

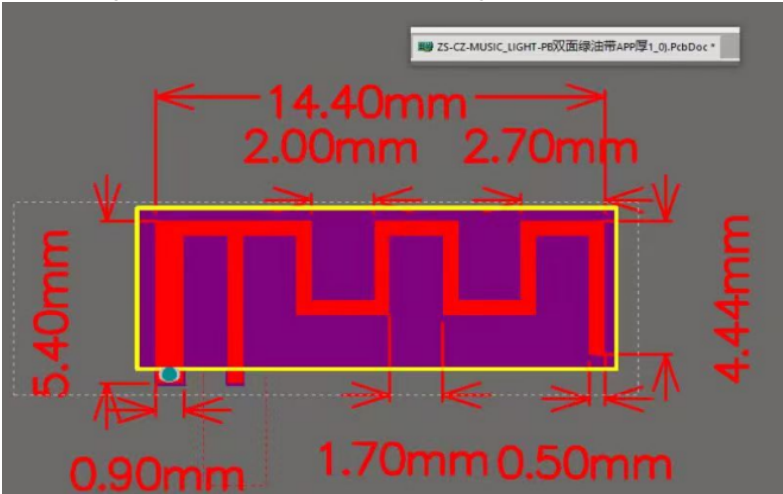
Product specification

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)	2.99	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	1 6 .2 %	
Gain (dBi)	2.99 (Peak Gain XZ-plane)	
Maximum Power (dBm)	2.99(XZ-plane)	
Minimum Power (dBm)	-18.89(XZ-plane)	
Avg. Power (dBm)	-0.5(XZ-plane)	
Input Impedence(ohm)	50	
Polarization Type	V ertical & H orizontal	
V . S . W . R	< 1.4	

