

SPECIFICATION

Name of the buyer: Jiangsu Austin Optoelectronic Technology Co., Ltd

Buyer's material number:

Supplier company name: Shenzhen Jia Zhichun Technology Co., LTD

Supplier product material number: PNM156LFH2-WIFI-04202-V01(JZC)

Supplier product description: built-in WIFI antenna

Remarks:

Signature of the demander:

The demander seal:

Signature of the supplier:

Seal of the Supplier:

MAKE:

FU JIAN JUN

DATE:

2024.5.27

ADDREES

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Maker	Examine and verify	Ratify
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1、 Product Picture

1.The overall appearance



2、 Antenna Specifications

2.1 、 Physical characteristics

Antenna Dimensions (mm)	26.3×18.2	Cable length (mm)	330
Connector model	Generation 1 IPEX(MHF ①)	Type of Cable	RF1.13 coaxis
Antenna material	FPC	Antenna colour	Black
Working temperature	-30℃~75℃	Working humidity	10%~95%
Storage temperature	-30℃~75℃	Storage humidity	10%~95%
Conductive foam size(mm)	10×10×10		

2.2、 Electrical character; electrical specification

frequency (MHz)	2400~2500 & 5100~5850	Impedance	50Ω
Gain (MAX)	2.0dBi(2400~2500MHz) 3.2dBi(5100~5850MHz)	VSWR	≤3.0
Polarization	Linear polarization		

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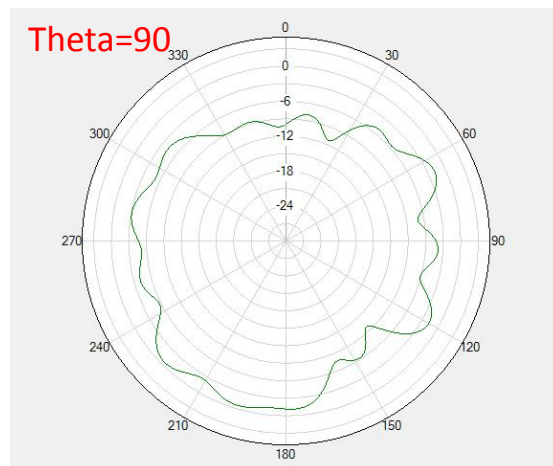
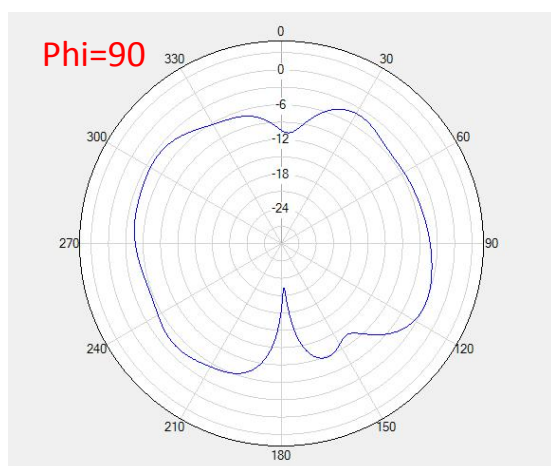
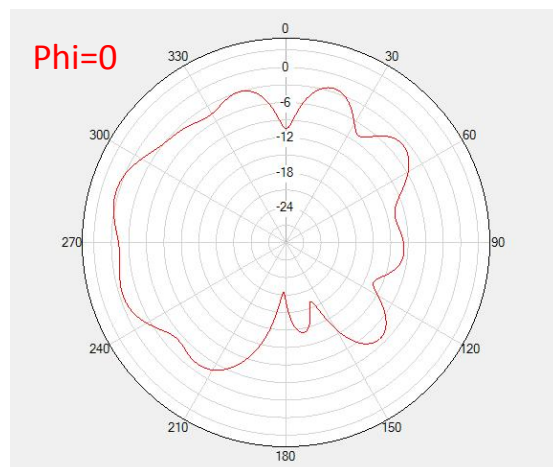
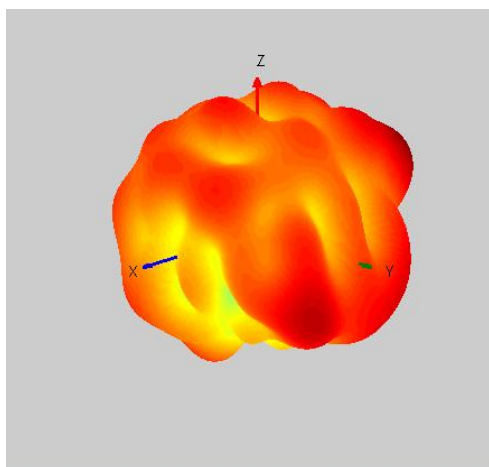
3、OTA Test Data

