

## 1. Antenna describe:

Antenna gain	-6.93 dBi
Bluetooth solution	2517A
Frequency range	2400-2500MHz
Connector type	direct
Model Name	2.4G ANT
Impedance	50 Ohm
Antenna type	Metal ANT
Antenna size:	60.20mmX1.60mm
Manufacture	SHENZHEN ALANTE TECHNOLOGY CO LTD

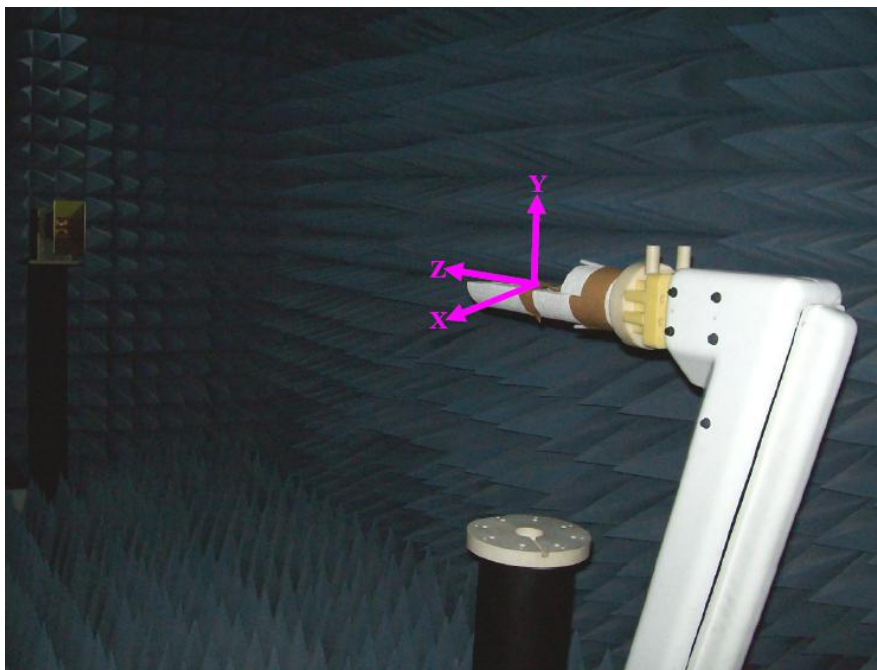
## Antenna size:



- 1、 Frequency Band  
Tx:2400MHz~2480 MHz  
Rx:2400 MHz ~2480 MHz
- 2、 Antenna Parameters summary(2440MHz)

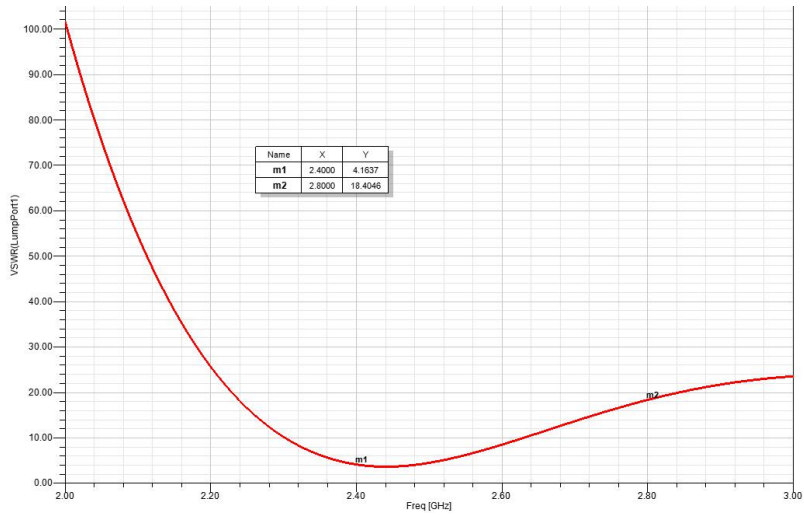
Quantity	Value	Units
Max U	0.011026	W/sr
Peak Directivity	1.3592	
Peak Gain	-6.93	
Peak Realized Gain	0.13856	
Radiated Power	0.10194	W
Accepted Power	0.67157	W
Incident Power	1	W
Radiation Efficiency	0.1518	
Front to Back Ratio	1.2237	
Decay Factor	0	

### 3、Plane definition



<b>XY-plane</b>	<b>Theta=90°</b>
<b>XZ-plane</b>	<b>Phi=0°</b>
<b>YZ-plane</b>	<b>Phi=90°</b>

