

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:	50 Ω
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; 1000pcs/Reel
工作温度/Operate Temp:	-40 ~ +85 $^{\circ}\text{C}$

关联产品/Relation Product



SMA-K DIP ([AHCG.202](#))



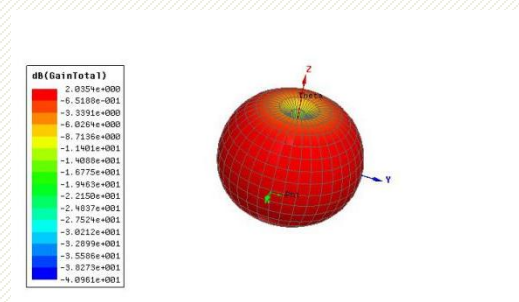
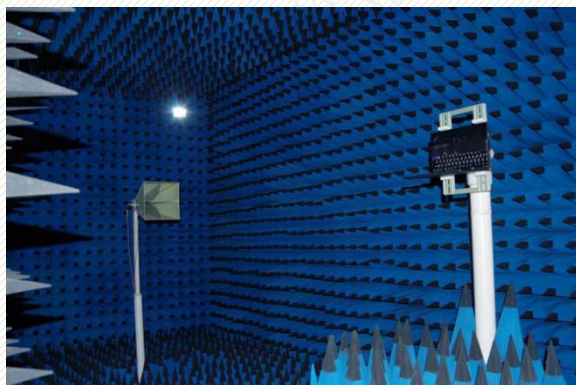
SMA-K ASSY ([AHCG.101](#))

产品手册/ Product Catalogue



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

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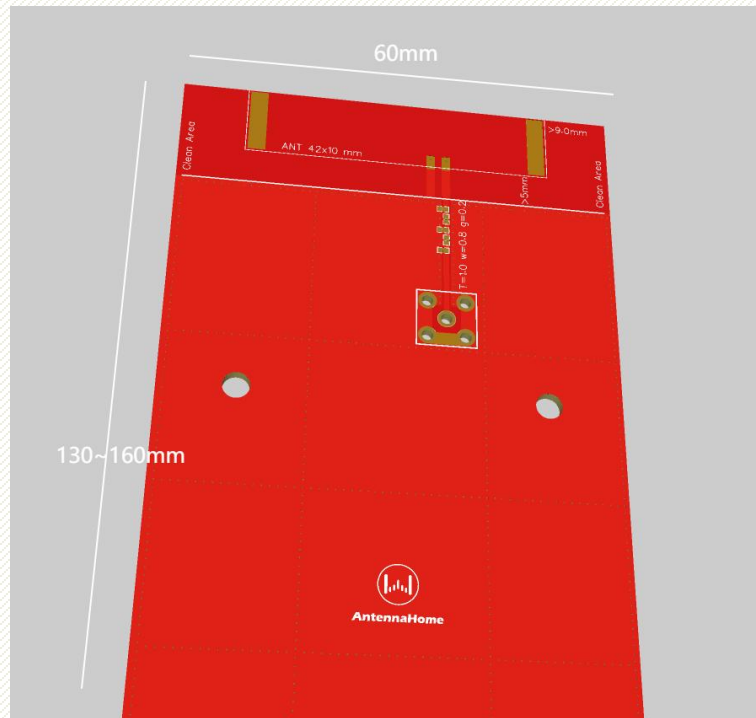
E-mail : CS@AntennaHome.com

