



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

816N- BT天线测试报告

2024-9-11





深圳华讯视通科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.

测试项目与设备

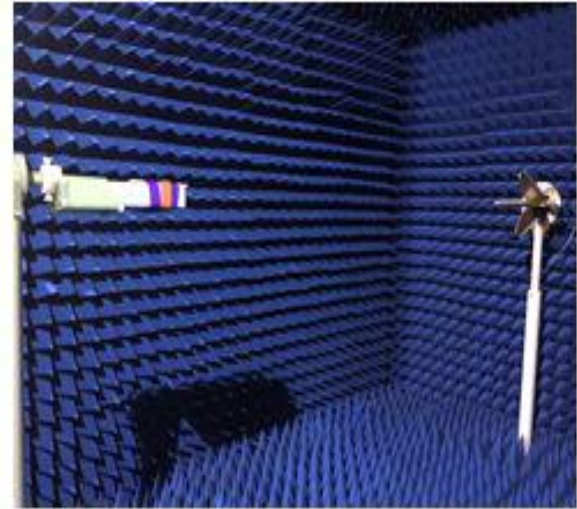
	测试项目	设备
1. S参数 (S-parameter)	1 · 回波损耗 (Return Loss) 2 · 电压驻波比 (VSWR)	网络分析仪: Agilent E5071B HP 8753D
2. 有源测试 (Active)	1 · 发射功率 (TRP) 2 · 接收灵敏度 (TIS)	1 · 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2.综合测试仪: Agilent 8960 E5515B × 2 StarPoint SP6011
3.无源测试 (Passive)	1.天线增益 (Gain) 2.天线效率 (Efficiency)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





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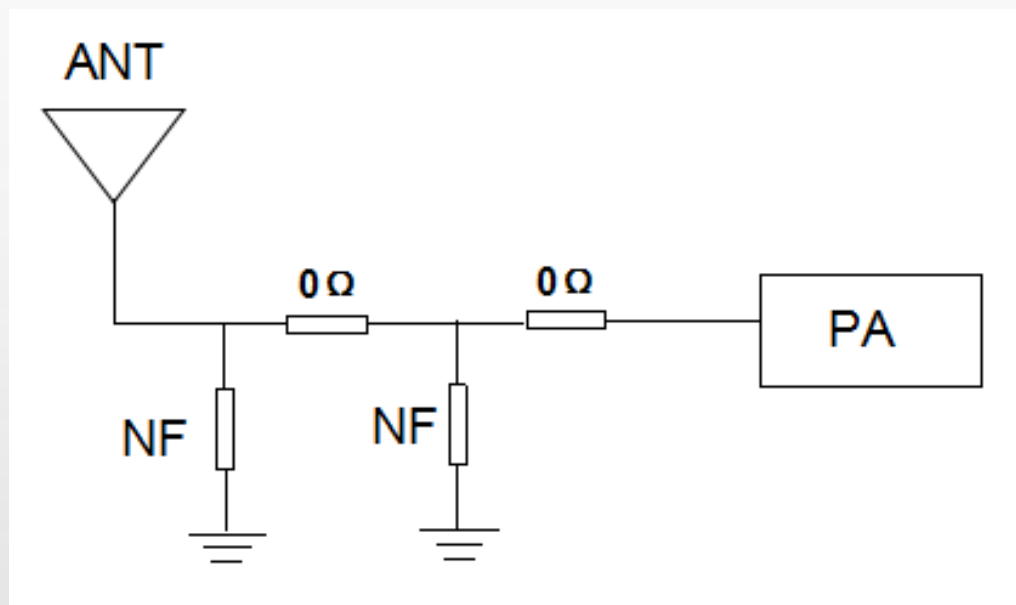
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匹配电路-BT天线



我司未对匹配电路做任何修



位置摆放图

BT天线安装位置



BT Antenna test results

Test Environment: Open Outdoor Area

Distance Test: The phone is connected to the band and fixed on a 1.4M high stand.

Wearing the band correctly, gradually move away from the phone.

