

深圳市持胜科技有限公司

SHENZHEN CHI SHENG TECHNOLOGY CO., LTD

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Fuyong Street, Bao'an District, Shenzhen

Antenna Data Sheet

TC: 深圳市欣万旗科技有限公司

*MN: EW68U06机型料号: CS2506G-1线长
120mm(1代端子)*

RF: 刘培

MD: 吴仕彪

MP: 13487880011

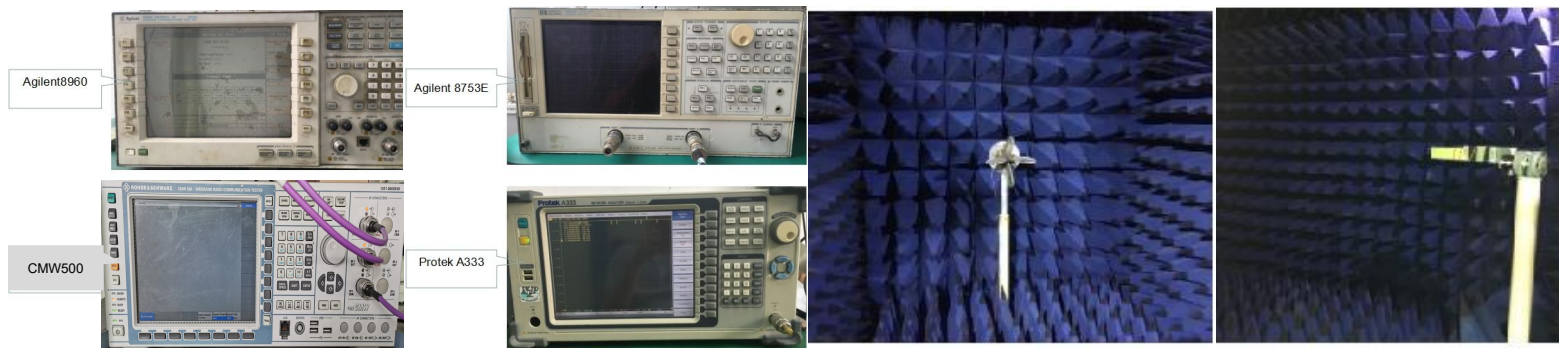
Date: 2024. 08. 20

REV :V1. 0

测试环境

Test environment

	测试项目	测试设备
S参数 (S-parameter)	1. 电压驻波比 (VSWR) 2. 回波损耗 (Rrtun Loss)	网络分析仪: Agilent8753ES
2. 有源测试 (Active)	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS) 3. 屏灭/屏亮	1. 暗室: 5*3*3m (3D) Chamber 2. 综测仪: Agilent8960 CMW500
3. 无源测试 (Passive)	1. 天线增益 (Gain) 2. 天线效率 (Efficiency)	1. 暗室: 5*3*3m (3D) Chamber 2. 网络分析仪: Agilent 8753ES



无源测试数据

Passive test data

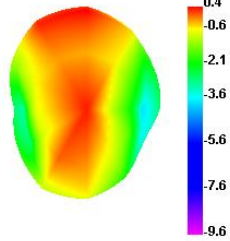
MAIN ANT GAIN&Efficiency-(2300-2500)

