

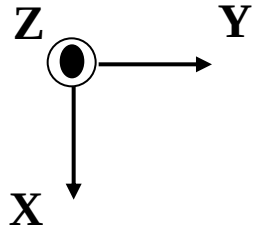
PCB Antenna Simulation

Manufacturer: Huaxiang(Guangzhou)Technology Co.,Ltd.

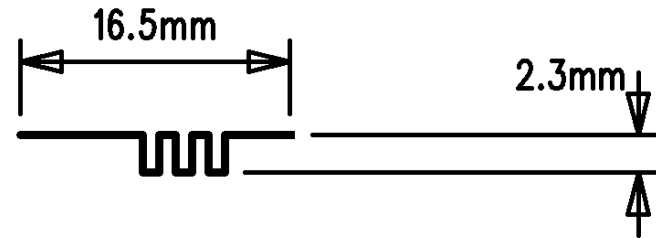
**Address: Floor 2,Building A,Second Industrial Park,TuanjieRoad,Xinya Street,Huadu
District,GuangzhouCity,Guangdong Province**

M/N:GK104

PCB Antenna pattern



ITEM	SPE.
MAX.GAIN	-1dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω
Antenna Length	3.1CM

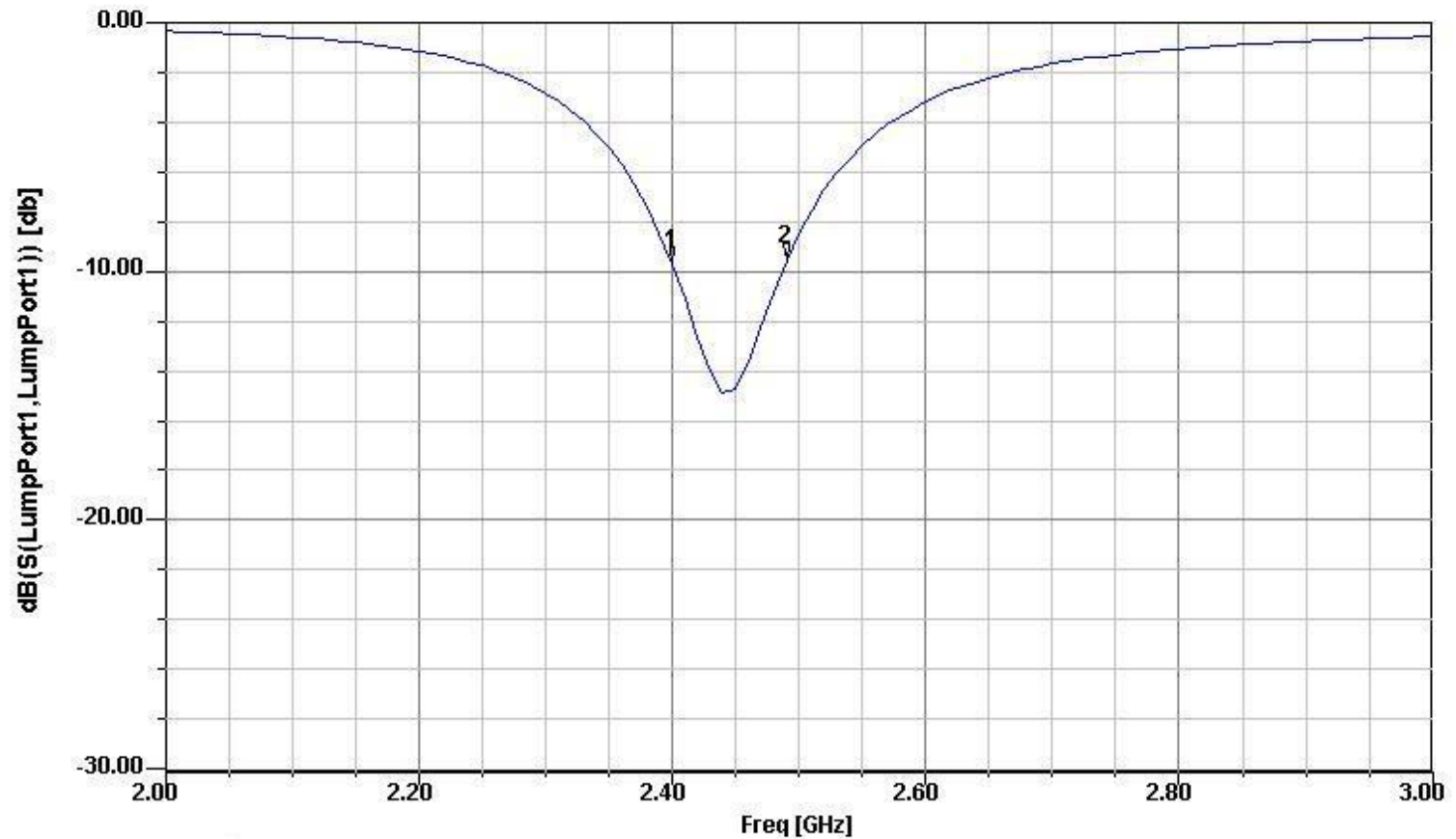


PCB Antenna Simulation

(S11)

Ansoft Corporation
XY Plot 1
HFSSDesign1

BW(RL<10dB) : 90 MHz

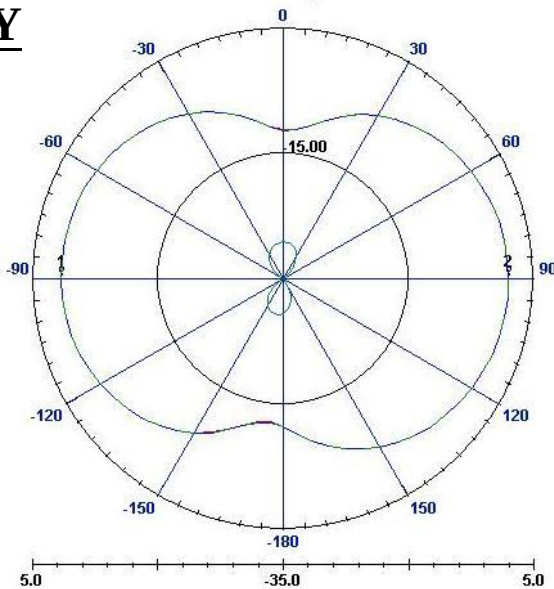


X1= 2.40GHz	X2= 2.49GHz
Y1= -9.70	Y2= -9.58

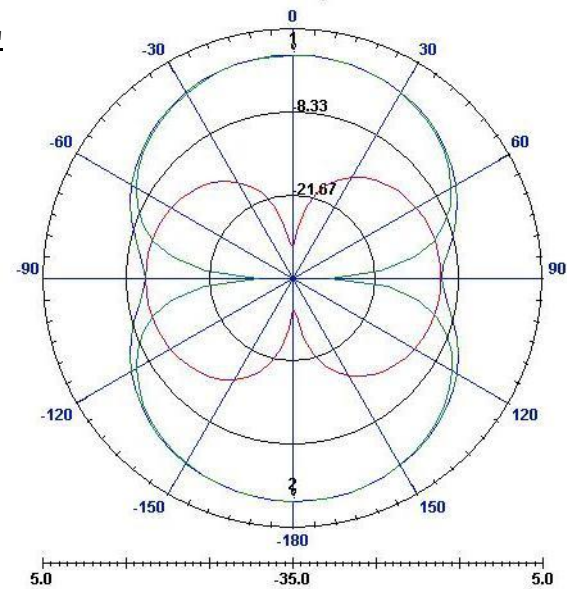
PCB Antenna Simulation

(Radiation)

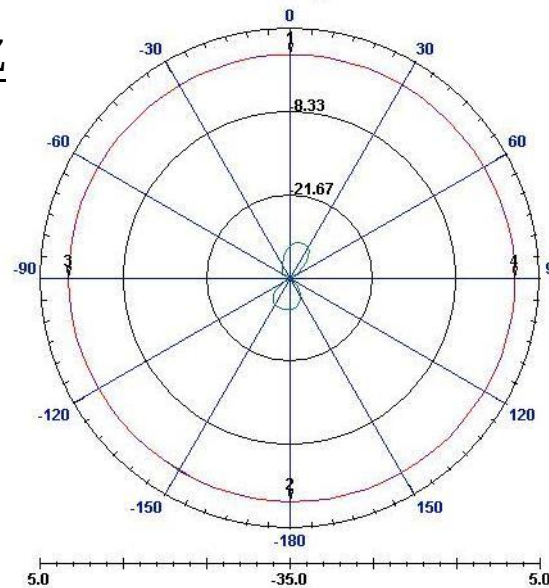
XY



XZ



YZ



Efficiency : 76%

MAX.Gain:-1dBi

Avg. Gain : -1.2 dBi Min. Gain : -30.7 dBi