

# Stealth Blade 5G Blade Antenna

SB617-7125G0400 - 617 to 7125 MHz



## Features & Applications:

- 4G LTE / 5G-FR1 applications
- WiFi 6E/7
- Public Safety
- IoT – Vending, Smart Metering, EV-Charging
- Access Points
- Vehicular (window, dashboard, visor)
- Data transmission
- IP67 for Indoor / Outdoor application
- 400mm cable with straight SMA(M) as standard

## ELECTRICAL SPECIFICATIONS @ 25°C

### General Specifications

| Antenna type | Nominal Impedance | Polarization | Radiation pattern | Power withstanding | DC Ground |
|--------------|-------------------|--------------|-------------------|--------------------|-----------|
| Dipole       | 50Ω               | Linear       | Omni              | 3W                 | No        |

### SB617-7125G0400 Antennas: 617 – 7125MHz

| Frequency (MHz)      | 617-960 | 1710-2700 | 3300-4200 | 4400-5000 | 5150-7125 |
|----------------------|---------|-----------|-----------|-----------|-----------|
| Return Loss          | <-6     | <-6       | <-6       | <-6       | <-6       |
| Avg. Peak Gain (dBi) | 3.5     | 5.5       | 6.5       | 5.2       | 3         |
| Avg. Efficiency (%)  | 55      | 65        | 60        | 55        | 50        |

## MECHANICAL SPECIFICATIONS

### SB617-7125G0400

| Dimension with gasket<br>(Length x Width x Height) | Material       | Color      | Fixing System     |
|----------------------------------------------------|----------------|------------|-------------------|
| 116x 16.8 x 2.0 mm<br>(4.57 x 0.66 x 0.08 inches)  | PCB+Tube       | Black      | Adhesive (3M VHB) |
| Wireless Technology                                | Cable Length   | Cable Type | Connector Type    |
| 617-7125 MHz                                       | 1.31FT (400mm) | RG 174     | SMA (Male)        |

## ENVIRONMENTAL SPECIFICATIONS

### SB617-7125G0400

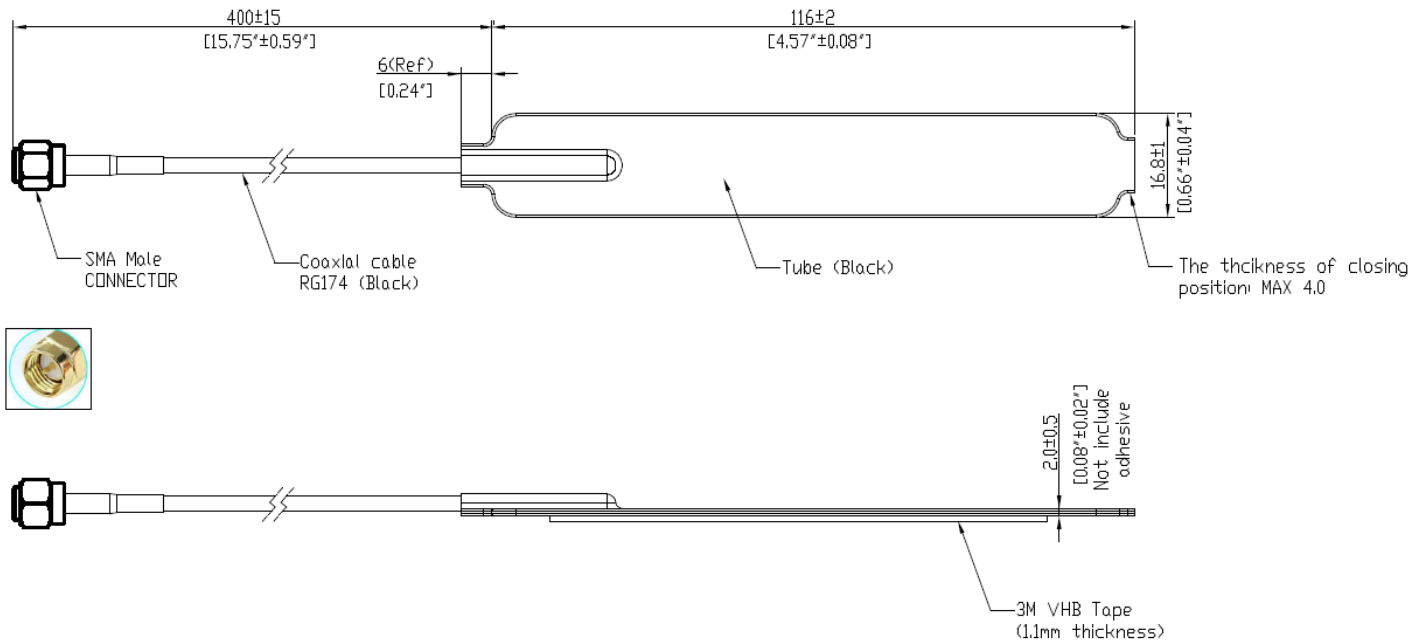
| Operating Temperature | Storage Temperature | RoHS Compliant |
|-----------------------|---------------------|----------------|
| -40 / +85° C          | -30 / +70° C        | Yes            |

