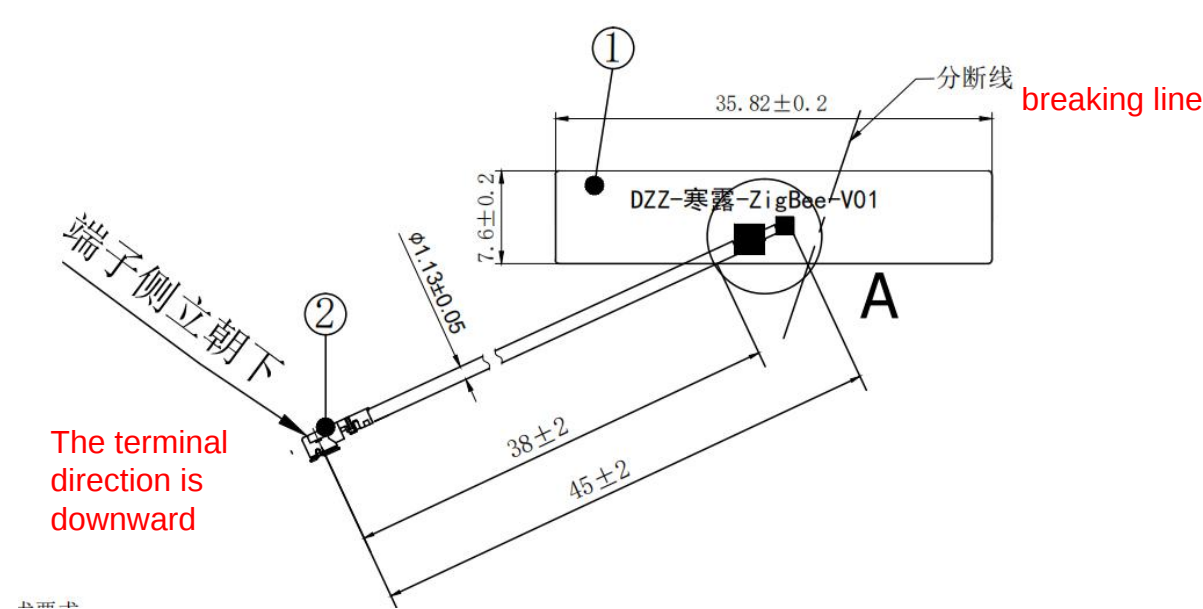


1. Antenna Information

Product Model	寒露 Hanlu
Antenna Model	寒露-ZigBee Hanlu-ZigBee
Antenna Type	PIFA
Manufacturer	Shenzhen Be-Comfortable Technology Co. Ltd

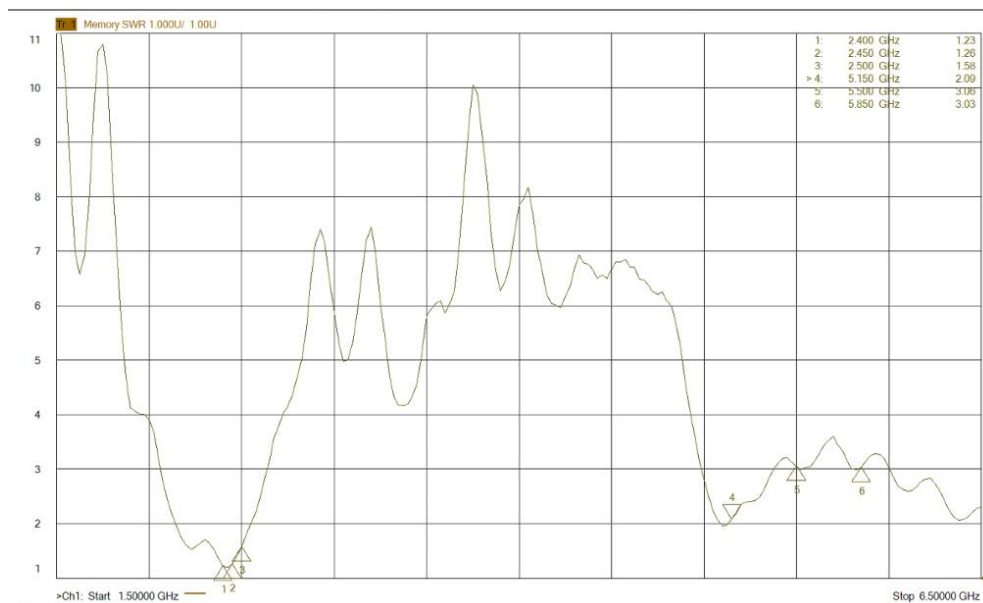
2. Antenna Picture



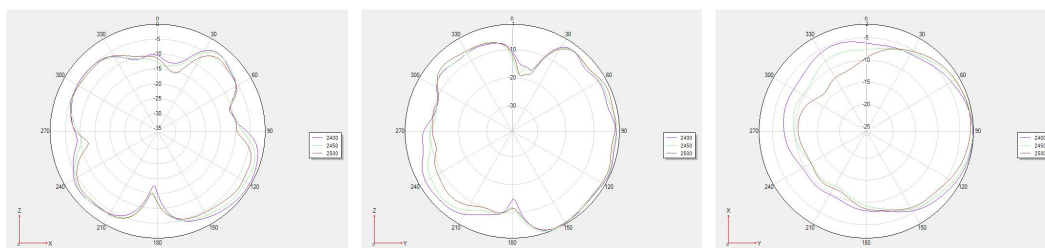
3. Electrical Specification

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	-0.6	-2.7	53.6
2	2410	-0.4	-2.7	53.3
3	2420	-0.9	-2.9	51.6
4	2430	-0.1	-2.7	54.0
5	2440	-0.5	-2.7	53.2
6	2450	0.0	-2.6	54.5
7	2460	-0.5	-2.7	53.7
8	2470	-1.1	-2.9	51.6
9	2480	-1.3	-2.9	50.9
10	2490	-1.5	-3.1	49.5
11	2500	-1.7	-3.2	47.6