

Product specification

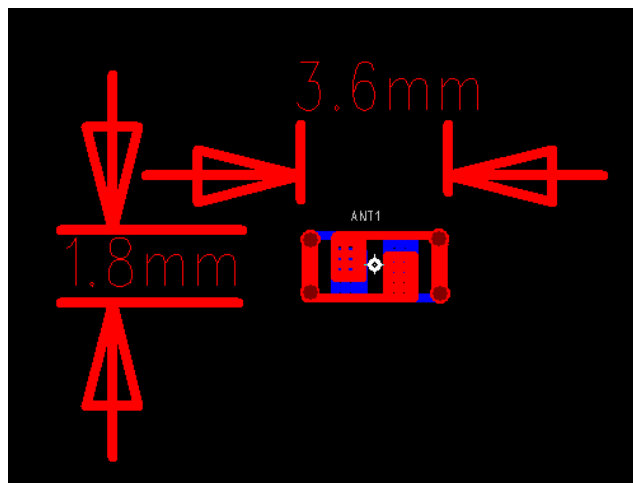
Quick Reference Date

	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	

Antenna Type: PCB Antenna

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

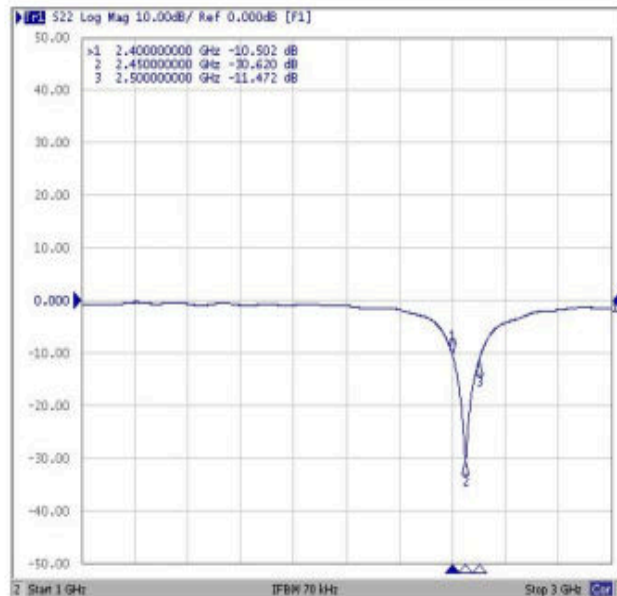
Antenna Layout & module on the system board



Return Loss

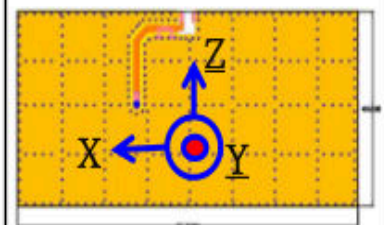
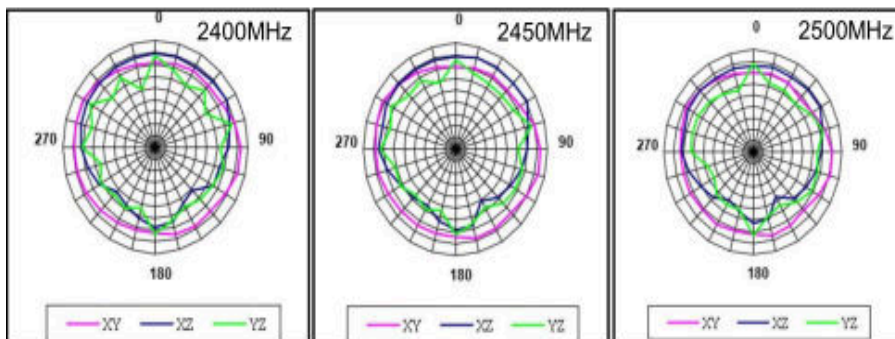
Return Loss & Radiation

