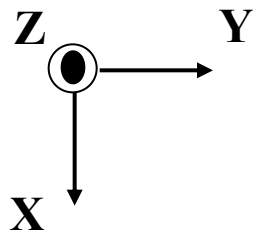


PCB Antenna Simulation

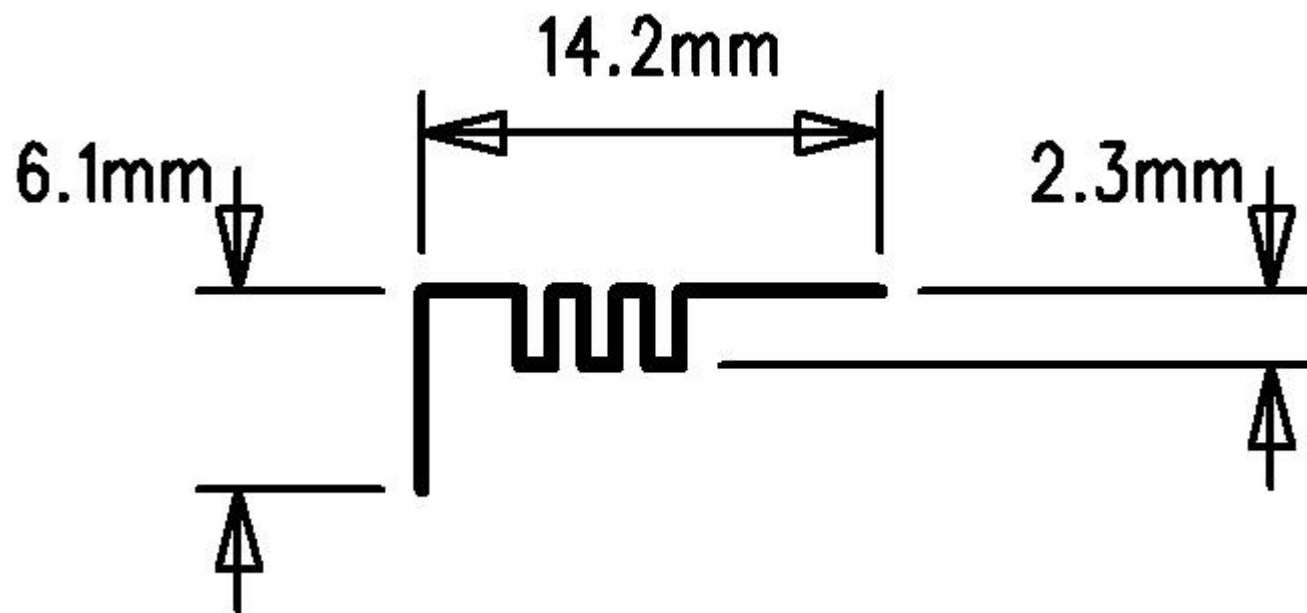
Shenzhen Huayu Hongxin Electronic Technology Co., Ltd.

Room 9031, Huaide Yinshan Building, Beside 107 National Highway, Fuwei Community, Fuyong Sub district,
Bao'an District, Shenzhen, Guangdong, P.R.China

