

Antenna report

Customer: Dongguan haoguan photoelectric technology co.,LTD

Product: WiFi glue stick antenna

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1. Product Overview & Dimension

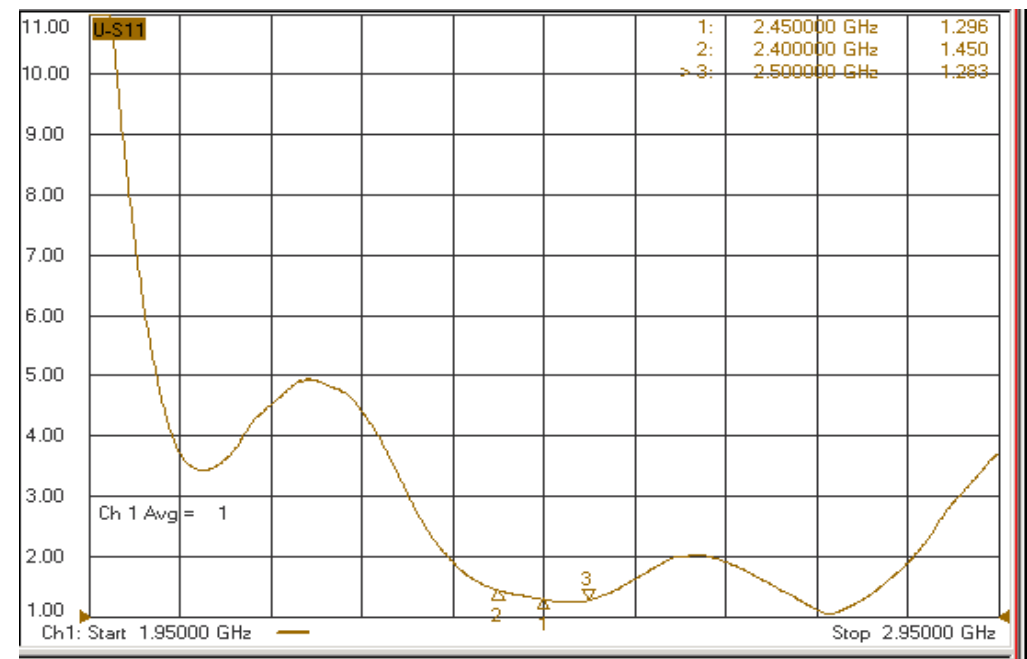
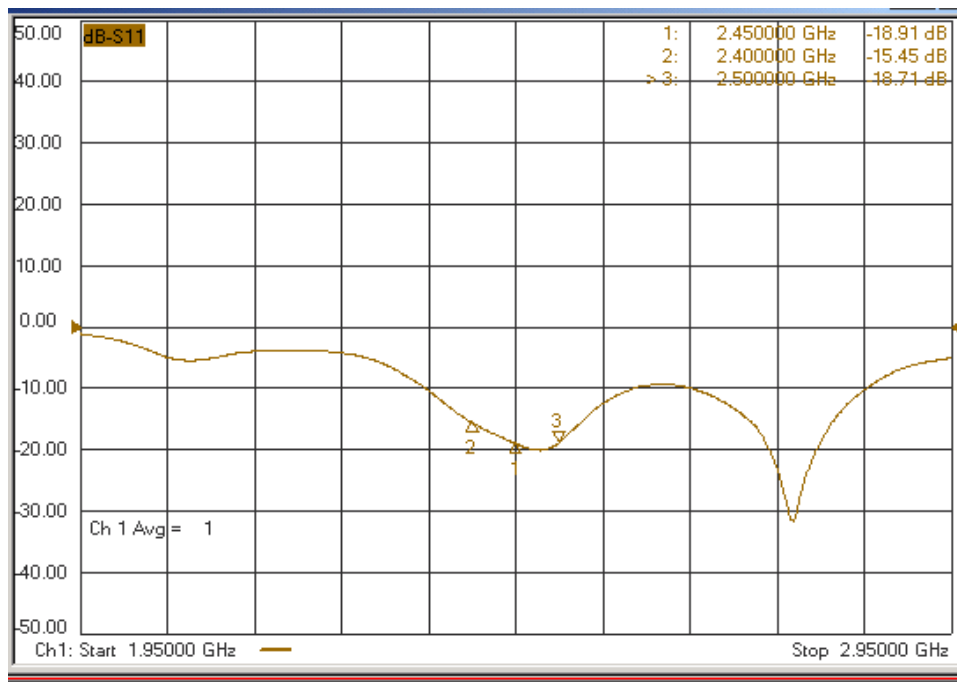


