



深圳汉阳天线设计有限公司

SHENZHEN HANYANG ANTENNA DESIGN CO. LTD.

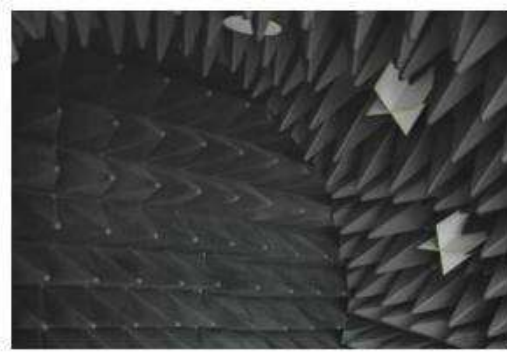
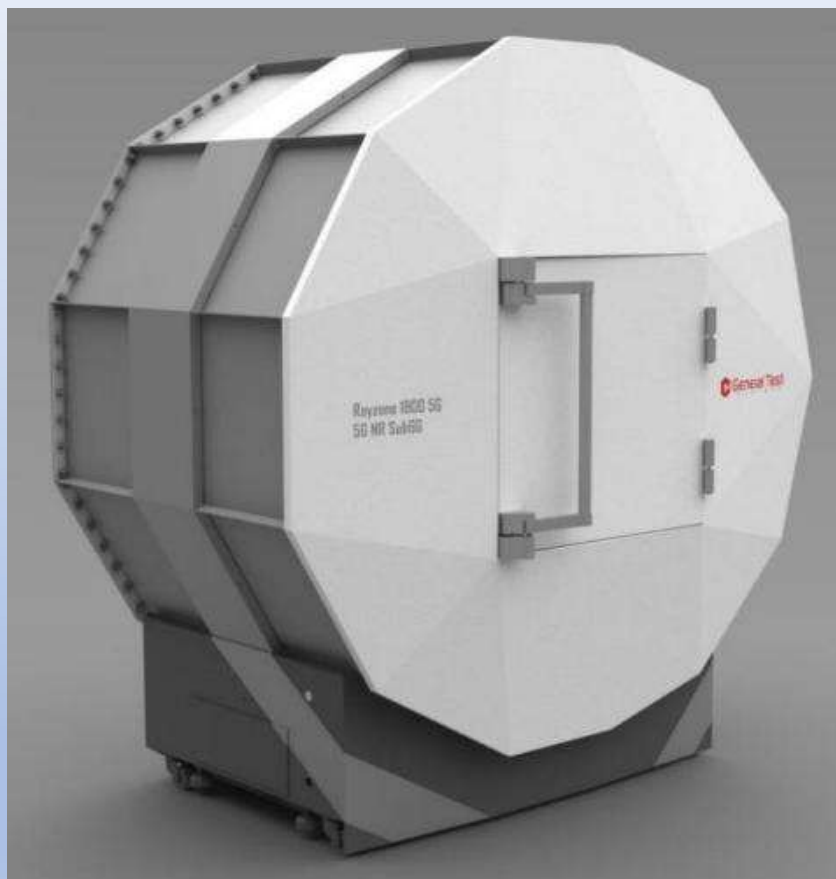
Antenna Test Report

Model:WXT5E

Manufacturer:Hui Zhou Gaoshengda Technology Co., LTD

Address:No. 2, Jin-da Road, Huinan High-tech Industrial Park, Hui-ao Avenue, Huizhou

