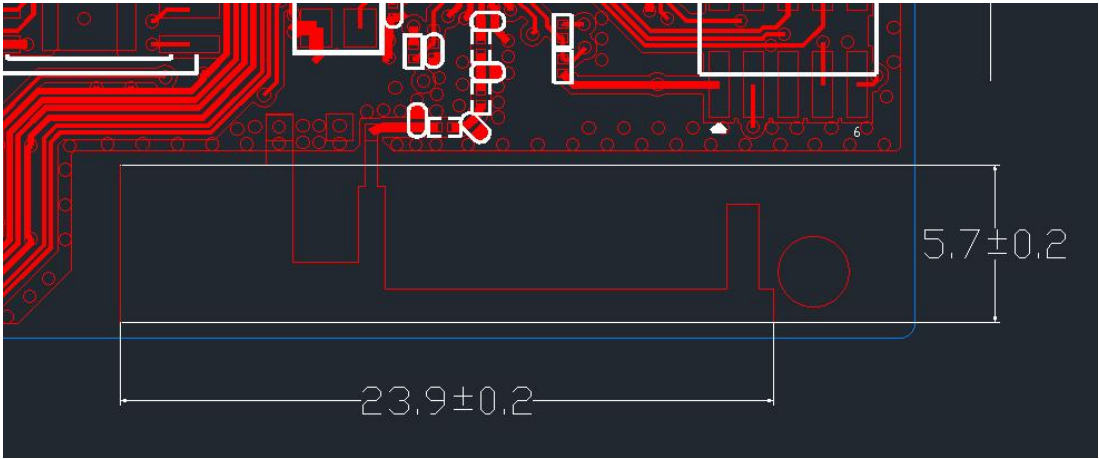


1. Antenna Information

Product Model	Mica
Antenna Model	Mica-Zigbee
Antenna Type	PCB Antenna
Manufacturer	Lumi United Technology Co.,Ltd.

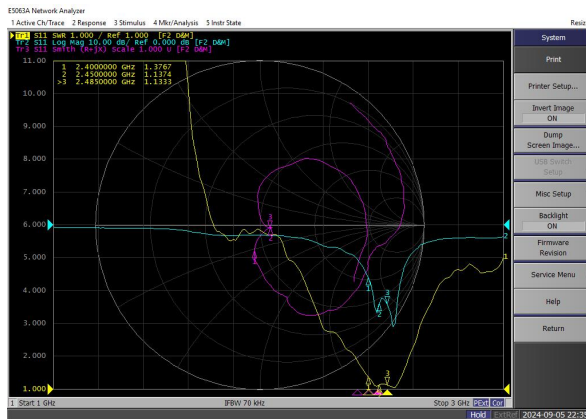
2. Antenna Picture



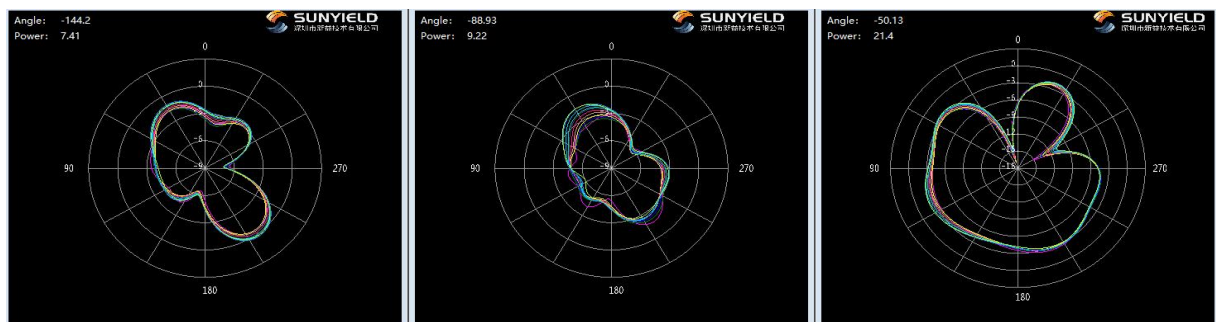
3. Electrical Specification

Frequency Range	2405 - 2480 MHz
Bandwidth	75 MHz
Input Impedence	50 Ω
S11	≤ -10 dB
Peak Gain	0.25 dBi

4. Antenna S11



5. Radiation Pattern



6. Test Results

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
1	2400	-0.99	-3.66	43.02
2	2410	-0.73	-3.52	44.49
3	2420	-0.55	-3.43	45.42
4	2430	-0.53	-3.47	44.97
5	2440	-0.73	-3.72	42.49
6	2450	-0.66	-3.80	41.67
7	2460	-0.32	-3.73	42.37
8	2470	0.25	-3.41	45.61
9	2480	0.12	-3.48	44.91
10	2490	0.03	-3.73	42.33
11	2500	-0.11	-3.83	41.42