

Manufacturer: Shenzhen Huaxing Shuangchen Technology Co., Ltd

Address: 2nd Floor, East Side, Building E, Huichao Industrial Zone, Hengnan Road, Xixiang Street, Bao'an District, Shenzhen

Antenna model: **PCB Antenna**

Antenna type: **PCB Antenna**

The antenna structure is the antenna in the complete layout of the Normal Module.

The dimensions of the antenna equipment are shown in the following figure (board size is 22F, board thickness is 1.6MM). If the board thickness and size are inconsistent with this (board thickness and ground area size affect performance).

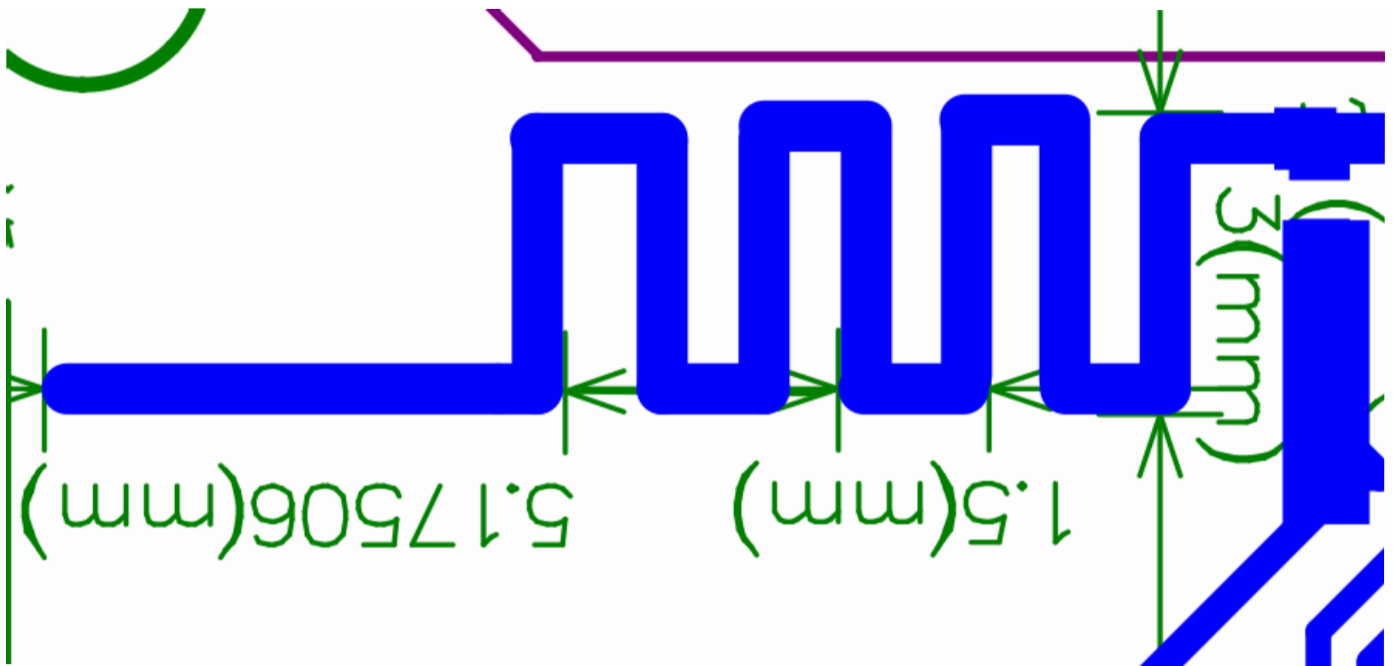


Figure Normal Module antenna

The antenna performance S11 is as follows, with a working frequency range covering the entire 2.4G ISM frequency band.

