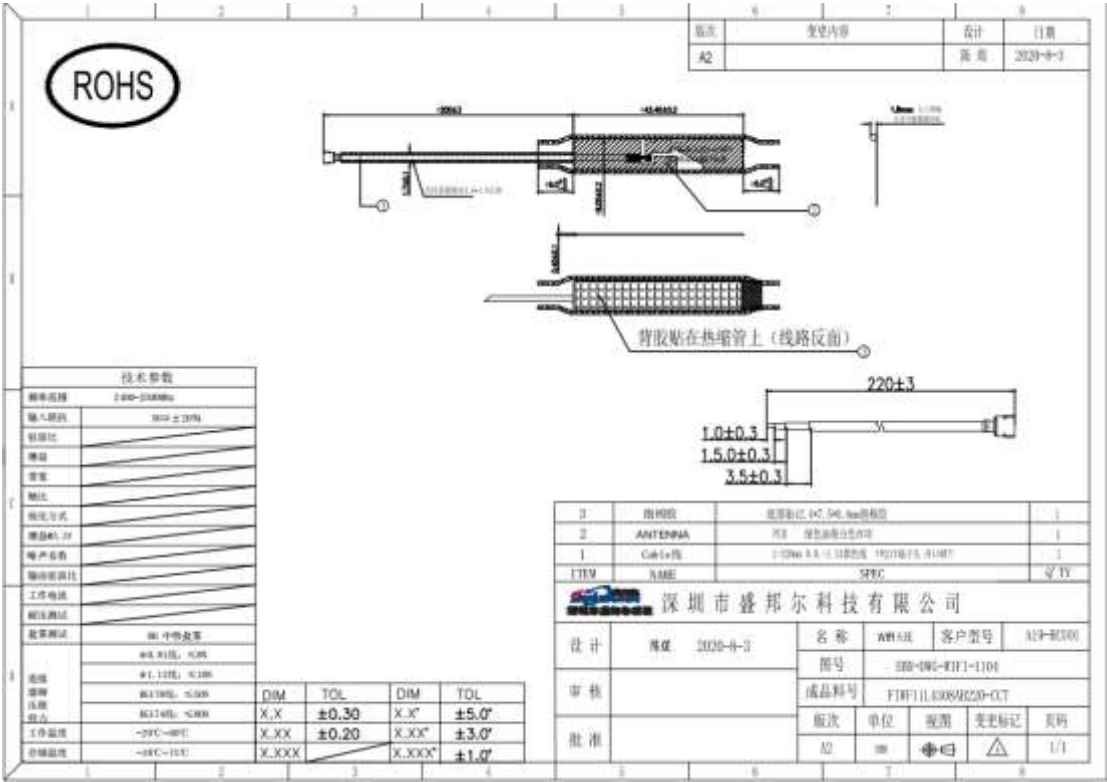


1. Antenna Information

Product Model	T2
Antenna Model	T2-Zigbee
Antenna Type	PIFA
Manufacturer	Shen zhen Surbaner Technology Co.,Ltd.

