

SPECIFICATION FOR APPROVAL

PRODUCT NAME: 2.4G-2dBi +IPEX,L=205mm

CUSTOMER P/N: Shenzhen Jingxing Wireless Technology Co., Ltd.

P/N: 2.4G Copper tube antenna+IPEX,L=205mm

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2023. 8. 18	

Contents

<i>Item</i>	<i>Description</i>
1.	-----
2.	-----
3.	-----

1:

		Main technical specifications	
		Frequency Range (MHZ)	2400~2500
		Impedance(Ω)	50
		Gain(dBi)	2.31
		VSWR	≤ 1.92
		Admitted Power	10W
		Polarization	Linear, Vertical
		Connector Type	RF Cable+IPEX
		Physical Properties	
		Antenna Base	Copper
		Operating Temp	-20℃~+65℃
		Storage Temp	-30℃~+75℃

Technical drawing of a cable assembly. The main view shows a cable with a length dimension of 205 ± 3 . Callout 1 points to the cable jacket, callout 2 points to the braid, and callout 3 points to the center conductor. A detail view 'A' shows a cross-section of the cable with a diameter dimension of 4.0 . The drawing includes a title block with the following information:

REV	DATE	DESCRIPTION
A		NEW ISSUE

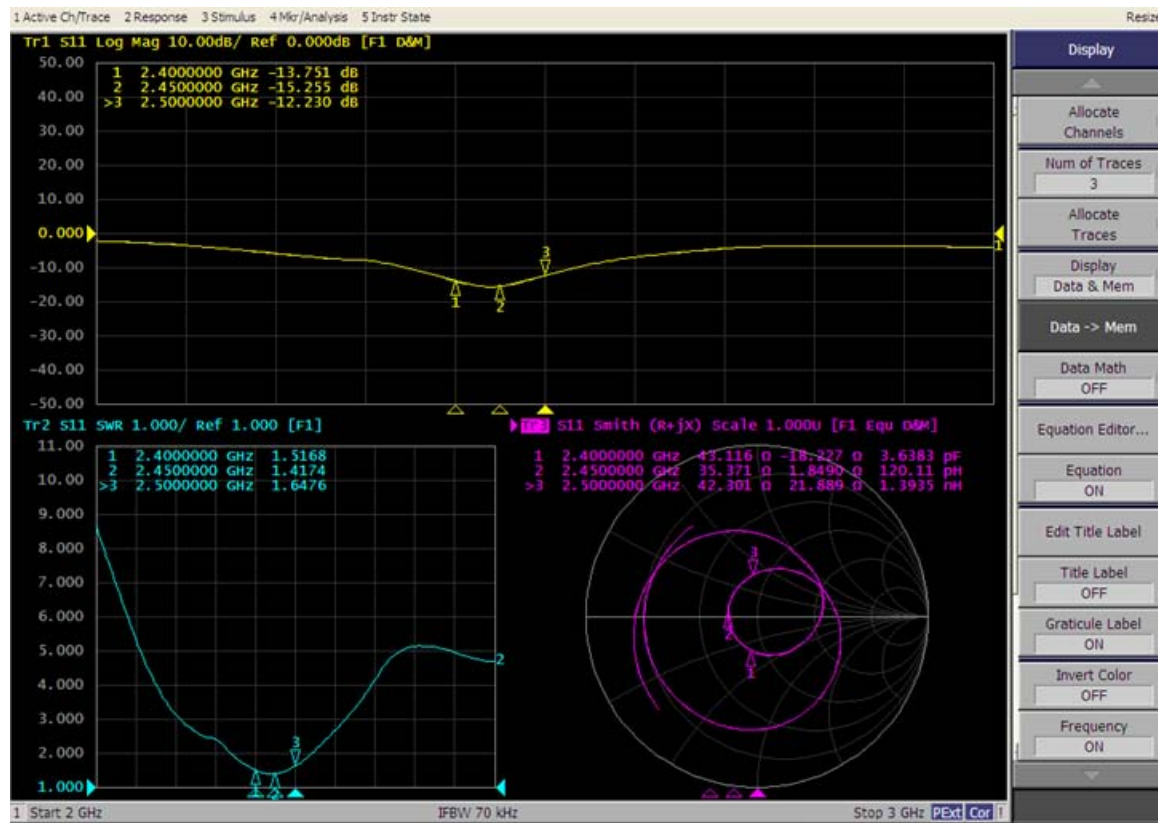
Specification:
Frequency Range : 2.4G~2.5GHz
Return loss: -10dB or less
VSWR: 1.92:1max
Gain: 2dBi