Channel		3D ACTIVE	
		TRP (dBm)	TIS (dBm)
802.11b/11M	1	15.03	-75.06
	6	14.68	-74.5
	11	14.2	-73.19
802.11a/54M	36	15.6	-68.26
	100	15.16	-69.81
	165	14.4	-67.15

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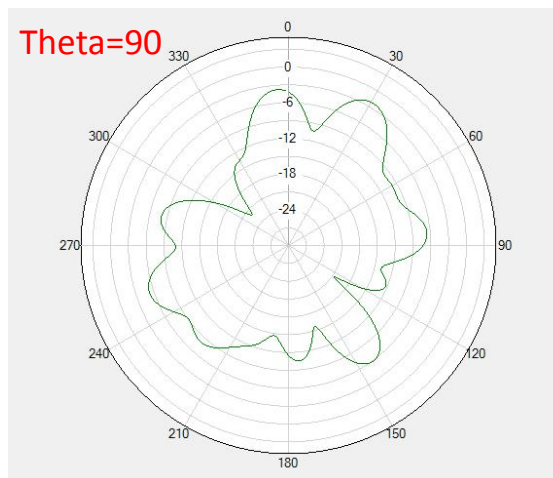
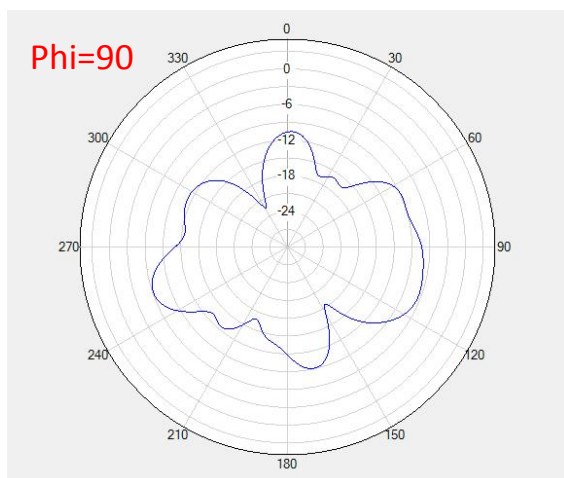
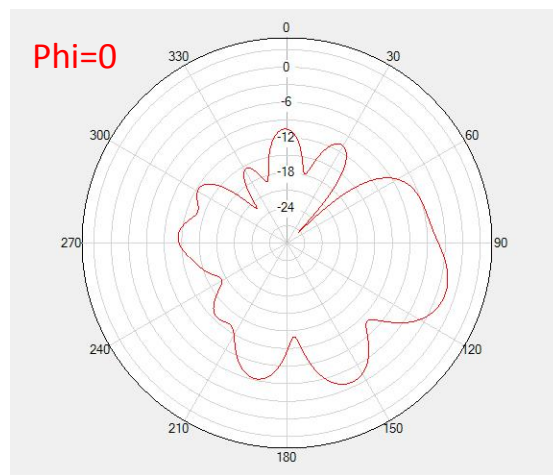
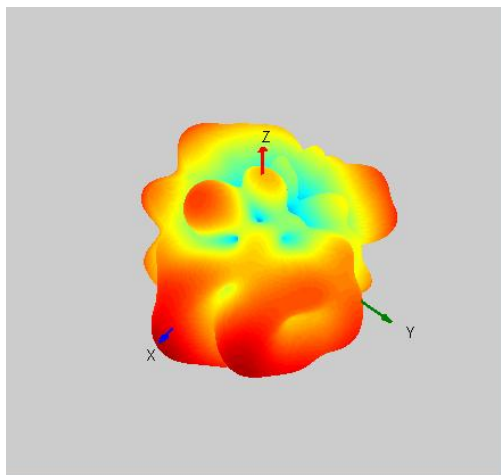
4. 3D/2D Radiation Pattern

2.4G



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5. Schedule Drawing

