

# BL001 Antenna

Antenna is an inverted-F bipolar antenna

Antenna Type: PCB Antenna

Trademark: XINGLIHUA

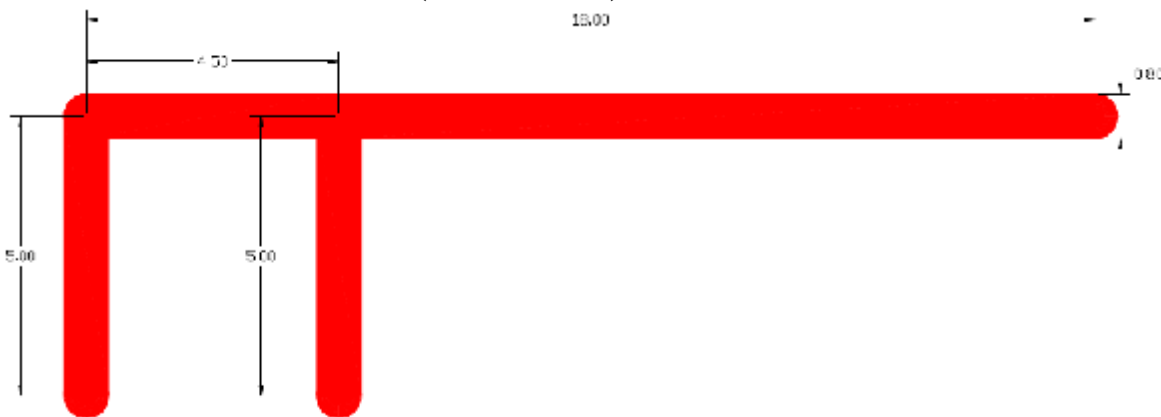
Manufacturer: XINGLIHUA

Part No.: ANT-KM-0818-1

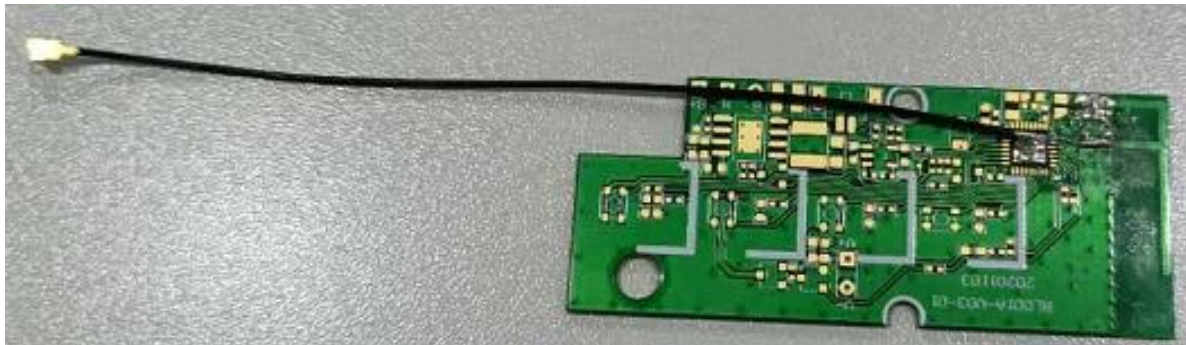
Operating Frequency Band (RF): 2402MHz~2480MHz

## 1. Project Information

### 1.1 The structure and size:(单位: MM)



### 1.2 Picture of real products

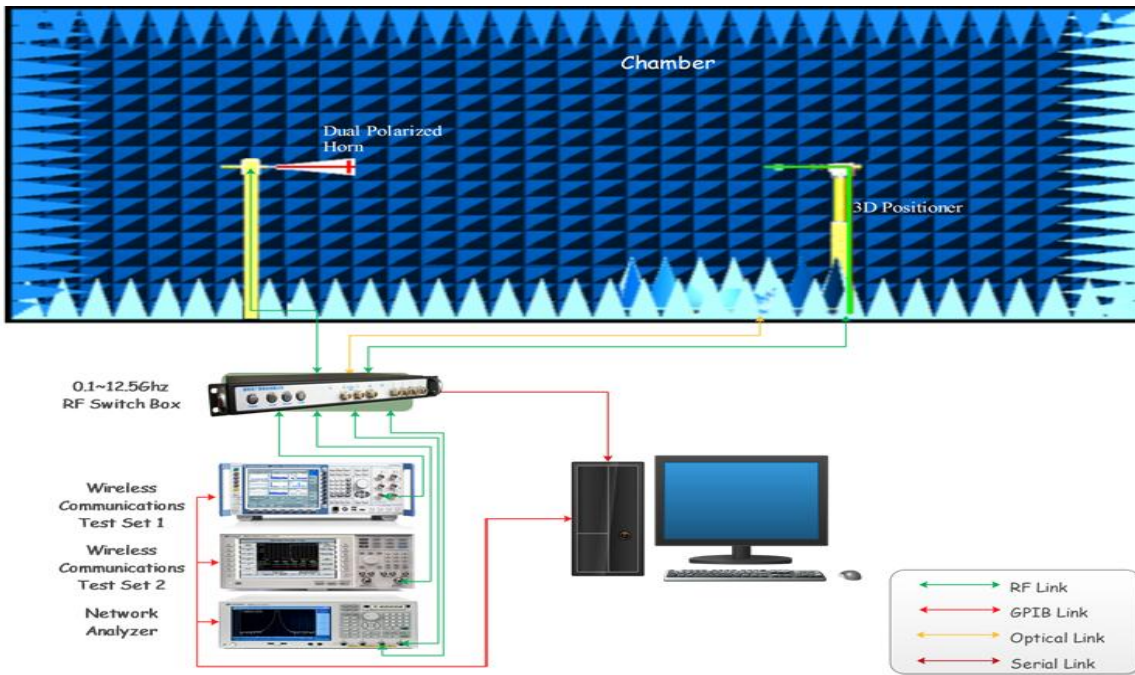


## 2. Electrical Characteristics

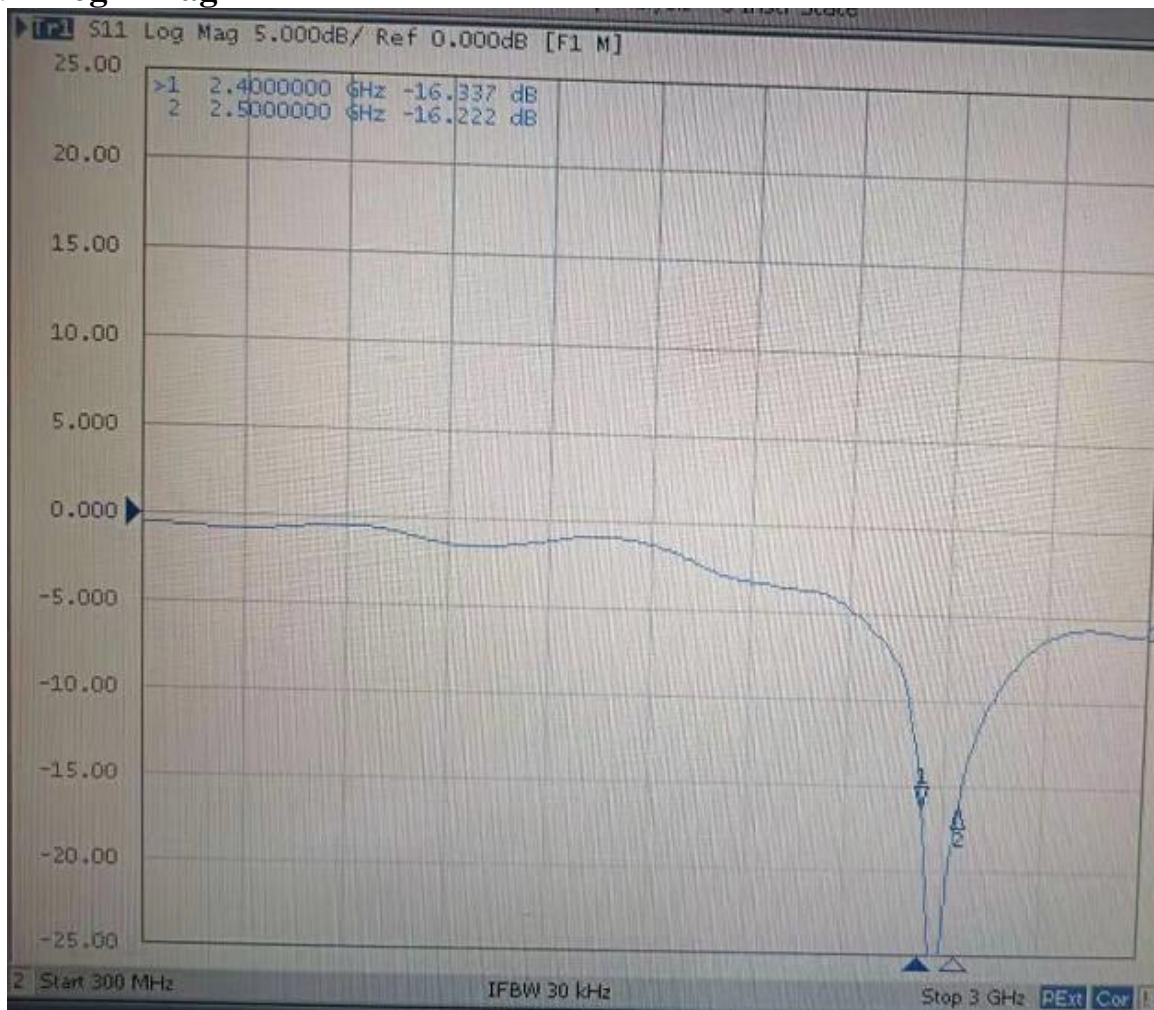
### 2.1 Test Environment Conditions

Equipment	Agilent Technologies E5071C ,R&S CMW500, MT8820C
Temperature	25°C
Humidity	65% (RH)

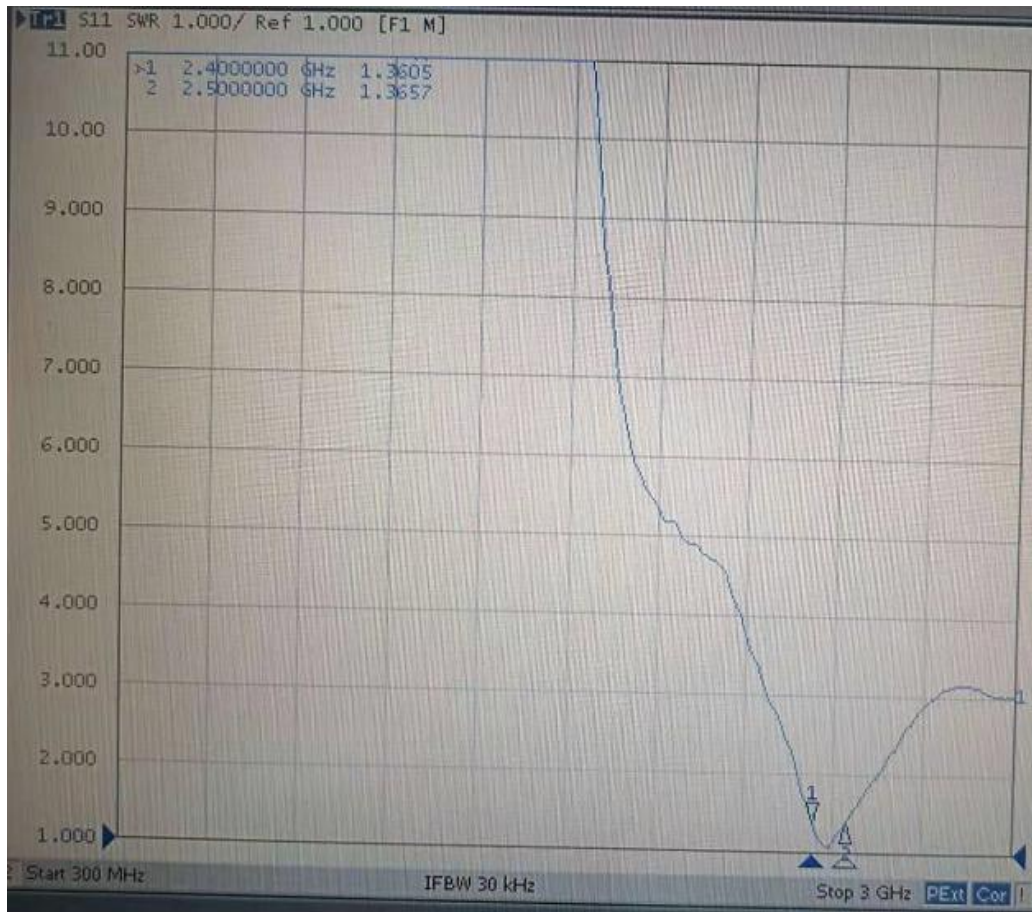
## 2.2 Measurement method



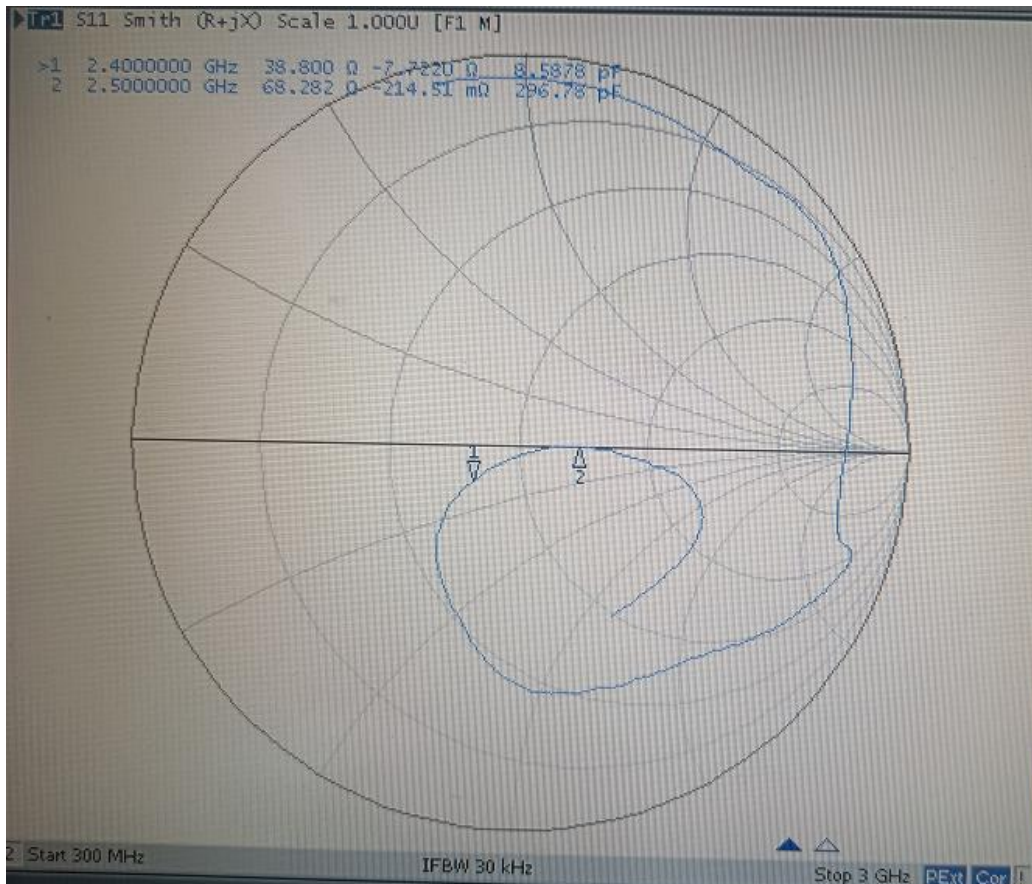
### 2.2.1 Log Mag



## 2.2.2 VSWR

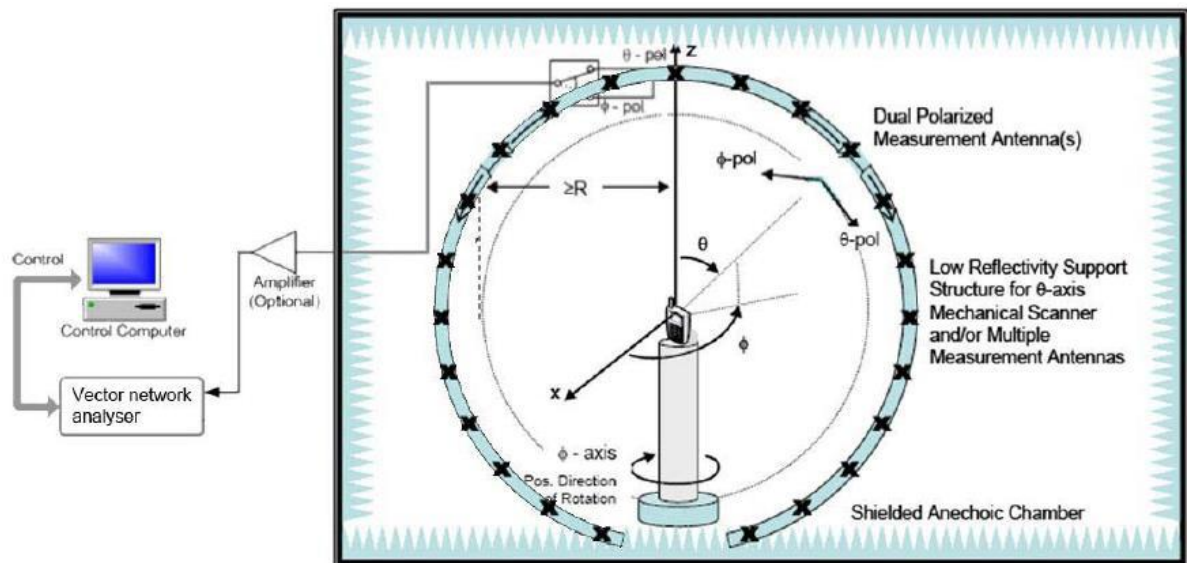


## 2.2.3 IMPEDANCE





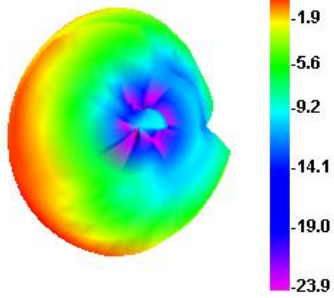
## 2.3 Test system



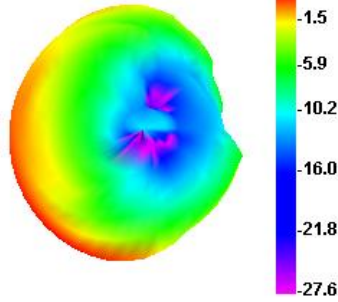
## 2.4 No-source test data

Passive Test For 2.4-2.5G		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	42.87	-3.68
2410	48.64	-3.13
2420	49.00	-3.10
2430	48.88	-3.11
2440	45.87	-3.38
2450	45.34	-3.44
2460	42.14	-3.75
2470	41.19	-3.85
2480	40.92	-3.88
2490	39.24	-4.06
2500	39.10	-4.08

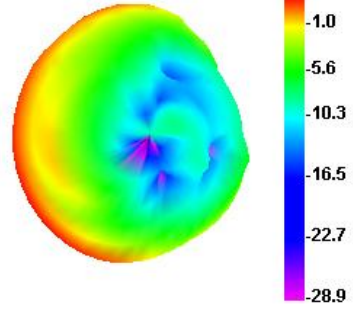
2400.000MHz



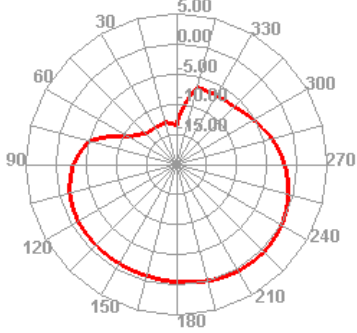
2450.000MHz



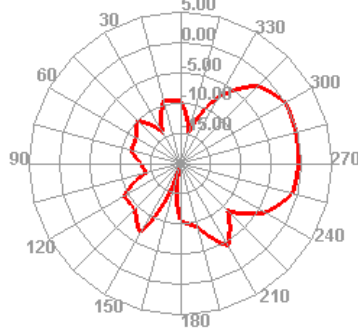
2500.000MHz



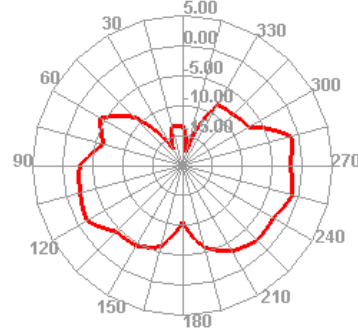
2400.000MHz H



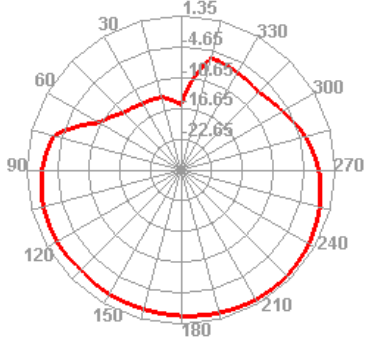
2400.000MHz E1



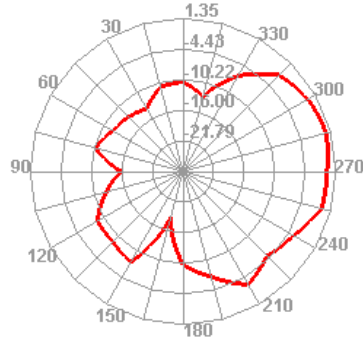
2400.000MHz E2



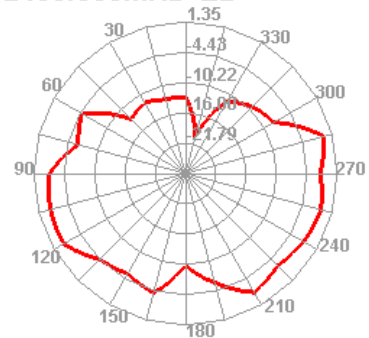
2450.000MHz H



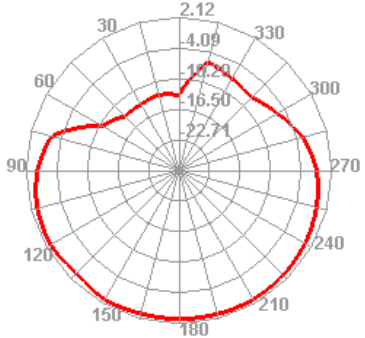
2450.000MHz E1



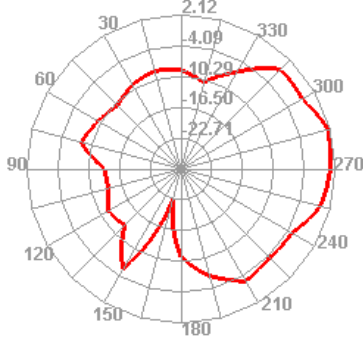
2450.000MHz E2



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

