

Shenzhen Meienwei Electronics Co., Ltd.

HT13 天线测试数据

V7

Product Model	Me-T203E-L-V7.0 FPC天线
Model Name	FPC ANT
Version	V7.0
MAX Gain	0.1 dBi
Polarization	Horizontal and Vertical
Azimuth Beam Pattem	Omni-directional
Impedance	0 Ohm
Antenna Length	25.43 * 10.64 mm
Manufacture	Shenzhen Meienwei Electronics Co., Ltd.

	测试项目	设备
1. S 参数	1. 回波损耗(RL) 2. 驻波比 (VSWR)	网络分析仪: Agilent E5071B RS ZVB8
2. 耦合测试	1. 发射功率 (MAX Power) 2. 接收灵敏度 (MIN Sens)	1.2G/3G 测试设备: Agilent 8960 2. 微波暗室: 广屏 ETS 3D Chamber (5x3x3)
3. 3D 无源测试 (Passive Test)	1. 效率 (η) 2. 增益 (Gain) 3. 辐射方向图	1. 微波暗室: TEM24 3D Chamber (5x5x5) 广屏 ETS 3D Chamber (5x3x3) 2. 网络分析仪: Agilent E5071B
4. 3D 有源测试 (Active Test)	1. 3D 功率 (TRP) 2. 3D 灵敏度 (TIS) 3. 吞吐测试 4. 人头手测试 5. 人头耳测试	1. 微波暗室: TEM24 3D Chamber (5x5x5) 广屏 ETS 3D Chamber (5x3x3) 2. 2G/3G 测试设备: Agilent 8960 3. 4G 测试设备: 安立 MT8820C/CMW500 4. WIFI/BT/NB-iot 测试设备: CMW500 5. 5G 测试设备: 星河亮点 SP9500-CTS



二. Definitions

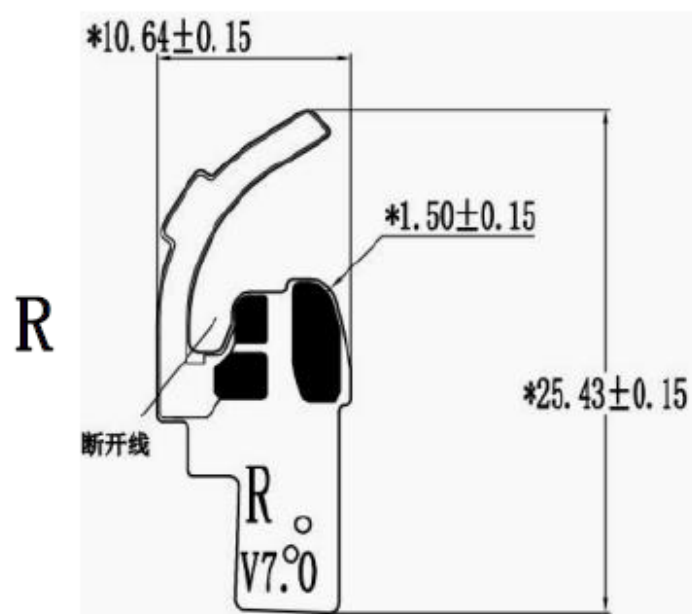
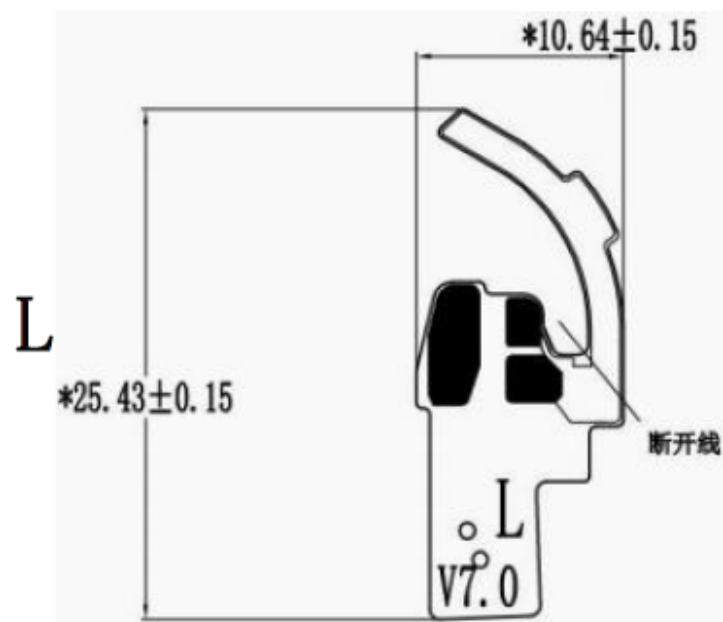
VSWR: Voltage Standing Wave Ratio

TRP: total radiated power

TIS: total isotropic sensitivity

三. Cell-Phone Photo and Dealing Method

Antenna Photo & Length (mm)



L

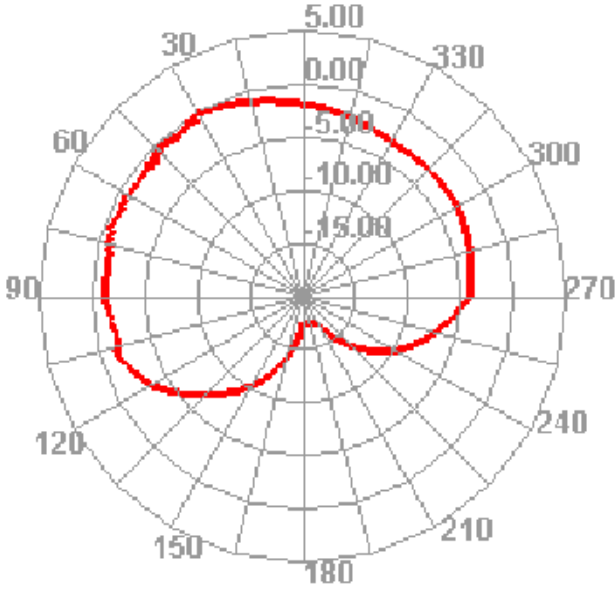


R

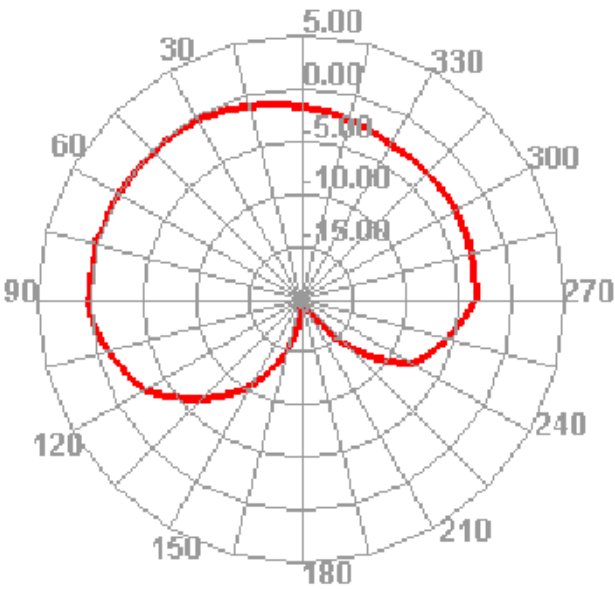
2450 MHz

Max: 5dBi Min: -20dBi Scale: 5/div

2450.000MHz



2450.000MHz



Frequency (MHz)	Gain(dBi)	
	Max	Min
2450-L	0.00	-18.23
2450-R	0.10	-19.92