

Description : 35354 Iridium Patch Antenna**PART NUMBER :** ANT3535B002T1621S**Features:**

- Size : 35x35x4
- High radiation efficiency
- Iridium band
- Pin-solder process
- RoHS compliant

Applications:

- Iridium system
- Navigation device
- Telematics box
- Fleet management

All dimensions are in mm / inches

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

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Description : 35354 Iridium Patch Antenna**PART NUMBER : ANT3535B002T1621S****ELECTRICAL SPECIFICATIONS**

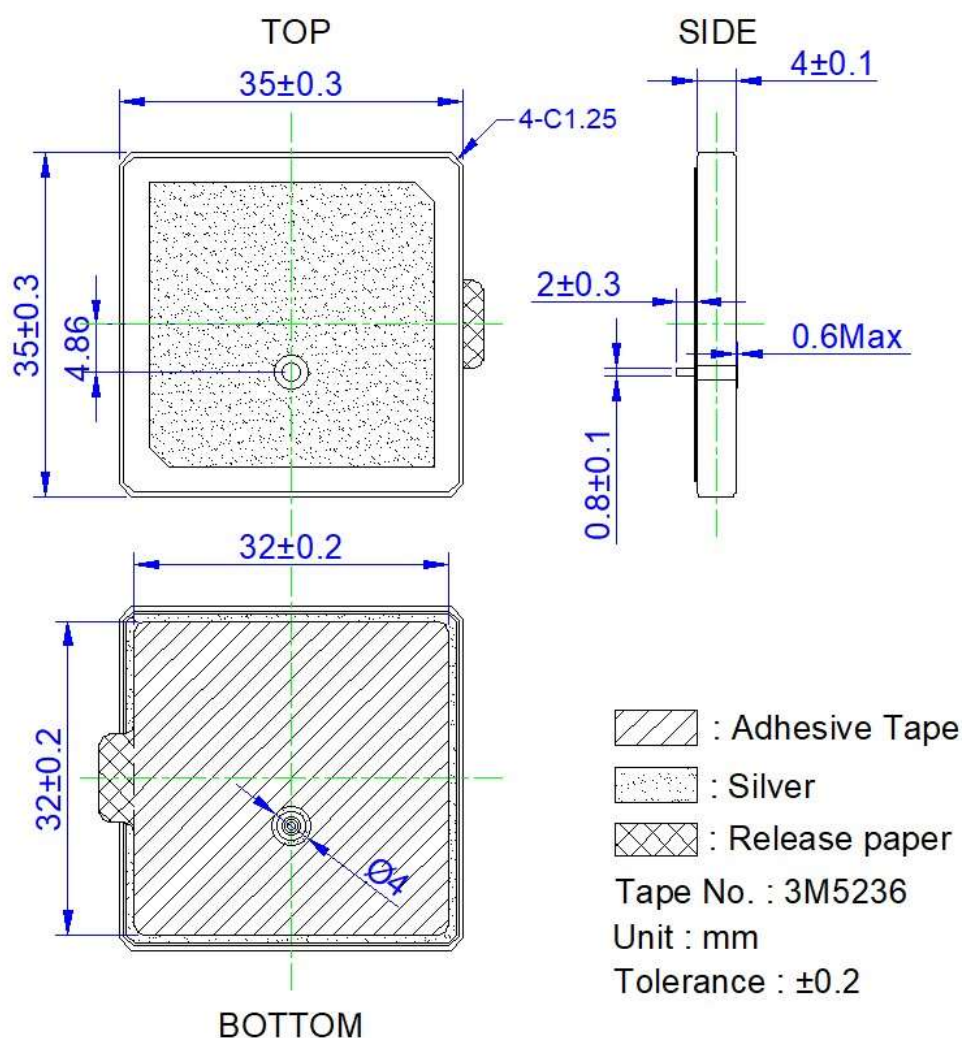
Working Frequency	1616 MHz ~ 1626.5 MHz
Center Frequency	1621 ± 3 MHz
Gain (@ Zenith)	4.7 dBic (Typ.)
Bandwidth (@ -10dB R.L.)	50 MHz(Min.)
VSWR	1.5 Max.
Polarization	RHCP
Axial Ratio	≤ 5 dB
Impedance	50 Ω
Operating Temperature	-40 ~ 85 °C

- NOTE**
1. Based on customer's PCB board and housing.
 2. Centre frequency will be offset to working frequency while changes of customer's housing and ground plane.

