样 品 承 认 书

SAMPLE SPECIFICATION FOR APPROVAL

供应商名称 **SUPPLIER**	**Sunnyway Technology Co.,Ltd**
客户名称 **CUSTOMER**	**Shanghai Guangyi Zhilian Technology Co., LTD**
物料名称 **DESCRIPTION**	FH22-LTE-US-RFID
物料规格 **SPECIFICATION**	**Rear shell antenna bracket assembly**
物料编码 **CUSTOMER PART NO**	**320300000197**
供应商审核(公章) **SUPPLIER APPROVAL**	
客户审核 **CUSTOMER APPROVAL**	
承认日期 **APPROVAL DATE**	**25.5.20**

Confirm and sign off			
base band	**RF**	**ME**	**ID**
resource	**SQE**	**PQM**	

目　录

1、 sample
need ■ ; no need □

2、 Specification sheet, drawings, material report, physical property table, and SOP for fixture inspection
paper archive ■ ; electronic document ■

3、 Appearance Inspection report
paper archive ■ ; electronic document ■

4、dimension report
paper archive ■ ; electronic document ■

5、functional test report
paper archive □ ; electronic document ■

6、Reliability Test Report
paper archive ■ ; electronic document ■

7、Key dimension CPK
paper archive ■ ; electronic document ■

8、Flow chart
paper archive □ ; electronic document ■

9、manner of packing
paper archive ■ ; electronic document ■

10、Environmental protection materials (only electronic files are required)
Material composition questionnaire ■ ; RoHS ■ ; Reach ■ ; HF ■

remark: ■ Provide as needed ; □ It is not necessary to provide

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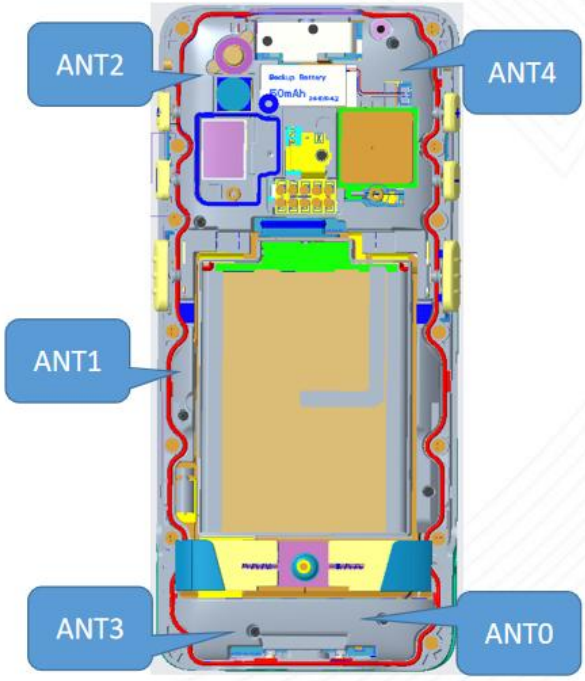
1. Project information

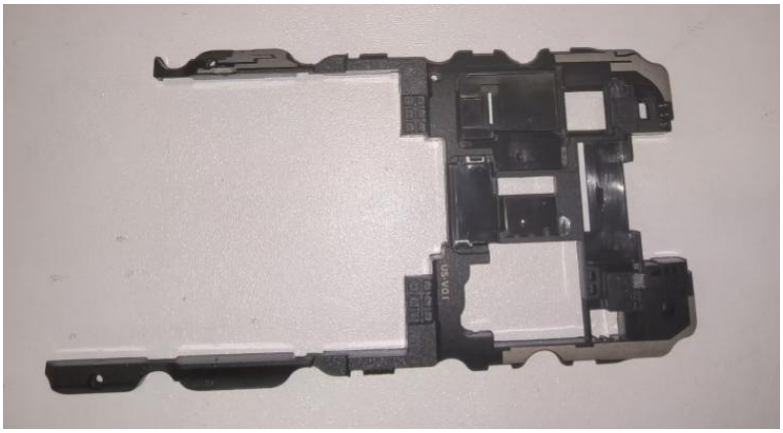
Machine information

天线布局



No.	Frequency (MHz)	Configuration	Band support
ANT0	LB (699-960MHz)	Main_TRX	B5 B8 B12 B14 B17 B20 B28
	MB (1710-2170MHz)	Main_TRX	B1 B2 B3 B4 B39
	HB (2300-2690MHz)	Main_TRX	B7 B38 B41
ANT1	LB (699-960MHz)	Aux_RX	B5 B8 B12 B14 B17 B20 B28
	MB (1710-2170MHz)	Aux_RX	B1 B2 B3 B4 B39
	HB (2300-2690MHz)	Aux_RX	B7 B38 B41
ANT2	L1 (1559-1606MHz)	Rx	GPS
	2.4G (2400-2500MHz)	TRX CH0	WiFi0+BT
	5G/6E (5180-7125MHz)	TRX CH0	WiFi0
ANT3	2.4G (2400-2500MHz)	TRX CH1	WiFi1
	5G/6E (5180-7125MHz)	TRX CH1	WiFi1
ANT4	860-960	RFID	

Antenna information



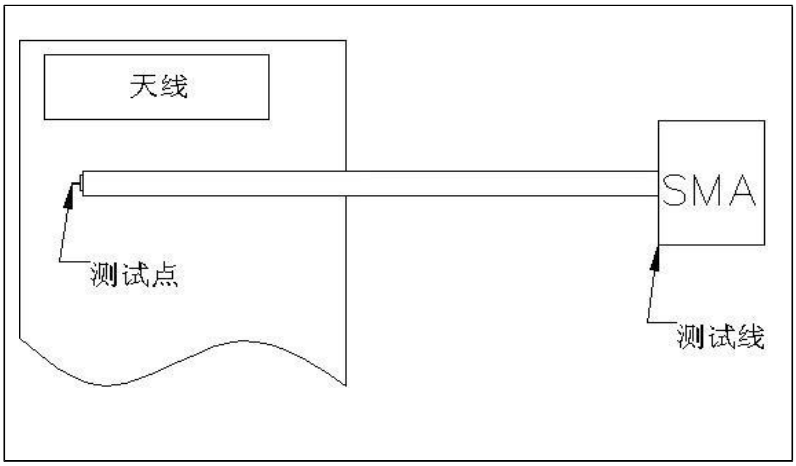
	Version
Antenna	US-V0.1
Small Motheboard	FH22_USB_PCB_V1.1
Mainboard	FH22_MB_PCB_V1.1

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.

2. Test fixtures

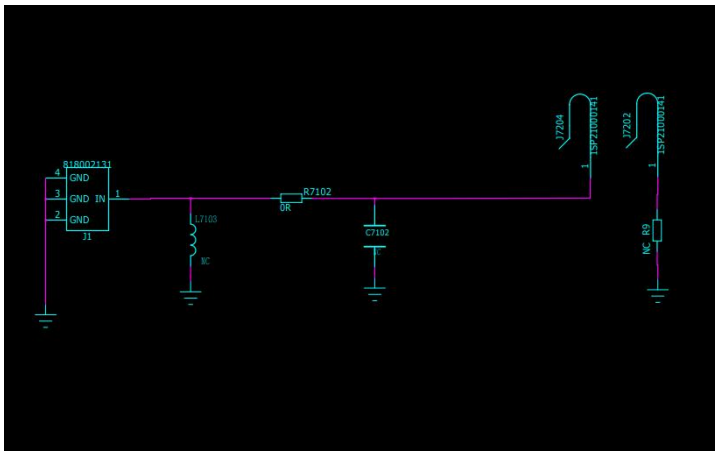
Purpose: To test the passive parameters of the antenna as accurately as possible.

