



深圳华讯视通科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.

P93-BT Antenna test report

2024-7-23

深圳市华讯视通科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.

地址：深圳市宝安区航城街道黄田大门路1号鸿丰华互联网创意园F3-005

Address: F3-005, Hongfeng Hua Internet Creative Park, No.1, Huangtian Gate Road, Hangcheng Street, Baoan District, Shenzhen

胡小威：18681511432

Hu Xiaowei: 18681511432





深圳华讯视通科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.

Test the items and the equipment

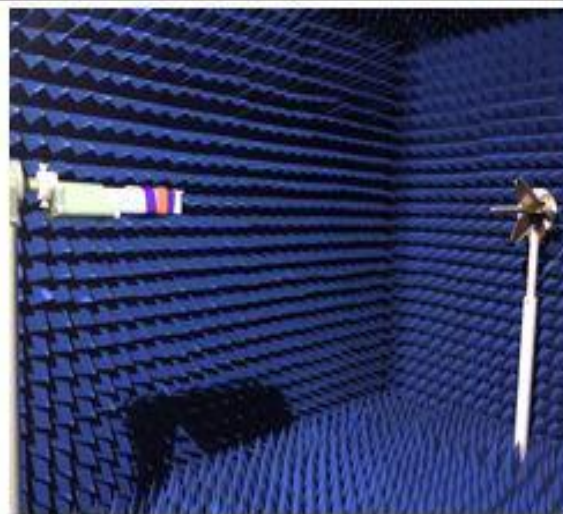
	测试项目 (Test item)	设备 (Equipment)
1. S参数 (S-parameter)	1. 回波损耗 (Return Loss) 2. 电压驻波比 (VSWR)	网络分析仪 (Network analyzer) : Agilent E5071B HP 8753D
2. 有源测试 (Active)	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS)	暗室 (Dark room) : ETS 7x4x3 m (3D) 1. Chamber ETS 5x3x3 m (3D) Chamber 2. 综合测试仪 (Comprehensive tester) : Agilent 8960 E5515B × 2 StarPoint SP6011
3. 无源测试 (Passive)	1. 天线增益 (Gain) 2. 天线效率 (Efficiency)	暗室 (Dark room) : ETS 7x4x3 m (3D) 1. Chamber ETS 5x3x3 m (3D) Chamber 网络分析仪 (Network analyzer) : Agilent 2. E5071B HP 8753D





深圳华讯视通科技有限公司

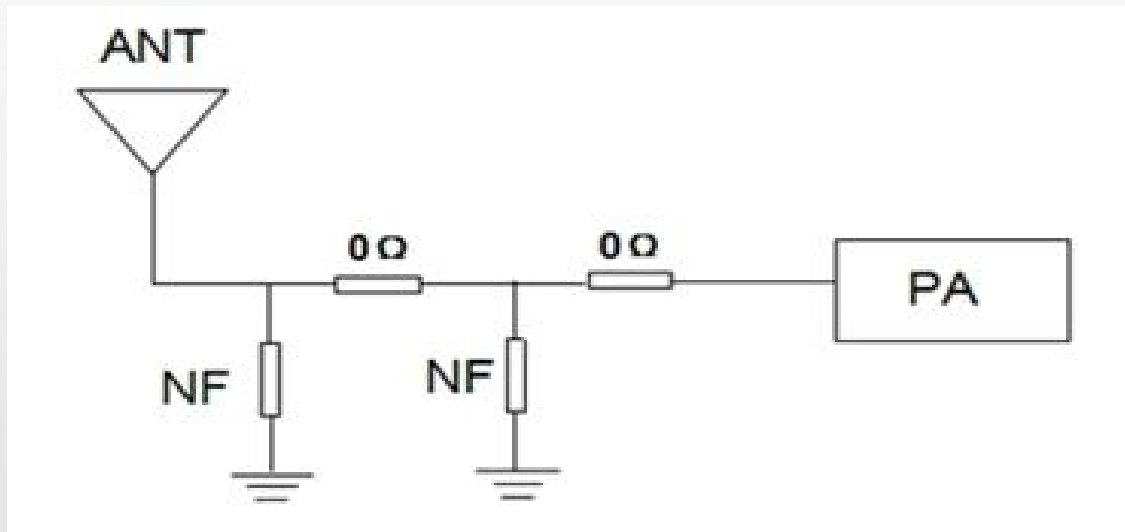
Shenzhen Huaxunshitong Technology Co.,Ltd.





