

承認書

APPROVAL

客 户
CUSTOMER:

SHENZHEN AMEDIA TECHNOLOGY CO., LTD

品 名 规 格
DESCRIPTION:

BM805 Integrated antenna-WIFI2.4/5G

料 号
PART NO.:

客 户 料 号
CUS PART NO.:

日 期
D A T E:

2020.4.15

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT
吴淑仪	刘丽	王洪涛

客户承认签章

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

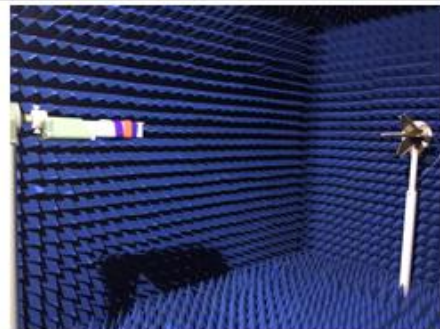
联系电话: 0755 23073599 15017941162

※ 承认书一式三份, 惠蒙贵司承认签章

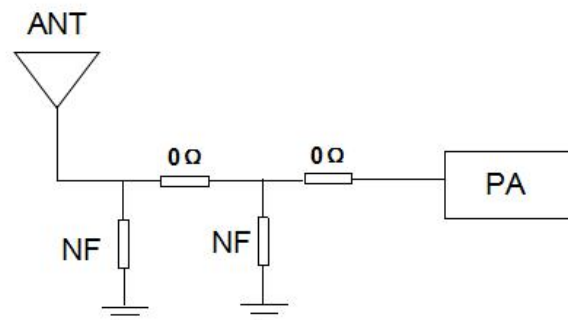
※ Approval in duplicate, please signed by your company.

1.测试项目与设备

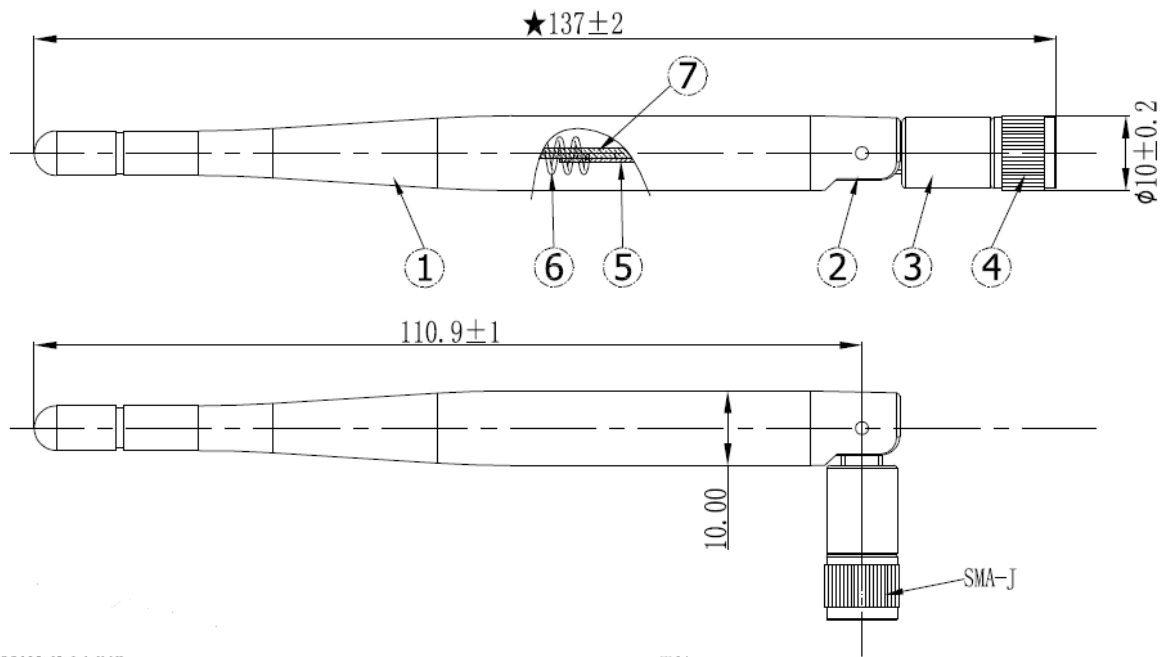
	测试项目	设备
1. S11 参数 (S-parameter)	1. 回波损耗 (Return Loss) 2. 电压驻波比 (VSWR)	网络分析仪: Agilent E5071B HP 8753D
2. 有源测试 (Active)	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS)	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. 综合测试仪: Agilent 8960 E5515B ×2 StarPoint SP6011
3. 无源测试 (Passive)	1. 天线增益 (Gain) 2. 天线效率 率 (Efficiency)	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. 网络分析仪: Agilent E5071B HP 8753D



