



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

BT Antenna Specifications

2026-6-25





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测试项目与设备

Testing items and equipment

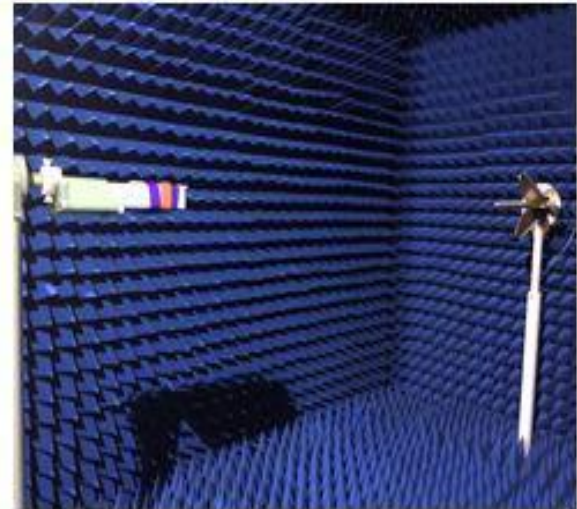
	测试项目Test Item	设备 Equipment
1. S参数 (S-parameter)	1. 回波损耗 (Return Loss) 2. 电压驻波比 (VSWR)	网络分析仪/Network Analyzer: Agilent E5071B HP 8753D
2. 有源测试 (Active)	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS)	暗室/Darkroom: ETS 7x4x3 m (3D) 1. Chamber ETS 5x3x3 m (3D) Chamber 2. 综合测试仪/Integrated Test Instrument: Agilent 8960 E5515B ×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





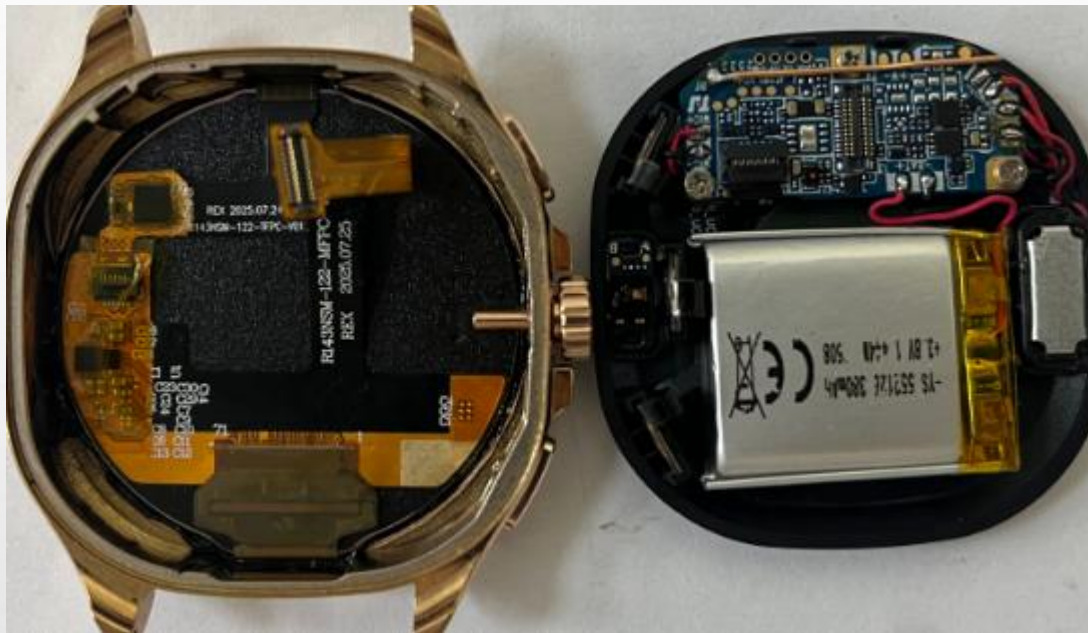
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整机图片

Overall machine picture



增益与效率

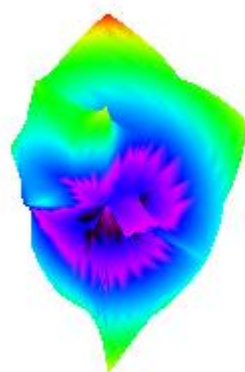
Gain and Efficiency

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	1.97	-17.05	-11.23	-13.38	0.672	1.299	-11.23	-28.04	5.82	0	55.76	57.21
2410	2.26	-16.47	-9.51	-11.66	0.531	1.726	-9.51	-27.47	6.96	30	55.83	58.53
2420	1.75	-17.57	-11.89	-14.04	0.543	1.206	-11.89	-27.86	5.68	0	56.07	58.09
2430	1.84	-17.36	-10.88	-13.03	0.573	1.264	-10.88	-33.76	6.48	0	56.25	58.05
2440	1.6	-17.96	-11.92	-14.07	0.446	1.154	-11.92	-30.34	6.04	0	56.61	58.56
2450	2.17	-16.64	-9.46	-11.61	0.647	1.523	-9.46	-28.76	7.17	0	56.87	58.64
2460	1.53	-18.15	-12.38	-14.53	0.438	1.092	-12.38	-29.36	5.77	0	56.54	57.97
2470	1.28	-18.93	-13.68	-15.83	0.442	0.838	-13.68	-34.15	5.24	30	56.17	58.01
2480	1.52	-18.18	-11.14	-13.29	0.58	0.942	-11.14	-33.01	7.04	0	56.4	57.83
2490	1.36	-18.67	-13.06	-15.21	0.378	0.979	-13.06	-30.58	5.62	30	56.48	57.83
2500	1.52	-18.19	-11.15	-13.3	0.446	1.07	-11.15	-35.27	7.04	0	56.61	58.07

