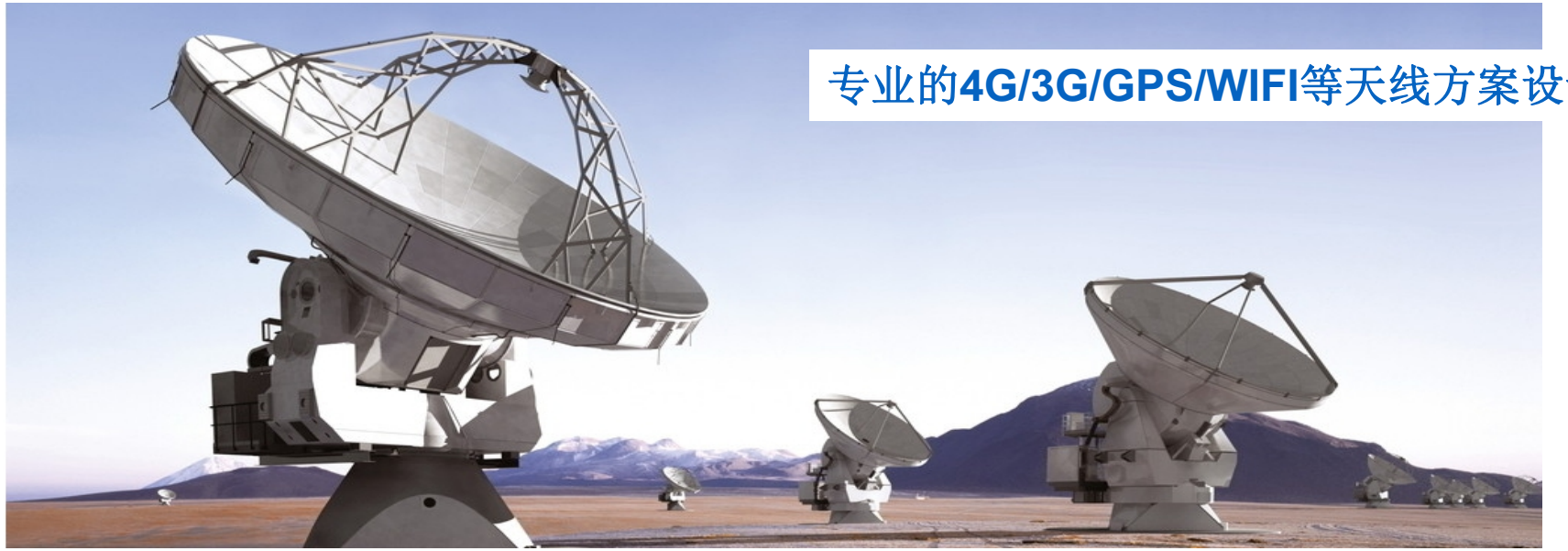
Antena Test Report

顺达成科技

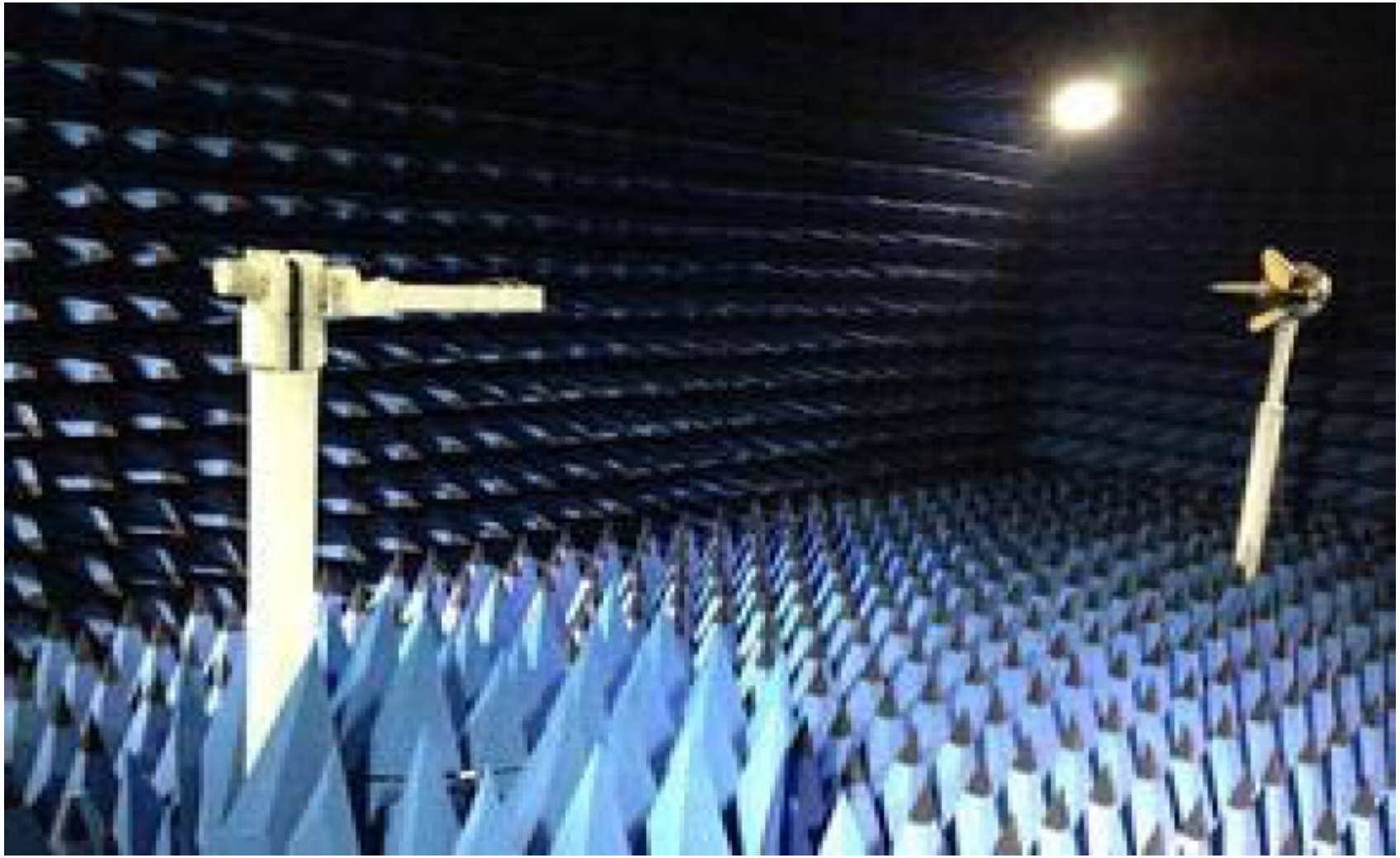


客户名称：芯图　　项目名称：M2701/Q2701W

频段：WIFI2.4G/5.8G/BT

版本：A　　制作日期：2023-8-7

Manfacturer:Shenzhen Shun reach technology Co., LTD
