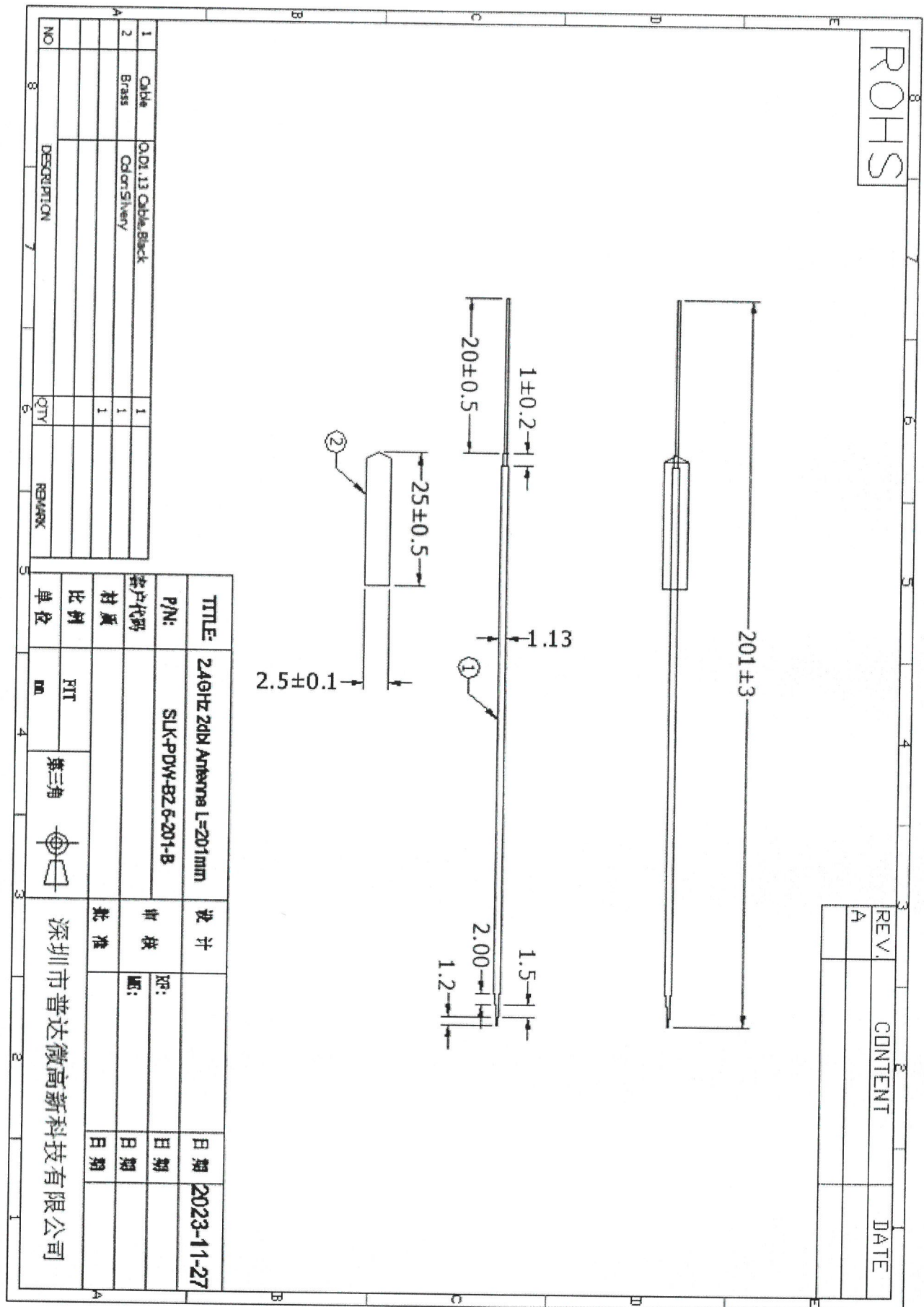


6. Antenna Dimensions (unit: mm)

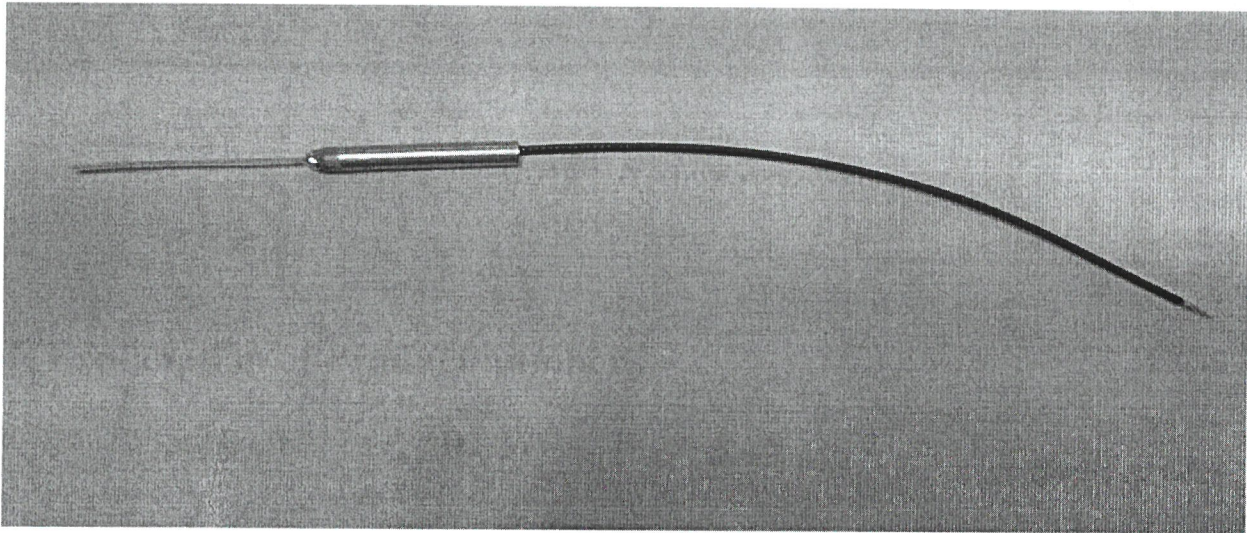


WIFI Antenna

1. Explanation of Product number :

S L K - P D W - B 2 . 5 - 2 0 1 - B

1 2 3



Product Code:

(1) Antenna Name:

B2.5: Brass(2.5*25*1.1)

(2) Cable:

201: 201MM

(3) 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

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

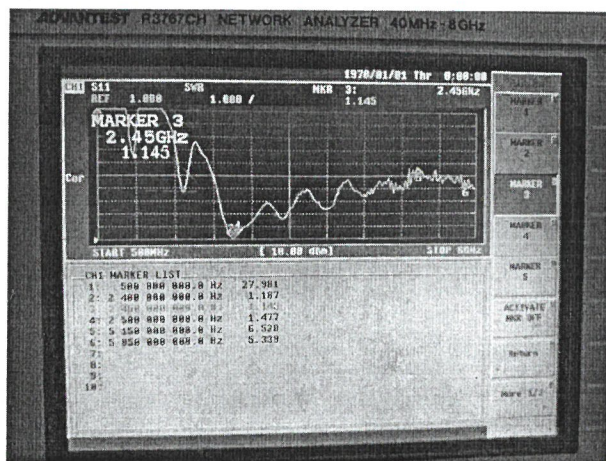
5. Electrical Specifications

5-1