Passive Test								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)
2300	44.67	-3.5	0.38	-1.77	28.22	16.451	0.38	-17.14
2310	48.61	-3.13	0.95	-1.2	31.14	17.47	0.95	-17.48
2320	49.41	-3.06	1.22	-0.93	32.038	17.368	1.22	-18.63
2330	46.7	-3.31	1.04	-1.11	30.383	16.321	1.04	-19.37
2340	48.9	-3.11	1.25	-0.9	31.573	17.332	1.25	-18.49
2350	53.58	-2.71	1.64	-0.51	34.199	19.382	1.64	-17.55
2360	51.17	-2.91	1.44	-0.71	32.289	18.881	1.44	-17.75
2370	49.42	-3.06	1.25	-0.9	31.016	18.402	1.25	-18.67
2380	51.23	-2.9	1.32	-0.83	32.17	19.064	1.32	-20.34
2390	52.49	-2.8	1.33	-0.82	32.791	19.699	1.33	-21.98
2400	52.39	-2.81	1.23	-0.92	32.709	19.681	1.23	-21.56
2410	54.88	-2.61	1.5	-0.65	34.34	20.543	1.5	-20.34
2420	56.5	-2.48	1.73	-0.42	35.573	20.922	1.73	-19.27
2430	54.96	-2.6	1.73	-0.42	34.756	20.209	1.73	-19.38
2440	56.15	-2.51	1.84	-0.31	35.27	20.881	1.84	-19.71
2450	61.32	-2.12	2.25	0.1	38.188	23.133	2.25	-19.7
2460	64.01	-1.94	2.34	0.19	39.519	24.491	2.34	-18.29
2470	58.72	-2.31	1.92	-0.23	36.147	22.569	1.92	-17.27
2480	60.36	-2.19	2.21	0.06	37.023	23.342	2.21	-16.45
2490	63.84	-1.95	2.55	0.4	38.526	25.31	2.55	-16.39
2500	61.15	-2.14	2.49	0.34	36.278	24.87	2.49	-16.69

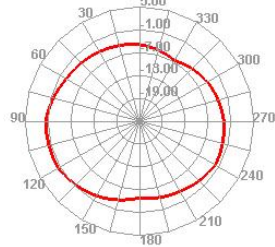
无源测试数据 Passive test data

MAIN ANT Direction of figure(2300-2690)

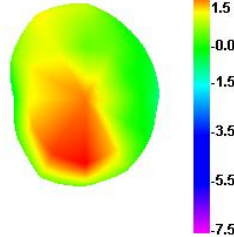
2300.000MHz



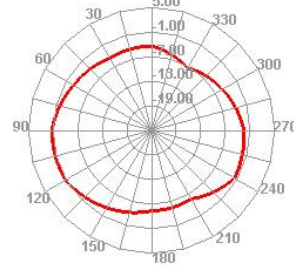
2300.000MHz H



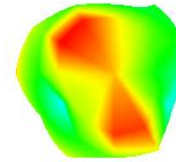
2500.000MHz



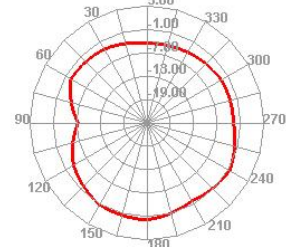
2500.000MHz H



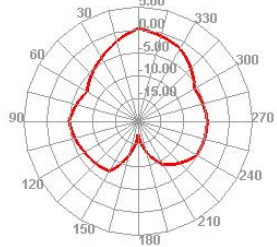
2690.000MHz



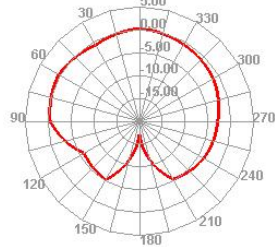
2690.000MHz H



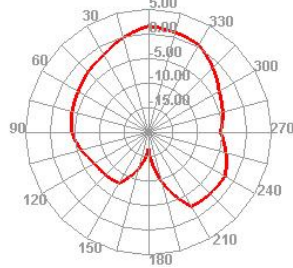
2300.000MHz E1



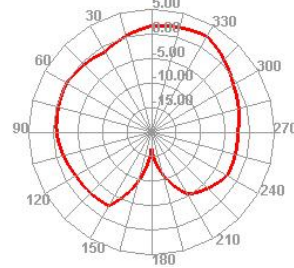
2300.000MHz E2



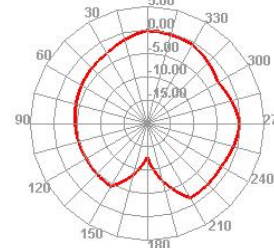
2500.000MHz E1



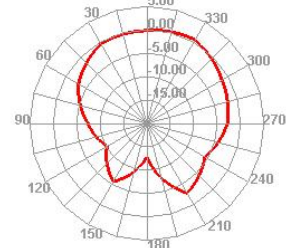
2500.000MHz E2



2690.000MHz E1



2690.000MHz E2



合作共赢

