

Product specification

Quick Reference Date

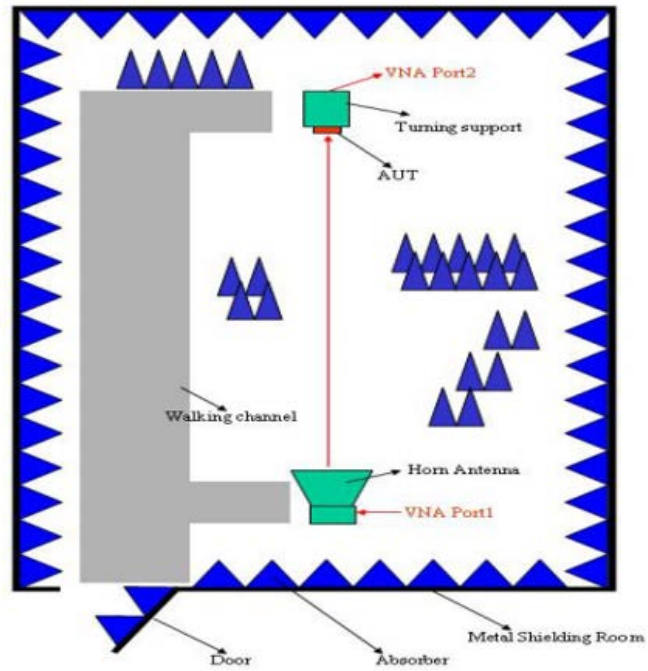
Antenna module on the system board	
Frequenc Range	433.92MHz
Ant. Port Input Pwr. (dBm)	0.5db
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)
Peak EIRP(dBm)	1.2
Directivity (dBi)	1 (all direction antenna)
Efficiency (dB)	60.2 %
Gain (dBi)	1.2 (Peak Gain XY-plane)
Maximum Power (dBm)	1.7 (XY-plane)
Minimum Power (dBm)	-4(XY-plane)
Avg. Power (dBm)	-0.5(XY-plane)
Input Impendence(ohm)	50
Polarization Type	Vertical & Horizontal
V. S .W. R	< 1.4
Applicant	Shenzhen Deyi Electronic Technology Co., Ltd.
Address	3/ F, No.6, Caowei Road, Caowei Community, Hangcheng Street, Bao'an District, Shenzhen

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

Antenna Layout & module on the system board



The Environment of Antenna Radiation Pattern

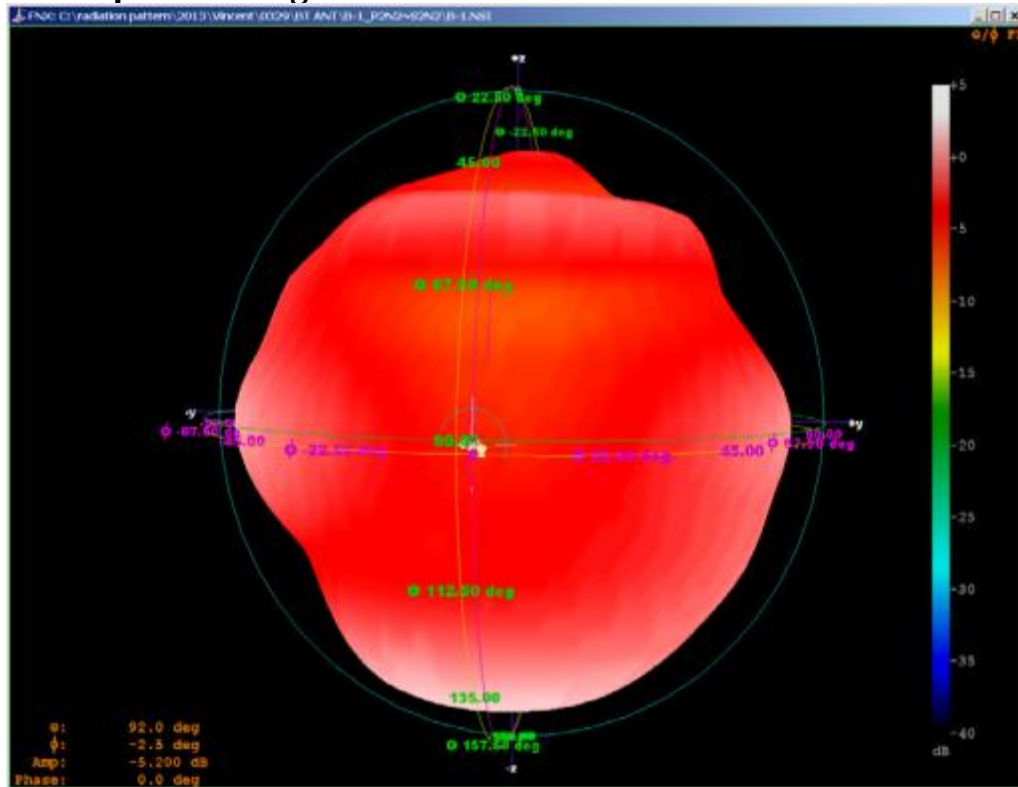


Antenna Gain

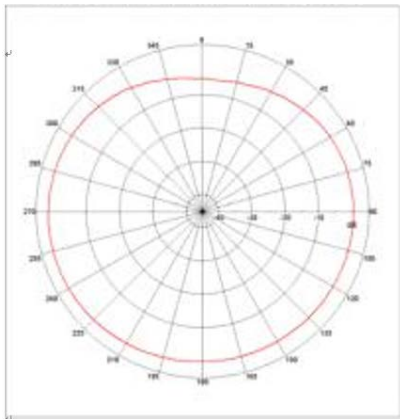
Gain Table

Unit in dBi @433MHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.2	-0.5	0.9	-3.6	1.1	-3.0	60.2 %

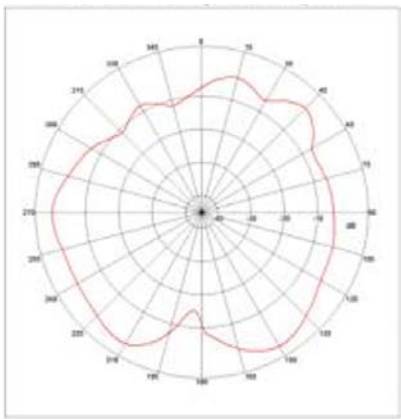
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

