



HUIZHOU DONZHI ELECTRONICS CO.,LTD

Sample Confirmation Letter

Customer: Dongguan Zhiyun IOT Co.,Ltd

Customer P/N: 10700131

Donzhi P/N:

Part Name: FPC antenna

Specification: 2.4G-1.19DBI

Donzhi Checked By:		Customer Approved By:	
DRAWN	<u>Zenghongta</u>	TESTED BY	
CHECKED BY	<u>Lugujian</u>	CHECKED BY	
APPROVED BY	<u>Annie</u>	APPROVED BY	

Address: No.17 Aipo Tianyuan Road Hengli Town huicheng District, Huizhou

City, Guangdong Province

Tel: 0752-3886801 13823769366

E-mail: hzdonzhi@163.com



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WiFi antenna test data

Frequency(MHz)	Gain(dBi)
2400	-2.37
2410	-2.5
2420	-2.23
2430	-1.65
2440	-1.03
2450	-0.66
2460	-0.57
2470	-0.31
2480	0.2
2490	0.79
2500	1.19

Frequency(MHz)	Efficiency(%)
2400	22.78
2410	22.75
2420	23.81
2430	26.46
2440	29.31
2450	30.97
2460	31.06
2470	31.97
2480	34.36
2490	37.32
2500	39.63

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City,GuangdongProvince

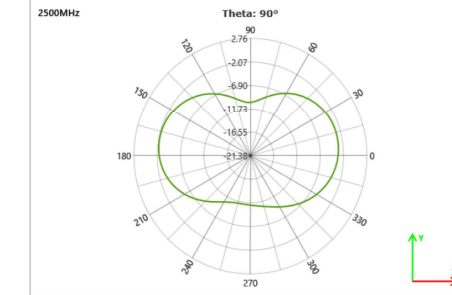
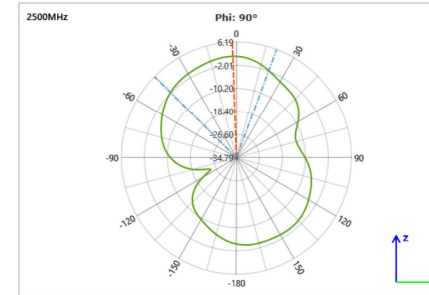
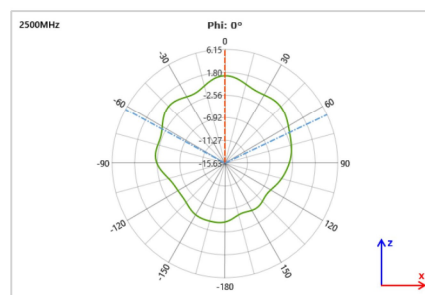
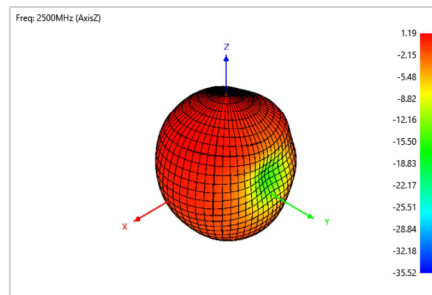
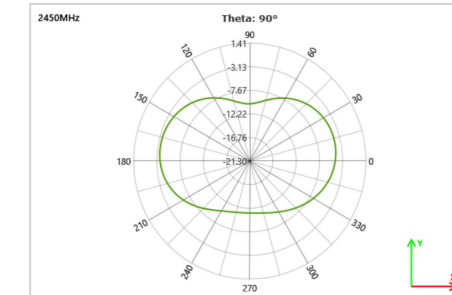
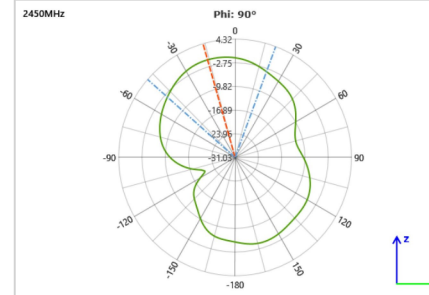
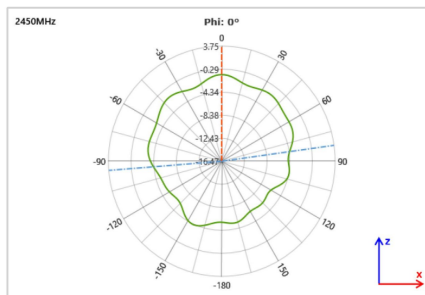
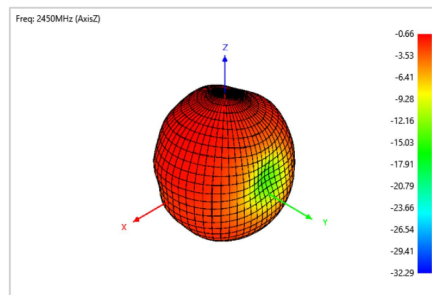
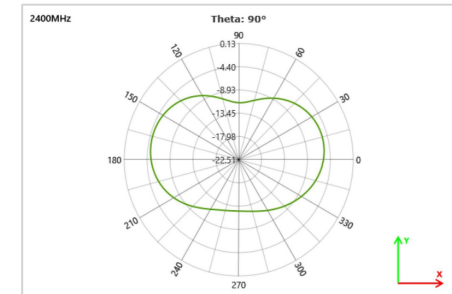
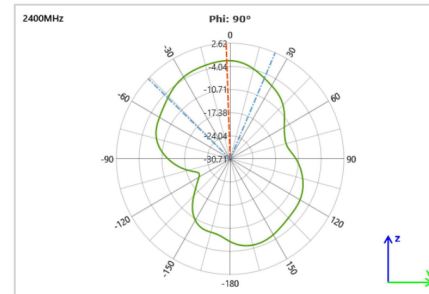
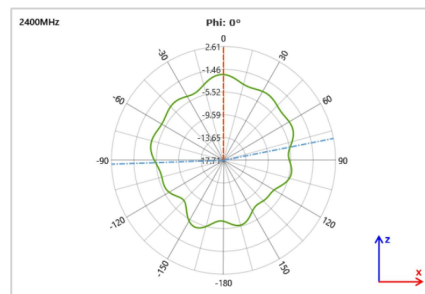
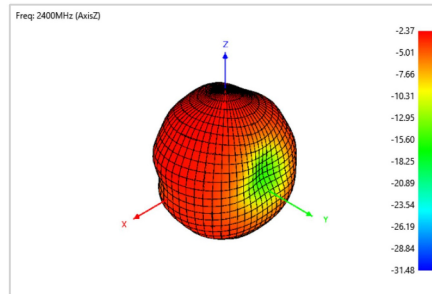
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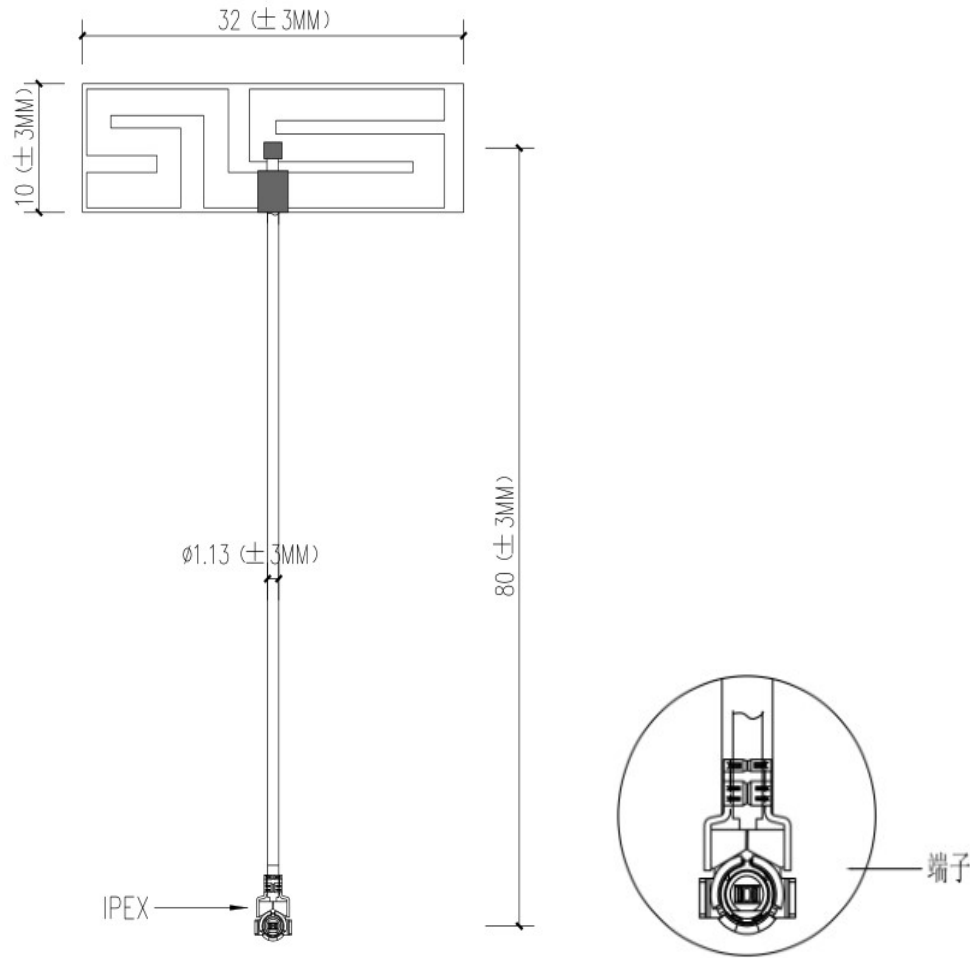