2. Matching circuit -WIFI antenna:



3. Antenna structure diagram:



深圳市云顶通讯电子有限公司

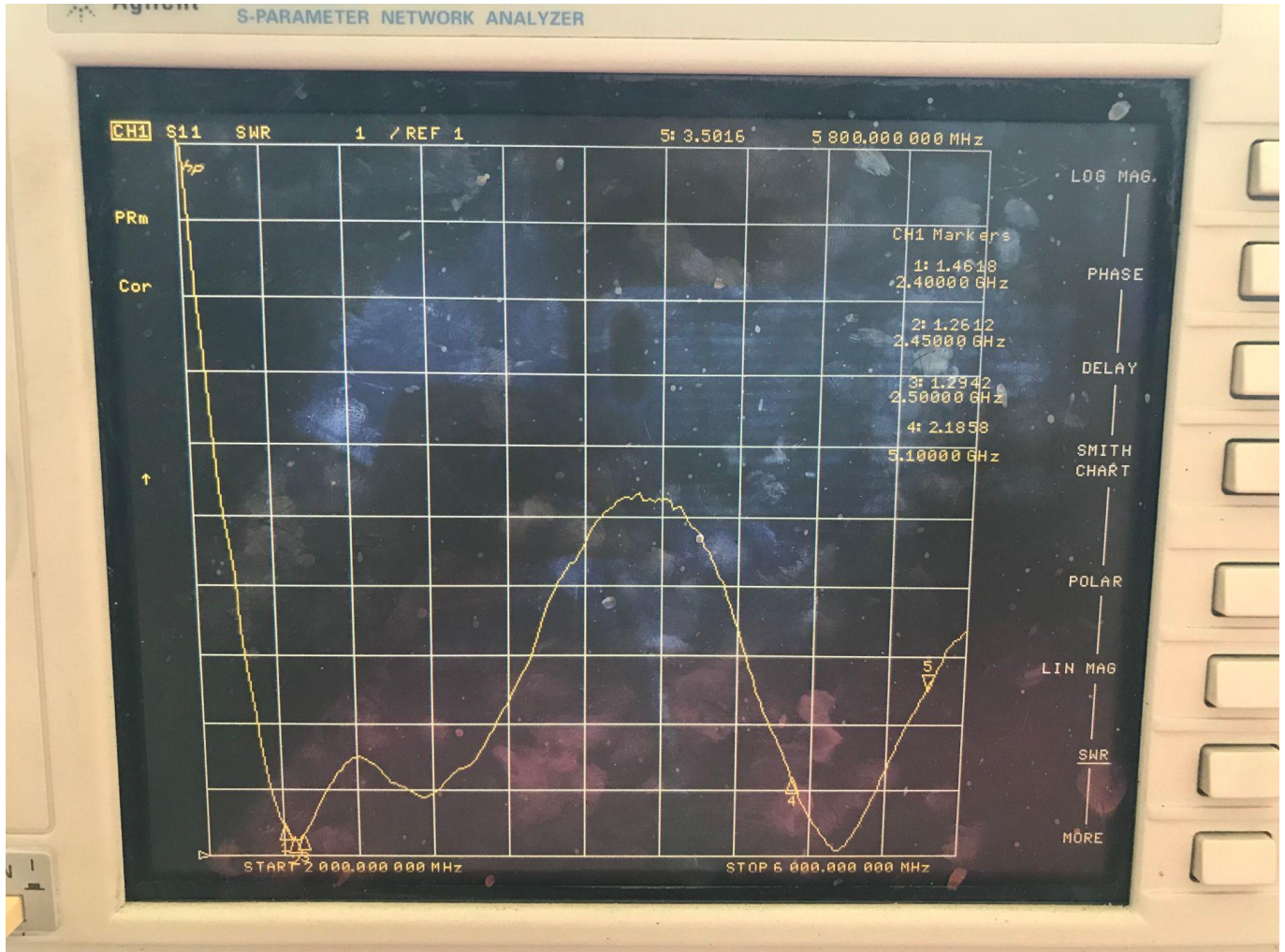
TEL: +86 0755-23073599

FAX: +86 0755-23097189

E-mail: wht0809@163.com

4. Network test chart:

SWR

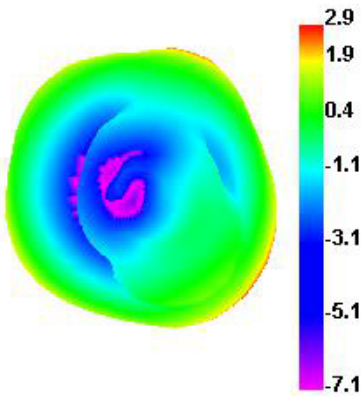


5. Antenna efficiency and gain

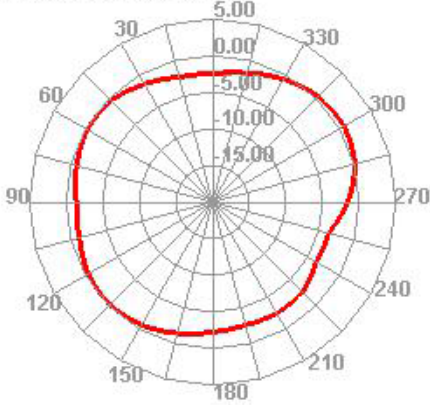
Passive Test For WIFI										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	50.95	-2.93	2.57	0.42	22.906	28.047	2.57	-23.43	48.09	47.94
2410	50.35	-2.98	2.48	0.33	23.585	26.761	2.48	-24.02	48.07	47.87
2420	51.21	-2.91	2.46	0.31	25.17	26.045	2.46	-26.2	48.18	48
2430	53.88	-2.69	2.59	0.44	27.509	26.373	2.59	-27.38	48.17	47.99
2440	56.87	-2.45	2.76	0.61	29.67	27.204	2.76	-26.16	48.33	48.11
2450	59.47	-2.26	2.83	0.68	31.157	28.317	2.83	-27.79	48.44	48.14
