

Shenzhen Puda Micro High-tech Co., LTD

SPECIFICATION FOR APPROVAL

Model: WIFI: SLK-PDW-B-1501-B

Supplier Name: Shenzhen Puda Micro High-tech Co., LTD
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Antenna

1. Explanation of Product number :

S L K - P D W - B - 1 5 0 I - B

1 2 3 4



Product Code:

(1) Customer:

JC:

(2) Antenna Name:

B: Brass(4.4*23*1.1)

(3) Cable:

150I: 150MM一代I-PEX

(4) Cable Color:

B: Black

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

5. Electrical Specifications

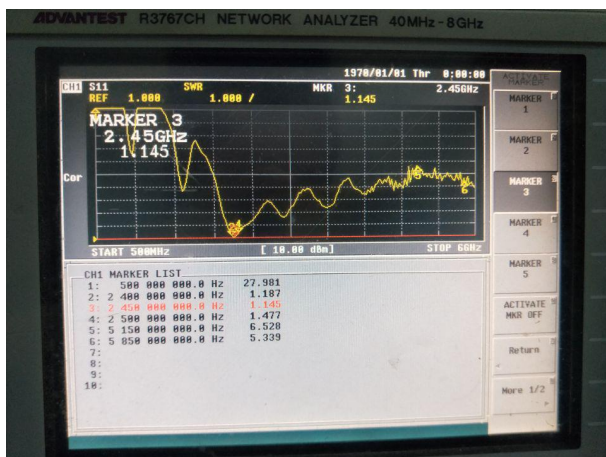
5-1

Characteristics	Specifications	Unit
Outline Dimensions	4.4 x 23 x 1.1	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	2max	
Impedance	50	Ω

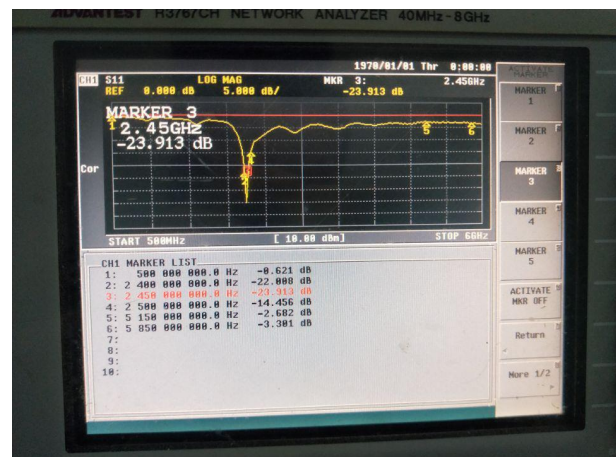
* Center frequency will be offset to working frequency according to the conditions of user's ground plane and radome.

