

**Description:** 791-2170MHz SMT Antenna

**Series:** Domino

**PART NUMBER:** W3326



### Features:

- Frequency:  
791-960/1710-2170MHz
- Size 20 x 7 x 1.5mm
- Gain 0.6 / 2.3dBi
- Efficiency >50/50%
- SMD compatible

### Applications:

- Nb-IoT
- LTE Cat-M1
- High and low bands combo
- Sensors
- IoT connected devices

All dimensions are in mm / inches

Issue: 2039

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### ELECTRICAL SPECIFICATIONS

Antenna Type	PCB, SMD
Frequency	791-960MHz 1710-2170MHz
Nominal Impedance	50 Ω
Return loss	5dB
Radiation Pattern	Omnidirectional
Peak Gain	0.6 / 2.3 dBi
Nominal Efficiency	50 / 50 %
Polarization	Vertical

### MECHANICAL SPECIFICATIONS

Overall Length	20mm(L) * 7mm(W) * 1.5mm(T)
Weight	1.3g
Antenna Color / Material	Black / Composite
Assembly method	SMD / Reflow
Packing	Tape & Reel
Moisture Sensitivity Level	MSL3

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40~+85° C
Storage Temperature	-40~+85° C
RoHS Compliant	Yes

### OTHER SPECIFICATIONS

(\*) All RF parameters measured on Pulse reference test PCB

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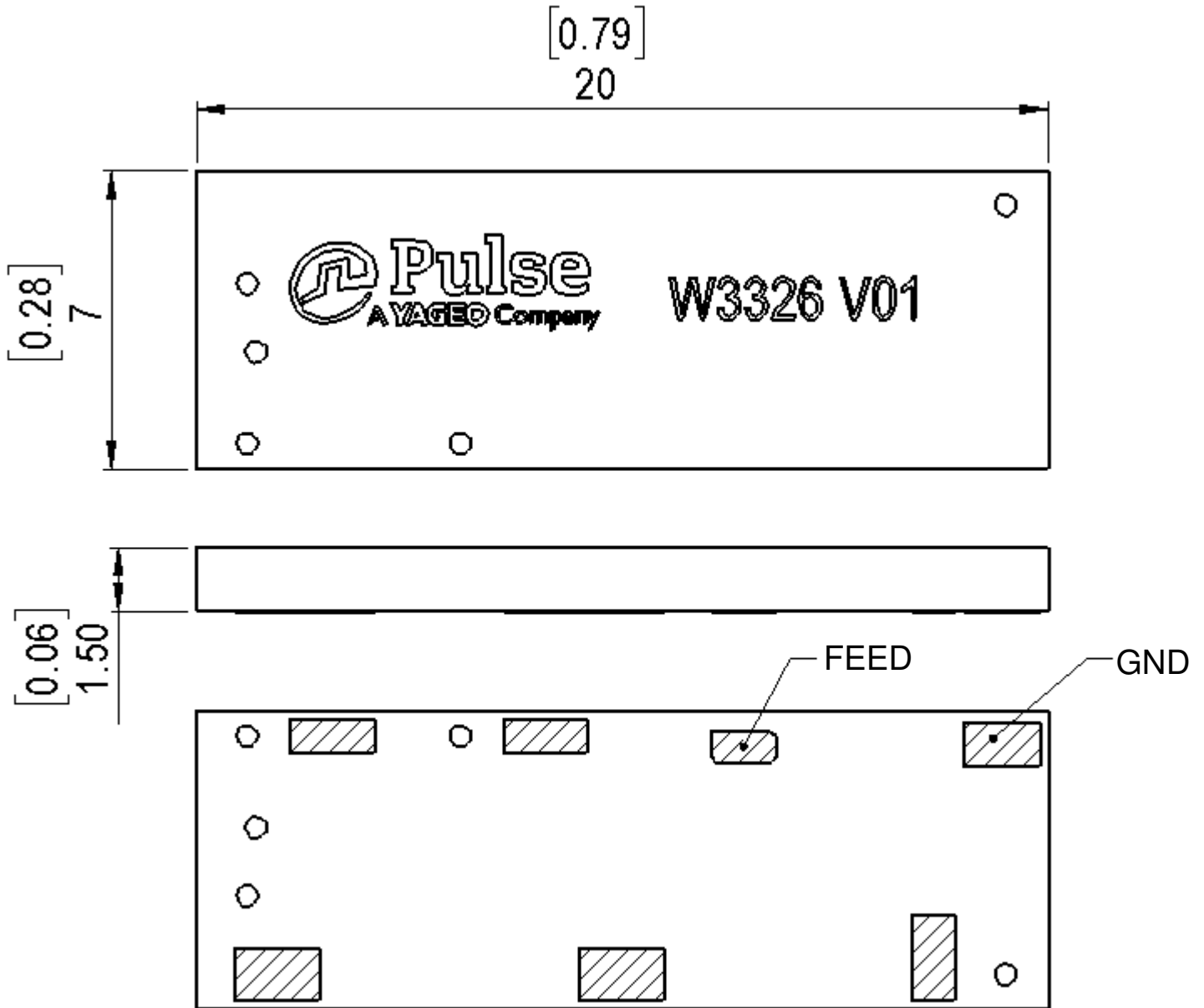
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MECHANICAL DRAWING AND TERMINAL CONFIGURATION



