

# 1560-1602 MHz GNSS ANTENNA

## Standard Antenna Solutions

Part Number: 2118900-1

### PRODUCT FACTS:

- Small and lightweight
- Available in tape & reel for automatic mounting
- RoHS compliant

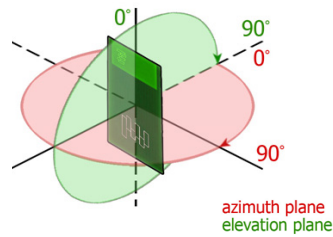
### RECOMMENDATIONS:

- Minimum matching circuits required
- Bandwidth and performance is dependent on ground plane size. The following data was measured with 100mm ground size.
- PCB ground is to be on top layer

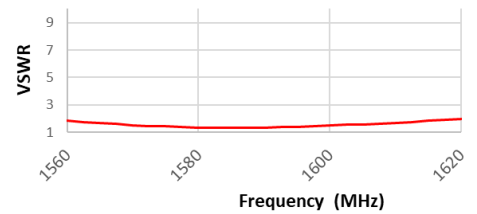
### SPECIFICATIONS:

- Frequency Range: 1560-1602 MHz
- Peak Gain: See the below chart
- VSWR: <2.0:1
- Polarization: Linear
- Azimuth Beam Width: Omni directional
- Power Handling: 3 Watt cw
- Feed Point Impedance: 50 ohms
- Size: 10mm x 10mm x 1mm
- Weight: <0.5g
- Mounting: Surface-mount technology
- Keep Out Area: See diagram on page 3
- Operating Temperature: -40° to 85°C

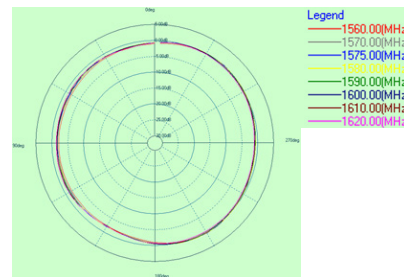
### TEST ORIENTATION IN FREE SPACE:



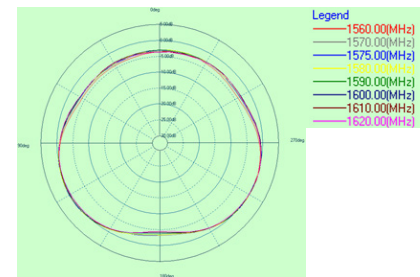
### VSWR:



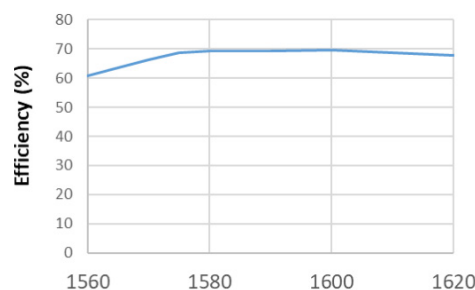
### AZIMUTH:



