

Product specification

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)	60.2%
Gain (dBi)	1.9 (Peak Gain 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 & Horizontal
V .S .W .R	< 1.4
Antenna model	AN123
Antenna name.	PCB
Manufacturer	Hangzhou ZH Tech Co.,Ltd.

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

Antenna Layout & module on the system board

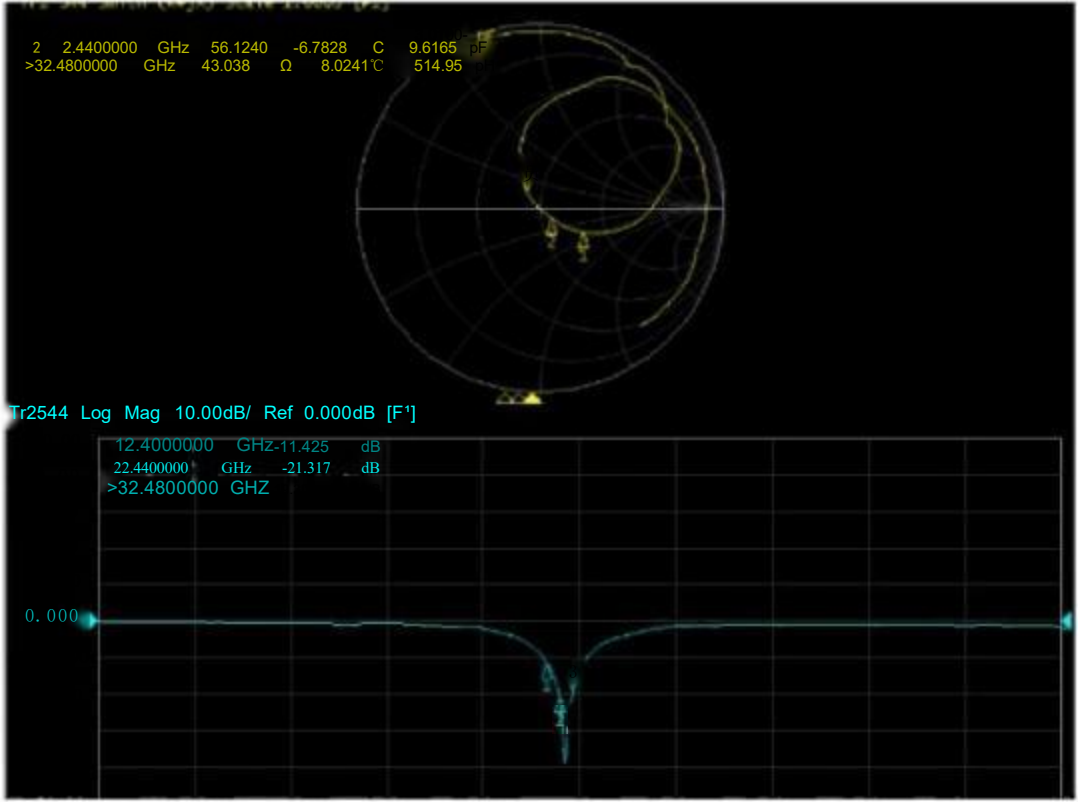


Antenna Gain

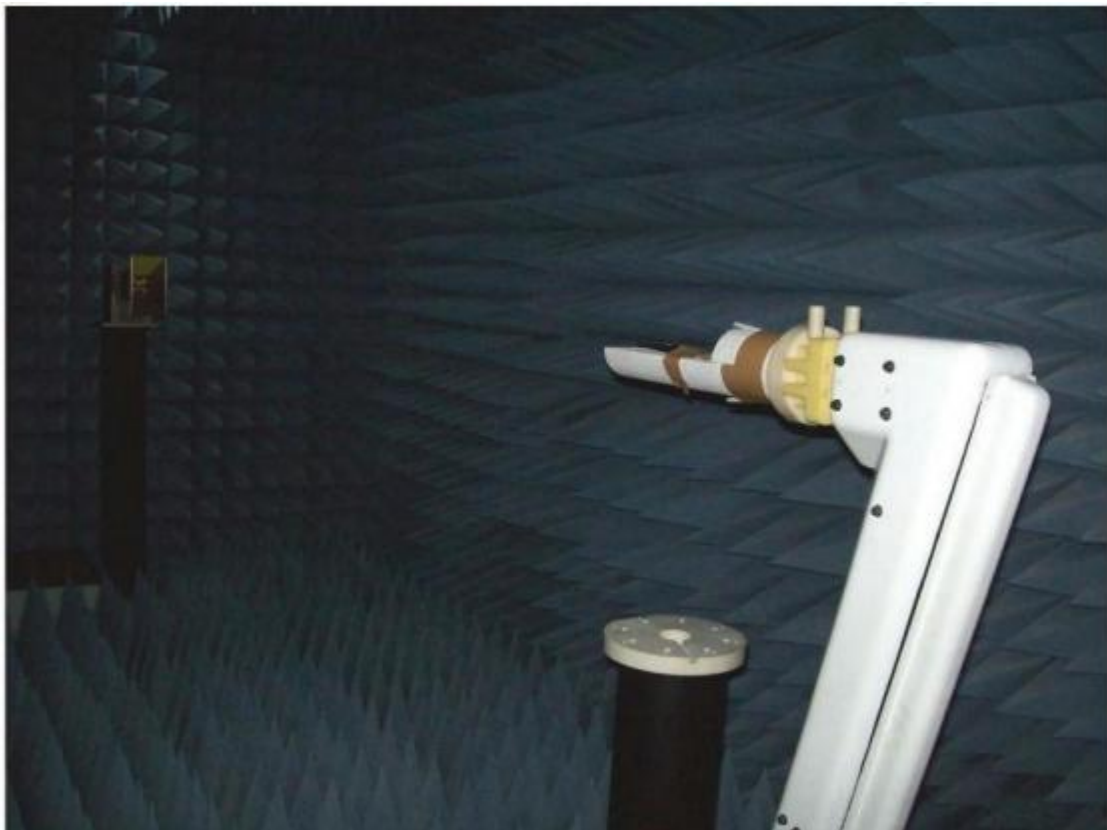
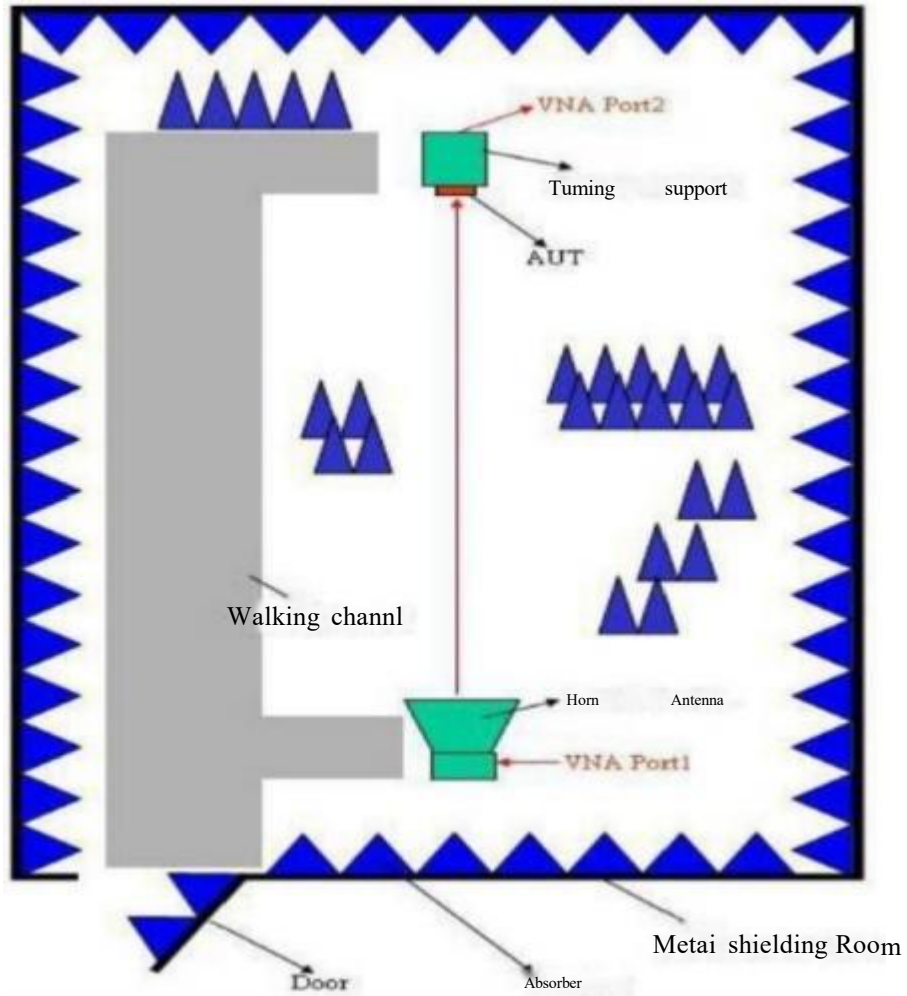
Gain Table

