

Antenna Specification

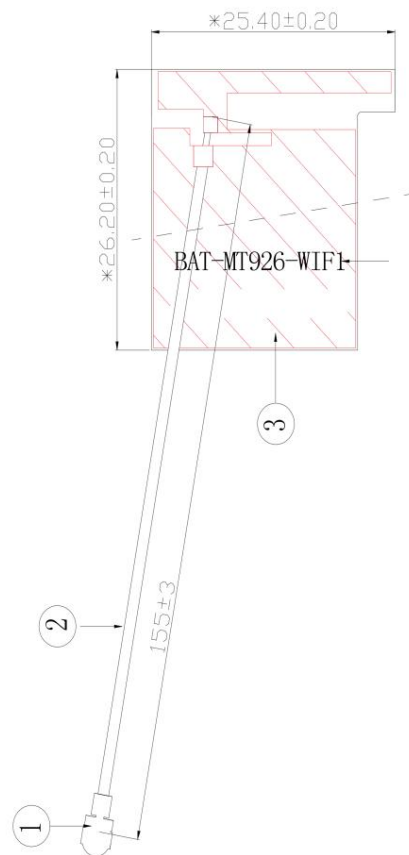
Project name: OD.P.SCSD16.MT926

Specification description: Built-in antenna-2.4/ 5G-gray 1.13 tin tin wire-1st generation terminal

-L=155mm-FPC-26.2×25.4mm

Manufacturer: Zhongshan Boantong Communication Technology Co., Ltd.

3. Product drawing



Electrical parameters	
Frequency Range	2400~2500/5150~5850MHz
input resistance	50 Ω
VSWR	Sample sealing against engineering
Power Capacity	<10w
Polarization mode	linear polarization
Radiation direction	Omnidirectional
Connector model	terminal
Mechanical parameters	
line length	155±3mm
Terminal holding force	≥1kgf
coaxial cable	Gray 1.13 tin tin wire
Salt spray test	24H
Environmental parameters	
Operating temperature	-30℃~65℃

Electrical performance test report (complete machine)

S11 Parameter WIFI position 1



WiFi location 2



VSWR data

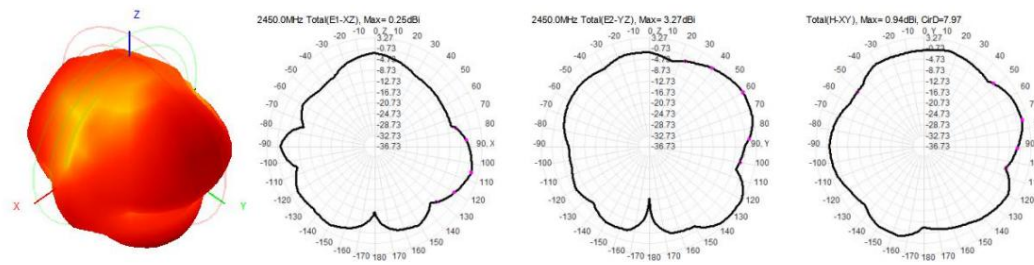
Freq (MHz)	2400	2450	2500	5150	5500	5850
WIFI position 1	1.29	1.18	1.64	1.68	1.51	1.20
WIFI location 2	1.68	1.50	1.28	1.73	1.75	1.47

Antenna darkroom test data

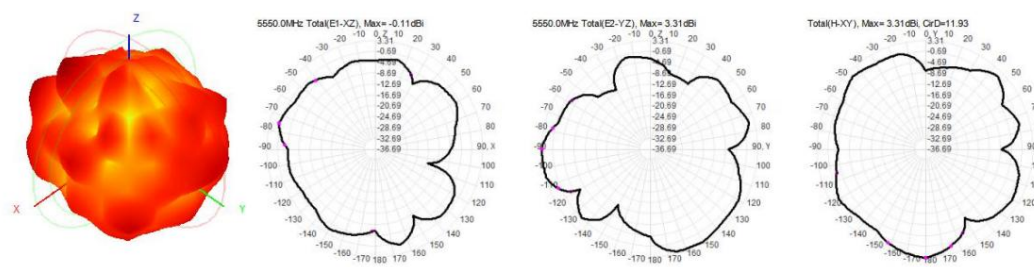
Frequency (MHz)	WiFi location 1		WiFi location 2	
	Gain (dBi)	Efficiency (%)	Gain (dBi)	Efficiency (%)
2400	4.41	61.69	4.05	46.99
2410	4.35	62.22	4.03	48.77
2420	4.40	62.24	3.90	49.98
2430	4.35	61.56	3.63	50.62
2440	3.85	59.17	3.05	56.03
2450	3.27	61.05	2.30	58.56
2460	3.92	58.90	3.63	58.23
2470	3.82	58.47	3.83	60.43
2480	3.77	58.80	4.10	62.27
2490	3.33	54.45	4.04	61.36
2500	3.26	54.85	4.23	62.78
5150	4.68	53.57	4.26	55.93
5250	4.72	51.67	4.02	58.52
5350	3.87	57.40	4.60	53.74
5450	3.34	52.08	4.69	54.51
5550	3.31	54.01	3.37	50.00
5650	4.66	53.61	4.62	55.38
5750	4.29	52.25	5.10	54.93
5850	5.19	54.70	4.57	50.89