深圳华讯视通科技有限公司
Shenzhen Huaxunshitong Technology Co.,Ltd.

匹配电路 Building-out circuit



我司未对匹配电路做任何修改

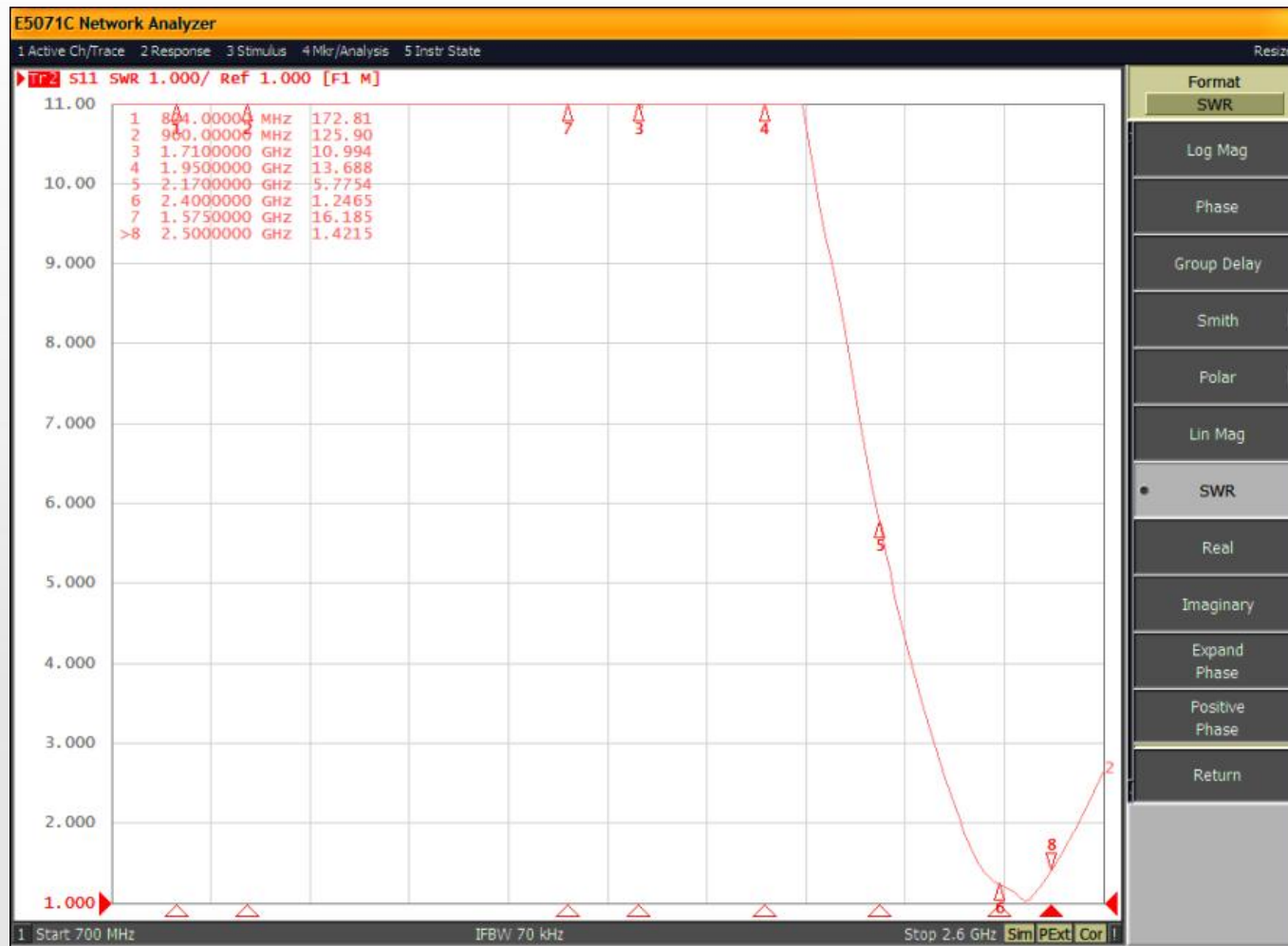
We have not made any modifications to
the matching circuit





