

specification

Buyer Company Name: Shenzhen Tongjin Video Technology Co., Ltd.

Buyer Company Part Number:

Supplier Company Name: Shenzhen Jizhichen Technology Co., Ltd.

Supplier Product Part Number: JZC-XPG-BAL3-AJG13

Supplier Product Description: External antenna

Note:

Buyer's Signature:

Buyer's Seal:

Supplier's Signature:

Supplier's Seal:

make

Fu jianjun

Date:

2026.8.19

address

No. 12, 2nd Industrial Zone, Xili, Nanqiao, Nan'an District,
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Fu jianjun	Yang kui	Ye xue

一、product picture



二、product feature

1. The internal structure of the antenna is made of carbon steel and copper.
2. The plastic material used is anti-aging ABS, ensuring a long service life.
3. The SMA connector has a long service life under 48 hours of salt spray and is not prone to oxidation.
4. It has a wide frequency band, low standing wave ratio, and good matching.
5. The appearance is elegant, delicate, and compact, with easy installation and stable signal.

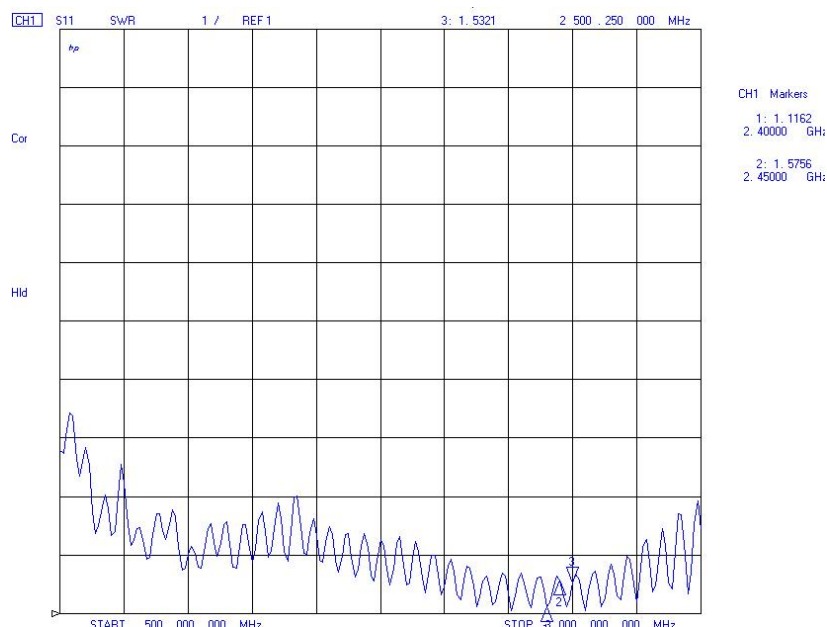
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三、product parameter

主要技术指标		Main technical specifications	
工作频率 (MHz)	2400~2500MHz	Frequency(MHz)	2400~2500MHz
增益 (dBi)	2.95	Gain(dBi)	2.95
输出电压 驻波比	2.0Max	VSWR	2.0 Max
极化	线极化	Polarization	Line
阻抗	50 ohm	Impedence	50 ohm
辐射方向	全向	Radiation	Omnidirectional
射频线材	RG174 线, 黑色	RF Cable	RG174 Line, black
电缆长度 (mm)	3000±30	Line L Length	3000±30
工作温度 (℃)	-30℃~+75℃	Working Temp(℃)	-30℃~+75℃
湿度	Humidity25%~95%RH	Humidity	Humidity25%~95%RH

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四、VSWR



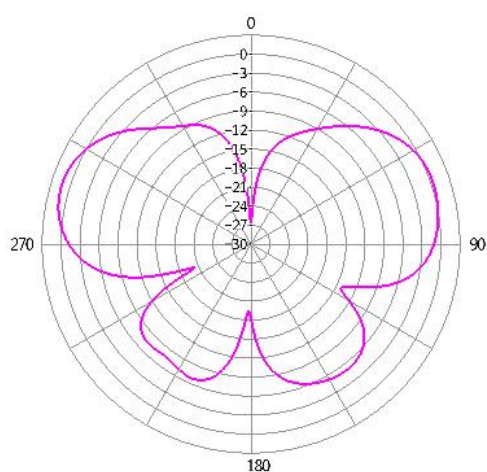
五、Antenna gain and efficiency

frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	1.57	45.82
2410	1.71	47.79
2420	1.77	49.16
2430	1.73	50.92
2440	1.97	53.7
2450	2.34	56.18
2460	2.42	56.25
2470	2.4	55.81
2480	2.6	57.52
2490	2.78	58.37
2500	2.95	57.54

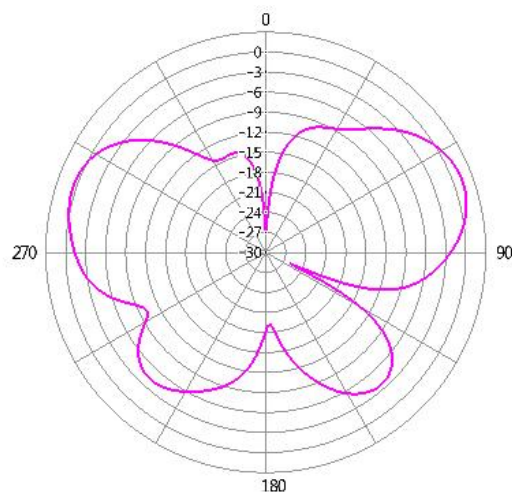
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六、Radiation field shape diagram

Phi=0

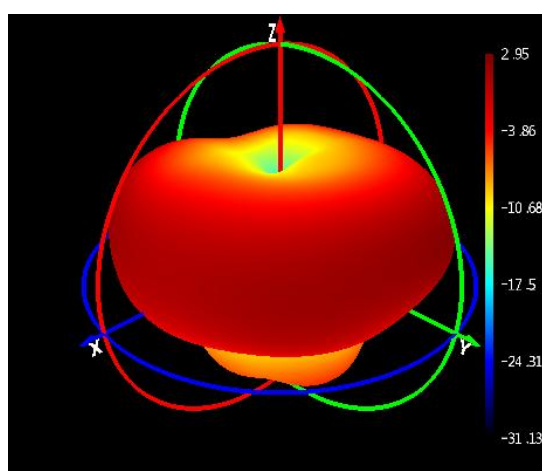
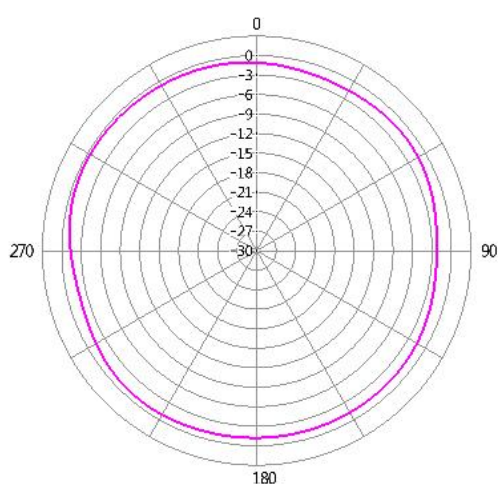


Phi=90



Fre.: 2500MHz

Theta=90



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七、engineering drawing

