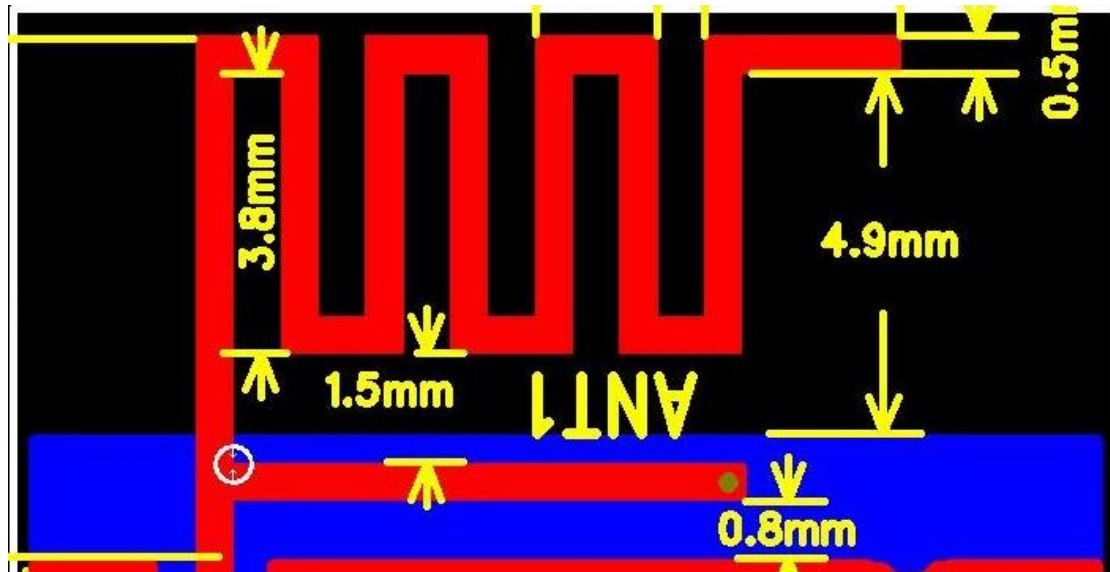


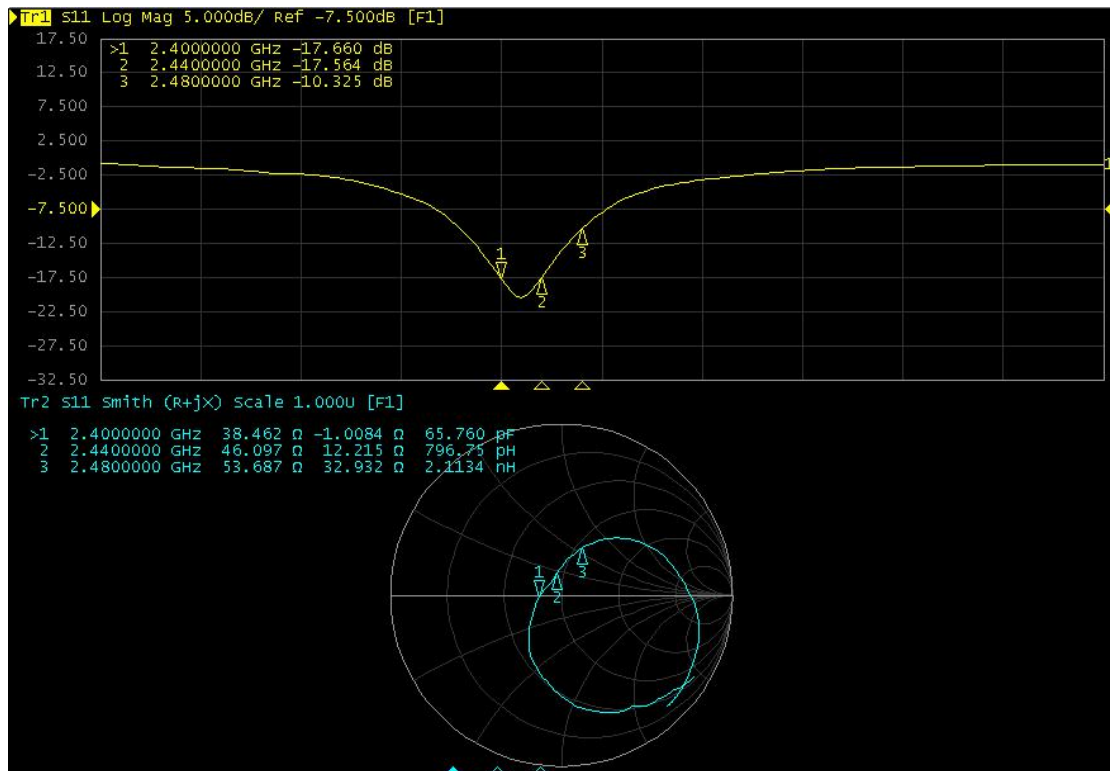
- Normal Module Wigggle antenna design specification:

This Wigggle antenna is used in normal module with whole layout board which size is 13mm*18mm and thickness is 1.0mm (FR4)



3-1 Normal Module Wigggle Antenna

The performance of S11 as blow show and the working frequency band cover 2.4G ISM .

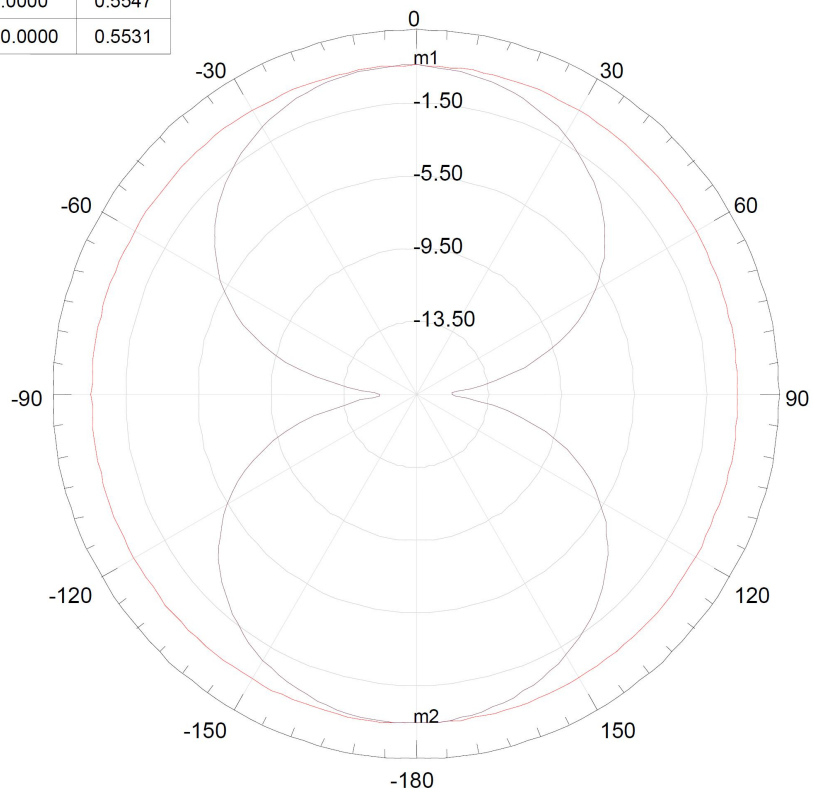


3-2 Normal Module Wigggle S11 performance

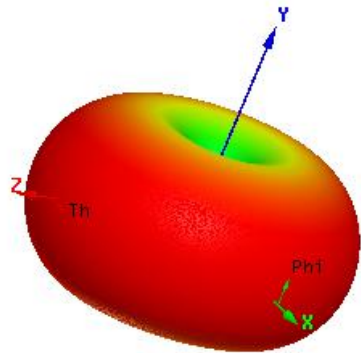
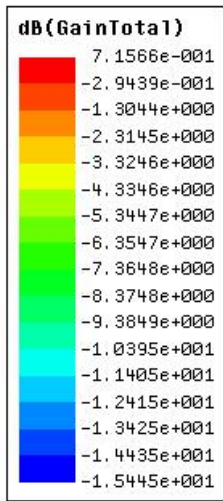
Manufacture's Name :chuanqiang (dongguan) Electronic Technology Co., Ltd

The gain of this antenna 2D and 3D as blow show and the maximum gain is about 1.7dB.

Name	Theta	Ang	Mag
m1	0.0000	0.0000	0.5547
m2	180.0000	180.0000	0.5531



Curve Info
dB(GainTotal)
Setup1 : Sweep1
Phi='0deg'
dB(GainTotal)
Setup1 : Sweep1
Phi='90deg'



3-3 Normal Module Wiggle gain