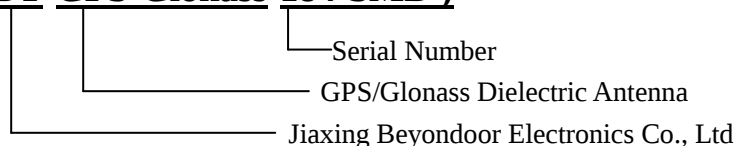


GPS/glonass Dielectric Antenna Specification

(Model: BY-GPS-Glonass-184-SMD)



(I) Product Overview

(i) Dielectric Antenna

Item	Content
Nominal frequency MHz	1590
-10dB Bandwidth MHz min	10
Return Loss at Center Frequency dB max	-20.0
Gain (Zenith 90°) dBi type	2.0
Polarization Model	RHCP
Impedance	50 Ω
Axial Ratio dB max	3.0
Frequency Temperature Coefficient	20ppm/deg.°C max

* Center frequency :-10dB bandwidth center frequency. depend on the ground plane of customers.

(ii) Mechanical

Weight (gram) <10

Size (mm): 18×18×4

(iii) Environmental

Working Temp: -40°C~+85°C

JIAXING BEYONDOOR ELECTRONICS CO.,LTD

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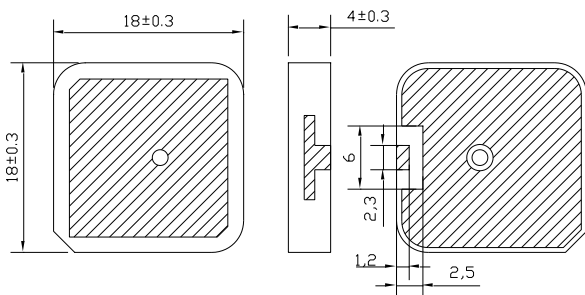
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Storage Temp: $-45^{\circ}\text{C}\sim+90^{\circ}\text{C}$

