

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

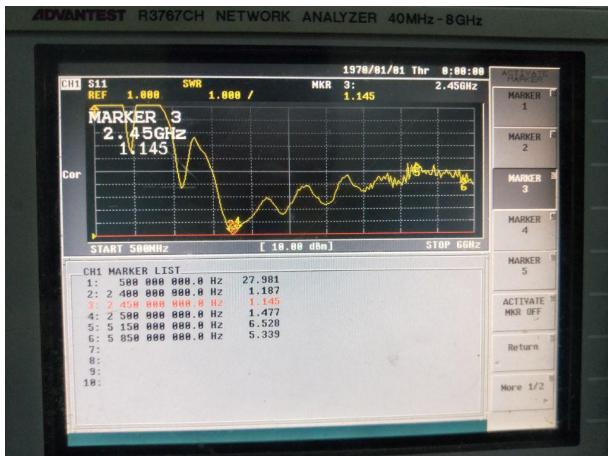
5-1

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



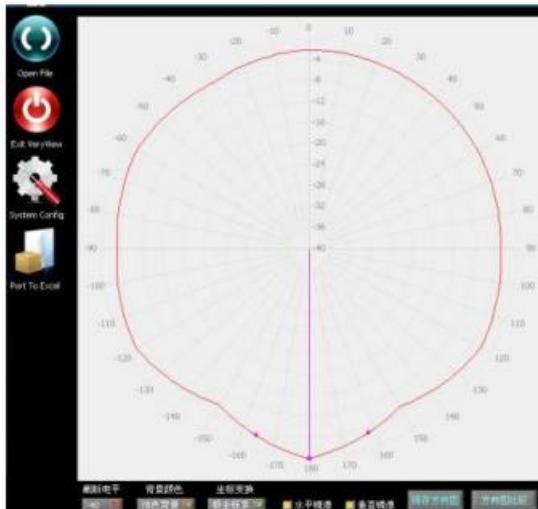
S11



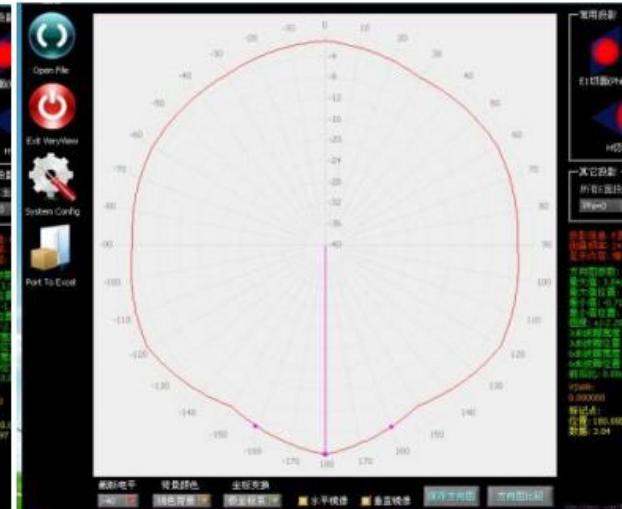
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

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

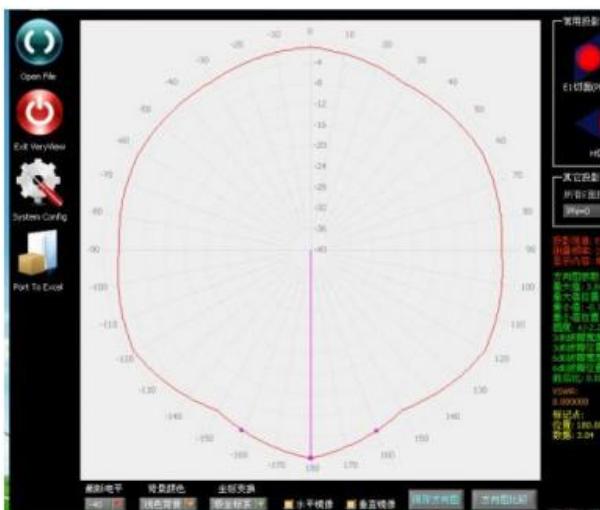
2400MHZ Gain: 0.74-1.21dBi



2450MHZ Gain: 0.85-1.54dBi



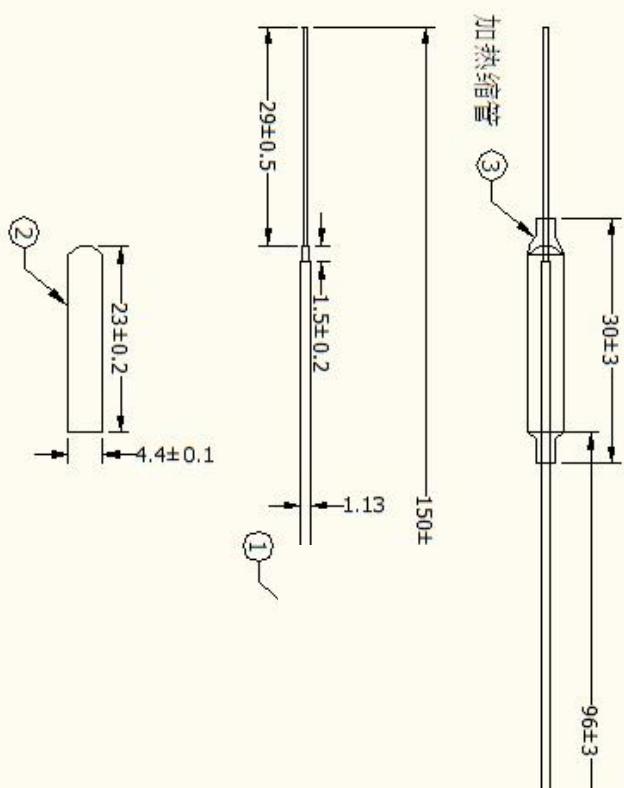
2500MHZ Gain: 0.69-1.25dBi



6. Antenna Dimensions (unit: mm)

ROHS

3	REV.	2	CONTENT	1	DATE
A					



NO	DESCRIPTION	QTY	REMARK	5	4	3	2	1
1	Cable O.D.1.13 Cable:Black	1						
2	Brass Color:Silver	1						
3	Heat shrink tube Color:Black	1						