

PRODUCT SPECIFICATION

Customer's part number: YNX-GNSS-013-FAKC-3m
Product description: GPS+GLONASS
Issue Date: 2020-9-2
Note: 1575.42±2MHz /1602±2MHZ

Customer Use		Customer's authorized signature	Remarks
Full approved			
Conditional approved			
Rejected			



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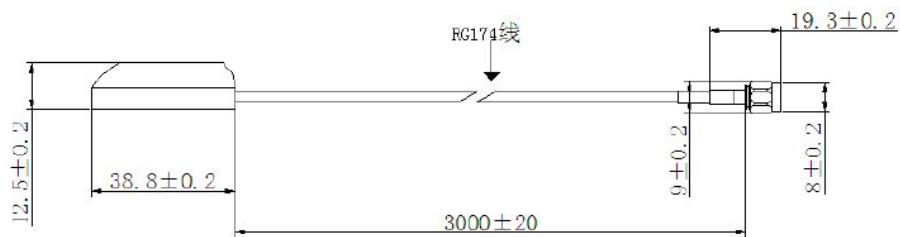
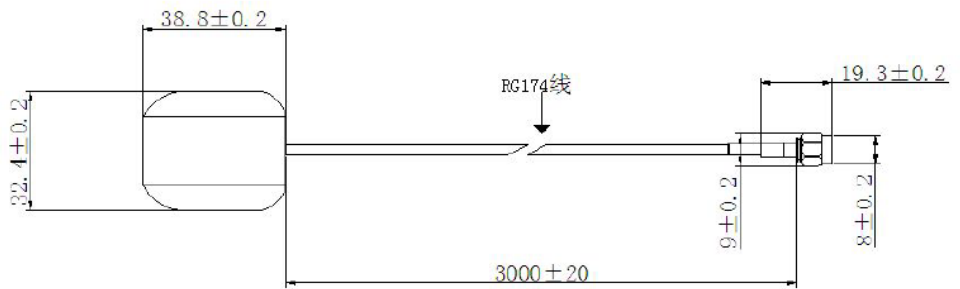
1. PRODUCT TECHNICAL SPECIFICATION

GPS+GLONASS Electrical Specification	
Center Frequency (MHz)	1575.42±2MHZ/1602±2MHZ
Bandwidth (MHz)	4HZ
Gain (dBi)	28B±3dB(LNA)
Input Impedance (Ω)	50 Ω
V.S.W.R	≤2.0
Consumption Electric	<10mA
Polarization Intensity	R.H.C.P
Supply Voltage	DC3~5.0V
The Sound Coefficient	≤1.5dB
Axial Ratio	3dB
Max Input Power (w)	50
Operating Temperature	-40°C~+85°C
Storing Temperature	-20°C~+85°C
Cable length (mm)	3000
Mounting	Magnetic base
Connector Type	Fakra C straight
Dimension-mm	38.8*32.4*12.5
Weight (g)	~80

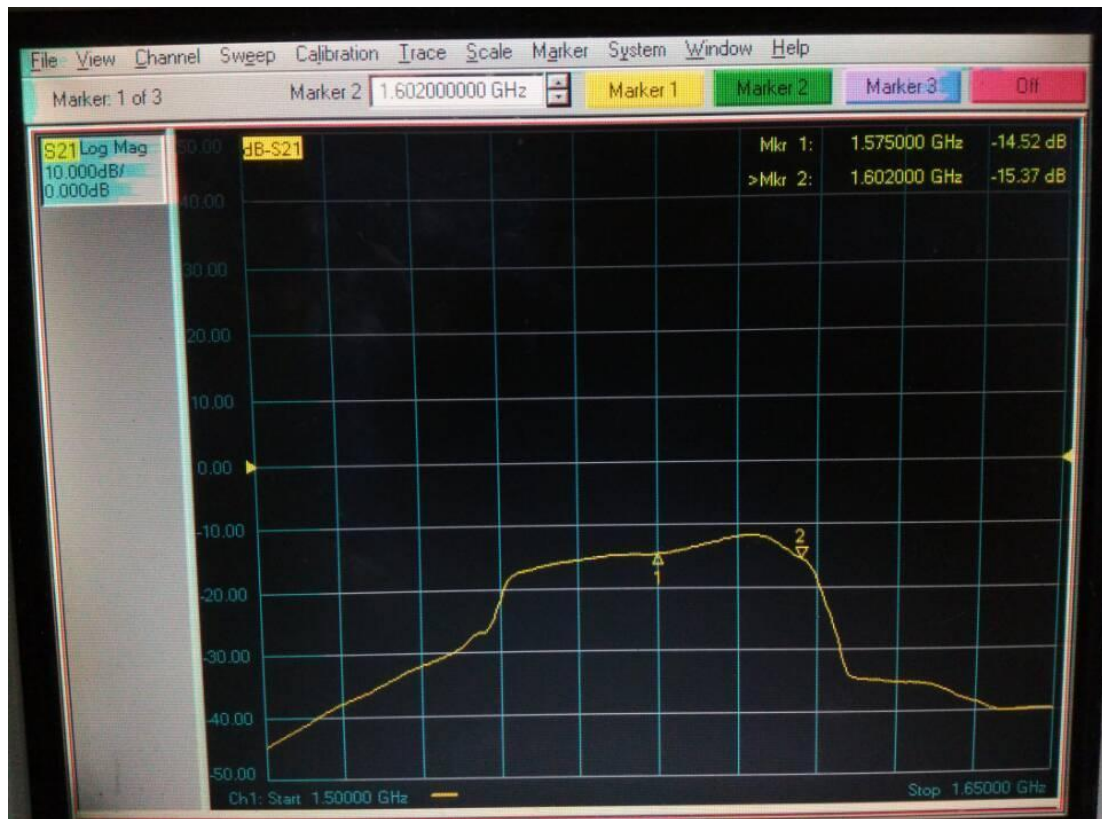
2. PRODUCT PICTURE



3 . PRODUCT SPECIFICATION CHART



4. STATIONARY WAVE PATTERN



5. 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	用拉力计接头及线材间进行拉力测试.	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.

6. DURABILITY

1		SAIT 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 ² /h 压缩空气压力：1Kgf/ cm ² 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		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		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		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.	