日期: 2023-02-03

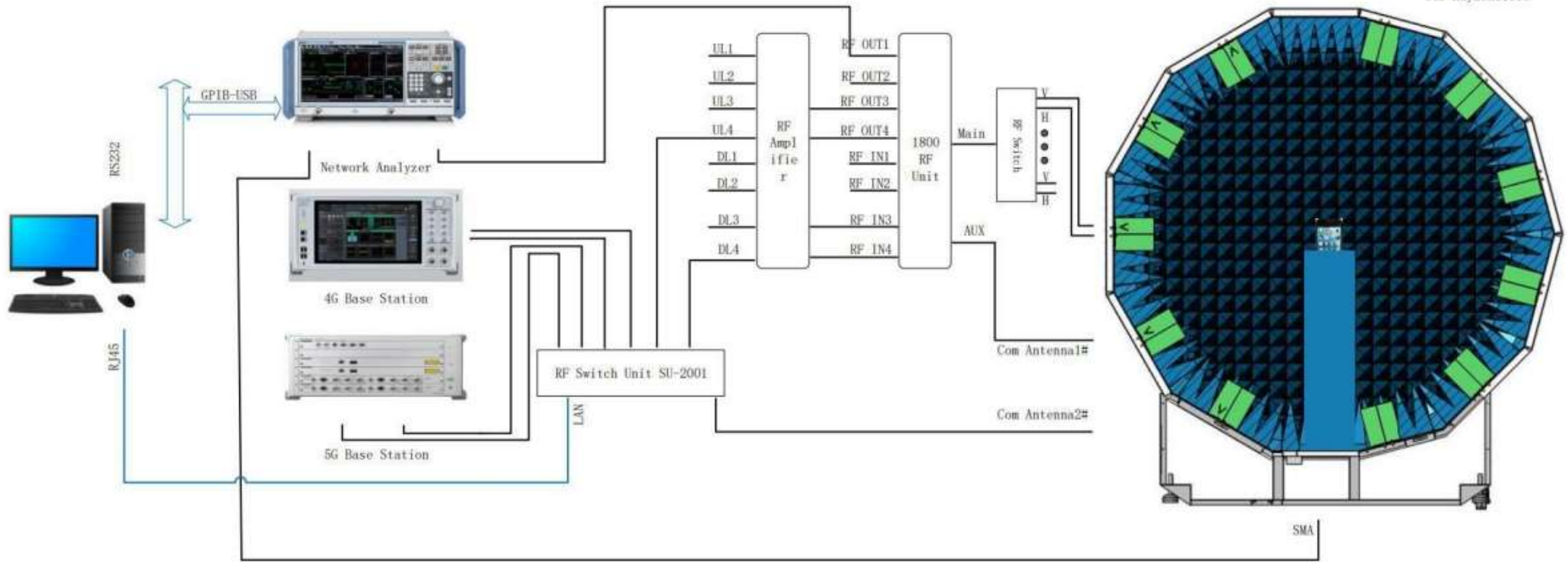


- 无线通信标准: 2G/3G/4G/5G(FR1)/GNSS/A-GNSS/Wi-Fi/Bluetooth
- 物联网通信标准: LTE Cat NB1(NB-IoT)/Cat-M1(e-MTC)
- SISO测试TRP/TIS/EIRP/EIS, 2x2 MIMO吞吐率测试;
- 无源天线测试、Desense测试、ICS
- 支持600MHz-7.5GHz频段
- GTS MaxSign 100 测试软件支持天线/OTA测试, 提供可视化数据分析
- 新型EPP硬质环保吸波材料、低RCS高增益测量天线组、透波转台和夹具
- 快速MIMO测试; 认证级测试精度
- 一体化设计, 即插即用, 维护简单