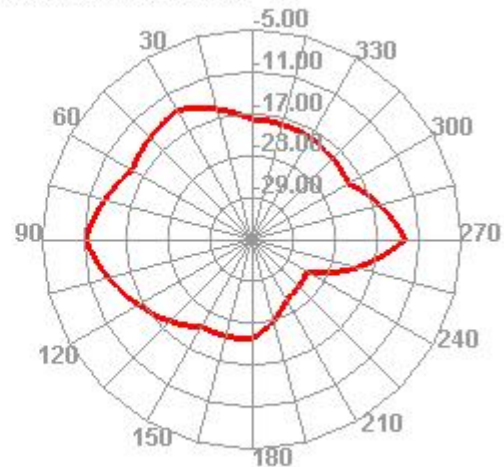


增益与效率 Gain and Efficiency

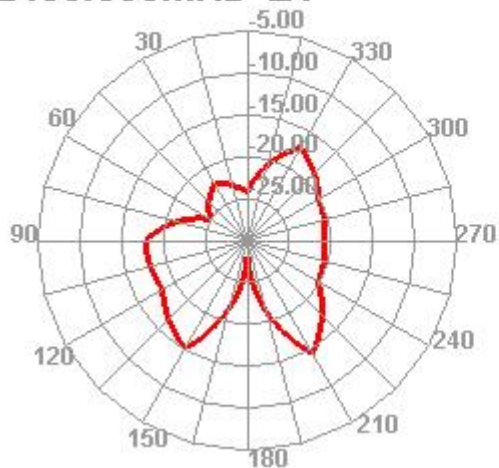
2400.000MHz



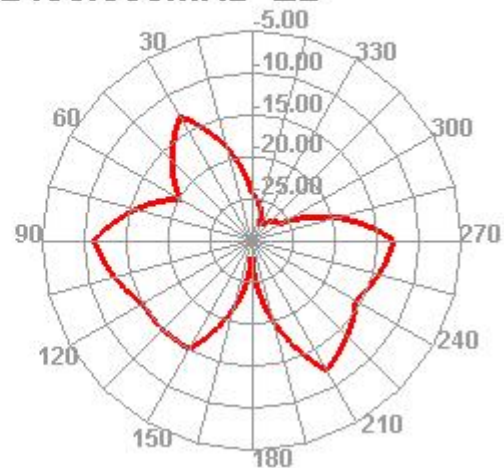
2400.000MHz H



2400.000MHz E1



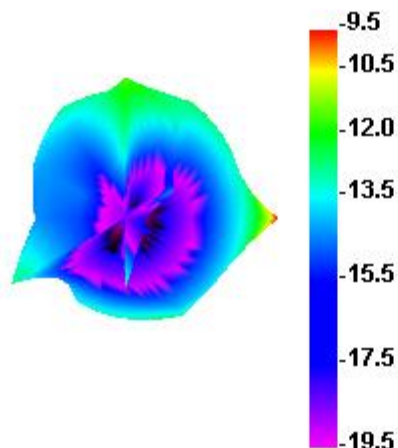
2400.000MHz E2



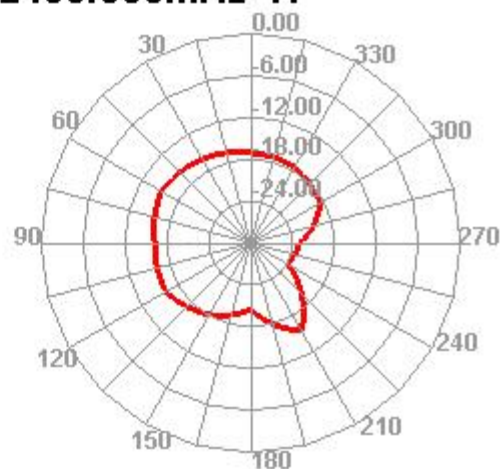
增益与效率

Gain and Efficiency

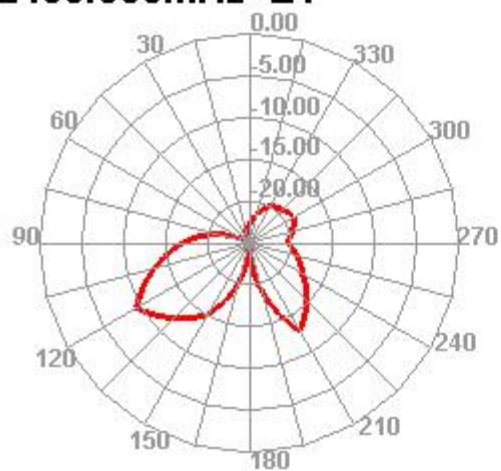
2450.000MHz



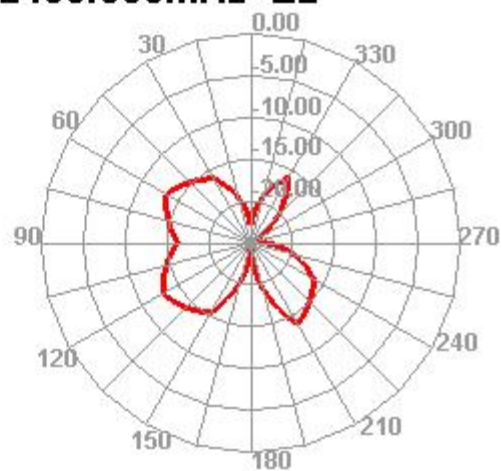
2450.000MHz H



2450.000MHz E1

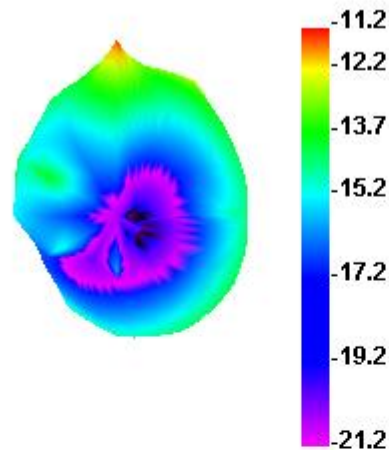


