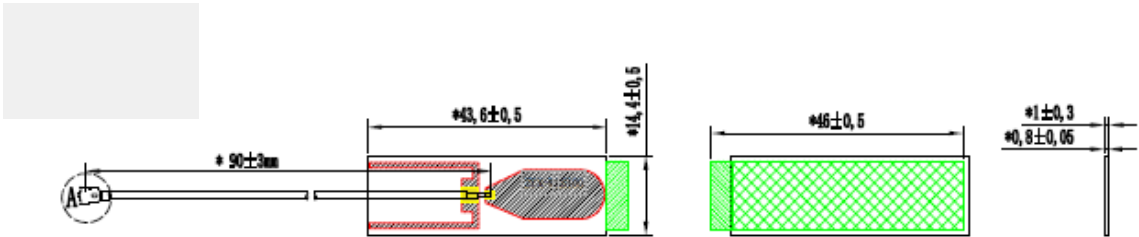


Antenna Specification

1. Antenna Describe

Antenna Manufacturer	Shenzhen Free Walk Communication Technology Co. LTD
Antenna Address	3F, Building 2, Hezhou West Industrial Park, Bao'an West Township, Shenzhen
Antenna Model	WLS298
Antenna Type	Internal Antenna
Antenna Gain	4.44dBi Max
Frequency Rang	2400-2500MHz
VSWR	≤2
Input Impedance	50 Ω

