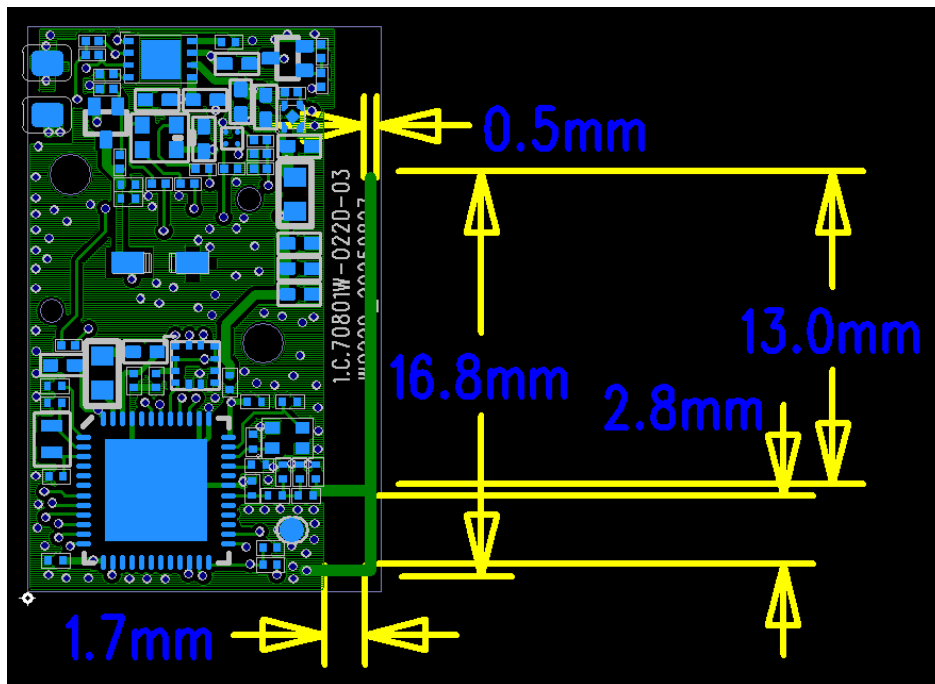


Antenna Specification

1. Antenna Describe

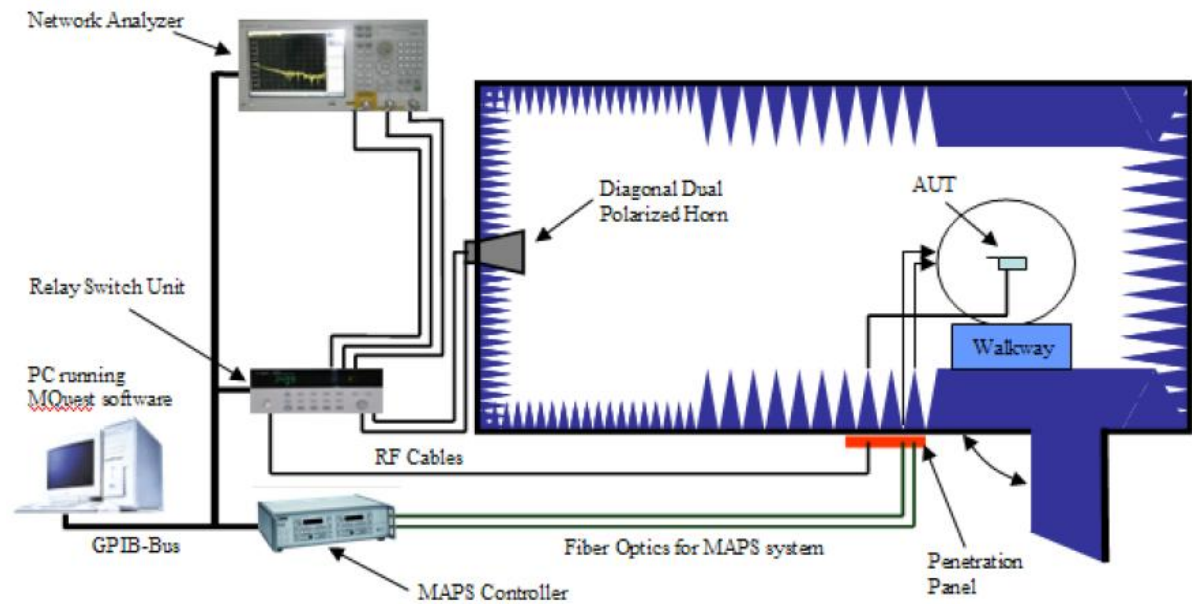
Antenna Manufacturer	ShenZhen Yunxi Technology Co,Ltd.
Address	No. 401, Building 3, Sanyi Industrial Park, 4 Creation Road, Lijin Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, China
Antenna Model	WO220
Antenna Type	PCB Antenna
Antenna Gain	-1.04dBi Max
Frequency Rang	2400-2500MHz
VSWR	≤ 2
Input Impedance	50 Ω

