

GPS+GNSS Embedded Antenna

STANDARD / SPECIFICATION

Frequency Range : $1575.42 \pm 3\text{MHz}$ / $1602 \pm 3\text{MHz}$

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : $\leq -10\text{ dB}$

Antenna Gain(Peak High) : 1.5 dBi

LNA Gain(Peak High) : $18\pm 1\text{dB}$

Polarization : RHCP

Horizontal Angle of Coverage : 90°

Noise Figure : $1.4\text{ dB Typ. } 1.5\text{dB Max.}$

Voltage : Min:2.7V Typ:3.0V Max:3.3V

Cable Type : OD1.13 / Black/White/Gray or Customization

Connector : SMA/MCX/MMCX/U.HF/I-PEX or Customization

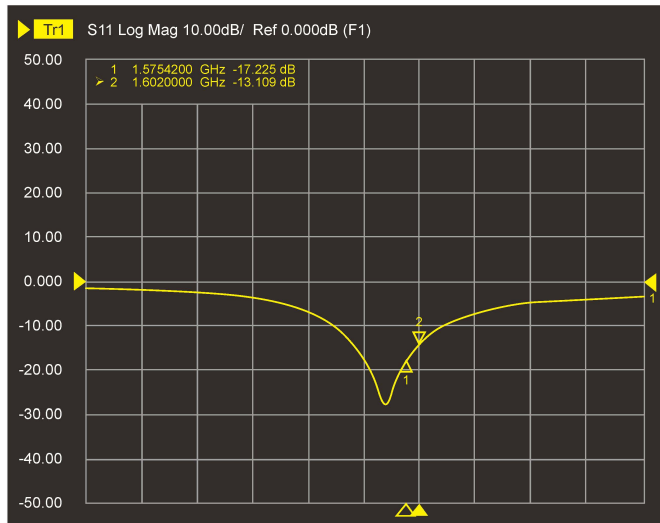
Waterproof Level : none

Antenna Dimensions : Ceramic cover: $15*15*2\text{mm}$

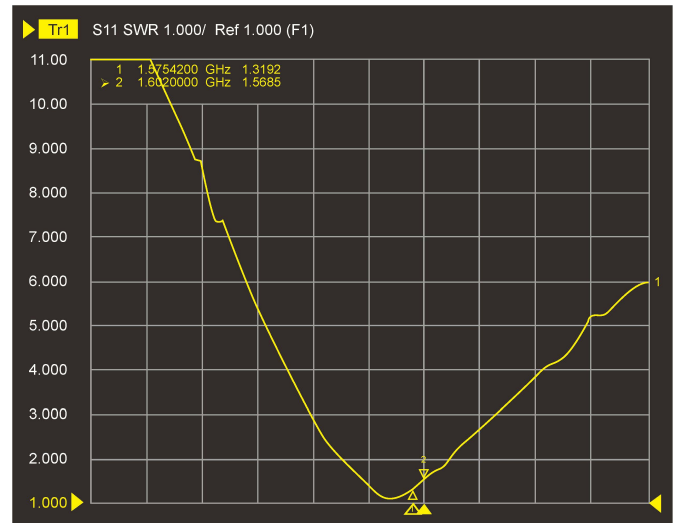
Total dimensions: $15*15*5\text{mm}$



Return Loss



VSWR



Smith Chart

