

## Product specification

### Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
MAX Gain (dBi)	1.9	
Maximum Power (dBm)	1.7 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Input Impendence(ohm)	50	
Polarization Type	V ertical & Horizontal	
V . S .W . R	< 1.4	

Manufacturer:ZHUHAI JIELI TECHNOLOGY CO.,LTD

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All the technical data and information contained herein are subject to change without prior notice

### Antenna Layout & module on the system board



SIZE: 12\*6mm

### Antenna Gain

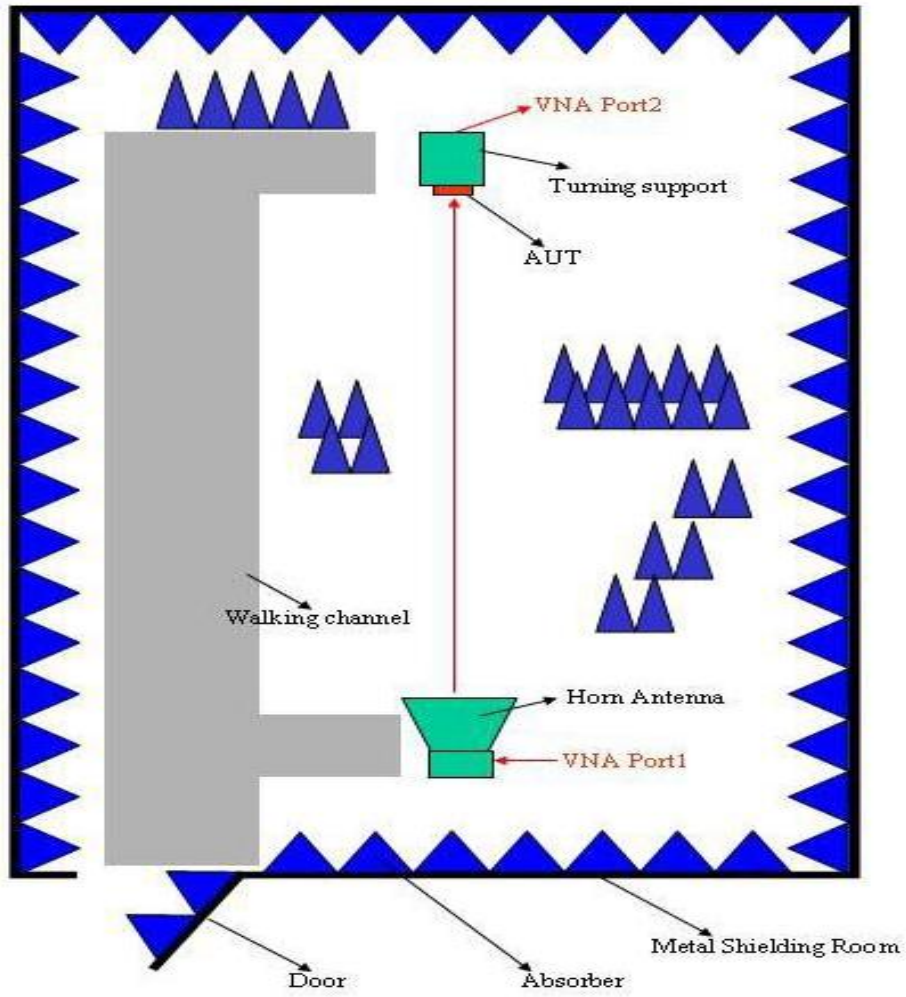
size:12\*6mm

Frequency	Effic	Percen	Gain
2400	-3.7	42.7%	1.9
2450	-4.83	32.91%	-0.54
2500	-5.22	30.07%	-0.85

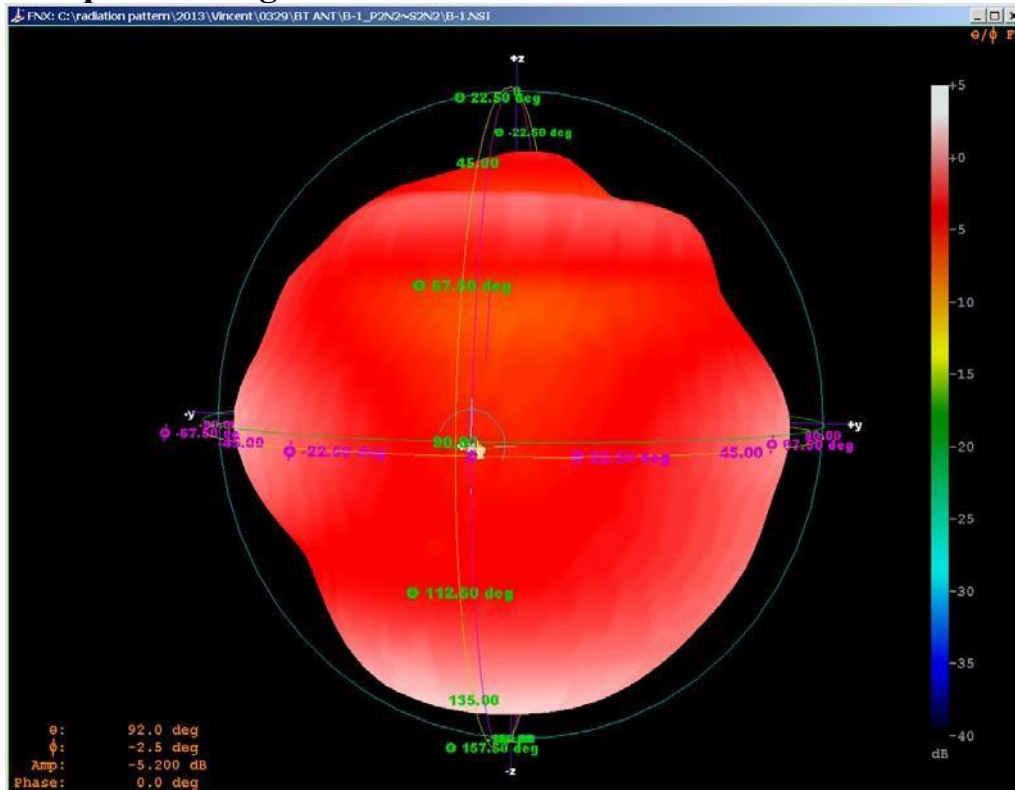
# Return Loss



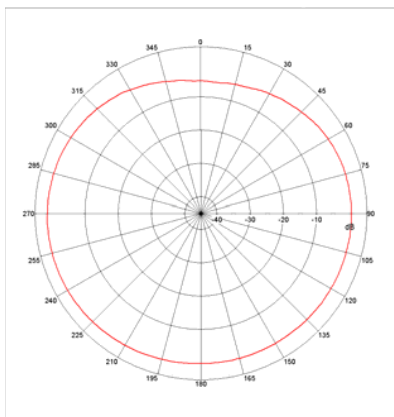
# The Environment of Antenna Radiation Pattern



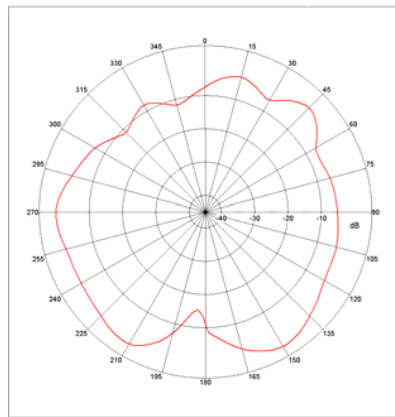
# 3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

