

Dual frequency glue stick Antenna specification

制造商：深圳市杰讯通无线技术有限公司
地址：深圳市宝安区宝鼎创新产业园区
天线信息
尺寸：

长度	108.80 ± 0.5mm
安装方式	N/A
包装类型	PET 袋
极化	线性
辐射方向	全指向式
外径	10.00 ± 0.5mm

Manufacturer: Shenzhen Jie Xuntong Wireless Technology Co., LTD
Address: Bao Ding Innovation Industrial Park, Baoan District, Shenzhen
Antenna information
Physical

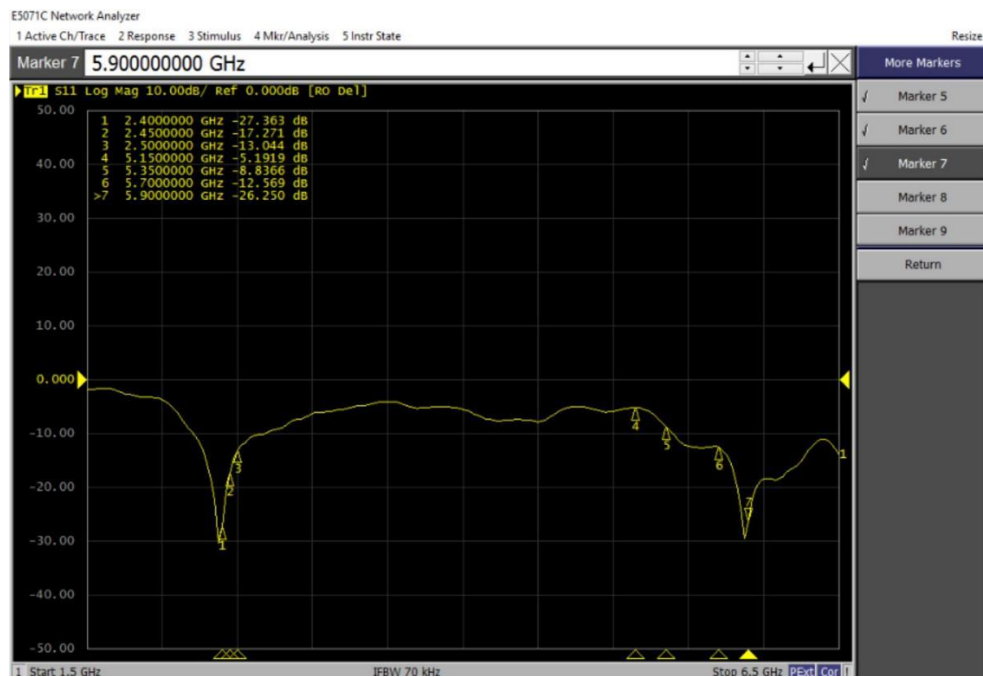
Length	108.80 ± 0.5mm
Mounting Style	N/A
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	10.00 ± 0.5mm

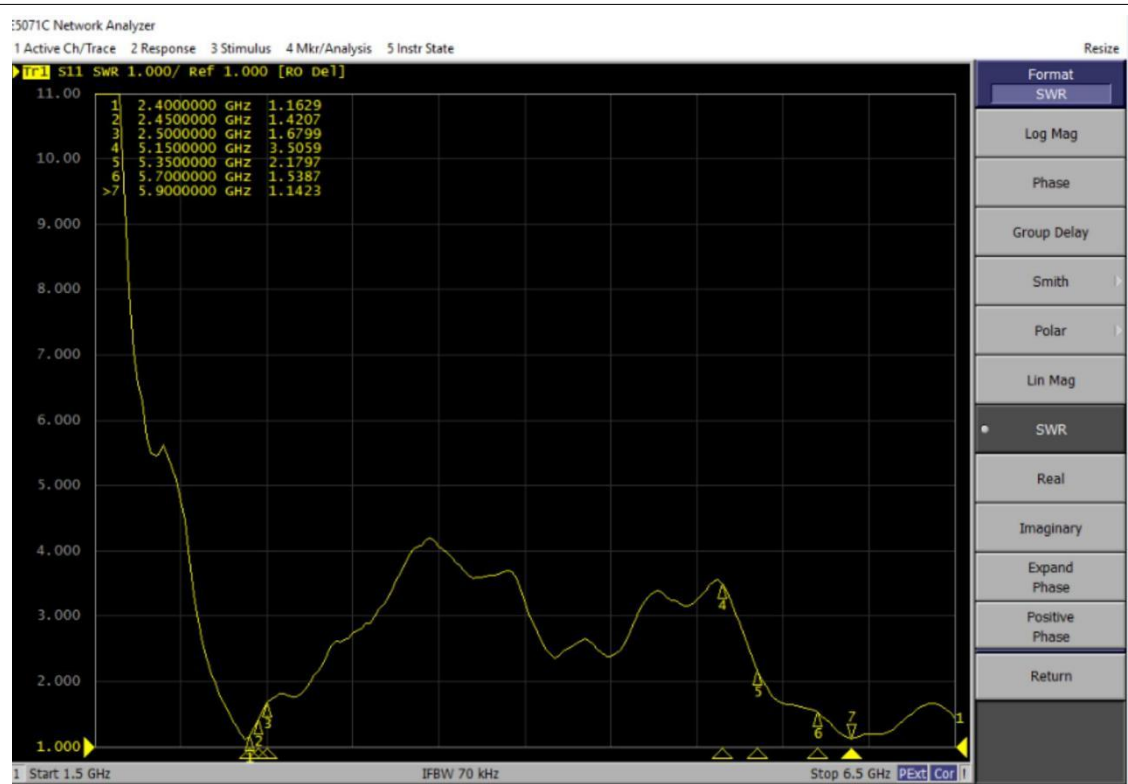
Picture of a glue stick antenna:



Small rubber rod antenna S11 data:

Frequency (MHz)	2400	2450	2500	5150	5350	5700	5900
ReturnLoss	-27.36	-17.27	-13.04	-5.19	-8.83	-12.56	-26.25
VSWR	1.16	1.42	1.68	3.50	2.17	1.53	1.14

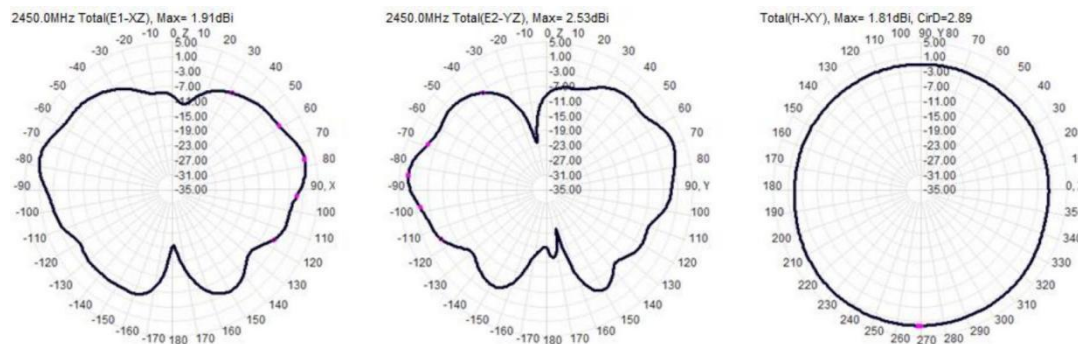
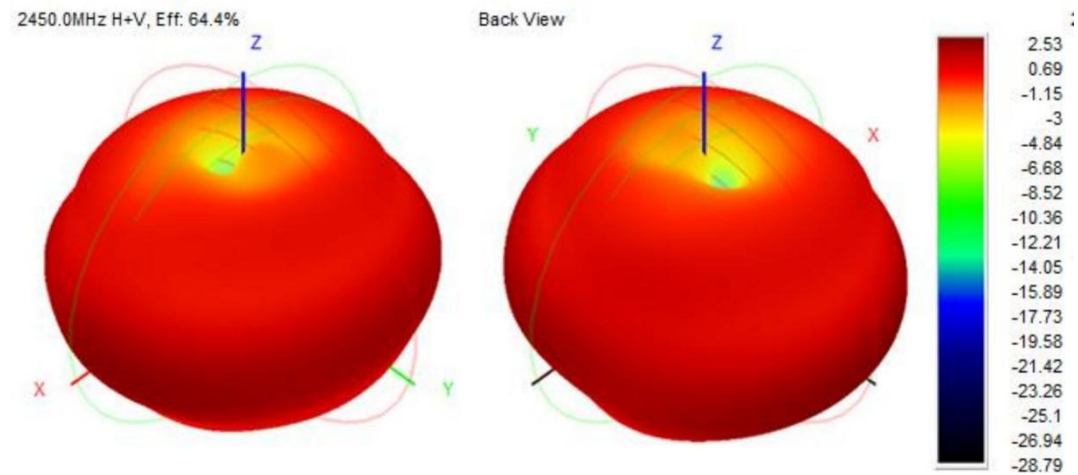