RayZone1800 Test Setup

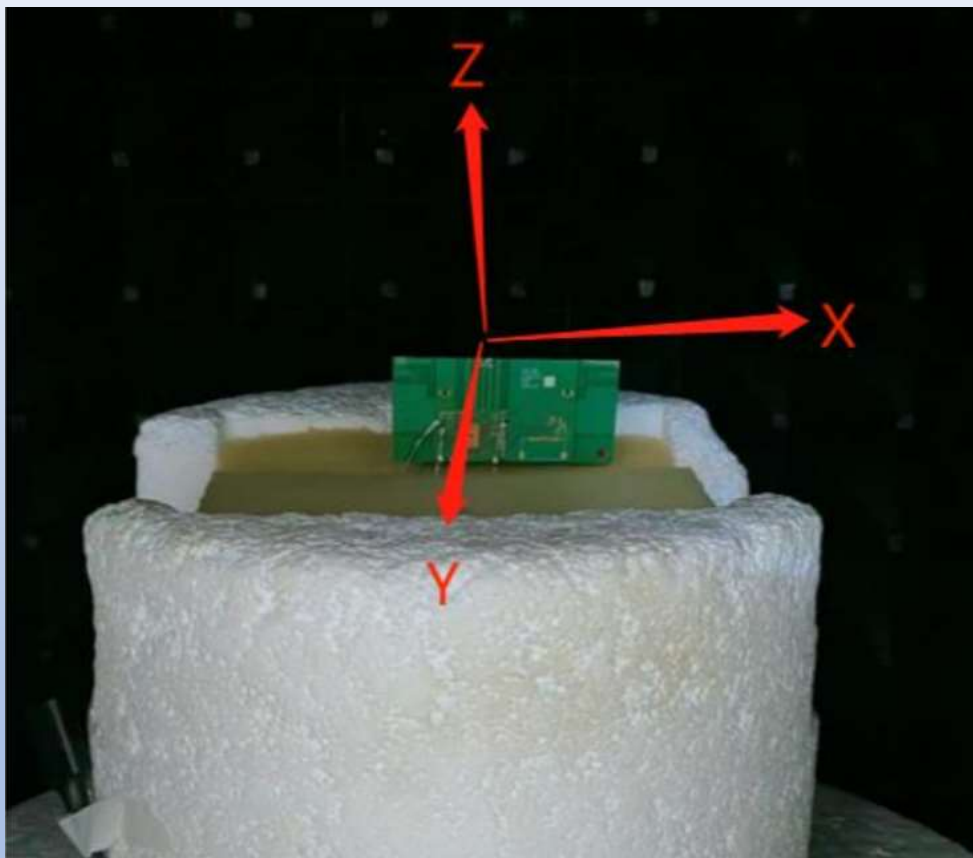
Anechoic Chamber
GTS RayZone1800



模块放置方式



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WIFI 1 无源测试数据



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2.4G

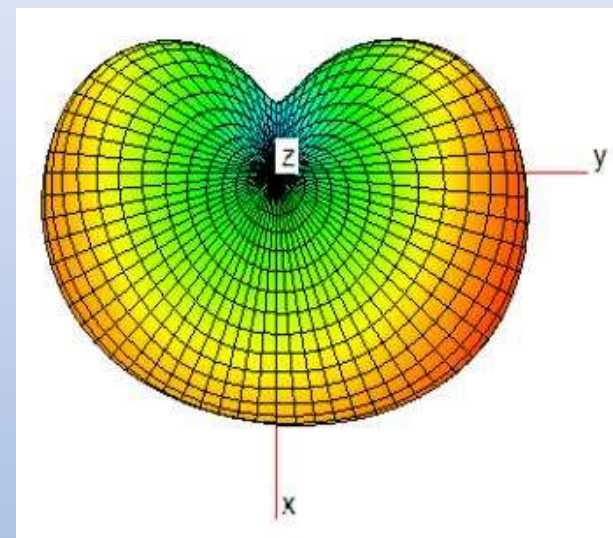
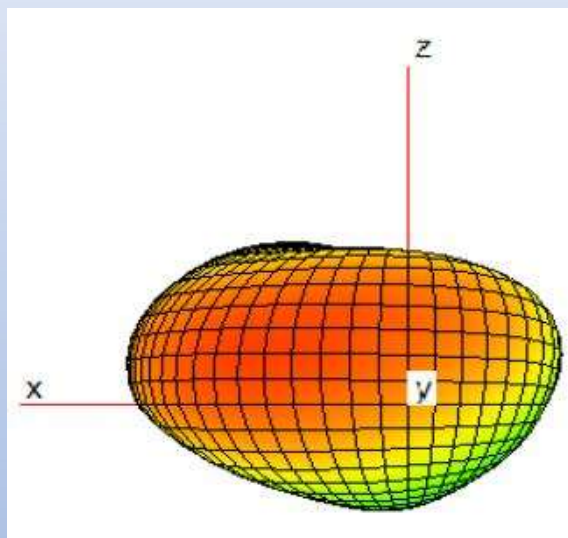
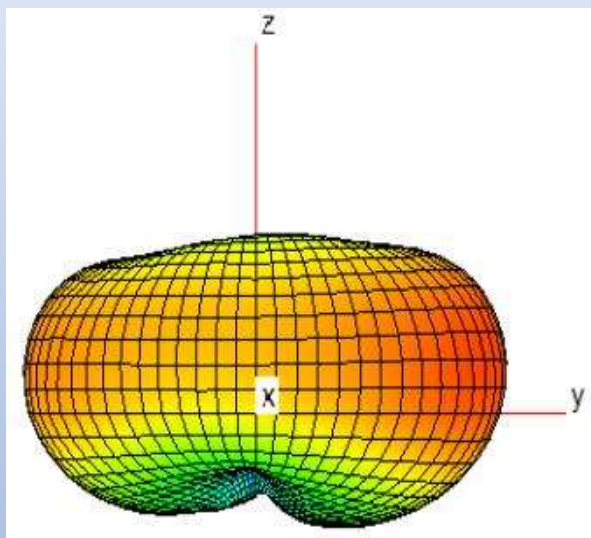
WIEI-1			
Freq	EfficiencydB	EfficiencyPcent	Gain
2300	-5.19	30.3	-1.84
2310	-4.8	33.14	-1.48
2320	-4.44	36.01	-1.13
2330	-4	39.81	-0.7
2340	-3.59	43.71	-0.26
2350	-3.25	47.33	0.01
2360	-2.89	51.41	0.3
2370	-2.66	54.23	0.52
2380	-2.43	57.21	0.79
2390	-2.24	59.65	1.04
2400	-2.11	61.57	1.18
2410	-2.05	62.42	1.21
2420	-2.01	62.96	1.36
2430	-2.08	61.89	1.31
2440	-2.25	59.53	1.17
2450	-2.46	56.74	1.07
2460	-2.73	53.31	0.92
2470	-3.03	49.83	0.6
2480	-3.32	46.54	0.39
2490	-3.72	42.49	0.04
2500	-4.09	39.01	-0.31
2510	-4.44	36	-0.57
