

Product specification

Quick Reference Date

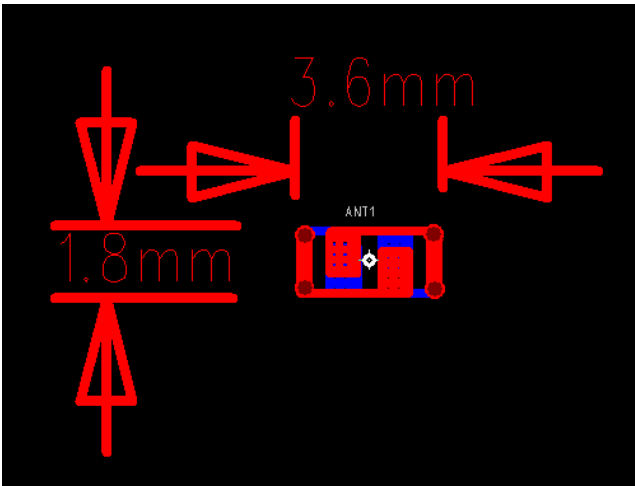
	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.1 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.1	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	1.2 (Avg Gain XY-plane)	
Maximum Power (dBm)	1.6 (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	< 1.5	

Mafacturer:Shenzhen Xuansheng Technology Co., Ltd.

Address:1st Building, Shangxing 2nd Industrial Zone, Shajing, Bao'an District, Shenzhen

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

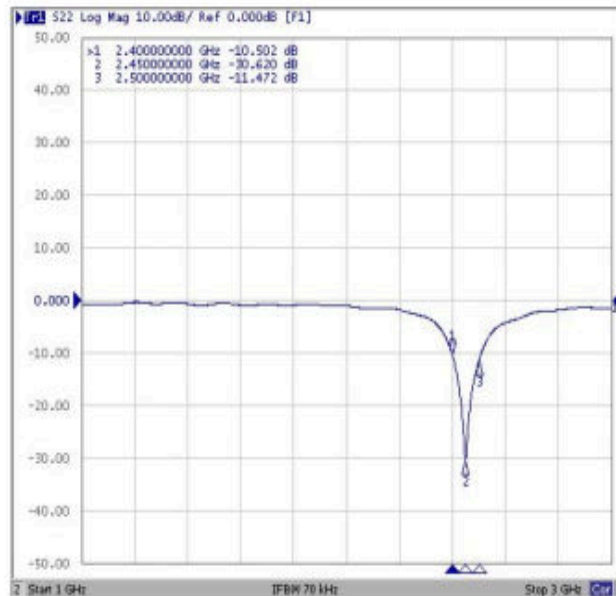
Antenna Layout & module on the system board



Return Loss

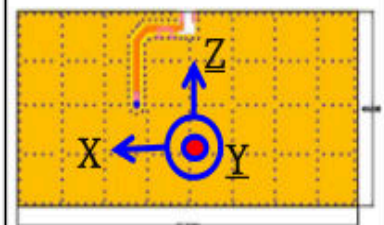
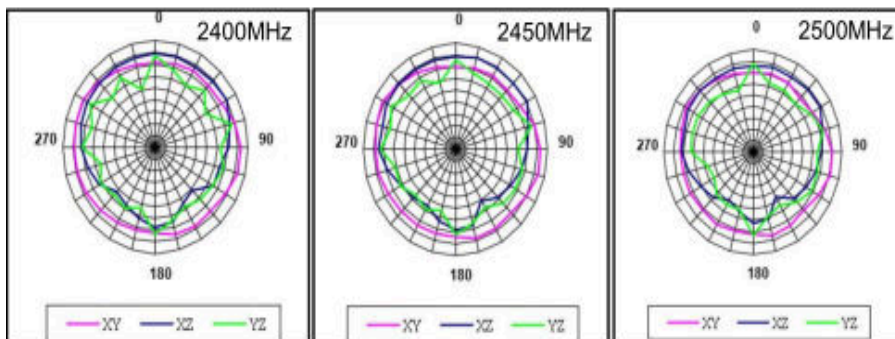
Return Loss & Radiation