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## Mechanical Drawing

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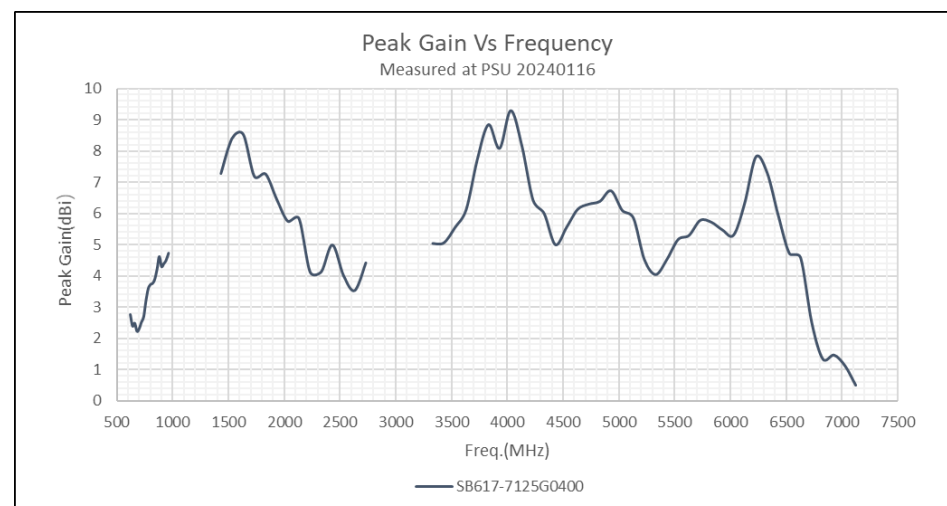
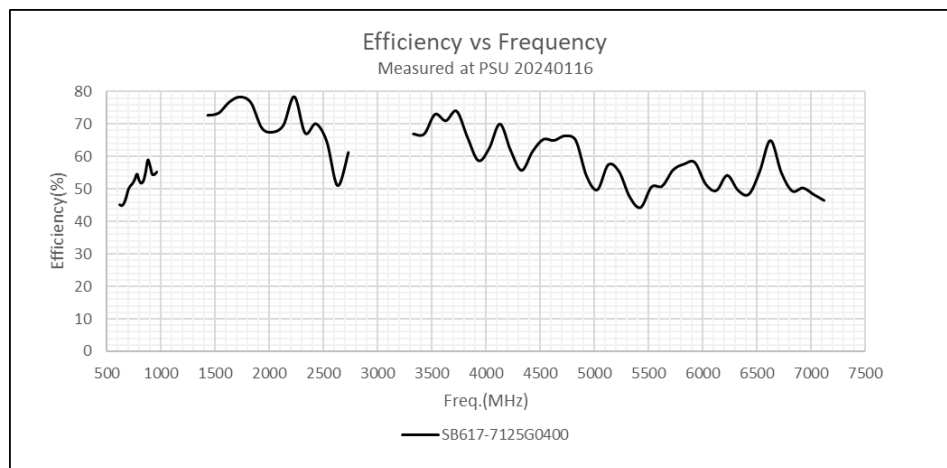
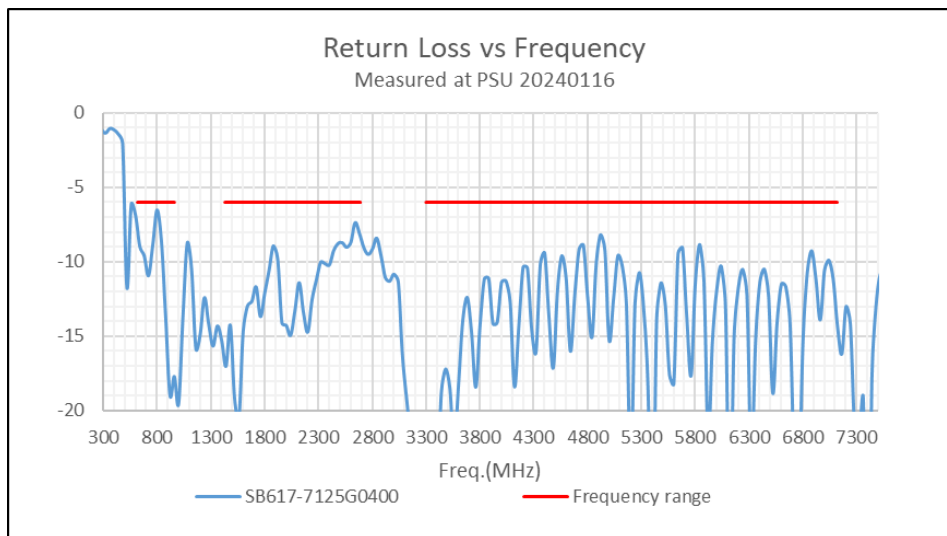