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:



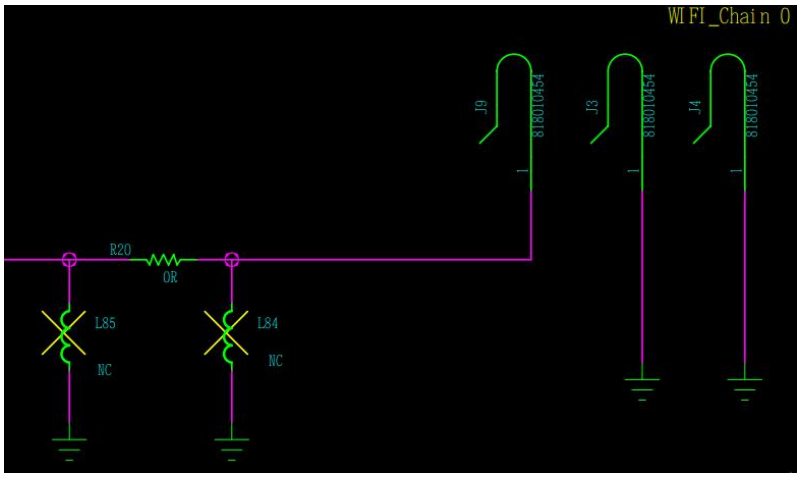
3. Matching circuits

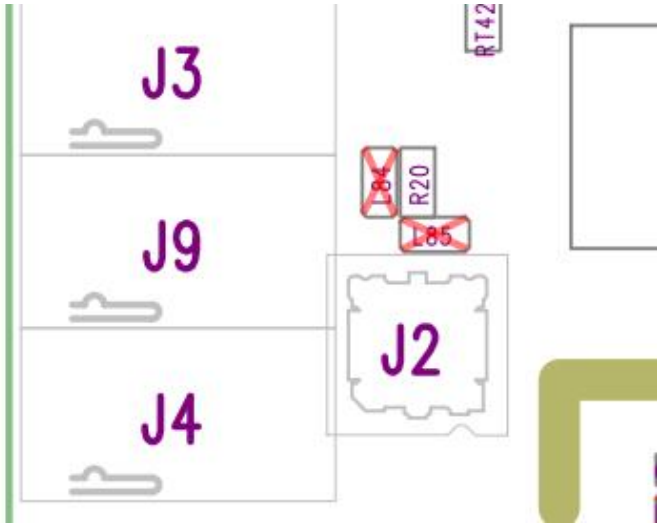
ANT1 antenna



ANT4			
J7204		J7202	
C7102	NC	R9	0R
R7102	0R		
L7103	NC		

ANT2 antenna





ANT2	
J9	
L84	NC
R20	0R
L85	NC

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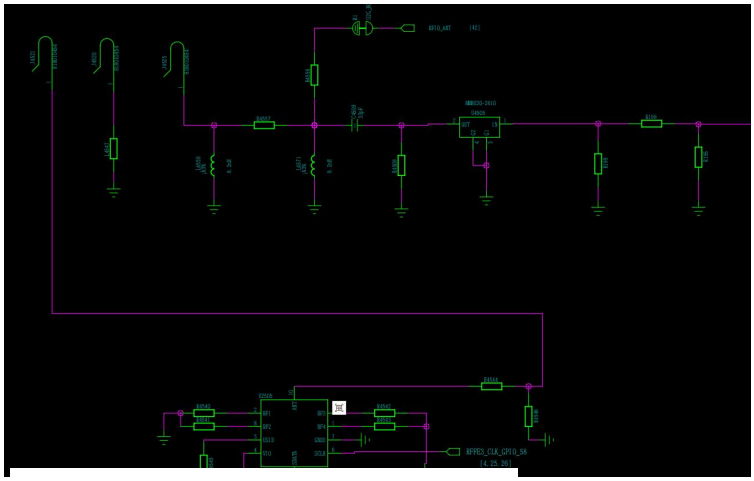
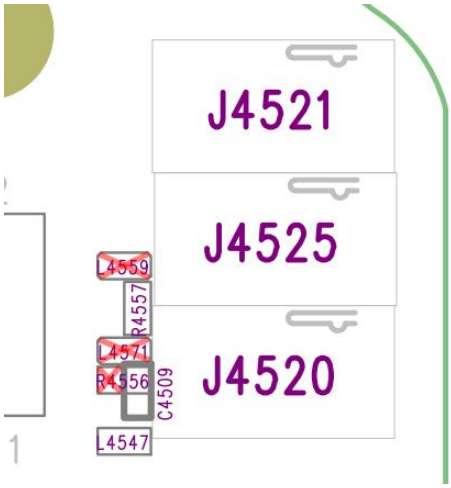
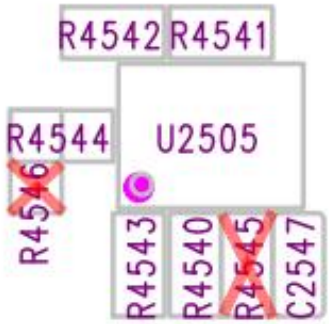
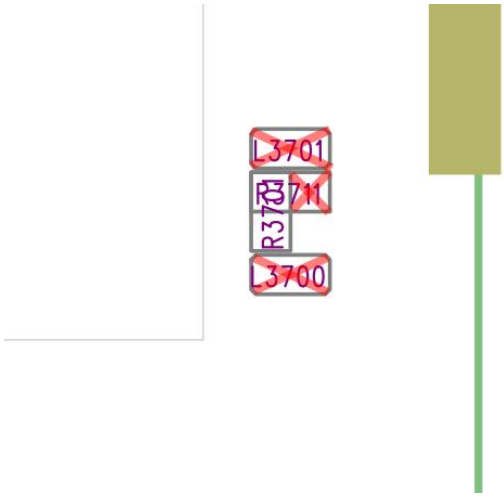
ANT4 antenna









ANT4					
J4521		J4525		J4520	
R4544	NC	L4559	NC	L4547	0R
R4546	0R	R4557	0R		
		L4571	NC		
		R4556	0R		
		C4509	NC		
		L3701	NC		
		R3711	0R		
		R3701	NC		
		L3700	NC		

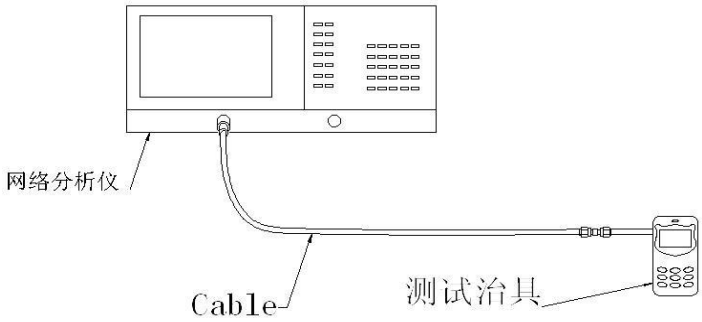
4. S11 test

4. 1 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.

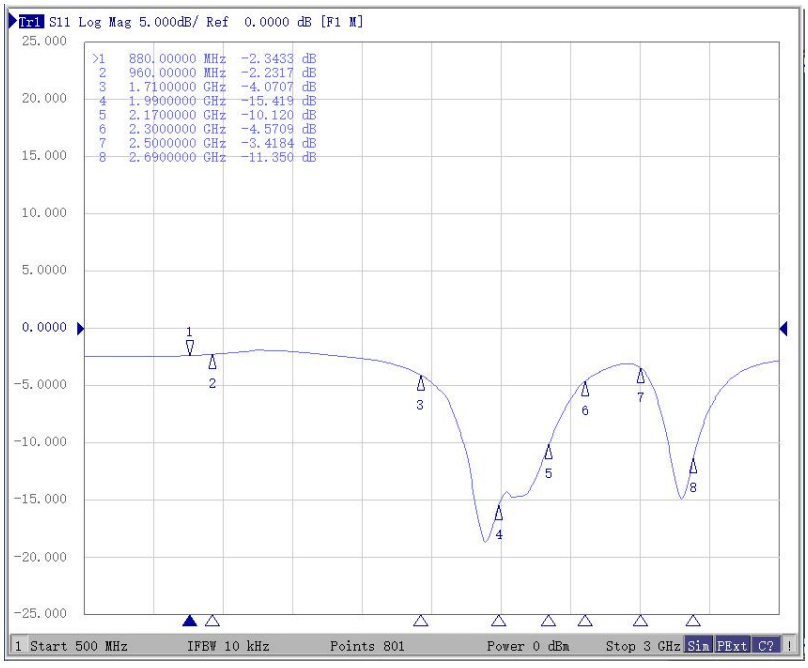
The test diagram is as follows:



Test the schematic

4.2 S11 parameter

ANT1



	ANT1antenna
frequency (MHz)	Log Mag
880	-2.34
960	-2.23
1710	-4.07
1990	-15.41
2170	-10.12
2300	-4.57
2500	-3.41
2690	-11.35

