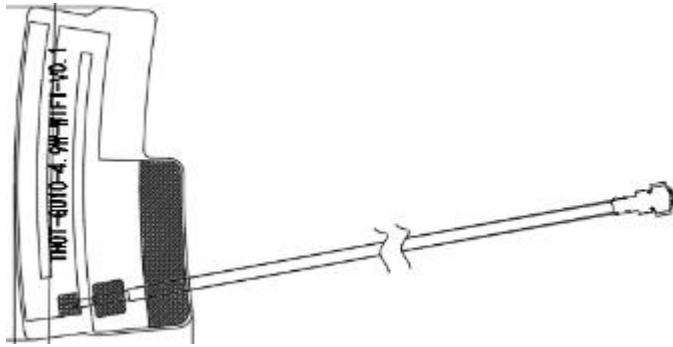


1. Antenna Information

Product Model	LB-L03D, LB-L03E
Antenna Model	L-4.9W-Thread
Antenna Type	FPC
Manufacturer	Shenzhen Yusheng Communication Equipment Co., LTD

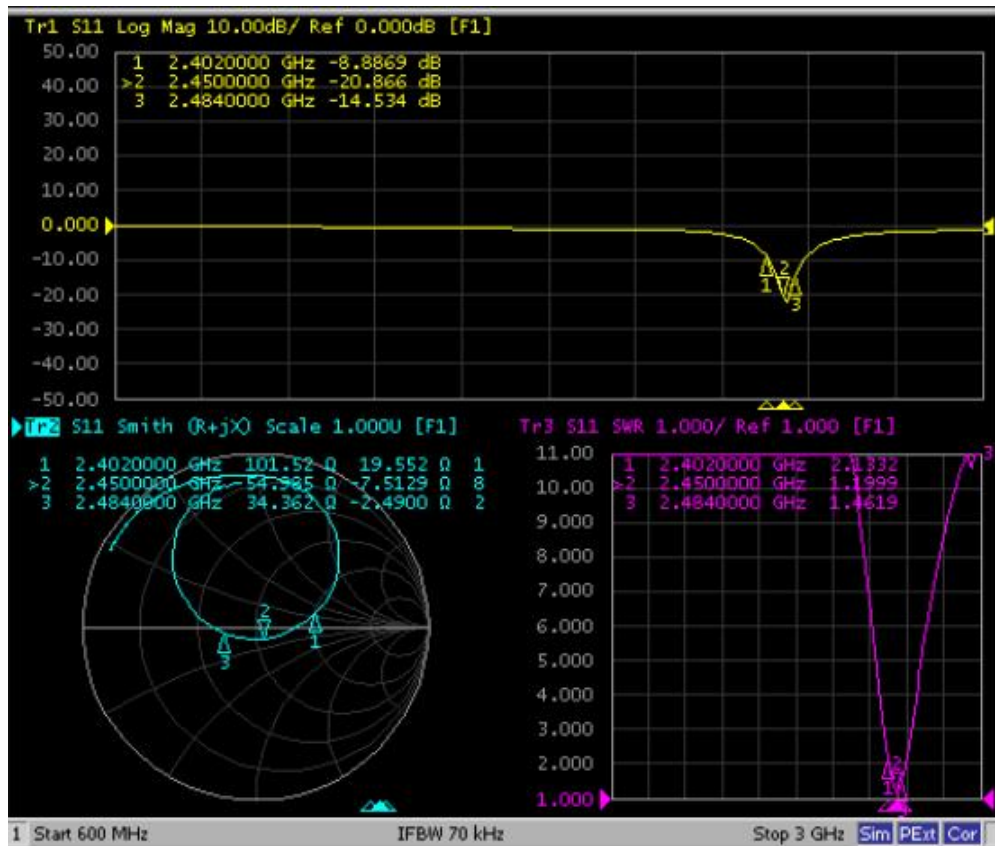
2. Antenna Picture



3. Electrical Specification

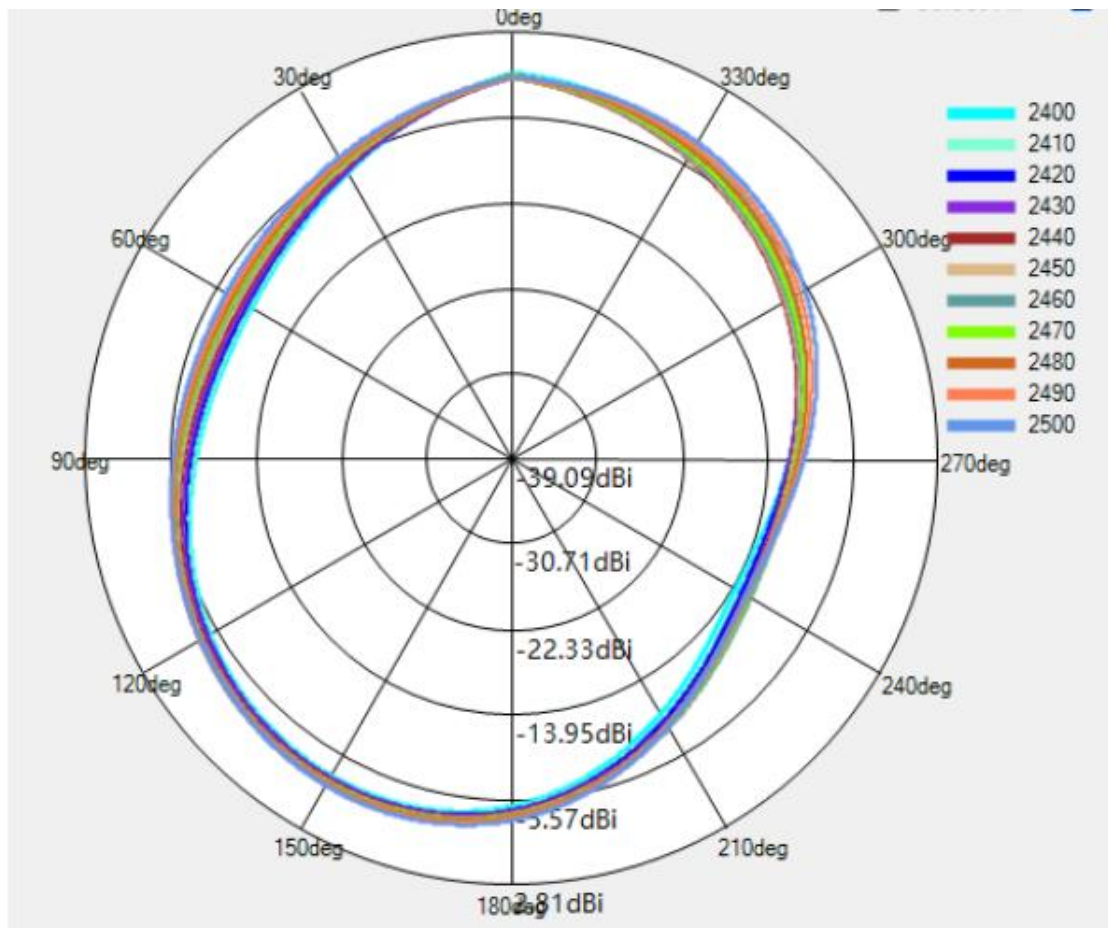
Frequency Range	2400MHZ-2500 MHZ
Bandwidth	100MHz
Input Impedence	50Ω
S11	≤-10 dB
Peak Gain	1.78dBi

