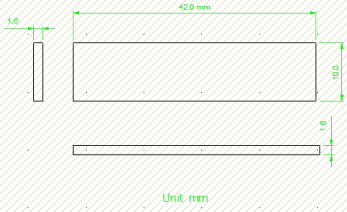
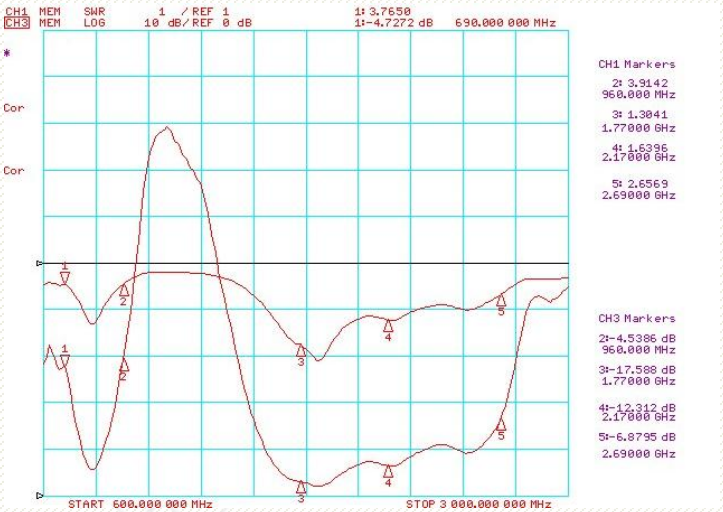
产 品/Product： **3G/4G/5G,NB-IoT,CAT.1&4, 690~2690MHz, CHIP SMD, Antenna**

料 号/PN： **AH5G.228**

应 用/Application：**2G/3G/4G,NB-IoT,CAT.1&4, 690~2690MHz, Remote /Transfer /Recciever ;**







电气参数(Electrical Properties)

频率/Frequency:	690-960,1770-2690 MHz, 3G/4G/5G,NB-IoT,CAT.1&4
输入阻抗/Impedance:	50Ω
驻波比/VSWR:	≤2.5
增益/Gain:	2.5/3.5 dBi
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:	L42 xW10 xT1.6 mm
重量/Weight:	3.0 g/pcs; 1800pcs/Reel
工作温度/Operate Temp:	-40 ~ +85 ℃

关联产品/Relation Product



SMA-K DIP (AHCG.202)



SMA-K ASSY (AHCG.101)

产品手册/ Product Catalogue

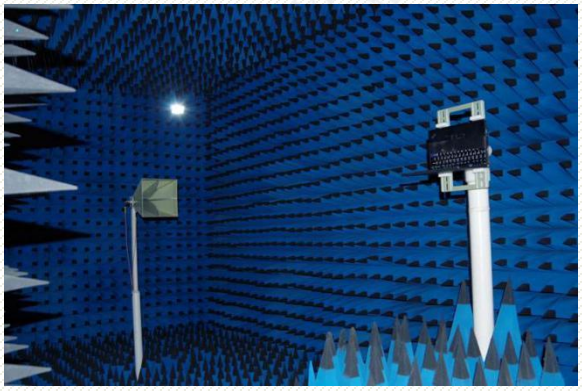


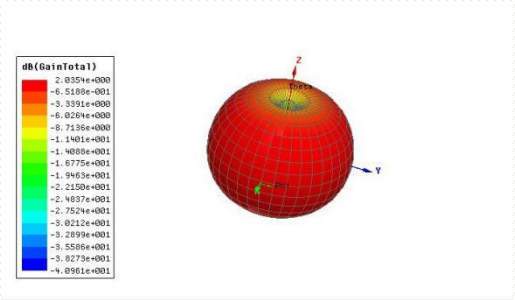
下载地址/Download Link: http://docs.AntennaHome.com/ant/catalogue.pdf

