

Antenna Describe

1: Antenna Describe

Antenna	Internal Antenna
Antenna Gain	1.5dBi
Frequency Range	2.4Ghz-2.5Ghz
Connector Type	Direct
Location of mearement(company name)	SHENZHENSHIXINZHONGXIN TECHNOLOGY.CO.,LTD

2: External View Drawing

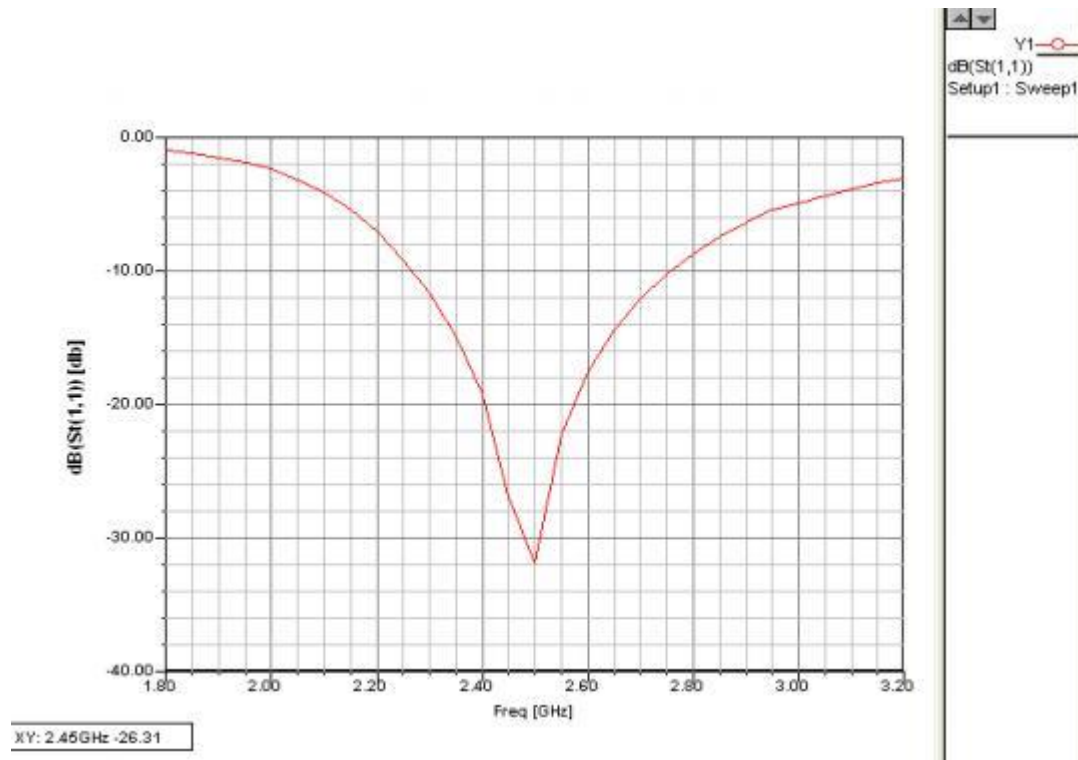
Picture of antenna



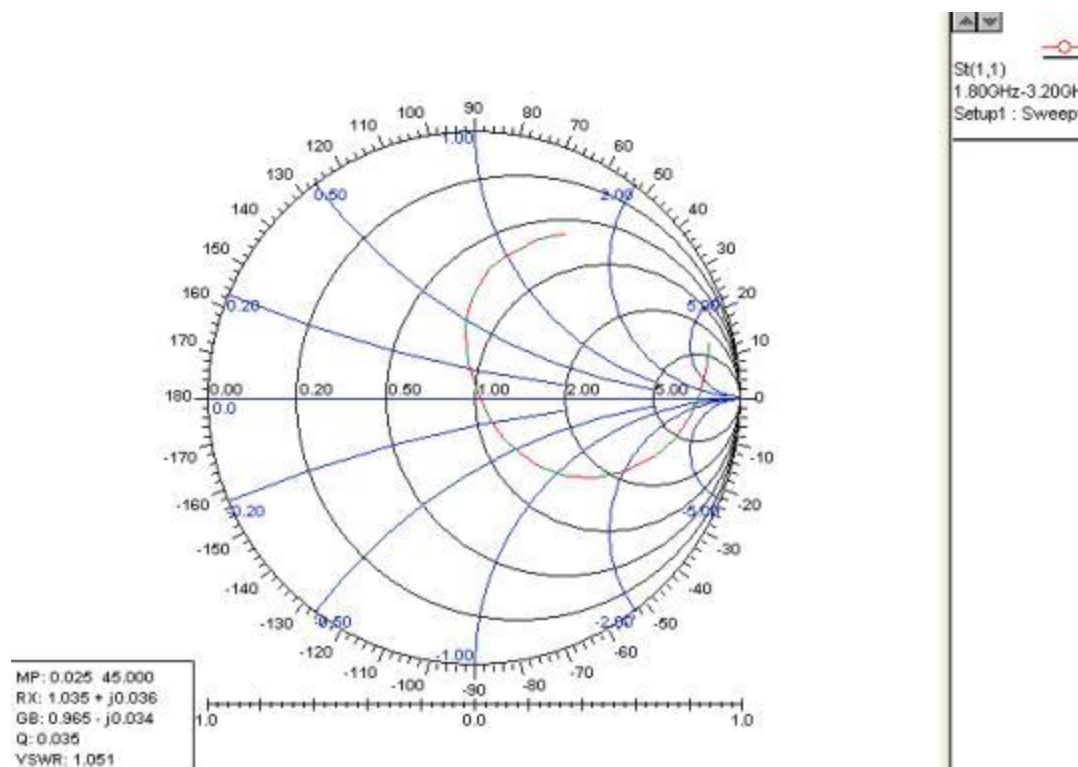
120mm long, 22 wire single 2P electron wire. UL1007-20# White wire bend 10MM (outer heat shrink tube 16MM). One end leaks 2mm tin

