

Product specification

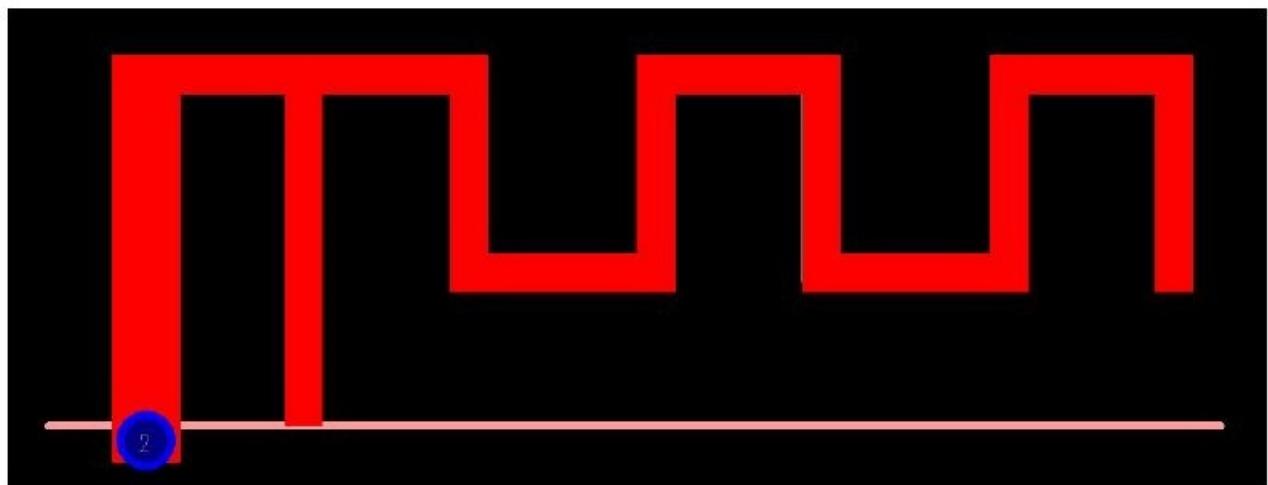
Model name/type: PCB antenna

Antenna Gain: 1.7 dBi

Manufacturer: Jinan Guoji Technology (Zhuhai) Co., Ltd.

No. 8 Qinshi Road, Qinshi Industrial Zone, Sanzao Town, Jinwan District, Zhuhai City, China