2520	-4.75	33.48	-0.83
2530	-5.06	31.19	-1.12
2540	-5.39	28.92	-1.43
2550	-5.75	26.63	-1.78
2560	-6.07	24.74	-2.12
2570	-6.35	23.15	-2.38
2580	-6.69	21.43	-2.65
2590	-6.96	20.16	-2.8
2600	-7.26	18.78	-3.09

5.8G

WIEI-1			
Freq	EfficiencydB	EfficiencyPcent	Gain
5150	-1.92	64.3	2.17
5175	-1.89	64.73	2.02
5200	-1.78	66.36	2.13
5225	-1.73	67.19	2.07
5250	-1.76	66.66	1.97
5275	-1.97	63.56	1.64
5300	-2.06	62.26	1.49
5325	-2.05	62.39	1.42
5350	-1.91	64.4	1.48
5375	-1.72	67.28	1.58
5400	-1.64	68.56	1.46
5425	-1.63	68.68	1.59
5450	-1.78	66.38	1.52
5475	-1.98	63.34	1.31
5500	-2.03	62.66	1.23
5525	-1.96	63.63	1.51
5550	-1.88	64.83	1.72
5575	-1.69	67.81	1.76
5600	-1.64	68.53	1.86
5625	-1.59	69.33	1.99
5650	-1.69	67.83	1.96
5675	-1.86	65.22	1.75
5700	-1.96	63.74	1.83
5725	-2	63.06	1.71
5750	-2.02	62.78	1.54
5775	-2.03	62.68	1.37
5800	-2.04	62.59	1.37
5825	-2.11	61.51	1.27
5850	-2.11	61.54	1.38

