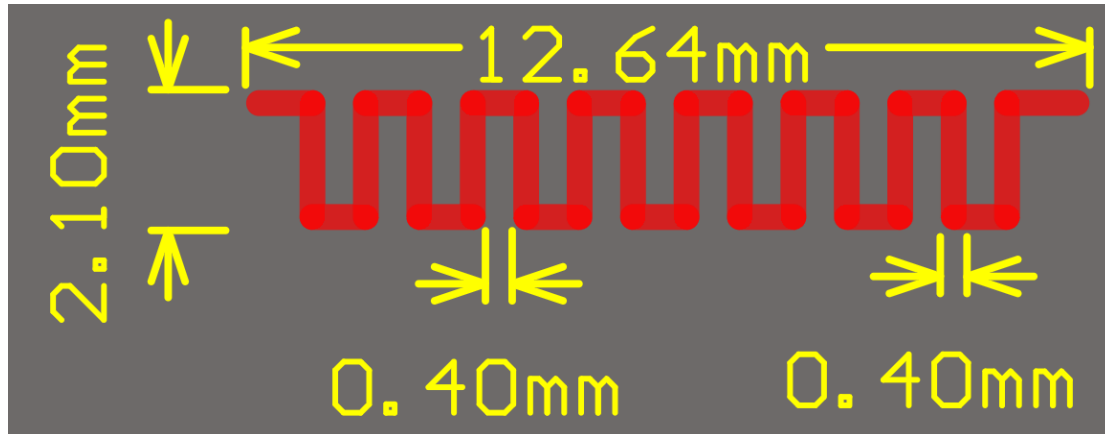


- Normal Dongle PIFA antenna design specification:

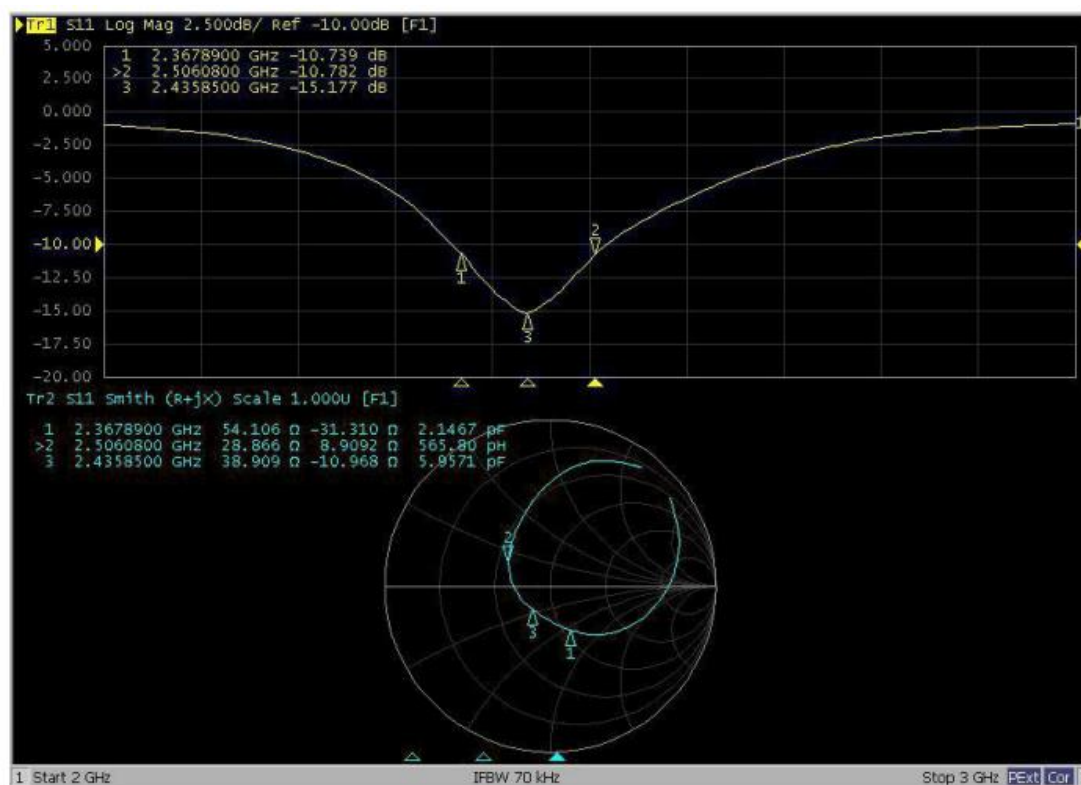
This PIFA antenna is used in normal dongle with whole layout board which size is 12.64mm*2.1mm and thickness is 0.8mm (FR4)



2-1 Normal Dongle PIFA

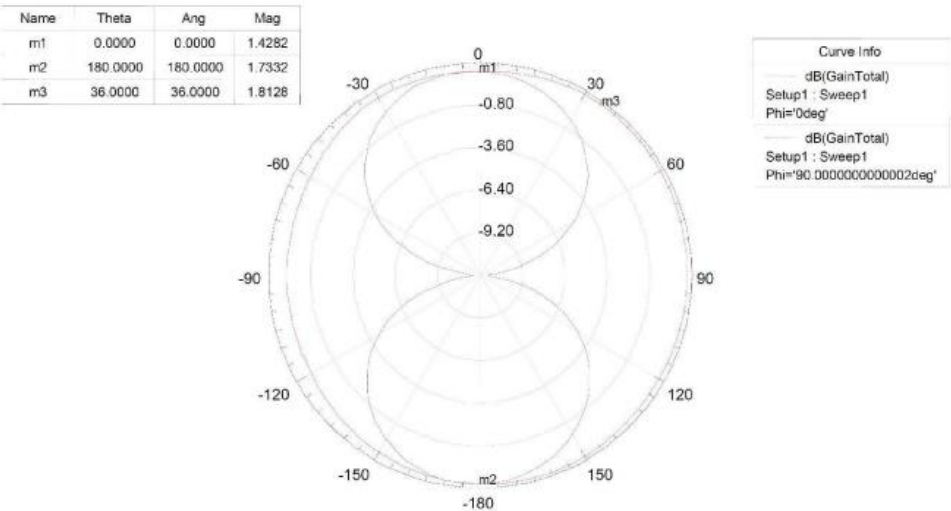
Antenna

The performance of S11 as blow show and the working frequency band cover 2.4G ISM and bandwidth is wider than nano dongle.

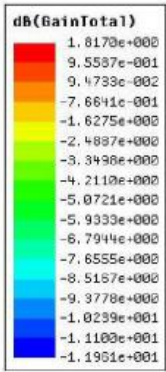


2-2 Normal Dongle PIFA S11 performance

The gain of this antenna 2D and 3D as blow show and the maximum gain is about 1.81dBi.



Fre: 2440MHz



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

2-3 Normal Dongle PIFA gain

Shenzhen Ruijiixin Electronic Technology Co., Ltd.
Address: D222, Jianyi Materials City, Sha'er Community, Shajing Subdistrict, Bao'an District, Shenzhen China