5-2

VSWR



S11

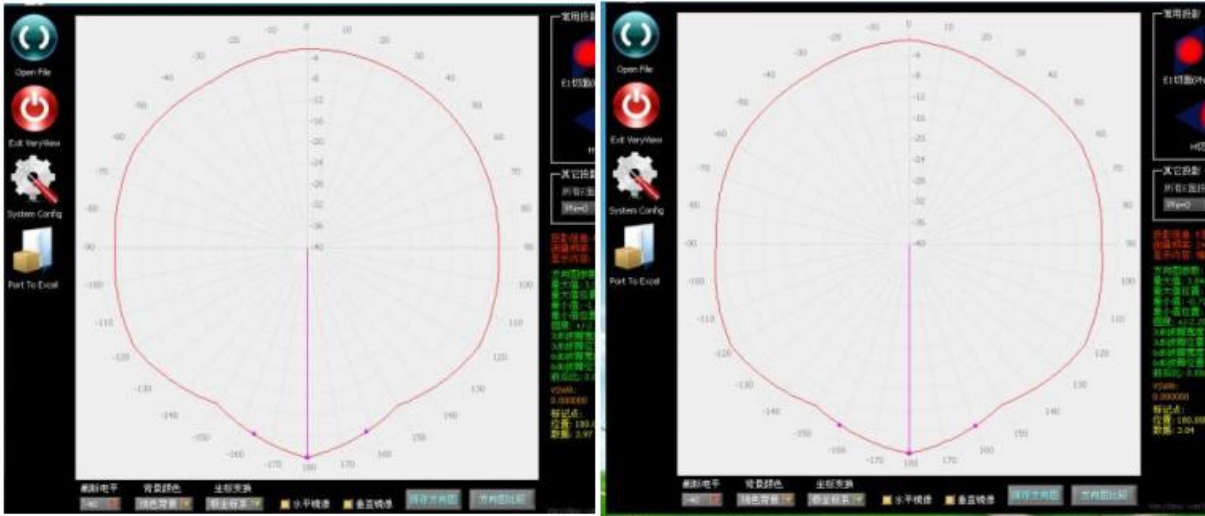


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

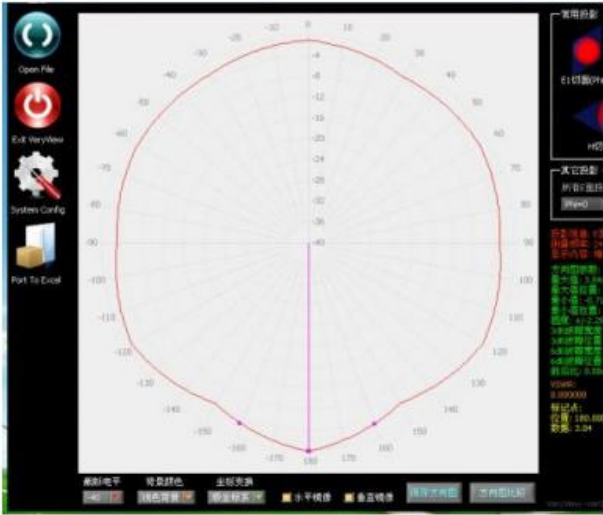
Frequency(MHz)	Efficiency (%)	Gain(dBi)
2400	54.6%	1.21
2450	56.0%	1.54
2500	53.5%	1.25

2400MHZ Gain: 0.74-1.21dBi

2450MHZ Gain: 0.85-1.54dBi

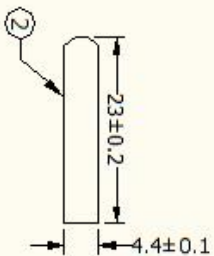
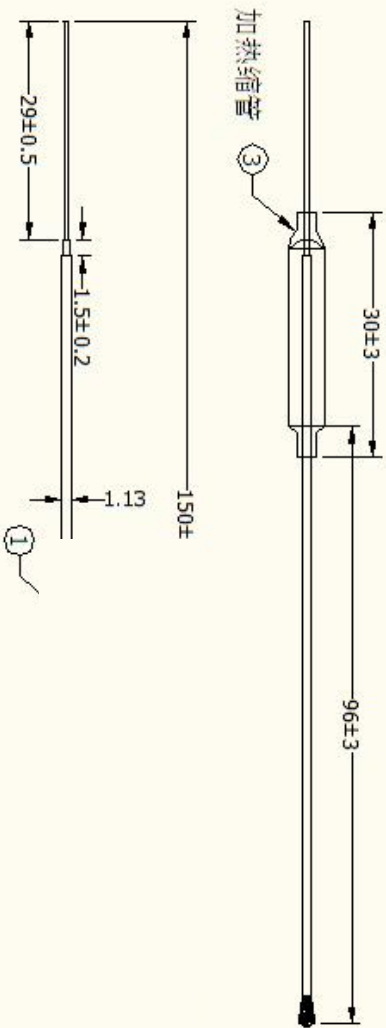


2500MHZ Gain: 0.69-1.25dBi



ROHS

REV.	CONTENT	DATE
A		



1	Cable	O.D:1.13 Cable:Black	1
2	Brass	Color:Silver	1
3	Heat Shrinkable Tube	Color:Black	1
NO	DESCRIPTION	QTY	REMARK

TITLE: 2.4GHz 2dBi Antenna L=150mm		设计	日期	2019-08-10
P/N: SLK-PDW-B-150I-B		审核	日期	
客户代码		图:	日期	
材质		批准	日期	
比例				
FIT				
第三角				
单位				

6. Antenna Dimensions (unit: mm)