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## 产品规格书

### **PRODUCT SPECIFICATION**

Customer:

Customer's part number:

Product description: 2dbi WIFI Antenna

Uni Link's part number: MS-2400DW-2

Issue Date: 20012-12-30

Note: 2400-2500 MHz, RP SMA male

### **Application and Features**

Applications :

- 1: WLAN , ISM, WIFI
- 2: Public wireless hotspot
- 3: Wireless video system

Features :

- 1: Weight is light
- 2: Installed for vertical or horizontal polarization
- 3: RoHS compliant

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## 1、PRODUCT TECHNICAL SPECIFICATION

Electrical Specifications	
Frequency Range (MHz)	2400-2500
Bandwidth (MHz)	100
Horizontal Beamwidth-°	360
Vertical Beamwidth-°	30
Input Impedence ( $\Omega$ )	50
V.S.W.R	$\leq 1.5$
Gain (dBi)	2
Max Input Power (w)	5
Mechanical Specifications	
Antenna Dimension-mm (mm)	110
Connect Type	RP SMA male
Rated Wind Velocity	
Work Temperature °C	-40- +80
Pole Diameter-mm	$\Phi$ 40-50
Cable length-mm	
Weight (g)	12

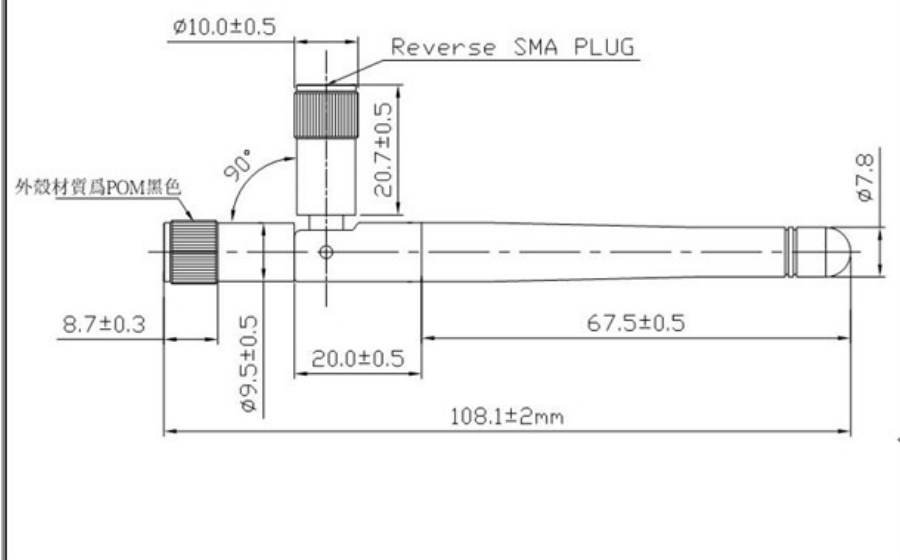
## 2、PRODUCT PICTURE



## 3、PRODUCT SPECIFICATION CHART.

单位：mm

单位：mm 比例：1:1



