

**PRODUCT SPECIFICATION**

Customer's part number: YNX-4G-021-3m

Product description: GSM/3G/LTE Antenna

Issue Date: 2019-6-12

Note: 824~960/1710~2700 Mhz, SMA-M, cable RG174 3 meters

客户签名			深圳市雅诺讯科技有限公司		
核准	审核	检查	核准	审核	检查
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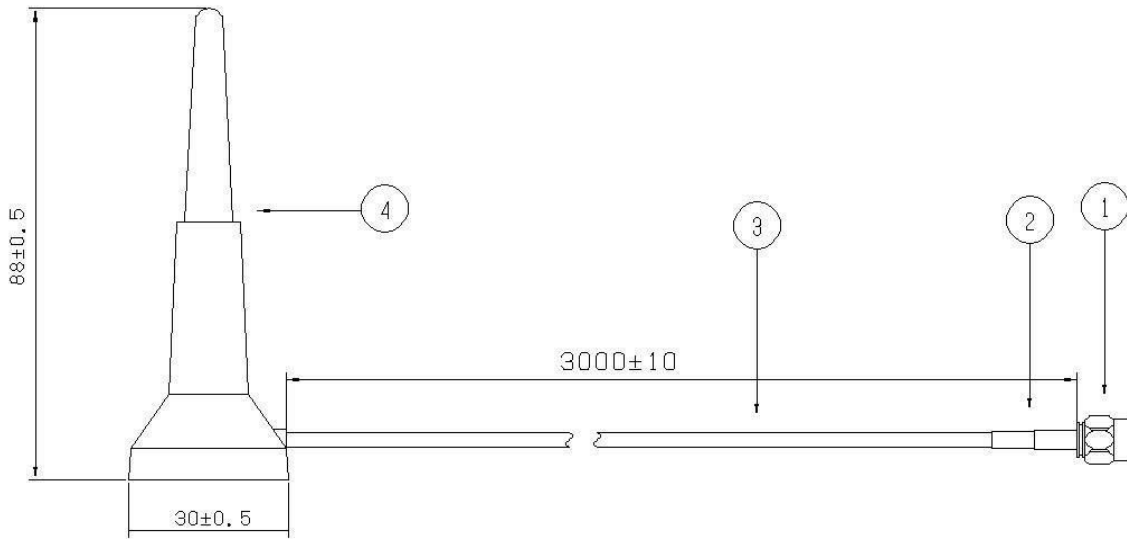
## 1. PRODUCT TECHNICAL SPECIFICATION

Electrical Specifications	
Frequency Range (MHz)	824~960/1710~2700
Input Impedence ( $\Omega$ )	50
V.S.W.R	$\leq 2.2$
Gain (dBi)	3
Polarization Type	Vertical
Radiation Direction	Omnidirectional
Max Input Power (w)	50
Mechanical Specifications	
Antenna Length (mm)	88 $\pm$ 0.5
Base Diameter(mm)	30
Cable (mm)	3000
Connect Type	SMA
Mounting	Magnetic Base
Radome Color	Black
Cable	RG174

