

Description: 18184 GNSS Patch Antenna

PART NUMBER: ANT1818B00FTGNSS

Features:

- Size : 18x18x4 mm
- High radiation efficiency
- Pin-solder process
- RoHS compliant



Applications:

- Navigation device
- Telematics box
- Fleet management

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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ELECTRICAL SPECIFICATIONS

Working Frequency	1559~1610 MHz
Gain	-2.0 dBic (Typ.)
Return Loss	≤ 3
Polarization	Right Hand Circular Polarization
Axis Ratio	≤ 20
Impedance	50 Ω
Operating Temperature	- 40~85 °C

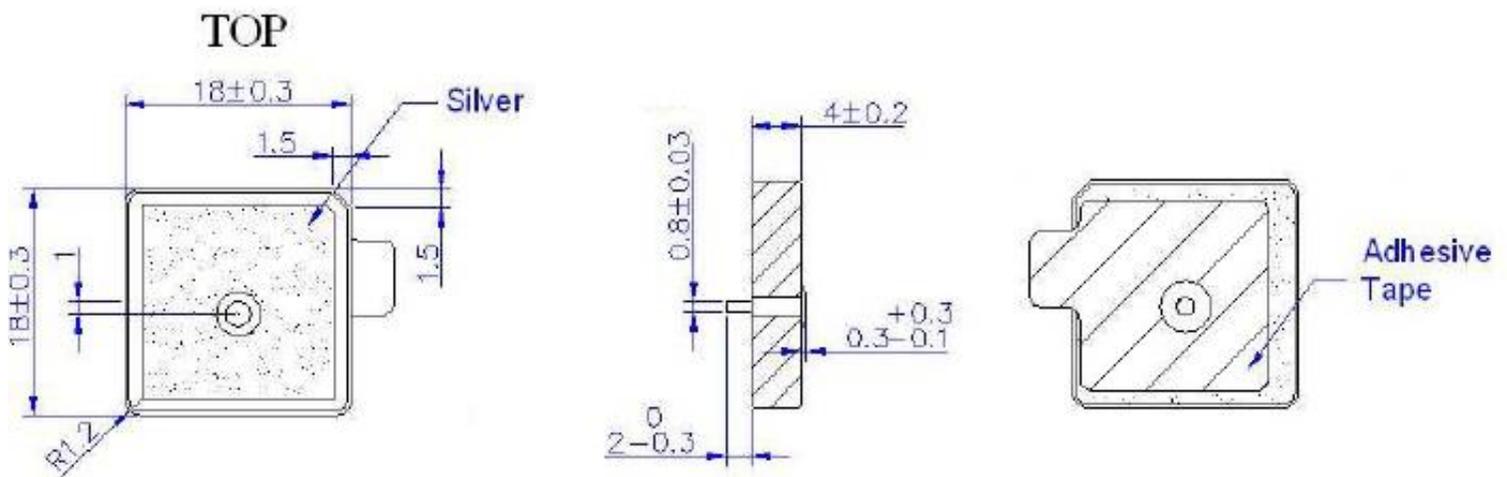
- NOTE
1. Based on 50×50 mm² square ground plane.
 2. Centre frequency will be offset to working frequency while changes of customer's housing and ground plane.

MECHANICAL DRAWING

Top View

Side View

Bottom View



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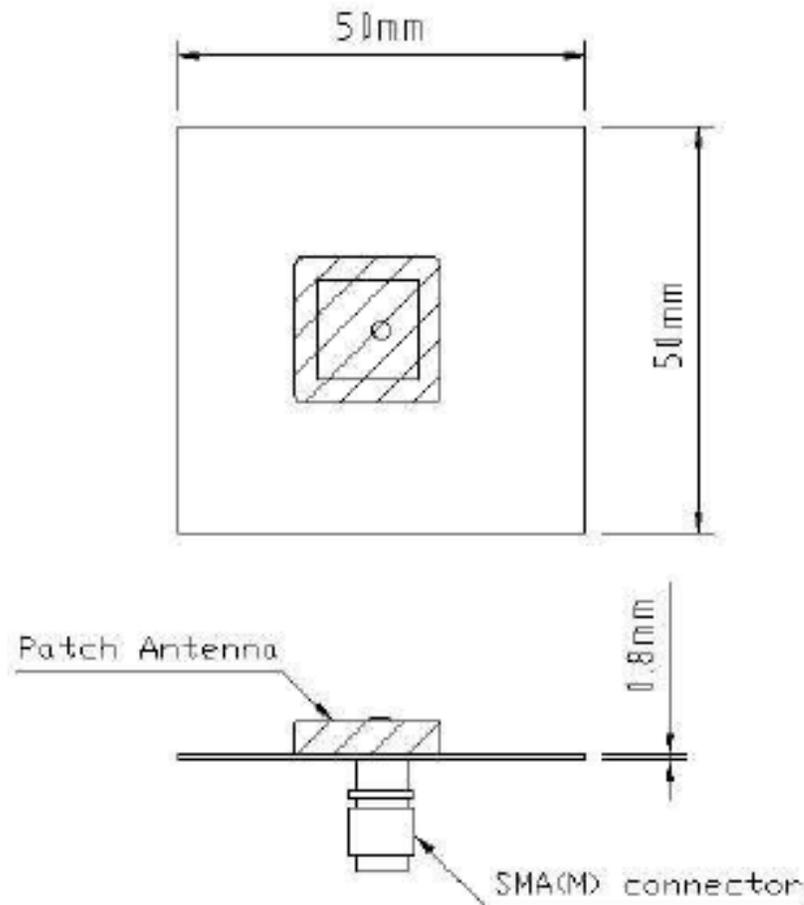
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Description: 18184 GNSS Patch Antenna