Vibration: Sine sweep $1\text{g}(0\text{-p})10\sim50\sim10\text{Hz}$ each axis

Humidity: Humidity $95\%\sim100\%\text{RH}$

(II) Mechanical



(III) Characteristic curve

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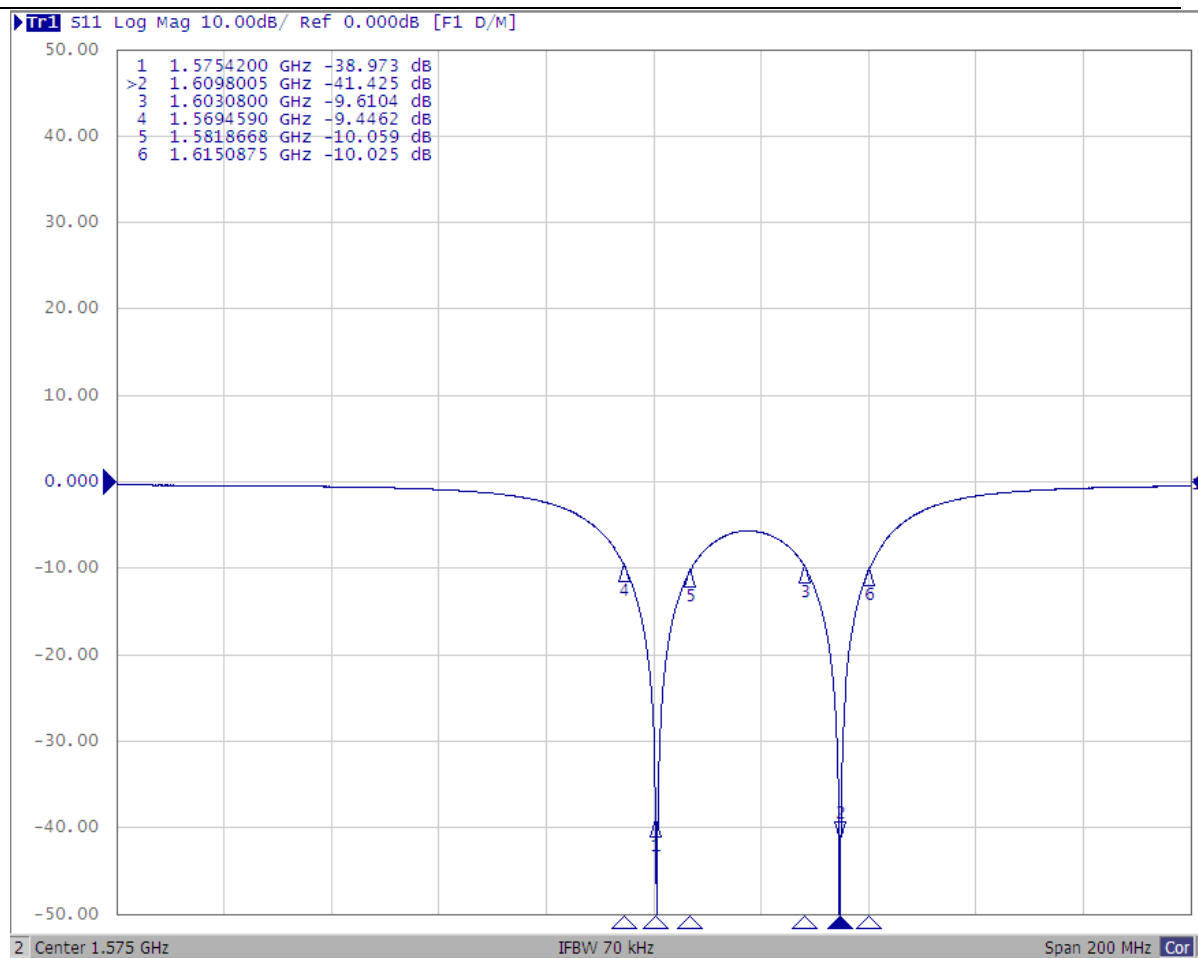
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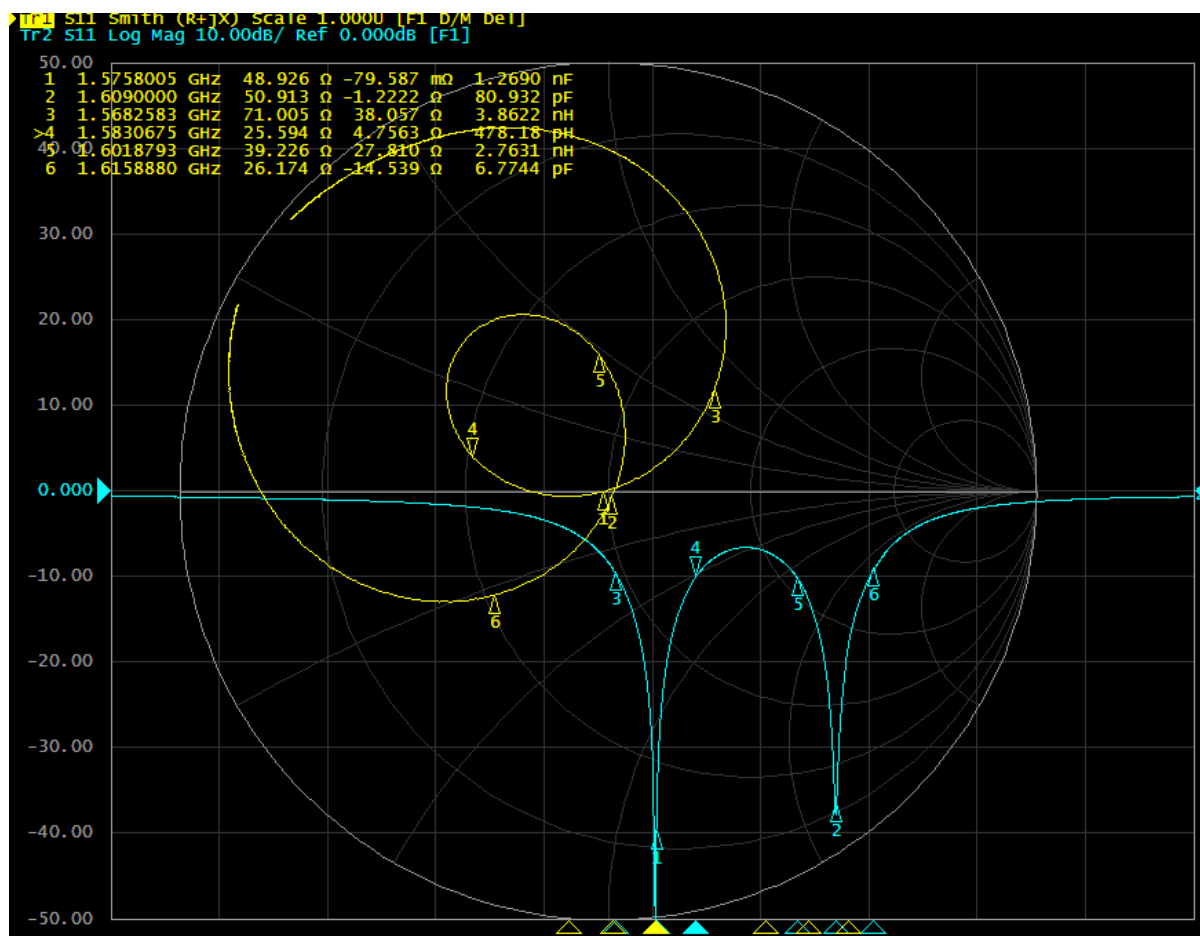
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