2. Antenna Dimensions

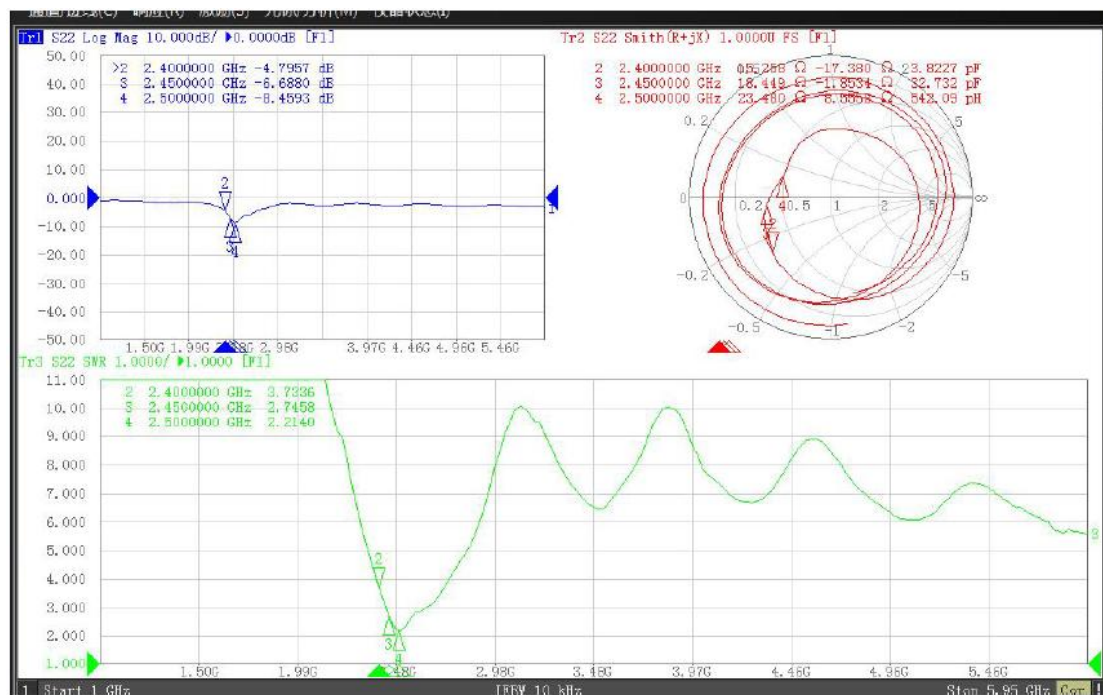


3. Measurement Result

3.1 Test Setup



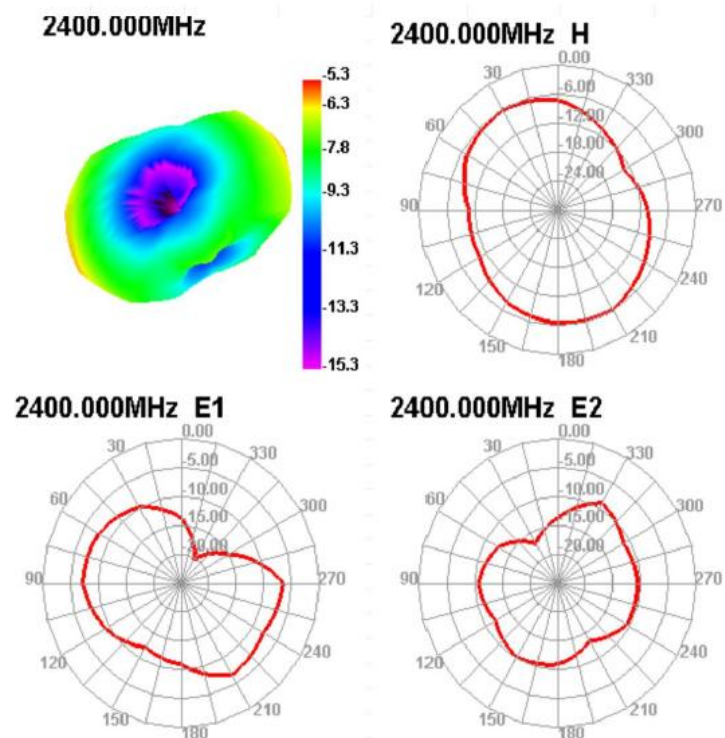
3.2 S22



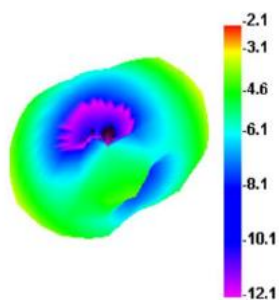
3.3 Antenna Test Data

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	10.81	-9.66	-5.29
2410	12.95	-8.88	-4.48
2420	17.62	-7.54	-3.12
2430	18.65	-7.29	-3.04
2440	20.59	-6.86	-2.55
2450	21.45	-6.69	-2.05
2460	20.95	-6.79	-1.8
2470	17.74	-7.51	-2.34