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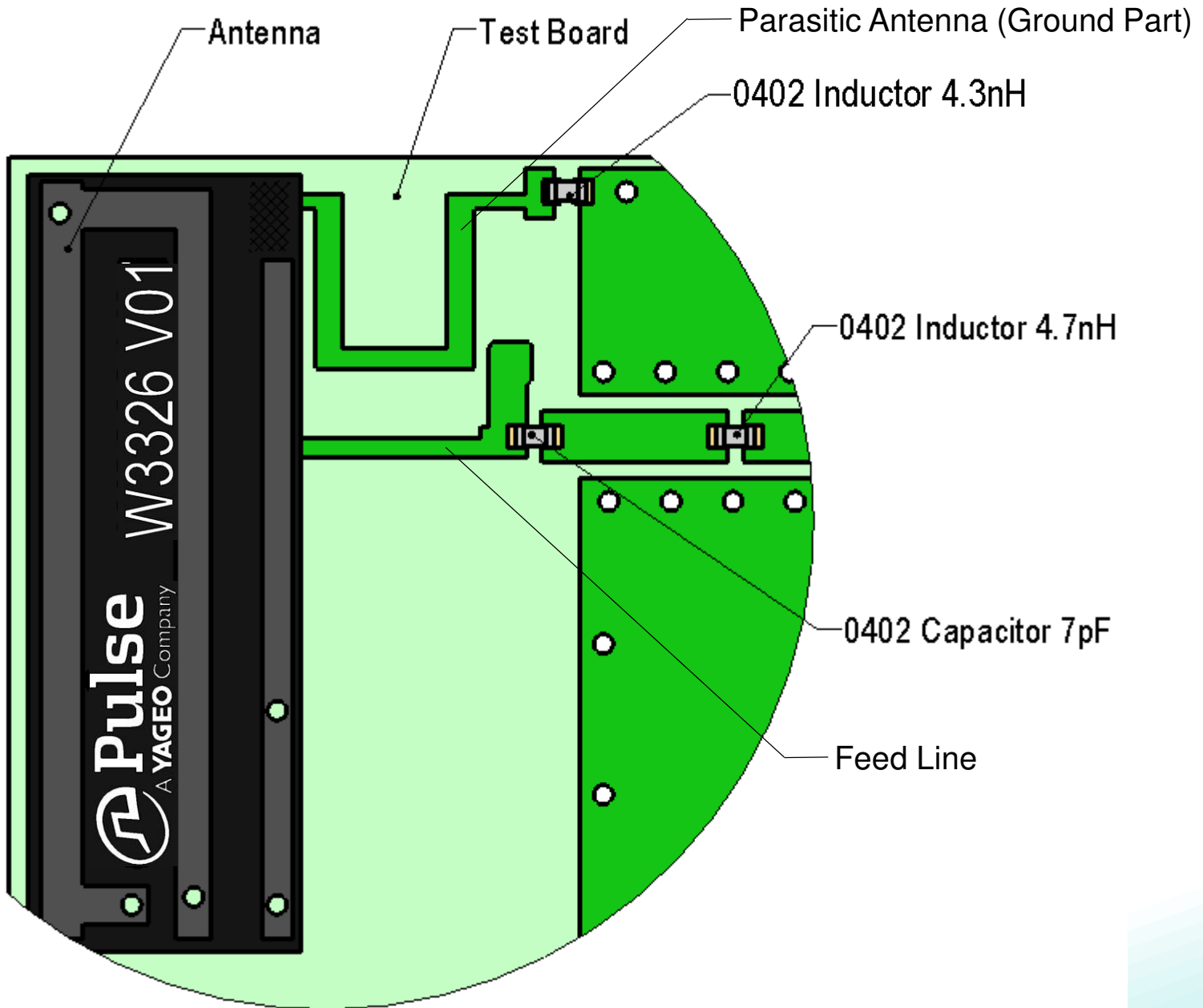
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