

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: 10.1-WIFI-04202-V02(JZC)

Supplier product description: built-in WIFI antenna

Remarks:

Signature of the demander:	The demander seal:
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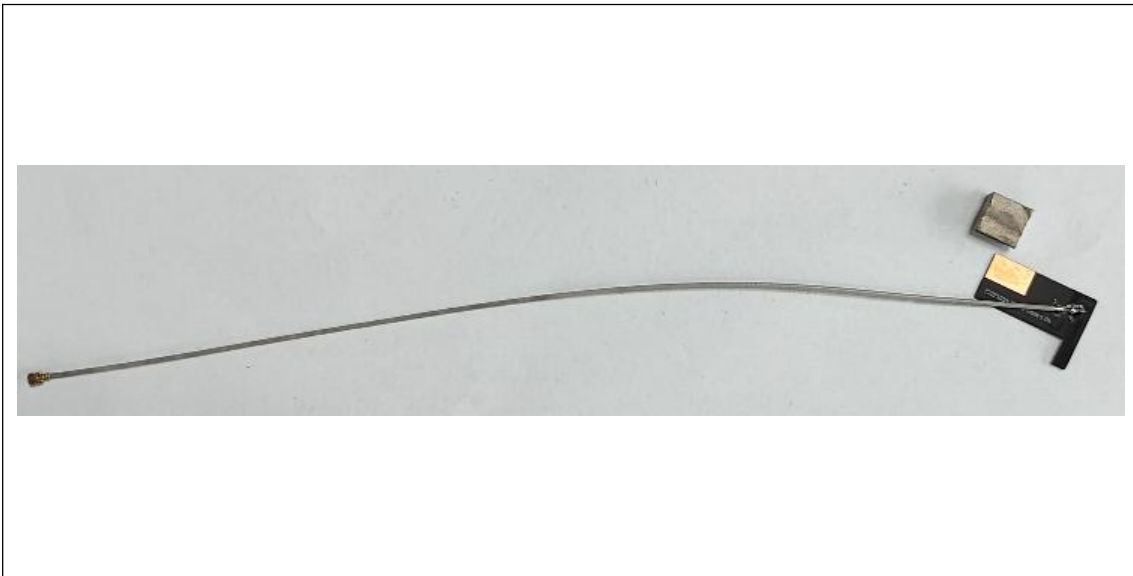
Signature of the supplier:	Seal of the Supplier:
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MAKE: FU JIAN JUN	DATE: 2023.10.28	ADDREES	2nd floor, Building 12, Nangang First Industrial Park, Songbai Road, Nanshan District, Shenzhen
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		FAX	0755-26913300

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Maker	Examine and verify	Ratify
FU JIAN JUN	YANG KUI	YE XUE

1、 Product Picture

1.The overall appearance



2、 Antenna Specifications

2.1、 Physical characteristics

Antenna Dimensions (mm)	26.3×18.2	Cable length (mm)	350
Connector model	Generation 1 IPEX(MHF ①)	Type of Cable	RF1.13 coaxis
Antenna material	FPC	Antenna colour	Black
Working temperature	-40℃~80℃	Working humidity	10%~95%
Storage temperature	-45℃~85℃	Storage humidity	10%~95%
Conductive foam size(mm)	10×10×10		

2.2、 Electrical character; electrical specification

frequency (MHz)	2400~2500/5100~5850	Impedance	50 Ω
Gain (MAX)	2dBi	VSWR	≤3
Polarization	Linear polarization		

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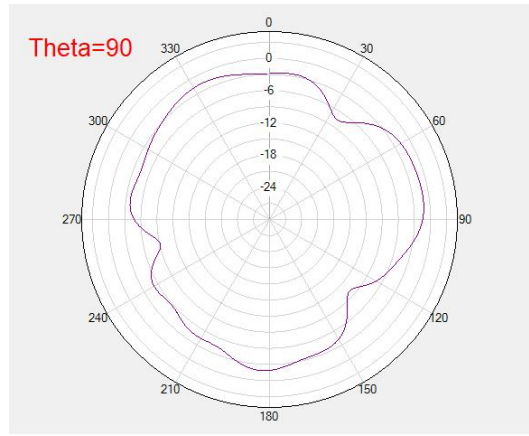
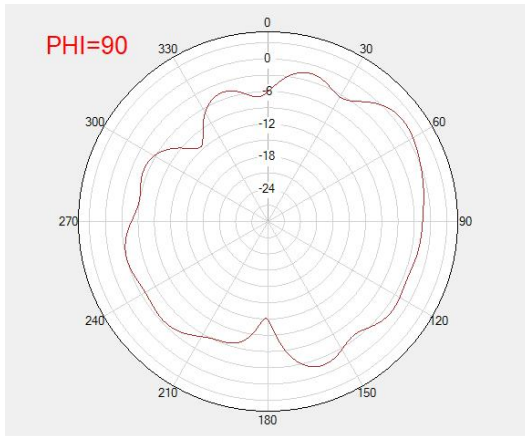
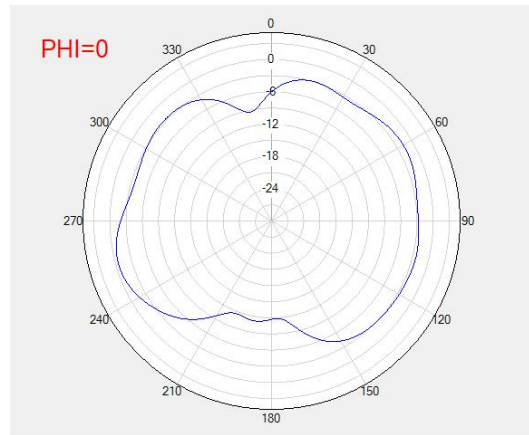
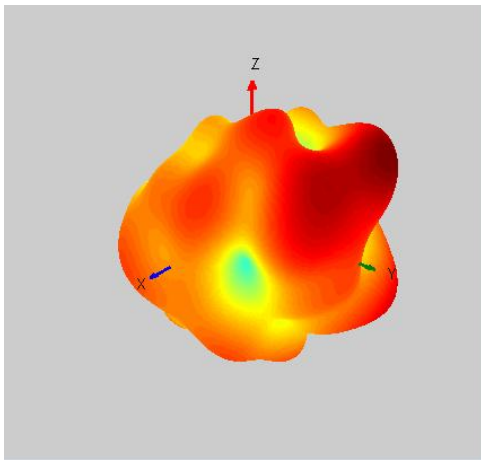
3、OTA Test Data