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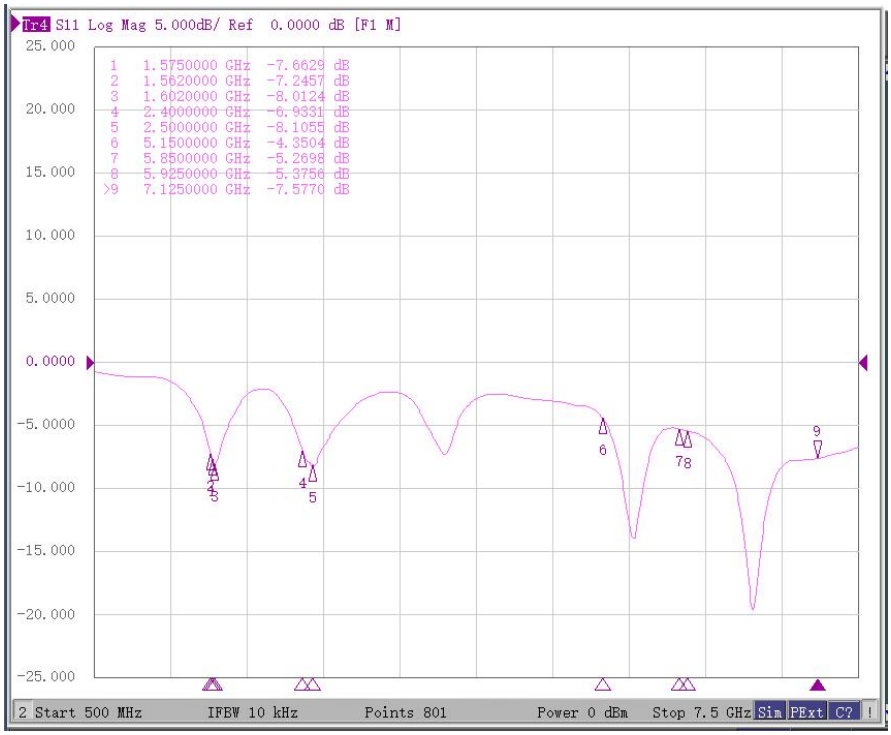
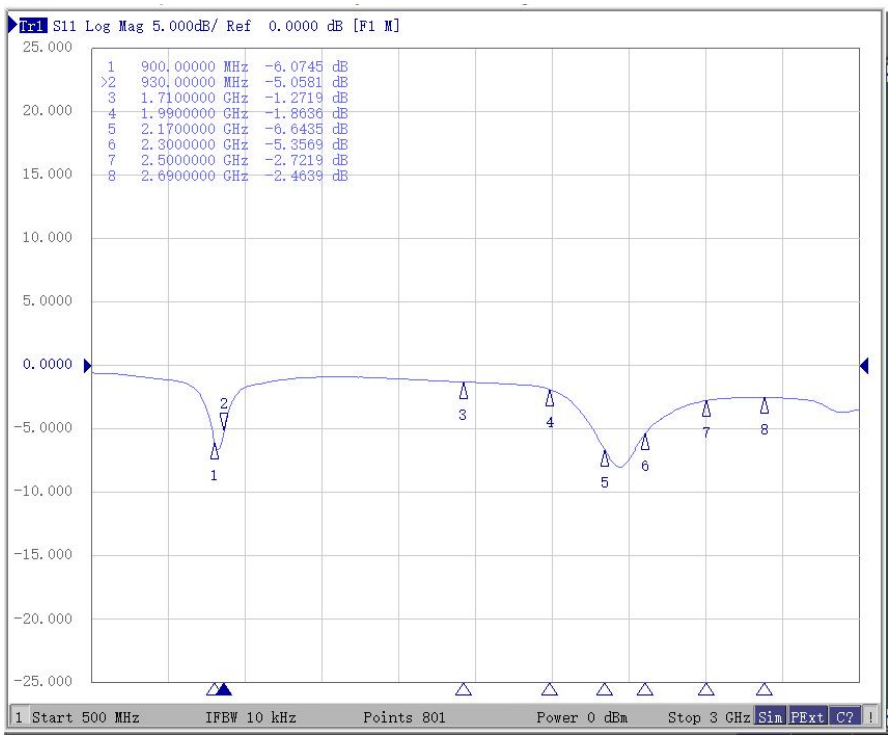
ANT2



	ANT1antenna
frequency (MHz)	Log Mag
1575	-7.66
2400	-6.93
2500	-8.10
5150	-4.35
5850	-5.26
5925	-5.37
7125	-7.57

ANT4



	ANT1antenna
frequency (MHz)	Log Mag
900	-6.07
930	-5.05

5.1 Passive test data

ANT1 efficiency

Freq.	Effi	Effi	peak Gain	Freq.	Effi	Effi	peak Gain	Freq.	Effi	Effi	peak Gain
(MHz)	(dB)	(%)	(dB)	(MHz)	(dB)	(%)	(dB)	(MHz)	(dB)	(%)	(dB)
700	-26.42	0.23	-21.85	1700	-8.6	13.8	-2.49	2300	-8.61	13.77	-2.99
710	-26.49	0.22	-21.92	1710	-8.42	14.39	-2.44	2310	-9.12	12.25	-3.46
720	-26.57	0.22	-21.93	1720	-7.88	16.29	-2.11	2320	-9.17	12.11	-3.29
730	-26.54	0.22	-21.91	1730	-7.31	18.58	-1.78	2330	-9.32	11.69	-2.73
740	-26.44	0.23	-21.93	1740	-7.01	19.91	-1.54	2340	-9.62	10.91	-3.14
750	-26.44	0.23	-22.34	1750	-6.88	20.51	-1.51	2350	-9.74	10.62	-3.29
760	-26.36	0.23	-22.51	1760	-6.63	21.73	-1.34	2360	-10	10	-3.62
770	-26.3	0.23	-22.52	1770	-6.51	22.34	-1.2	2370	-10.5	8.91	-3.42
780	-26.16	0.24	-22.23	1780	-6.44	22.7	-1.02	2380	-10.98	7.98	-3.78
790	-26.15	0.24	-22.04	1790	-6.16	24.21	-0.69	2390	-11.71	6.75	-4.6
800	-26.24	0.24	-22.09	1800	-5.87	25.88	-0.11	2400	-11.92	6.43	-4.29
810	-26.2	0.24	-21.88	1810	-5.63	27.35	0.36	2410	-12.19	6.04	-4.99
820	-26.25	0.24	-21.71	1820	-5.37	29.04	0.82	2420	-13.14	4.85	-5.68
830	-26.48	0.22	-21.86	1830	-5.14	30.62	1.35	2430	-12.94	5.08	-5.72
840	-26.64	0.22	-22.22	1840	-4.9	32.36	1.78	2440	-13.01	5	-6.41
850	-26.7	0.21	-22.38	1850	-4.64	34.36	2.19	2450	-13.33	4.65	-5.95
860	-26.94	0.2	-22.46	1860	-4.39	36.39	2.65	2460	-14.08	3.91	-6.64
870	-26.94	0.2	-21.8	1870	-4.26	37.5	2.89	2470	-14.24	3.77	-7.5
880	-26.78	0.21	-20.9	1880	-4.16	38.37	3.1	2480	-14.18	3.82	-7.56
890	-26.56	0.22	-20.02	1890	-4.08	39.08	3.49	2490	-14.26	3.75	-7.69
900	-26.5	0.22	-19.78	1900	-3.85	41.21	3.91	2500	-13.72	4.25	-8.16
910	-26.22	0.24	-19.76	1910	-3.65	43.15	4.18	2510	-13.19	4.8	-7.79
920	-25.81	0.26	-19.46	1920	-3.61	43.55	4.36	2520	-12.46	5.68	-8.04
930	-25.62	0.27	-19.66	1930	-3.49	44.77	4.43	2530	-11.81	6.59	-7.6
940	-25.51	0.28	-19.83	1940	-3.39	45.81	4.38	2540	-11	7.94	-5.72
950	-25.47	0.28	-20.35	1950	-3.36	46.13	4.46	2550	-10.23	9.48	-4.79
960	-25.31	0.29	-21.09	1960	-3.27	47.1	4.45	2560	-9.24	11.91	-3.23
				1970	-3.32	46.56	4.3	2570	-8.57	13.9	-2.18
				1980	-3.53	44.36	4.19	2580	-7.93	16.11	-1.12
				1990	-3.62	43.45	3.98	2590	-7.37	18.32	-0.4
				2000	-3.83	41.4	3.67	2600	-6.93	20.28	0.3
				2010	-3.91	40.64	3.36	2610	-6.64	21.68	0.75
				2020	-4.24	37.67	2.63	2620	-6.51	22.34	0.71
				2030	-4.26	37.5	2.95	2630	-6.14	24.32	0.88
				2040	-4.44	35.97	2.61	2640	-5.81	26.24	1.28
				2050	-4.75	33.5	2.01	2650	-5.75	26.61	1.19
				2060	-5.04	31.33	1.47	2660	-5.63	27.35	1.21
				2070	-5.11	30.83	1.3	2670	-5.53	27.99	1.72
				2080	-5	31.62	1.29	2680	-5.77	26.49	1.13
				2090	-5	31.62	0.8	2690	-5.8	26.3	0.92
				2100	-4.91	32.28	0.56	2700	-6.15	24.27	1.38
				2110	-4.87	32.58	0.61				
				2120	-4.78	33.27	0.01				
				2130	-5.01	31.55	-0.1				
				2140	-4.86	32.66	-0.19				
				2150	-5.07	31.12	-1.08				
				2160	-5.25	29.85	-1.14				
				2170	-5.33	29.31	-1.05				

