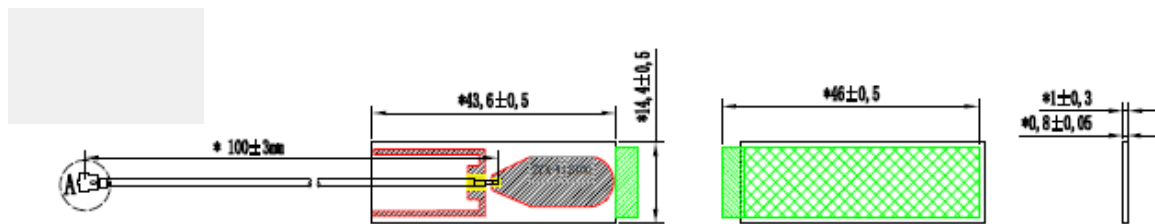


Antenna Specification

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	4.03dBi Max
Frequency Rang	2400-2500MHz
VSWR	≤ 2
Input Impedance	50Ω

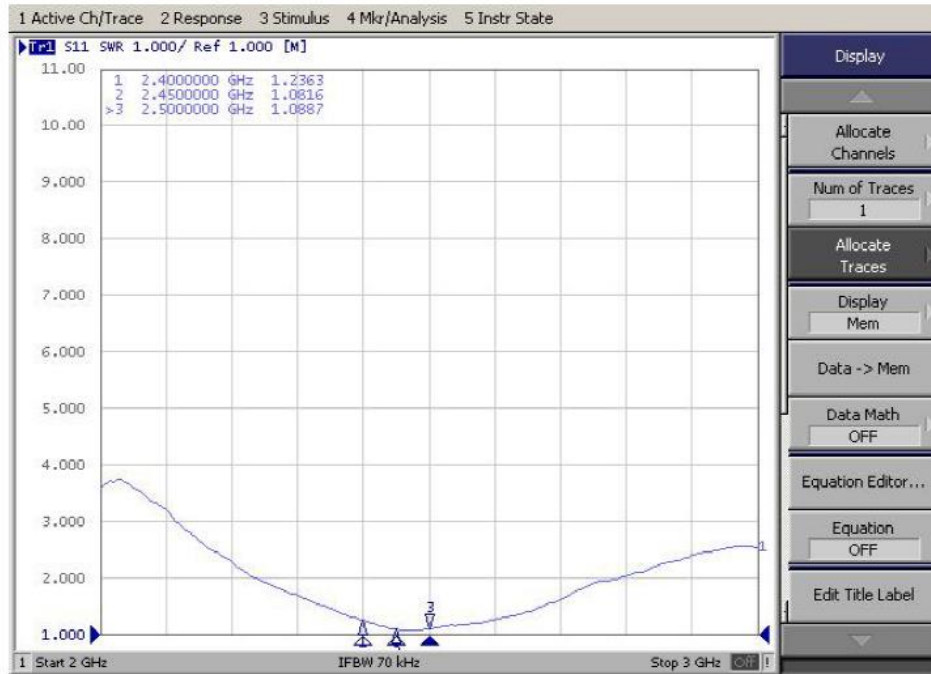
2. External View Drawing



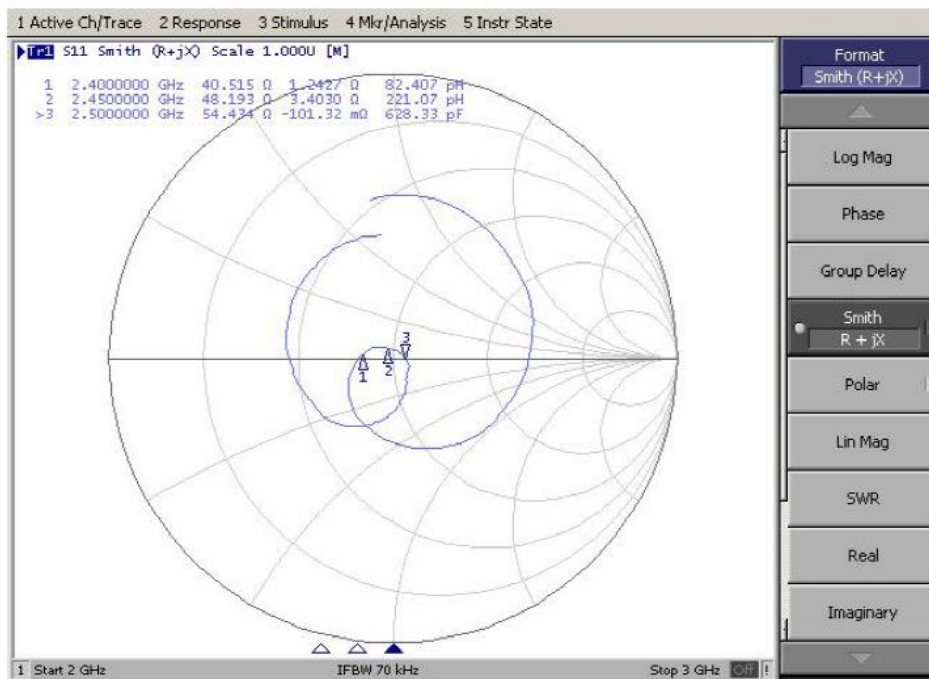
3. Measurement Result

3.1 Antenna performance test diagram

SWR



Smith

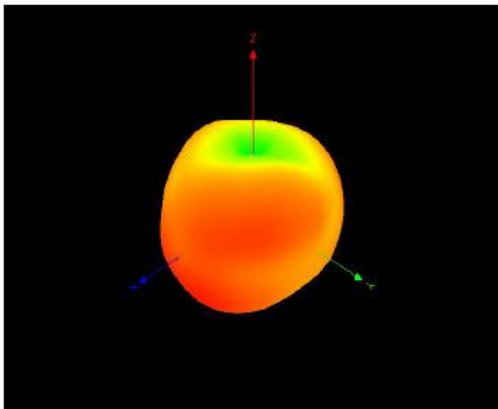


3.2 Antenna test data