NO	DESCRIPTION	QTY	REMARK
3	IPEX	1	brass
2	槽管	1	Brass/nickel plating
1	线材	1	RF1.13 Cable/Black

Customer: XXXX
PART NO :
PARTNAME :
P/N0 :
REV UNIT SCALE SIZE SHEET
A mm 1:1 A4 10F1

3.

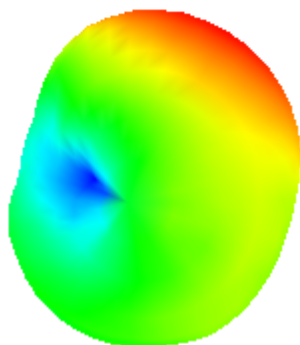
3.1:



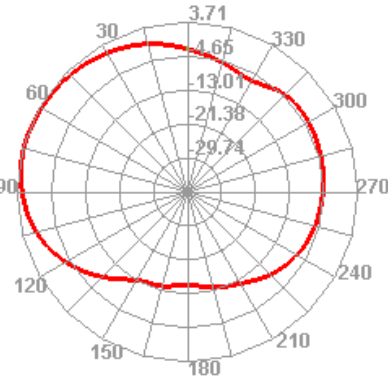
3.2: 2D、3DRadiation Pattern

Effective Max Gain = Max Gain * Efficiency

2400.000MHz

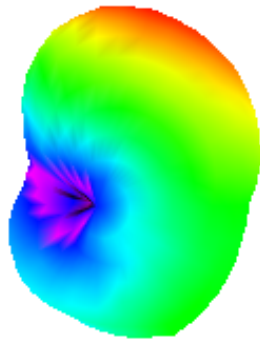


2400.000MHz H

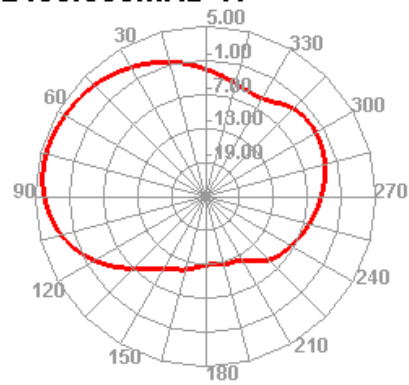


2.4GHz Max Gain: 4dBi Effective Max Gain: 2.12dBi Efficiency:53.12%

2450.000MHz

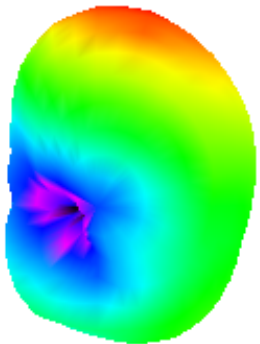


2450.000MHz H

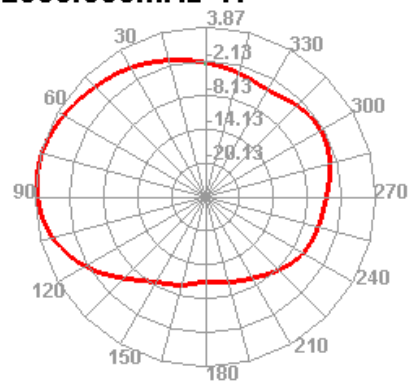


2.45GHz Max Gain: 4.16dBi Effective Max Gain: 2.31dBi Efficiency: 55.47%

2500.000MHz



2500.000MHz H



2.5GHz Max Gain: 4.16dBi Effective Gain: 2.25dBi Efficiency: 54.15%