

Shenzhen Yixiantong Cable Co., Ltd

address: Building 21, Wanfeng 98 Industrial City, Shajing
Street, Bao'an District, Shenzhen

天线规格承认书

Antenna Specification for Approval

客户名称

CustomerName: MO YOUNG LIMITED_____

产品名称:

ProductName: _____*2.4G antenna*_____

客户型号:

ProductName: _____

产品料号:

Part NO.: _____*M08- 38- 3.1*_____

制 表 :

WriteBy: zhuangjiebin

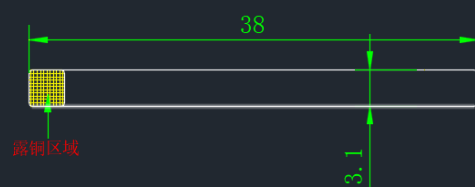
日 期:

IssuedDate: _____*2025-10-08*_____

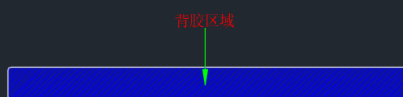
<i>R& D Dept</i>	<i>Business Dept</i>	<i>Approved By</i>

<i>R& D Dept</i>	<i>Engineer Dept</i>	<i>Approval</i>
zhuangcaihong	zhuangjiebin	zhuangjiebin

正面



背面



Product Specification

A. Electrical Characteristics

Frequency 2400MHz

~2500MHz VSWR<1.5

Efficiency >17%

Impedance 50

Ohm Polarization

Line Gain

0dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P

Connector Type : NO

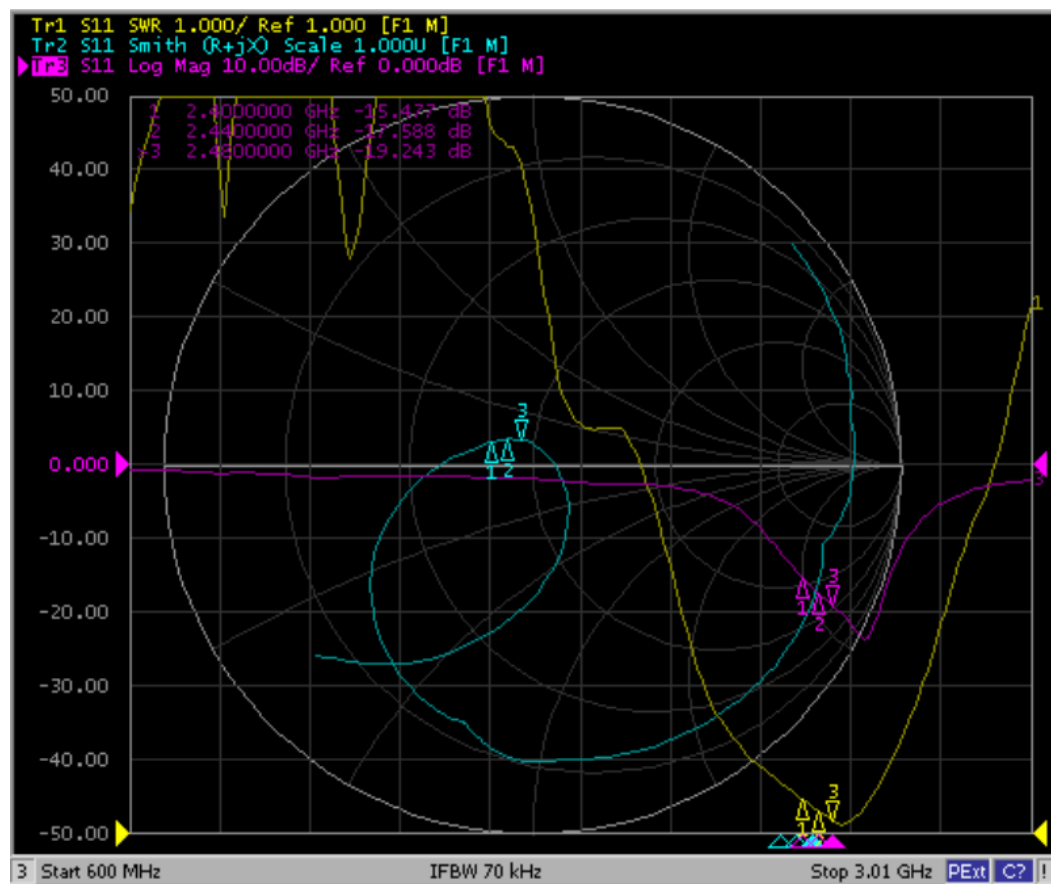
Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80

°C Storage Temperature - 30 °C ~ +

85 °C



Test Equipment & Conditions

1. NetworkAnalyzers:

Agilent 8753D 5071C

2. Communications TestSet:

Agilent E5525C

3. 3D Chamber TestSystem

Efficiency & Gain

Passive Test For WIFI2.4			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2400	25.57	-5.92	0.19
2410	23.89	-6.22	0.1
2420	23.23	-6.34	0
2430	21.26	-6.73	-0.92
2440	20.62	-6.86	-1.05
2450	19.26	-7.15	-1.36
2460	17.86	-7.48	-1.7
2470	18.86	-7.25	-1.51
2480	18.75	-7.27	-1.42
2490	17.61	-7.54	-1.52
2500	18.48	-7.33	-1.23

Radiation Pattern:

2420MHz

Unit: dBi