2480	18.71	-7.28	-1.85
2490	19.17	-7.17	-1.32
2500	18.68	-7.29	-1.04

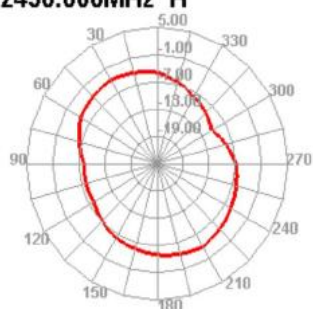
3.4 Pattern Plots



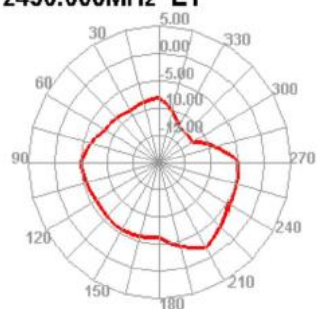
2450.000MHz



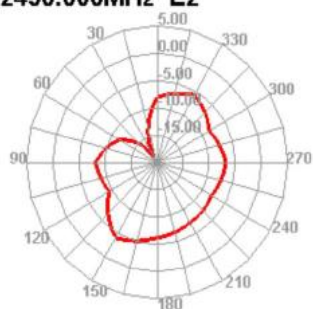
2450.000MHz H



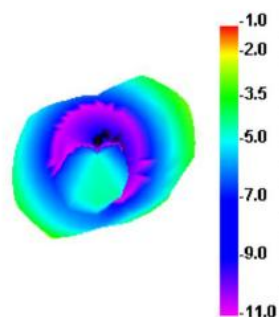
2450.000MHz E1



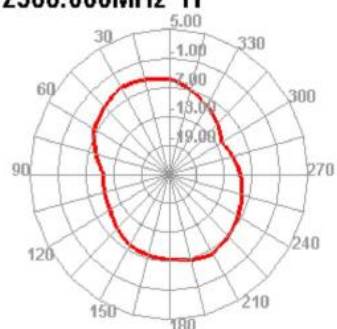
2450.000MHz E2



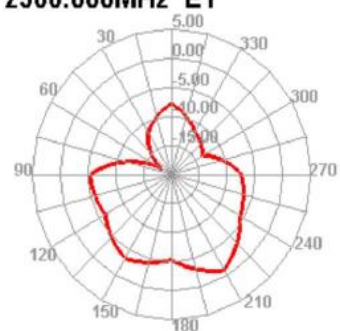
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