Test Phone: iOS

1. Controlling Phone Switching: Over 15 meters
2. Playing Music: Over 15 meters
3. Chest-Face Call: Over 15 meters

Test Phone: Android

1. Controlling Phone Switching: Over 15 meters
2. Playing Music: Over 15 meters
3. Chest-Face Call: Over 15 meters



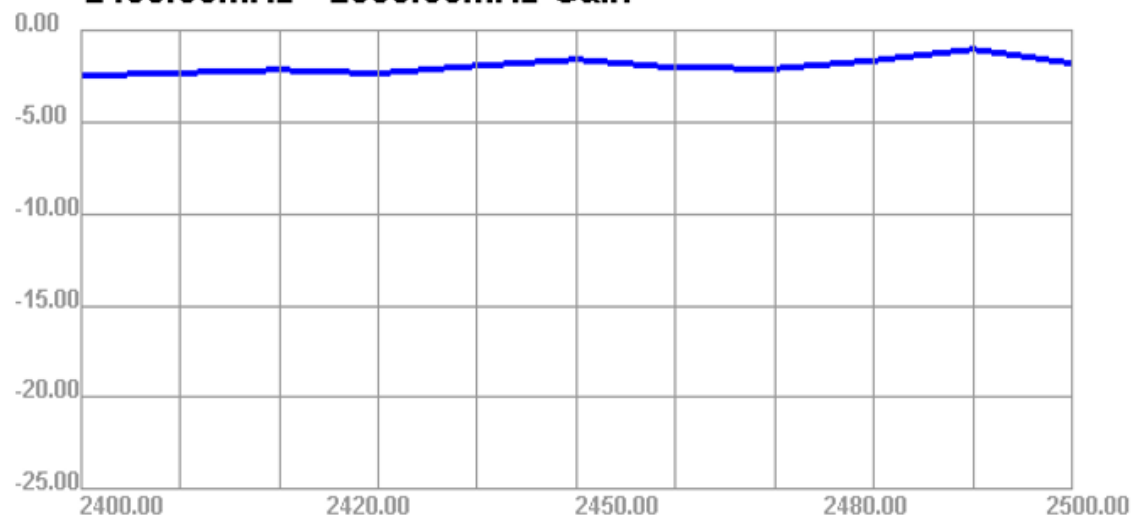
增益与效率

Passive Test For WIFI2.4										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	19.96	-7	-2.49	-4.64	9.4	10.56	-2.49	-31.84	52.03	53.99
2410	20.6	-6.86	-2.33	-4.48	9.75	10.853	-2.33	-30.32	51.99	53.84
2420	21.72	-6.63	-2.17	-4.32	10.411	11.305	-2.17	-37.69	52.04	53.98
2430	20.54	-6.87	-2.36	-4.51	9.891	10.649	-2.36	-30.52	52.23	54.02
2440	22.16	-6.54	-1.94	-4.09	10.607	11.553	-1.94	-31.99	52.54	54.25
2450	24.24	-6.15	-1.61	-3.76	11.63	12.609	-1.61	-30.37	52.64	54.11
2460	22.45	-6.49	-2.05	-4.2	10.72	11.732	-2.05	-31.47	52.59	54.02
2470	21.27	-6.72	-2.1	-4.25	10.309	10.962	-2.1	-33.93	52.66	54.04
2480	23.16	-6.35	-1.66	-3.81	11.312	11.844	-1.66	-33.93	53.06	54.43
2490	26.61	-5.75	-1.05	-3.2	13.18	13.431	-1.05	-34.47	53.33	54.57
2500	22.38	-6.5	-1.81	-3.96	11.119	11.259	-1.81	-40.75	53.11	54.29