ANT2 efficiency

Freq. (MHz)	Effi (dB)	Effi (%)	peak Gain (dB)	Freq. (MHz)	Effi (dB)	Effi (%)	peak Gain (dB)
1550	-4.28	37.33	0.63	5150	-7.99	15.89	-9.66
1555	-4.28	37.33	0.47	5200	-7.11	19.45	-8.86
1560	-4.17	38.28	0.5	5250	-6.58	21.98	-7.15
1565	-4.15	38.46	0.44	5300	-6.03	24.95	-5.03
1570	-4.08	39.08	0.73	5350	-5.42	28.71	-2.92
1575	-4.03	39.54	0.87	5400	-5.42	28.71	-1.47
1580	-4.01	39.72	0.62	5450	-5.41	28.77	-0.06
1585	-3.97	40.09	1.07	5500	-5.62	27.42	1.67
1590	-3.92	40.55	1.2	5550	-6.41	22.86	2.84
1595	-3.89	40.83	1.02	5600	-6.97	20.09	2.49
1600	-3.85	41.21	0.96	5650	-6.87	20.56	3.21
				5700	-7.14	19.32	2.37
2400	-5.18	30.36	0.16	5750	-6.86	20.61	1.69
2410	-5.39	28.90	0.03	5800	-6.40	22.91	1.7
2420	-5.28	29.63	0.55	5850	-6.00	25.12	1.31
2430	-5.18	30.36	1.02	5900	-6.03	24.95	0.2
2440	-5.31	29.45	1.07	5950	-5.71	26.85	0.97
2450	-5.30	29.54	1.55	6000	-5.58	27.67	-0.77
2460	-5.43	28.64	1.59	6050	-5.36	29.11	-1.62
2470	-5.00	31.59	1.72	6100	-5.09	30.97	-1.35
2480	-5.03	31.40	2.01	6150	-5.06	31.19	-1.3
2490	-5.02	31.50	2.09	6200	-4.80	33.11	-0.98
2500	-5.12	30.74	2.87	6250	-4.60	34.67	-3.01
				6300	-4.45	35.89	-1.94
				6350	-4.09	38.99	-1.98
				6400	-3.76	42.07	-2.86
				6450	-3.52	44.46	-2.8
				6500	-3.16	48.31	-2.81
				6550	-3.29	46.88	-3.39
				6600	-3.31	46.67	-2.98
				6650	-3.60	43.65	-3.17
				6700	-3.86	41.11	-3.58
				6750	-4.36	36.64	-3.13
				6800	-4.69	33.96	-3.32
				6850	-4.67	34.12	-3.41
				6900	-4.89	32.43	-3.08
				6950	-4.68	34.04	-3.15
				7000	-4.57	34.91	-3.95
				7050	-4.66	34.20	-4.1
				7100	-4.47	35.73	-4.07
				7150	-4.48	35.65	-4.89

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ANT4 efficiency

Freq.	Effi	Effi	peak Gain
(MHz)	(dB)	(%)	(dB)
900	-6.33	23.28	-1.26
901	-6.34	23.23	-1.29
902	-6.42	22.8	-1.37
903	-6.46	22.59	-1.43
904	-6.4	22.91	-1.41
905	-6.21	23.93	-1.28
906	-6.06	24.77	-1.11
907	-5.89	25.76	-0.93
908	-5.79	26.36	-0.82
909	-5.79	26.36	-0.79
910	-5.9	25.7	-0.85
911	-5.97	25.29	-0.98
912	-6.01	25.06	-1.08
913	-5.97	25.29	-1.1
914	-5.89	25.76	-1.09
915	-5.83	26.12	-1.12
916	-5.72	26.79	-1.08
917	-5.72	26.79	-1.14
918	-5.8	26.3	-1.26
919	-5.87	25.88	-1.36
920	-5.84	26.06	-1.37
921	-5.98	25.23	-1.52
922	-5.99	25.18	-1.58
923	-5.94	25.47	-1.6
924	-5.93	25.53	-1.67
925	-6.04	24.89	-1.86
926	-6.08	24.66	-1.95
927	-6.21	23.93	-2.12
928	-6.34	23.23	-2.26
929	-6.39	22.96	-2.35
930	-6.36	23.12	-2.36

5.2 Active test data

ANT2 Active test data (Free space, Bright screen)

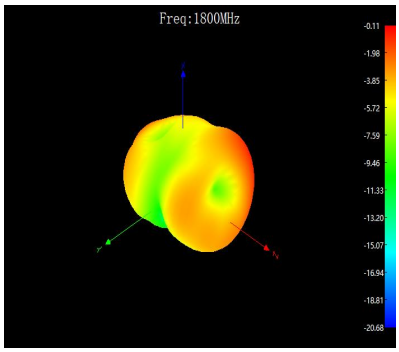
Band	OTA(dBm)		
	CH	TRP	TIS
WiFi-A	36	20.11	
	149	22.68	
	165	23.34	-73.14
WiFi-B	1	13.68	
	6	13.43	
	11	13.03	-80.24

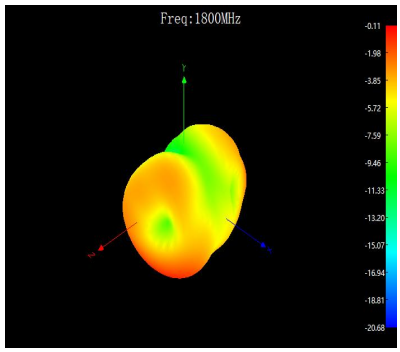
ANT2+ANT3 Coupler Active test data (Free space, Bright screen)

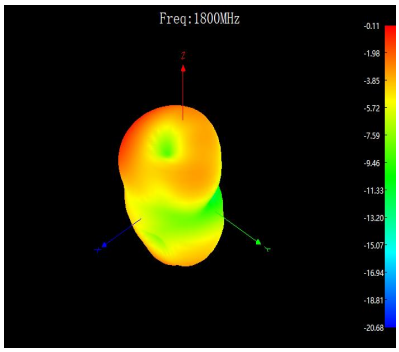
Band	OTA(dBm)		
	CH	TRP	TIS
WiFi-A	36	20.90	
	149	23.75	
	165	24.04	-74.64
WiFi-B	1	16.64	
	6	15.59	
	11	16.47	-83.05
GPS	-148.62		

