-92.16
WCDMA_B5	4133	826.4		16.85		LTE_B26	26740	819.00		16.44	
	4175	835.0		17.37			26865	831.00		17.48	
	4232	846.4		17.57	-103.31		26990	844.00		17.79	-91.48
WCDMA_B8	2712	882.4		17.15		LTE_B28	27260	708.00		14.35	
	2788	897.4		17.63			27435	725.50		15.21	
	2863	912.6		16.57	-103.3		27610	743.00		15.53	-90.25
LTE_B1	18050	1,925.00		18.02		LTE_B38	37850	2580		18.29	
	18300	1,950.00		18.88			38000	2595		18.88	
	18550	1,975.00		18.79	-93.96		38150	2610		18.75	-90.9
LTE_B2	18650	1,855.00		17.53		LTE_B41	40340	2565		17.51	
	18900	1,880.00		17.9			40740	2605		17.67	
	19150	1,905.00		18.03	-93.36		41140	2650		17.71	-90.11

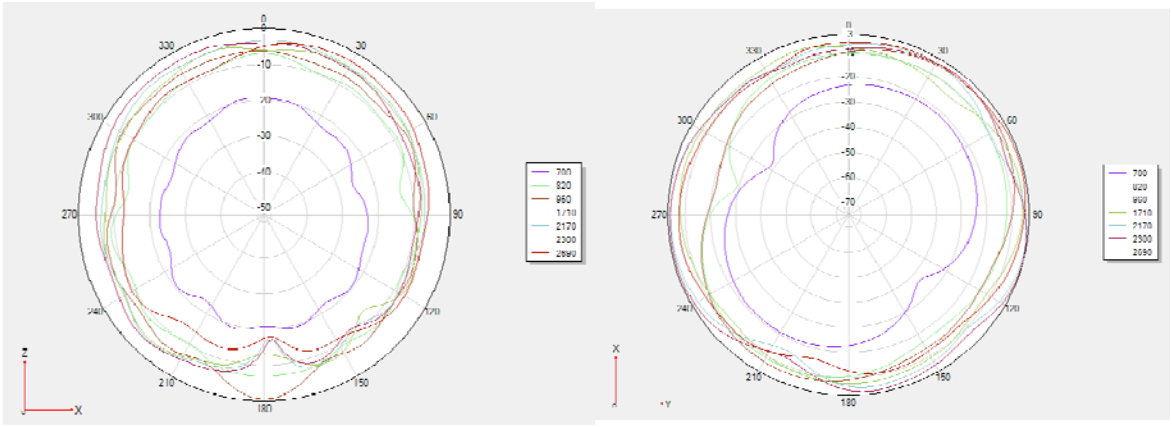
3-in-1 antenna active test data (free space, bright screen measurement 100%)

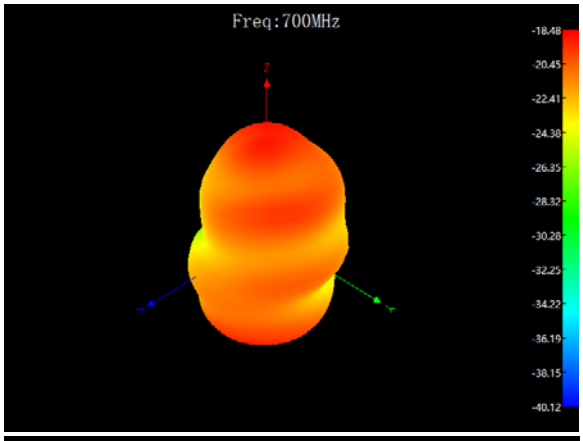
Band	Channel	FREQ (MHz)	OTA (dBm)		
			SPEC(dBm)	TRP(dB)	TIS(dB)
2.4G 802.11B-11Mbps	1	824.2		12.52	
	6	836.6		12.86	
	13	848.8		12.91	-83.13
2.4G 802.11G-54Mbps	1	869.2		10.16	
	6	881.6		11.05	
	13	893.8		10.76	-70.24
2.4G 802.11N-MCS7	1	880.2		10.11	
	6	897.4		11.2	
	13	914.8		10.82	-69.45
5.8G 802.11A-54Mbps	36	935.2		9.8	
	100	947.4		9.13	
	165	959.8		9.28	-69.06

