



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

SG001 Antenna Specification

2025-11-25

Manufacture: Shenzhen Huaxunshitong Technology Co.,Ltd.
Manufacture Address: 1st Floor, Building 43, Zhongwu Industrial Area,
Zhongwu Community, Xixiang Street, Bao'an District,
Shenzhen, China





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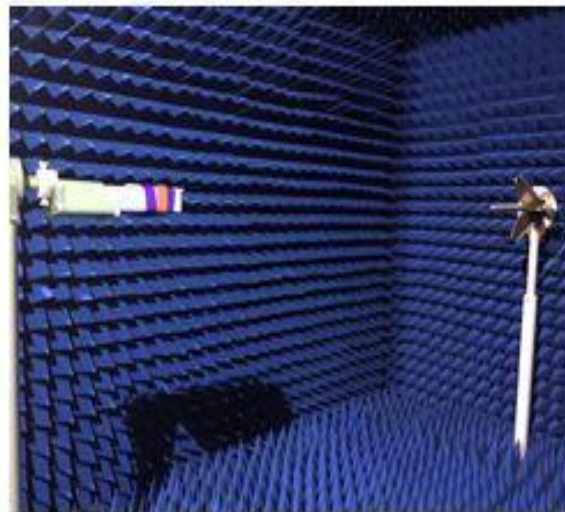
	测试项目 (Test Item)	设备 (Equipment)
1. S参数 (S-parameter)	1. 回波损耗 (Return Loss) 2. 电压驻波比 (VSWR)	1 Agilent E5071B 2 HP 8753D
2. 有源测试 (Active)	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS)	1. ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. Agilent 8960 E5515B × 2 StarPoint SP6011
3. 无源测试 (Passive)	1. 天线增益 (Gain) 2. 天线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





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效率与增益 (Efficiency and Gain)

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	22.48	-6.48	-3.24	-5.39	11.112	11.368	-3.24	-13.65	55.76	57.21
2410	23.61	-6.27	-3.02	-5.17	12.213	11.401	-3.02	-13.1	55.83	58.53
2420	18.38	-7.36	-4.25	-6.4	10.102	8.278	-4.25	-13.4	56.07	58.09
2430	20.1	-6.97	-4.04	-6.19	10.432	9.67	-4.04	-19.28	56.25	58.05
2440	23.3	-6.33	-3.43	-5.58	12.085	11.213	-3.43	-13.68	56.61	58.56
2450	22.56	-6.47	-3.62	-5.77	11.386	11.178	-3.62	-14.29	56.87	58.64
2460	19.17	-7.17	-3.82	-5.97	9.939	9.231	-3.82	-15.12	56.54	57.97
2470	17.34	-7.61	-3.78	-5.93	9.515	7.821	-3.78	-16.13	56.17	58.01
2480	18.3	-7.37	-3.49	-5.64	10.261	8.041	-3.49	-17.38	56.4	57.83
2490	19.28	-7.15	-3.83	-5.98	11.057	8.224	-3.83	-17.7	56.48	57.83
2500	18.57	-7.31	-3.28	-5.43	10.036	8.533	-3.28	-15.73	56.61	58.07