2450.000MHz E2

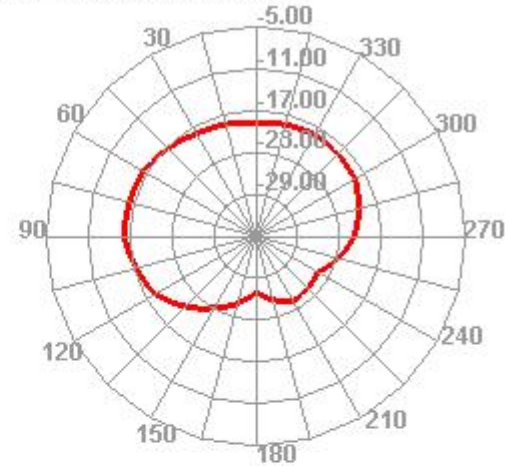


增益与效率 Gain and Efficiency

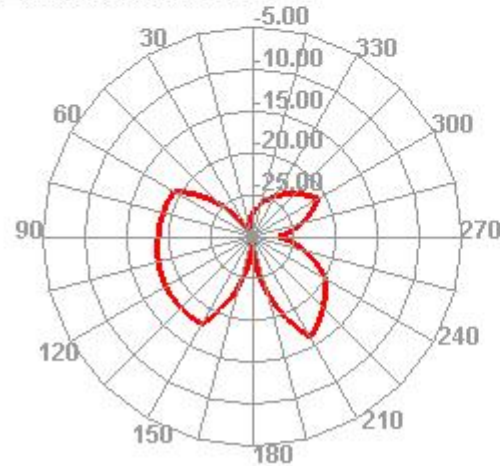
2500.000MHz



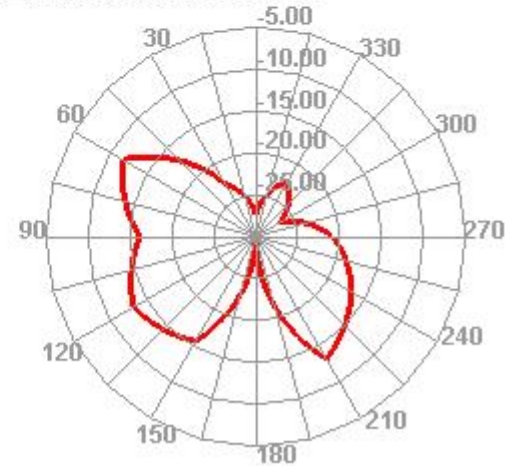
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



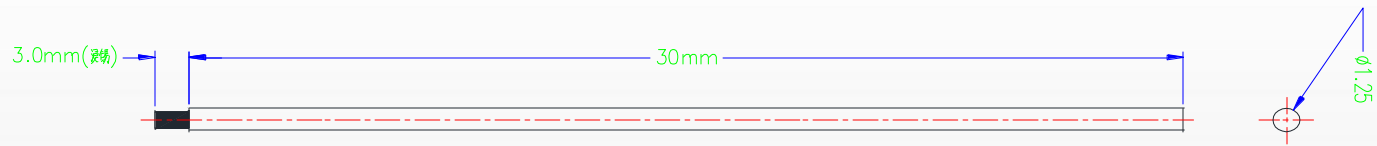
2600.000MHz

2600.000MHz H



天线结构

Antenna Dimension





深圳华讯视通科技有限公司

Shenzhen Huaxunshitong Technology Co.,Ltd.

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Thanks !