2460	60.02	-2.22	2.73	0.58	31.354	28.668	2.73	-26.56	48.41	48.06
2470	60.23	-2.2	2.63	0.48	31.501	28.732	2.63	-25.39	48.49	48.11
2480	60.97	-2.15	2.62	0.47	32.315	28.653	2.62	-23.73	48.63	48.18
2490	62.93	-2.01	2.71	0.56	34.131	28.803	2.71	-22.93	48.76	48.29
2500	63.47	-1.97	2.79	0.64	35.22	28.248	2.79	-22.05	48.69	48.16

电 性 能 指 标		Electrical Specifications	
频率范围	2400~2500MHz	Frequency Range	2400~2500MHz
电压驻波比	≤2.0	VSWR	≤2.0
输入阻抗	50 Ω	Input Impedance	50 Ω
增益	2.83 DBI	Gain	2.83DBI
最大输入功率	50W	Maximum Input Power	50W
机 械 指 标		Mechanical Specifications	
工作温度	-40℃~+85℃	Working Temperature	-40℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%

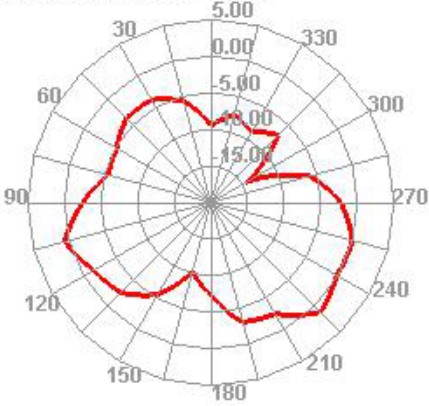
2450.000MHz



2450.000MHz H



2450.000MHz E1



2450.000MHz E2