Channel		3D ACTIVE	
		TRP (dBm)	TIS (dBm)
2.4G 802.11b/11M	1	11.62	-77.27
	6	12.37	-76.18
	11	11.69	-76.55
5G 802.11a/54M	36	10.92	-65.95
	100	12.33	-66.61
	165	10.27	-68.47

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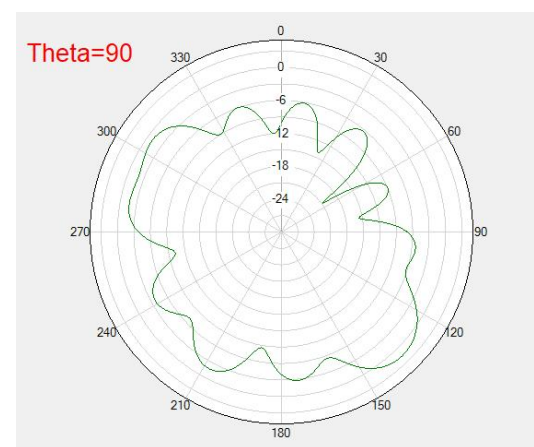
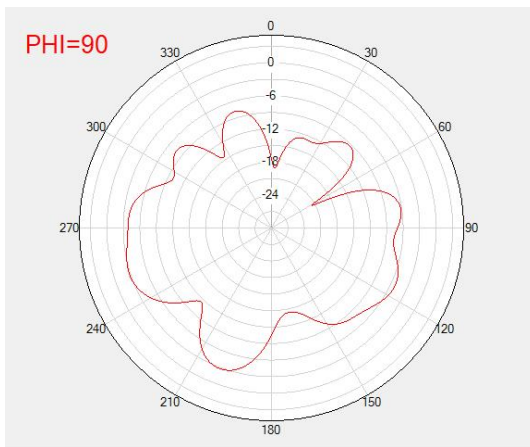
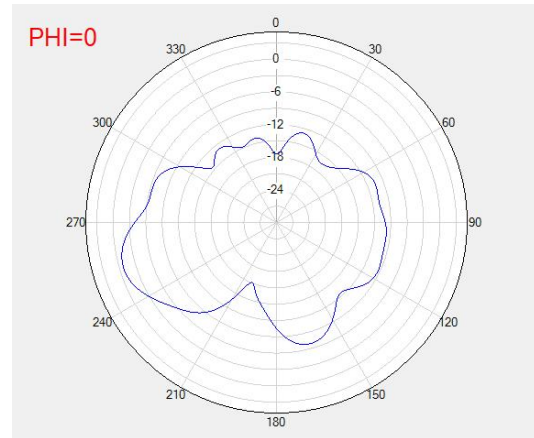
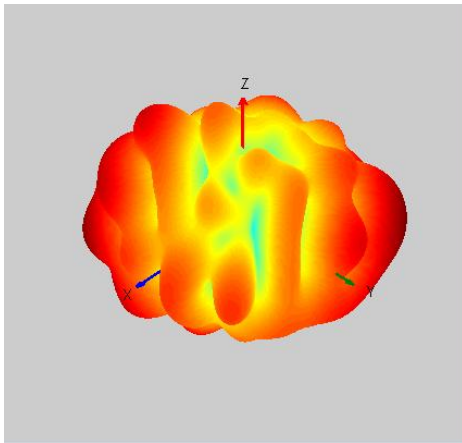
4. 3D/2D Radiation Pattern

2.4G



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5.Schedule Drawing

