

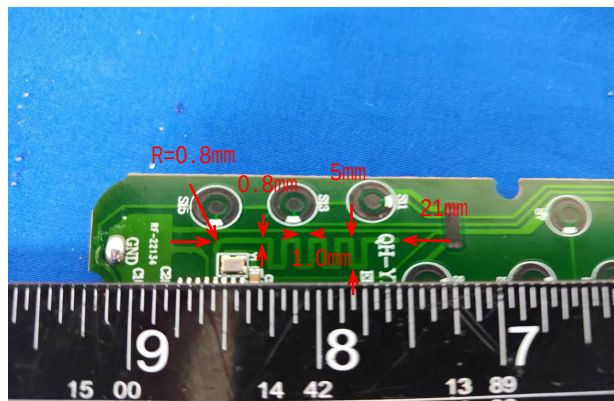
Product specification

Quick Reference Data

	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 %	
Gain (dBi)	1.42 (PeakGain XZ-plane)	
Maximum Power (dBm)	1.7 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-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

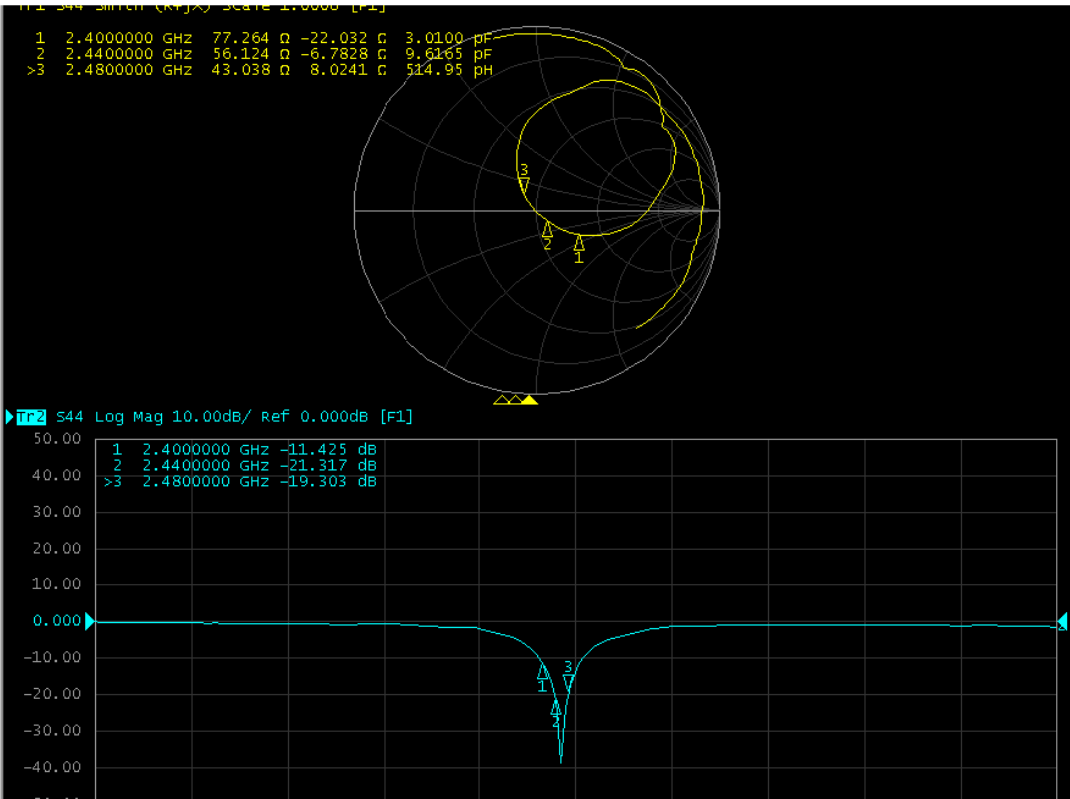
Antenna Layout & module on the system board