### ELEVATION:



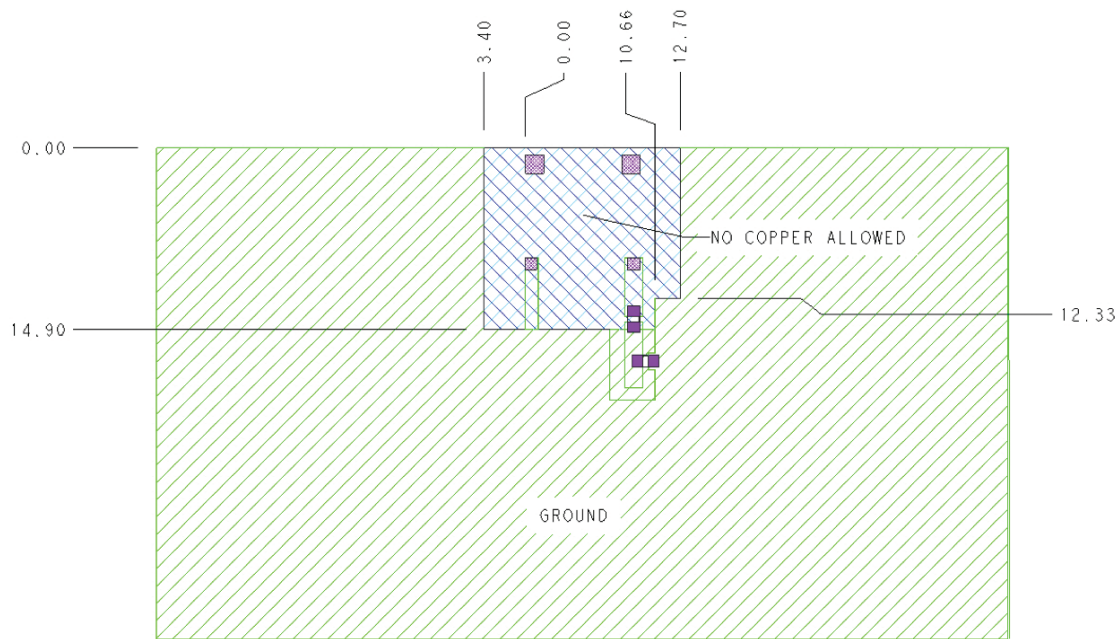
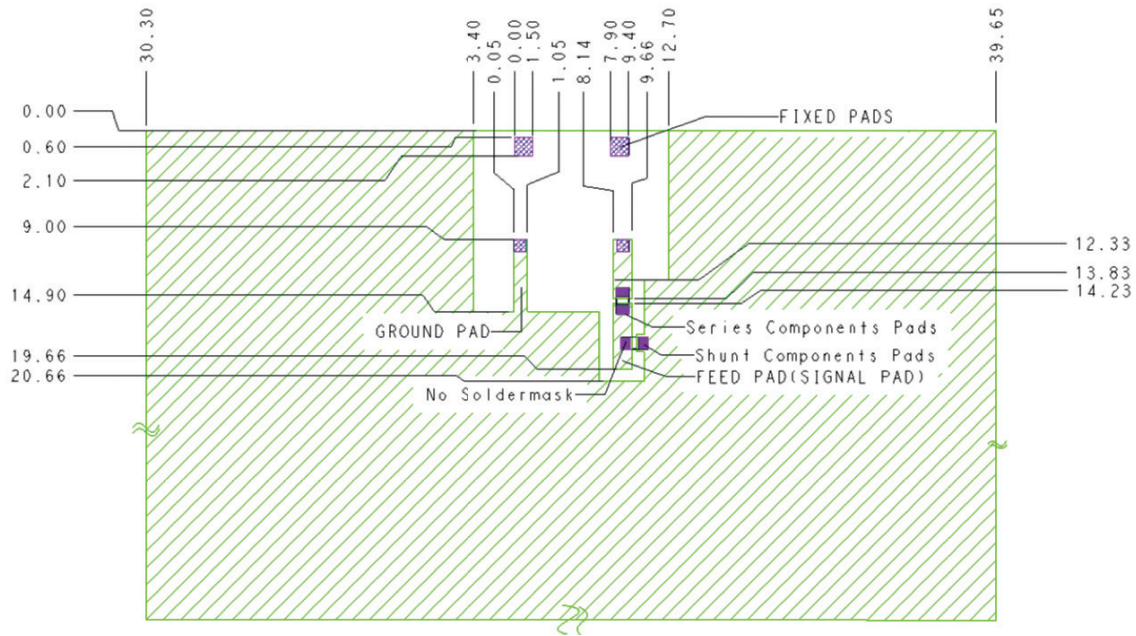
### EFFICIENCY:



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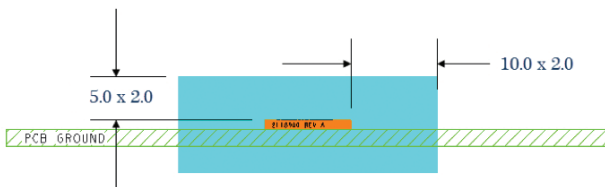
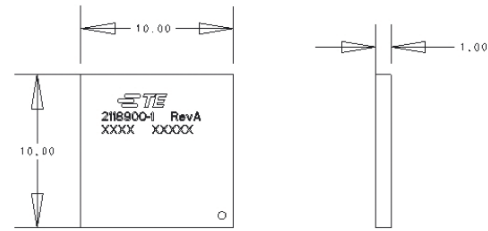
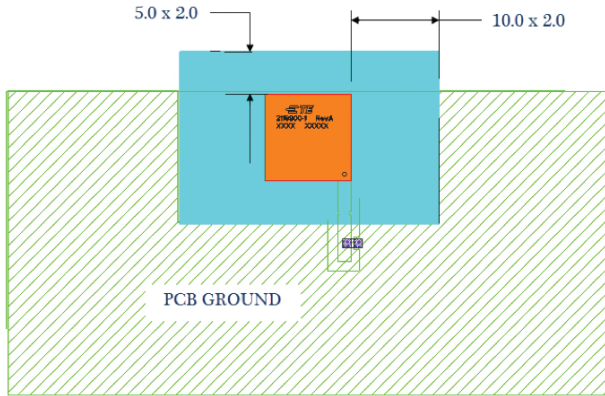
## MOUNTING GUIDE:



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## KEEP OUT AREA:



## TE TECHNICAL SUPPORT CENTER

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Germany: +49 (0) 6251-133-1999  
UK: +44 (0) 800-267666  
France: +33 (0) 1-3420-8686  
Netherlands: +31 (0) 73-6246-999  
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1-1773969-5 01/19 Original

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