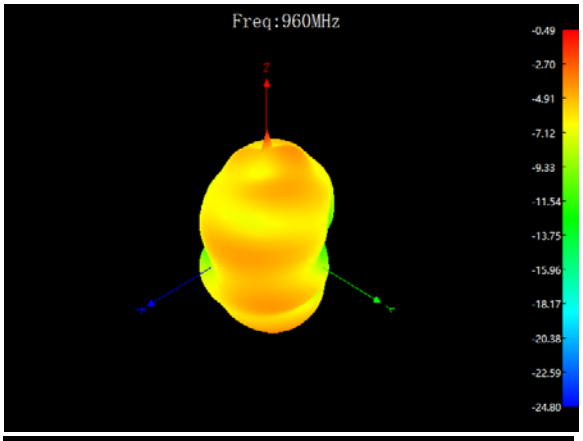
Band	frequency (MHz)	OTA(dB)
		TIS
GPS	1575.42	-145.11

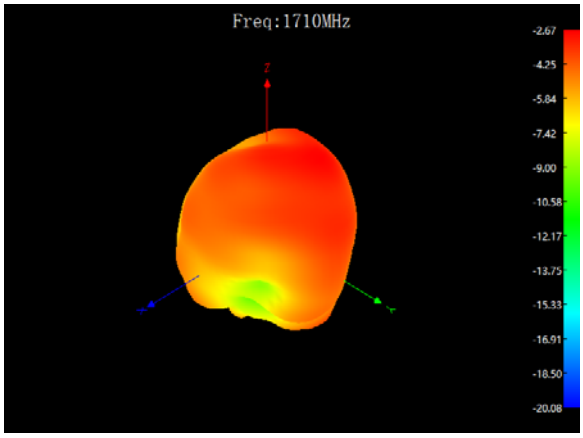
6. Antenna Radiation Patterns

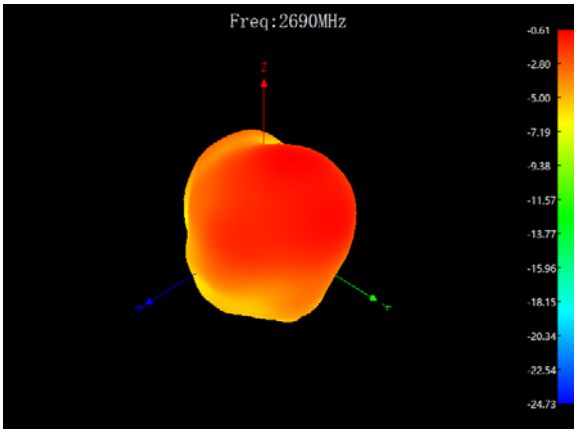
Main antenna





