



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

H01- BT天线测试报告

2024-12-14





深圳华讯视通科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.

测试项目与设备

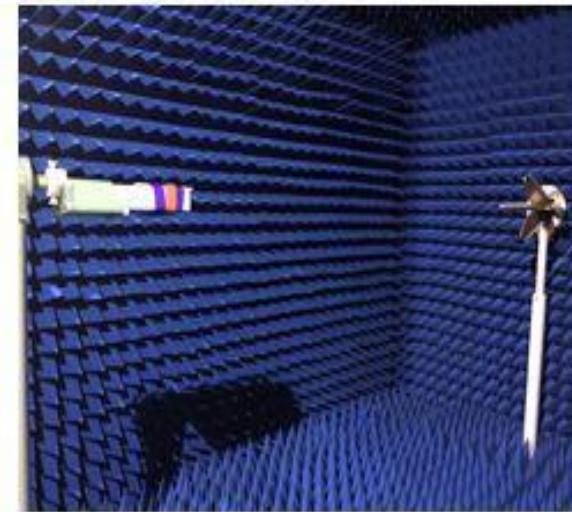
	测试项目	设备
1. S参数 (S-parameter)	1. 回波损耗 (Return Loss) 2. 电压驻波比 (VSWR)	网络分析仪: Agilent E5071B HP 8753D
2. 有源测试 (Active)	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS)	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. 综合测试仪: Agilent 8960 E5515B × 2 StarPoint SP6011
3. 无源测试 (Passive)	1. 天线增益 (Gain) 2. 天线效率 (Efficiency)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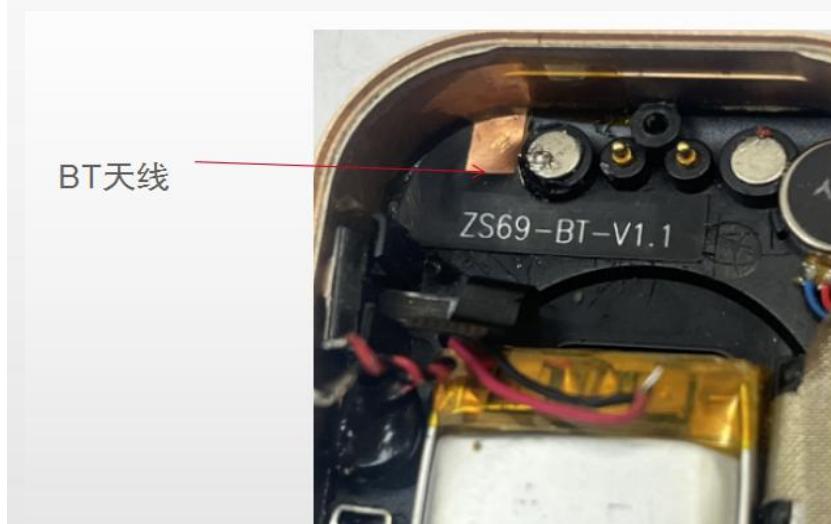
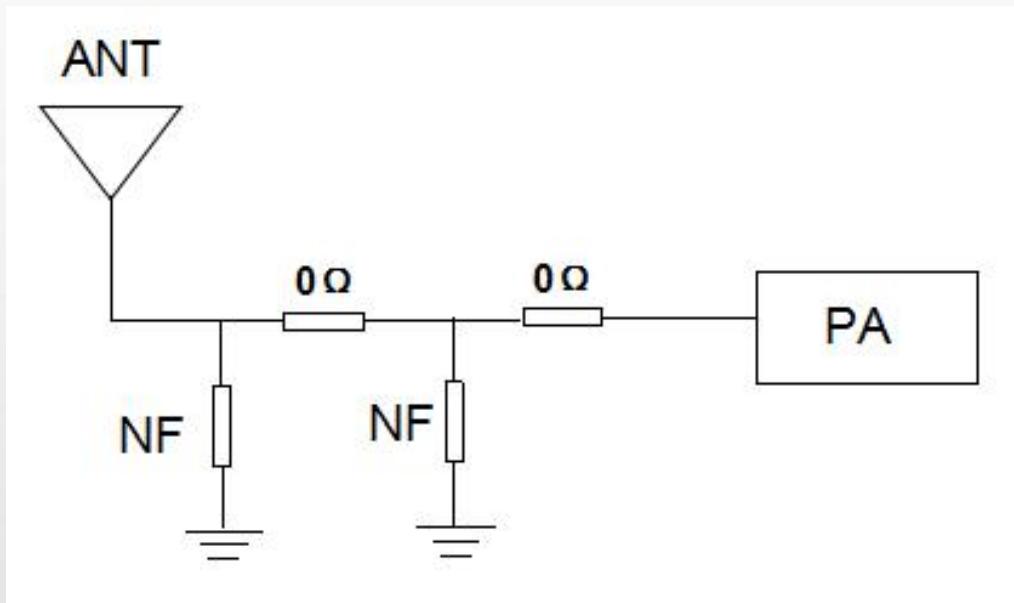
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匹配电路-BT天线