深圳华讯视通通讯科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.





深圳华讯视通通讯科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.

BT增益与效率(BT gain and efficiency)

Passive Test For WIFI2.4										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	53.75	-2.7	1.07	-1.08	29.839	23.915	1.07	-12.36	52.03	53.99
2410	52.53	-2.8	1.36	-0.79	29.277	23.254	1.36	-12.66	51.99	53.84
2420	45.27	-3.44	0.93	-1.22	25.085	20.183	0.93	-13.88	52.04	53.98
2430	44.89	-3.48	0.82	-1.33	24.817	20.072	0.82	-13.91	52.23	54.02
2440	56.13	-2.51	1.69	-0.46	31.253	24.876	1.69	-12.48	52.54	54.25
2450	52.48	-2.8	1.3	-0.85	29.203	23.28	1.3	-12.62	52.64	54.11
2460	47.47	-3.24	0.88	-1.27	26.704	20.768	0.88	-12.52	52.59	54.02
2470	49.39	-3.06	1.01	-1.14	27.997	21.394	1.01	-12.17	52.66	54.04
2480	57.15	-2.43	1.68	-0.47	32.513	24.636	1.68	-11.84	53.06	54.43
2490	62.03	-2.07	2.13	-0.02	35.74	26.288	2.13	-12.93	53.33	54.57
2500	51.26	-2.9	1.45	-0.7	29.748	21.509	1.45	-13.99	53.11	54.29



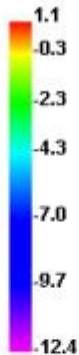
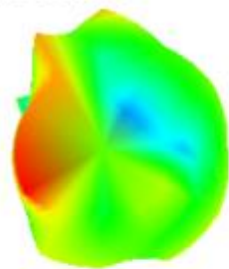


深圳华讯视通通讯科技有限公司

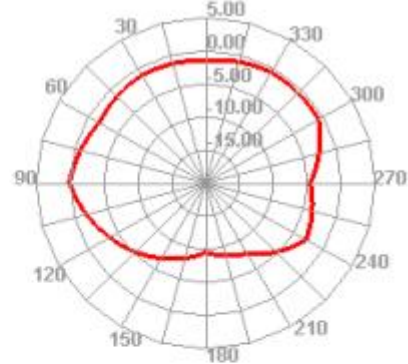
Shenzhen Huaxunshitong Technology Co.,Ltd.



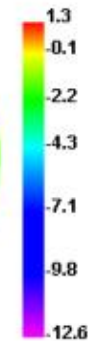
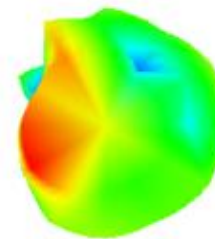
2400.000MHz