Address:401 Xinfu Industrial Park, Zhongqing Road, Heping Community, Fuhai Street, Baoan District, Shenzhen



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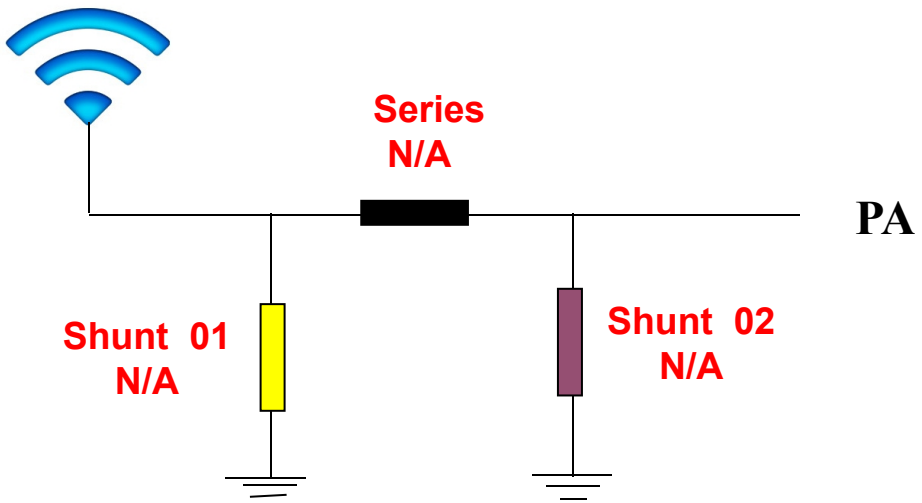
Antenna