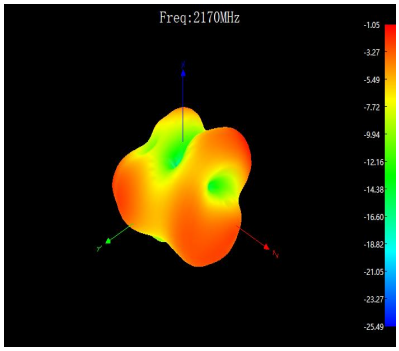
5.3 3D diagram

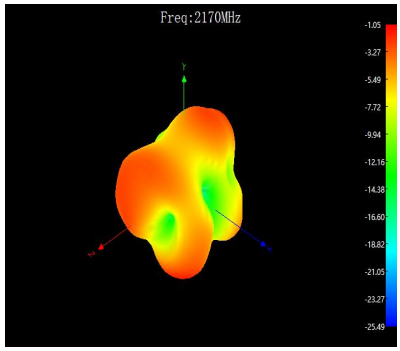
ANT1

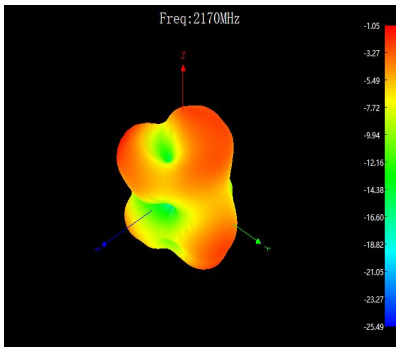


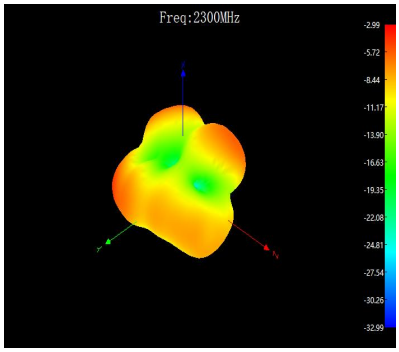


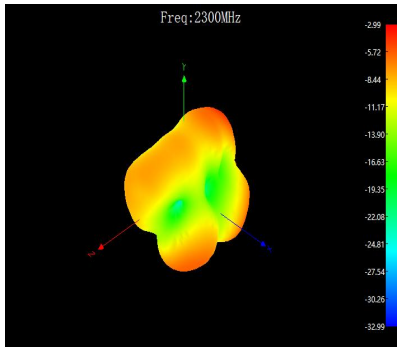


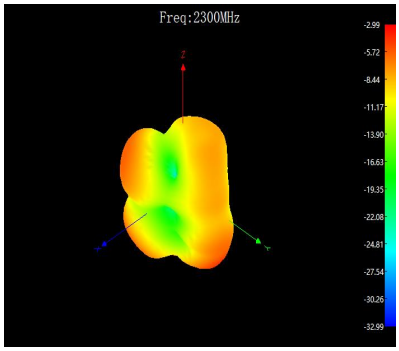


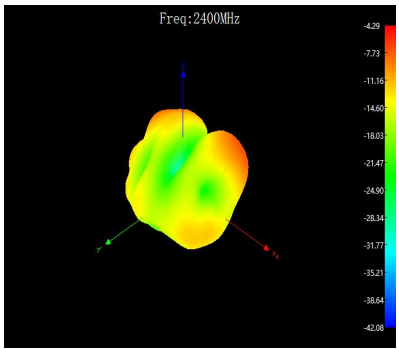


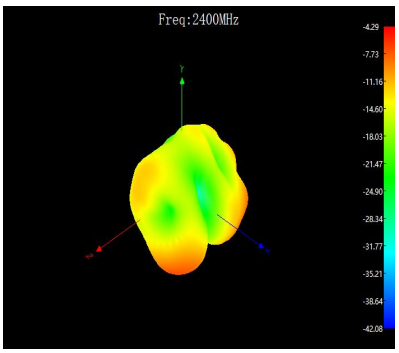


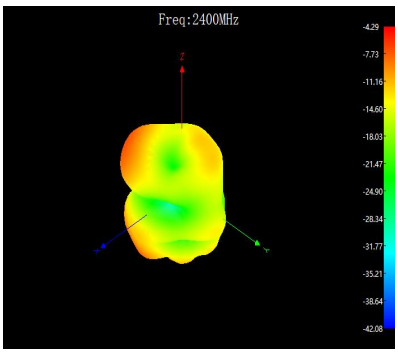


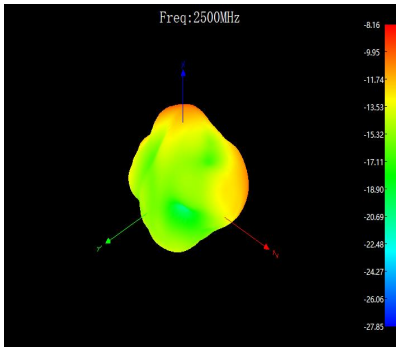


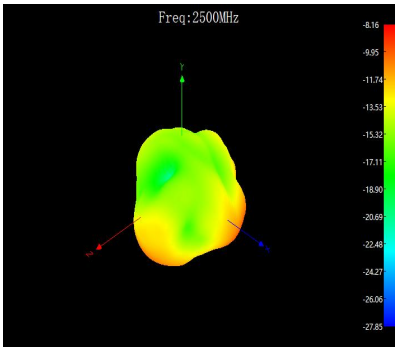


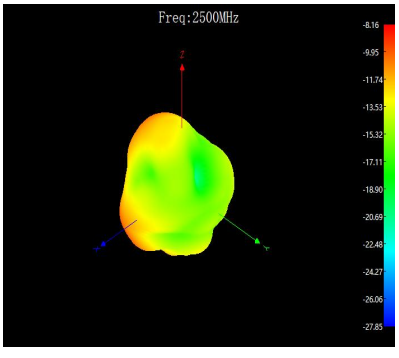






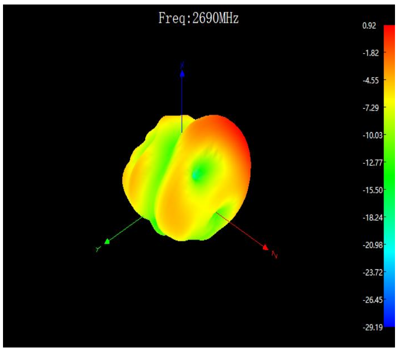


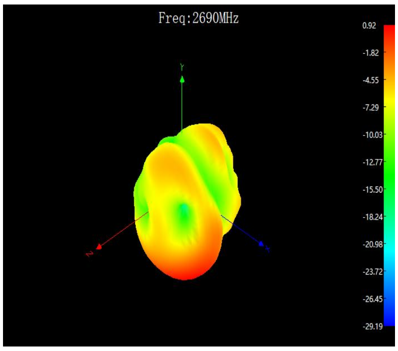


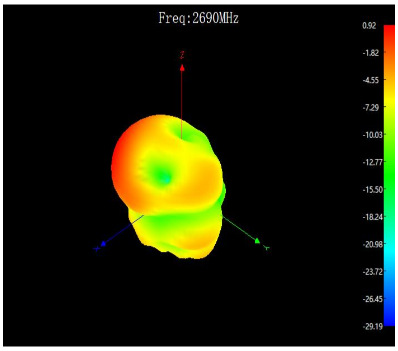


