
SPECIFICATION FOR APPROVAL

Customer Name: _____

Customer P/N: 30110-01407

Jing Feng P/N: JF91044-1 (K11)

Specification Description: 2.4G WIFI Antenna

Date: 2023-7-9

Factory Confirmation:

Department	CHECKED BY	APPROVED BY
RF Department	Tan Mu Chen	Wang Shuo
Structure Department	Zhao Peng tao	Wang Shuo
Quality Department	Liu Xiao Jun	Wang Shuo

Customer Confirmation:

INSPECTION	CHECKED	APPROVED

△ Record Of Document Formulation, Modification And Abolishment

[illegible]

Contents

1、Cover Signature Page	1
2、Text Control Record.....	2
3、Contents	3
4、Main Technical Specifications.....	4
5、Product Structure Drawing.....	5
6、Electrical Performance Test Report	6~8

4、Main technical specifications

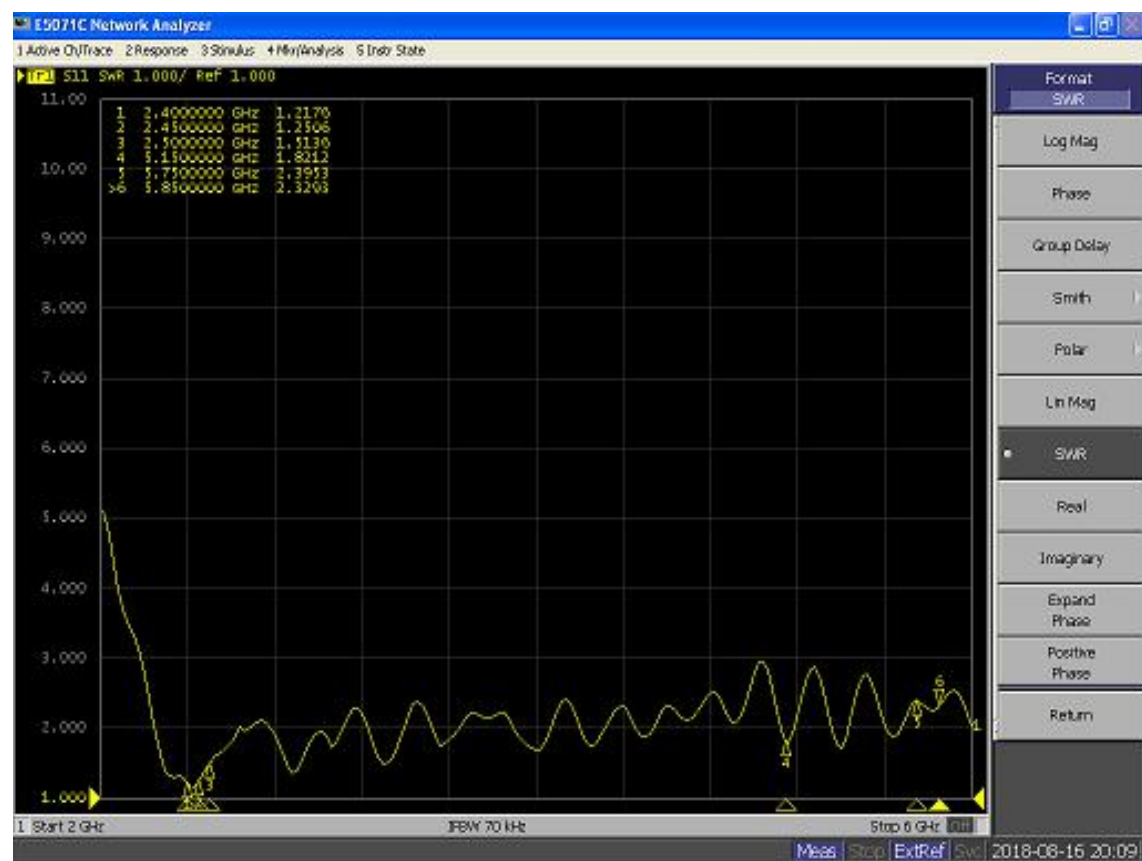
Electrical Parameters	
Frequency Range (MHZ)	2400-2500MHz
Impedance (Ω)	50 Ω
VSWR	≤ 2.0
Peak Gain (dBi)	2.5 ± 0.5 dBi
Efficiency (%)	More than 50%
On-off Test	Passage
Polarization	Linear, Vertical
Radiation	Omni-Directional
Joint Type	Generation IpeX
Mechanical Parameters	
Exposure Length	Gray250 $\pm$ 3mm
Salt Spray Test	24H
Pole Sleeve	PC+ABS
Environmental Parameters	
Operating Temp	-30 $^{\circ}$ C--75 $^{\circ}$ C
Storage Temp	-30 $^{\circ}$ C--75 $^{\circ}$ C

5、Product drawing



6、Electrical Performance Test report

2. 4G-VSWR/Return Loss



Frequency 【MHz】	2400	2450	2500
VSWR	1.2	1.2	1.5

Efficiency & gain:

2.4G

Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	65.56	2
2410	65.17	2.16
2420	58.07	2.11
2430	58.48	2.38
2440	60.04	2.51
2450	65.11	2.93
2460	67.71	3.21
2470	66.97	3.21
2480	68.15	3.62
2490	68.92	3.74
2500	69.41	3.88

3D Radiation pattern:

