



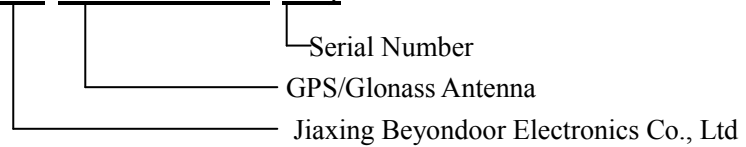
JIAXING BEYONDOOR ELECTORNICS CO.,LTD



MODEL: BY-GPS-GLONASS-10

GPS/Glonass Antenna Specification

(Model: **BY-GPS-Glonass-10**)



(I) Product Overview

Dielectric Antenna

Center Frequency (MHz): 1575/1602

VSWR: 1.5:1

Bandwidth (MHz): ± 5

Impedance (Ω): 50

Peak Gain > 3 dBi Based on 7cm \times 7cm ground plane

Gain Coverage > -4 dBi at $-90^\circ < 0 < +90^\circ$ (over 75% Volume)

Polarization: RHCP

(ii) LNA/Filter

LNA Gain (Without cable) : 28 dBi Typical

Noise Figure (dB): 2.0

Filter Out Band Attenuation ($f_0=1575.42$ MHz) :40dB Min 1592 \pm 130MHz ;

VSWR < 2.0

DC Voltage (V): 2.7 to 5.5v

DC Current (mA): 15Max

(iii) Mechanical

Weight (gram) < 110

Size (mm): 42 \times 36 \times 13.5

Cable Length (m): 2,3 etc.

Connector: SMA/SMB/SMC/BNC/FME/TNC/MCX/MMCX/FAKRA etc.

Mounting: Magnetic/adhesive

Housing: Black

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(iv) Environmental

Working Temp: -40°C~+85°C

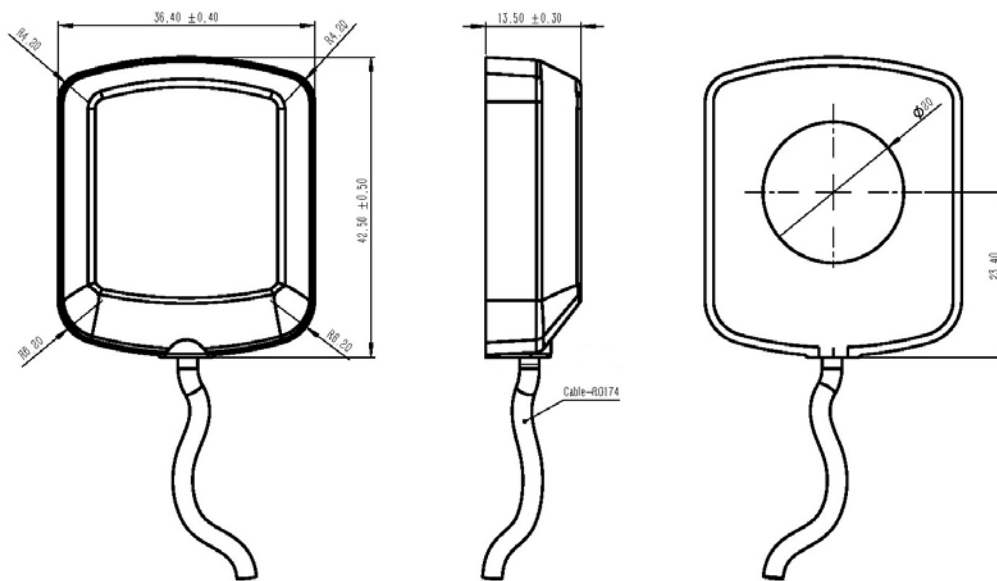
Storage Temp: -45°C~+100°C

Vibration: Sine sweep 1g(0-p)10~50~10Hz each axis

Humidity: Humidity95%~100%RH

Weatherproof: 100%Waterproof

(II) Mechanical



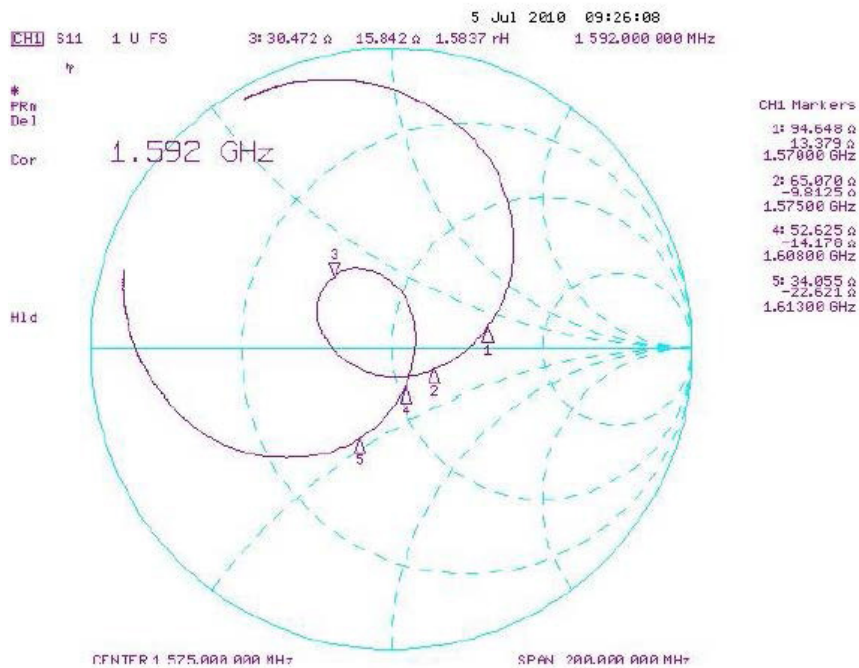
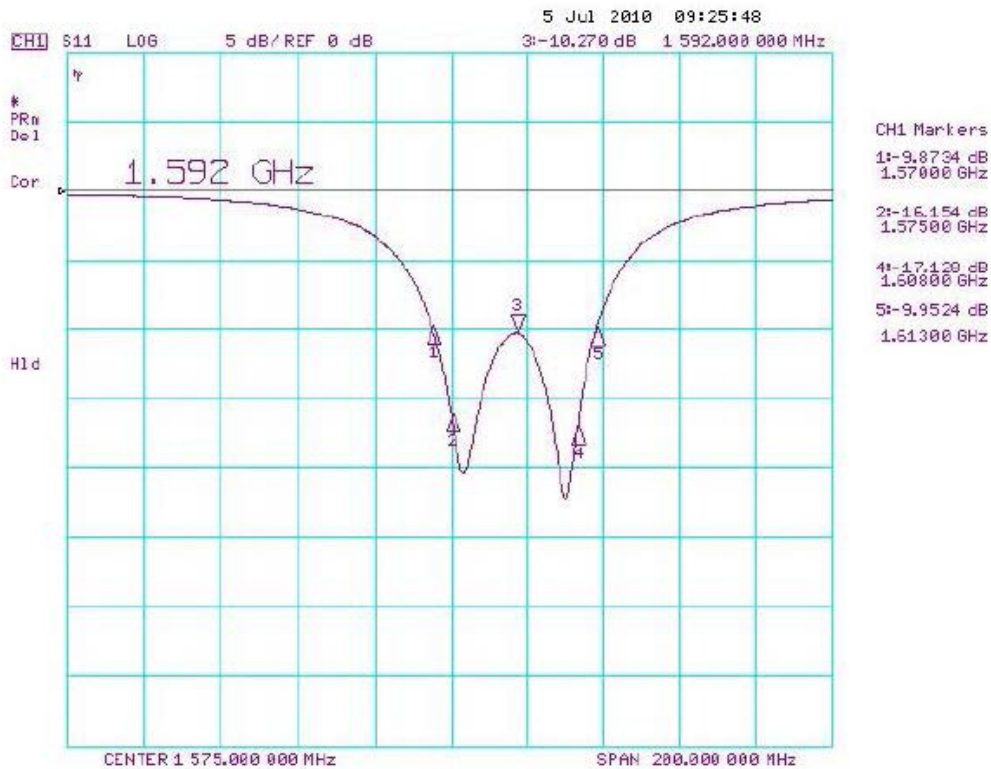
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(III) Characteristic curve

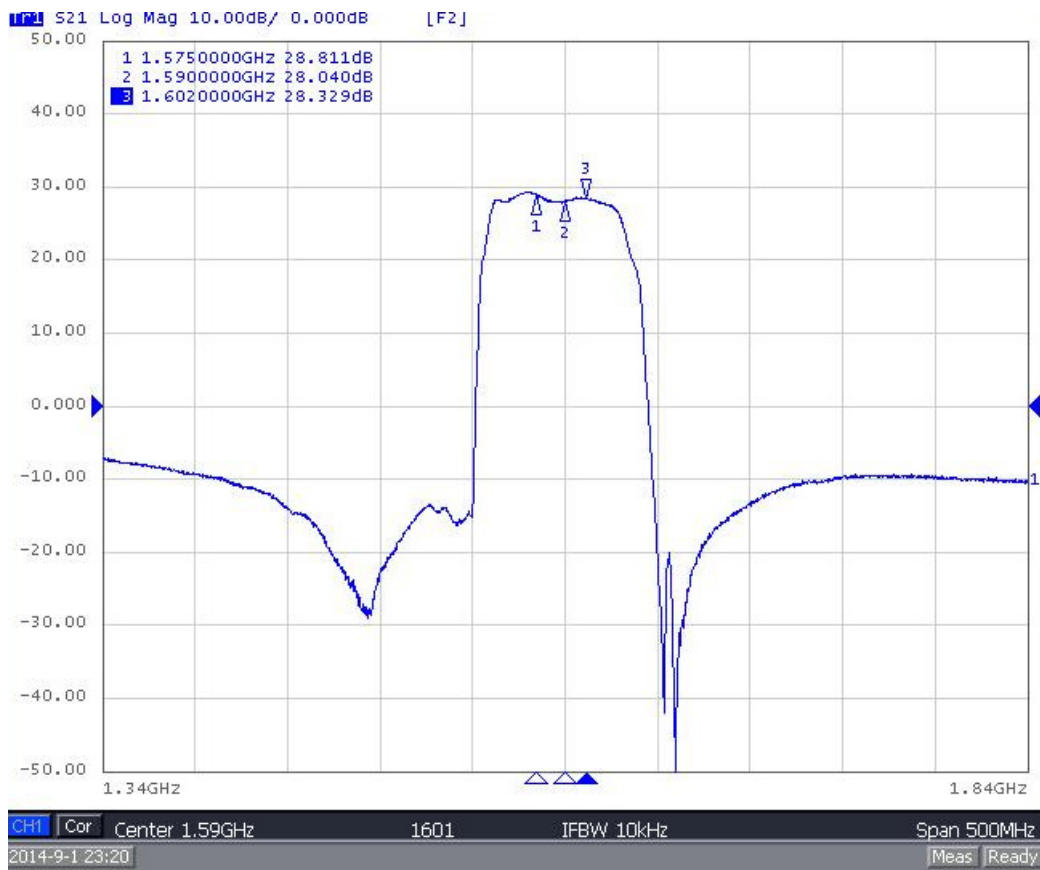


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