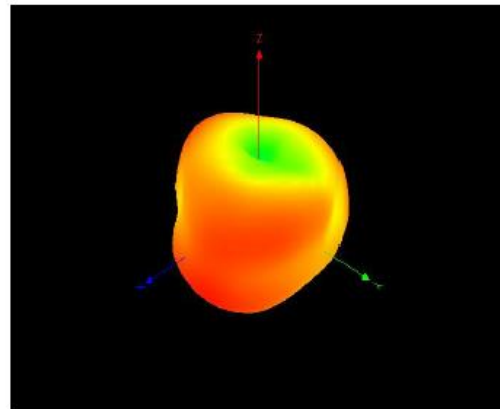
Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	70.15	4.03
2410	65.92	3.84
2420	63.24	3.73
2430	64.57	3.81
2440	66.83	3.97
2450	65.16	3.62
2460	65.16	3.62
2470	69.02	3.85
2480	71.45	4.00
2490	65.61	3.56
2500	63.53	3.46

3.3 Antenna test diagram

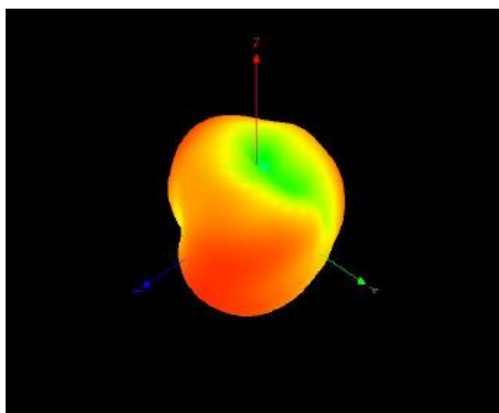
2400MHz



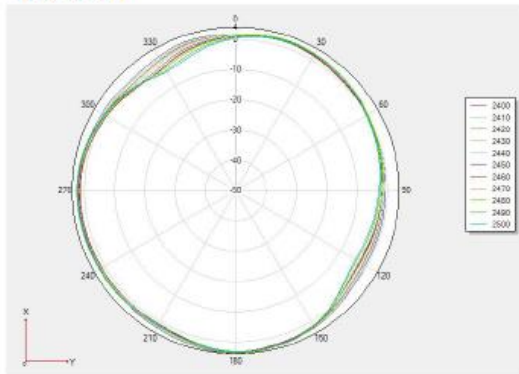
2450MHz



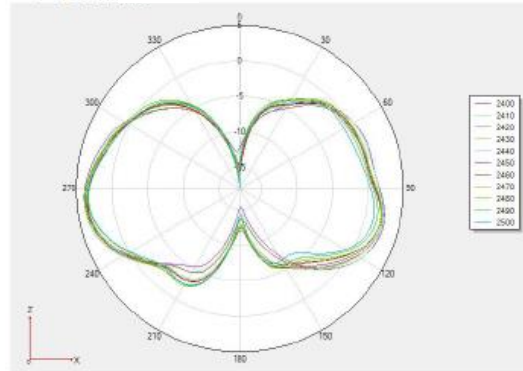
2500MHz



XOY



ZOX



ZOY

