

深圳市开阳星科技有限公司

——微波通讯技术领跑者

A106(WIFI)天线测试报告

RF: 刘海平

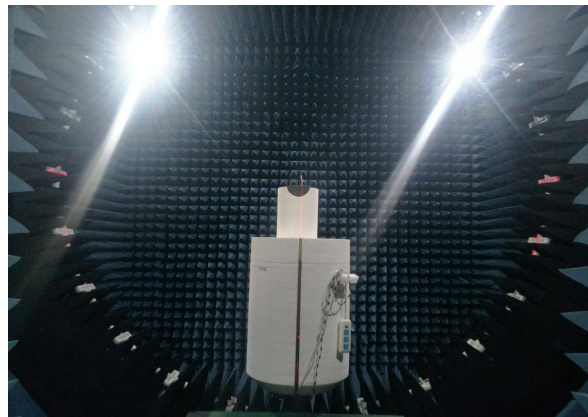
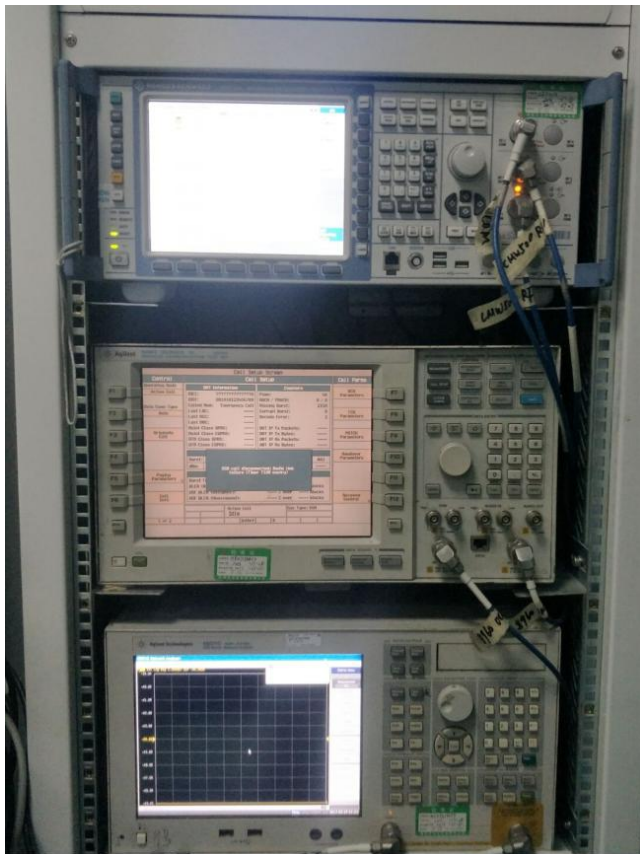
TEL:17328766370

