

Product specification

Quick Reference Data

	Antenna module on the system board	
Frequenc Range	2402MHz-2477MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-3 (Input pwr – loss pwr)	
Peak EIRP(dBm)	0	
Directivity (dBi)	0 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	0	
Maximum Power (dBm)	-2 (XY-plane)	
Minimum Power (dBm)	-2(XY-plane)	
Avg. Power (dBm)	0.63(XY-plane)	
Input Impedence(ohm)	50	
Polarization Type	V ertical & H orizontal	
V . S .W . R	< 3	

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

Antenna Layout & module on the system board



Width:4mm

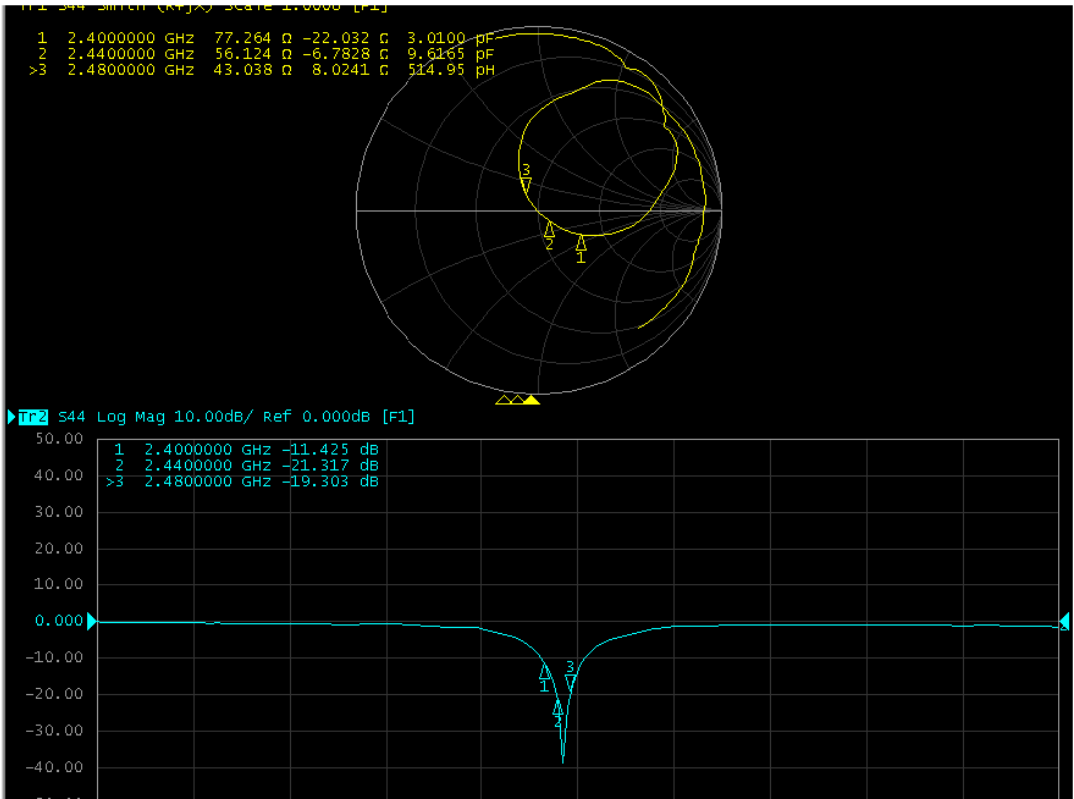
Length:14mm

Antenna Gain

Gain Table

Unit in dBi @2.4GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	-0.12	-2	-0.25	-2	0	-0.63	6 0.2 %

