

深圳市艾汇科技有限公司

天线测试报告

Test report

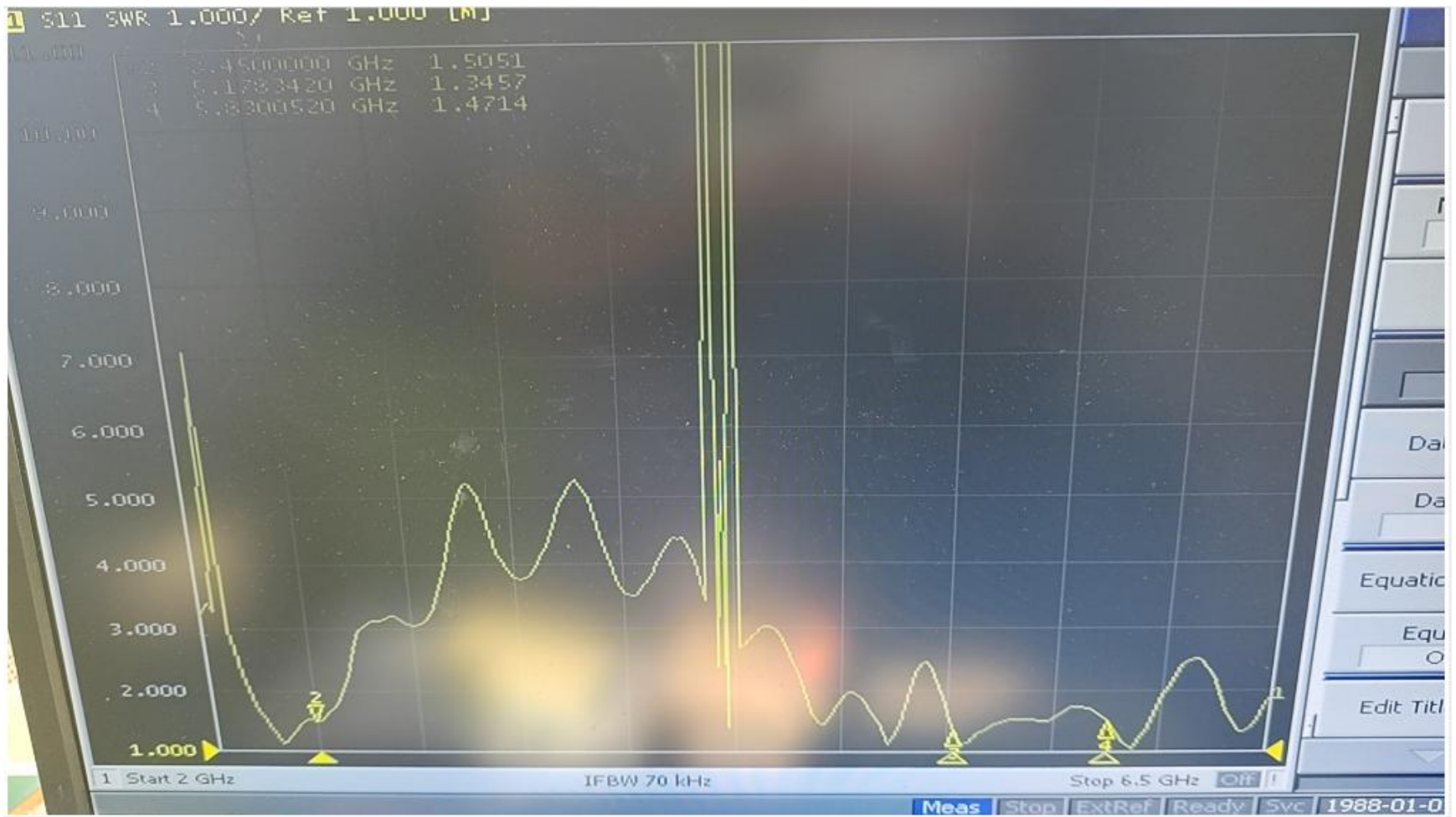
2023年10月09日



1、项目信息 (Model Information)

Model : PN1308P					
	Frequency band		Antenna Description		
		2.4G/5G	PIFA		

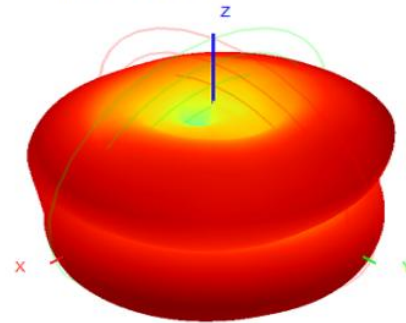
2. SWR



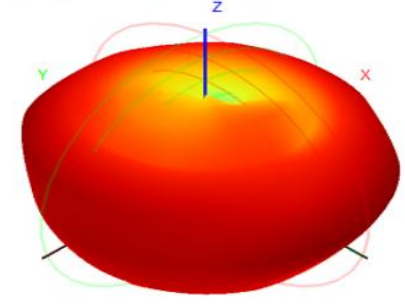
3. Test data of 2.4G

Gain&Efficiency 增益和效率			
frequency 频率(Hz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率
2400M	1.36	-3.54	46.36%
2410M	1.32	-3.41	48.16%
2420M	1.14	-3.39	48.11%
2430M	1.52	-3.5	47.21%
2440M	1.26	-3.39	49.03%
2450M	1.39	-3.34	50.41%
2460M	1.33	-3.46	48.74%
2470M	1.48	-3.42	49.38%
2480M	1.53	-3.21	50.37%
2490M	1.23	-3.52	47.28%
2500M	1.34	-3.57	46.66%