5.3 3D diagram

ANT1

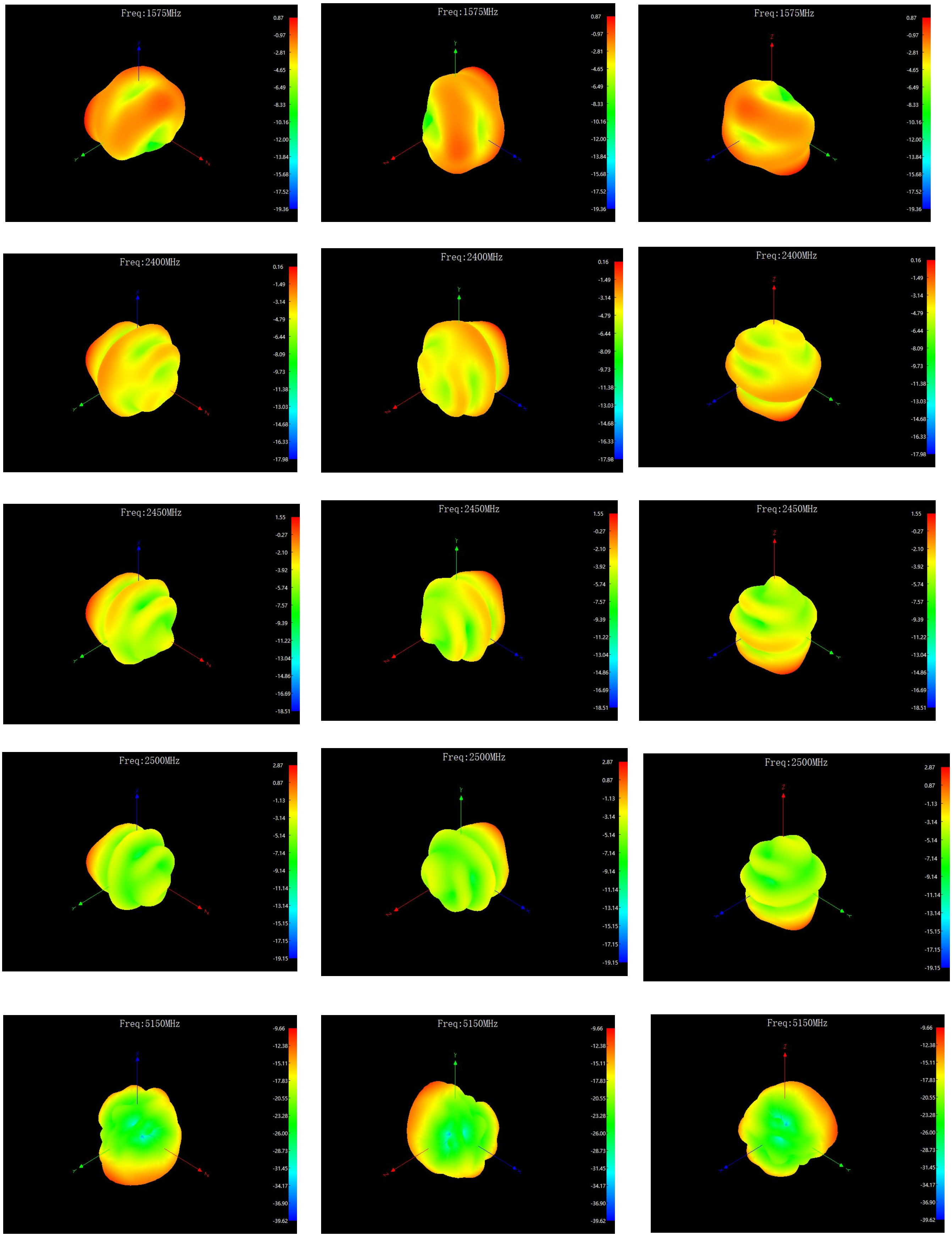




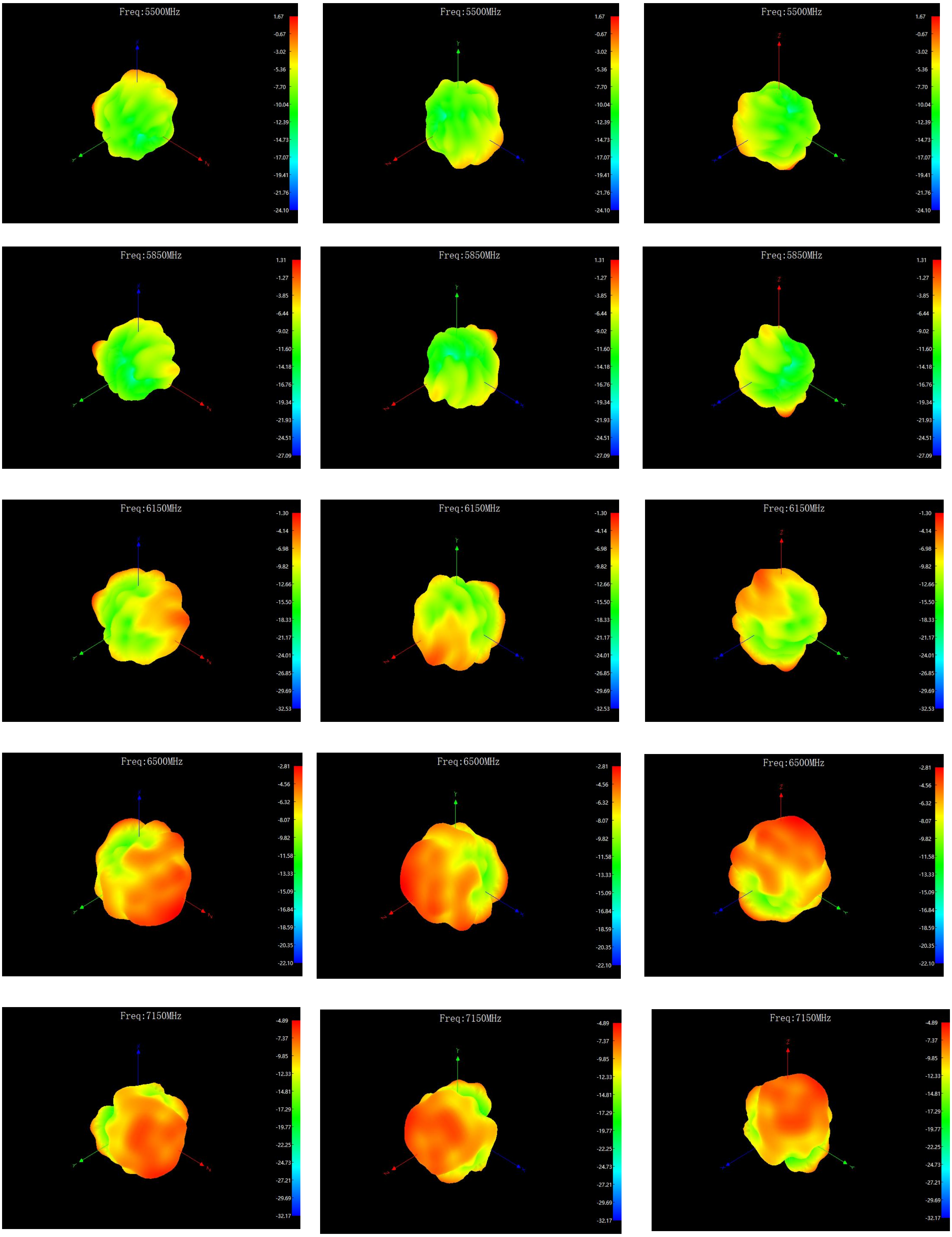


Shanghai Shangyuan Communication Technology Co., Ltd. antenna recognition

ANT2

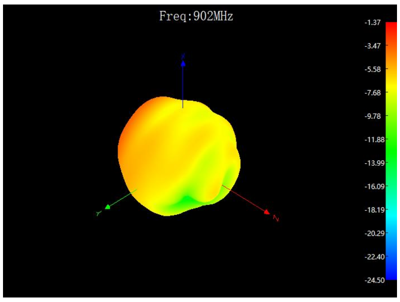


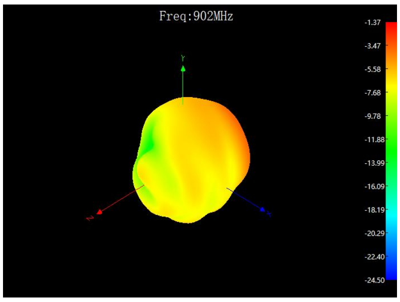
ANT2

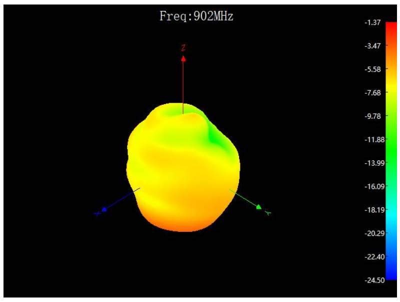

Freq:5500MHz
Freq:5500MHz
Freq:5500MHz
Freq:5850MHz
Freq:5850MHz
Freq:5850MHz
Freq:6150MHz
Freq:6150MHz
Freq:6150MHz
Freq:6500MHz
Freq:6500MHz
Freq:6500MHz
Freq:7150MHz
Freq:7150MHz
Freq:7150MHz

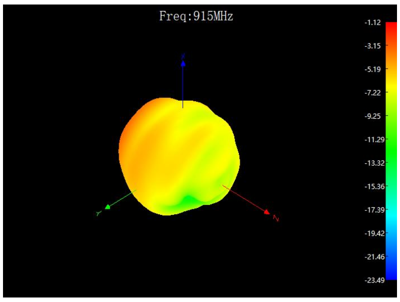
Shanghai Shangyuan Communication Technology Co., Ltd. antenna recognition