**Dimensions:** mm(inches)

Unless otherwise specified, all tolerances are  $\pm 0.5\text{mm}(\pm 0.020")$

## Charts-Return Loss, Efficiency and Peak Gain

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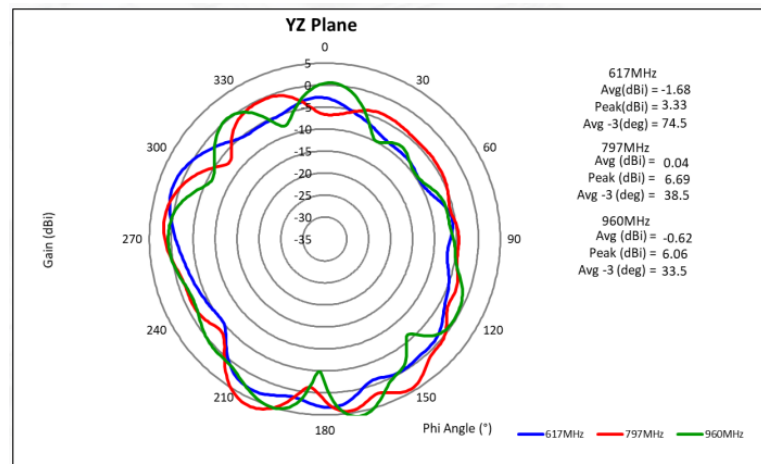
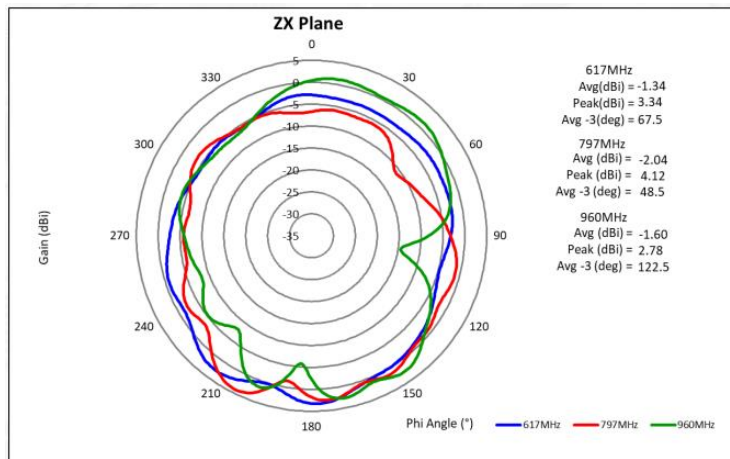
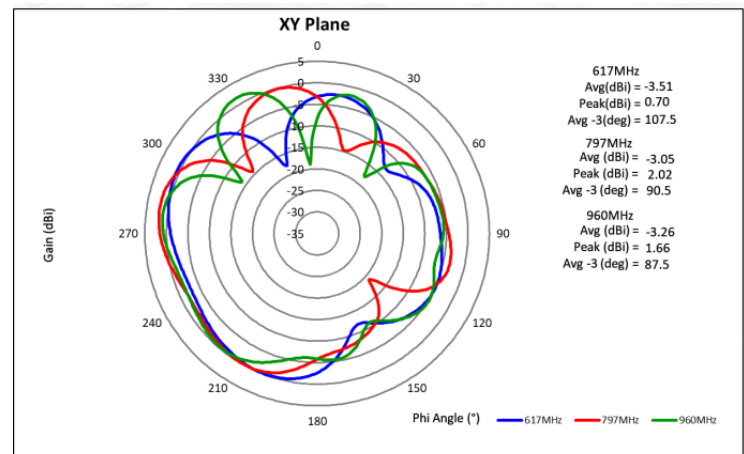
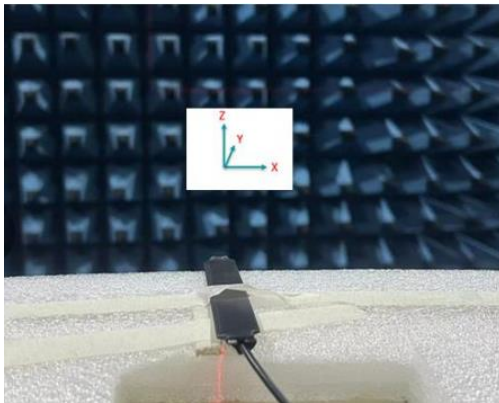