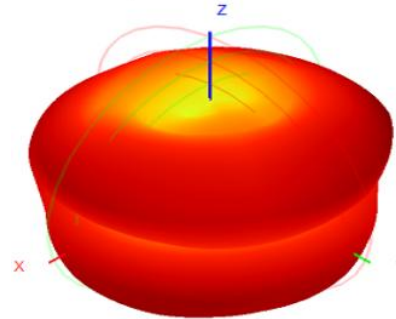
2400.0MHz H+V, Eff. 46.36%



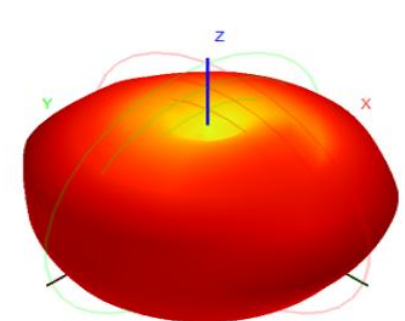
Back View



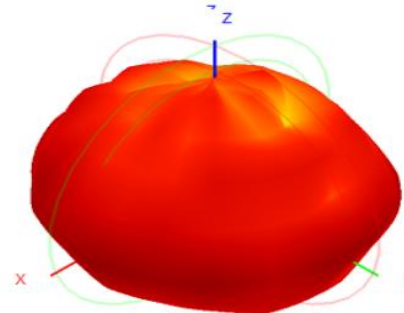
2450.0MHz H+V, Eff. 50.41%



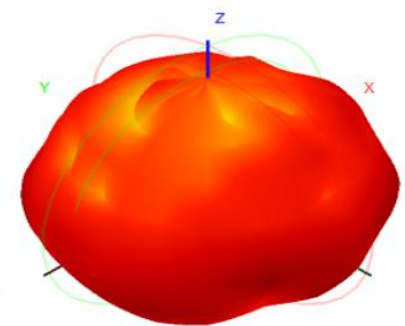
Back View



2500.0MHz H+V, Eff. 46.66%



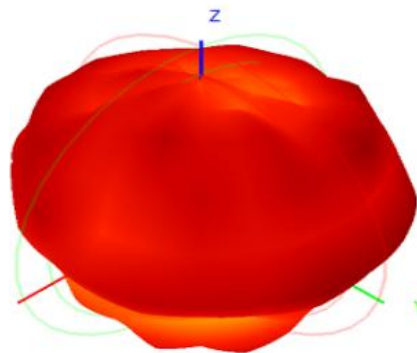
Back View



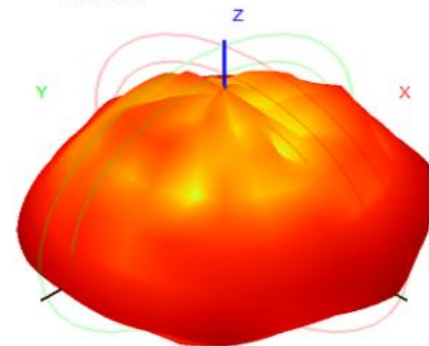
4. Test data of 5G

Gain&Efficiency			
frequency 频率(Hz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率
5000M	1.26	-3.47	50.54%
5100M	1.12	-3.43	50.15%
5200M	1.14	-3.86	51.25%
5300M	0.98	-3.17	51.38%
5400M	0.96	-2.97	50.23%
5500M	0.75	-3.13	49.66%
5600M	1.14	-3.55	49.73%
5700M	1.21	-3.02	48.62%
5800M	1.47	-3.34	50.38%
5900M	1.43	-3.43	50.83%

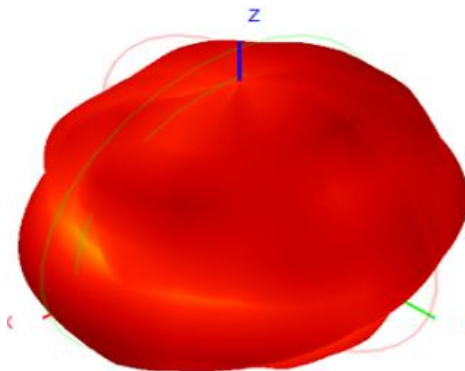
5200.0MHz H+V, Eff. 51.25%



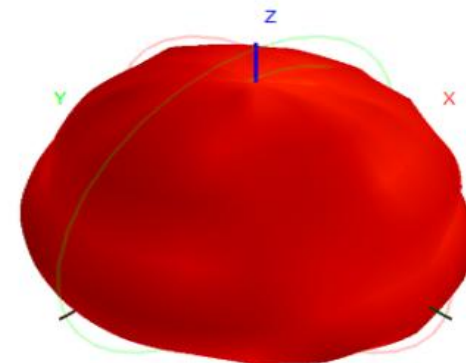
Back View



5800.0MHz H+V, Eff. 50.38%



Back View



5. Antenna size