2022年12月7日

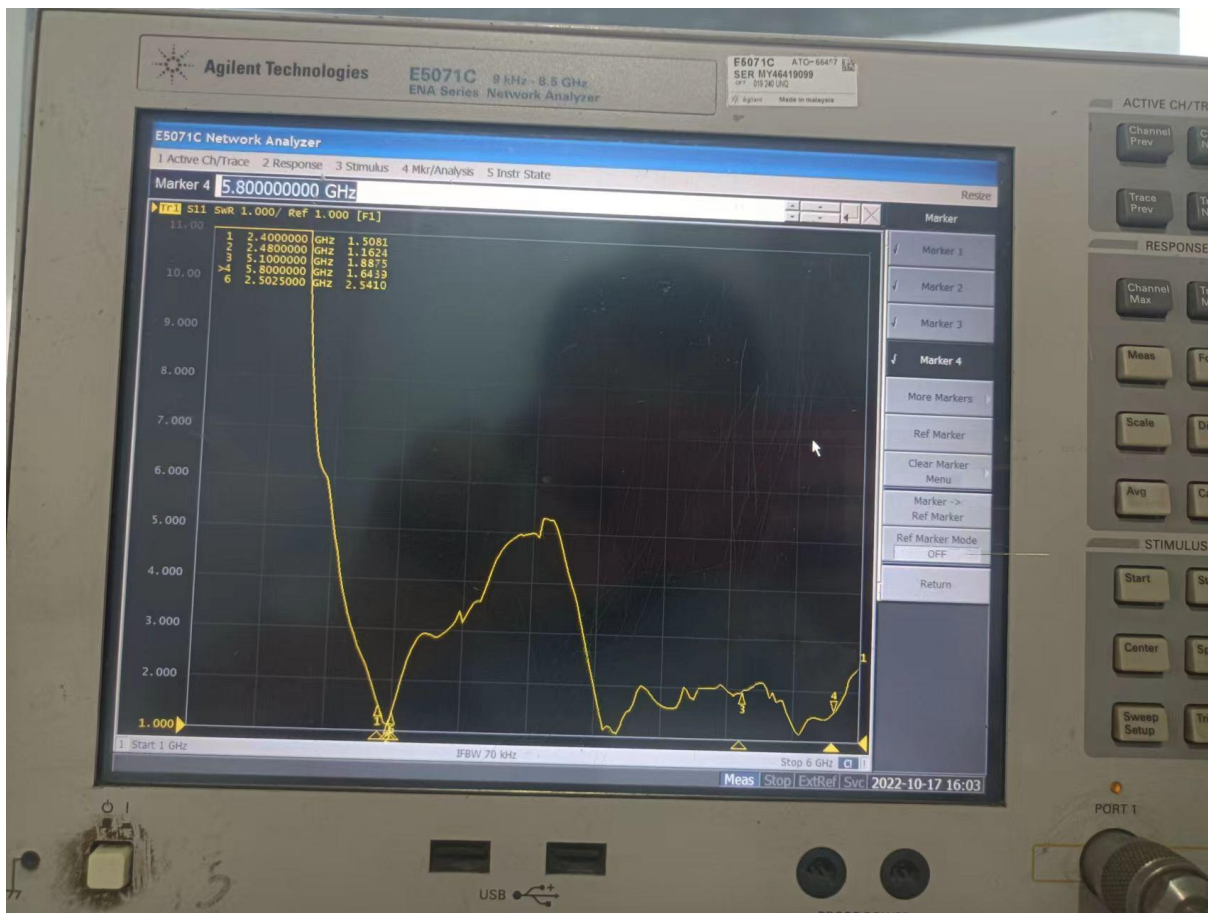
1.项目状况

	频段		天线状态	天线形式	设计区域	匹配改动
主天线	2G					
	3G					
	4G					
其他天线	WIFI	2400-2480MHZ 5100-5800MHZ				
	GPS					