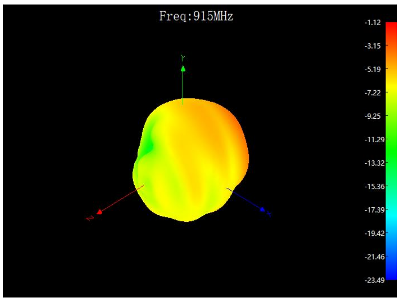
ANT4

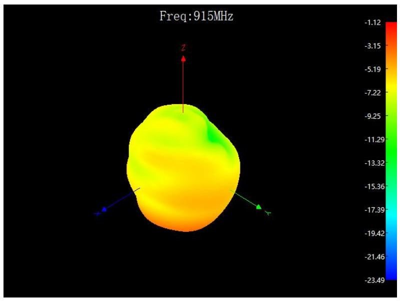


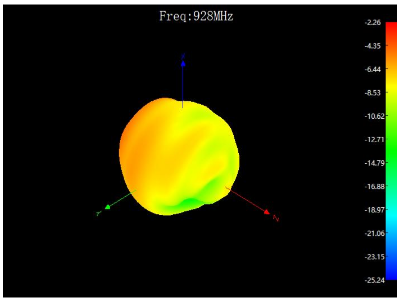


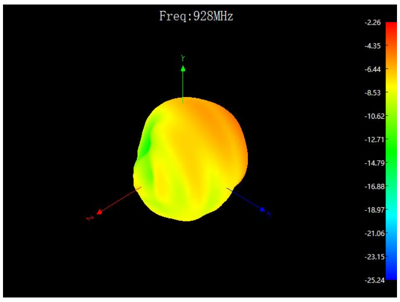


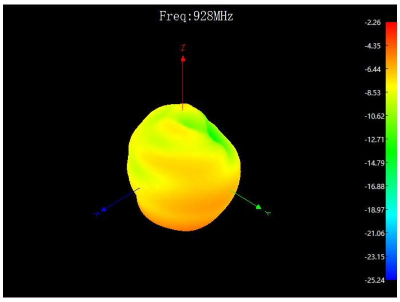










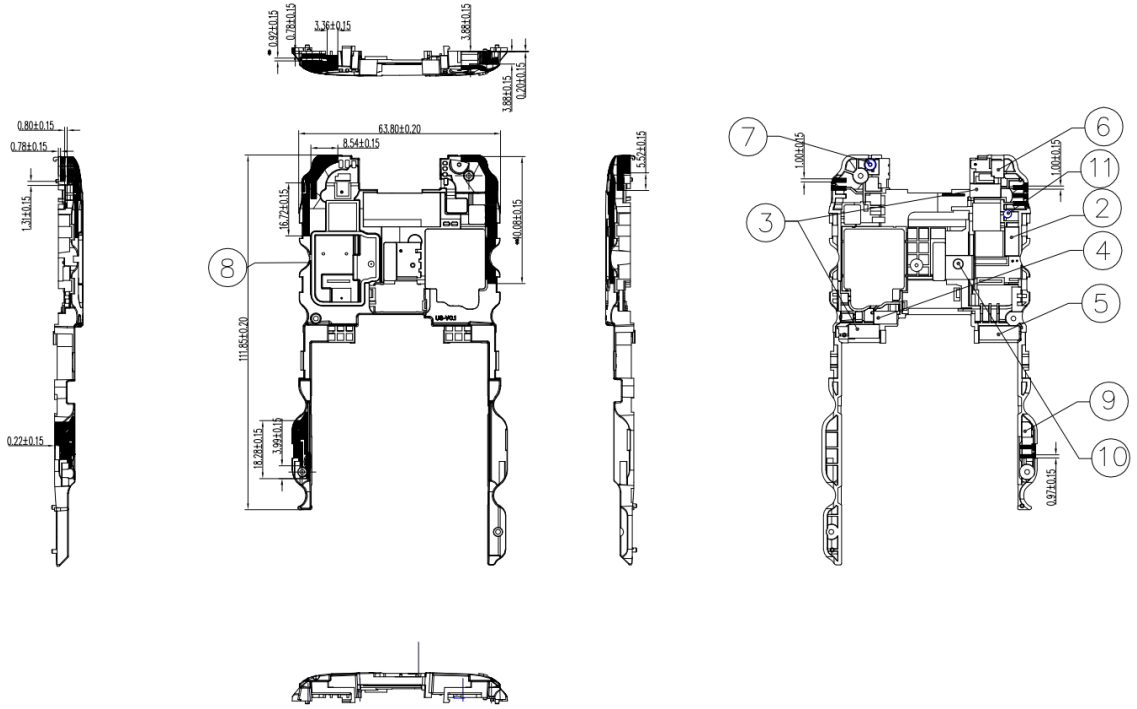


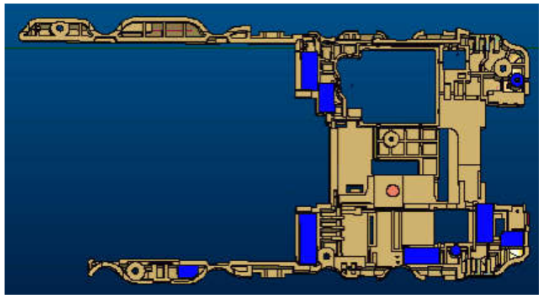
6. Prototype grounding treatment

7. 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
ANT1 791--960；1710--2690	VSWR（量产性能）<VSWR(承认性能)+1
ANT2 1575；2400-2500；5150--7125	VSWR（量产性能）<VSWR(承认性能)+1
ANT4 900-930	VSWR（量产性能）<VSWR(承认性能)+1





SN	name of parts	P/N	materials	colour	numble
12	LDS	SH25067IB04-2	LDS		1
11	Coaxial line seat foam PA788E_RF_COAXIAL_CONN	SH24285IB06-12	foam	black	1
10	RF connector foam FH09-RF-PCB-CONN-SPONGE	SH22098IB12-11	泡沫海绵	black	1
9	RF connector foam FH09-RF-PCB-CONN-SPONGE	SH22098IB06-10	foam	black	1
8	Horn sealing foam FH09-SPK-SPONGE	SH22098IB06-9	foam	black	1
7	Sub-microphone foam FH09-SUB-MIC-SPONGE	SH22098IB06-8	foam	black	1
6	Optical distance sensing connector foam FH09-P-SENSOR-CONN-SPONGE	SH22098IB06-7	foam	black	1
5	Foam for the main and secondary board connectors FH09-MAIN-SUB-FPC-1-SPONGE	SH22098IB06-6	foam	black	1
4	Battery connector foam FH09-BAT-FPC-CONN-SPONGE	SH22098IB06-5	foam	black	1
3	Screen connector foam FH09-LCM-FPC-CONN-SPONGE	SH22098IB06-4	foam	black	2
2	Card slot connector foam FH09-SIM-FPC-CONN-SPONGE	SH24285IB06-3	foam	black	1
1	bracket	SH24285IB02-2	DX11355	black	1

Technical Requirements:
1: Dimensions marked with "*" are the key inspection dimensions;
2: The auxiliary materials must not be pasted off-center.
3: The appearance requirements shall be in accordance with the antenna inspection standards
5: Unspecified tolerances shall be referred to the general tolerance table;
6.♦ The size is for reference only. The matching shall prevail

Sunnyway Technology Co.,Ltd

	PART NAME: FH22-LTE-US-RFID slave antenna	DATE:	2025.3.5
	PART NO: SH25067IB87-2	DRAWN:	zhangyuanfang
TOLERANCE X.X ±0.25 .XX ±0.25 .XXX ±0.05 ANGULAR ∠±0.5°	RF: Suhanpeng	Tel:	
	PM: Yuyan	Tel:	
	MATERIAL:	CHECKED:	yujiang
	FINISHING:	APPROVED:	
UNIT:mm	COLOUR: 黑色	SCALE:1:1	REV:LS01

Full-size measurement report

Vendor(供应商)	Material Name	LDS	Part NO（料号）	320300000196	Tool Number(模号)	Cav. Number(穴数)	Unit(单位)	Comments(设计者签字)
SUNNYWAY	Material Code	LDS	Part Name (零件名称)	FH22-LTE-US-RFID slave antenna	/	/	☐INCHES ☑MILLIMETERS	
日期	2025.5.20				/	Rev(版本)		

						MEASURED DIMENSION (实测尺寸)					% TOLERANCE USED (公差使用百分比)		DISPOSITION									ACCEPTABLE VARIANCE		
DIM. #	DIMENSION	DRAWING ZONE	+ TOL.	- TOL.	NOTE	SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	UPPER	LOWER	0%-25%	25%-50%	50%-75%	75%-100%	100%+	Re-Measure	Accept	Fix Tool	Accept With Variance	DIMENSION	+ TOL.	- TOL.
1	0.8		0.15	0.15		0.81	0.83	0.79	0.78	0.81		13%	X											
2	0.78		0.15	0.15		0.77	0.79	0.81	0.82	0.75		20%	X											
3	1.31		0.15	0.15		1.33	1.35	1.35	1.26	1.28		33%		X										
4	0.22		0.15	0.15		0.21	0.22	0.21	0.23	0.25		7%	X											
5	63.8		0.20	0.20		63.77	63.83	63.85	63.77	63.76		20%	X											
6	8.54		0.15	0.15		8.55	8.56	8.51	8.5	8.53		27%		X										
7	16.72		0.15	0.15		16.73	16.77	16.75	16.68	16.67		33%	X	X										
8	111.85		0.20	0.20		111.88	111.83	111.82	111.88	111.81		20%	X											
9	18.28		0.15	0.15		18.25	18.22	18.26	18.24	18.33		40%		X										
10	3.99		0.15	0.15		4.02	3.96	3.95	4.03	4.01		27%		X										
11	43.31		0.15	0.15		43.35	43.36	43.28	43.27	43.26		33%		X										
12	0.92		0.15	0.15		0.93	0.91	0.95	0.88	0.87		33%		X										
13	0.78		0.15	0.15		0.77	0.78	0.81	0.82	0.81		7%	X											
14	3.36		0.15	0.15		3.39	3.32	3.38	3.31	3.39		33%		X										
15	3.88		0.15	0.15		3.85	3.89	3.91	3.83	3.93		33%		X										
16	3.88		0.15	0.15		3.83	3.86	3.92	3.91	3.92		33%		X										
17	0.2		0.15	0.15		0.22	0.24	0.18	0.21	0.22		13%	X											
18	5.53		0.15	0.15		5.55	5.58	5.49	5.51	5.48		33%		X										
19	1		0.15	0.15		1.02	1.03	0.98	0.99	1.01		13%	X											
20	1		0.15	0.15		1.02	1.03	0.98	0.99	1.01		13%	X											
21	0.97		0.15	0.15		0.96	1.03	0.98	0.99	1.01		7%	X											
22																								
23																								
24																								
25																								
26																								
27																								