Antenna layout on the Module board

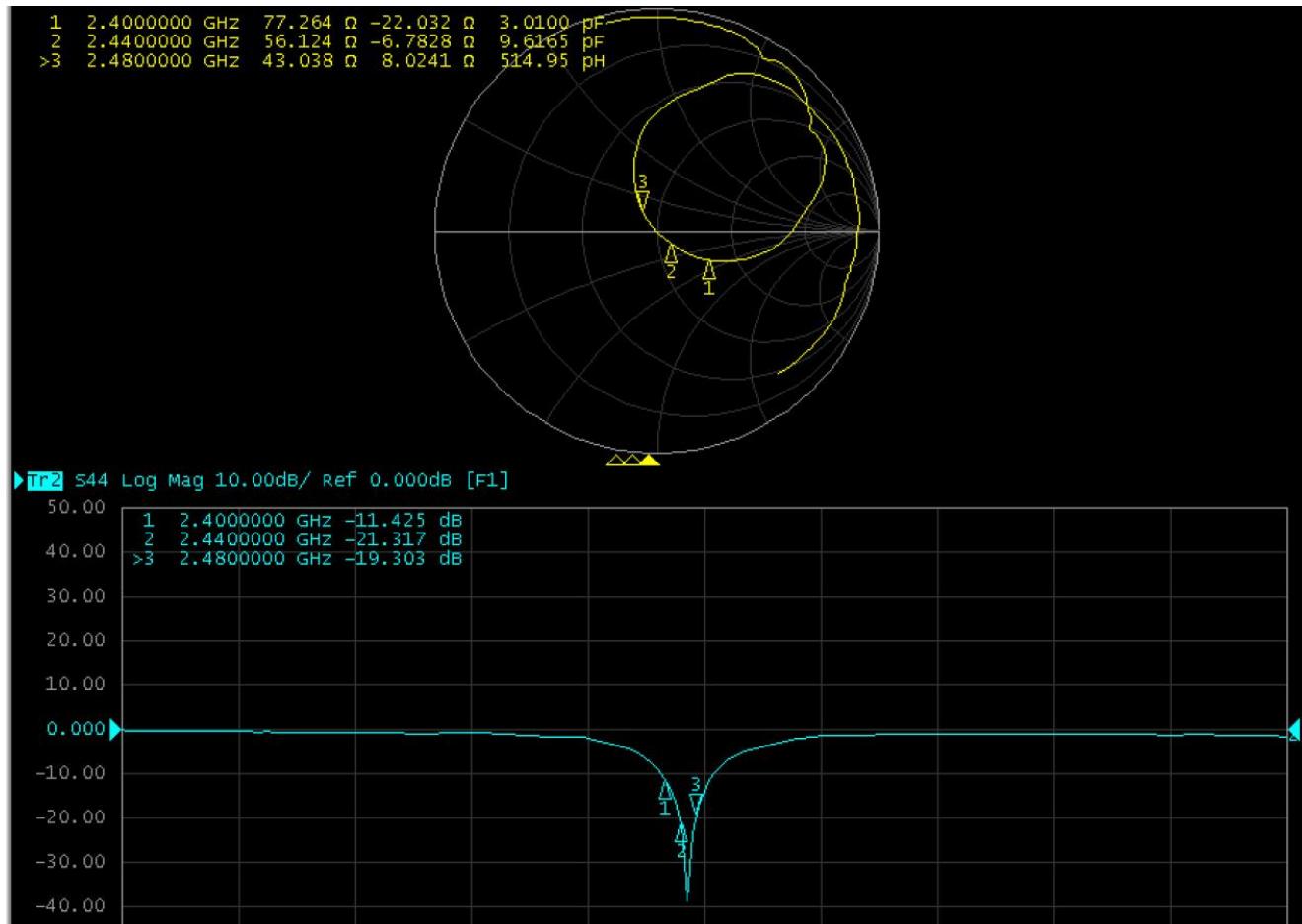


Antenna Gain

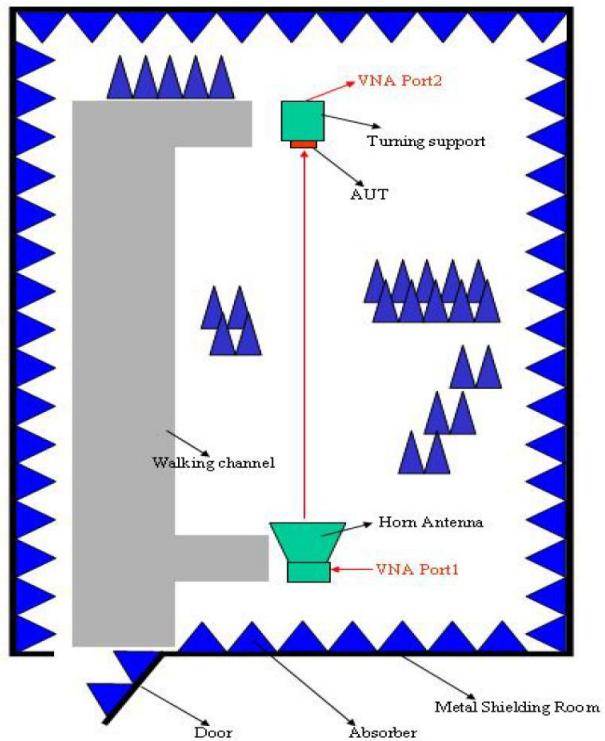
Gain Table