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MECHANICAL DRAWING



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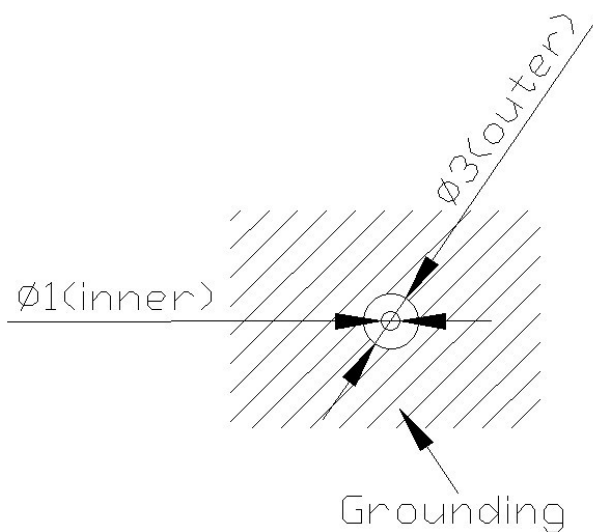
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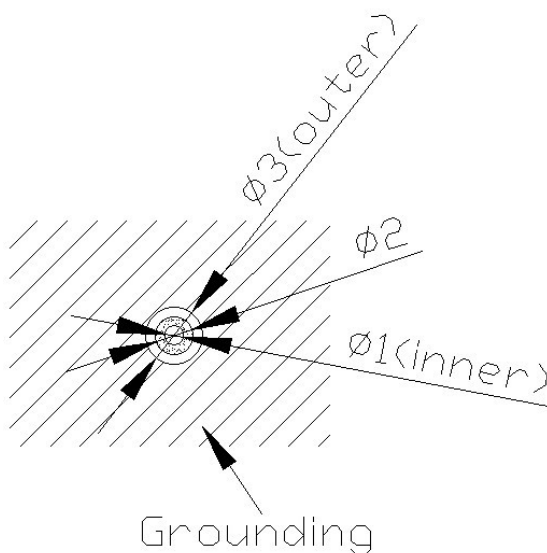
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FOOTPRINT

Top View



Bottom View



 : Pin feed soldering pad
 : Grounding
 Unit : mm

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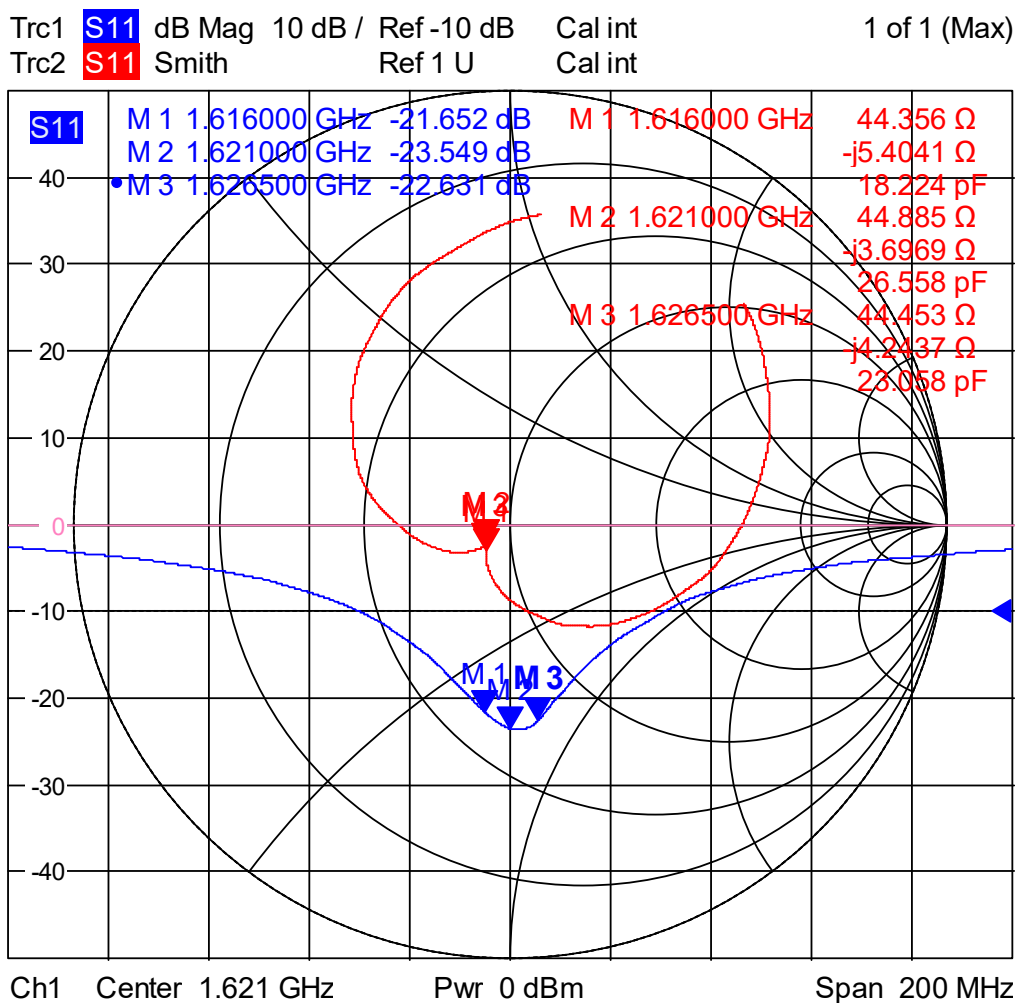
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RETURN LOSS