Location	Description
Shunt 01	N/A
Series	N/A
Shunt 02	N/A

S11 SWR /Smith/ Log Mag

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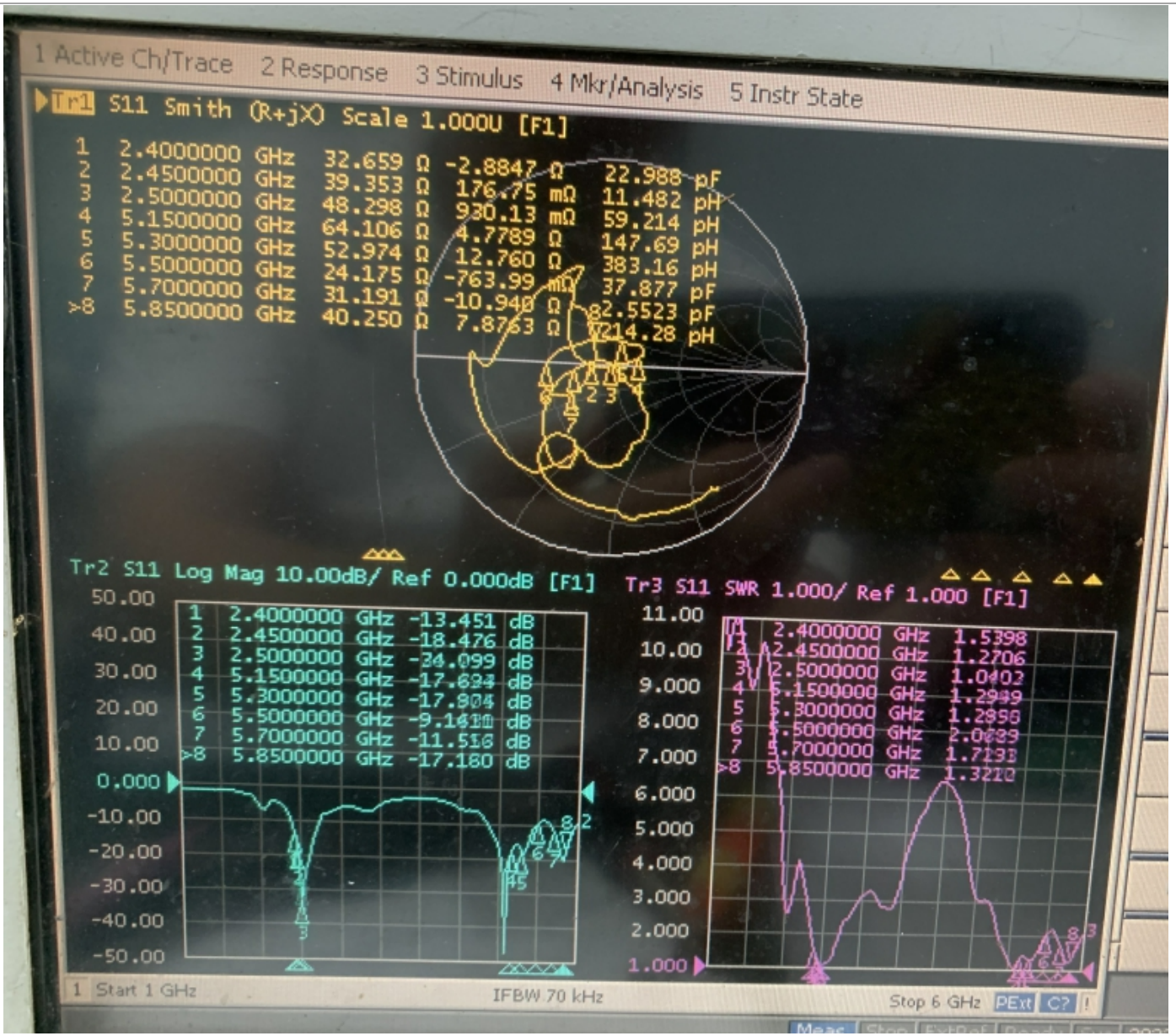