4. Antenna S11

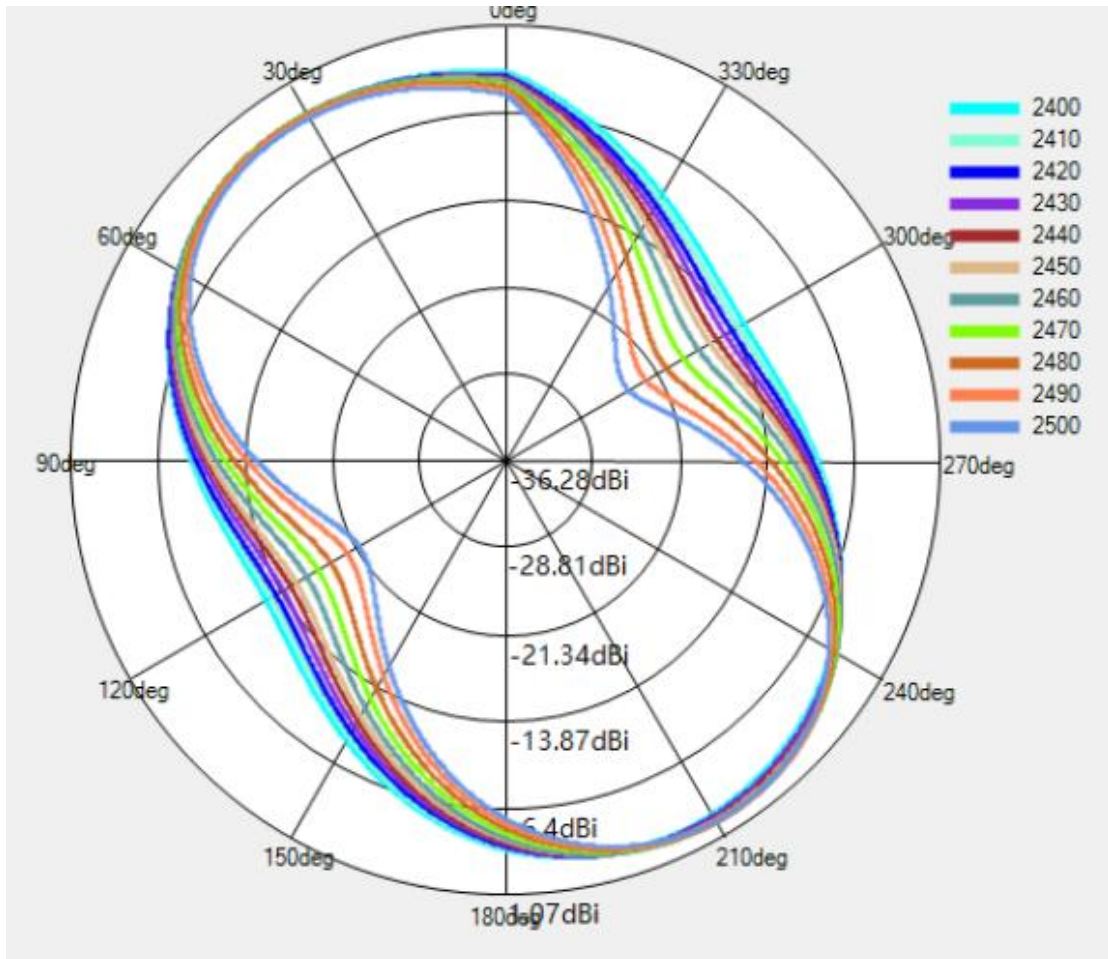


5. Radiat

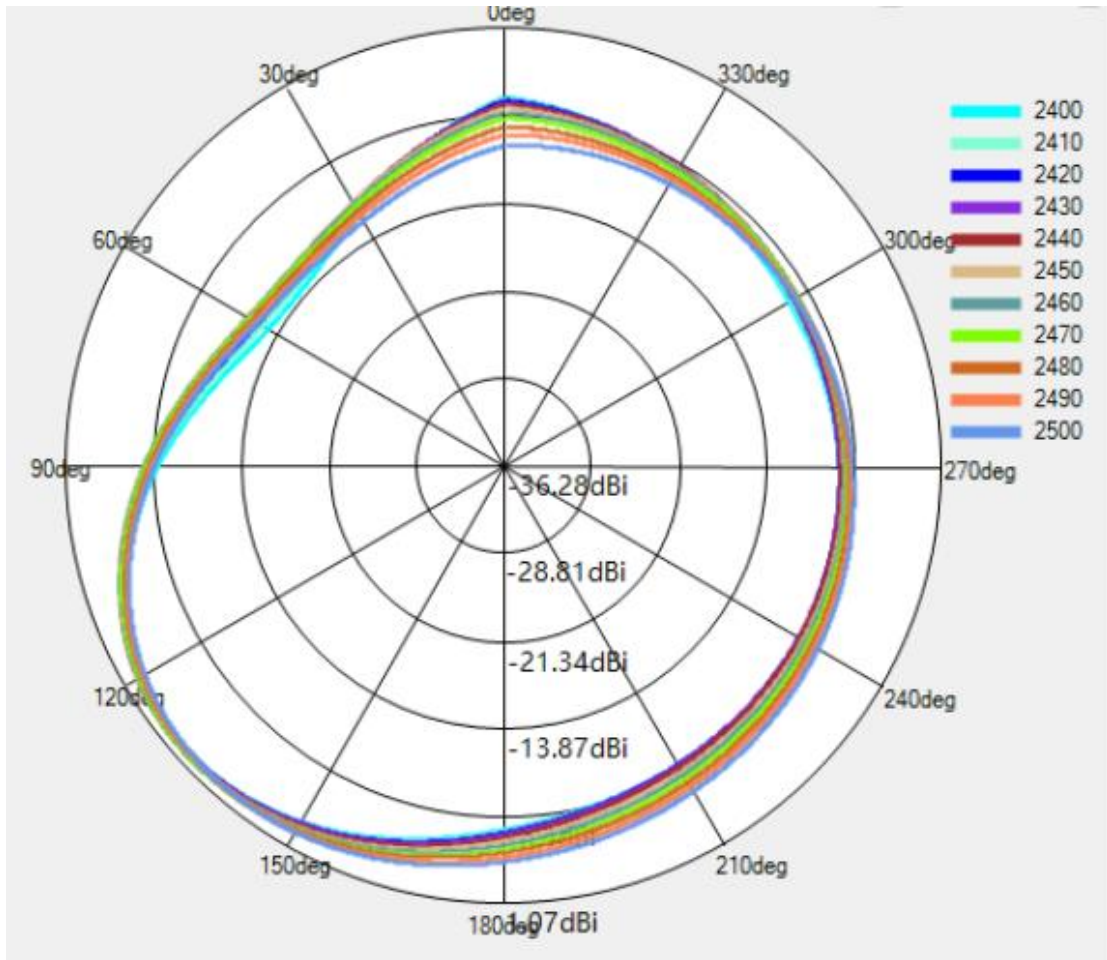
H Theta=90



V Phi=0



V Phi=90



6. Test Results

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
1	2400	0.23	-4.87	32.6
2	2410	0.28	-4.76	33.4
3	2420	0.47	-4.61	34.6
4	2430	0.55	-4.53	35.2
5	2440	0.77	-4.46	35.8
6	2450	0.79	-4.41	36.2
7	2460	1.19	-4.35	36.7
8	2470	0.80	-4.47	35.7
9	2480	1.47	-4.65	34.3
10	2490	1.73	-4.71	33.8
11	2500	1.78	-4.78	33.3