PCB Antenna pattern



尺寸图

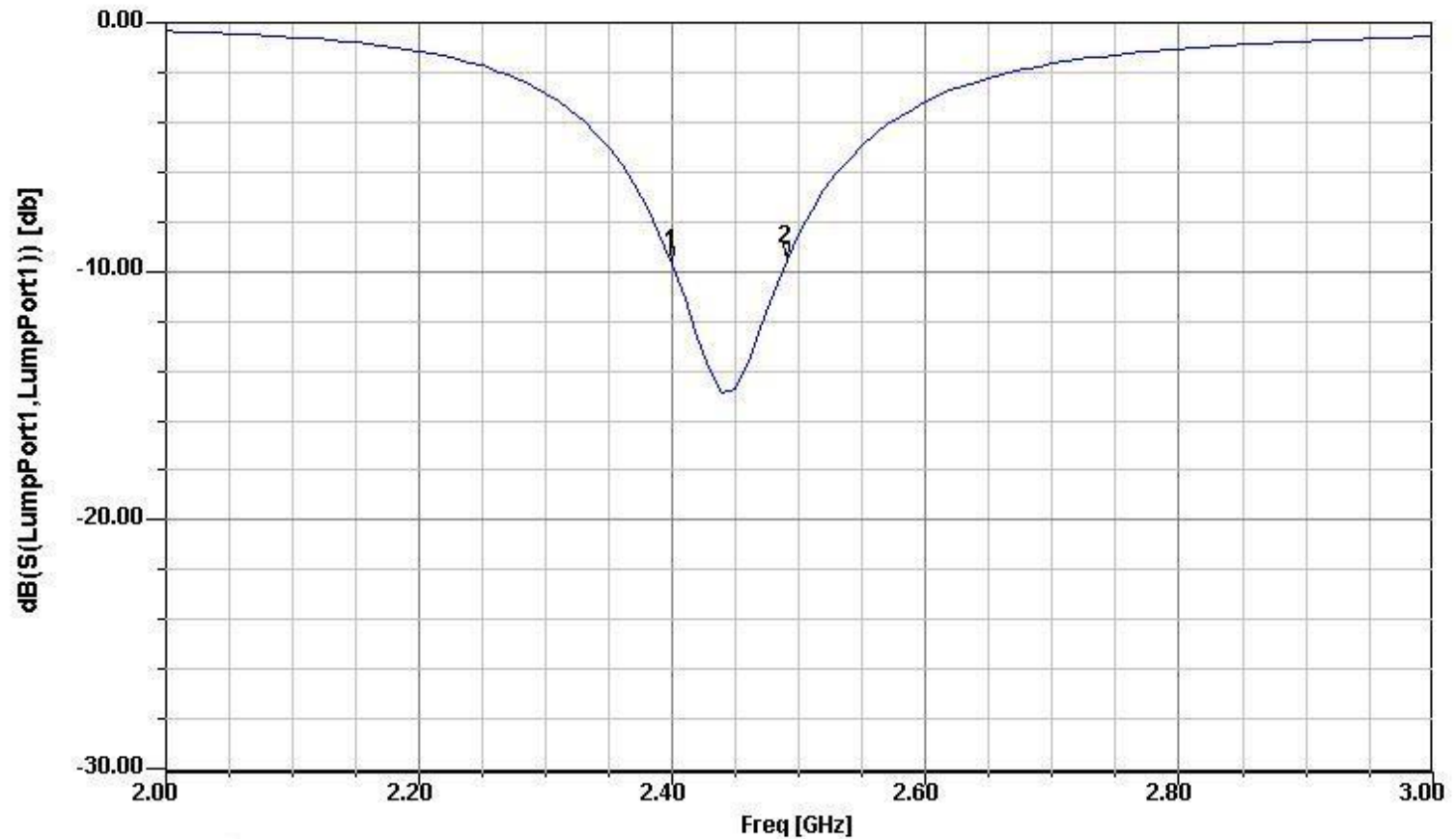


PCB Antenna Simulation

(S11)

Ansoft Corporation
XY Plot 1
HFSSDesign1

BW(RL<10dB): 90 MHz

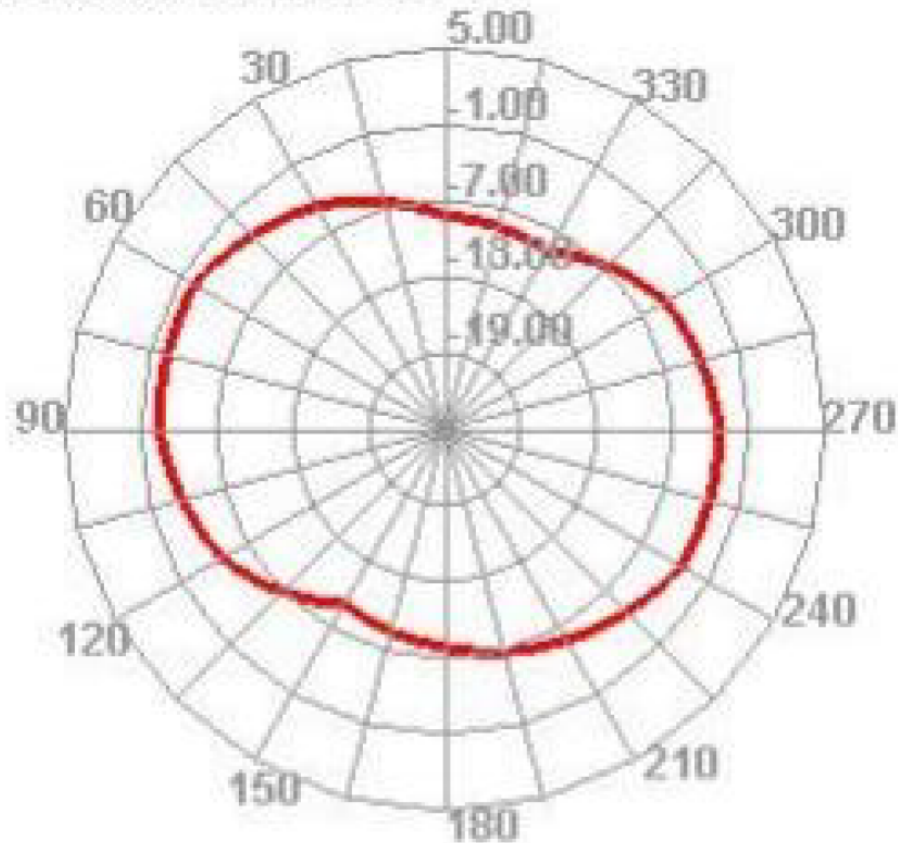


X1= 2.40GHz	X2= 2.49GHz
Y1= -9.70	Y2= -9.58

PCB Antenna Simulation

(Radiation)

2450.000MHz H



Frequency	2400MHz	2450MHz	2500MHz
Gain	-1.8dBi	-1.2dBi	-1.6dBi

Efficiency: 76%

Peak Gain: -1.2 dBi