

天线规格书

Antenna Specification

Version: V2.0

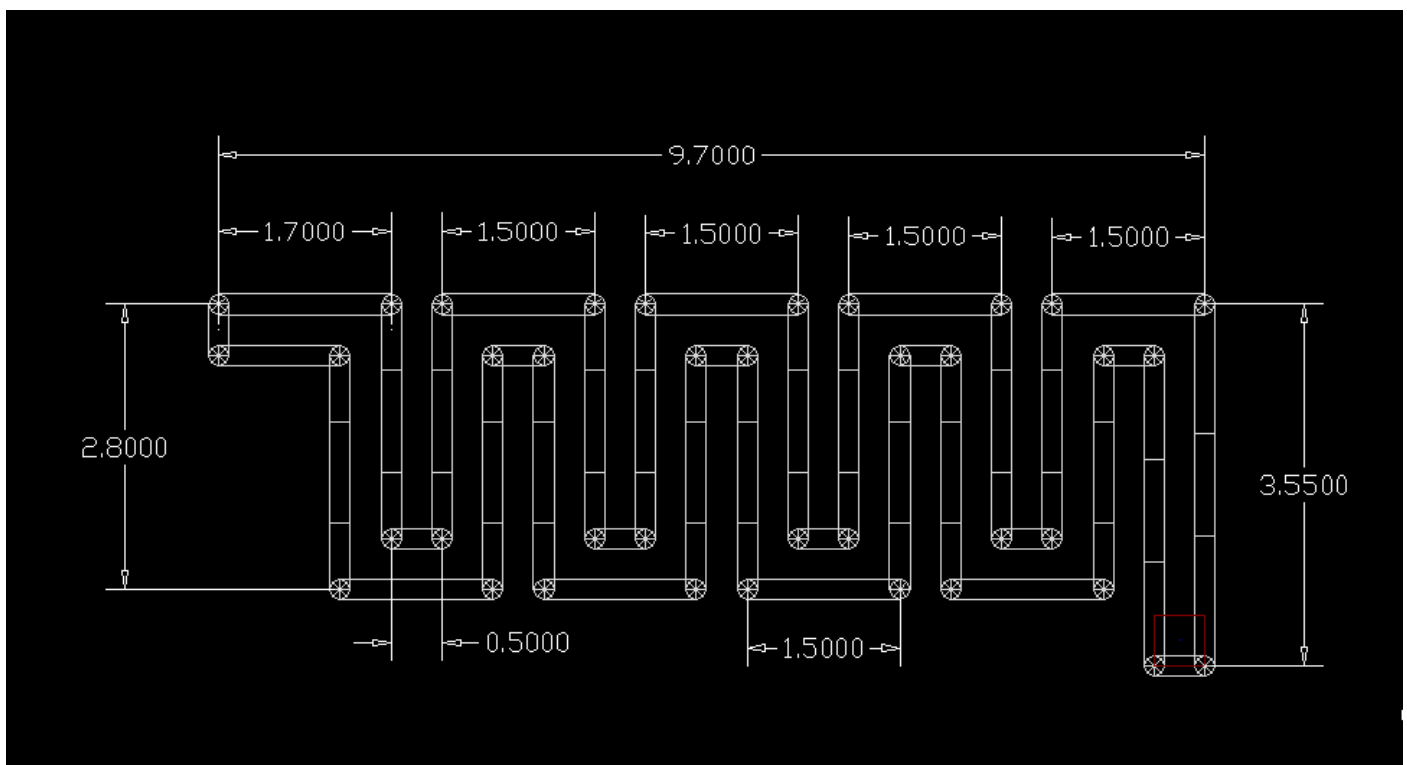
Date: 2020 – 07 – 20

Shenzhen ElinkThings Co., Ltd.

目录

目录	- 2 -
1 、 Antenna Size (Unit: mm)	- 3 -
2 、 Antenna Specification Parameters	- 4 -
3 、 Antenna Network Division Debugging Frequency	- 4 -
4 、 Antenna Efficiency	- 5 -
5 、 2D	- 6 -
6 、 3D	- 7 -

