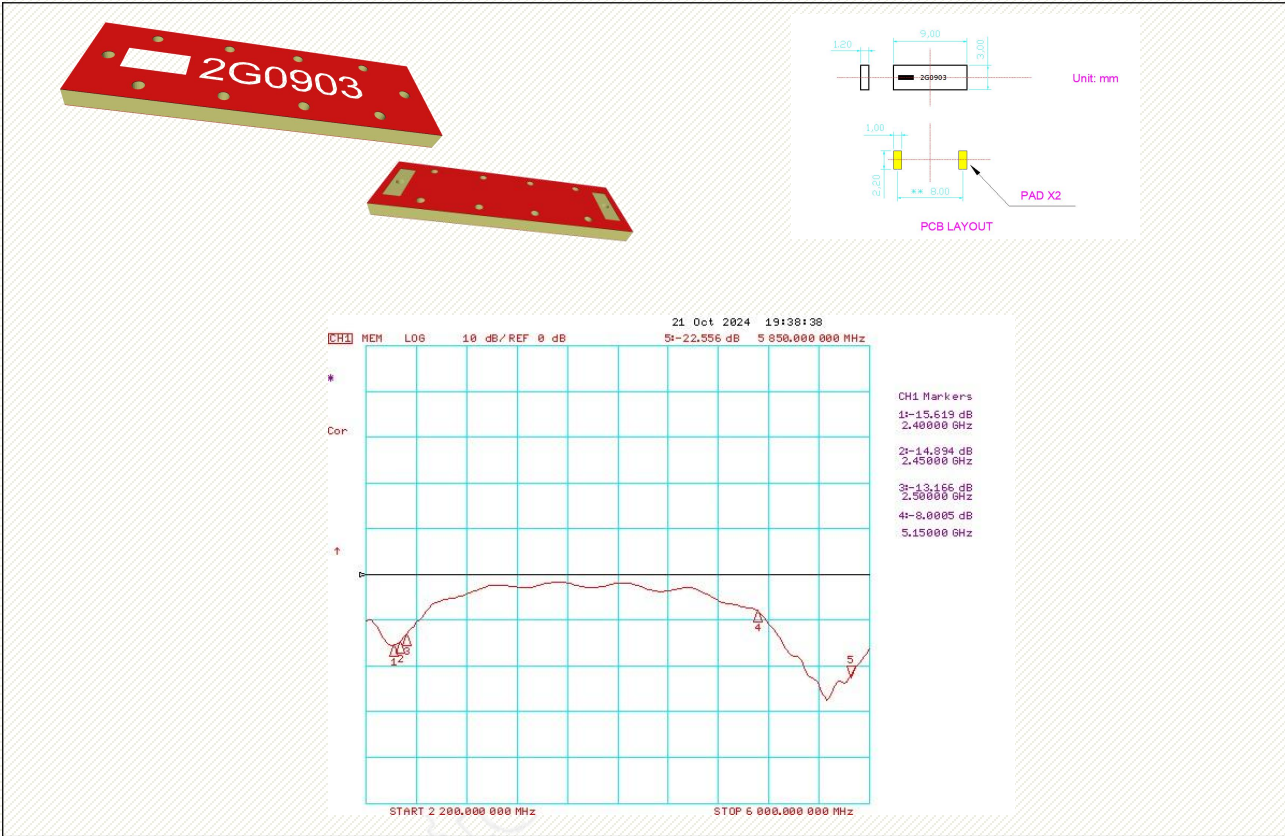


产 品/Product： **2G0903 CHIP SMD, 9.0x3.0x1.2mm, 2.4GHz/5.8GHz Antenna**

料 号/PN： **AH2G.393**

应 用/Application： 802.11 b/g/n, includes frequencies of 2.4GHz/5.8GHz,Bluetooth, ZigBee, and Wi-Fi products ;



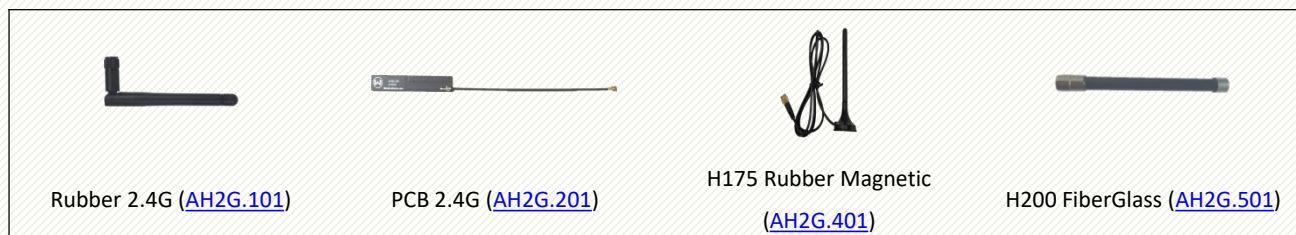
电气参数(Electrical Properties)