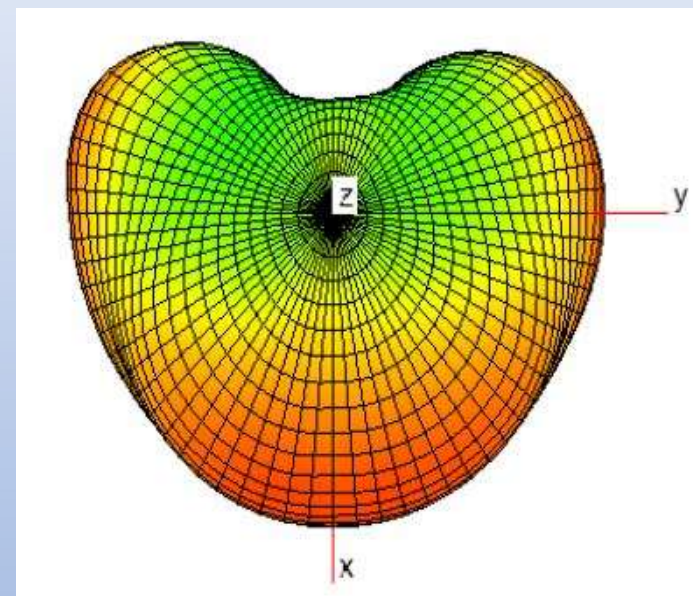
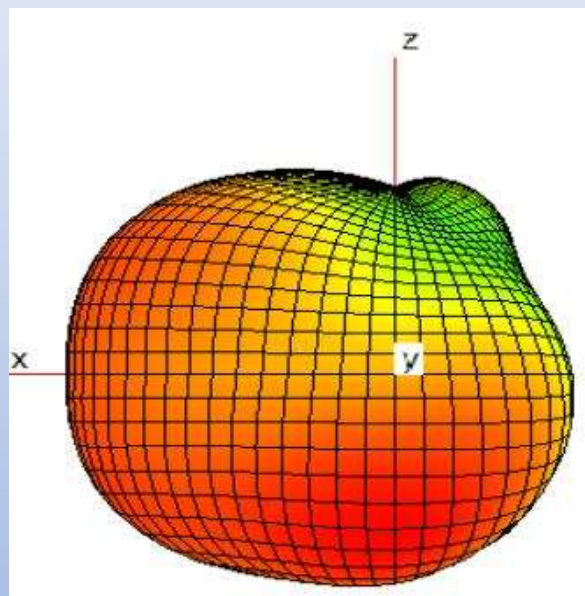
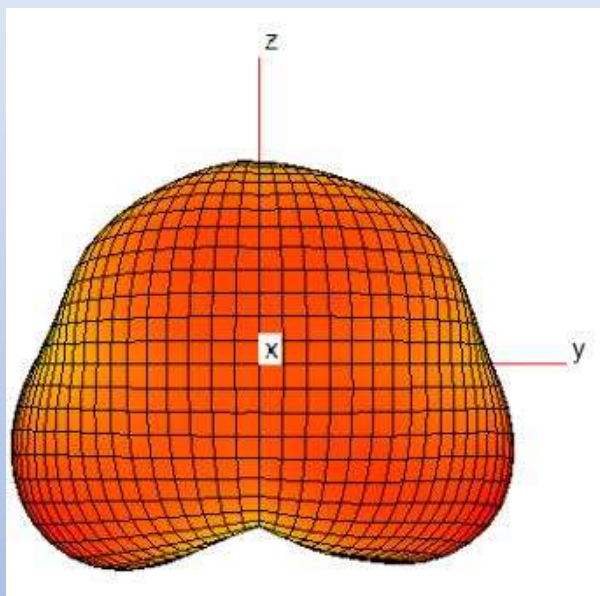