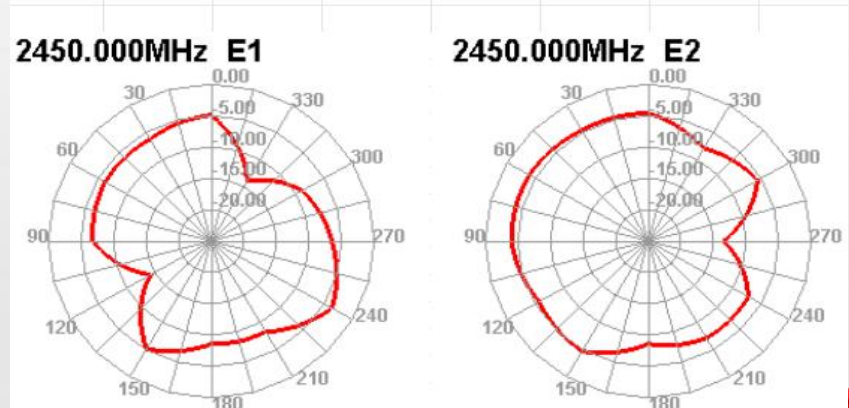
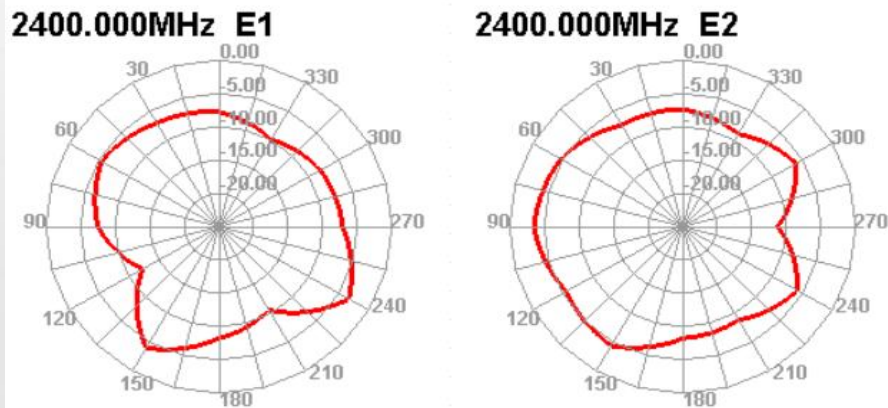
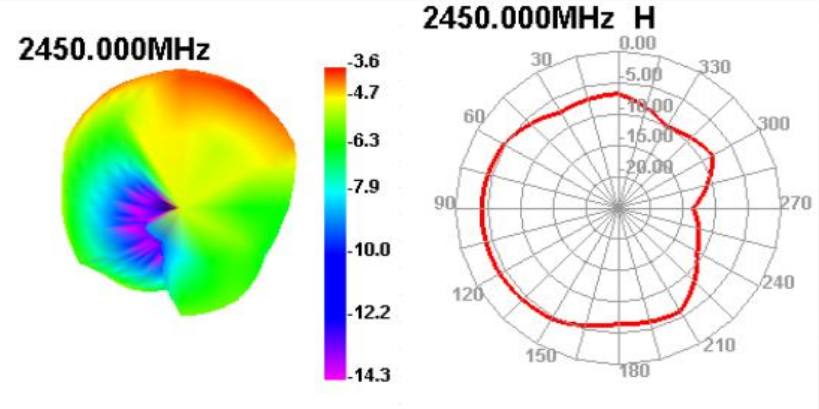
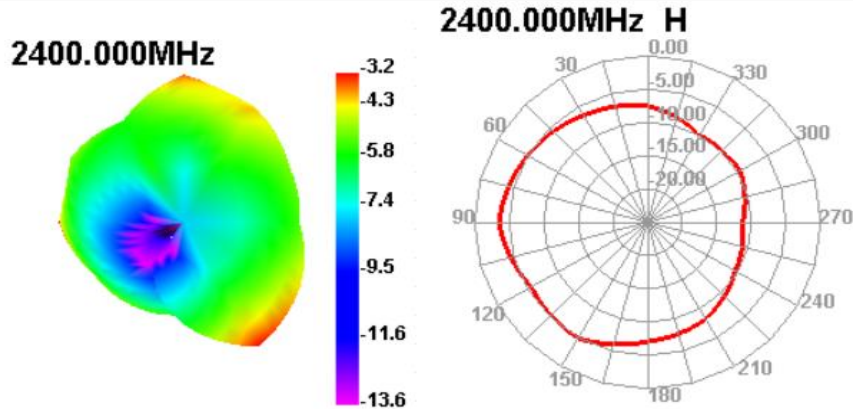




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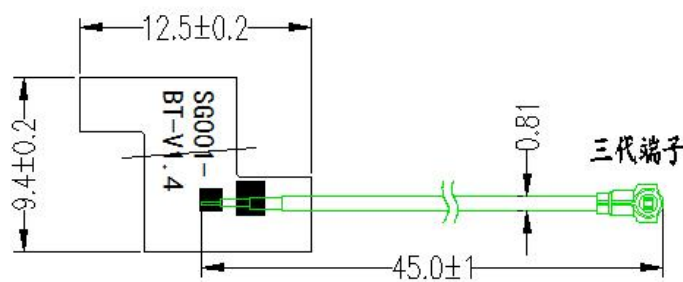
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效率与增益 (Efficiency and Gain)



结构图纸 (structural drawings)

Antenna Type : FPC





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Thanks !