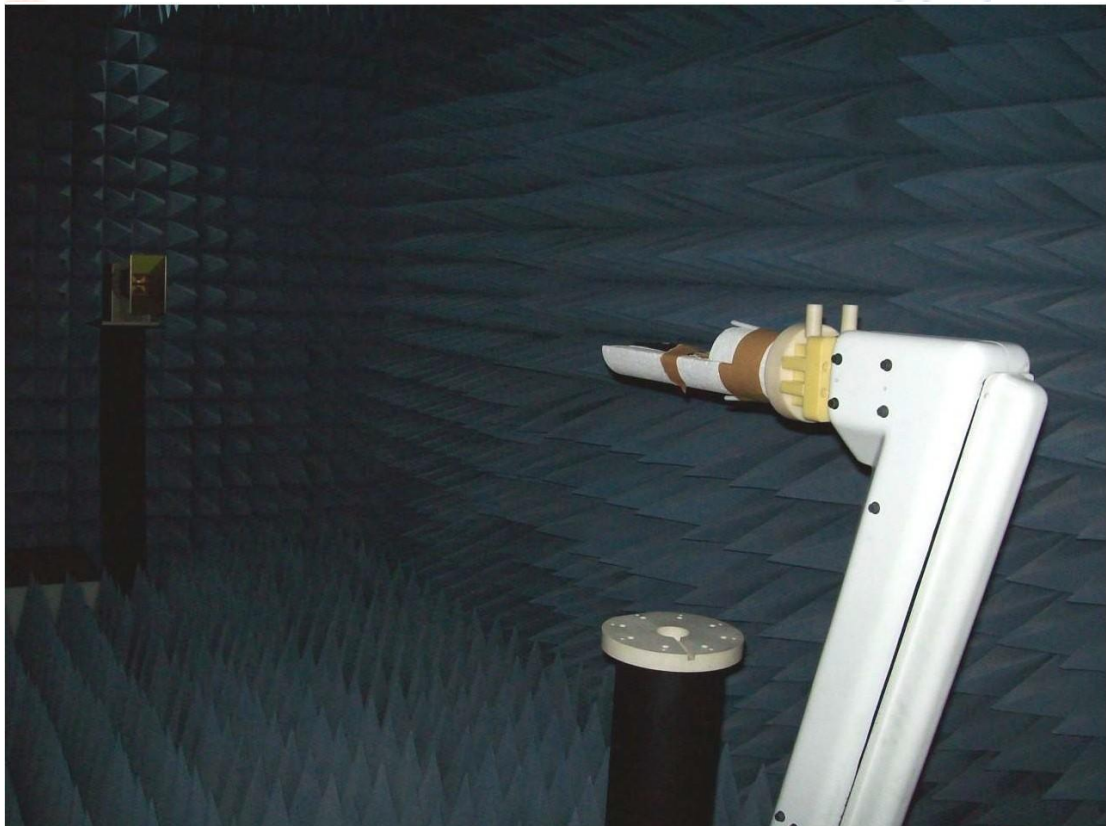
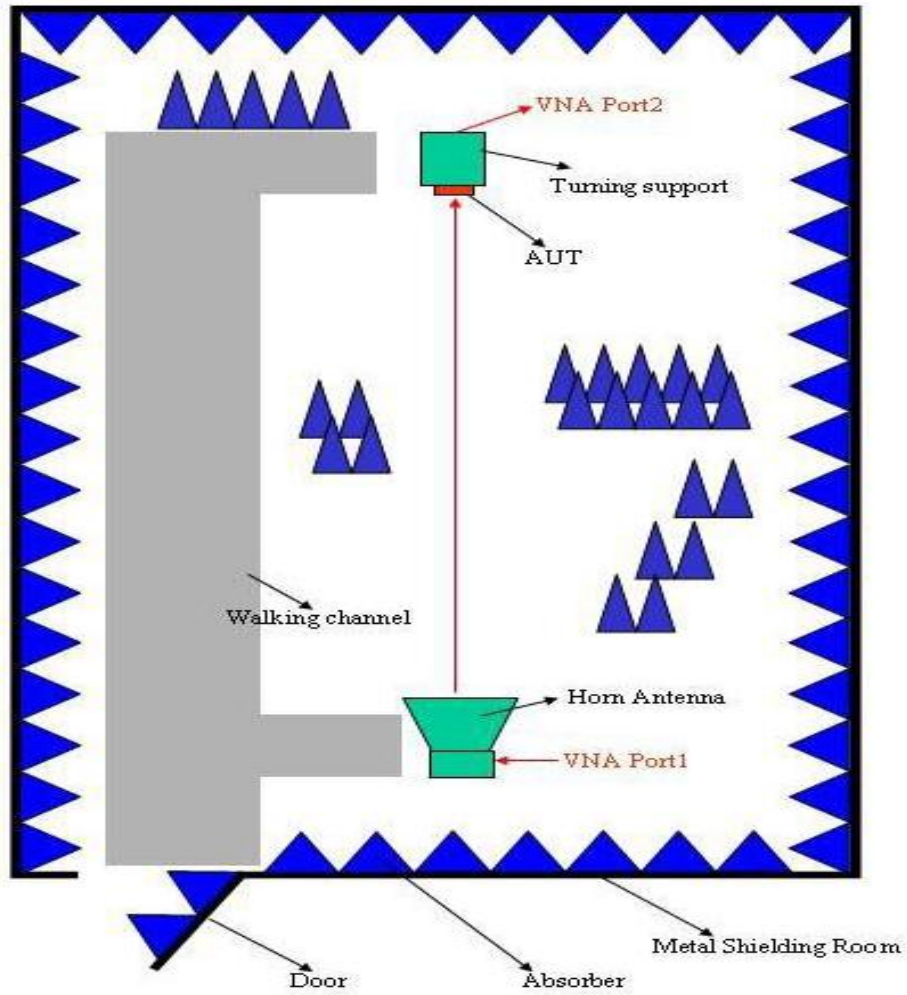
Manufacture's Name : Zhongshan Bitop Intelligent Control Technology Co., Ltd.