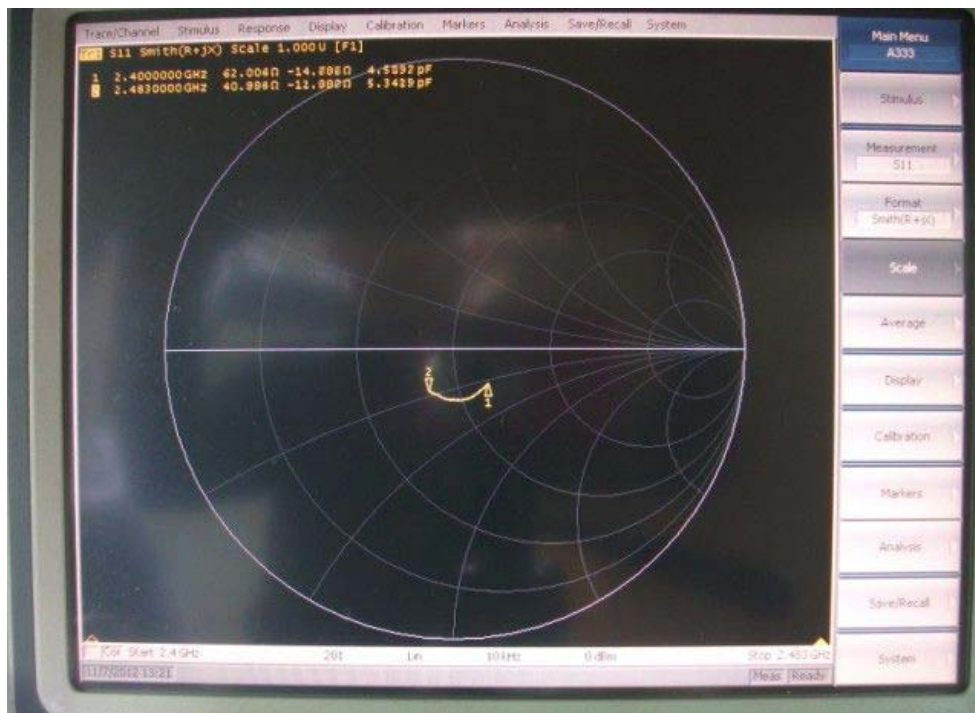
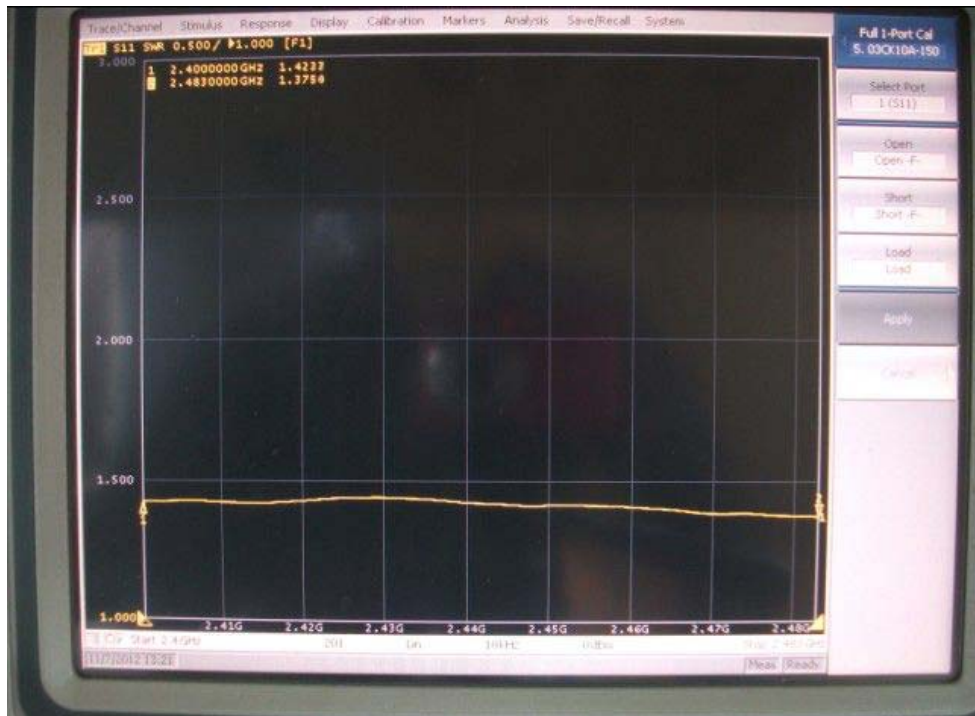
#### 4、MECHANICAL CHARACTERISTICS)

1	BENDING TEST	Put load 120g to 30cm cable from the end of the connector, fixed joints, swaying test at an angle of 60 degrees , test features after 1000 times	after 1000 times test no visible damage
2	STRENG TEST	Put 15pounds static load to the end of the cable continue 1 minute	After test no visible damage
3	VIBRATION TEST	the X-axis direction for 120 minutes, and the Y-axis direction 120 minutes, the Z-axis direction 240 minutes as vibration testing of 1.1mm amplitude and 33.30Hz/sec of frequency	After test no visible damage

#### 5、DURABILITY

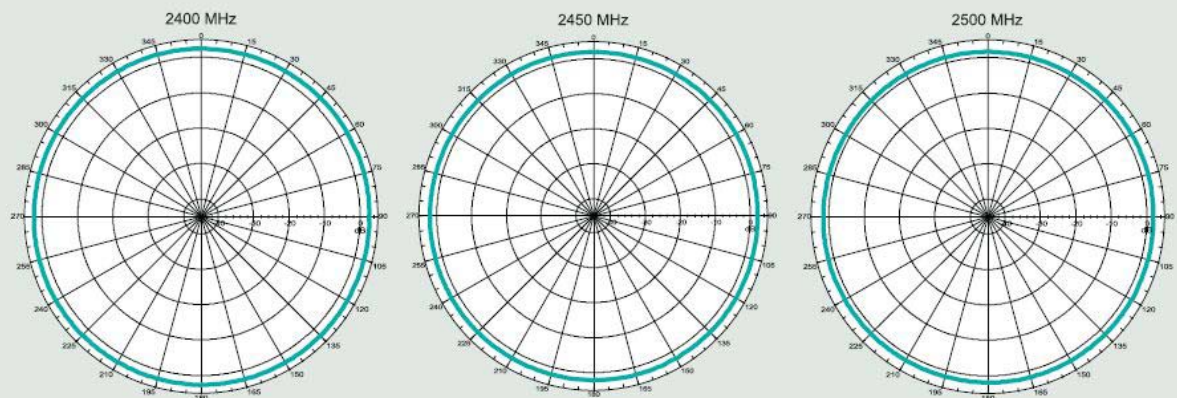
1	HEAT TEST	85+2 °C for 96 hours, after keep in normal condition for 30min the to test.	All characteristic range is 30% of the initial value
2	HUMIDITY TEST	40+2 °C 90-95%RH for 96hours, after keep in normal condition for 30min the to test.	
3	COLD TEST	-40+2 °C for 96hours, after keep in normal condition for 30min the to test.	

## 6、VSWR



## 7、 RADIATION PATTERN

### Horizontal Position



### Vertical Position