Return Loss

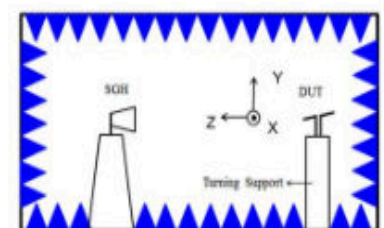


Frequency(MHz)	S11 (dB)
2400	-10.50
2450	-30.62
2500	-11.47

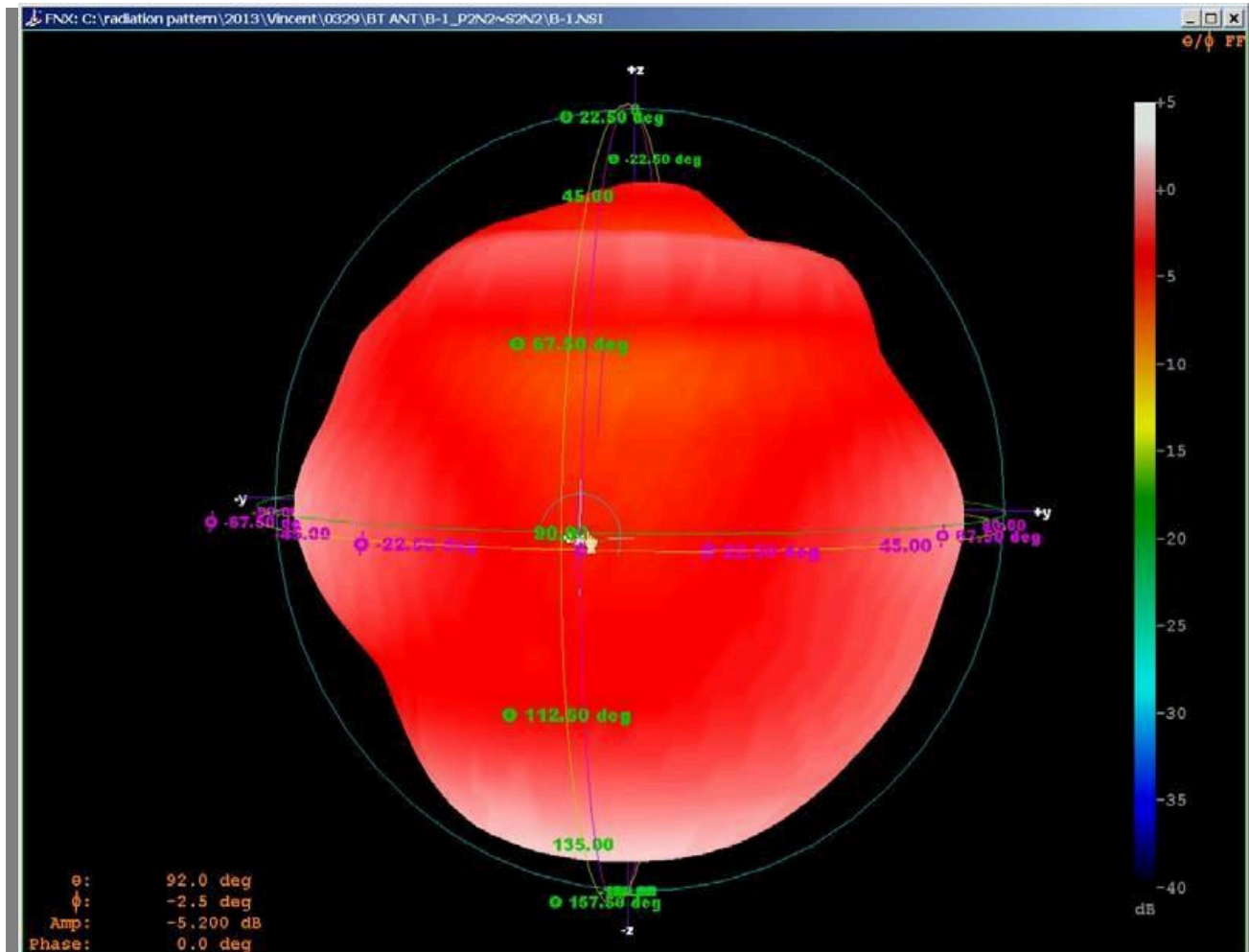
Radiation



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



3D radiation pattern diagram



Create New Account - Confirmation

Registered User Account created on 2023-11-03

A confirmation email has been sent to 442821943@qq.com. Your account will be activated once you respond to this verification message.

To ensure delivery of the verification email, please do the following.

1. Please add FccRegistration@fcc.gov to your safe sender list; check your email INBOX folder for the verification email, as well as your SPA and JUNK folders
2. If not received shortly after submitting the account, please go to FCC UserReg login page, and click the "Request another verification email?" link.
3. Please allow up to 4 hours for the email to arrive. If after 4 hours the verification email has not arrived, please submit a help request at <https://www.fcc.gov/wireless/available-support-services> or call 877-480-3201 (Mon.-Fri. 8a.m.-6 P.m.ET)

《 Return to Log In

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.