



Manufacturer:DONGGUAN CITY AMERISUN SCIENCE AND TECHNOLOGY CO., LTD

Address:No.55 Baijing Road Zhang mutou town Donguan City Guangdong
Province China

Model:AM004

PART 2

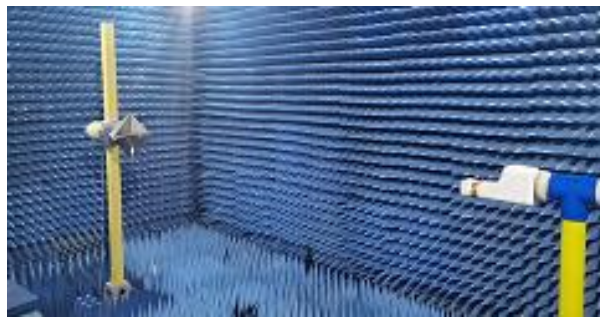
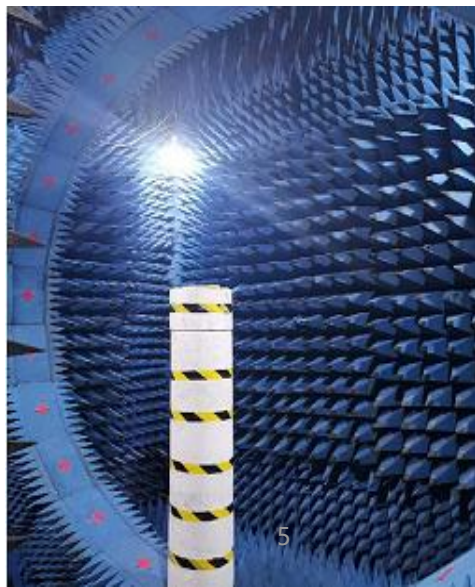
项目信息/Project brief

NO	ITEMS	DETAILS
1	工作频段 Operating band	915Mhz
2	频率范围 Frequency band	MAIN: 915Mhz
3	天线类型 Antenna type	
4	天线材质及实现形状 Material and implementation shape	Spr ing

PART 3

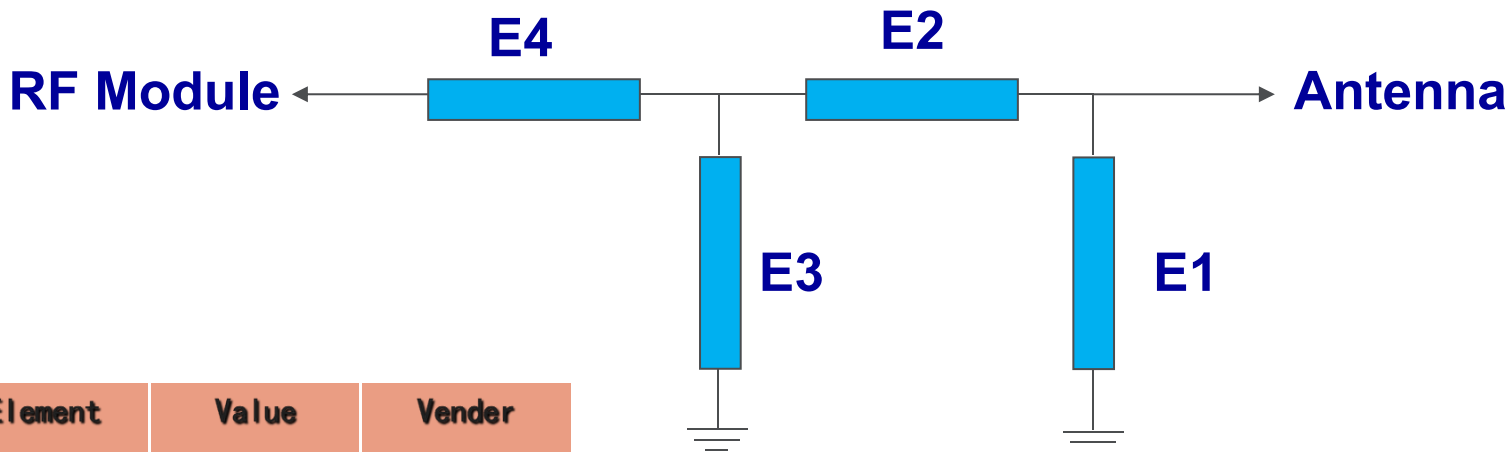
Test system and equipment

	测试项目/Test items	设备/equipment
1: S参数 S parameter	1. 回波损耗 Return loss 2. 驻波比 VSWR	网络分析仪/Network analyzer: A338/A333
2: 耦合功率测试 Active test	1. 发射功率 Transmitting power 2. 接收灵敏度 Receiving sensitivity	综合测试仪/Comprehensive test instrument: Agilent 8960/ CMW500
3: 辐射模式与增益 Radiation mode and gain	1. 辐射模式 Radiation mode 2. 天线增益 Gain	1. 暗室/Shielding room: 7x4x3 m (ETS-3D) 2. 网络分析仪/Network analyzer: HP 8753D