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3D Drawing



Revision	Change Notification	Date
V1.0	New release	2026/3/30



NO.	Part Name	Material	Finish	Q' ty
1	IPEX		Au Plated	1
2	FPC	FPC	yellow	1
3	tin	solder	Silver	2
4	Coaxial Cable	OD1.13mm	black	1

TITLE:	2.4G-FPC Antenn	APPROVED BY	Annie
Frequency	2400-2500MHz	CHECKED BY	Luogujian
Impedance	50 Ω	DRAWN	Zenghongfa
S. W. R.	≤1.5	Version	1.0
Antenna Gain	1.91DBI	DATE	2026/3/30
Material of Plasti	ABS、TPE	UNITS:	MM



1: Specification

Product Specification: Waterproof antenna

Mechanical property indicators			
Dimension:	30.5*10mm	Cable Type:	80MM
Ingredient:	1. FPC 2. Coaxial Cable D01. 13 3. IPEX	Colour:	yellow
		Operation Temperature:	- 40 °C ~ + 80°C

Electrical Characteristics			
Frequency:	2400-2500MHZ	Polarization :	Linear
Impedance:	50 Ω	radiation direction:	All around
S. W. R. :	≤1.5	Working voltage:	5V
Antenna Gain:	1.91DBI	WLAN:	2. 4G

2. Sample Photo