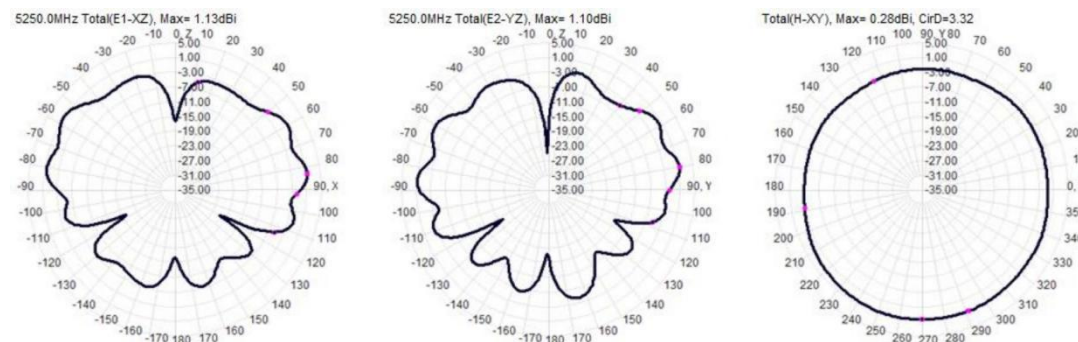
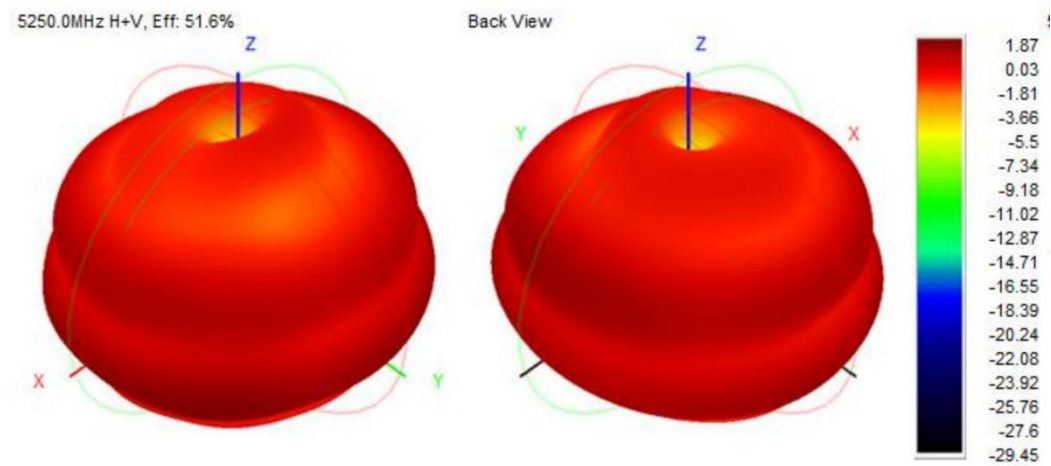
Antenna gain efficiency and direction diagram of small rubber rod:

Fq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.40	1.78	2.02	2.15	2.40	2.53	2.48	2.29	1.95	1.72	1.75
Efficie (%)	57.2	59.1	59.7	60.6	62.1	64.4	66.2	67.1	65.6	64.2	63.2
Fq (MHz)	5150	5200	5250	5300	5350	5700	5750	5800	5850		
Gain (dBi)	1.07	1.83	1.87	1.28	2.11	2.93	3.16	2.67	2.27		
Efficie (%)	50.2	50.6	51.5	50.8	51.4	57.3	58.2	54.1	52.7		

2450MHz directional diagram:



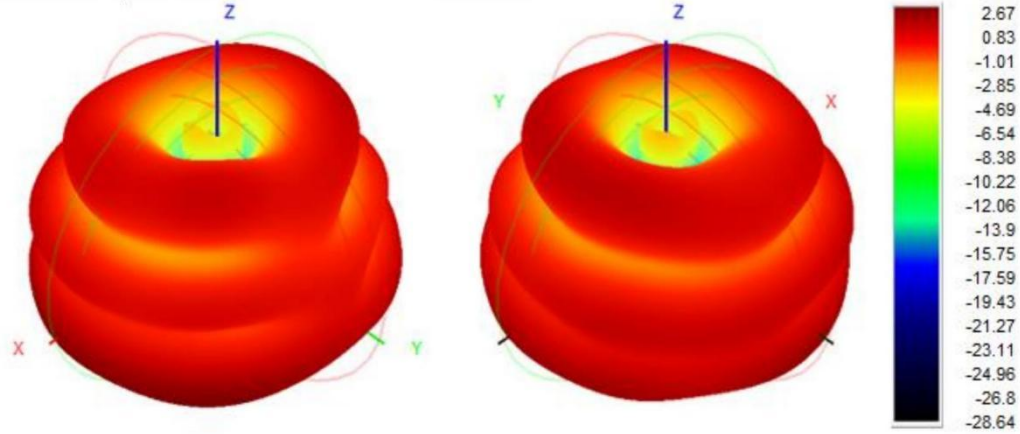
5250MHz directional diagram:



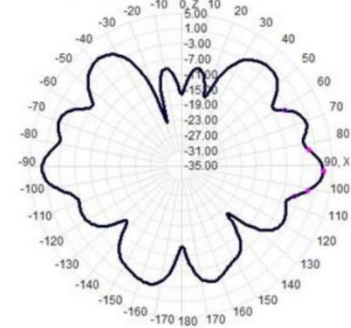
5800MHz directional diagram:

5800.0MHz H+V, Eff: 54.1%

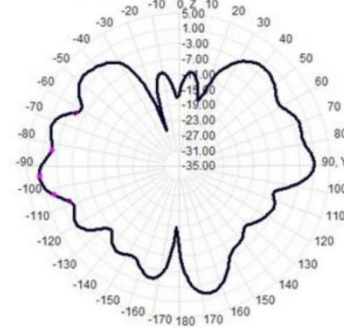
Back View



5800.0MHz Total(E1-XZ), Max= 2.36dBi



5800.0MHz Total(E2-YZ), Max= 1.76dBi



Total(H+V), Max= 2.66dBi, CirD=2.28