频率/Frequency:	2.4GHz / 5.8GHz
输入阻抗/Impedance:	50 Ω
驻波比/VSWR:	≤2.0
增益/Gain:	2.0 / 3.0 dBi Typical
极化方式/Polarization:	Vertical / Omni

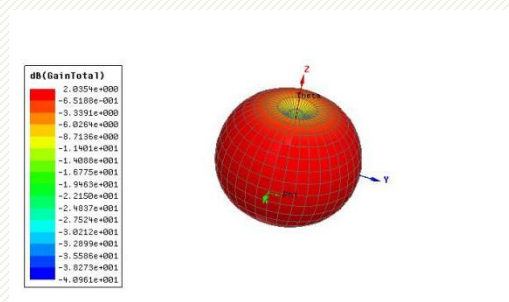
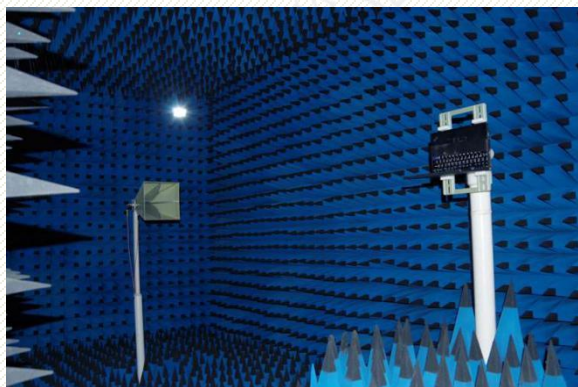
机械参数(Mechanical Properties)

接头&线缆/Conn&Cable:	/
材料&颜色/Material&Color:	Copper/Red
安装方式/Mounting:	SMD
尺寸/Size:	9.0 x 3.0 x 1.2 mm
重量/Weight:	0.4 g/pcs; 3000pcs/Reel
工作温度/Operate Temp:	-40 ~ +85 °C

关联产品/Relation Product



产品手册/ Product Catalogue



Online Support

Contact Us

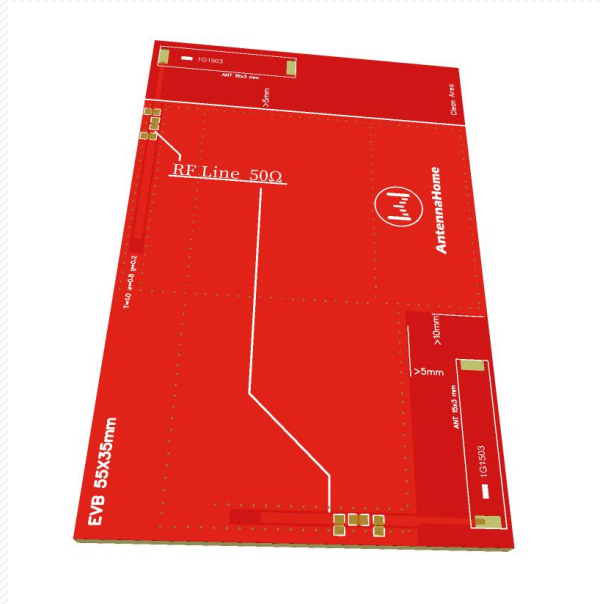
E-mail : CS@AntennaHome.com

Website : [Http://www.AntennaHome.com](http://www.AntennaHome.com)