PART 4

匹配电路/Matching Circuits



Element	Value	Vender
E1 (0402)	NA	
E2 (0402)	0 0hm	
E3 (0402)	NA	
E4 (0402)	0 0hm	

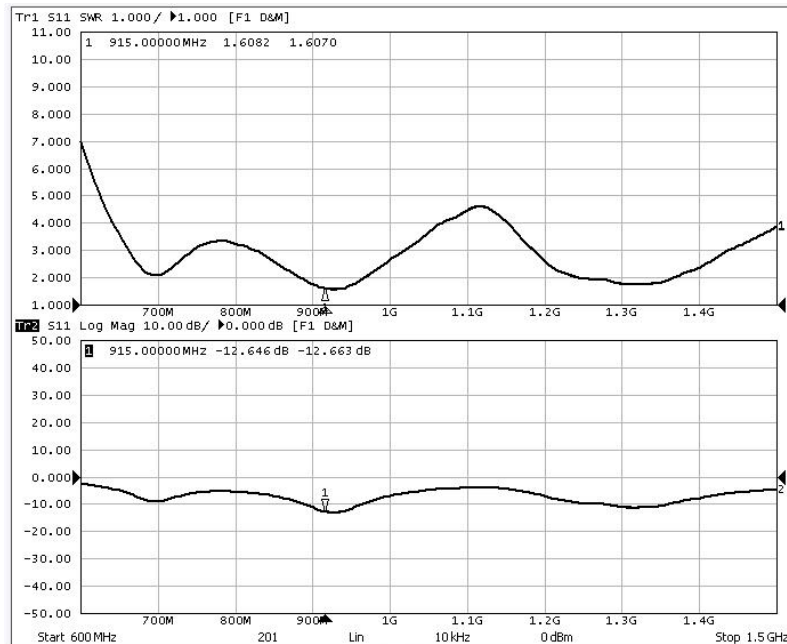
Original match unchanged.

PART 5

测试数据/RF Report

TX Test Data

Passive Test For 915		
Freq (MHz)	Effi (%)	Gain (dBi)
910	14.63	-3.86
915	15.38	-3.53
920	14.87	-3.77

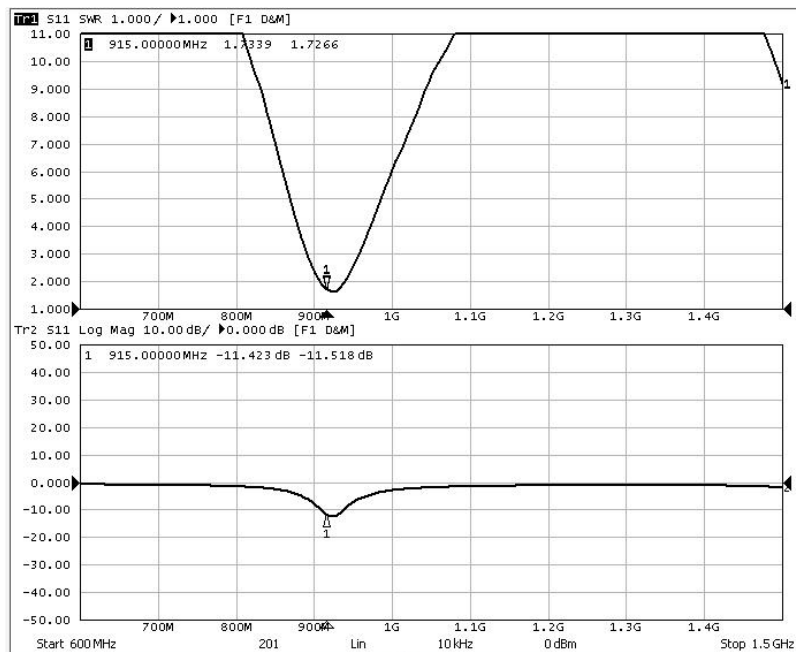


PART 5

测试数据/RF Report

RX Test Data

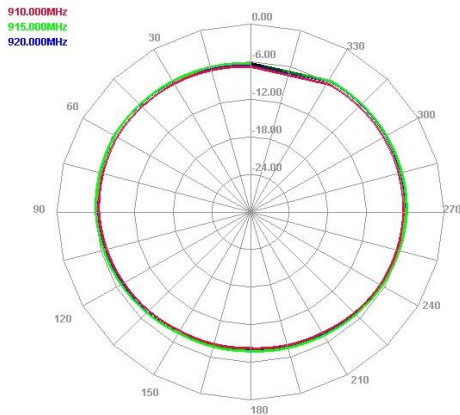
Passive Test For 915		
Freq (MHz)	Effi (%)	Gain (dBi)
910	12.74	-4.52
915	13.61	-3.89
920	13.48	-3.61