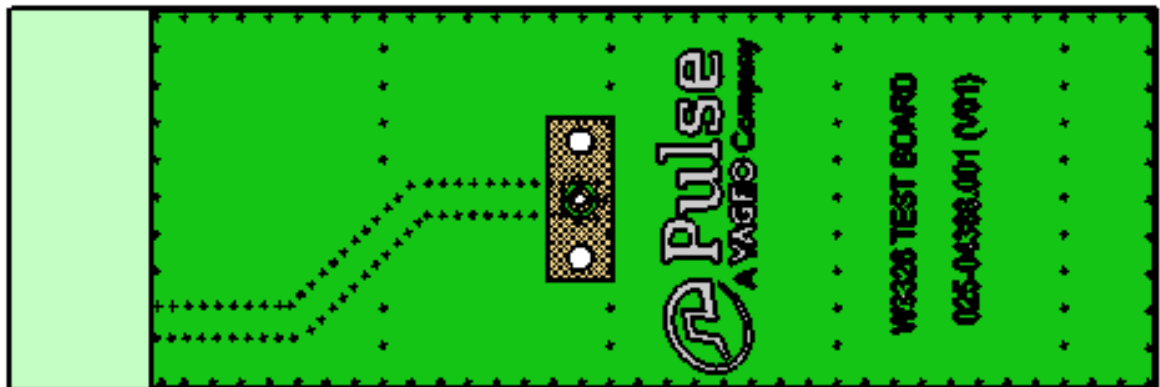
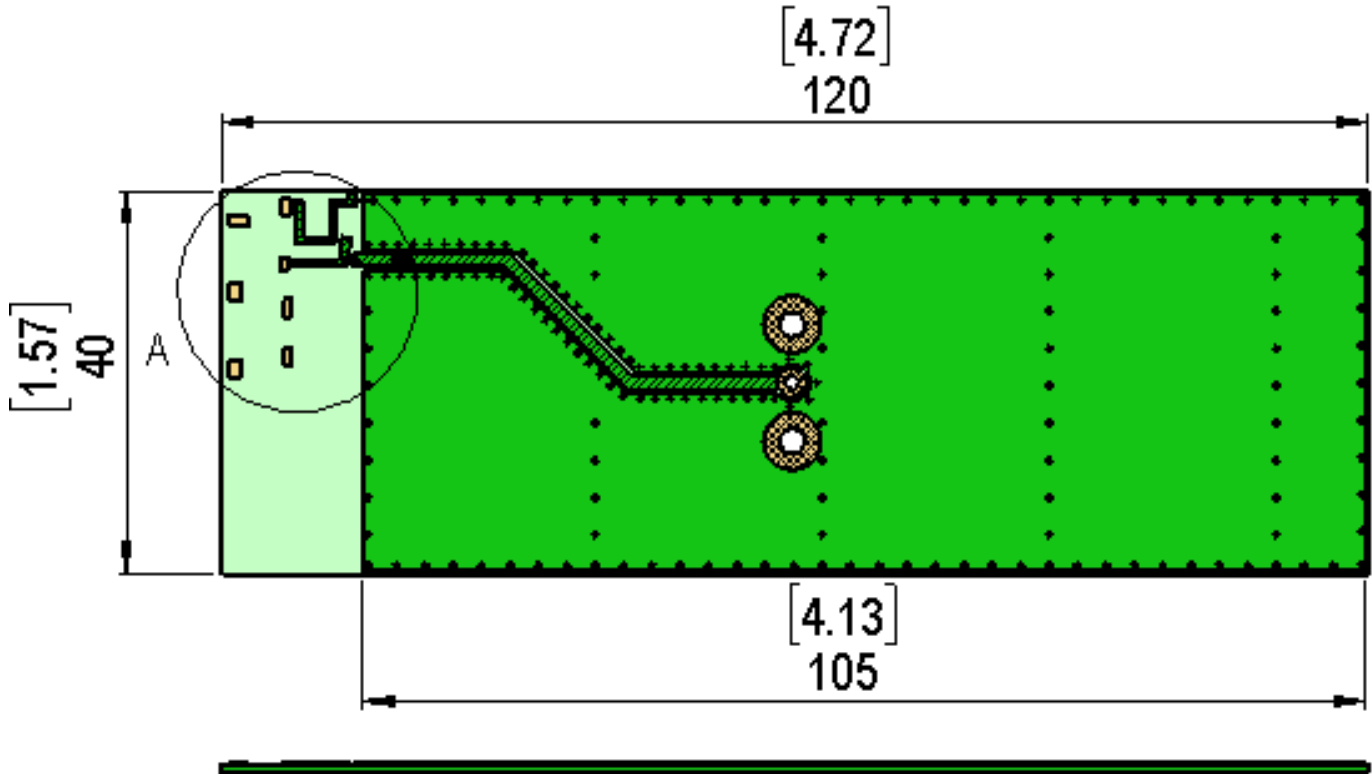
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