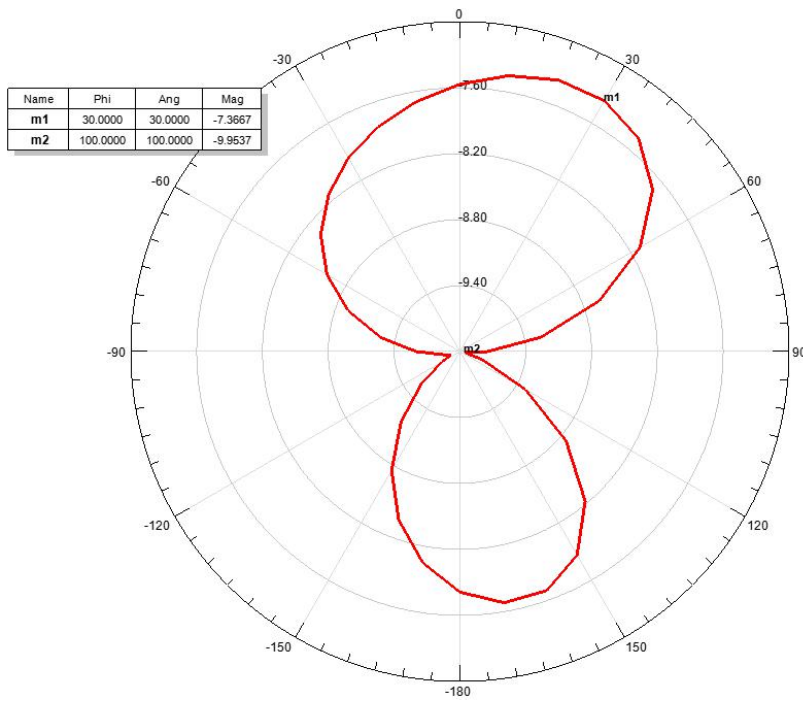
### 4、VSWR



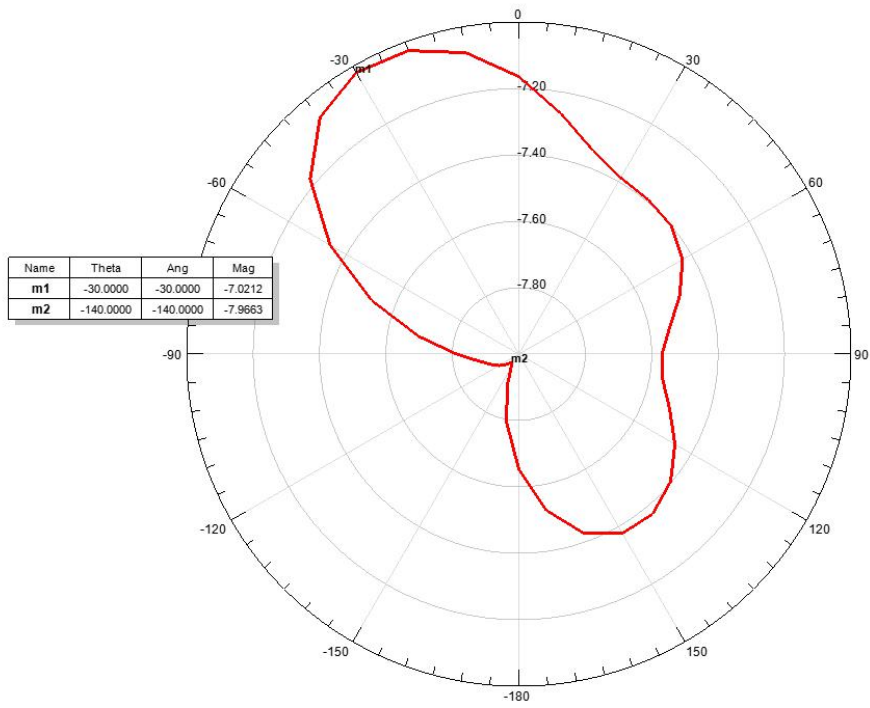
### 5、Radiation Patterns(GAIN @ 2440MHz)

Plane	XY			XZ			YZ		
Frequency(MHz)	2400	2440	2480	2400	2440	2480	2400	2440	2480
Peak Gain (dBi)	-7.35	-7.36	-7.37	-7.1	-7.02	-7.15	-6.98	-6.93	-7.05

#### XY-Plane



#### XZ-Plane



YZ-Plane