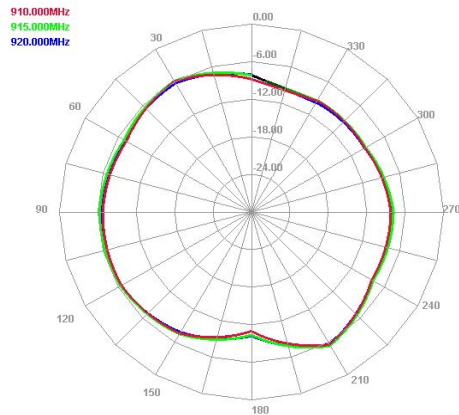
PART 5

测试数据/RF Report

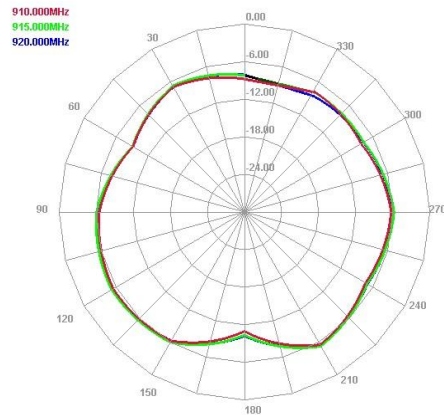
Horizontal



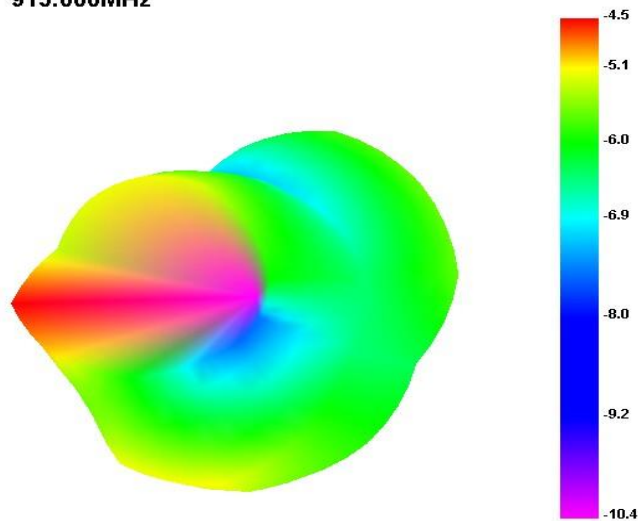
E1 Face



E2 Face

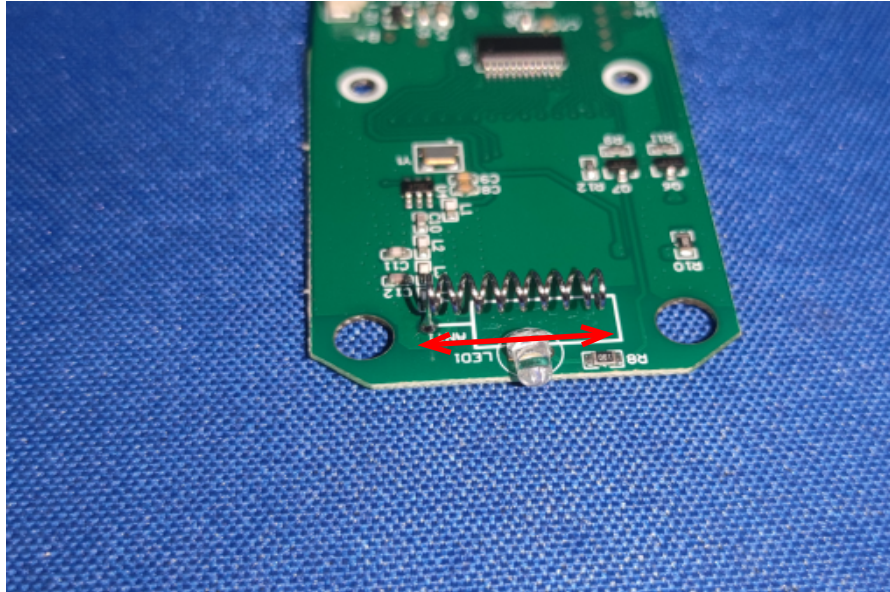


915.000MHz



PART 7

整机图片 Picture of complete machine



Size: 20mm

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