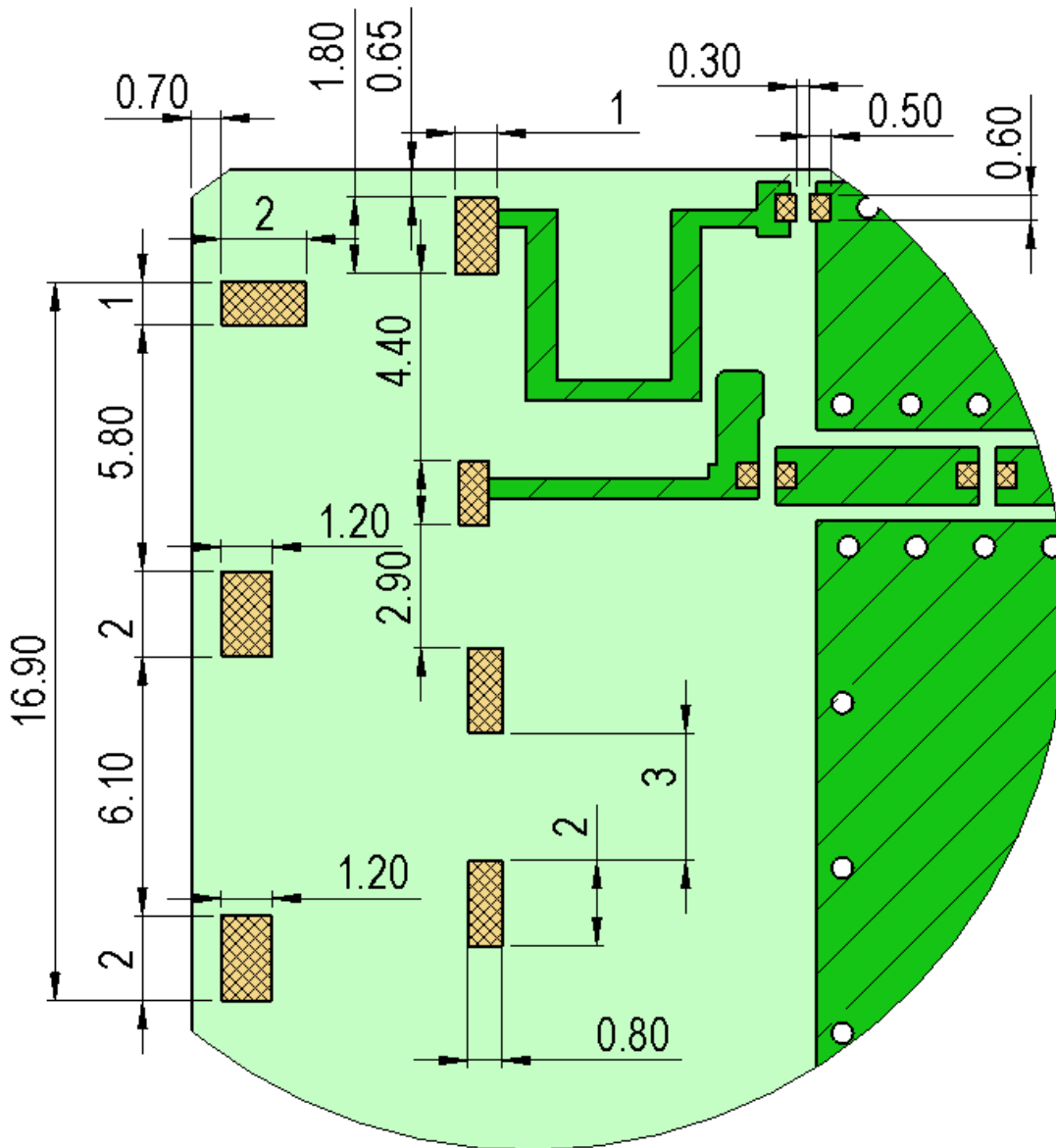
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MECHANICAL DRAWING AND TERMINAL CONFIGURATION