我司未对匹配电路做任何修



效率与增益

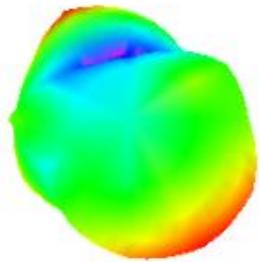
Passive Test For WIFI2.4

Freq (MHz)	Effi (%)	Effi (dE)	Gain (dBi)	Gain (dEd)	UHIS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	16.58	-7.8	-3.59	-5.74	8.505	8.079	-3.59	-17.89	55.76	57.21
2410	18.06	-7.43	-4.08	-6.23	10.078	7.981	-4.08	-19.83	55.83	58.53
2420	18.11	-7.42	-3.53	-5.68	9.534	8.578	-3.53	-15.99	56.07	58.09
2430	20.43	-6.9	-4.03	-6.18	11.073	9.357	-4.03	-16.34	56.25	58.05
2440	20.51	-6.88	-3.68	-5.83	11.024	9.489	-3.68	-22.22	56.61	58.56
2450	21.7	-6.64	-3.61	-5.76	11.534	10.168	-3.61	-17.94	56.87	58.64
2460	20.77	-6.82	-3.84	-5.99	11.417	9.357	-3.84	-16.42	56.54	57.97
2470	20.35	-6.92	-3.15	-5.3	11.26	9.087	-3.15	-15.42	56.17	58.01
2480	19.98	-6.99	-3.86	-6.01	11.332	8.645	-3.86	-20.29	56.4	57.83
2490	20.57	-6.87	-3.29	-5.44	11.469	9.1	-3.29	-15.71	56.48	57.83
2500	20.8	-6.82	-3.37	-5.52	11.886	8.919	-3.37	-14.87	56.61	58.07