Return Loss

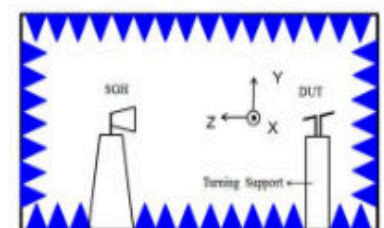


Frequency(MHz)	S11 (dB)
2400	-10.50
2450	-30.62
2500	-11.47

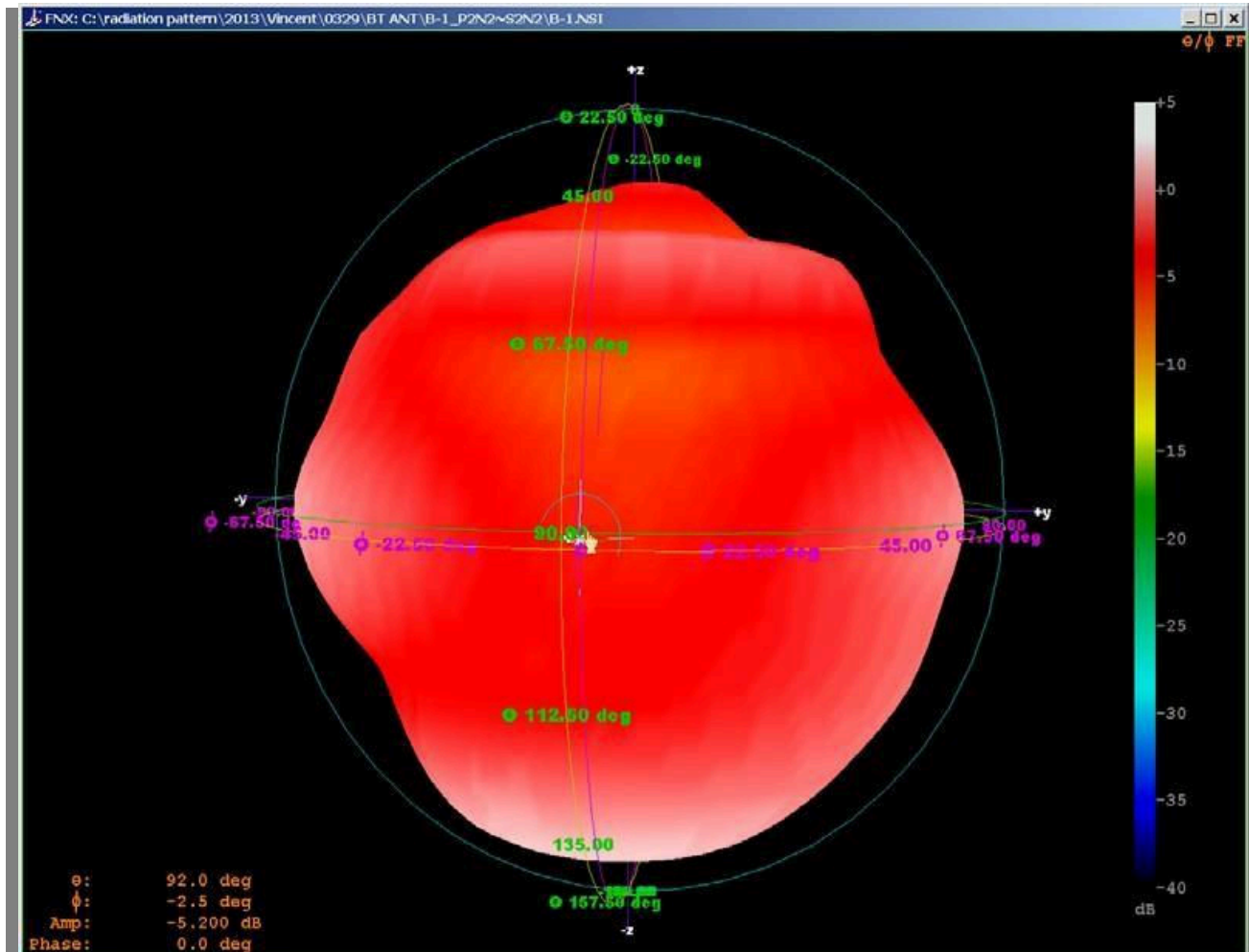
Radiation



	2400MHz	2450MHz	2500MHz
Efficiency	82.52%	85.26%	83.01%



3D radiation pattern diagram



FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These

limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following

two conditions: (1) This device may not cause harmful interference. and
(2) this device must accept any interference received including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.