PART NUMBER: ANT1818B00FTGNSSS

REFERENCE DESIGN OF EVALUATION BOARD



Evaluation Board

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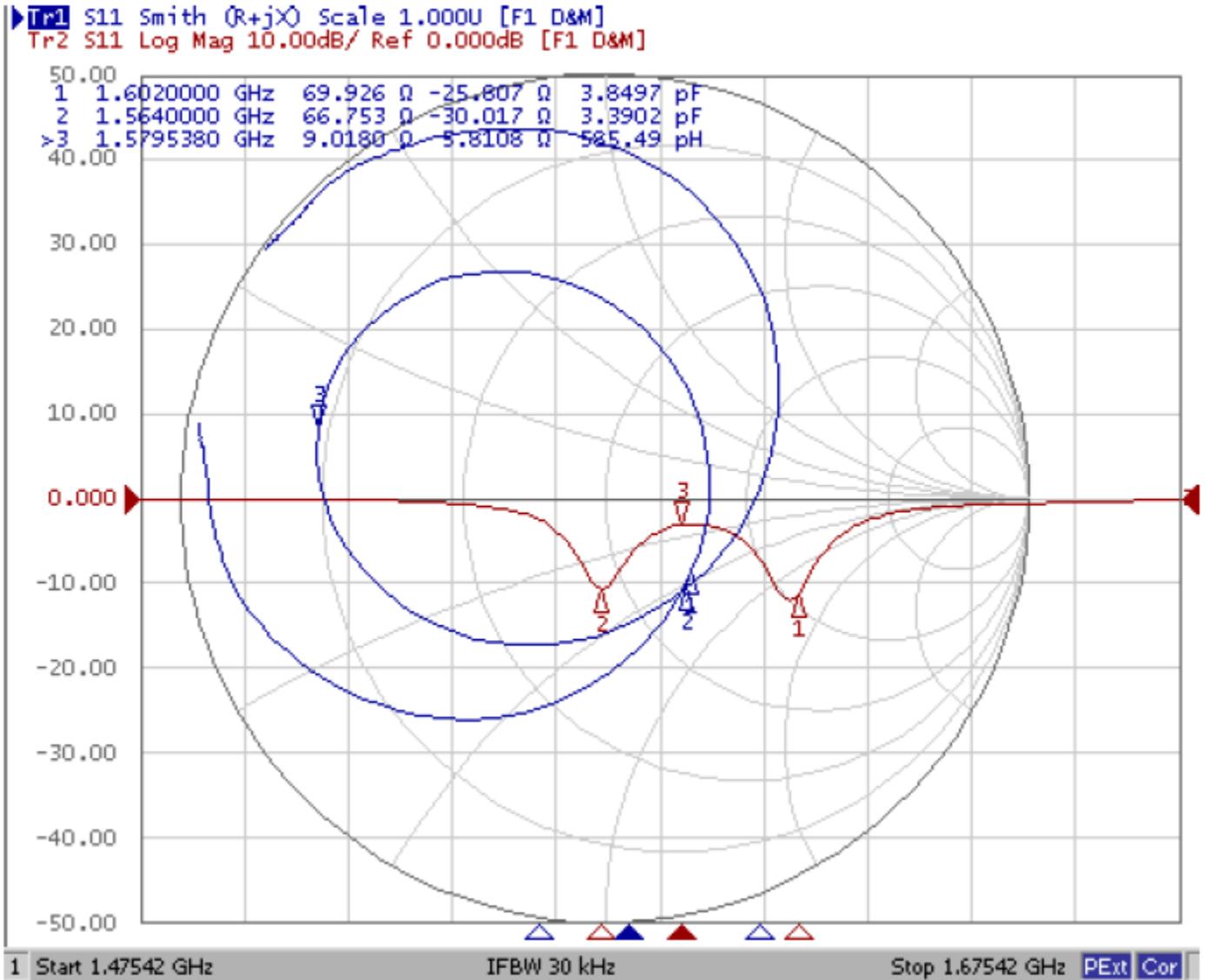
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REFERENCE DESIGN OF EVALUATION BOARD



Return Loss

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REVISION HISTORY

Revision	Date	Description
Version 1	Oct. 14, 2020	- New issue

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