

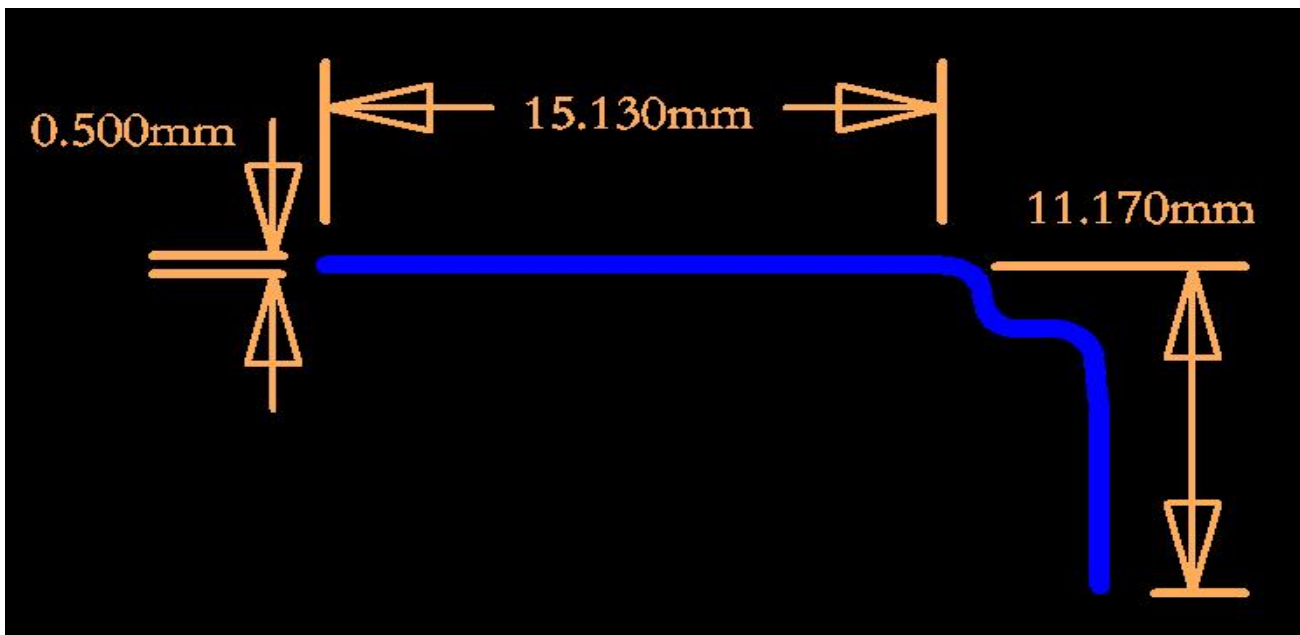
Product specification

Quick Reference Data

	Antenna module on the system board	
Frequenc Range	2402 ~2480MHz	
Ant. Port Input Pwr. (dBm)	1.68 (Typ. BT class 2 output power)	
Peak EIRP(dBm)	1	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	60.2 %	
Gain (dBi)	1.68(PK Gain XZ-plane)	
Maximum Power (dBm)	0 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Input Impendence(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	1.35	-0.48	1.68	-3.83	1.11	-2.99	60.2 %