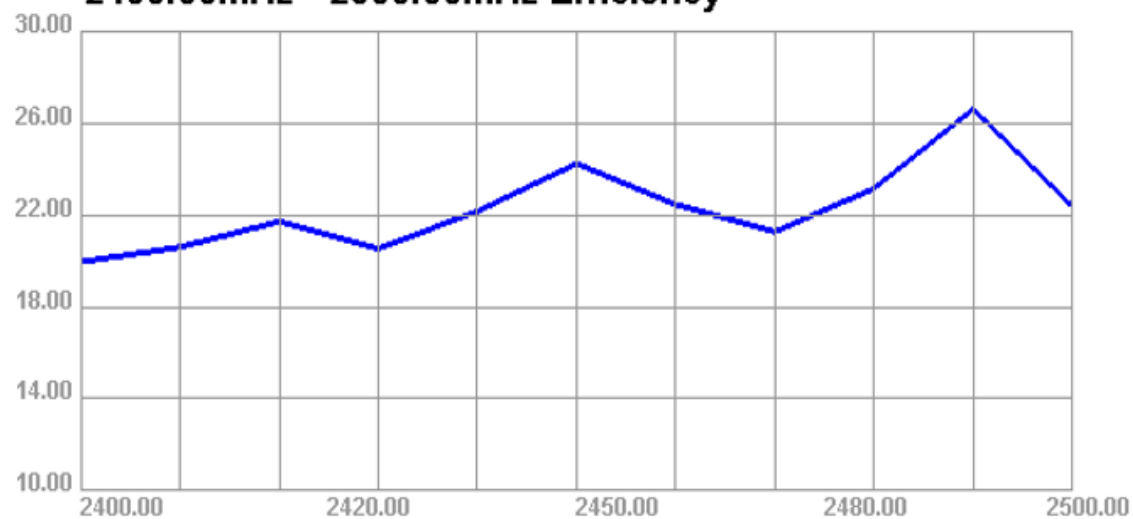


增益与效率

2400.00MHz - 2500.00MHz Gain

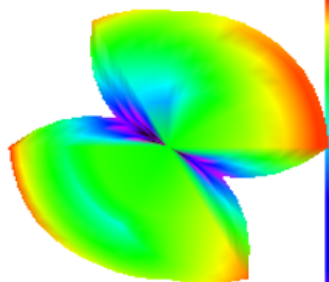


2400.00MHz - 2500.00MHz Efficiency

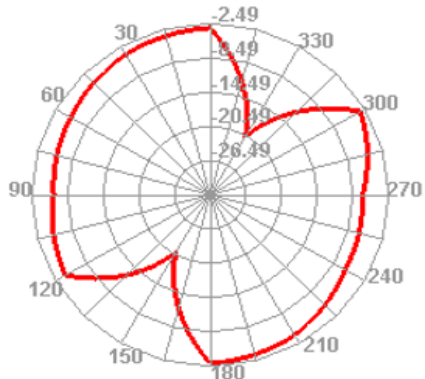


增益与效率

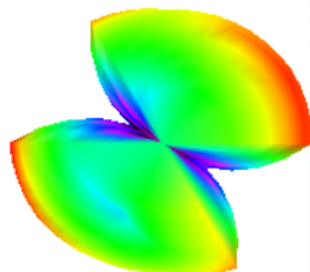
2400.000MHz



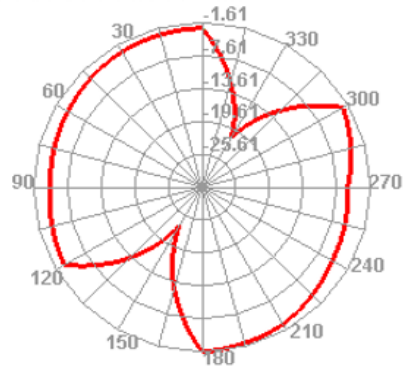
2400.000MHz H



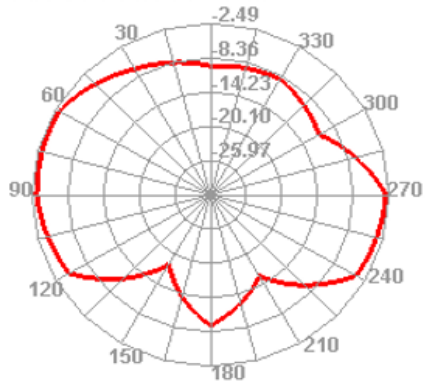
2450.000MHz



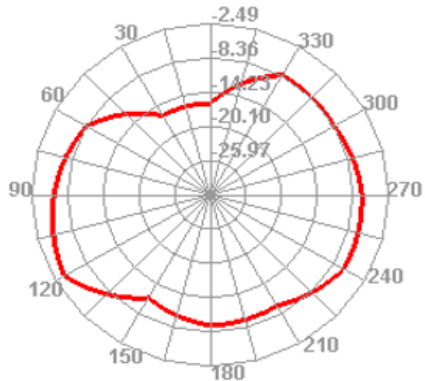
2450.000MHz H



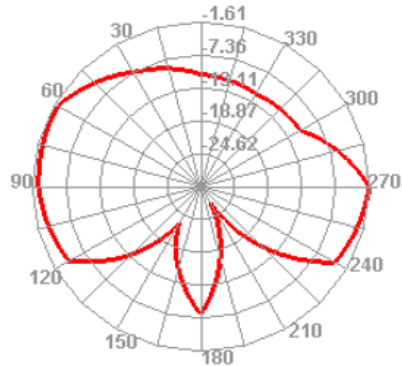
2400.000MHz E1



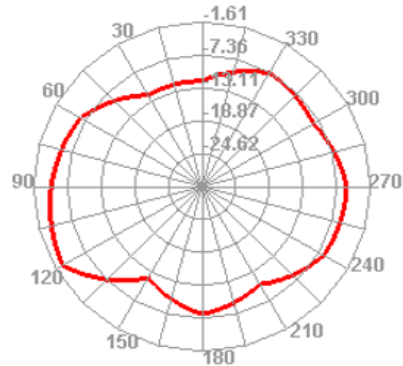
2400.000MHz E2



2450.000MHz E1



2450.000MHz E2





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Thanks !