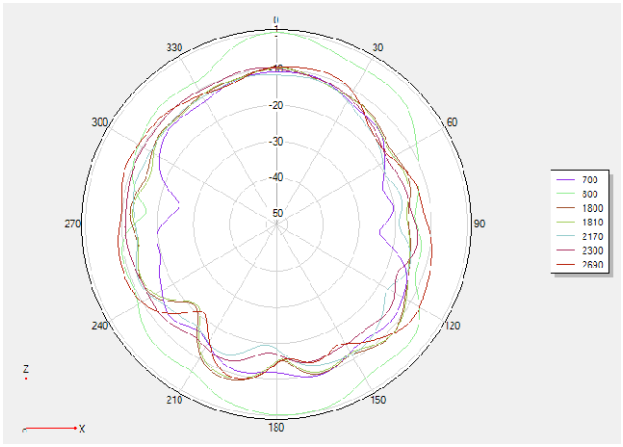


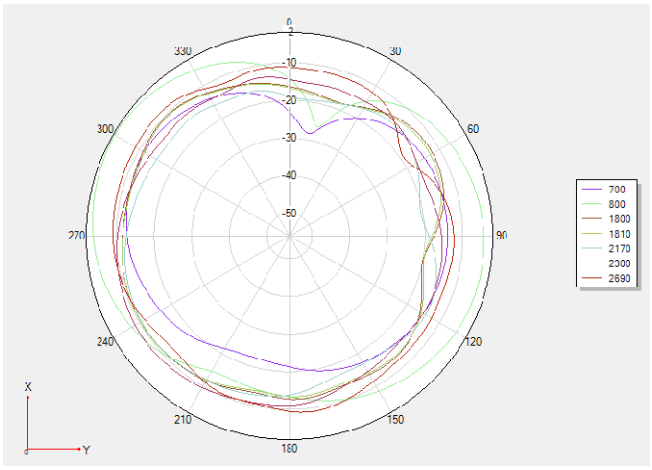


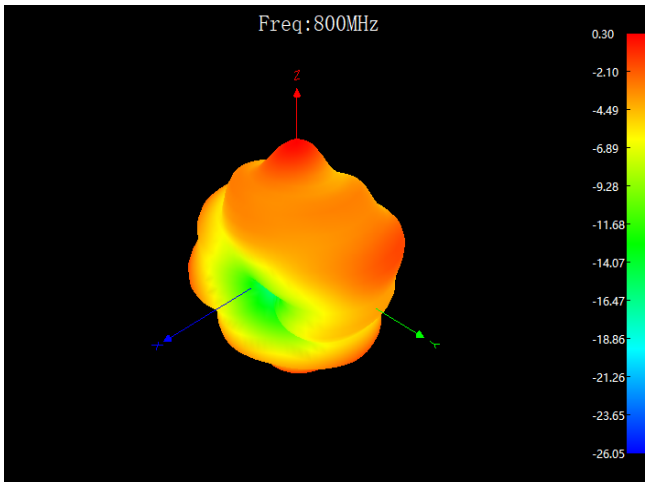


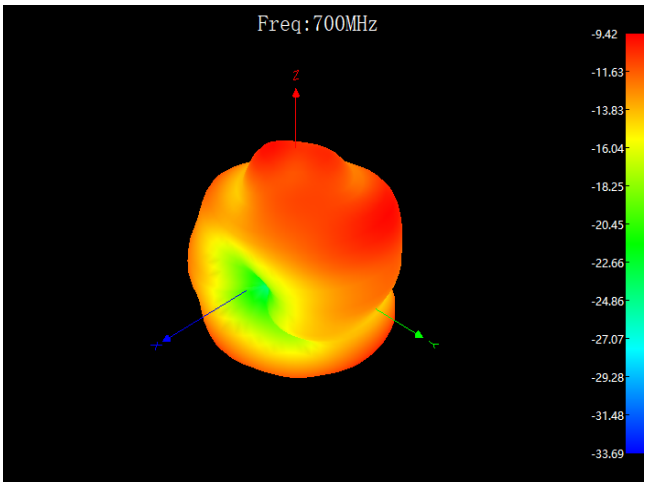
Shanghai Shangyuan Communication Technology Co., Ltd. antenna recognition