Detail A

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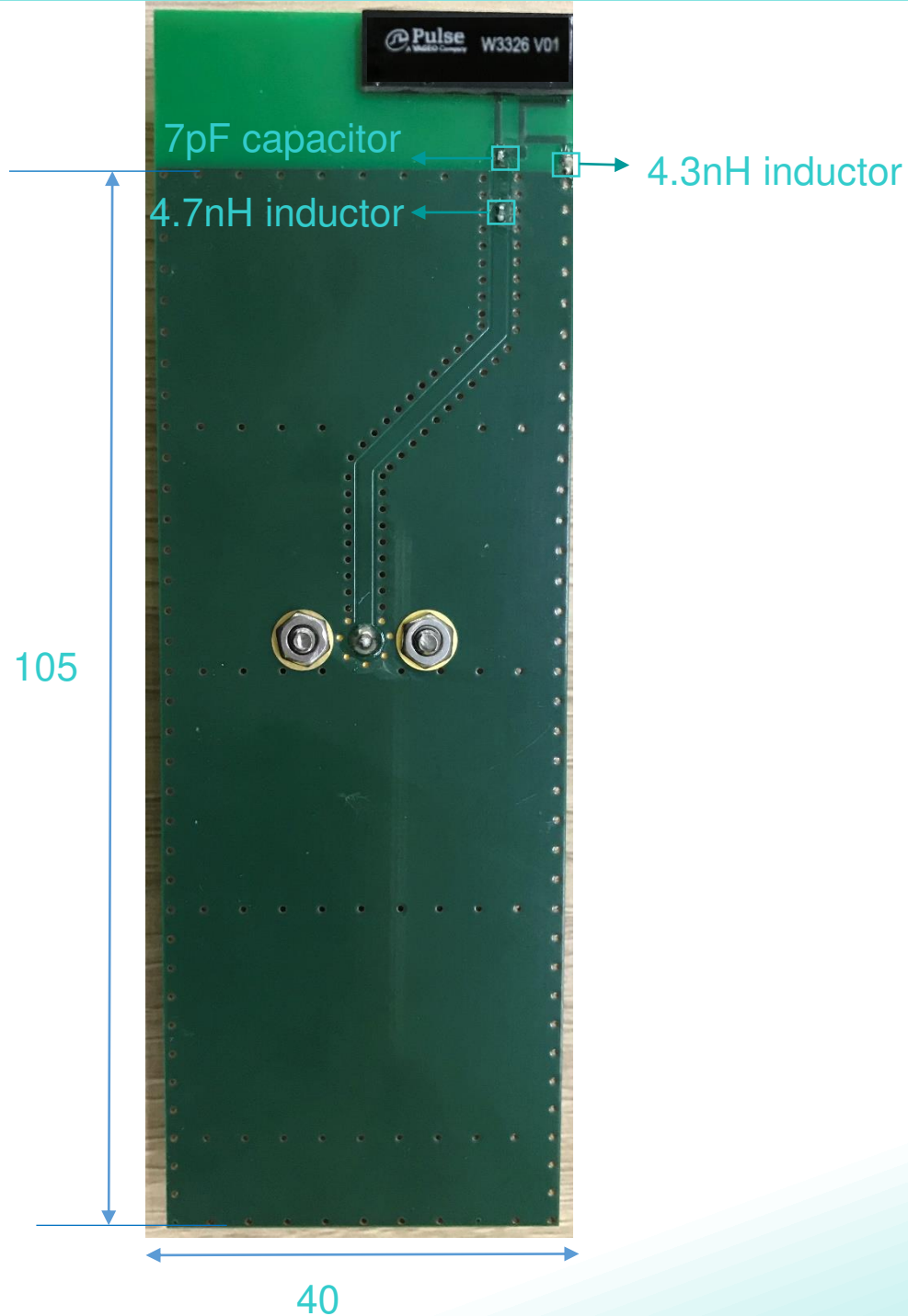
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TEST SETUP