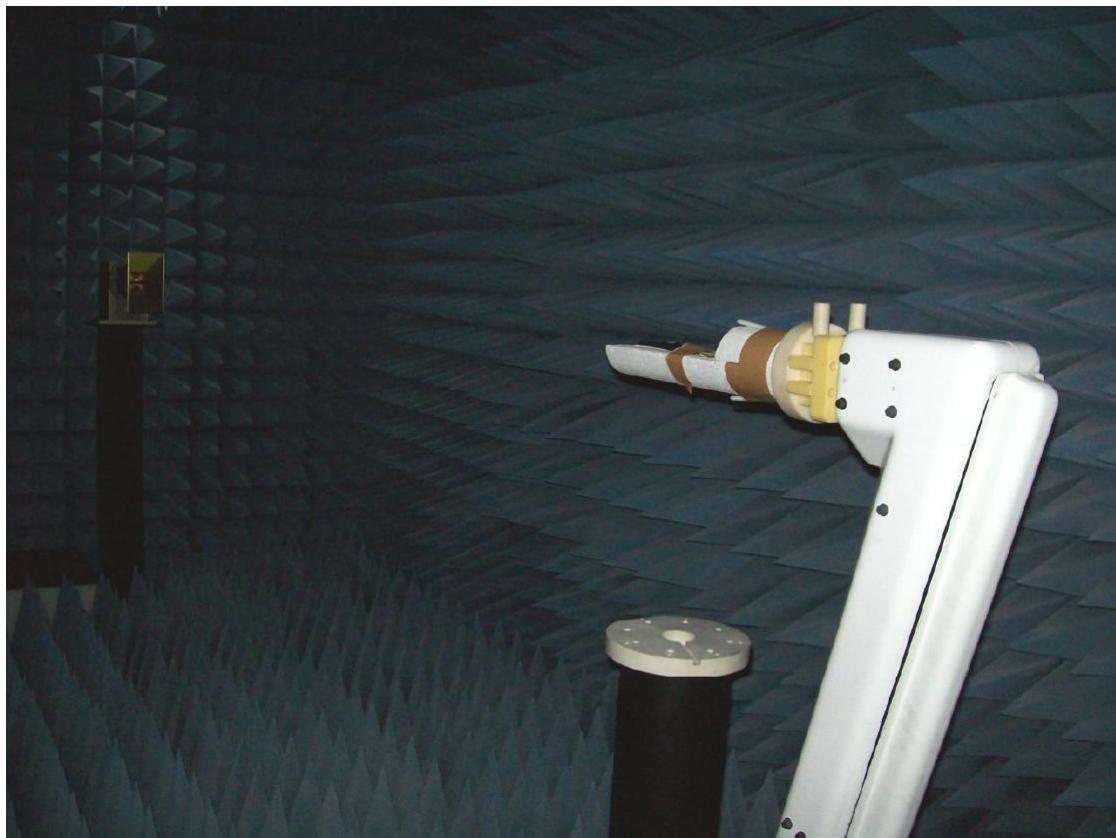
Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module board	1.3	-0.5	1.7	-3.8	1.1	-3.0	58.5%

