

Product specification

Quick Reference Date

	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)	1.68(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

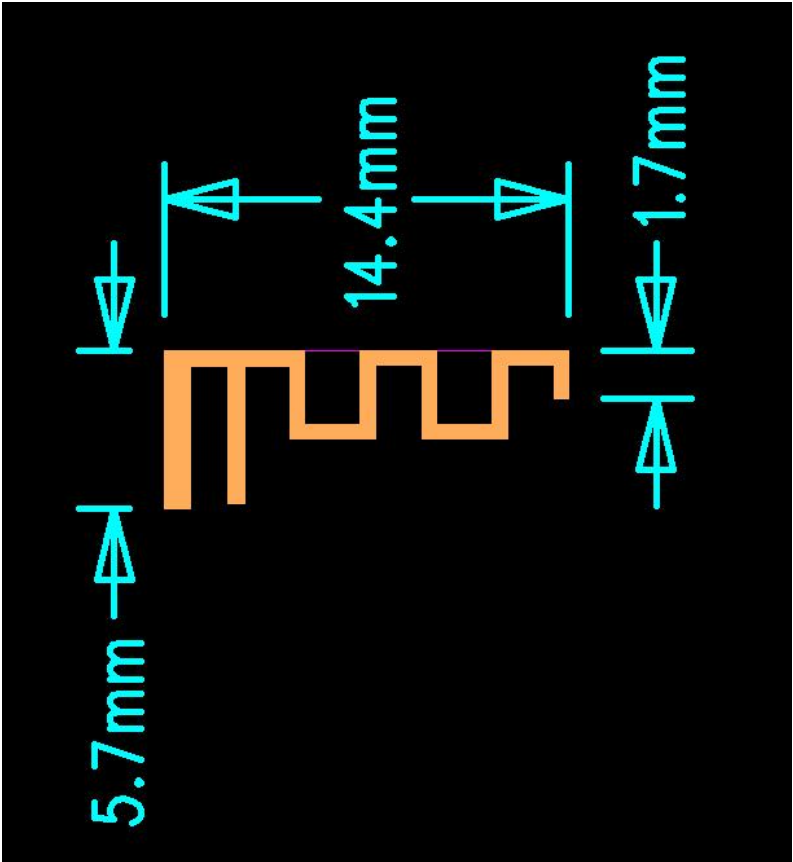
Manufacturer: Enping City Lanpu electronics Co., LTD

Address: No.77, Dasongling yijing Residential Area, Encheng Street, Enping, China

Model: Dj20

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

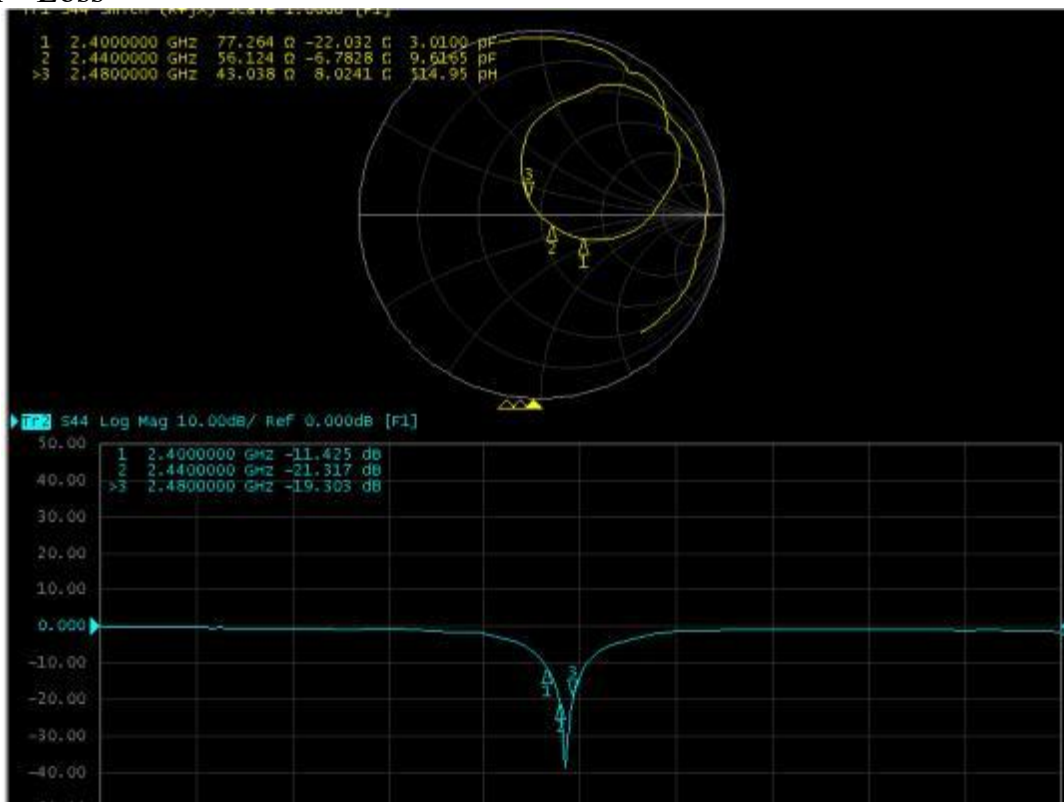
Antenna Layout & module on the system board