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

Antenna Layout & module on the system board



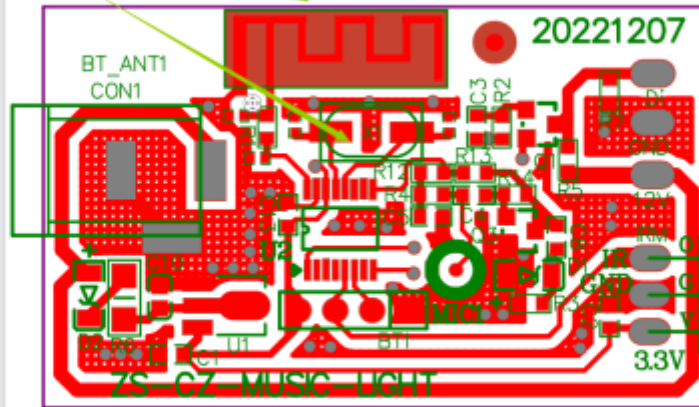
Antenna Gain

Gain Table

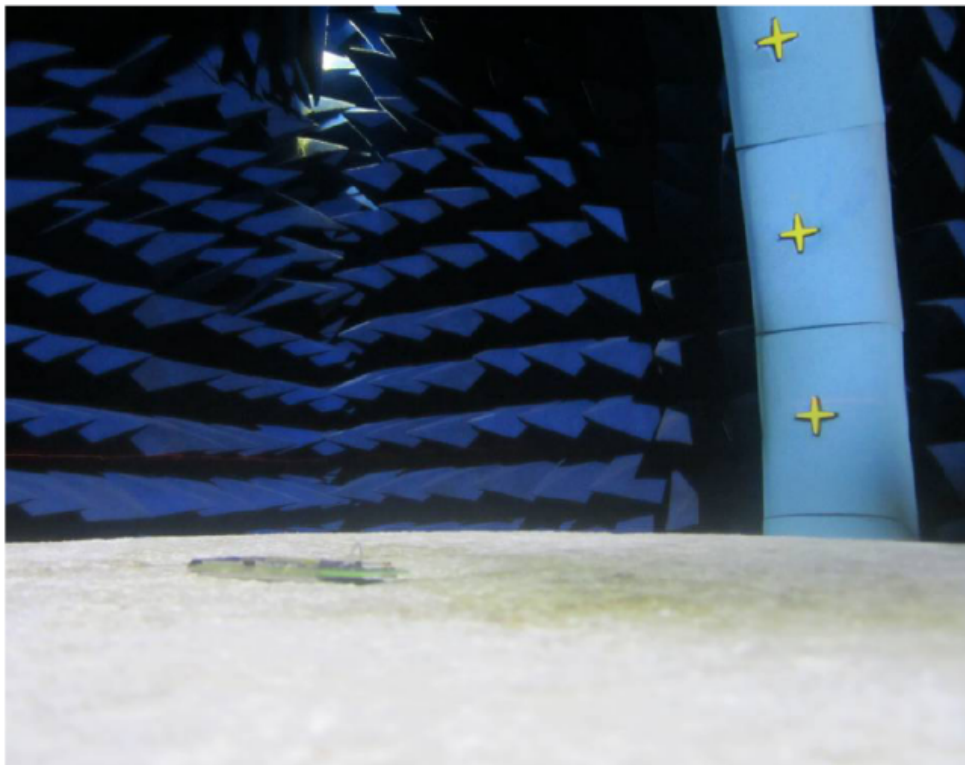
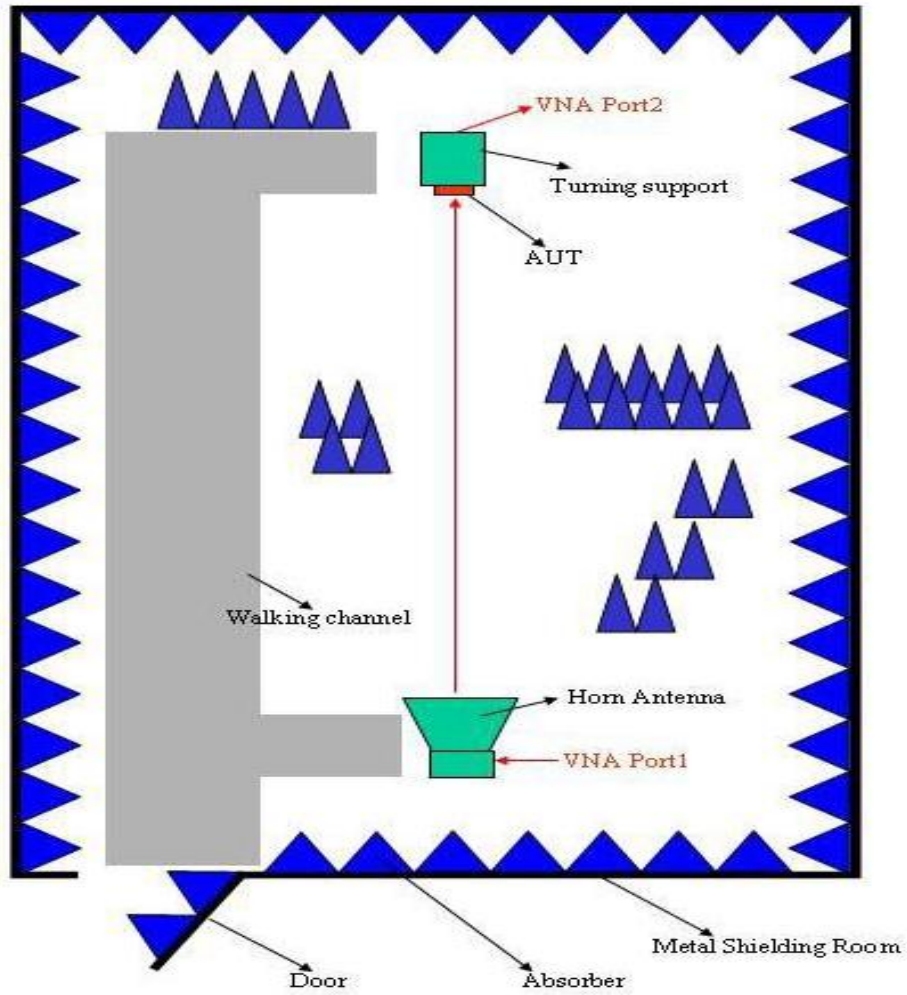
Unit in dBi @2.44GHz	XY-plane	XZ-plane	YZ-plane	Efficiency
	Peak	Peak	Peak	
Module Board	2.85	2.99	2.87	1 6 .2 %