Length: 37mm

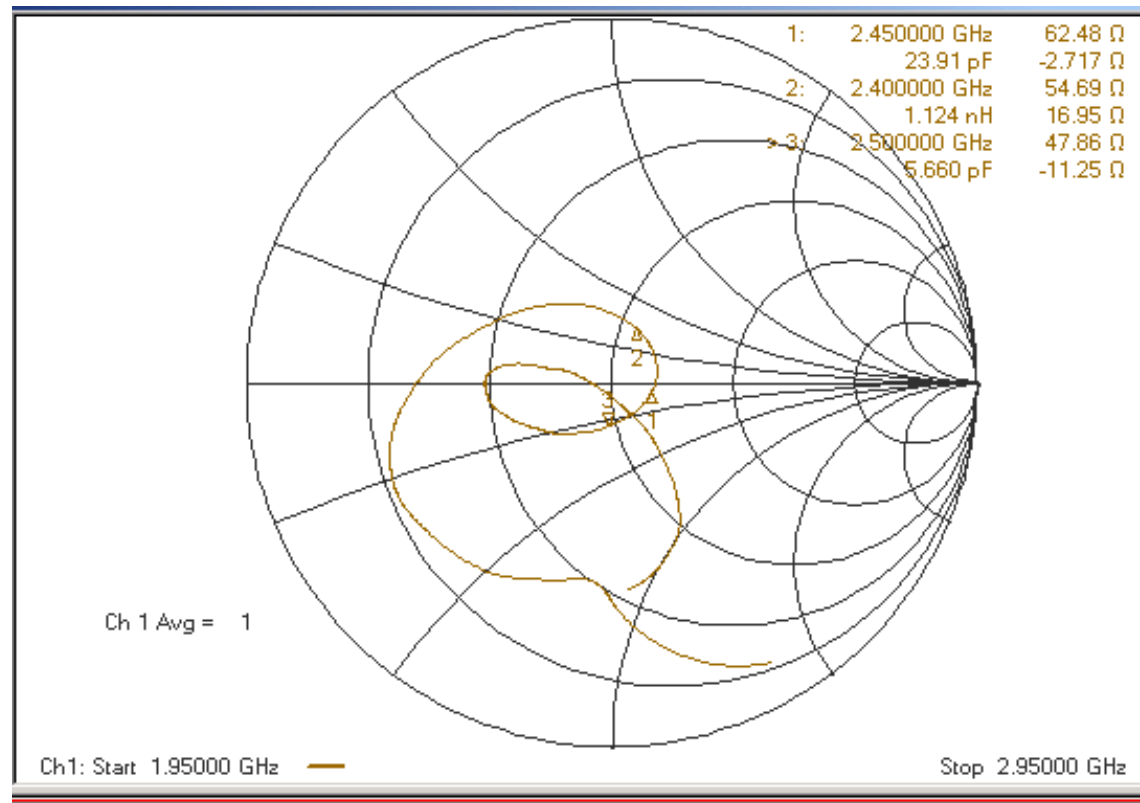
Diameter: 8mm

2. Test Result

2.1 Antenna VSWR

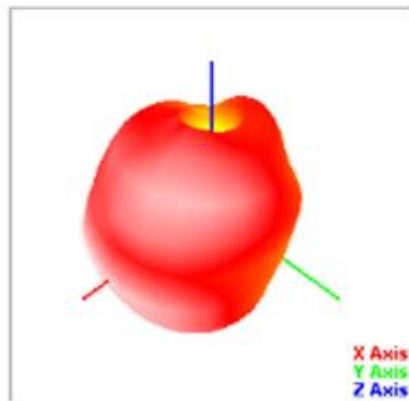


2.2 Smith Chart

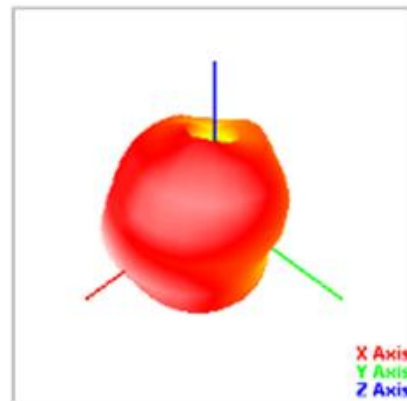


2.3 3D chart

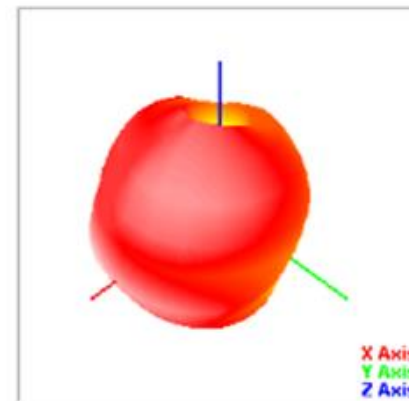
2400MHz



2450MHz



2500MHz



2.4 Gain/Efficiency

Freq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	2.84	2.89	2.95	3.11	3.26	3.32	3.37	3.51	3.52	3.66	3.53
Efficiency(%)	45.3%	45.9%	47.4%	49.3%	50.6%	51.7%	53.0%	48.0%	48.1%	47.2%	47.1%
Everage Gain (dB)	-1.00	-1.06	-0.98	-0.78	-0.84	-0.76	-0.59	-0.68	-0.89	-1.05	-1.04