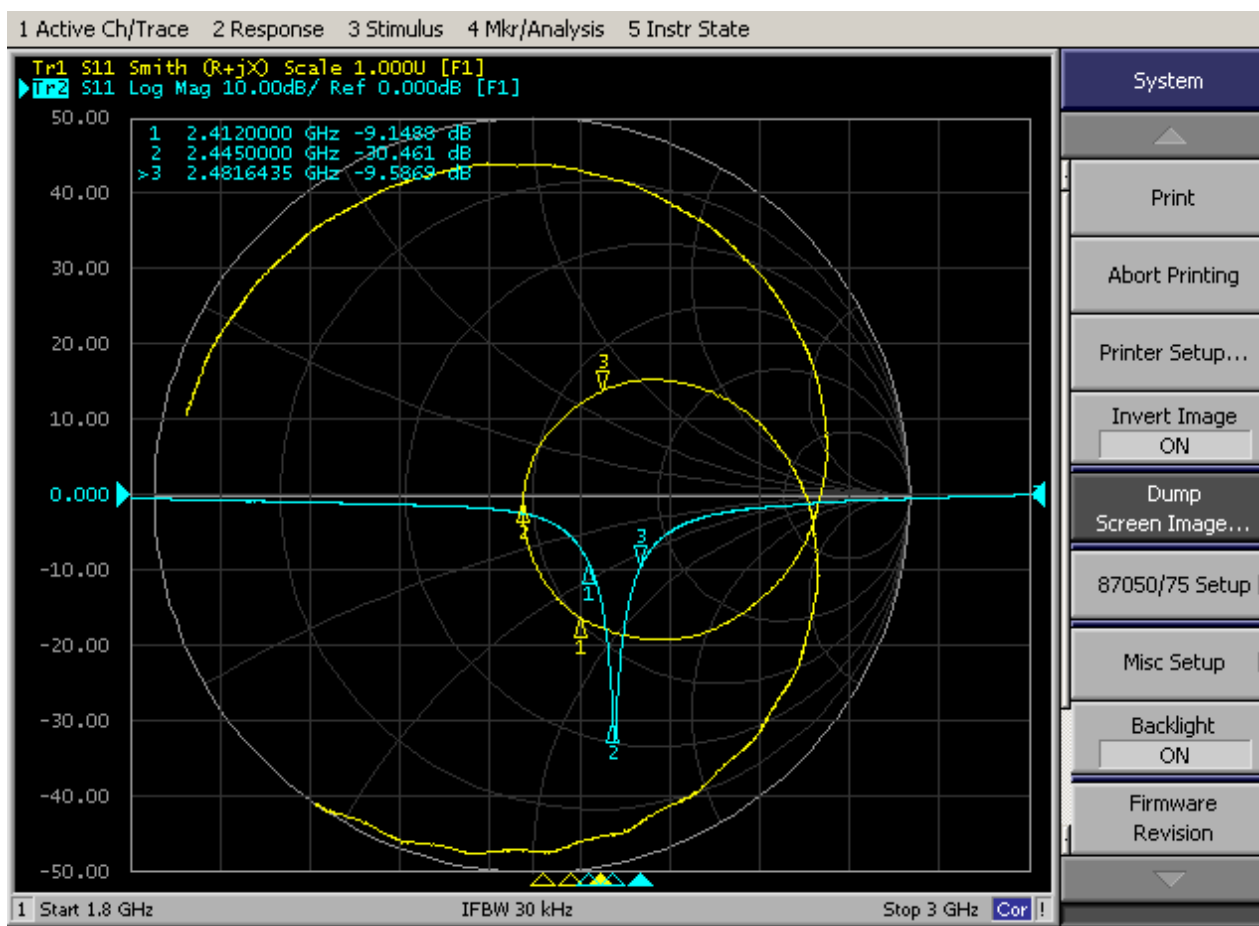
1 、Antenna Size (Unit: mm)



2 、 Antenna Specification Parameters

Serial	Description	
1	Center operating frequency	2441MHz
2	Operating Bandwidth	2408---2480Mhz
3	Transmission Rate	1Mbps,2Mbps
4	Antenna Type	PCB
5	Antenna Gain	-1.08dBi
6	Impedance	50ohm
7	Modulation	GFSK