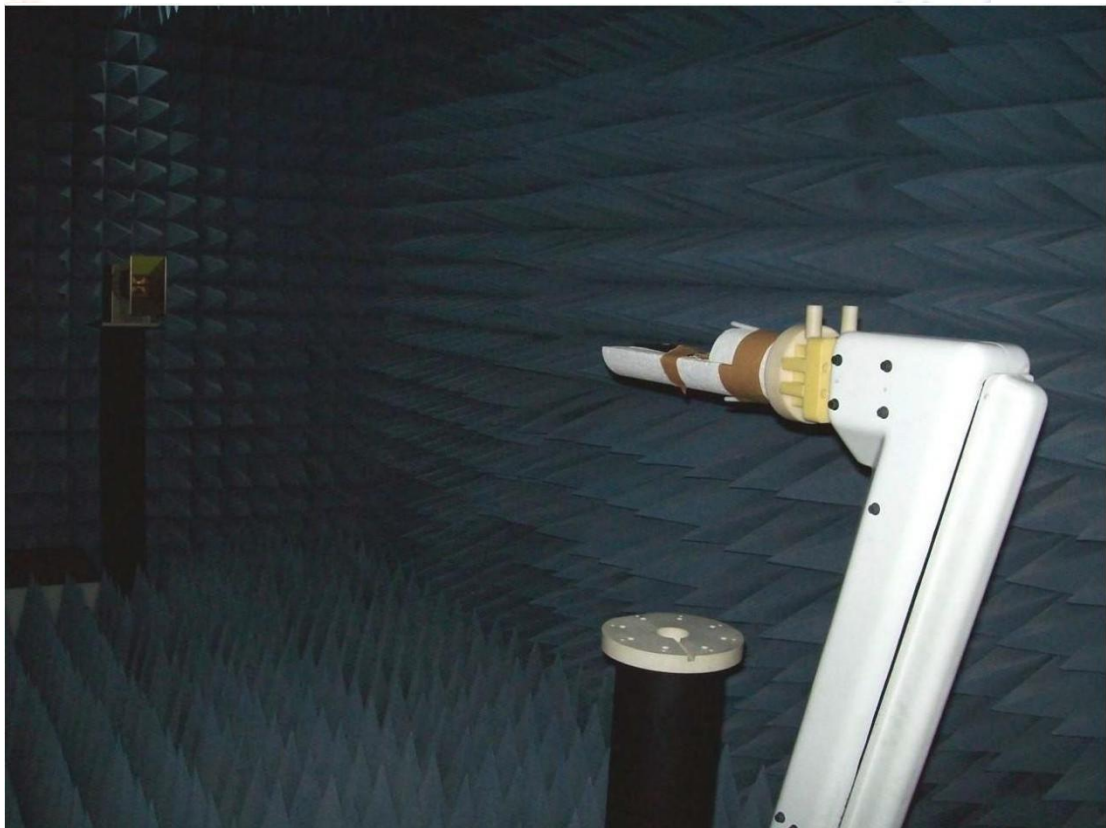
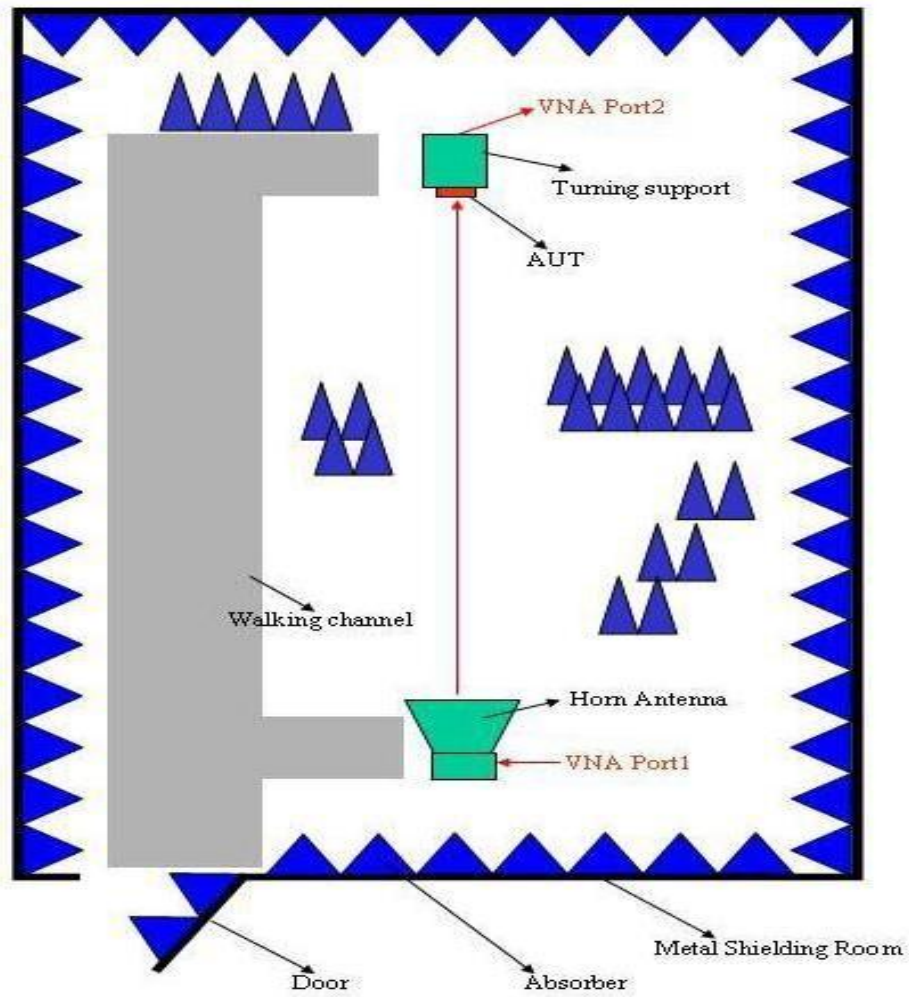
Return manufacturer Loss



