

Product specification

Quick Reference Data

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Applicant	Guizhou Jinghao Technology Co.,Ltd.	
Address	Aluminum & aluminum Processing Park, Yunhuan East Road, Baiyun District, Guiyang, Guiyang, China	
Model No.	AN9520	
Peak EIRP(dBm)	1.2	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	1.5dBi (peak Gain XY-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	

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

Antenna Layout & module on the system board

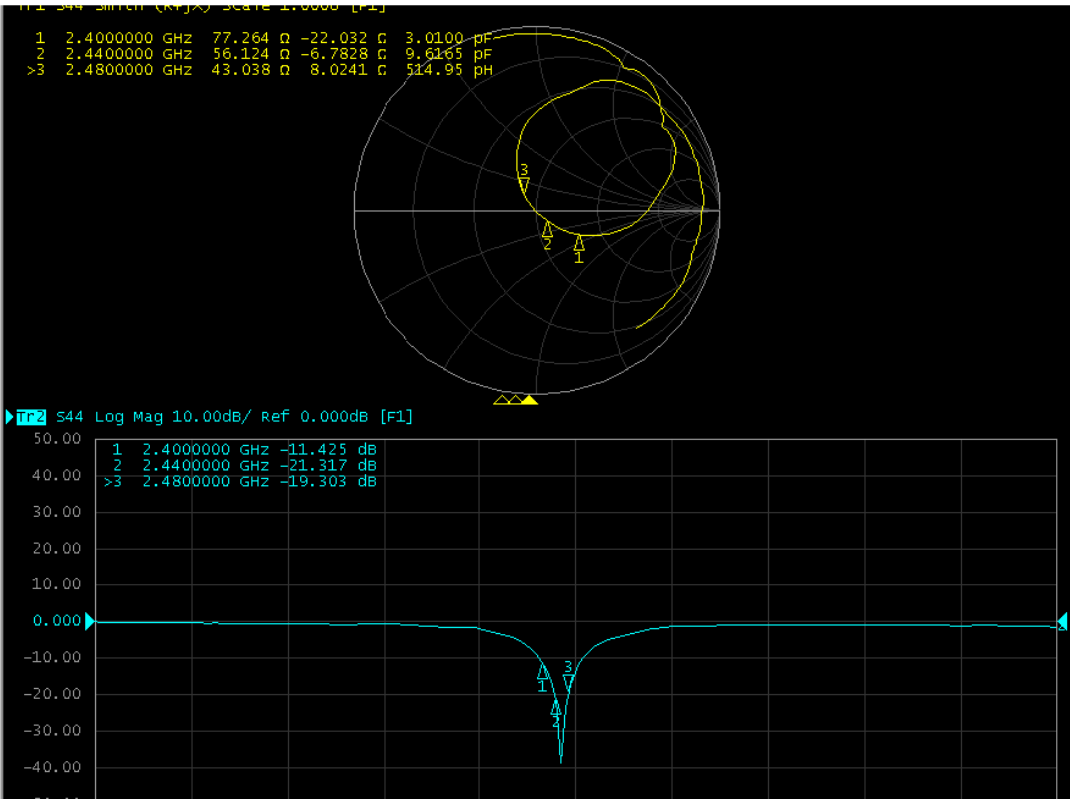


Antenna Gain

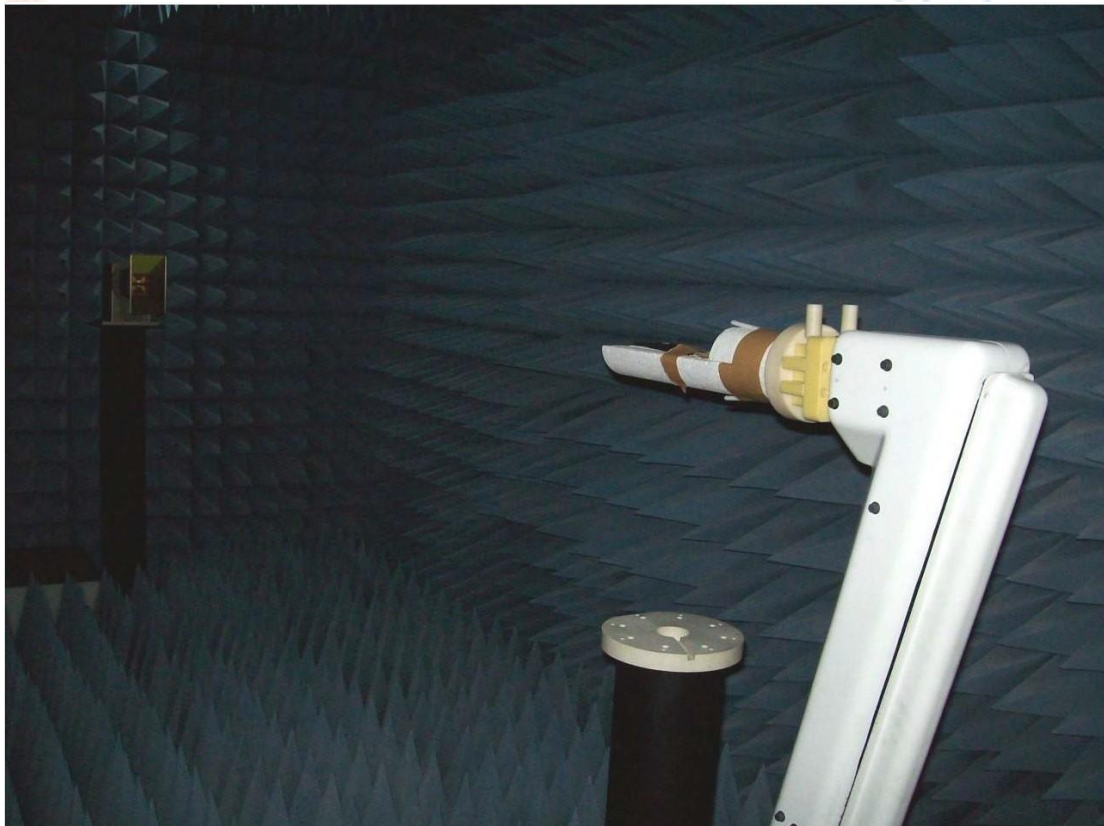
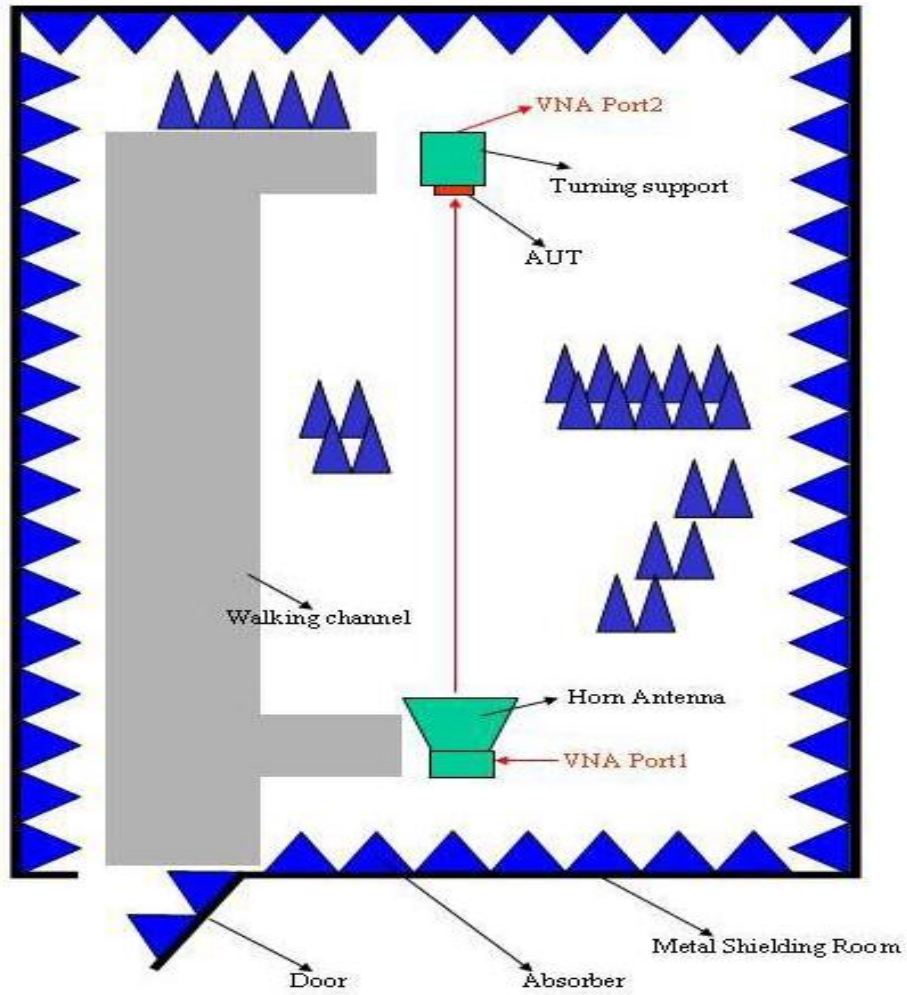
Gain Table