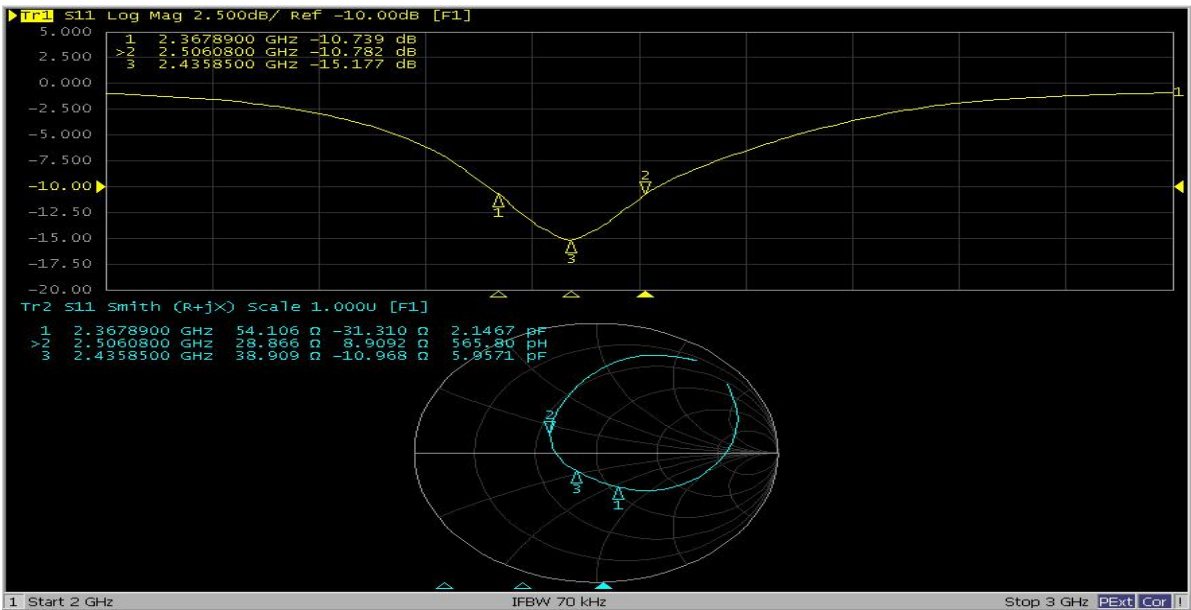
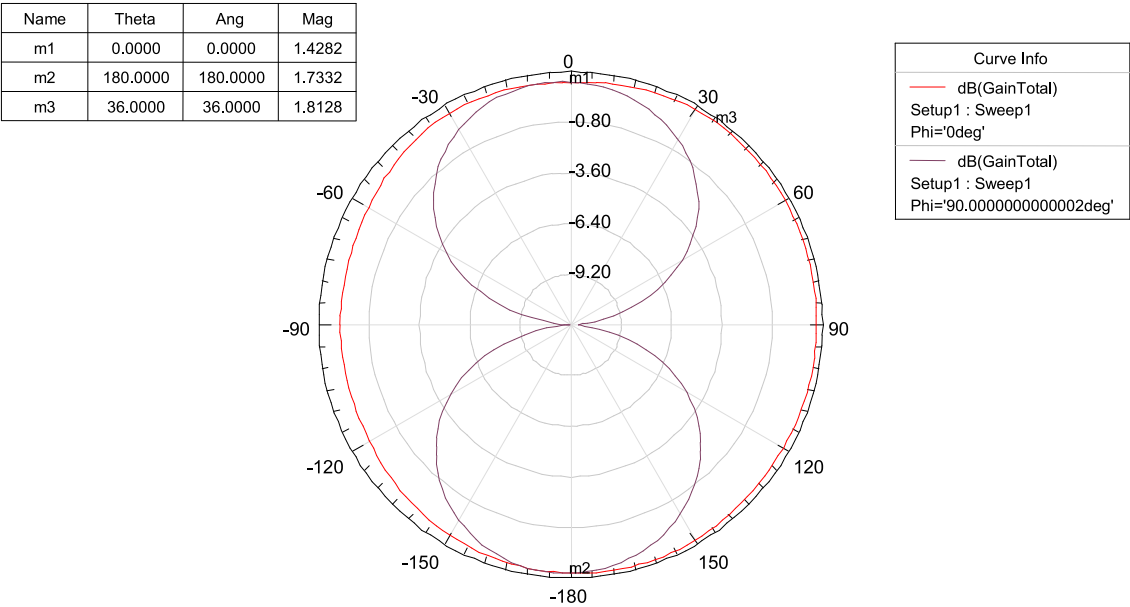


Figure Normal Module antenna S11

The 2D and 3D gains are as follows, with the maximum gain of the antenna reaching around 1.5dB.



Radiation Patterns(GAIN @ 2440MHz)

Plane	XY			XZ			YZ		
Frequency(MHz)	2400	2440	2480	2400	2440	2480	2400	2440	2480
Peak Gain(dBi)	1.70	1.73	1.71	1.79	1.81	1.78	1.71	1.73	1.72

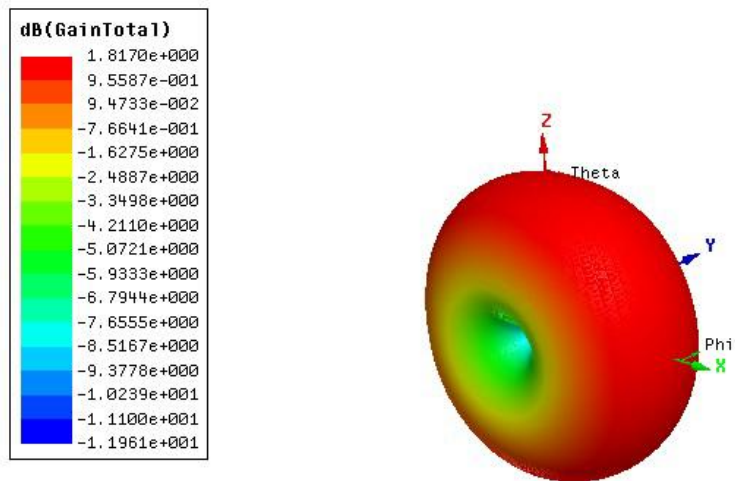


Figure Normal Module Antenna gain