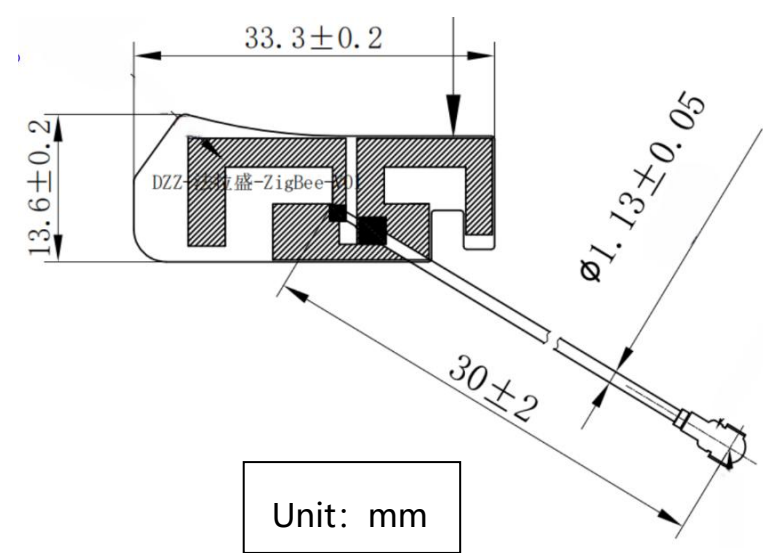


1. Antenna Information

Product Model	W200
Antenna Model	W200-ZigBee
Antenna Type	PIFA
Manufacturer	Shenzhen Be-Comfortable Technology Co. Ltd
Manufacturer Address	C6-1603,Hengfeng Industrial City,No.739,Zhoushi Road, Hezhou Community, Hangcheng Street, Baoan district. Shenzhen

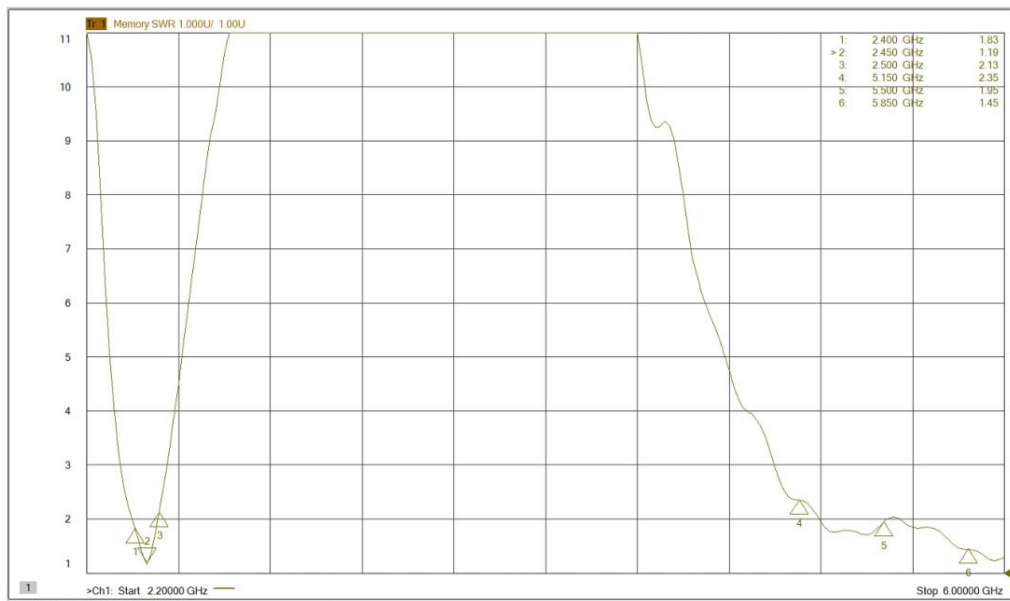
2. Antenna Picture



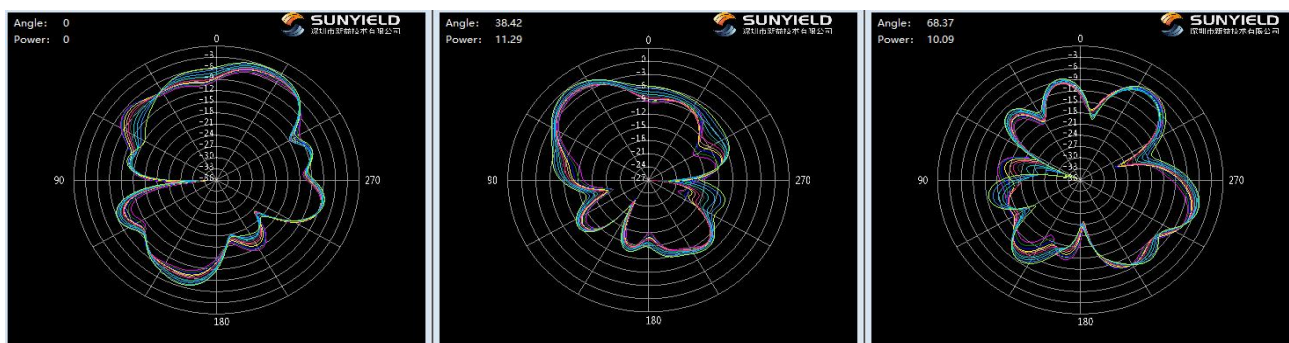
3. Electrical Specification

Frequency Range	2400 - 2500 MHz
Bandwidth	100 MHz
Input Impedence	50 Ω
S11	≤ -10 dB
Peak Gain	0 dBi

4. Antenna S11



5. Radiation Pattern



6. Test Results

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
1	2400	-0.2	-2.2	60.0
2	2410	-0.4	-2.2	59.7
3	2420	-0.5	-2.4	57.8
4	2430	-0.1	-2.2	60.5
5	2440	-0.6	-2.2	59.6
6	2450	0.0	-2.1	61.0
7	2460	-0.1	-2.2	60.1
8	2470	-1.2	-2.4	57.8
9	2480	-1.5	-2.4	57.0
10	2490	-1.7	-2.6	55.4
11	2500	-1.9	-2.7	53.3