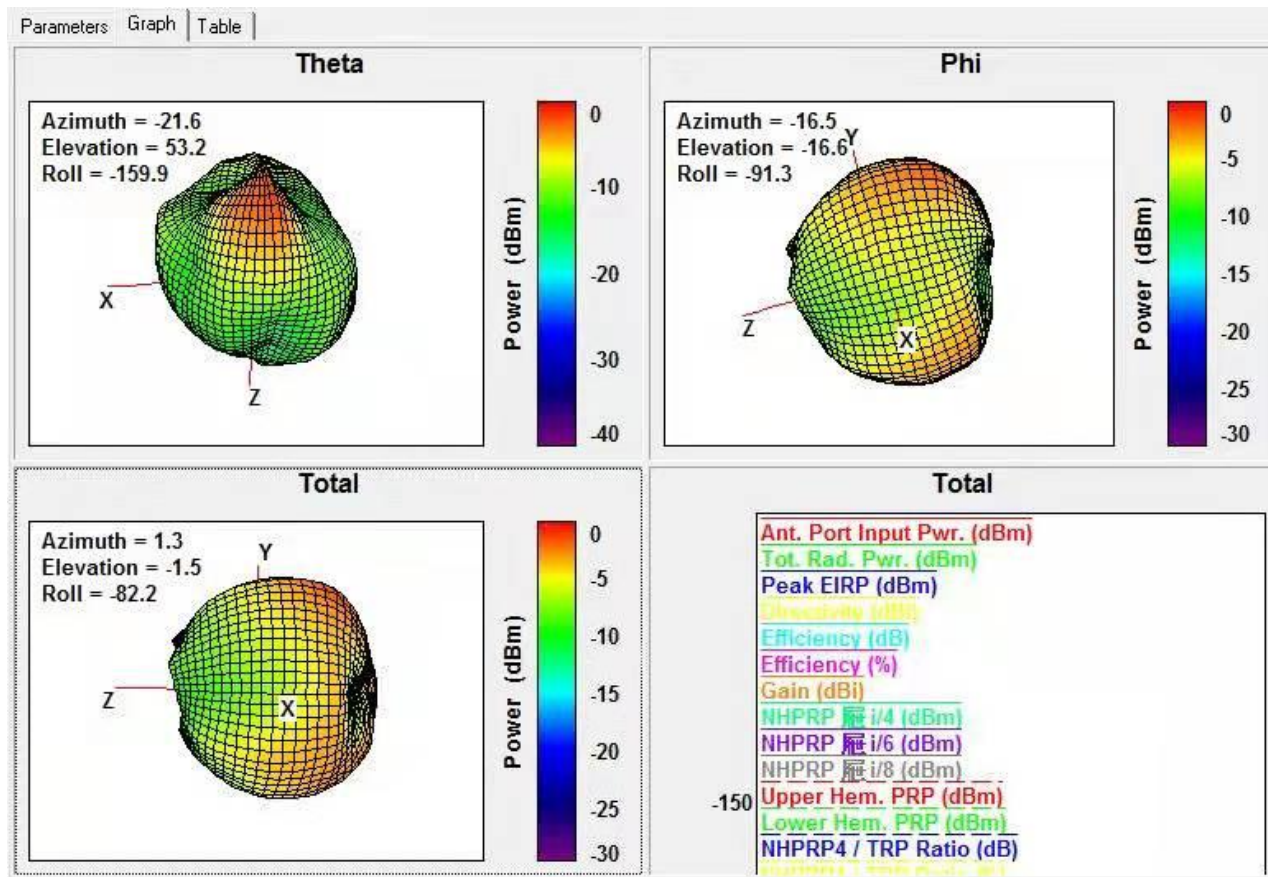
测试环境



驻波比



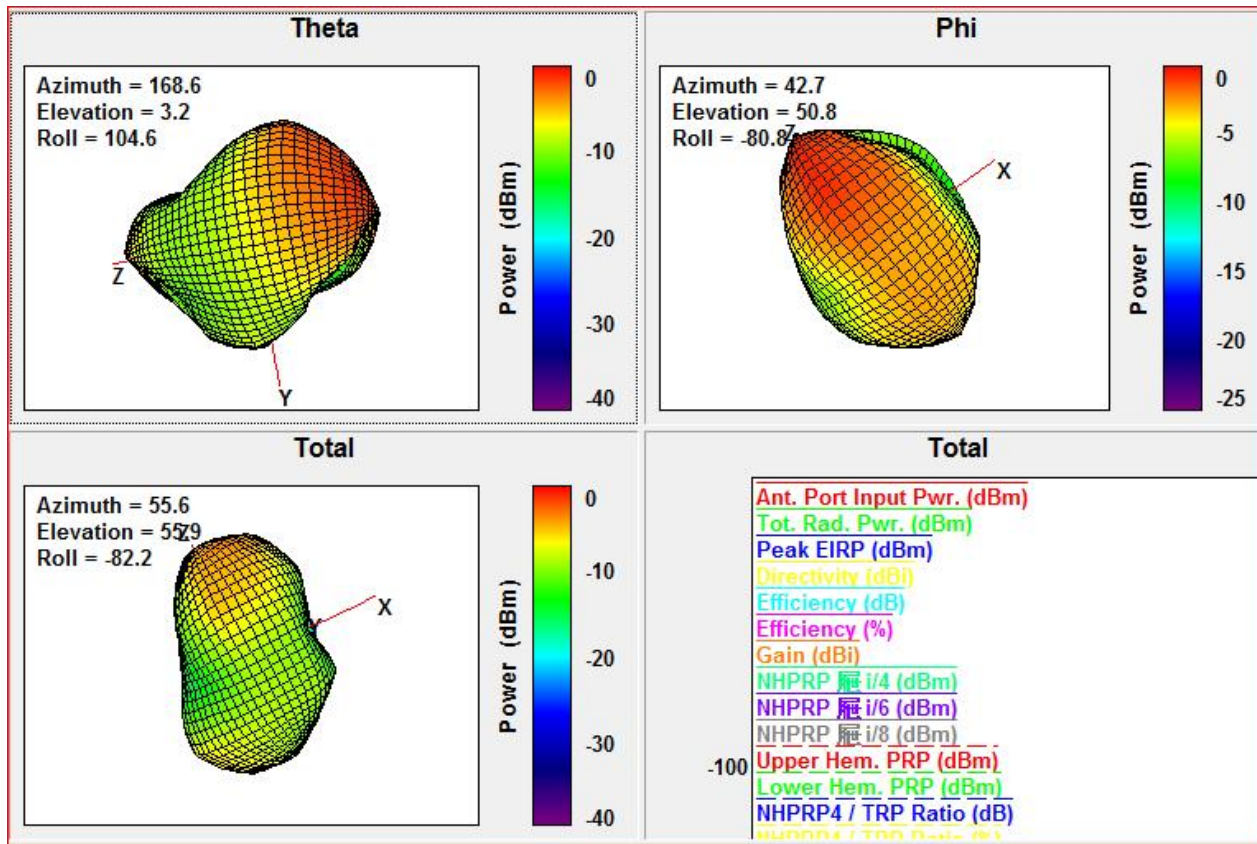
2.4G方向图



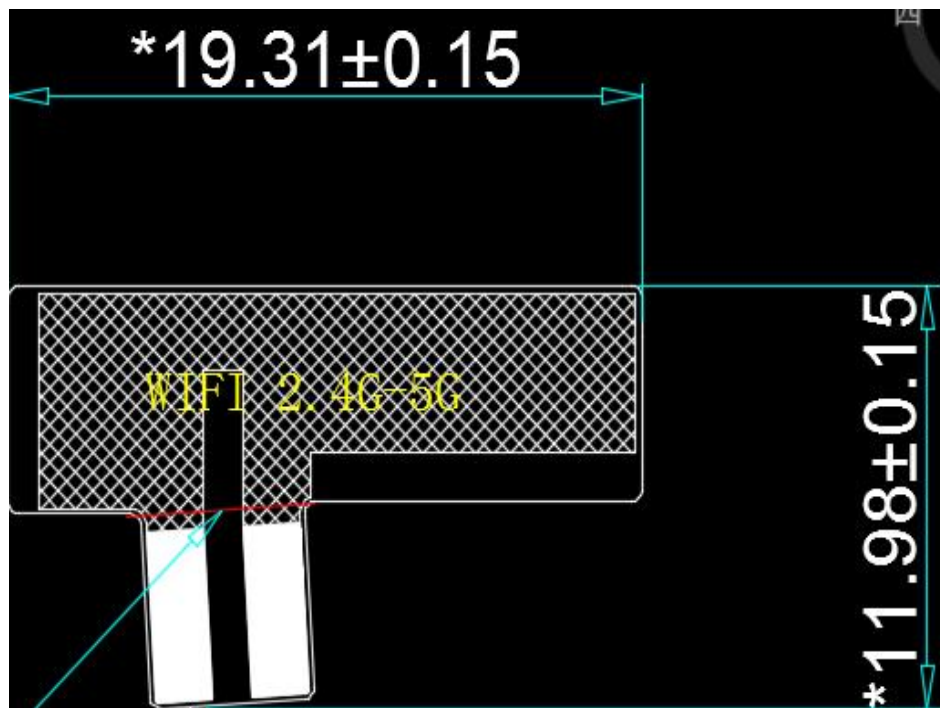
5.8G方向图

Parameters Graph Table											
		30	-0.27	0.70	0.69	-0.68	-1.24	-3.82	-3.56		
		60	-2.97	-0.36	1.23	0.39	-2.80	-8.37	-9.42		
		90	-13.24	-2.70	0.22	0.38	-3.02	-3.75	-14.26		
		120	-6.68	-3.40	0.07	0.54	-1.41	-4.56	-3.11		
		150	-1.65	-1.87	-0.12	-0.21	-3.18	-1.47	-1.63		
		180	-1.64	-1.22	0.02	0.16	-1.46	-1.41	-1.64		
Total	Point Values	Ant. Port Input Pwr. (dBm)	Tot. Rad. Pwr. (dBm)	Peak EIRP (dBm)	Directivity (dBi)	Efficiency (dB)	Efficiency (%)	Gain (dBi)	NHPRP 扇 i/4 (dBm)	NHPRP 扇 i/6 (dBm)	NHPRF i/8 (d
	Frequency (MHz)										
	5100	0	-2.03996	2.33784	4.3778	-2.03996	33.5178	-0.33784	-4.18596	-6.08108	-7.30
	5160	0	-2.53047	1.33183	3.8623	-2.53047	35.841	-0.33183	-4.60953	-6.47791	-7.70