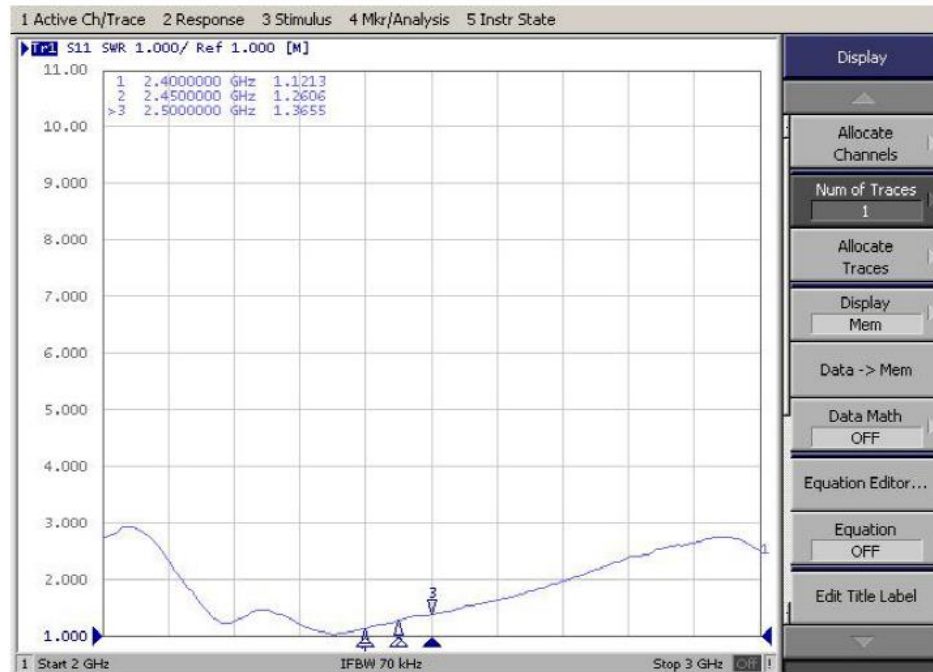
2. External View Drawing



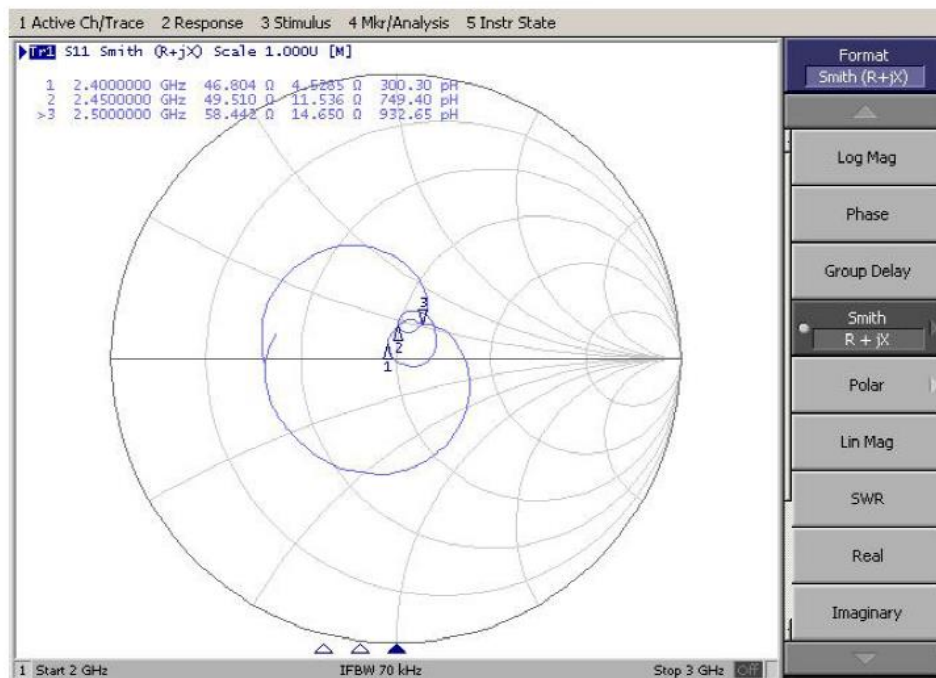
3. Measurement Result

3.1 Antenna performance test diagram

SWR



Smith

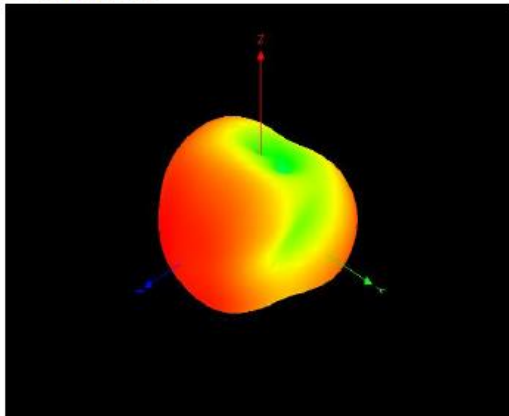


3.2 Antenna test data

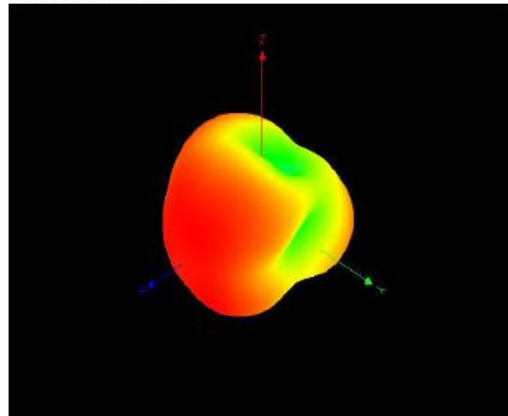
Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	72.78	4.34
2410	68.55	4.12
2420	64.12	3.77
2430	65.31	3.76
2440	69.50	4.02
2450	68.87	3.91
2460	67.61	3.96
2470	69.66	4.16
2480	71.78	4.44
2490	66.99	4.31
2500	65.01	4.16

3.3 Antenna test diagram

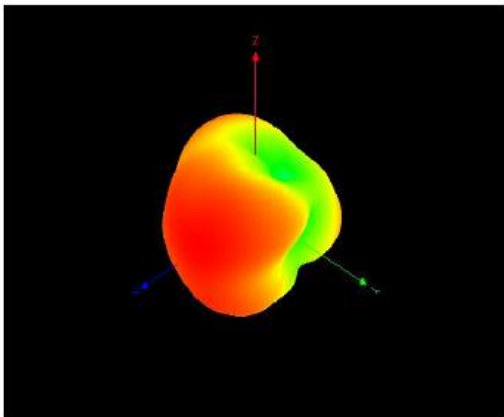
2400MHz



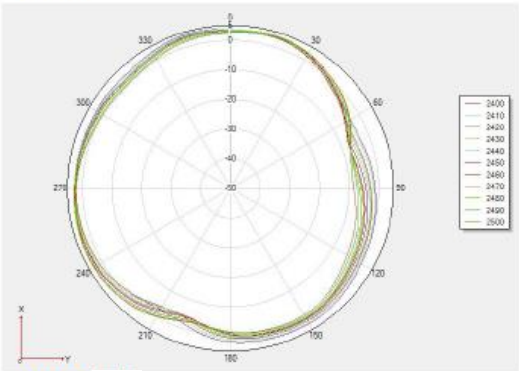
2450MHz



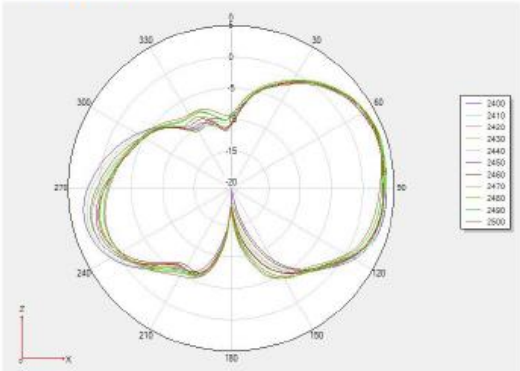
2500MHz



XOY



ZOX



ZOY