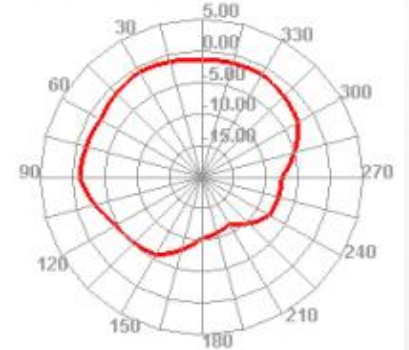
2400.000MHz H



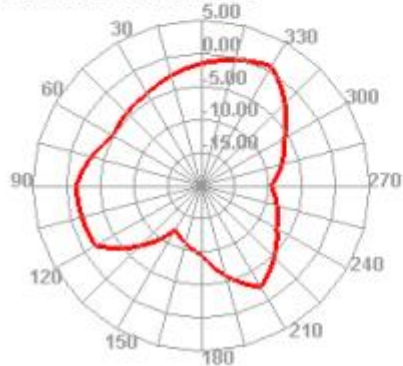
2450.000MHz



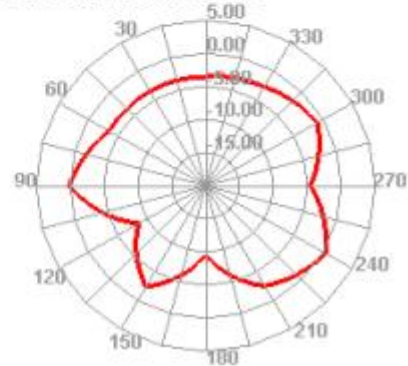
2450.000MHz H



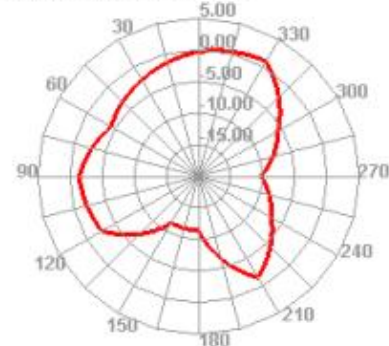
2400.000MHz E1



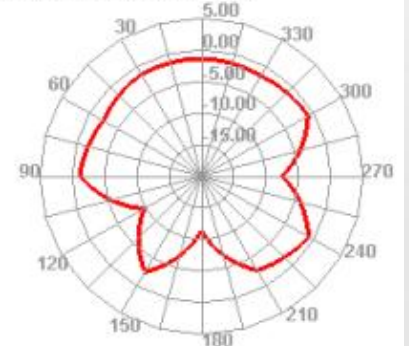
2400.000MHz E2



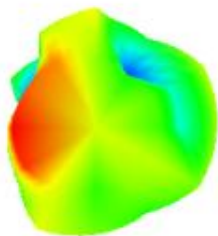
2450.000MHz E1



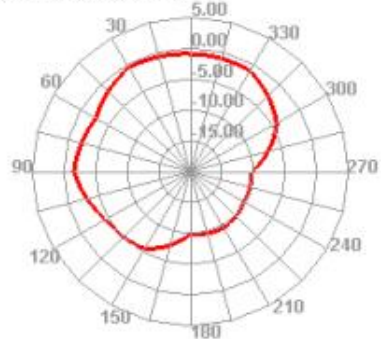
2450.000MHz E2



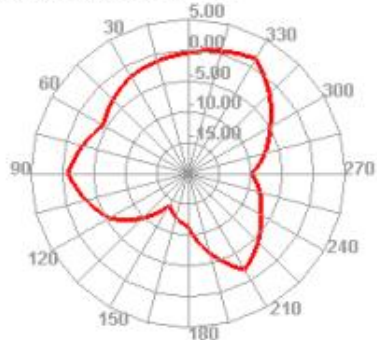
2500.000MHz



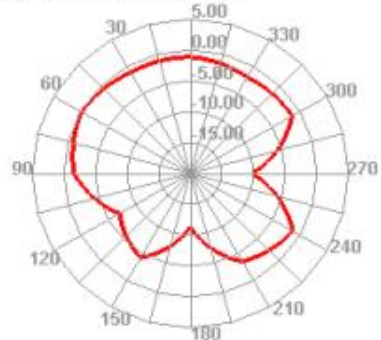
2500.000MHz H



2500.000MHz E1



2500.000MHz E2





深圳华讯视通科技有限公司
Shenzhen Huaxunshitong Technology Co.,Ltd.

○实物图(picture of real products)