3: Measurement Result

3.1 Return Loss (S11)



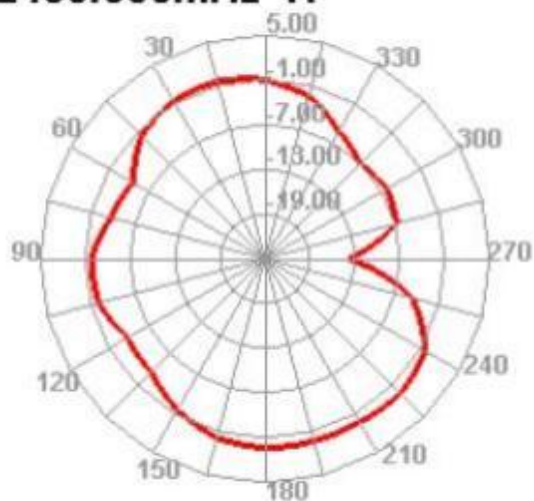
3.2 Smith Chart



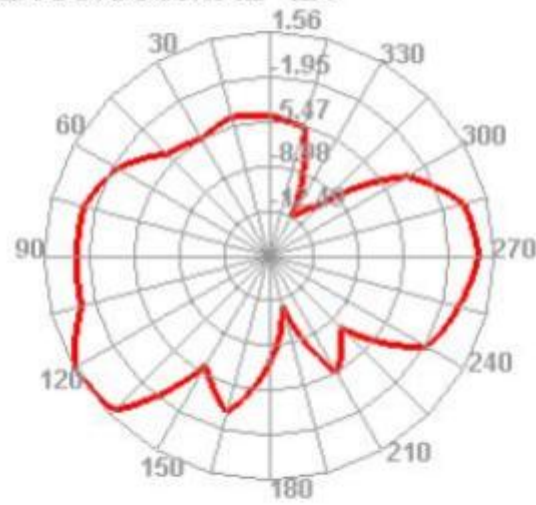
3.3 Gain

Gain&Efficiency			
frequency (M H z)	gain (d B)	efficiency (d B)	efficiency (%)
2400	1.50	-4.27	37.43
2410	0.75	-4.71	33.8
2420	1.12	-4.69	33.93
2430	0.85	-5.01	31.54
2440	0	-5.27	29.72
2450	0.24	-5.32	29.36
2460	0	-5.55	27.88
2470	-0.32	-5.49	28.27
2480	0.03	-5.37	29.02
2490	-0.3	-5.64	27.26
2500	-0.06	-5.34	29.26

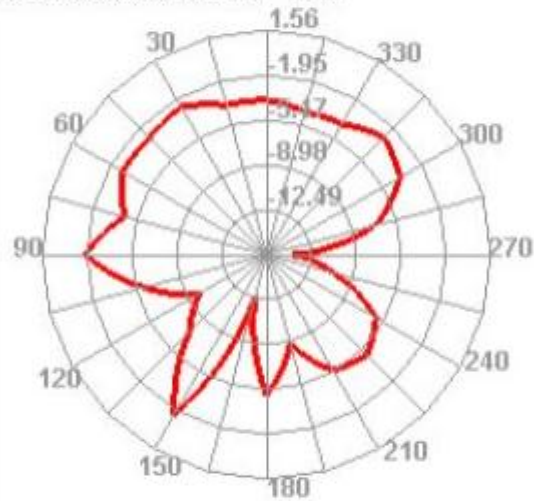
2400.000MHz H



2400.000MHz E1



2400.000MHz E2



2450.000MHz H