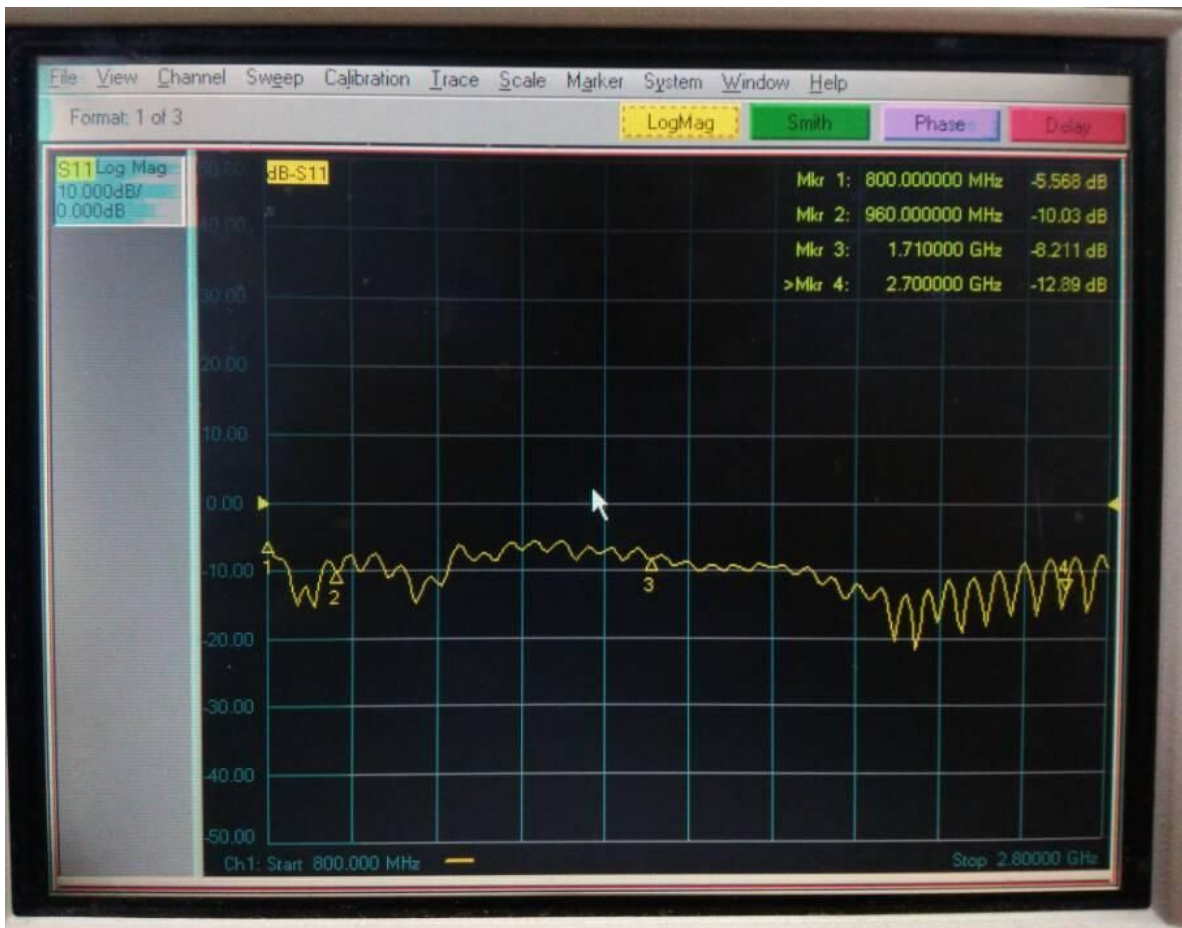
## 2. PRODUCT PICTURE



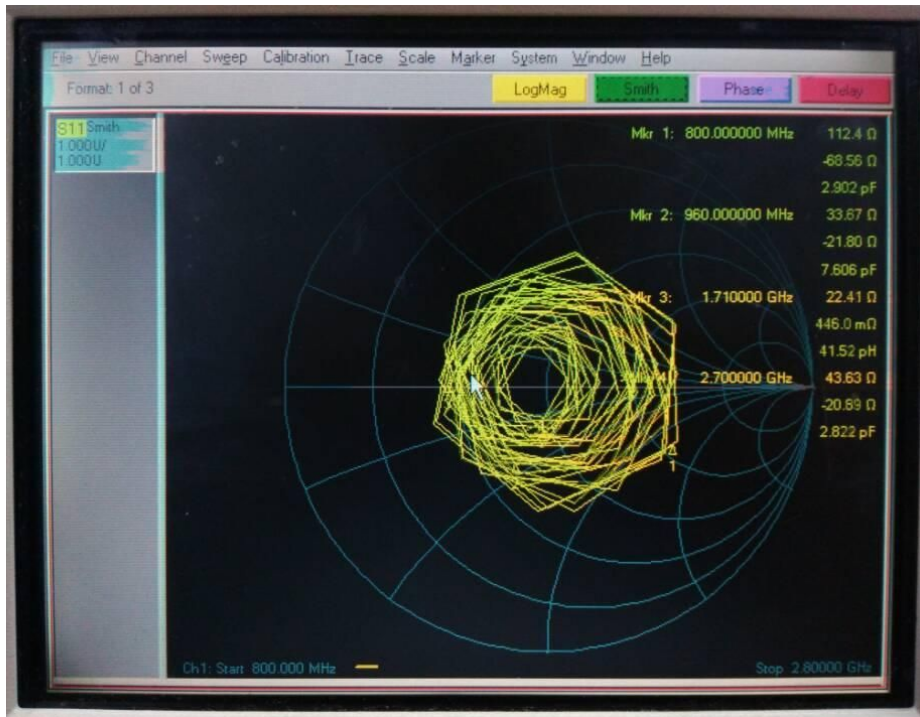
### 3.PRODUCT SPECIFICATION CHART



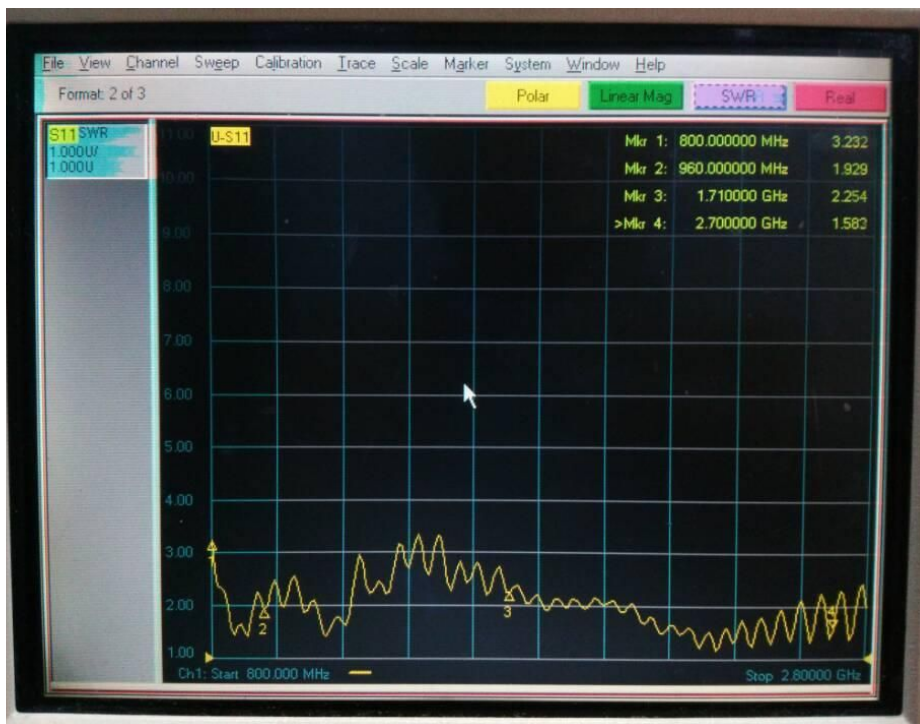
### 4. Return Loss



## 5. Smith chart



## 6. VSWR



## 7. MECHANICAL CHARACTERISTICS

1	摇摆测试 BENDING TEST	放离接头30CM的线端上荷重120g, 固定接头后进行摇摆测试, 摇摆角度左右各60度, 摇摆1000次后测试特性.	摇摆1000次后测试特性无任何现象显示电器性能之损坏.
2	强度测试 STRENG TEST	一个15磅之静负荷施加放线端底部持续一分钟.	无任何现象显示机械及电器性能之损坏.
3	拉力测试 PULLING FORCE	用拉力计接头及线财间进行拉力测试.	可承受拉力为7Kg无任何现象显示电器性能之损坏.
4	振动测试 VIBRATION TEST	以1.10mm和振幅和33.30Hz/sec振动频率以X轴方向振动120分钟, Y轴方向振动120分钟, Z轴方向振动240分钟.	无任何现象显示电器性能之损坏.

**8. DURABILITY**

1	盐雾试验 SALT SPRAY TEST	盐水喷雾试验：依GB1266-86标准 蒸馏水：一次蒸馏 PH6.5~7 喷雾量：1.4me80cm <sup>2</sup> /h 压缩空气压力：1Kgf/ cm <sup>2</sup> 试验相对度：98° 温度：45°~47° 压力温度：35° 测试时间：96hr	所有规格变化范围初始值30% All characteristic range is 30% of the initial value
2	高温试验 HEAT TEST	在85+2°C环境中放96小时，再放在正常环境中30分钟后进行测试 85+2°C for 96 hours, after keep in normal condition for 30mim the to test.	
3	温试验 HUMIDITY TEST	在40+2°C 90-95%RH环境中放96小时，再放在正常环境中30分钟后进行测试 40+2°C 90-95%RH for 96hours, after keep in normal condition for 30mim the to test.	
4	底温试验 COLD TEST	在-40+2°C 环境中放96小时，再置放正常环境中30分钟后进行测试 -40+2°C for 96hours, after keep in normal condition for 30mim the to test.	



# CERTIFICATE OF REGISTRATION



MOODY INTERNATIONAL CERTIFICATION

*This is to certify that the  
Quality Management Systems of:*

**深圳市雅诺讯科技有限公司**

中国广东省深圳市龙岗区龙城街道爱联建新社区新坡路永成鞋厂永成三巷2号厂房4楼

经摩迪国际认证有限公司审核，其质量管理体系符合ISO 9001: 2000标准之要求。  
在持续遵循有关认证条例的基础上，准予注册。此认证结果为国际认可论坛(IAF)质  
量管理体系认证多边互认协议MLA成员认可。

本证书加贴年度监督防伪标签后，方为有效。

认证范围：通讯设备、通讯天线、车载电视天线的制造和销售。

注册号：**110512095**

For the Company



For the Governing Board



014

签发日期：2010年01月13日

有效日期：2013年01月12日

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the Accreditation Certificate 014. The certificate remains the property of Moody International Certification Limited to whom it must be returned on request.

TÜV Rheinland (Shenzhen) Co., Ltd.  
34/F., World Financial Center  
4003 Shennan East Road  
Shenzhen 518001  
P. R. China



# Certificate

Registration No.: 163036997  
Report No.: Z08807784

**Holder:** Shenzhen Yetnorson Technology Co., Ltd.

**Product:** Communication Antenna

Product and its accessories comply with RoHS Directive  
2002/95/EC  
Please refer to test report No. Z08807784

**Tested acc. To:** 2002/95/EC

The certificate of conformity refer to the above mentioned product. This is certify that the specimen is in conformity with the standards mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

TÜV Rheinland (Shenzhen) Co., Ltd  
Shenzhen, 10-07-2010