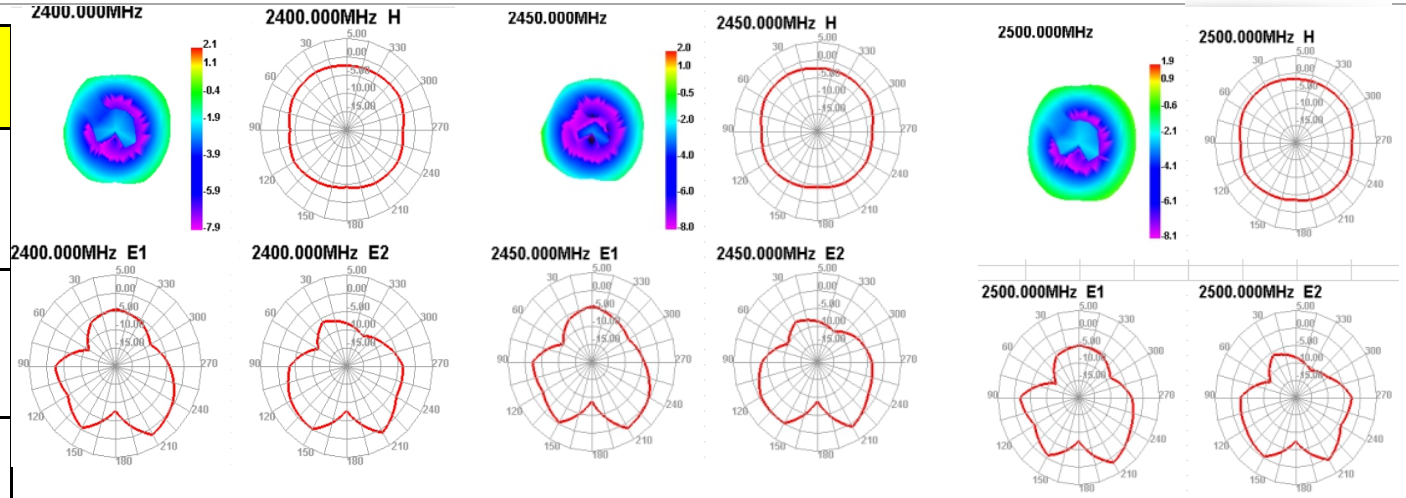
频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
驻波比	1. 53	1. 27	1. 04	1. 29	1. 29	1. 82	1. 71	1. 32

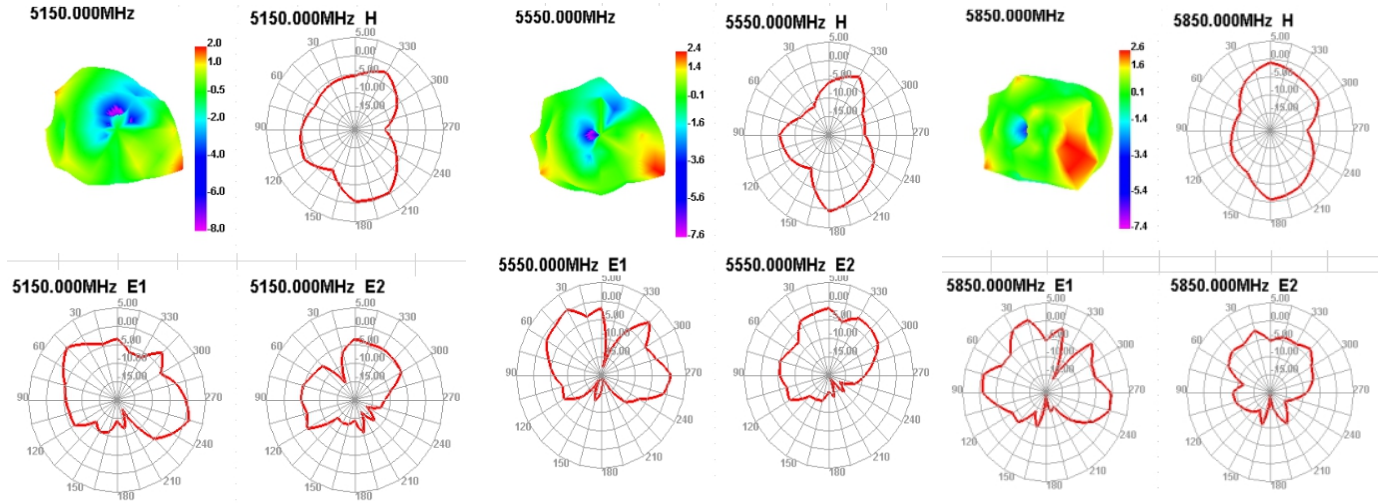
频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
阻抗	32. 6 Ω	39. 3 Ω	48. 2 Ω	64. 1 Ω	52. 9 Ω	24. 1 Ω	31. 1 Ω	40. 2 Ω