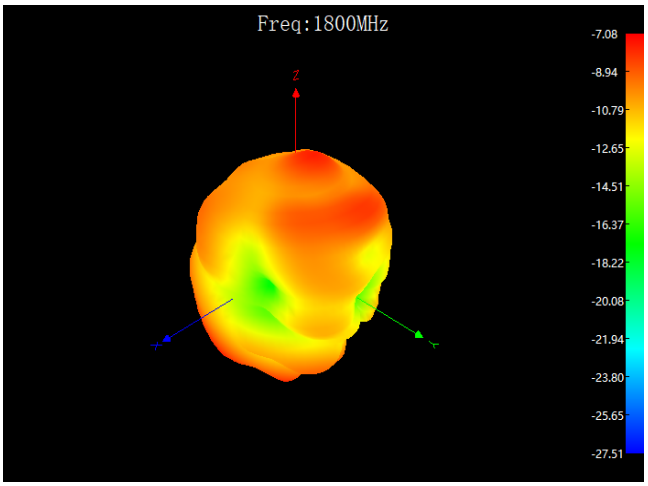
Diversity antenna

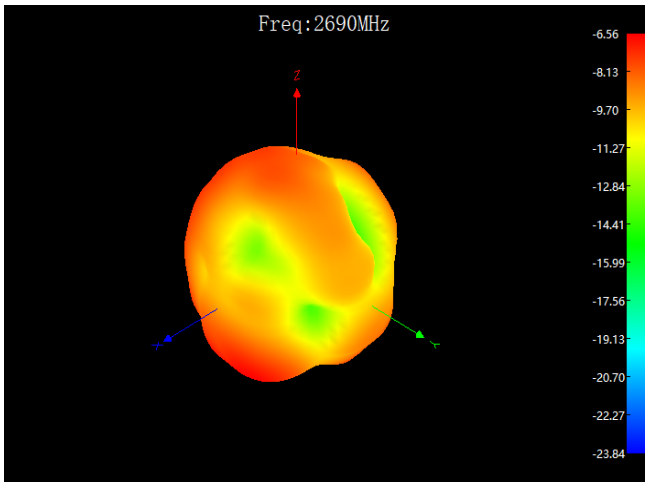






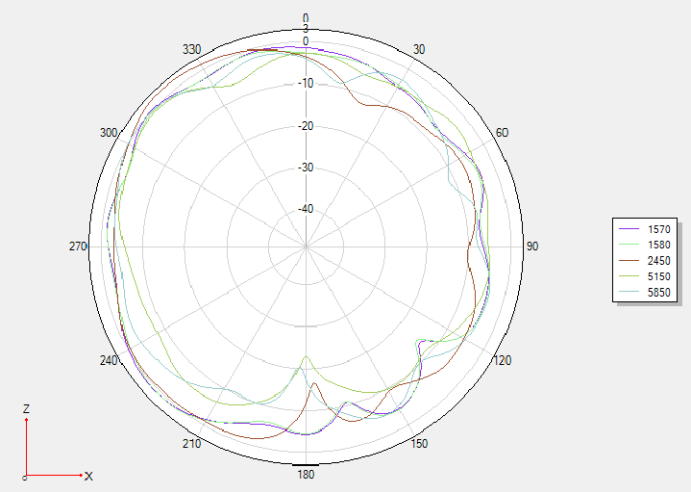


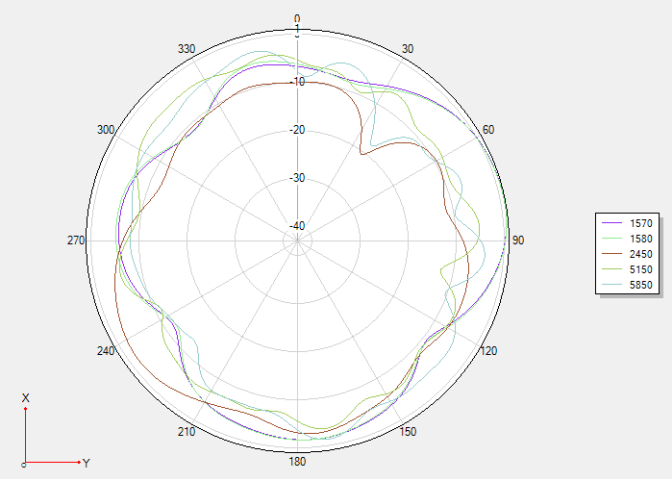


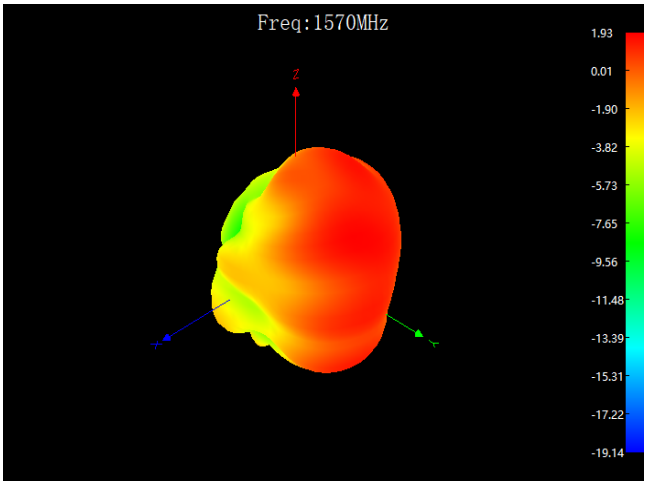


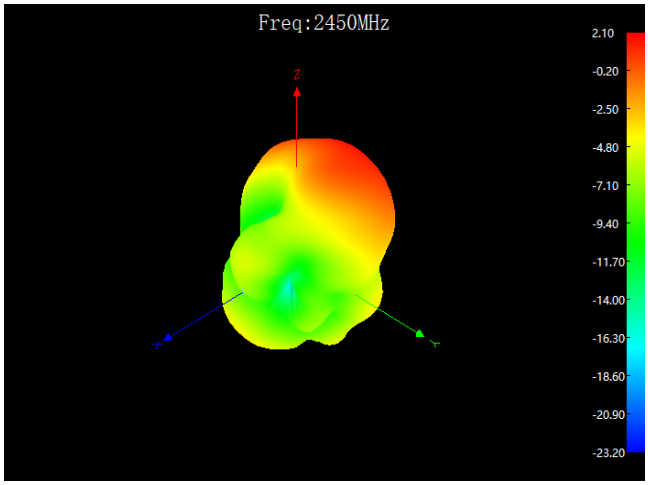
Shanghai Shangyuan Communication Technology Co., Ltd. antenna recognition