2450MHZ





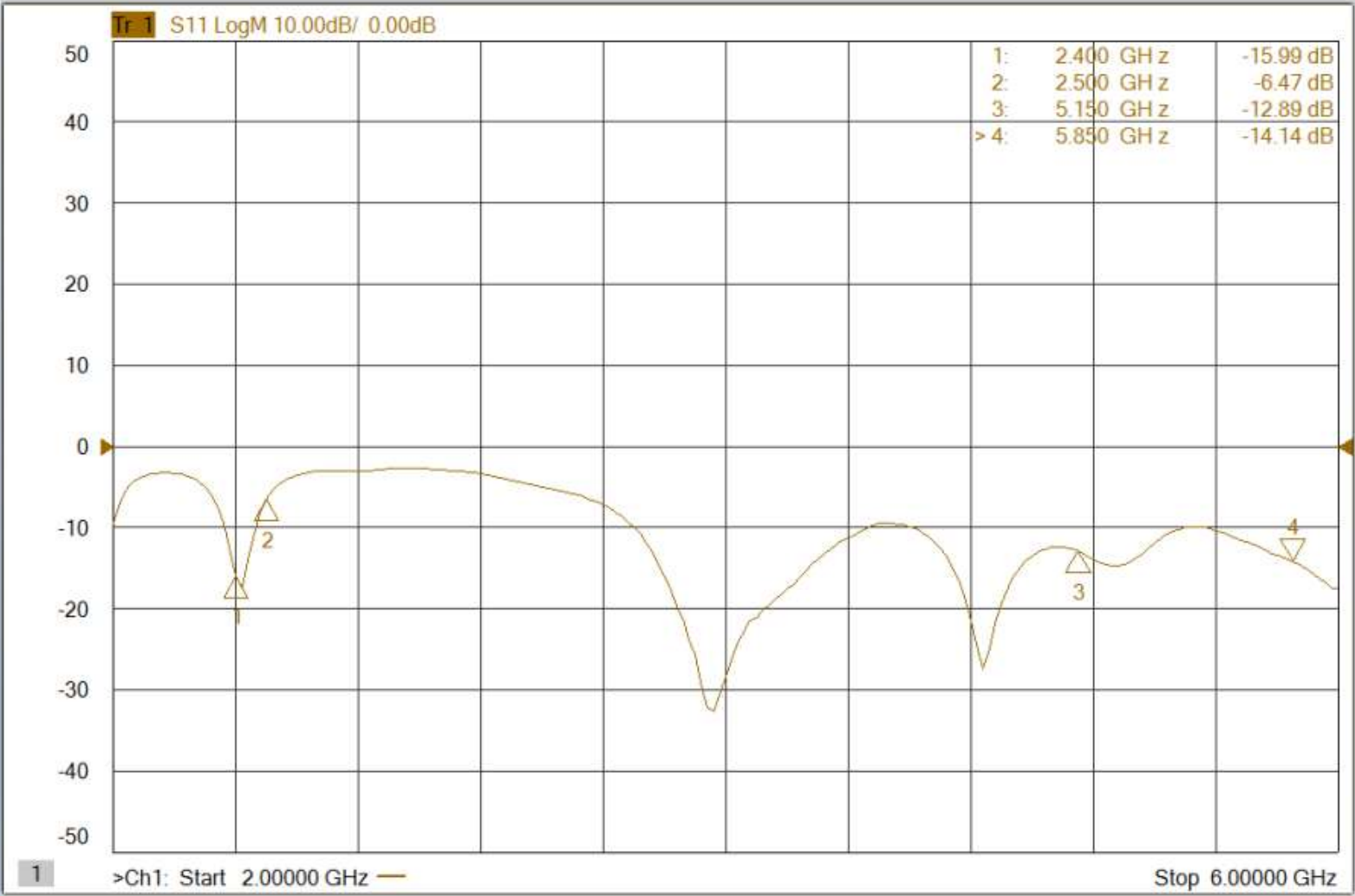
5650MHZ



WiFi1 S11 LogM



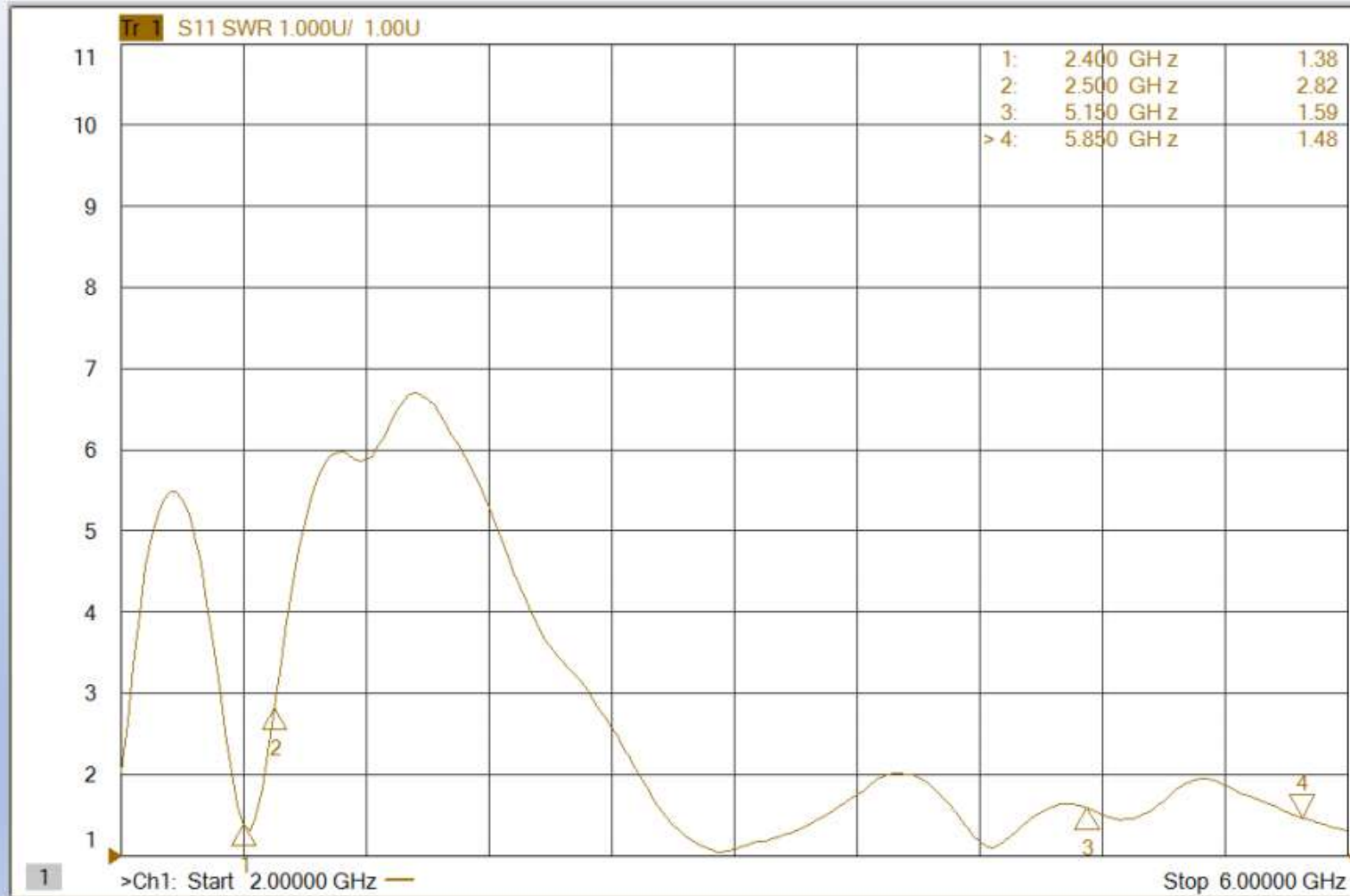
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WIFI1 S11 SWR



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5G

Welcome calls consultations, negotiations and guidance come!

Thank you

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电话：**0755-23069700**

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