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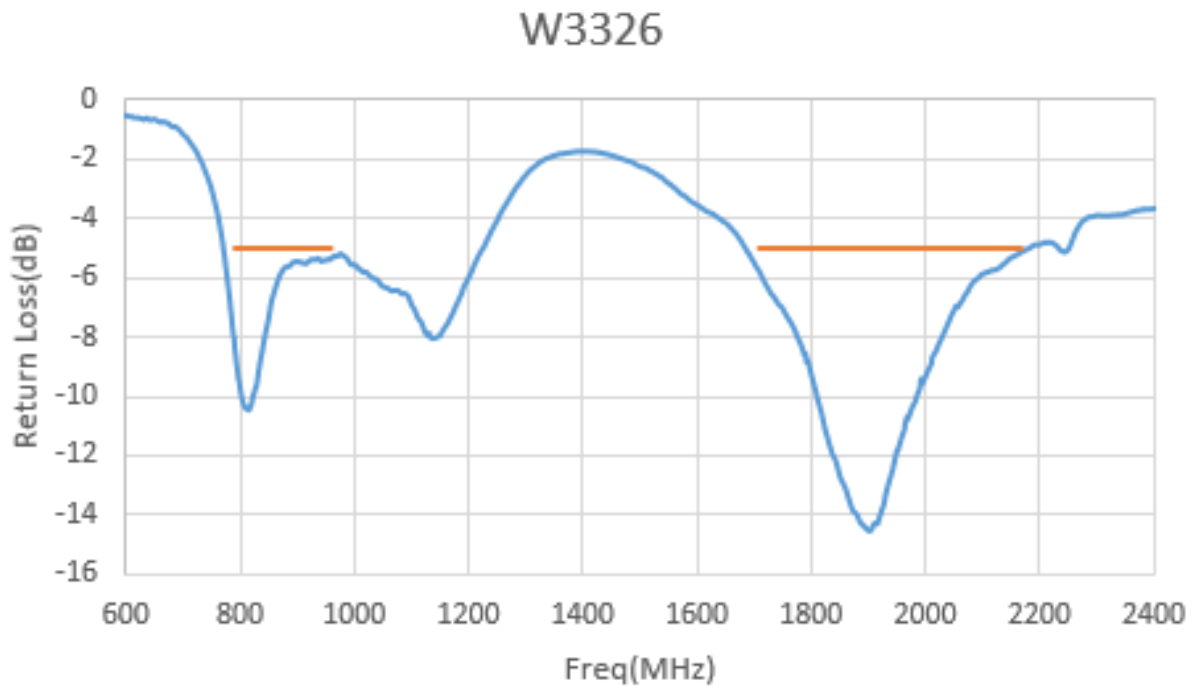
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**CHARTS**

**Return Loss**



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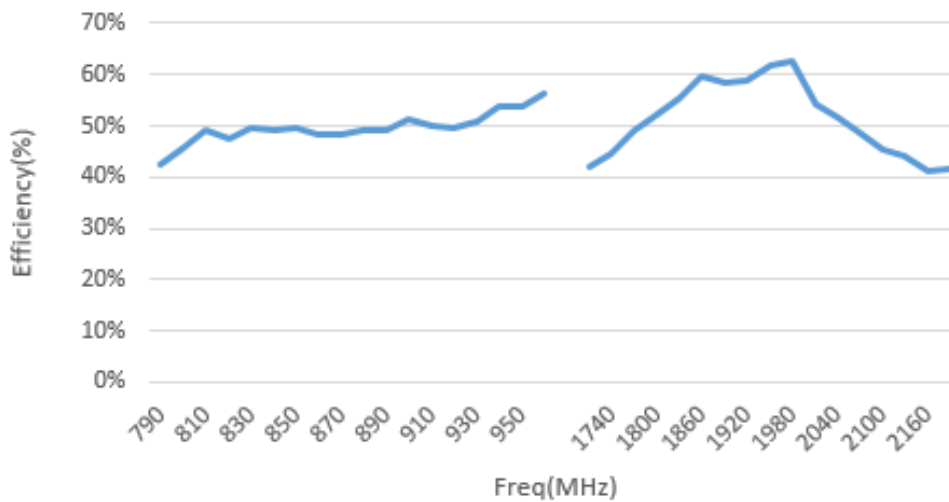
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**CHARTS**