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Online Support

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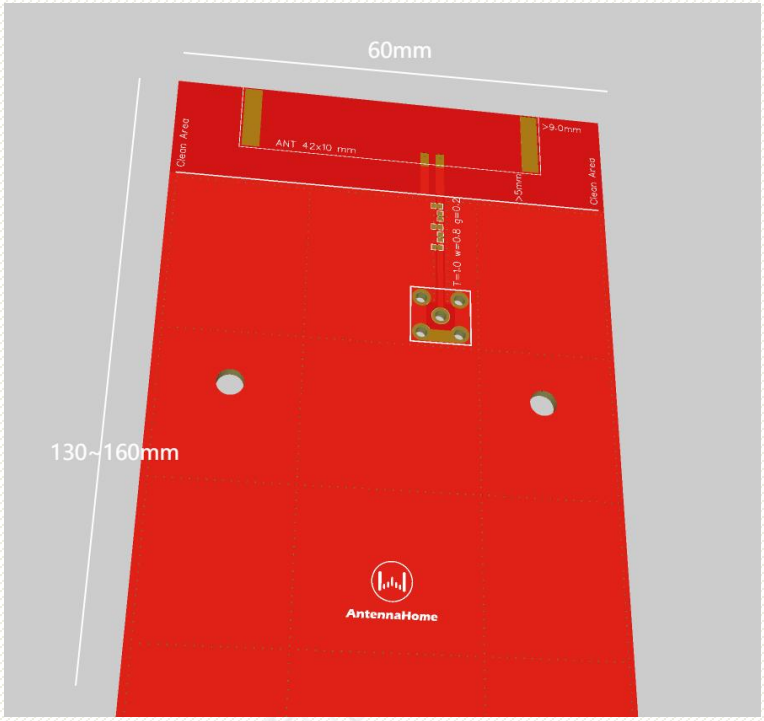
E-mail : CS@AntennaHome.com

Website : Http://www.AntennaHome.com

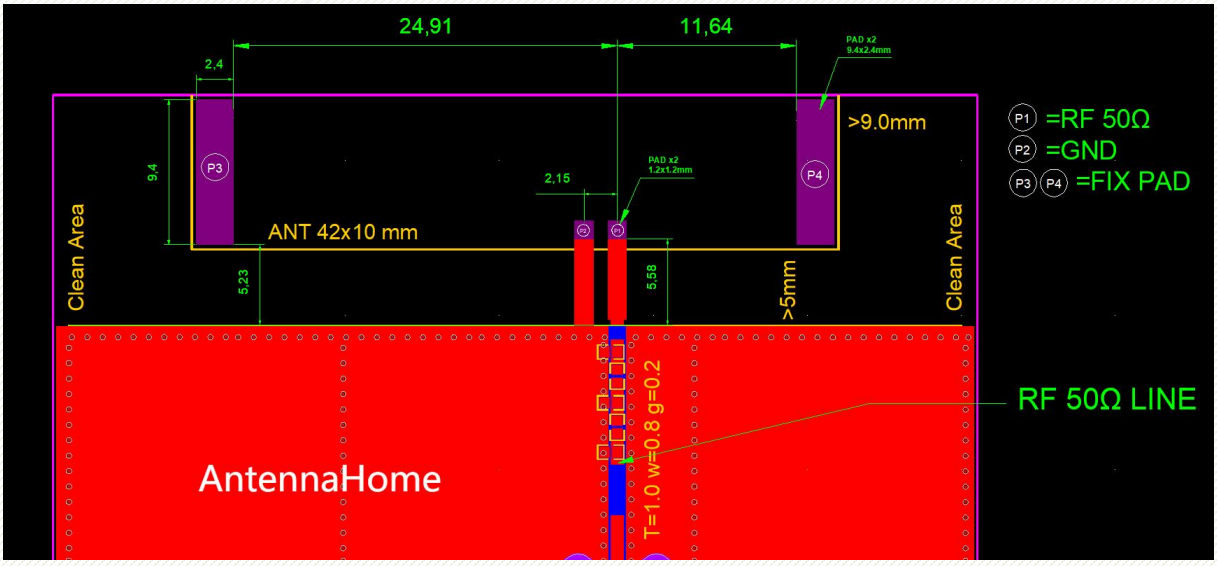
附加说明/Additional Notice

1，该天线的设计及测试，参考开发板；EVB Size：60x130~160mm

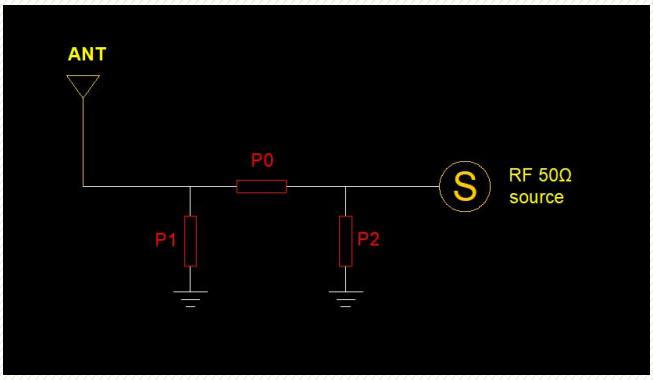
The design and testing of this antenna refer to the development board; Size：60x130~160mm



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：60x130~160mm）；
RF matching network reference value, based on the development board (EVB PCB size: 60x130~160mm)



	P1	P0	P2
值 /Value	N/A	R= 0Ω	N/A

*** 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;