Antenna pattern

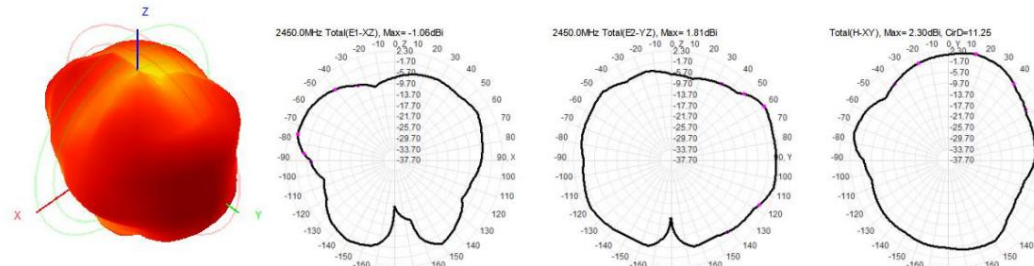
WiFi Location 1-2450MHz



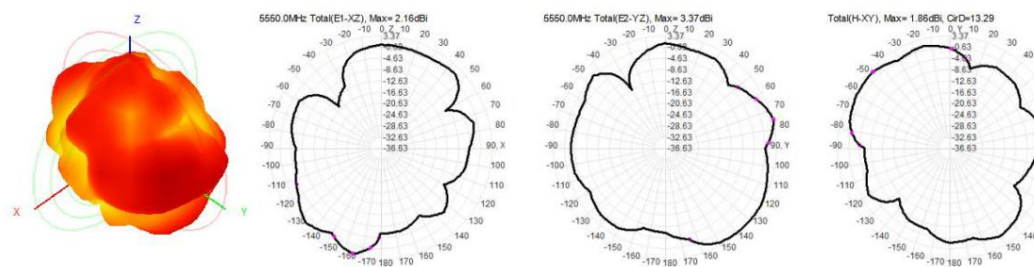
WiFi Location 1-5550MHz



WiFi Location 2-2450MHz



WiFi location 2-5550MHz



Product Packaging Specifications

PACKING CRITERION

Product number: 74300061

Product specification: built-in antenna-2.4y5G-gray 1.13 tin tin wire-1st generation terminal-L=155mm-FPC-26.2×25.4mm

1. Label requirements (refer to the corresponding product label production requirements according to the customer name, and follow the ordinary label requirements if there is no requirement)

The inner label is about **10cm** long and **6cm** wide

demand side	*****		
Supplier	Zhongshan Boantong Communication Technology Co., Ltd.		
Material coding	*****		
Production order number	*****		
Product name and specification*****	Inspector**		
Quantity/Unit*****	date****. ** *		
Traceability Code*****	Serial Number**		

The outer label is about **10cm** long and **6cm** wide

demand side	*****		
supplier	Zhongshan Boantong Communication Technology Co., Ltd.		
Material coding	*****		
Production order number	*****		
Product name and specification*****	Inspector	**	
Quantity/Unit*****	date****. ** *		
Traceability code*****	serial number	**	

2. Packing requirements

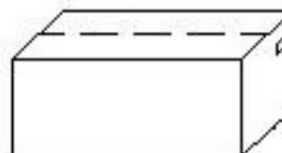
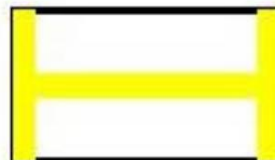
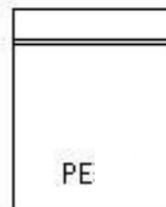
Job description:

1. inner packaging:

Product 50 PCS/sachet,
200 PCS/big bag

2. Outer packing:

Quantity/carton according to actual packing



Precautions:

- Whether to add partitions and pearl cotton;
- Attachment of labels, such as ROHS, etc.;