**Gain(dBi)**



**Efficiency(%)**



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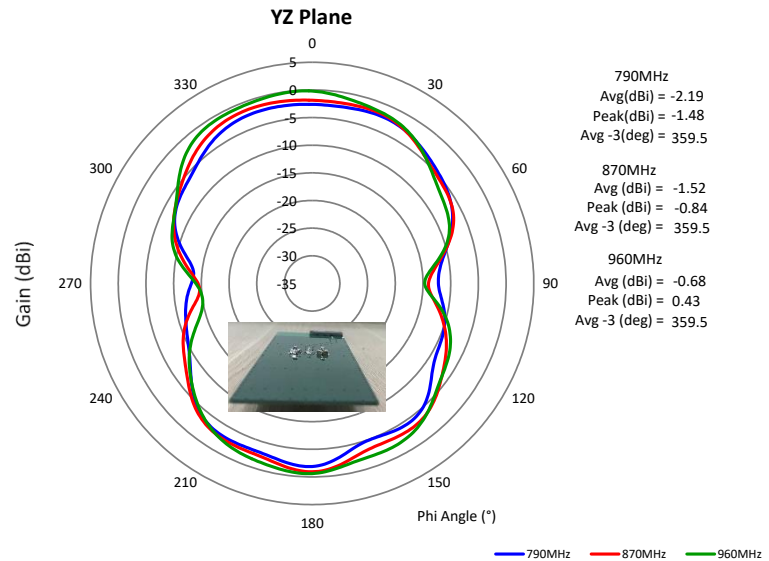
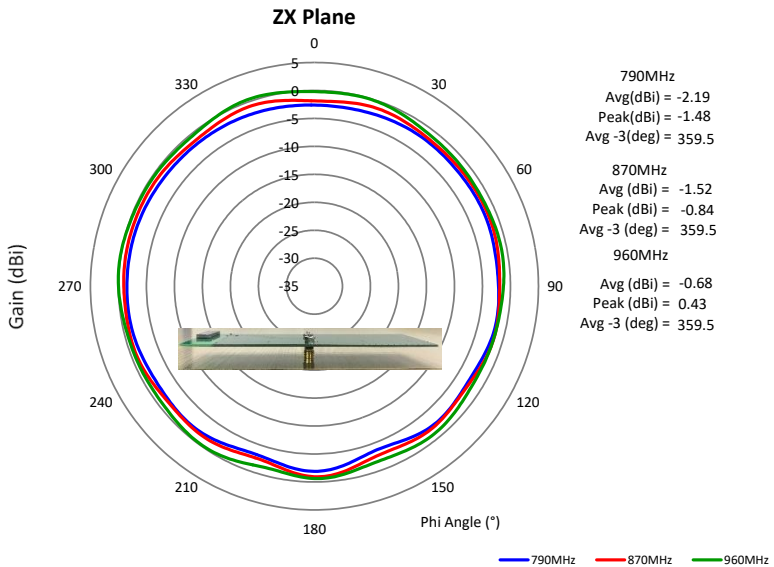
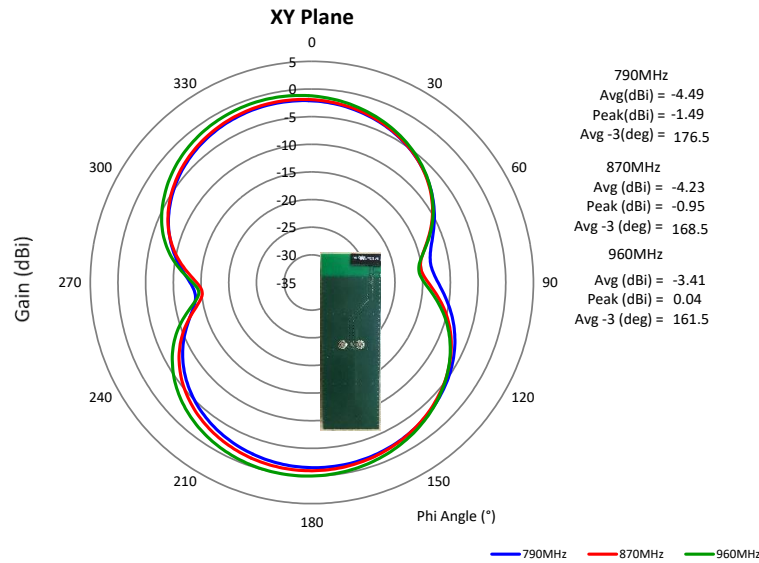
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**CHARTS**