CPK Report

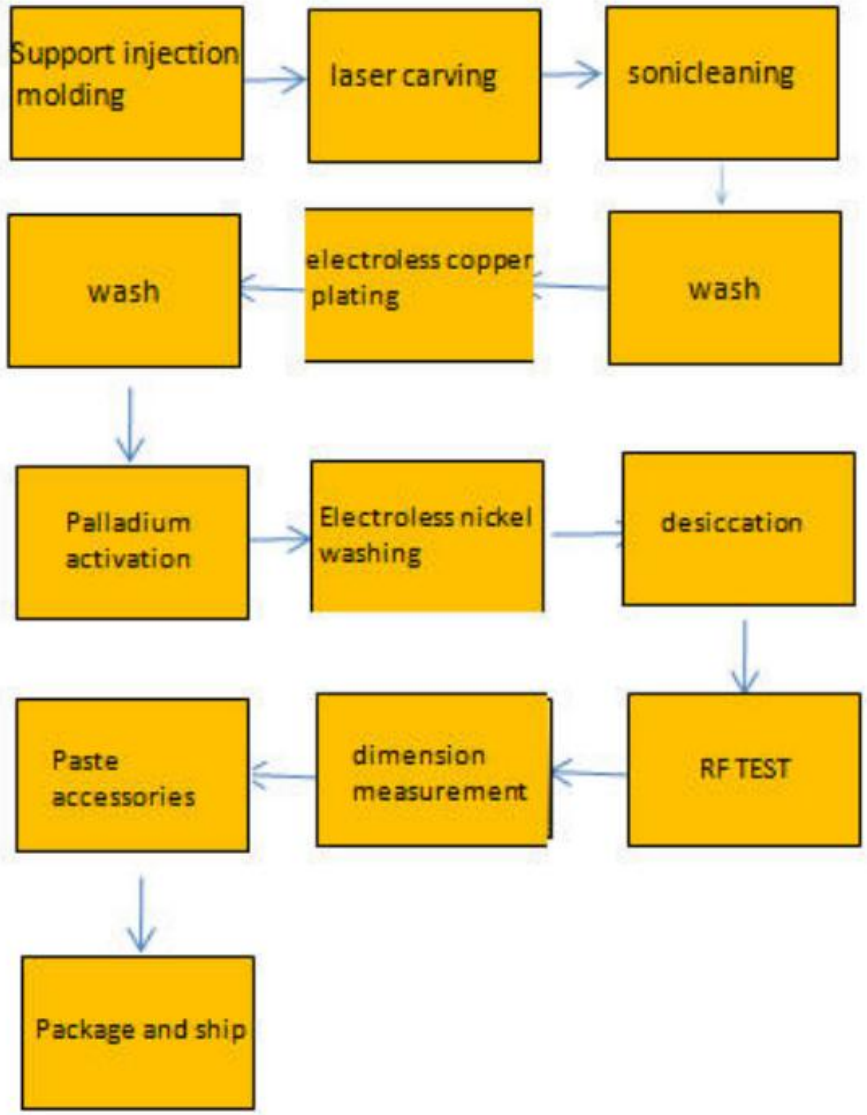
Part Number(料号)	320300000196	Vendor(供应商)	SUNNYWAY
Description(零件名称)	FH22-LTE-US-RFID slave antenna	Inspected(确认者)	CHENXIAOPING
Tool Number(模号)	/	Inches/MM(英寸/毫米)	MM
Cavity(穴号)	/	Material Name(材质名称)	LDS
		Material Code(材质牌号)	LDS
Revision(版本)	V1.0	Date(日期)	2025.5.20

Dim. Designator(尺寸序号)	1	2															
Nominal(公称尺寸)	0.92	8.54															
+ Tolerance(正公差)	0.15	0.15															
- Tolerance(负公差)	-0.15	-0.15															
Upper Limit(规格上限)	55.00	0.17															
Lower Limit(规格下限)	51.00	0.07															
1	53.22	0.128															
2	53.25	0.122															
3	52.88	0.127															
4	53.35	0.129															
5	53.15	0.122															
6	52.89	0.123															
7	52.96	0.122															
8	52.88	0.129															
9	53.35	0.126															
10	53.65	0.122															
11	52.89	0.118															
12	52.96	0.122															
13	53.15	0.102															
14	52.89	0.125															
15	52.96	0.107															
16	52.88	0.122															
17	53.35	0.121															
18	52.88	0.122															
19	53.35	0.132															
20	53.15	0.122															
MAX.	53.65	0.13															
MIN.	52.88	0.10															
AVERAGE	53.10	0.12															
STDEV	0.23	0.01															
CP	2.93	2.39															
Cpk	2.78	2.28															
TOOLING(测量工具)	two-dimensional measurement	two-dimensional measurement															

produce：weiyueli	check：chenxiaoping	data:2025.4.8

Process Flow Chart(制造流程图)

Customer(客户)	GUANGYI	Written By(制作)	LINFENG	Orig. Date(制作日期)	2025.5.20
Part Number(料号)	32030000019	Revised By(校订)	YUJIANG	Revised Date(校订日期)	2025.5.20
Description(零件名称)	FH22-LTE-US-RFID	Approved By(确认)	CAOJINMAO	Approved Date(确认日期)	2025.5.20



RoHS 2.0 Restricted Substance Composition Survey Form

SALEABLE PART

Part number	Part name/model	Supplier material number	Manufacturer's name	The green material identification method for suppliers
320300000173	FH22-LTE-US-RFID slave antenna	SH24285IB87-2	SUNNYWAY	RoHS

SUB-PART

serial number	Name (Chinese/English)		Material number (monomer/material component number or grade in the monomer)	Single product Usage amount (g)	供应商	Test report	限用物质含量PPM										control method	RoHS Report		remark
	monomer	The material components in the monomer				YES/NO	铅 (Pb)	铅 (Pb)	汞 (Hg)	六价铬 (Cr6+)	多溴联苯 (PBBs)	多溴二苯醚 (PBDEs)	邻苯二甲酸二异丁酯 (DIBP)	邻苯二甲酸(2-乙基己基酯)	邻苯二甲酸二丁酯 (DBP)	邻苯二甲酸丁苄酯 (BBP)		serial number	DATA	
1	LDS	Copper-nickel				有	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	A2240613314101001C	24.10.9	
2	foam	foam				有	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	CANPC25002258702	2025.2.17	
3	Damping clothDamping cloth	Damping clothDamping cloth				有	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	TSNEC25000315406	2025.2.18	
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				

produce：weiyueli　　check：chenxiaoping　　data：2025.4.8

BOM

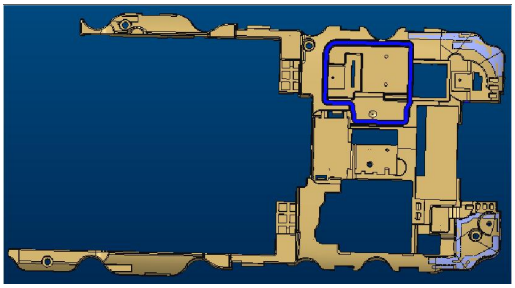
■ **ROHS2.0**

serial number	Part number	name of parts	Part Description	name of the supplier	Supplier model	quantity	YES/NO **ROSH**	备注 **Remark**
1	320300000173	FH22-LTE-US-RFID slave antenna	LDS	sunnyway	SH24285IB87-2	1	YES	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

produce：weiyueli　　check：chenxiaoping　　data：2025.4.8

manner of packing

1.Single product packaging photos or 2D images (for materials with individual packaging)



2. Single-layer product packaging photos or 2D images (demonstrating neatness and reliability)

reference picture

3. Photos of all layers of products placed inside the box (demonstrating sealing and

4. Overall photos or 2D images of the entire box after sealing (overall sealing status)

reference picture

5. Single package product labels (material number, product name, quantity, etc.)

customer name:	Shanghai Guangyi Zhilian Technology Co., LTD
product name:	FH22-LTE-US-RFID
order number:	
Shangyuan Technology Coding:	SH25067IB87-2
Customer material code:	320300000196
quantity:	1PCS
supplier:	Sunnyway Technology Co.,Ltd
inspector:	

6. Outer box labels (material number, product name, quantity and other information)

customer name:	Shanghai Guangyi Zhilian Technology Co., LTD
product name:	FH22-LTE-US-RFID
order number:	
Shangyuan Technology Coding:	SH25067IB87-2
Customer material code:	320300000196
quantity:	1PCS
supplier:	Sunnyway Technology Co.,Ltd
inspector:	

product name	FH22-LTE-US-RFID slave antenna	
Product material number	320300000196	
material description		
Description of packaging methods or packaging materials	Pallet + carton	
The quantity of packaging inside the box	The quantity of each layer or each package	
	The number of layers or	
	The quantity of each box	

remark

1. Prepare the required packaging materials and place them in a favorable position for work. ₩ n2. According to the packaging specification of SYC-BZ01, use cartons (SYC-01) and pallets for packaging. 3. Each box is subject to the actual packaging

Supplier's signature	chenxiaoping
data	2025.5.20