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.5	-0.5	1.4	-3.6	1.1	-3.0	6 0.2 %

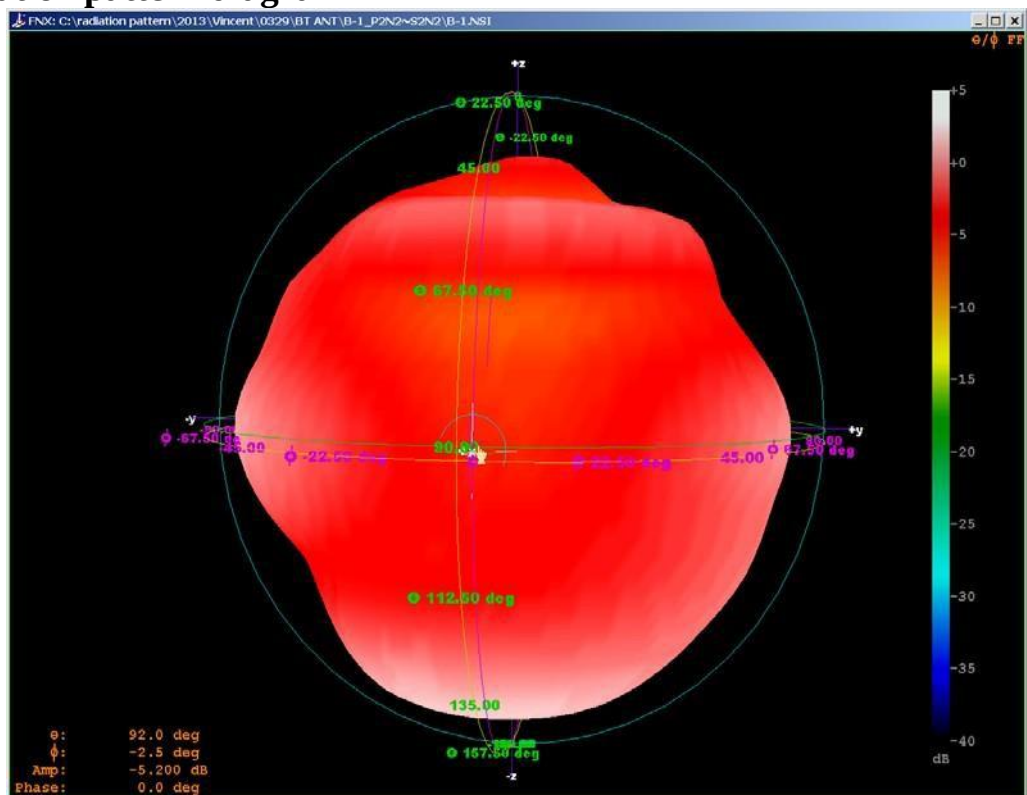
Return Loss



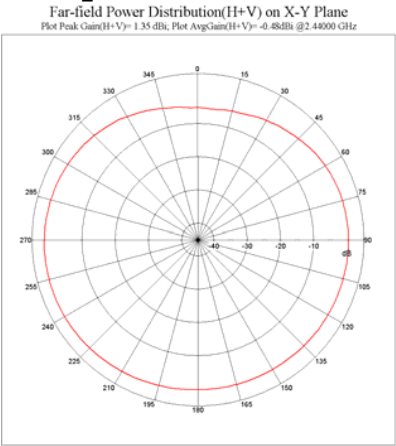
The Environment of Antenna Radiation Pattern



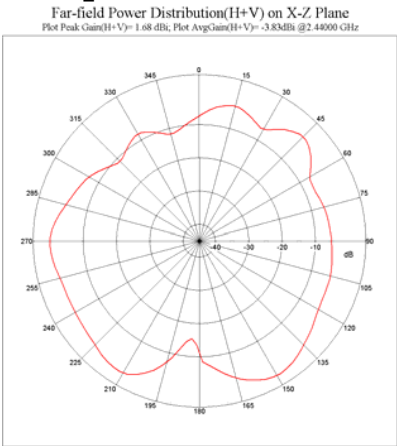
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