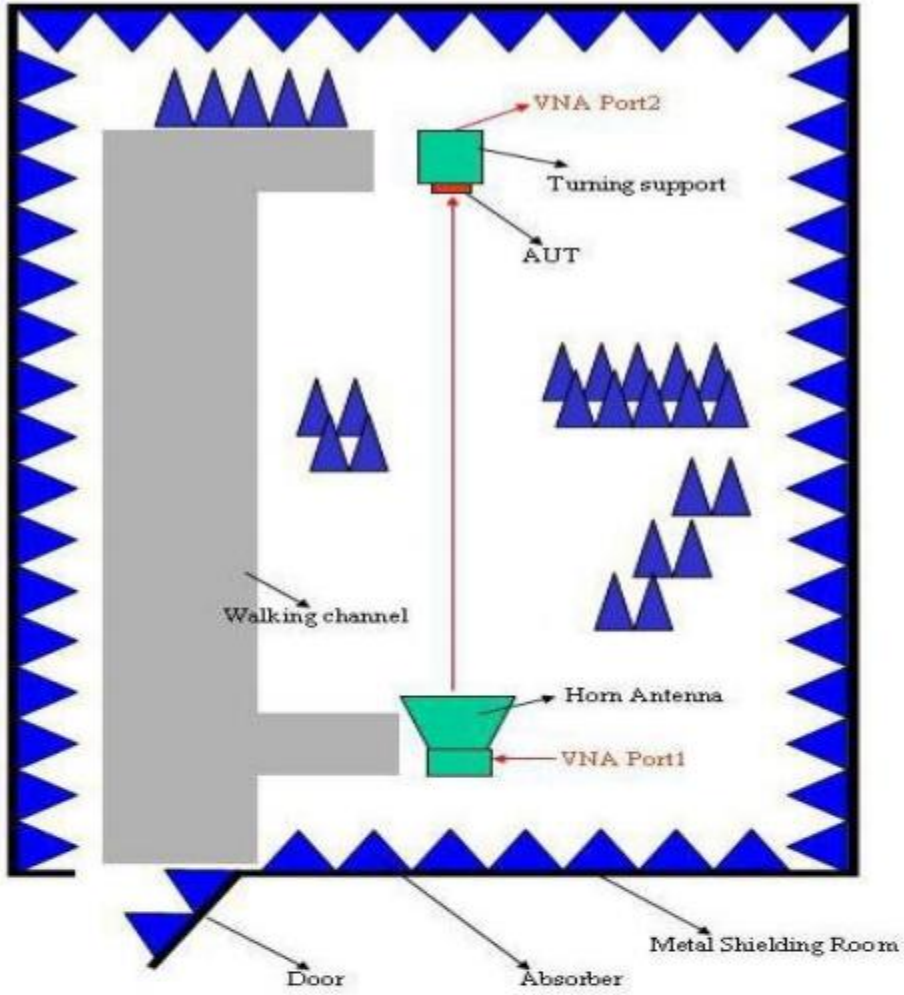
Antenna Gain

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.35	-0.58	1.68	-1.42	1.11	-1.07	6 0.2 %