3 、 Antenna Network Division Debugging Frequency

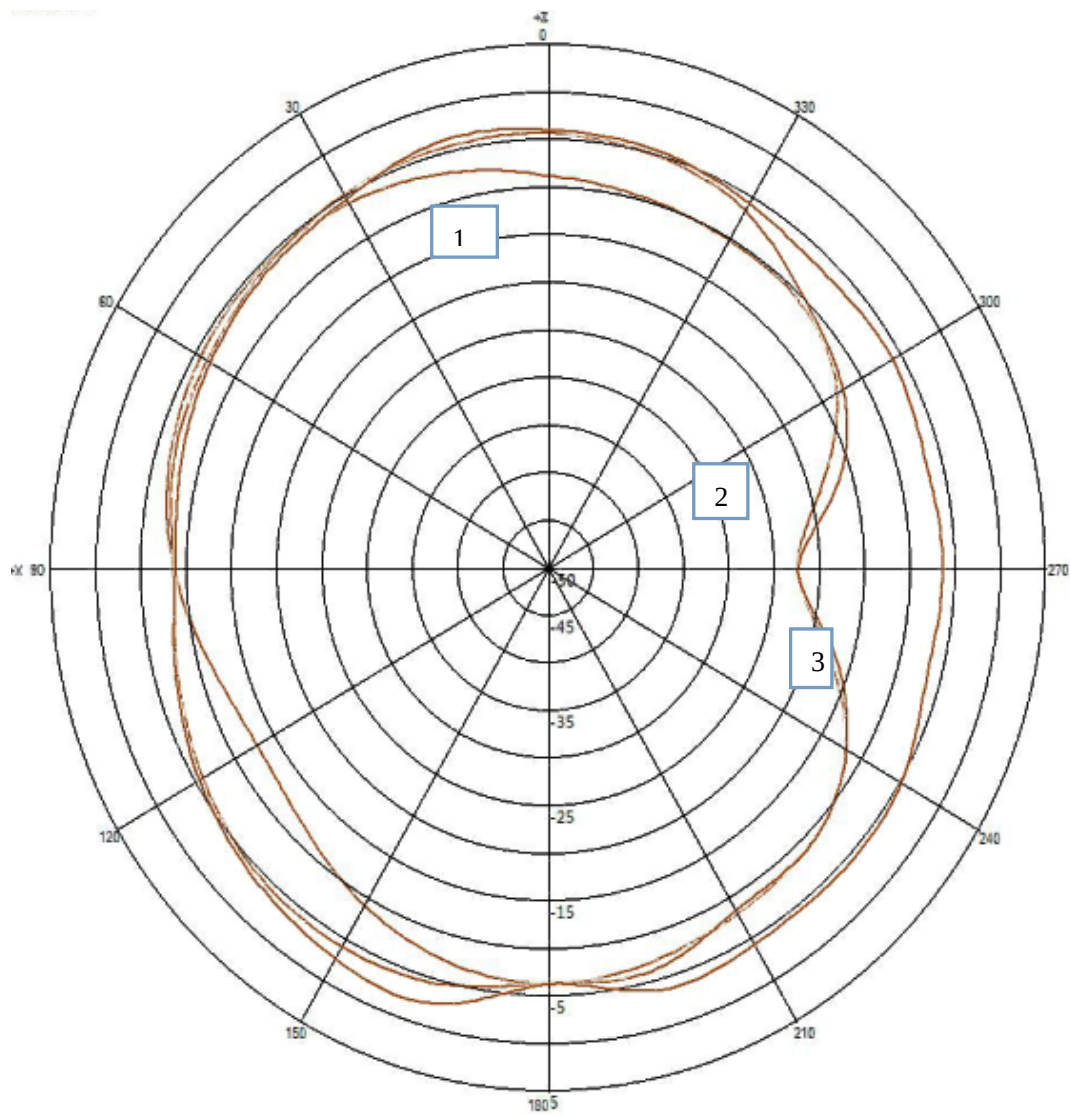


4 、 Antenna Efficiency

passive test for 2.4g			
Freq (MHz)	Gain(dB)	Efficiency(dB)	Efficiency(%)
2400	-2.125670268	-6.512982178	22.32039018
2410	-1.839793728	-6.350555158	23.17098436
2420	-1.64029678	-6.246810655	23.7311582
2430	-1.328848956	-5.925152964	25.5555189
2440	-1.132319256	-5.799553085	26.30538676
2450	-1.087960046	-5.849299265	26.00579133
2460	-1.316358881	-6.006721723	25.08001707
2470	-1.579335991	-6.245067499	23.74068524
2480	-1.962892418	-6.454212193	22.62448909
2490	-2.50538583	-6.753449407	21.11811056
2500	-3.031894388	-7.252236224	18.8267943

5 、 2D

- (1) XY-Plane
- (2) ZY-Plane
- (3) ZX-Plane



6 、 3D