Address : 2nd Floor, Building E, No.3 Lefeng 6th Road, Maohui Industrial Zone,
Henglan Town, Zhongshan City,Guangdong Province,China

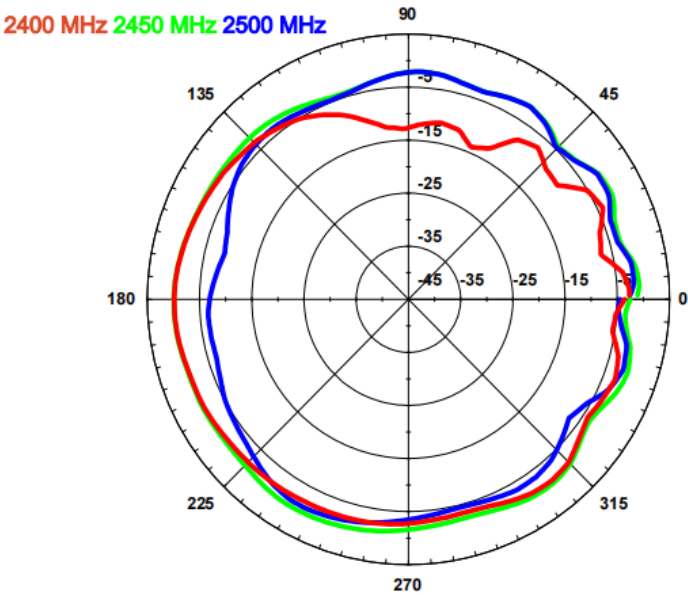
Return Loss



The Environment of Antenna Radiation Pattern



2D radiation pattern diagram



Frequency (MHz)	Gain(dB)
	Max
2400	1.42
2450	1.21
2500	-2.26