

Manufacturer

Shenzhen Puda micro high-tech Co., LTD

Room 607, Building B, Qianwan Hard Science and Technology Industrial Park, Nanchang Community, Xixiang Street, Baoan District, Shenzhen

Part type Part number: Antenna ID 922284

Part Description: SLK-JC-T21404

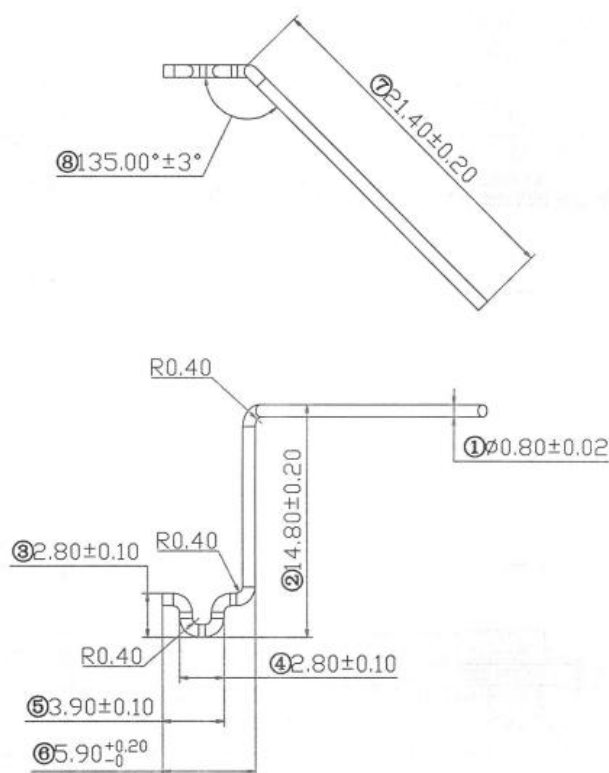
WIFI Antenna (4006A)

1. Explanation of Product number :

S L K - J C - T 2 1 4 0 4

1

2



Product Code:

(1) Customer:

JC:

(2) Project:

T21404: SLK-T21404 (WIFI antenna 2.4~2.5GHz)

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n)

* Hand-held devices when WIFI (802.11 b/g/n) functions are needed

4. Description

Holy bond’s FPC antenna series are specially designed for WIFI (802.11 b/g/n) applications. Based on Holy bond’s proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

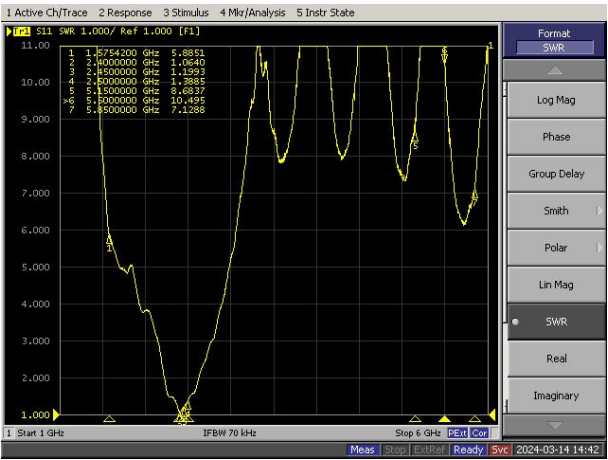
5. Electrical Specifications

5-1

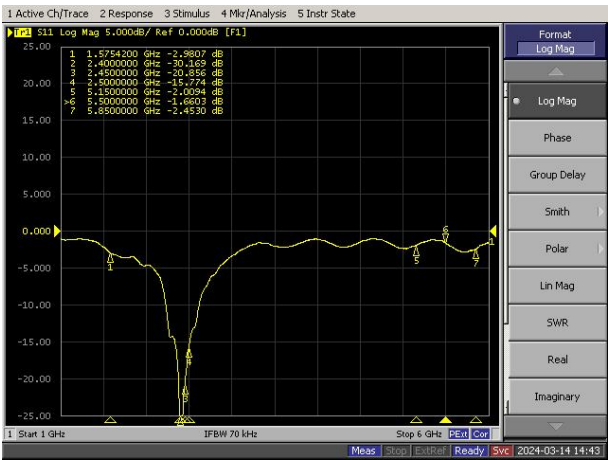
Characteristics	Specifications	Unit
Outline Dimensions	21.4x 0.4	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2

VSWR



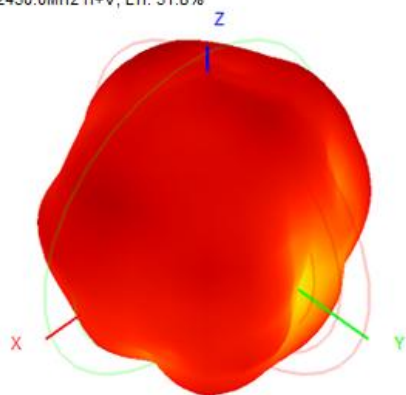
S11



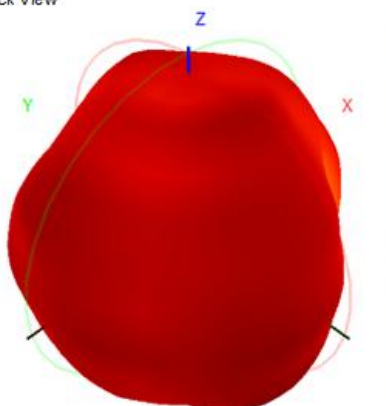
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency(MHz)	Efficiency(dBi)	Gain(dBi)	Efficiency(%)
2400	-2.95	1.38	50.74
2410	-2.77	1.32	52.84
2420	-2.78	1.30	52.70
2430	-2.71	1.34	53.61
2440	-2.76	1.40	53.03
2450	-2.86	1.36	51.77
2460	-2.89	1.42	51.45
2470	-2.80	1.45	52.52
2480	-2.74	1.39	53.22
2490	-2.93	1.43	50.95
2500	-2.94	1.35	50.79

2450.0MHz H+V, Eff: 51.8%



Back View



6. Antenna Dimensions (unit: mm)

