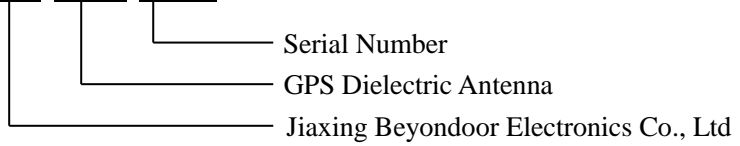




GPS Dielectric Antenna Specification

(Model: BY-GPS-124)



(I) Product Overview

(i) Dielectric Antenna

Center Frequency (MHz): 1575.42±3

VSWR: 1.5:1

Bandwidth (MHz): 10Min

Impedance (Ω): 50

Peak Gain >2.5dBi Based on 7cm×7cm ground plane

Gain Coverage >-4dBi at -90°<0 <+90°(over 75% Volume)

Polarization: RHCP

Power Handling (W): 1

(ii) Mechanical

Weight (gram) <10

Size (mm): 12×12×4

(iii) Environmental

Working Temp: -40℃~+85℃

Storage Temp: -45℃~+90℃

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

Humidity: Humidity95%~100%RH

(II) Mechanical

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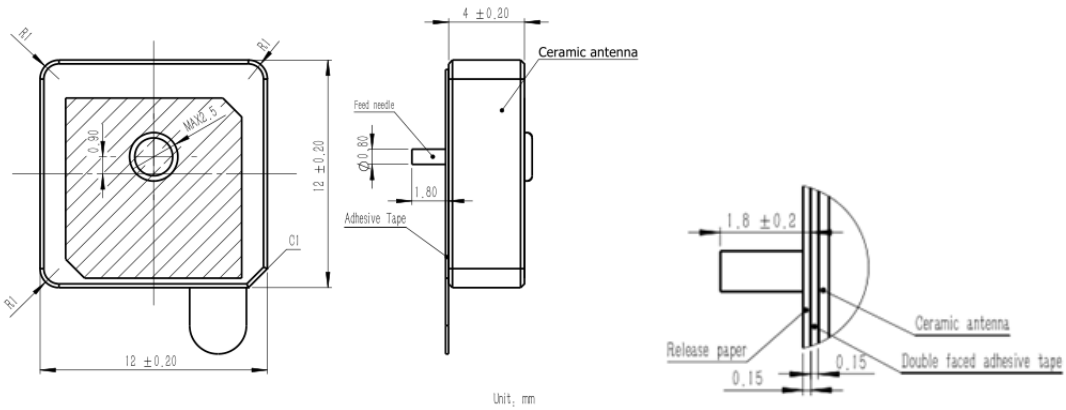
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(III) Characteristic curve