Return Loss

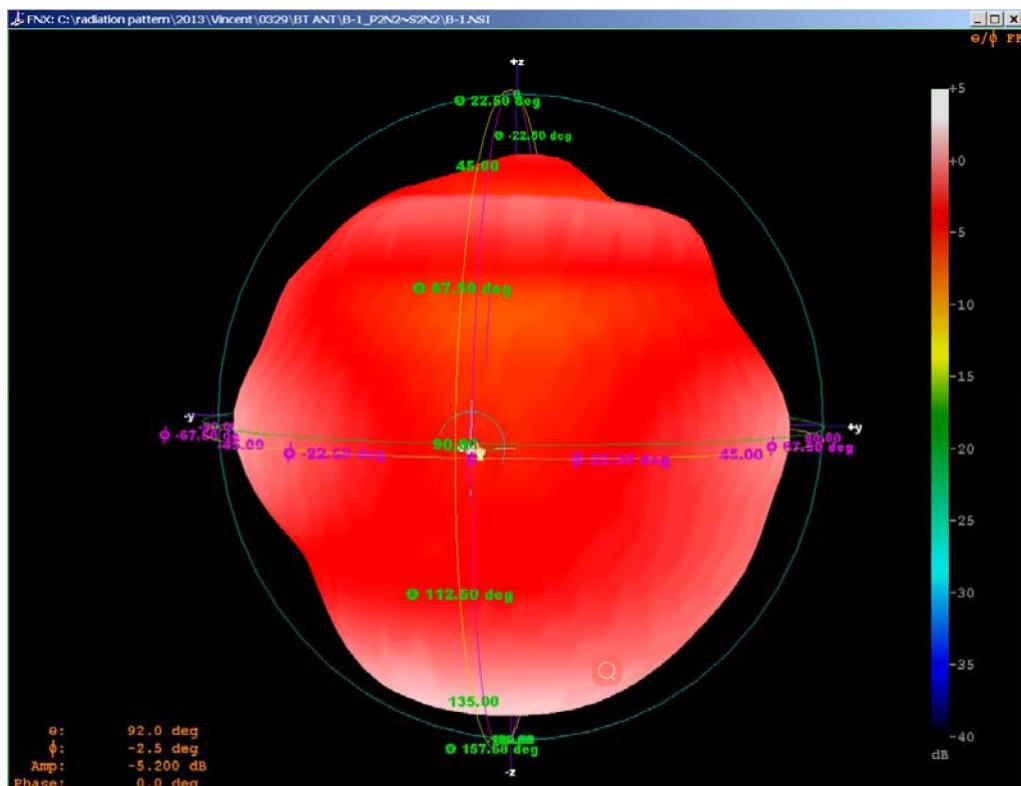


The Environment of Antenna Radiation Pattern





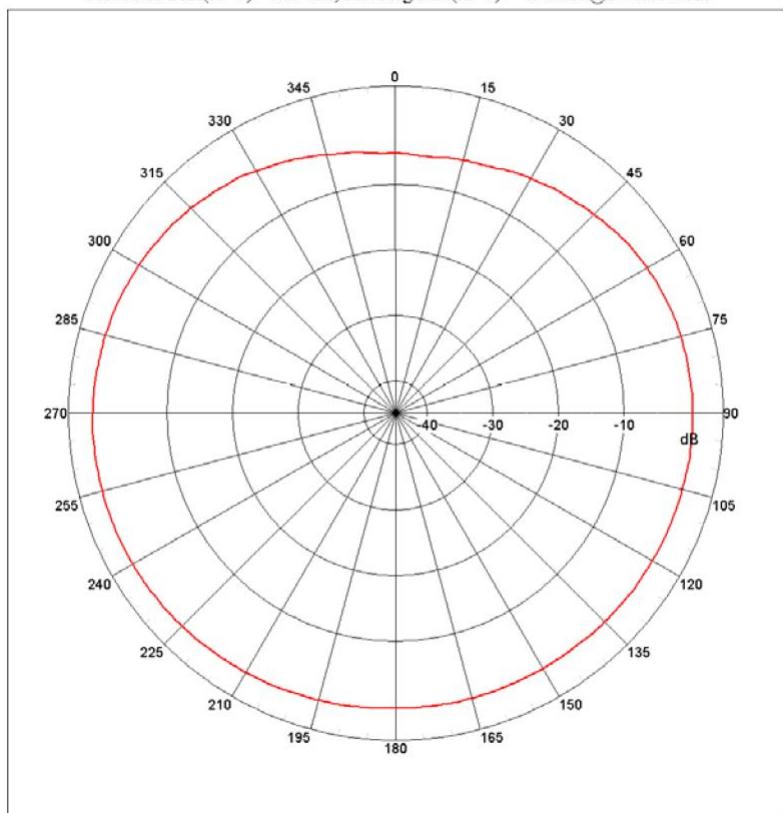
3D radiation pattern diagram



XY-plane

Far-field Power Distribution(H+V) on X-Y Plane

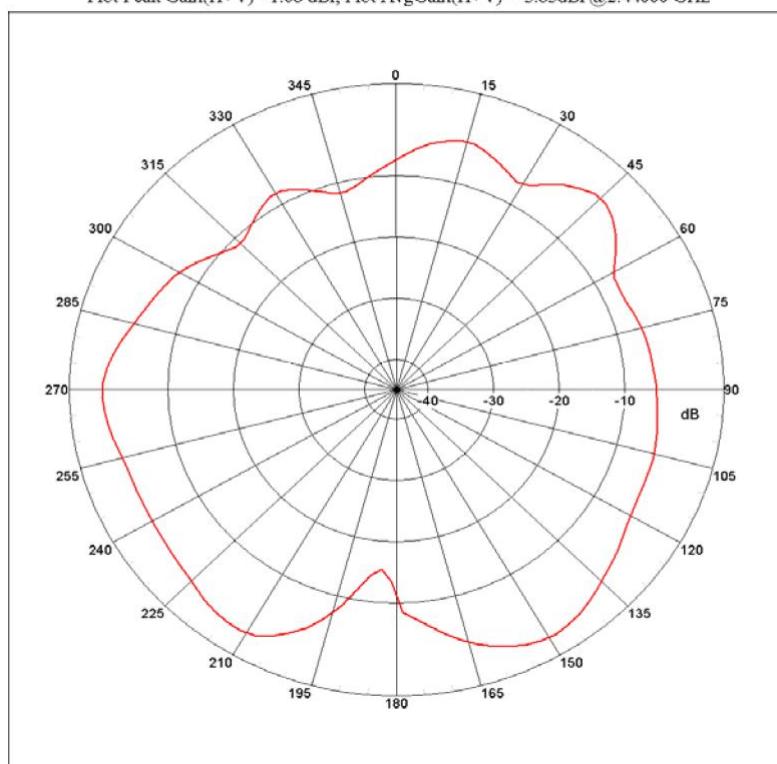
Plot Peak Gain(H+V)= 1.35 dBi; Plot AvgGain(H+V)= -0.48dBi @2.44000 GHz



XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane

Plot Peak Gain(H+V)= 1.68 dBi; Plot AvgGain(H+V)= -3.83dBi @2.44000 GHz



YZ-plane

Far-field Power Distribution(H+V) on Y-Z Plane

Plot Peak Gain(H+V)= 1.11 dBi; Plot AvgGain(H+V)= -2.99dBi @2.44000 GHz