	5220	0	-2.03896	1.24427	3.28323	-2.03896	34.5323	-0.44427	-3.92927	-5.67413	-6.85
	5280	0	-2.10708	1.62326	3.73034	-2.10708	35.559	-0.62326	-4.02619	-5.79879	-6.99
	5340	0	-1.64282	2.04345	3.68627	-1.64282	36.5043	-0.34345	-3.48209	-5.22522	-6.42
	5400	0	-1.65203	2.09088	3.74291	-1.65203	37.3592	-0.39088	-3.50669	-5.22594	-6.39
	5460	0	-2.12023	1.73741	3.85764	-2.12023	37.3729	-0.73741	-3.90299	-5.6042	-6.78
	5520	0	-1.15252	2.2496	3.40212	-1.15252	36.6917	-0.2496	-2.88919	-4.53157	-5.67
	5580	0	-2.17849	1.21556	3.39405	-2.17849	35.5551	-0.21556	-3.9404	-5.65465	-6.84
	5640	0	-2.19537	0.991036	3.18641	-2.19537	35.3202	-0.491036	-4.02855	-5.77552	-6.97
	5700	0	-1.7429	1.57575	3.31866	-1.7429	34.9437	-0.57575	-3.59202	-5.38633	-6.62
	5760	0	-2.21533	1.32351	3.53884	-2.21533	34.0437	-0.32351	-4.11928	-5.94614	-7.1
	5800	0	-1.80508	1.22854	3.03362	-1.80508	33.9921	-0.22854	-3.57123	-5.32156	-6.54

5.8G效率图



天线规格



合作 共赢