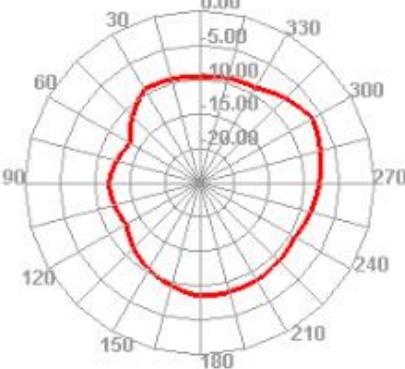


效率与增益

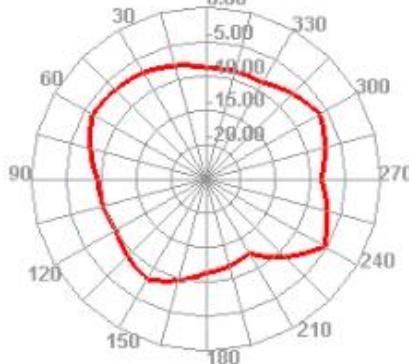
2400.000MHz



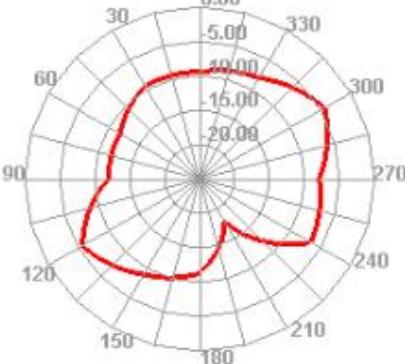
2400.000MHz H



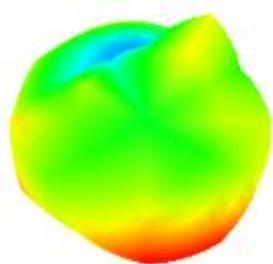
2400.000MHz E1



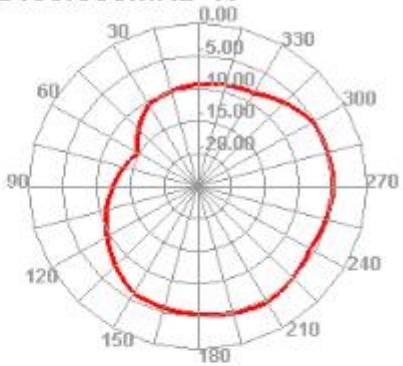
2400.000MHz E2



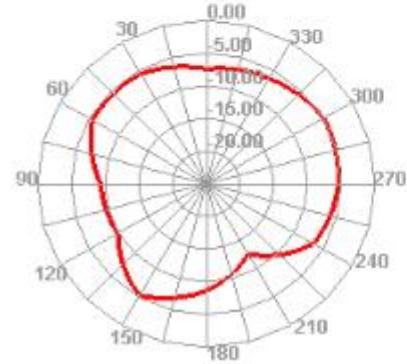
2450.000MHz



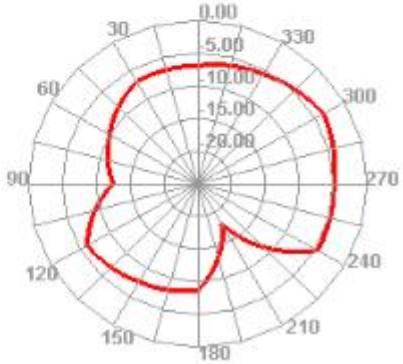
2450.000MHz H



2450.000MHz E1

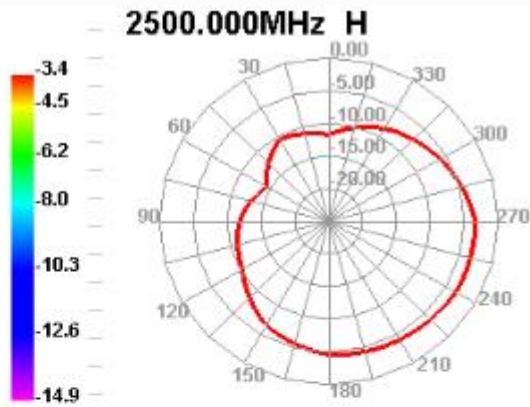
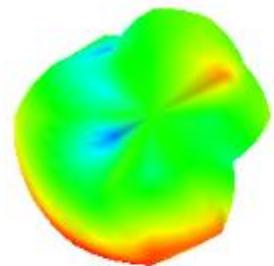


2450.000MHz E2

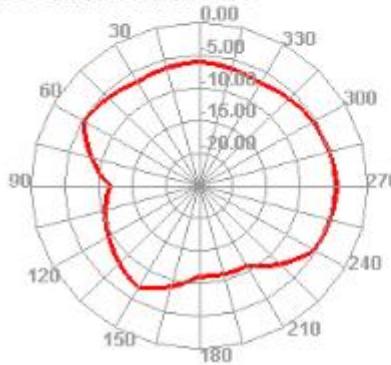


效率与增益

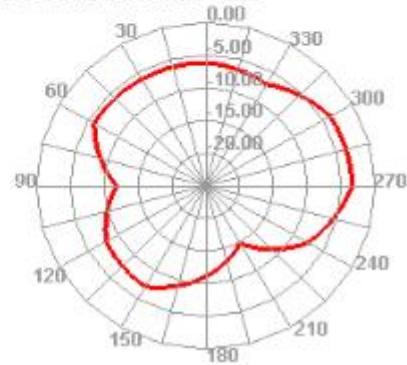
2500.000MHz

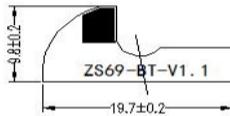


2500.000MHz E1



2500.000MHz E2



	1	2	3	4	5	6	7	8
A								A
B								B
C								C
D								D
								
技术及材料要求: <ol style="list-style-type: none"> 1. FPC基材用一对半的，韧性要好，不易撕烂。 2. 油膜(FPC颜色):黑色；背胶:3M467；白色丝印 3. FPC来料周边要齐整； 4. 箭头指示处为通孔； 5. ■■金手指 □外形(圆孔) □铜箔 ——手撕线 ■■■背胶 								
1	2	3	4	5	6	7	8	

BT天线		设计	梁	日期	2024-12-3
机种	ZS69	审核	王	RF	超
模具					
材质	PI基材+电解铜				
比例	F1T				
单位	mm	深圳市华讯视通科技有限公司			





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Thanks !