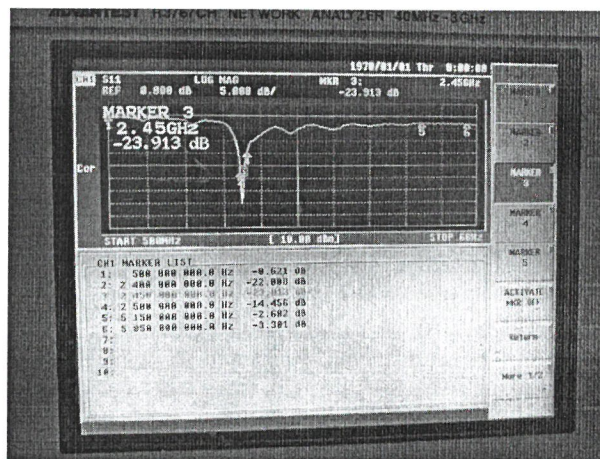
Characteristics	Specifications	Unit
Outline Dimensions	2.5 x 25 x 1.1	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	2max	
Impedance	50	Ω

5-2

VSWR



S11

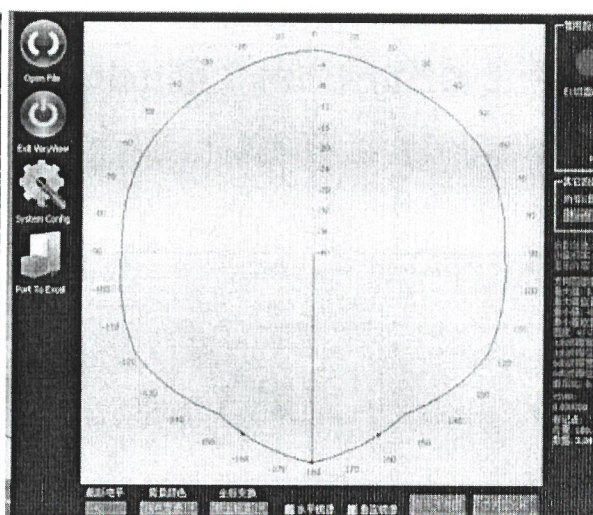
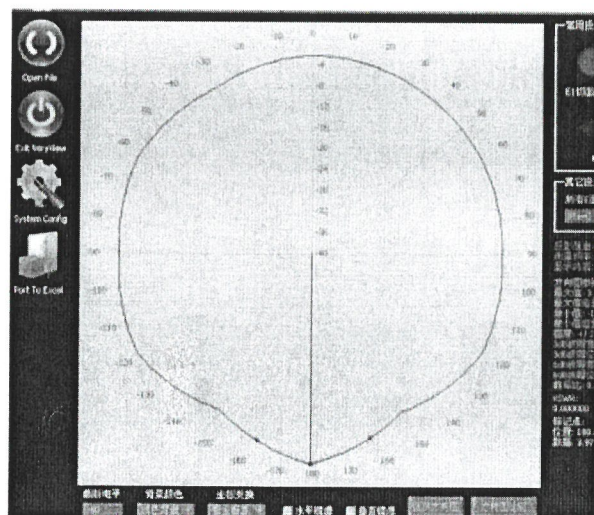


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency(MHz)	Efficiency (%)	Gain(dBi)
2400	54.6%	-2.63
2450	56.0%	-2.52
2500	53.5%	-2.72

2400MHZ Gain: 0.74-1.21dBi

2450MHZ Gain: 0.85-1.54dBi



2500MHZ Gain: 0.69-1.25dBi