**Radiation Pattern 2D (791-960MHz)**



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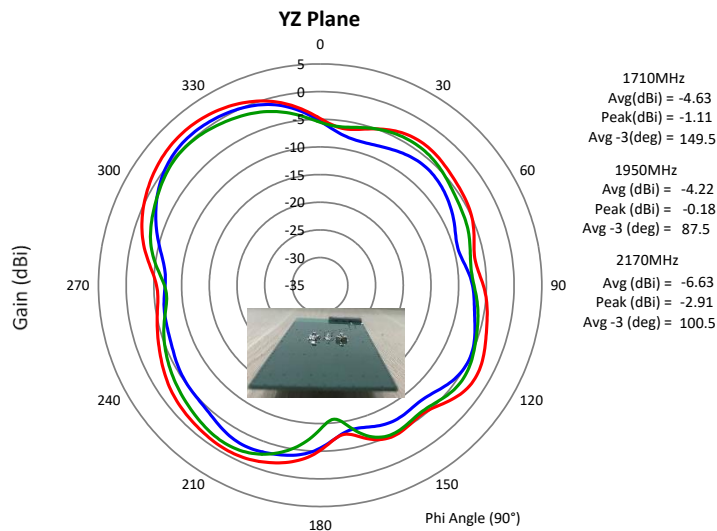
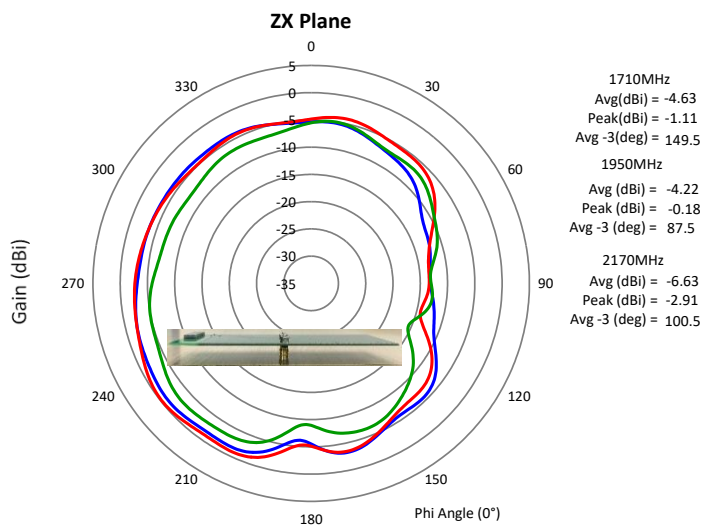
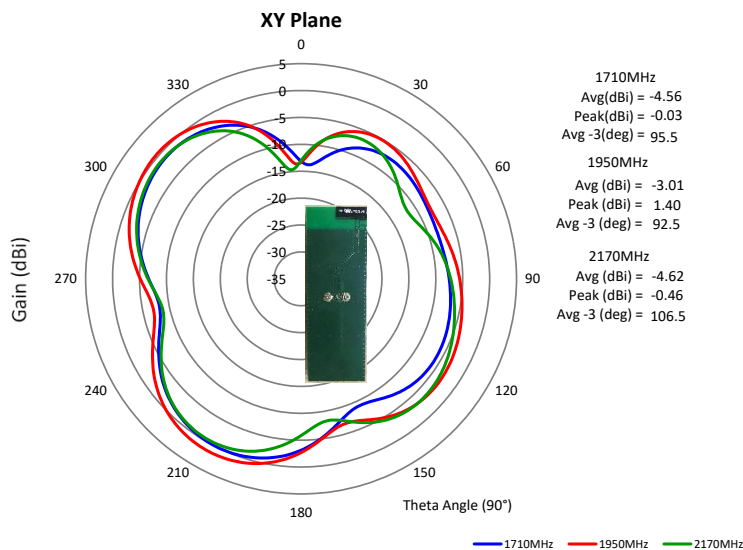
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**CHARTS**

**Radiation Pattern 2D (1710-2170MHz)**



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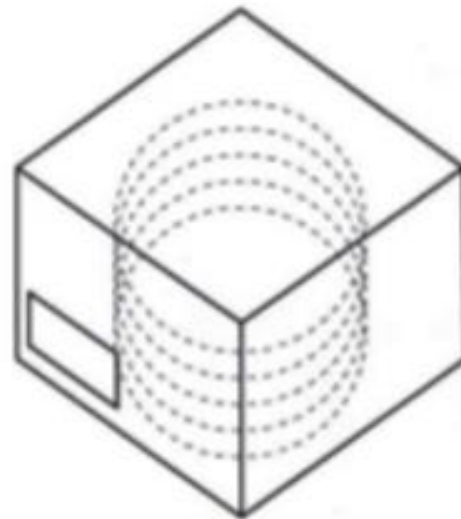
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## PACKAGING

1000pcs Antennas Per 1pcs 13" Tape & Reel  
1pc Reel per vacuum bag  
3 pcs 13" reel with vacuum bag per carton box  
Total 3000pcs Antennas per 1 box  
Carton Box Dimension: 350x350x120 mm



According to MSL3 packing requirement, MBB-Moisture Barrel Bag, Desiccant, HIC-Humidity Indicator Card, MSID Label, Caution Label are required.

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