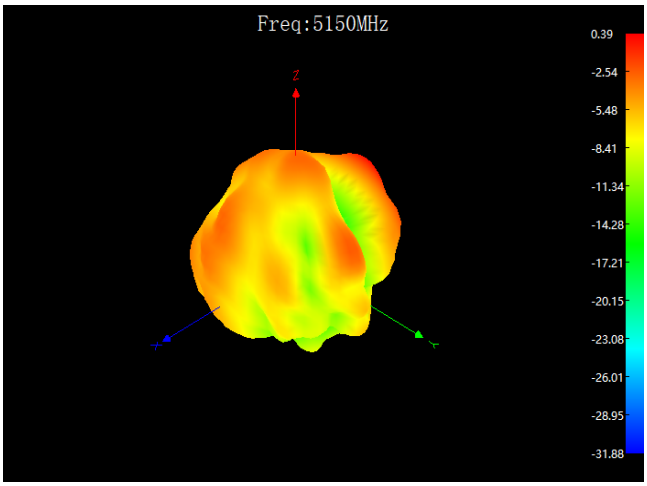
3-in-1 antenna

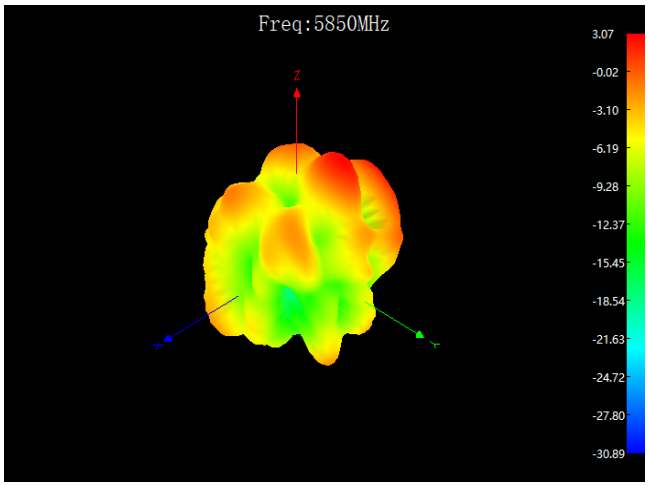




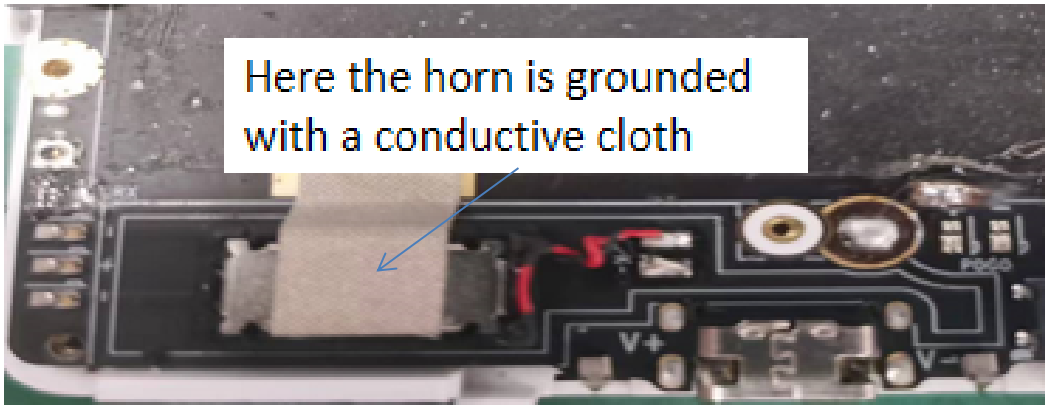


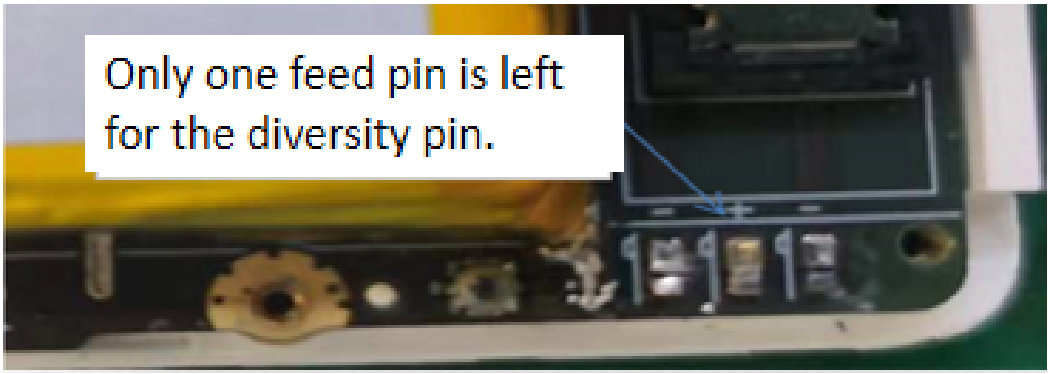






7. Prototype grounding





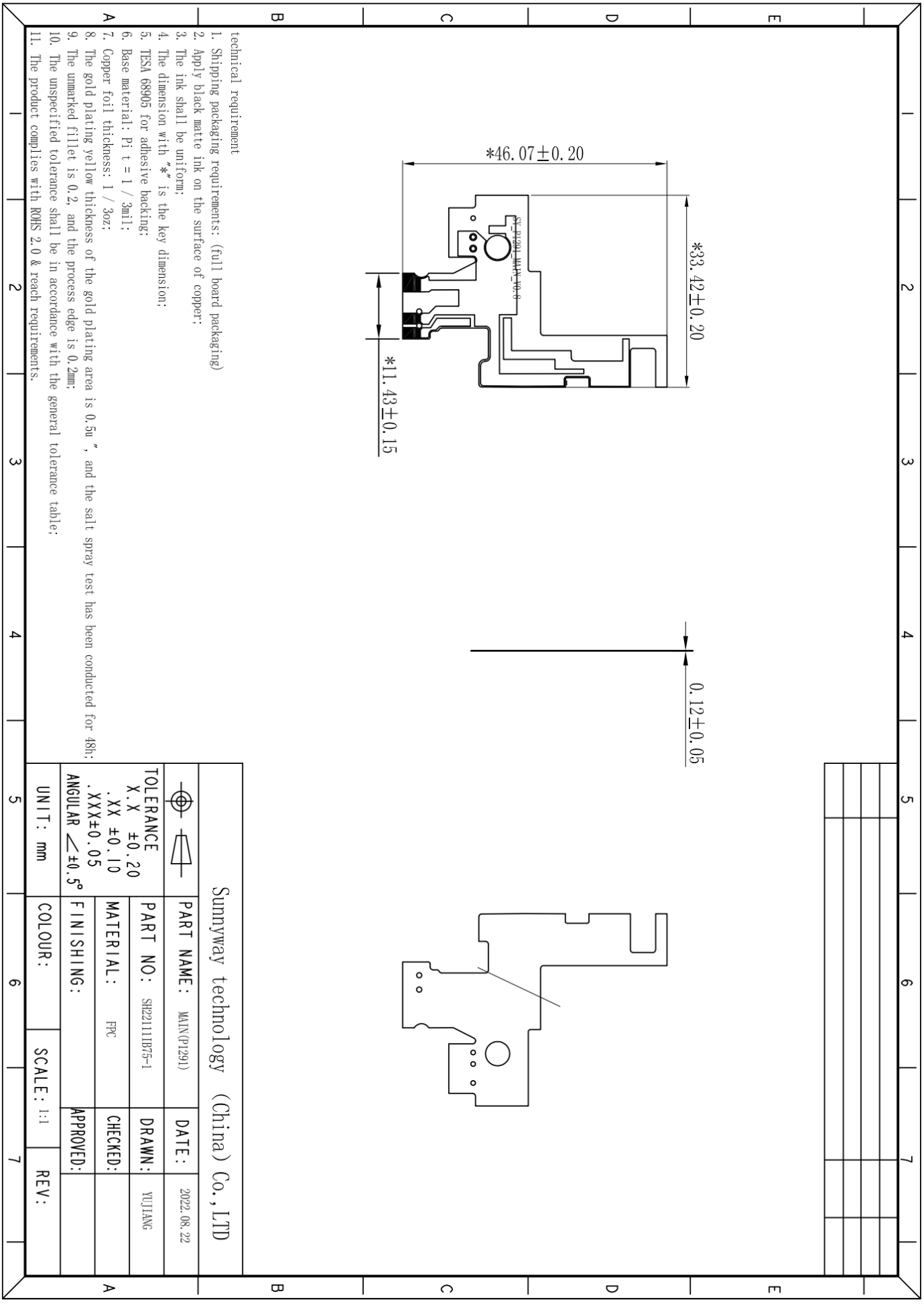
8. Mass production antenna indicators

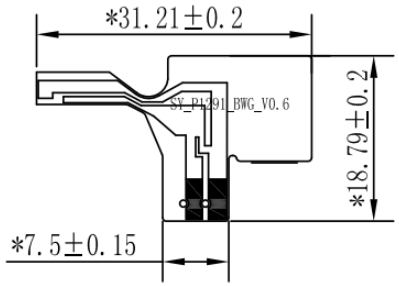
When the antenna is mass-produced, the standing wave ratio is used as the mass production test standard. According to the differences in the project itself, the following criteria are given:

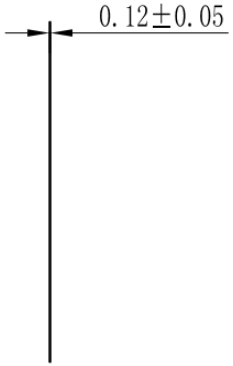
frequency（MHz）	Mass production standards