Unit in dBi	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	1.9	-3.6	1.1	-3.0	60.2 %

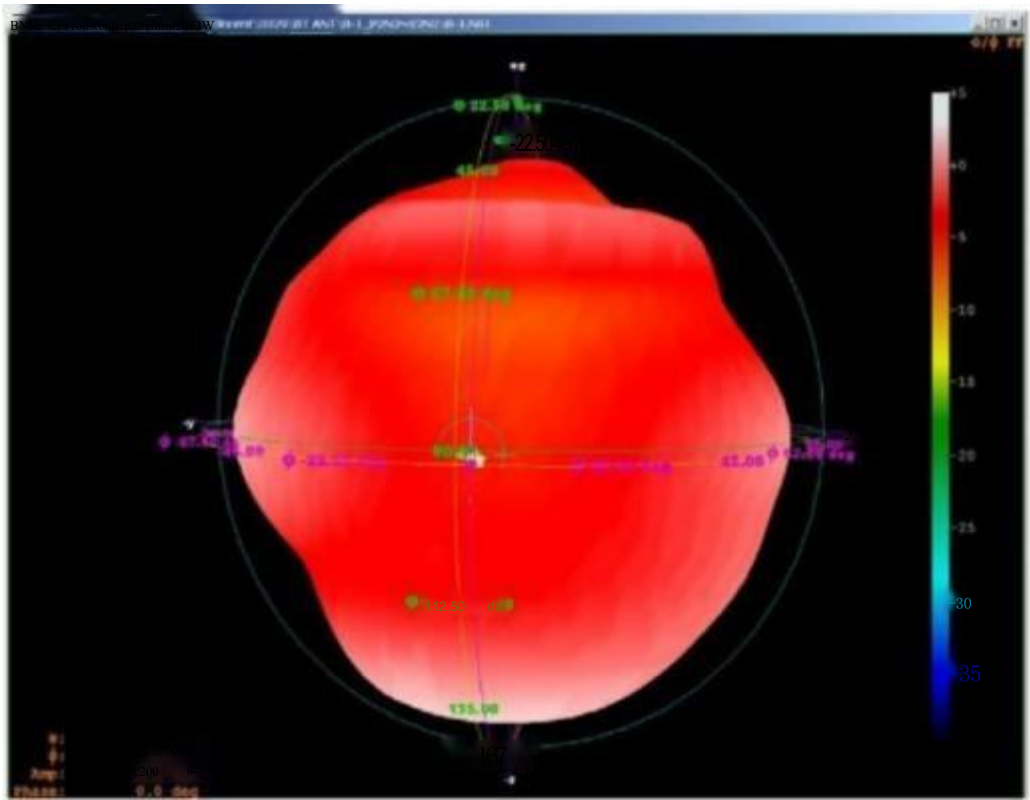
Return Loss



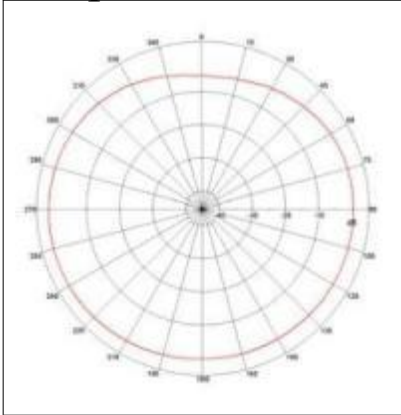
The Environment of Antenna Radiation Pattern



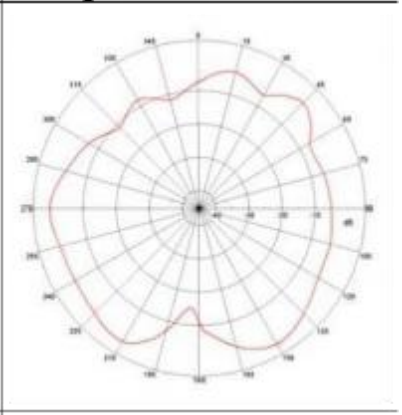
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

