

Antenna Describe

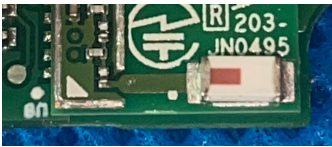
1: Antenna Describe

No	Parameter	Specification
1	Antenna	chip antenna
2	Return Loss	<-10dB
3	Antenna Gain	0.5dBi
4	Frequency Range	2.4GHz-2.5GHz
5	Connector Type	Direct
6	Antenna manufacturer	ShenzhenJiexuntongWirelessTechnologyCo.,Ltd.
7	Azimuth	Omni-directional
8	Impedance	50 Ω
9	Operating Temperature	-40~105℃

2: External View Drawing

Picture of antenna

Type of Antenna: chip antenna

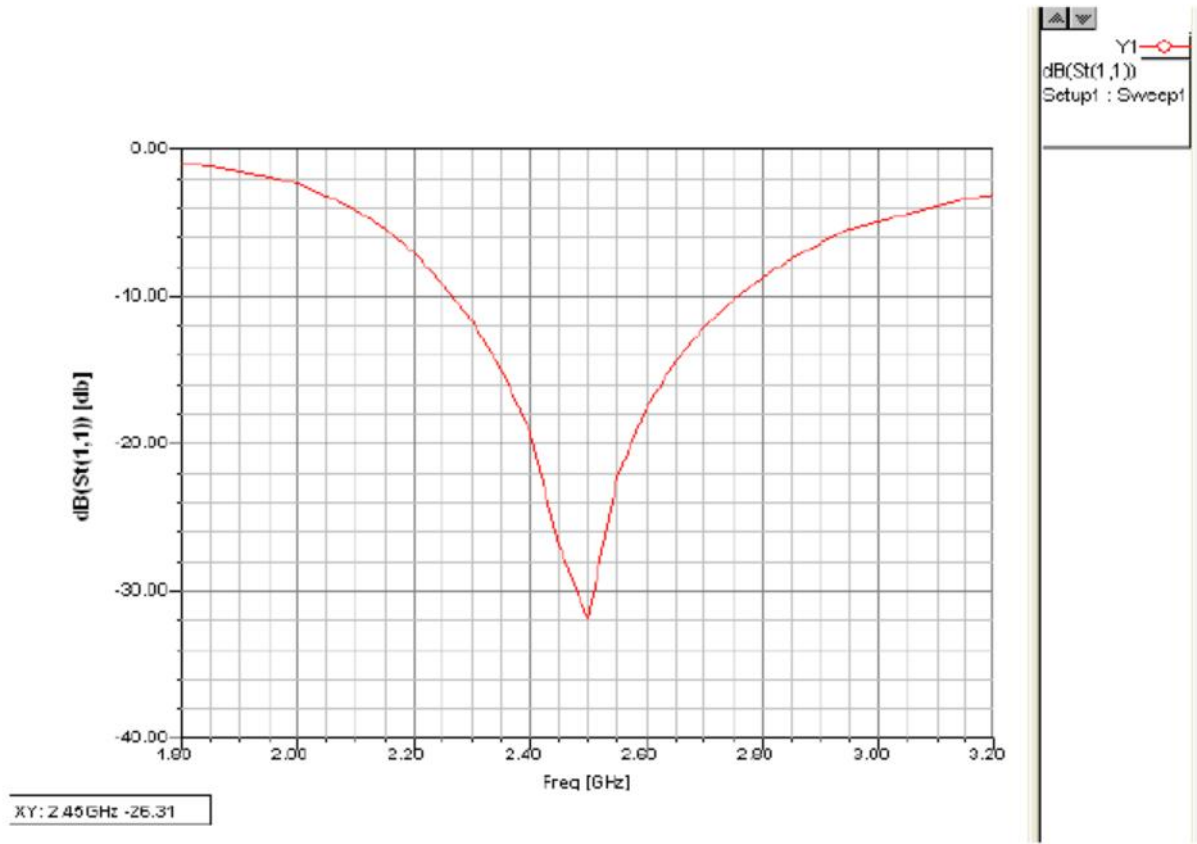


3: Measurement Result

3.1Typical free space gain

Frequency/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain/dBi	0.47	0.49	0.50	0.49	0.49	0.48	0.50	0.50	0.49	0.50	0.50

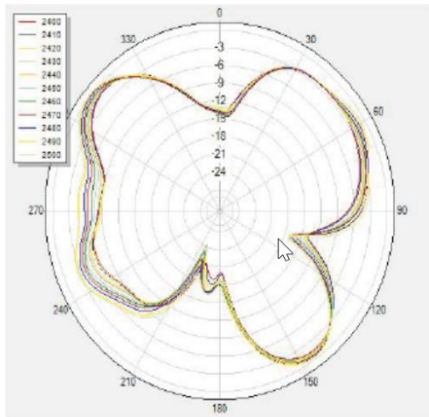
3.2 Return Loss (S11)



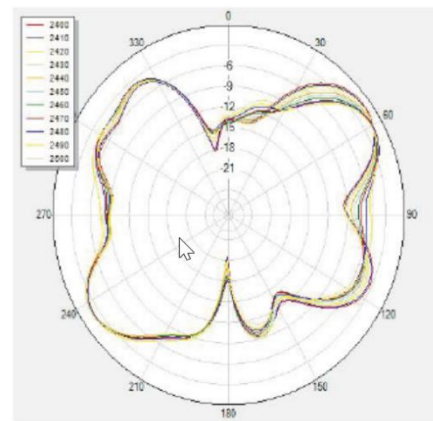
3.3 Typical free space radiation pattern

(5) X-Z Plane:

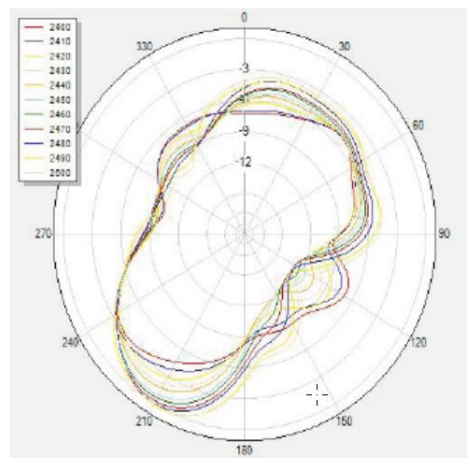
V Phi=0



V Phi=90



H Theta=90



3.4 Typical Free Space 3D Radiation Pattern