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## Radiation Pattern

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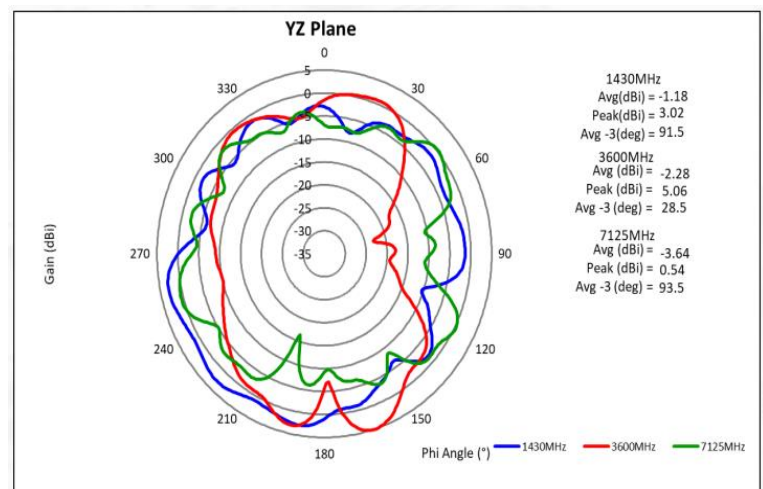
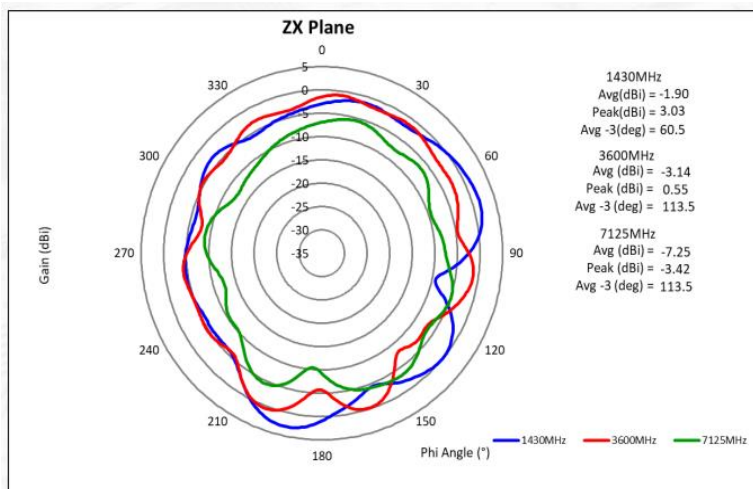
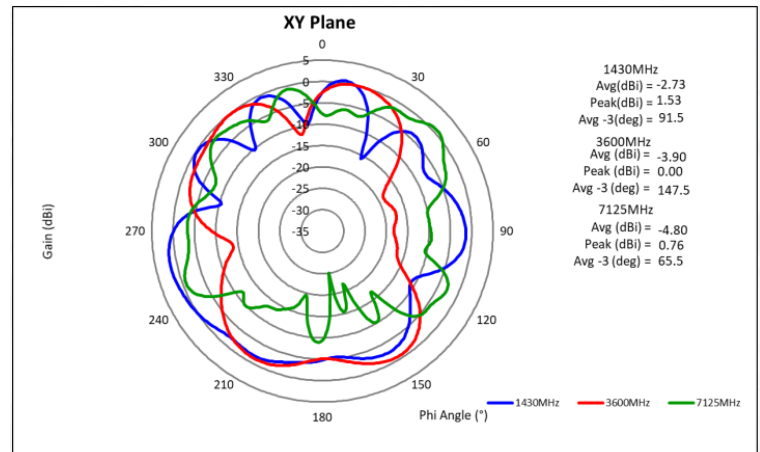
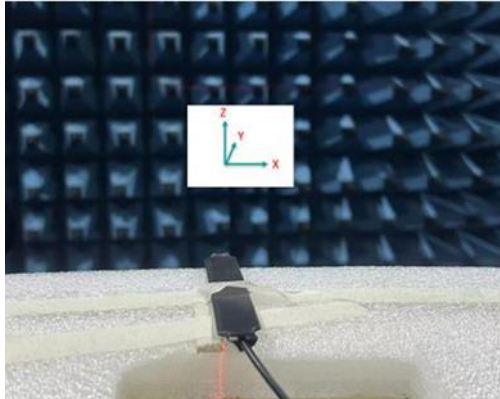


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## PACKAGING

### SB617-7125G0400

One antenna packed in one PE bag, 100 antennas(TBD) packed in one box.

#### Notes:

1. Please contact sales for availability, lead time, and/or any special requests. Samples available upon request.

#### For More Information:

[Americas - antennas.us@pulseelectronics.com](mailto:antennas.us@pulseelectronics.com) | [Europe – antennas.eu@pulseelectronics.com](mailto:antennas.eu@pulseelectronics.com) | [Asia – antennas.as@pulseelectronics.com](mailto:antennas.as@pulseelectronics.com) | [Questions?](#) +1-800-ANTENNA  
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