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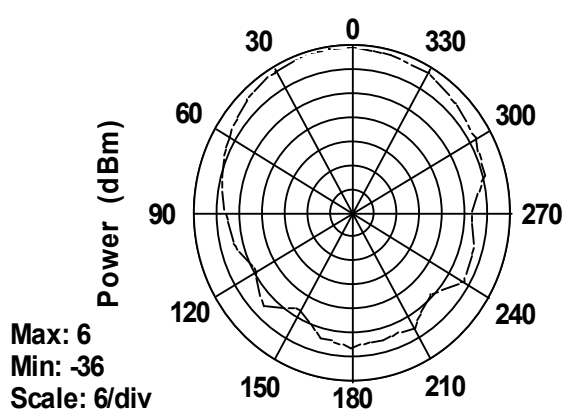
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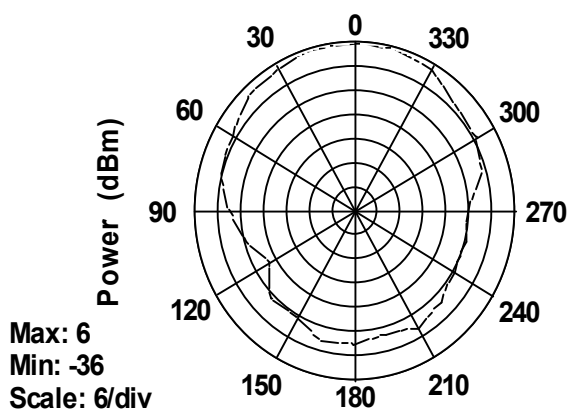
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RADIATION PATTERN

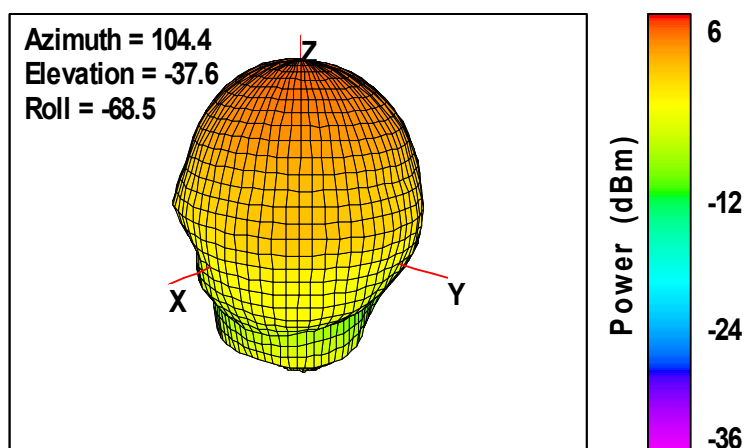
1621 MHz



2D x-z plane pattern



2D y-z plane pattern



3D radiation pattern

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Description : 35354 Iridium Patch Antenna**PART NUMBER : ANT3535B002T1621S****PART NUMBER**

Pulse Part Number are identified by the series, packing method, material/process, size, antenna serial no., and working frequency :

Pulse Part Number :

ANT 3535 B 002 T 1621 S
F S T N P W

F, Family Code**ANT** = Antenna**S**, Size**3535** = 35x35 mm**T**, Type**B** = Ceramic Bulk**N**, Serial No**002****P**, Packing Style**T** = Tray packing**W**, Working Frequency**1621** = for 1.621GHz application

Description : 35354 Iridium Patch Antenna

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REVISION HISTORY

Revision	Date	Description
Version 1	Mar. 2023	- New Issue

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