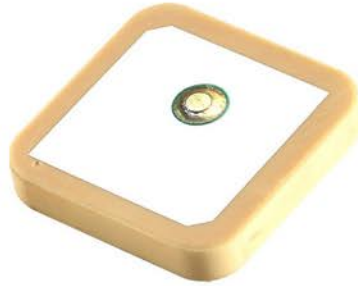


BY-GPS-254

Ceramic GPS patch antenna



Product Specifications

Dielectric Antenna

Center Frequency (MHz) : 1575./1602

Center frequency (MHz): 1590

VSWR: 1.5:1

Bandwidth (MHz) : 15 Min

Impedance (Ω) : 50

Peak Gain: >4dBi Based on 7cm×7cm ground plane

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

Polarization: RHCP

Mechanical

Weight (gram): < 10

Size (mm) : 25 × 25 × 4

Environmental

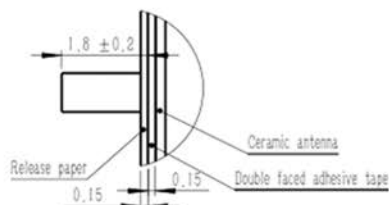
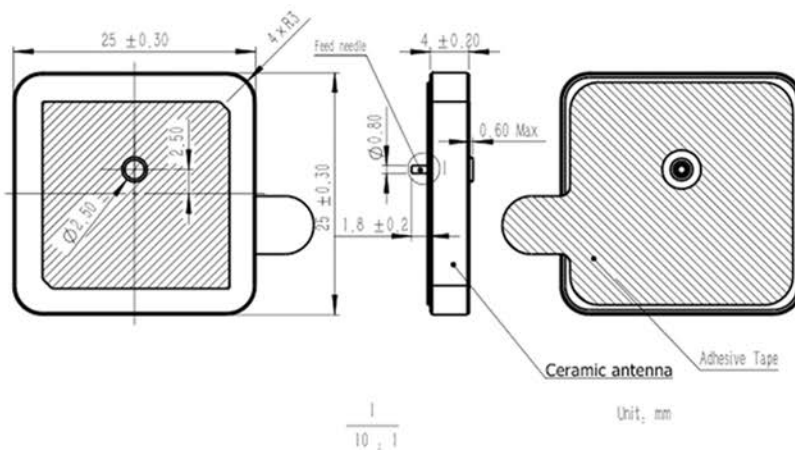
Working Temp: $-40^\circ\text{C} \sim +85^\circ\text{C}$

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

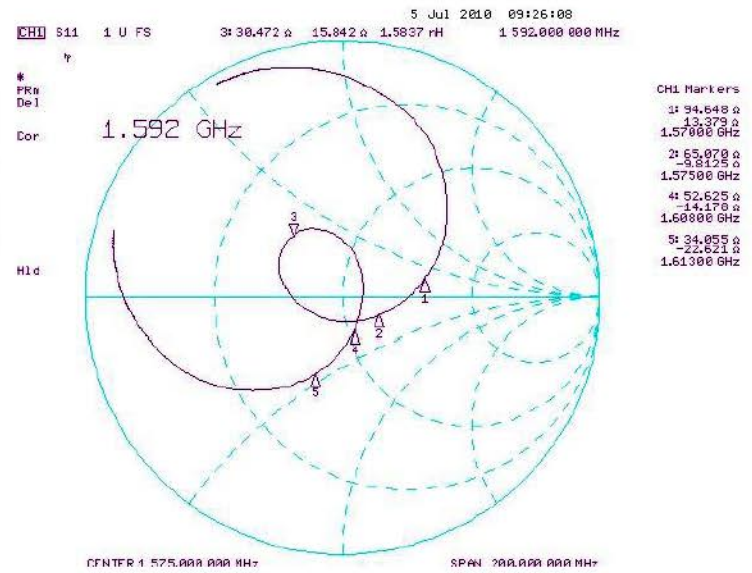
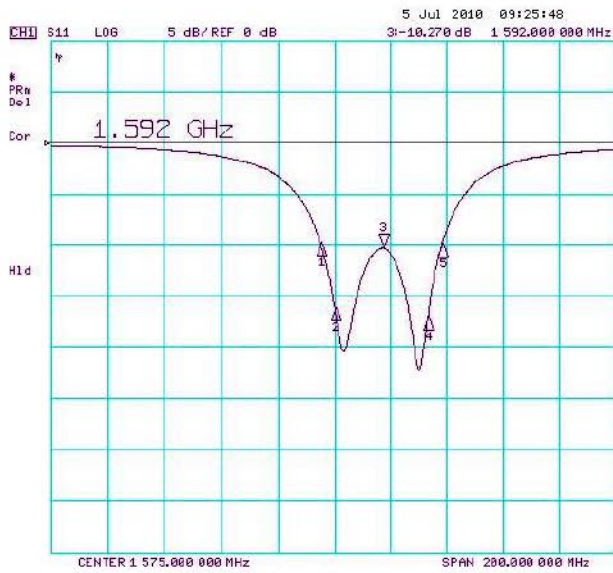
Vibration: Sine sweep 1g(0-p)10~50~10Hz each axis

Humidity: Humidity 95%~100%RH

Mechanical Specifications



Characteristic Curve



✓ The results are measured on the 70x70mm² ground plane.