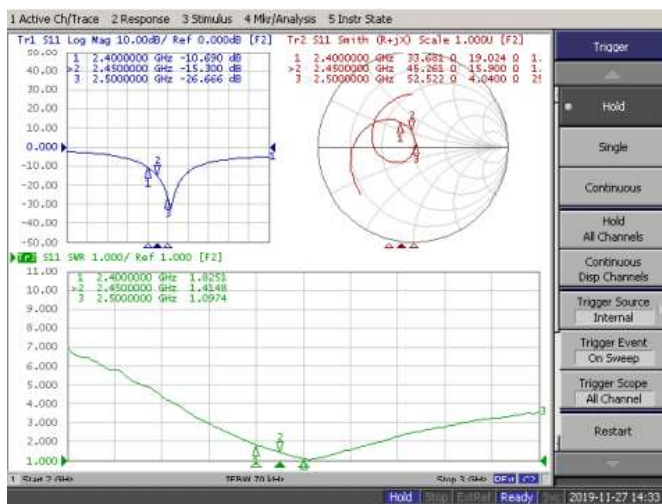
2. Antenna Picture



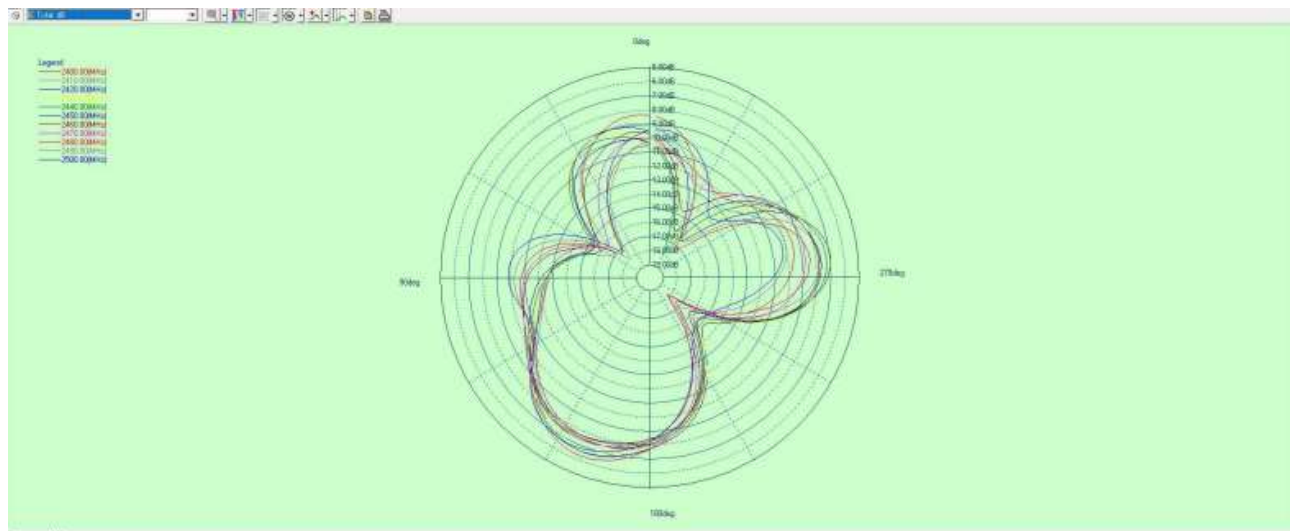
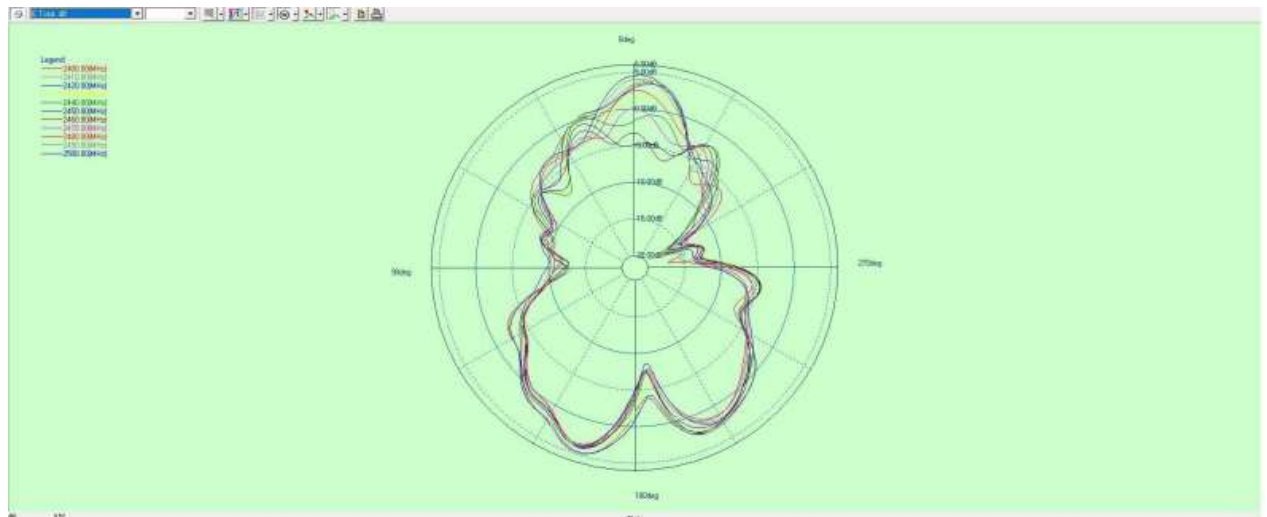
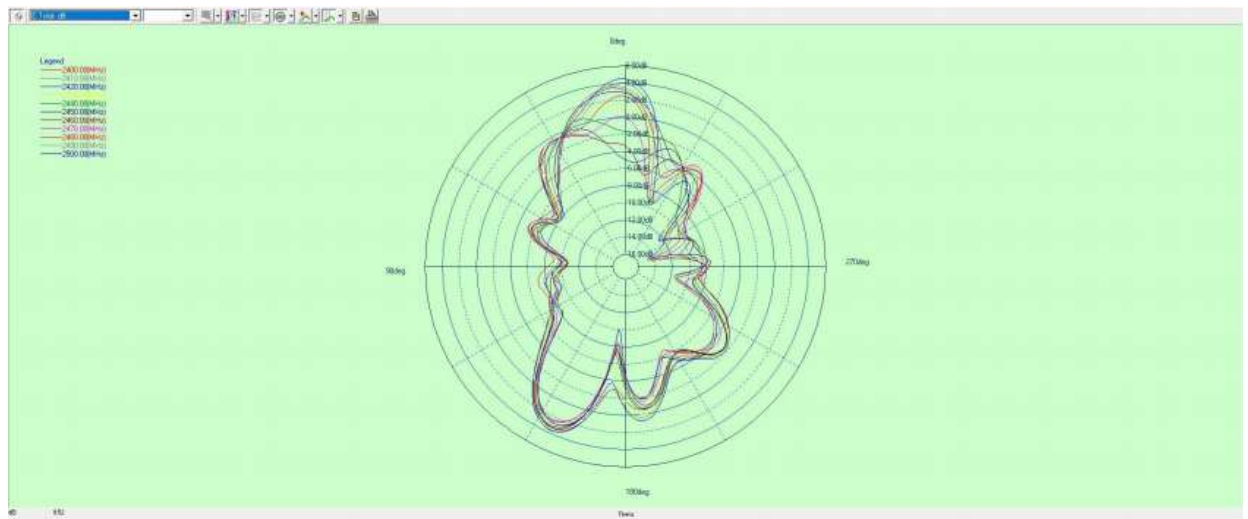
3. Electrical Specification

Frequency Range	2400MHZ-2500 MHZ
Bandwidth	100MHz
Input Impendence	50Ω
S11	≤-10 dB
Peak Gain	1dBi

4. Antenna S11



5. Radiation Pattern



6. Test Results

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
1	2400	0.82	-2.57	55.35
2	2410	0.71	-2.46	56.75
3	2420	0.54	-2.49	56.32
4	2430	0.14	-2.40	57.57
5	2440	1	-2.42	57.31
6	2450	0.75	-2.33	58.45
7	2460	0.85	-2.27	59.34
8	2470	0.98	-2.05	62.36
9	2480	0.15	-2.04	62.47
10	2490	0.66	-1.97	63.59
11	2500	0.95	-2.06	62.29