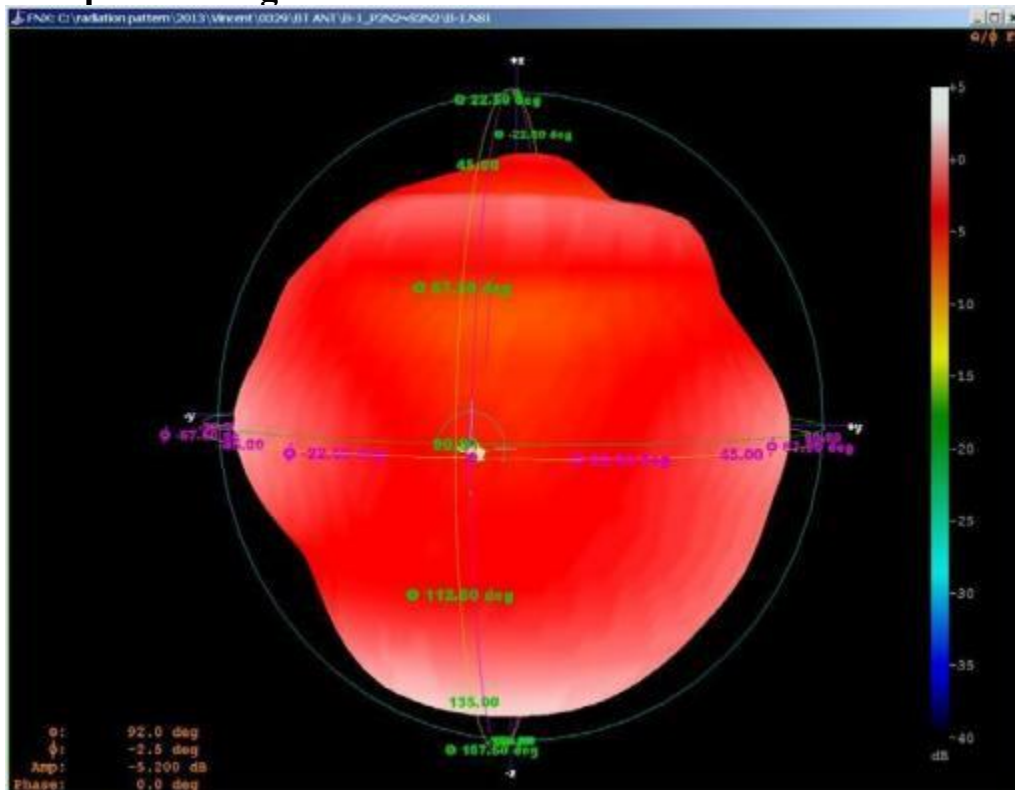
Return Loss



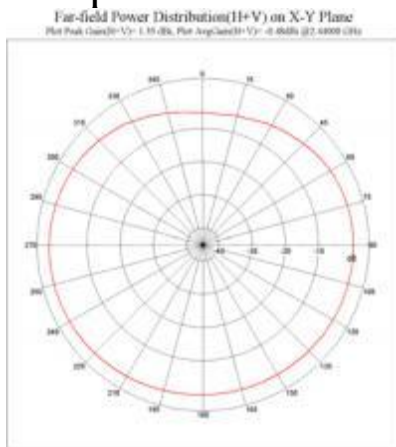
The Environment of Antenna Radiation Pattern



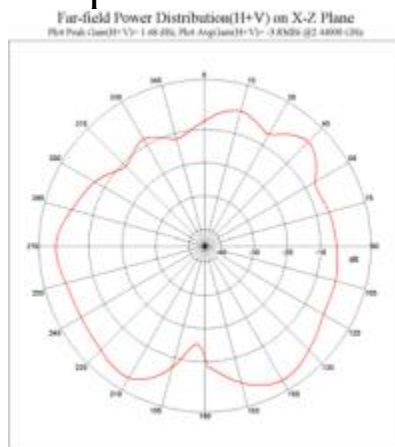
3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