蓝牙2.4G板载天线

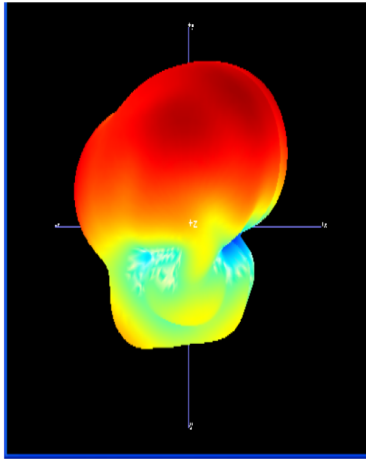
晶振16M



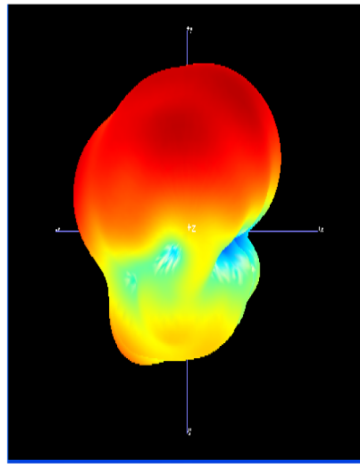
The Environment of Antenna Radiation Pattern



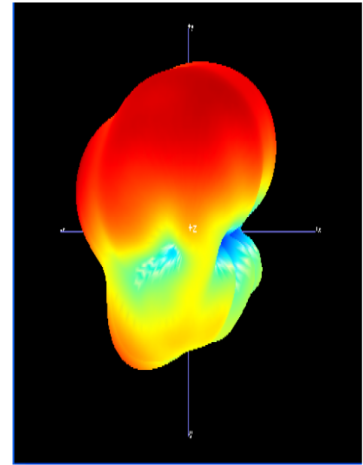
3D radiation pattern diagram



2402MHZ

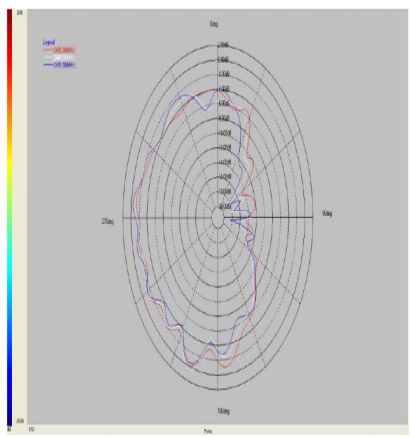


2441MHZ

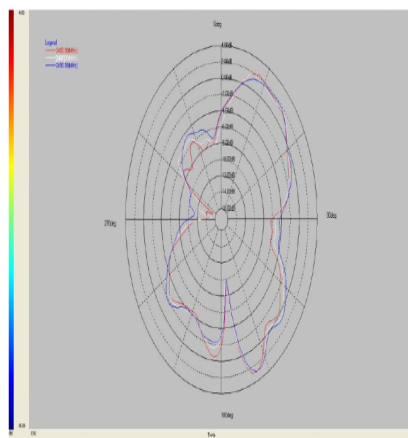


2480MHZ

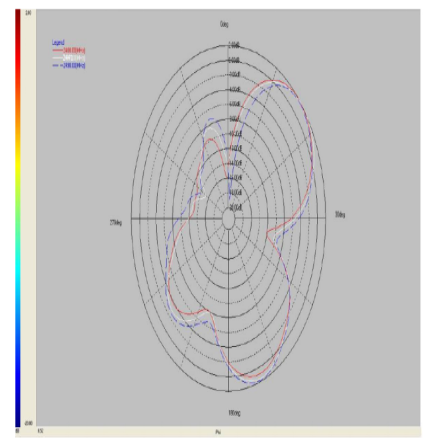
XY-plane



XZ-plane



YZ-plane



Manufacturer :

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