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

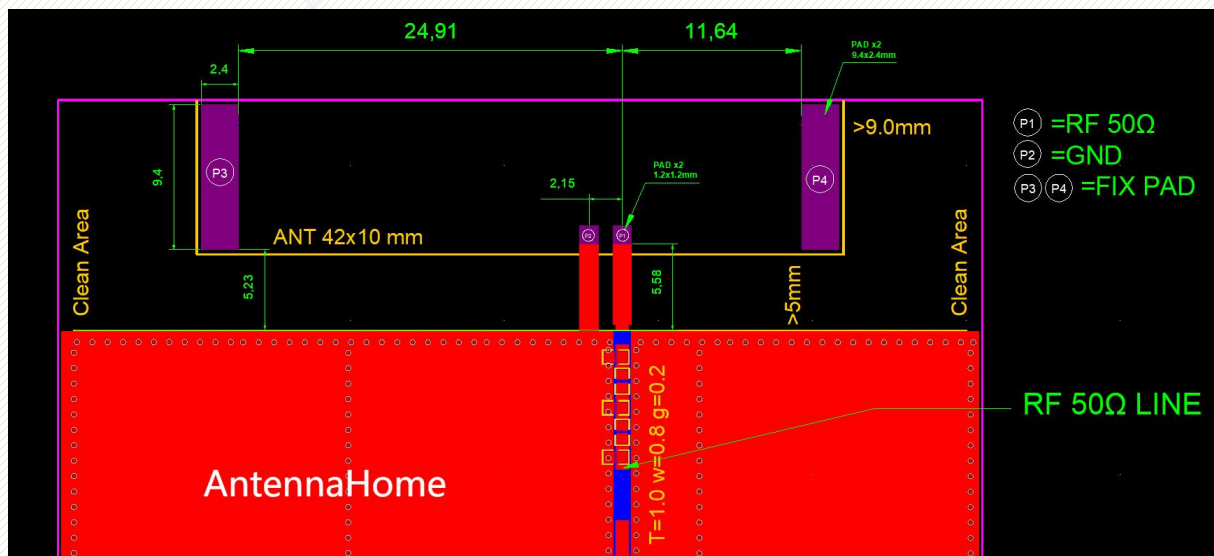
附加说明/Additional Notice

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

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

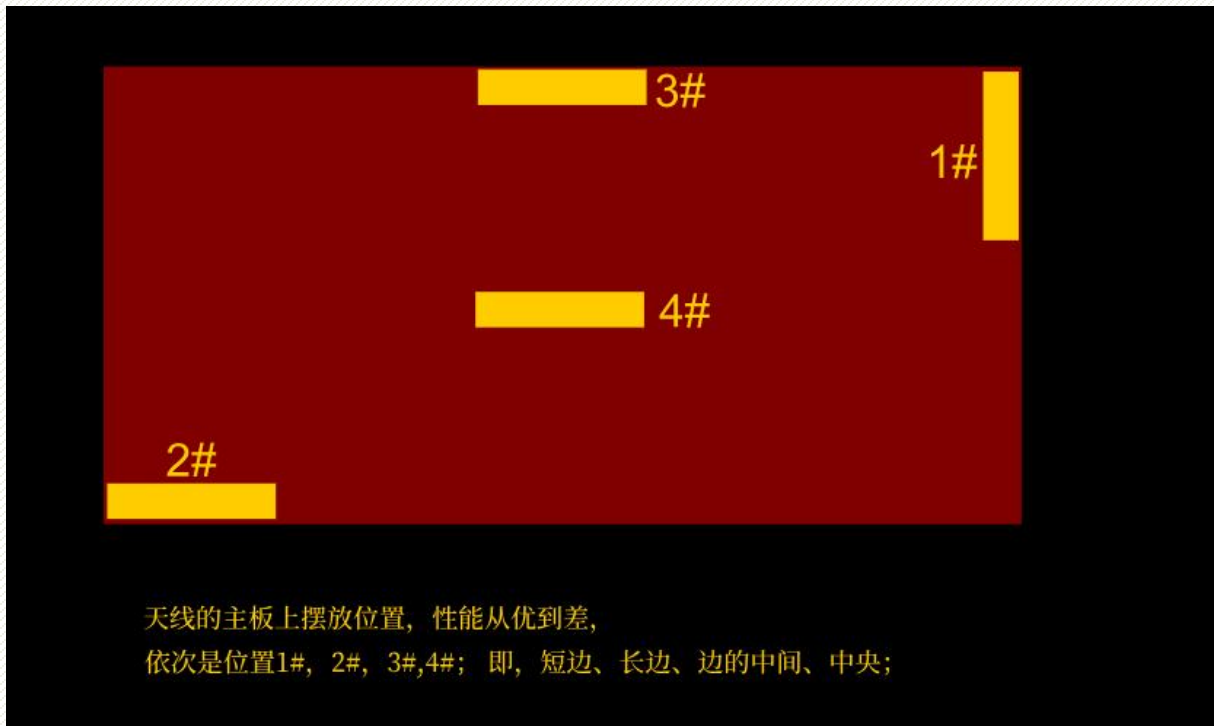


2, PCB layout 尺寸图及注意事项; /PCB Layout Size and notice;



3, 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;



*** 特别提醒 *** Specially Remind ***

任何 CHIP 天线加入到你的产品/设备后, 都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!