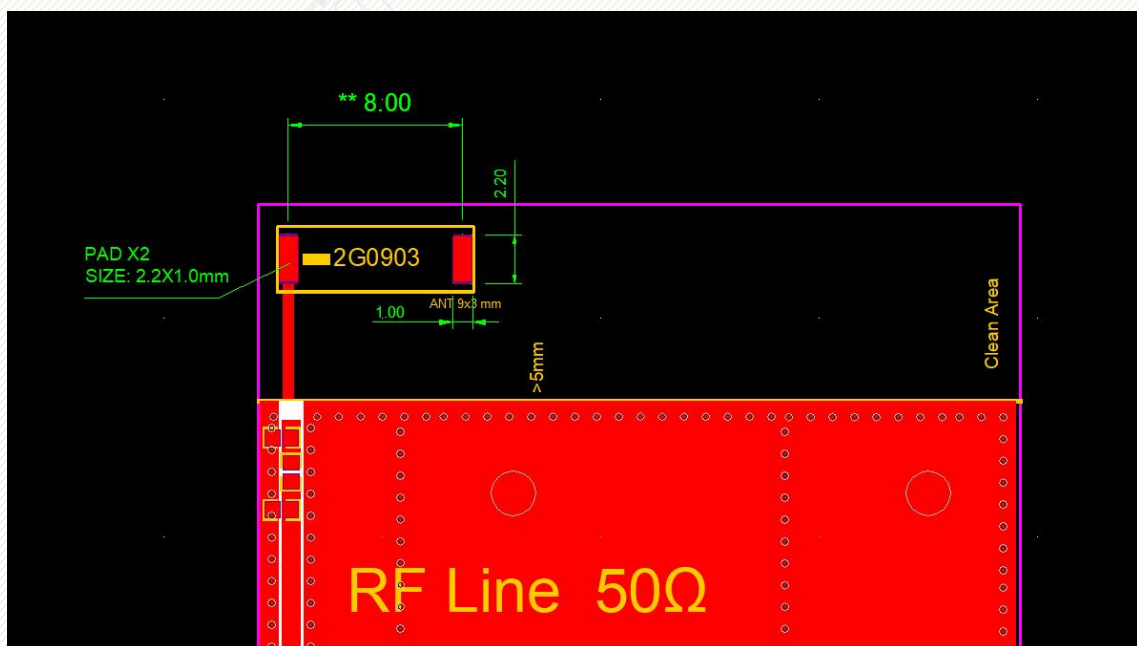
附加说明/Additional Notice

1, 该天线的设计及测试, 参考开发板; EVB Size: 55x35mm

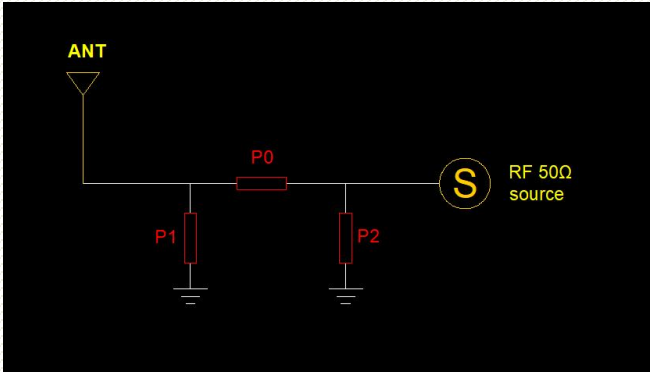
The design and testing of this antenna refer to the development board; Size: 55x35mm



2, PCB layout 尺寸图及注意事项; /PCB Layout Size and notice;



3，射频匹配网络 参考值，基于开发板（PCB 尺寸：55x35mm）；
RF matching network reference value, based on the development board (EVB PCB size: 55x35mm)



值 /Value	2. 4GHz	5. 8GHz			
P1	N/A	N/A			
P0	R = 0Ω	R = 0Ω			
P2	N/A	N/A			

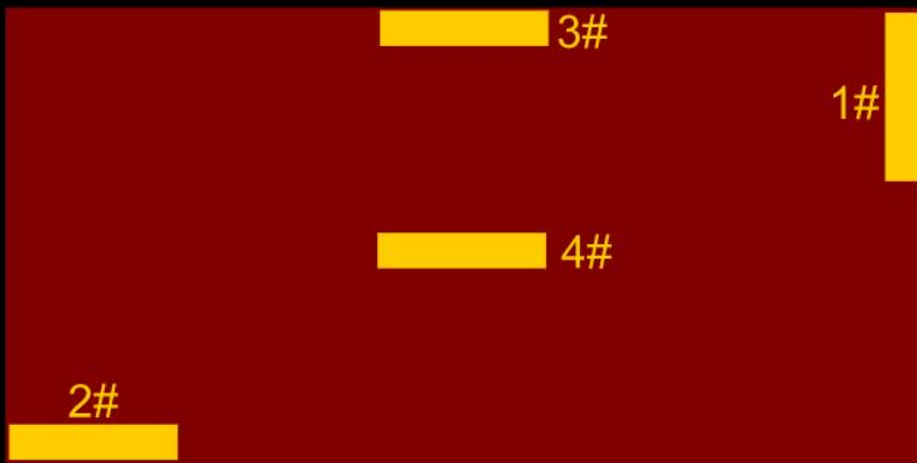
Note: R= Resistance, L= Inductance, C= Capacitance; N/A =No Component;

*** 特别提醒 / Specially Remind ***

任何 CHIP 天线加入到你的产品/设备后，因为 PCB 的尺寸产生了变化，都将需要进行射频匹配优化工作！
After adding any CHIP antenna to your product/device, RF matching optimization work is required as PCB size changed!

4, CHIP 类型天线, 在主板上摆放位置, 影响其性能; 优劣顺序依次是位置 1#, 2#, 3#, 4#; 即, 短边、长边、边的中间、中央;

The placement of CHIP type antennas on the motherboard affects their performance; The order of superiority and inferiority is position 1 #, 2 #, 3 #, 4 #; Namely, short side, long side, middle and center of the side;



天线的主板上摆放位置, 性能从优到差,
依次是位置1#, 2#, 3#, 4#; 即, 短边、长边、边的中间、中央;