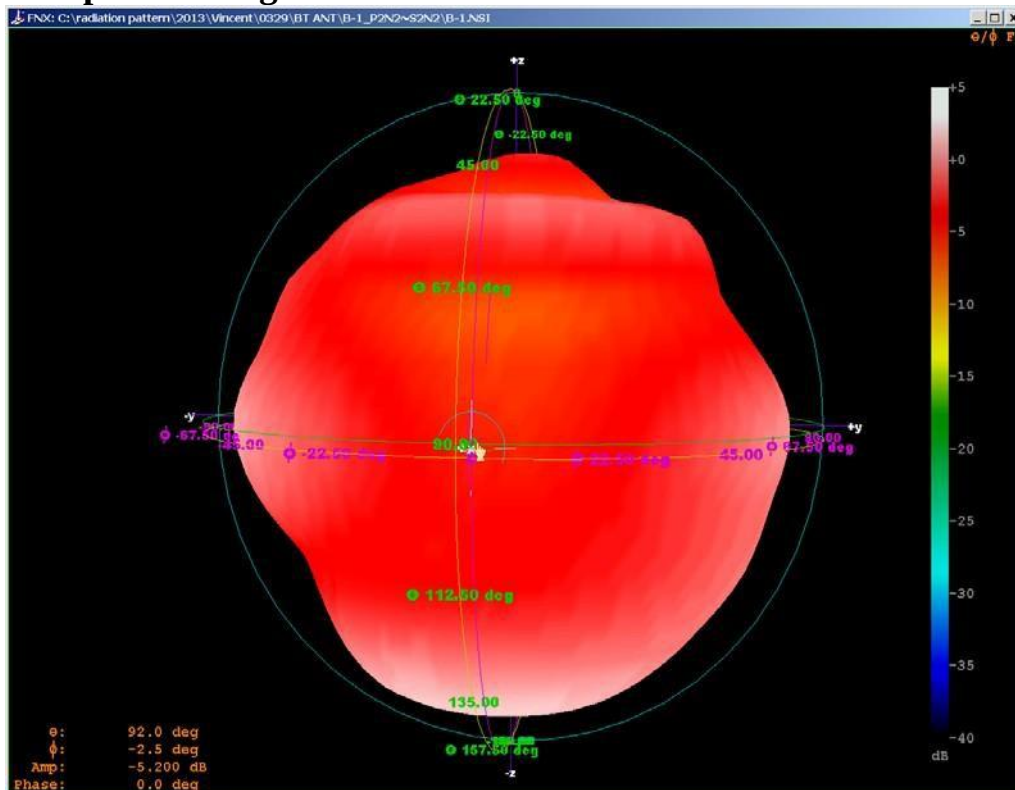
Return Loss



The Environment of Antenna Radiation Pattern

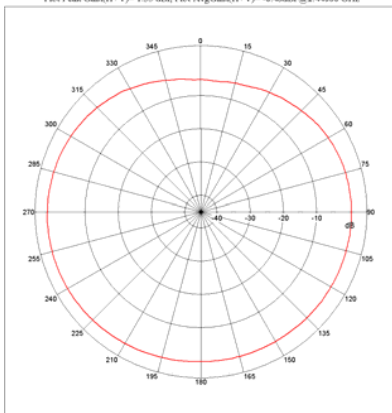


3D radiation pattern diagram



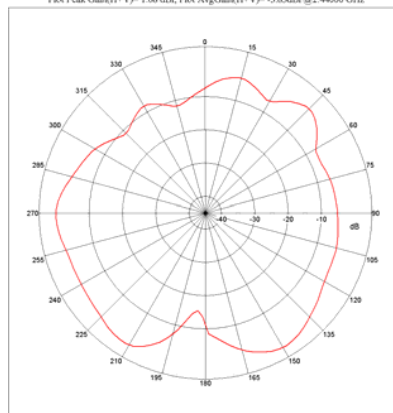
XY-plane

Far-field Power Distribution(H+V) on X-Y Plane



XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane



YZ-plane

Far-field Power Distribution(H+V) on Y-Z Plane
Plot Peak Gain(H+V)= 1.11 dBi; Plot AvgGain(H+V)= -2.99dBi @2.44000 GHz