频率 (MHZ)	2400	2450	2500	5150	5300	5500	5700	5850
回损	−13. 4	−18. 4	−24	−17. 6	−17. 9	−9. 14	−11. 5	−17. 1

增益&效率

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	51.8	2.13
2450	52.3	1.98
2500	51.68	1.91
5150	48.73	1.88
5350	48.17	2.16
5500	47.59	2.36
5750	46.08	1.94
5850	47.72	2.57





WIFI OTA Data

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2.4G	802.11b，(2.4G)11M		
Channel	CH1	CH6	CH11
TRP	16.04	15.71	15.65
TIS	-80.42	-80.58	-80.76

5.8G	802.11A，(5.8G)54M		
Channel	CH36	CH60	CH161
TRP	11.14	11.22	10.92
TIS	-71.3	-71.27	-70.81

主板传导数据

顺达成科技

2.4G	802.11b，(2.4G)11M		
信道	CH1	CH6	CH11
功率	18	18	18
灵敏度			-87

5.8G	802.11A，(5.8G)54M		
Channel	CH36	CH60	CH161
TRP	14	14	13.5
TIS			-75

注意事项

WiFi端子线从机身后方出线

天线安装位置图

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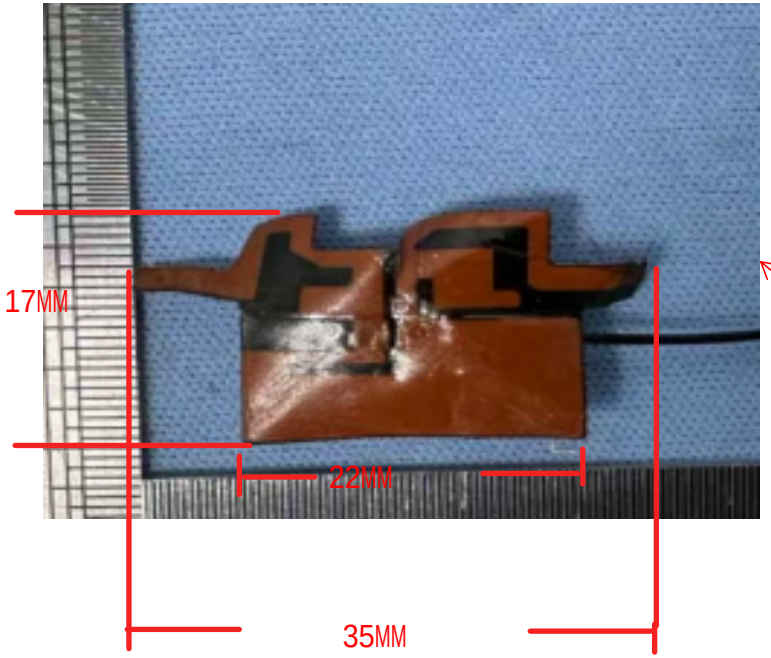

WiFi天线

Thanks