Main antenna 700--960；1710--2690	VSWR（Mass production performance）<VSWR(Acknowledge performance)+0.5
Diversity antenna 700--960；1710--2690	VSWR（Mass production performance）<VSWR(Acknowledge performance)+0.5
Three-in-one antenna 1575.42；2400--2500/5100-5850	VSWR（Mass production performance）<VSWR(Acknowledge performance)+0.5

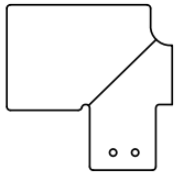
8 Drawings

8 Drawings


*46.07±0.20
*33.42±0.20
*11.43±0.15
0.12±0.05
technical requirement
1. Shipping packaging requirements: (full board packaging)
2. Apply black matte ink on the surface of copper;
3. The ink shall be uniform;
4. The dimension with "*" is the key dimension;
5. TESA 68905 for adhesive backing;
6. Base material: Pi t = 1 / 3mil;
7. Copper foil thickness: 1 / 3oz;
8. The gold plating yellow thickness of the gold plating area is 0.5u ", and the salt spray test has been conducted for 48h;
9. The unmarked fillet is 0.2, and the process edge is 0.2mm;
10. The unspecified tolerance shall be in accordance with the general tolerance table;
11. The product complies with ROHS 2.0 & reach requirements.
Sunnyway technology (China) Co.,LTD
PART NAME: MAIN(P1291)
DATE: 2022.08.22
PART NO: SH22111B75-1
DRAWN: YUJIANG
MATERIAL: FPC
CHECKED:
FINISHING:
APPROVED:
TOLERANCE
X.X ±0.20
.XX ±0.10
.XXX±0.05
ANGULAR ∠±0.5°
UNIT: mm
COLOUR:
SCALE: 1:1
REV:







technical requirement

1. Shipping packaging requirements: (full board packaging)
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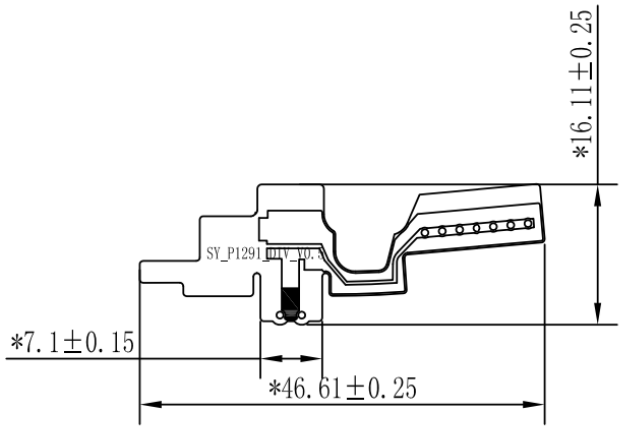
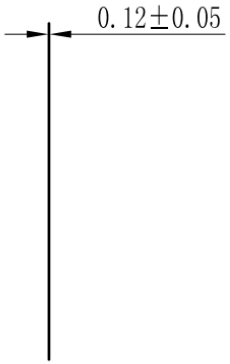
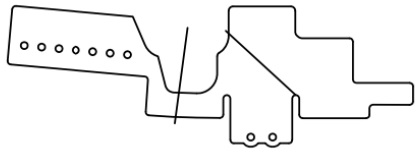
3. The ink shall be uniform;
4. The dimension with "*" is the key dimension;
5. TESA 68905 for adhesive backing;
6. Base material: Pi t = 1 / 3mil;
7. Copper foil thickness: 1 / 3oz;
8. The gold plating yellow thickness of the gold plating area is 0.5u ", and the salt spray test has been conducted for 48h;
9. The unmarked fillet is 0.2, and the process edge is 0.2mm;
10. The unspecified tolerance shall be in accordance with the general tolerance table;
11. The product complies with ROHS 2.0 & reach requirements.

Sunnyway technology (China) Co.,LTD			
	PART NAME: BWG(P1291)	DATE:	2022.08.22
TOLERANCE X.X ±0.20 .XX ±0.10 .XXX±0.05 ANGULAR ∠ ±0.5°	PART NO: SH22111IB75-2	DRAWN:	YUJIANG
	MATERIAL: FPC	CHECKED:	
	FINISHING:	APPROVED:	
UNIT: mm	COLOUR:	SCALE: 1:1	REV:







technical requirement

1. Shipping packaging requirements: (full board packaging)
2. Apply black matte ink on the surface of copper;
3. The ink shall be uniform;
4. The dimension with "*" is the key dimension;
5. TESA 68905 for adhesive backing;
6. Base material: Pi t = 1 / 3mil;
7. Copper foil thickness: 1 / 3oz;
8. The gold plating yellow thickness of the gold plating area is 0.5u ", and the salt spray test has been conducted for 48h;
9. The unmarked fillet is 0.2, and the process edge is 0.2mm;
10. The unspecified tolerance shall be in accordance with the general tolerance table;
11. The product complies with ROHS 2.0 & reach requirements.

Sunnyway technology (China) Co.,LTD			
	PART NAME: DIV(P1291)	DATE:	2022.08.22
TOLERANCE X.X ±0.20 .XX ±0.10 .XXX±0.05 ANGULAR ∠±0.5°	PART NO: SH22111IB75-3	DRAWN:	YUJIANG
	MATERIAL: FPC	CHECKED:	
	FINISHING:	APPROVED:	
UNIT: mm	COLOUR:	SCALE: 1:1	REV: