

Antenna Coding: XBY200674

Antenna Type: External Antenna

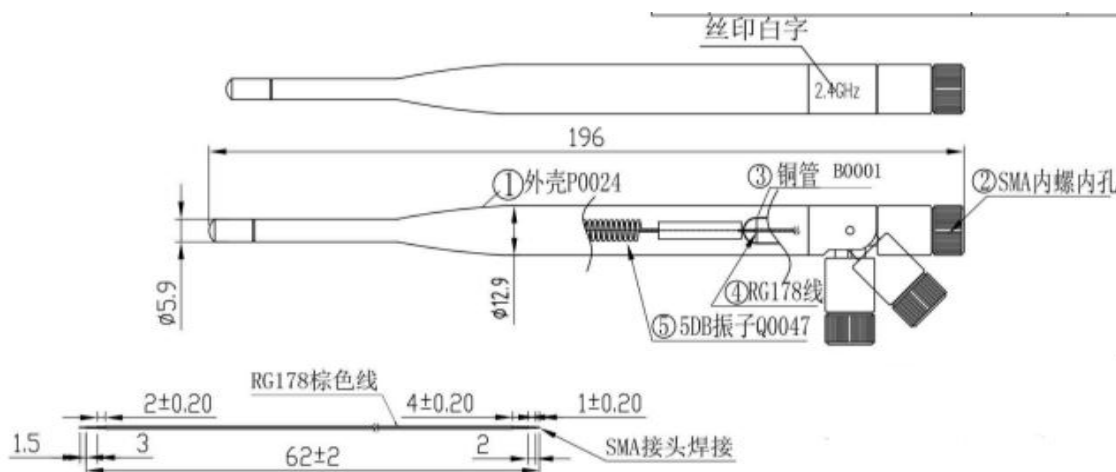
Model: G2

Antenna Manufacturer: Shenzhen Xiangboyi Technology Co., Ltd.

### 1、Technical Specification

Electrical Specifications	
Frequency Range (MHz)	2402-2480
Input Impedance ( $\Omega$ )	50
Return Loss (dB)	<-12
VSWR	<1.4
Peak Gain (dBi)	3.79
Polarization Type	Linear polarization
Mechanical Specifications	
Antenna Size (mm)	Length: 19.6mm
Radiator	Cuprum

### 2、The shape and size of the antenna



### 3、The result of the test

#### 3.1 Test Environment



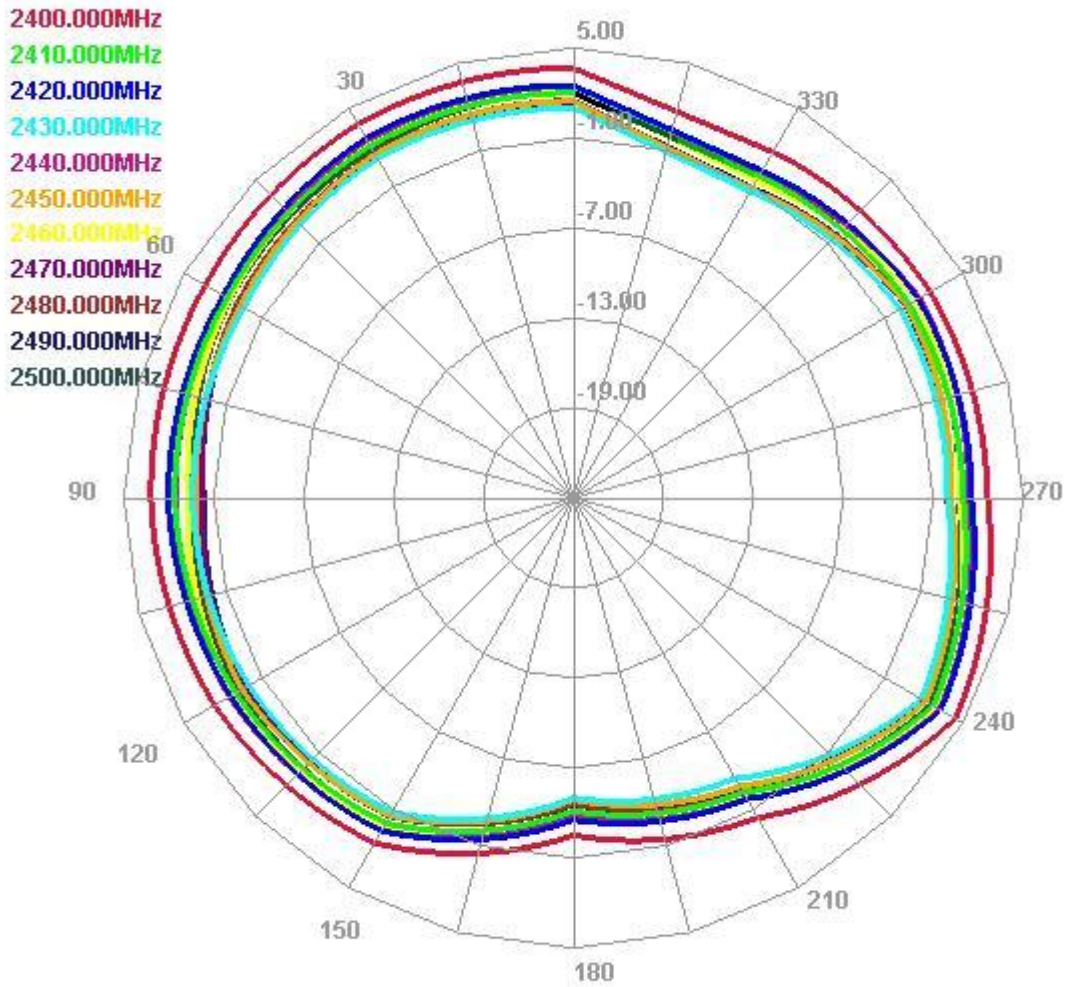
### 3.2 Gain and Efficiency

天线效率, 增益		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	48.73	3.43
2410	46.43	2.72
2420	52.14	3.79
2430	40.75	1.81
2440	50.48	3.73
2450	39.47	2.16
2460	46.41	2.87
2470	38.48	1.98
2480	39.54	1.93
2490	38.99	1.87
2500	44.89	2.53

### 3.3 2D Radiation Pattern

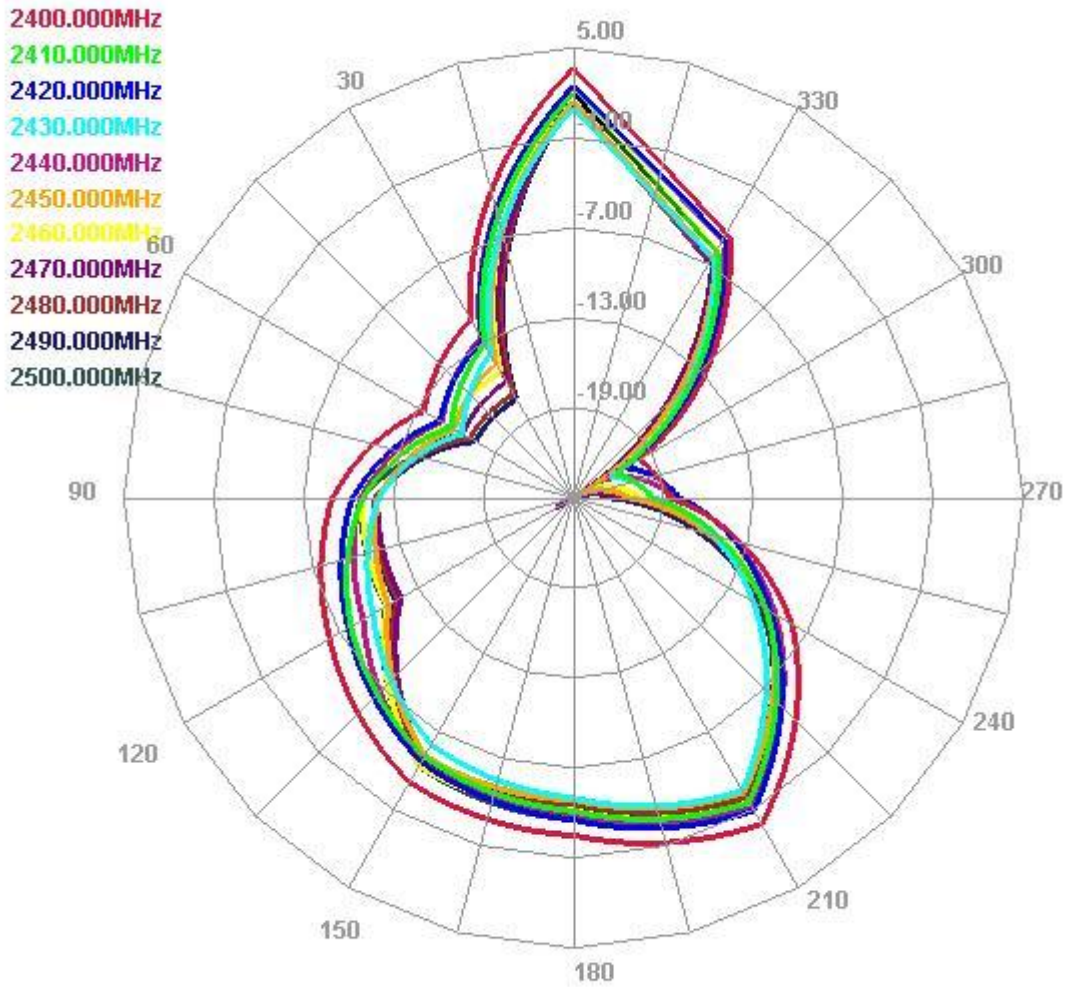
(1) E1, XZ Plane, phi=0

### E1 Face



(2) E2, YZ Plane, phi=90°

## E2 Face



(3) H, XY plane, theta=90°



## Horizontal