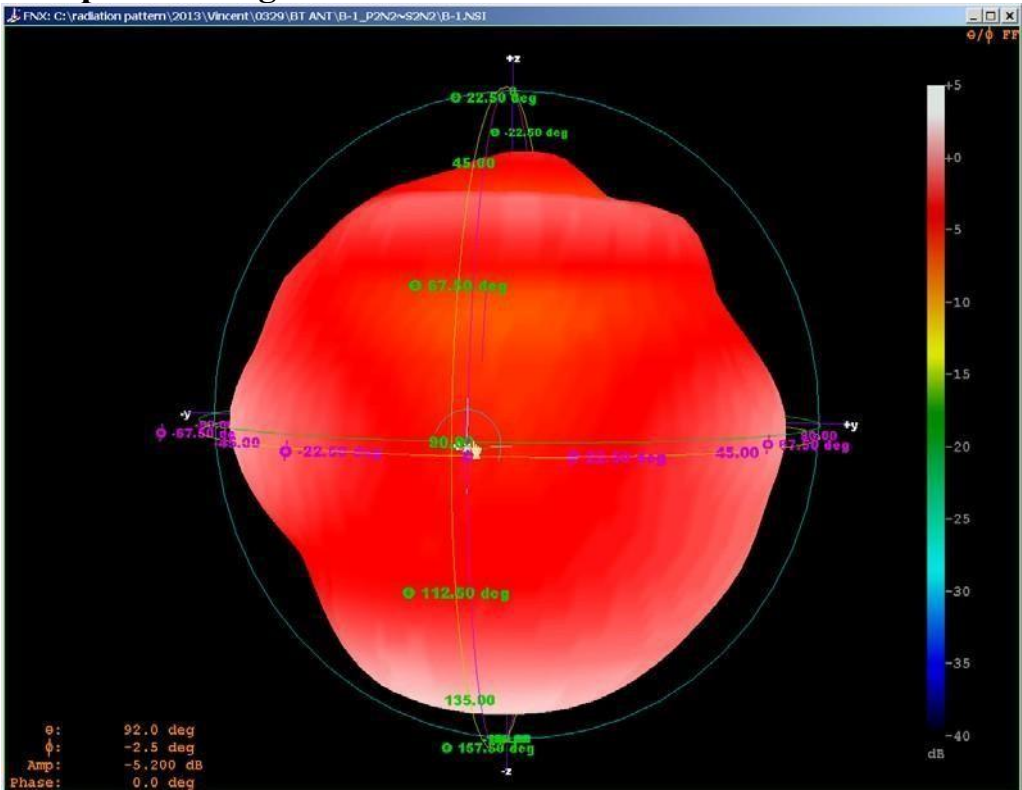
Manufacturer: YANCHENG KELLYUNION IMPORT AND EXPORT CO., LTD

Address: ROOM 2509,BUILDING 1,FINANCIAL CITY NO.5,SHIJI
AVENUE,CHENGNAN DISTRICT,YANCHENG,JIANGSU

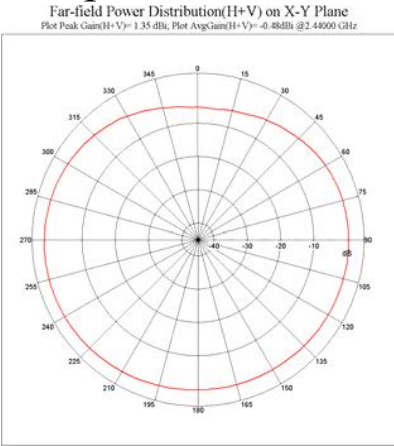
The Environment of Antenna Radiation Pattern



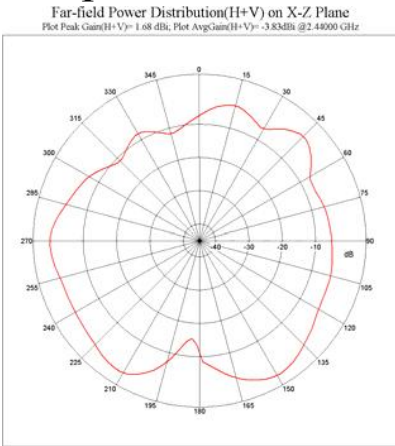
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

