

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 (Length x Width x Height)	Material	Color	Fixing System
116x 16.8 x 2.0 mm (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

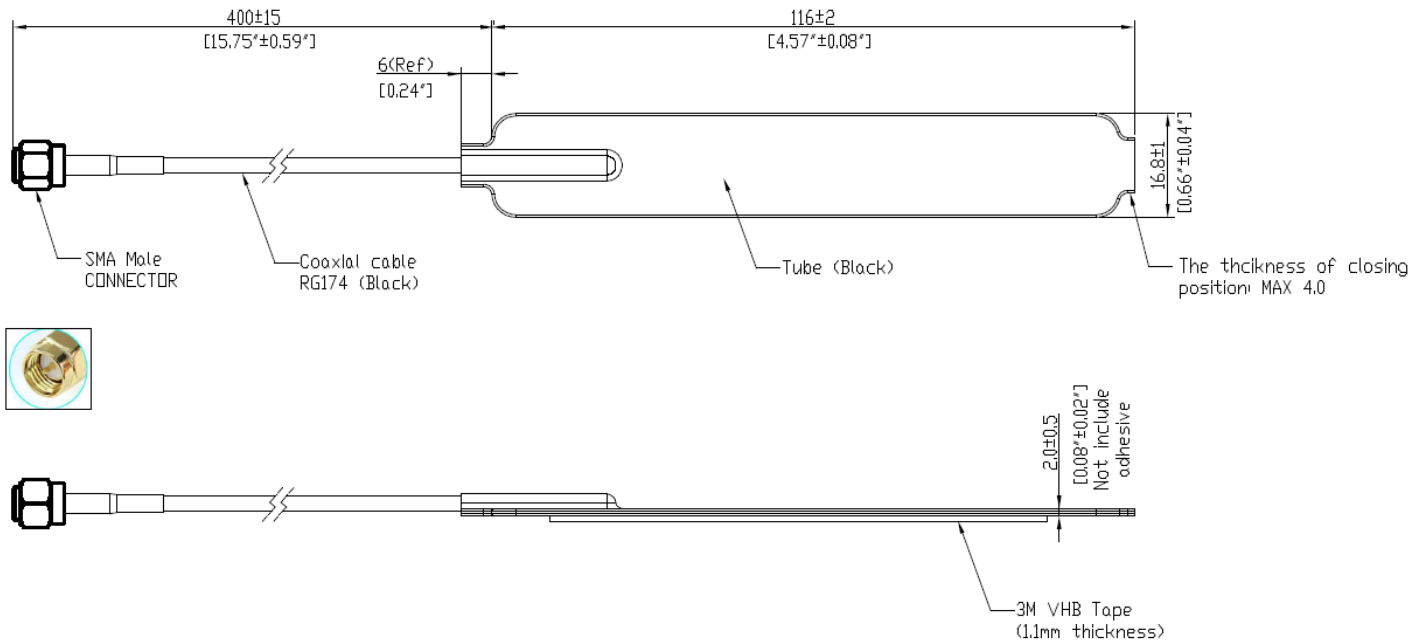
Operating Temperature	Storage Temperature	RoHS Compliant
-40 / +85° C	-30 / +70° C	Yes

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Mechanical Drawing

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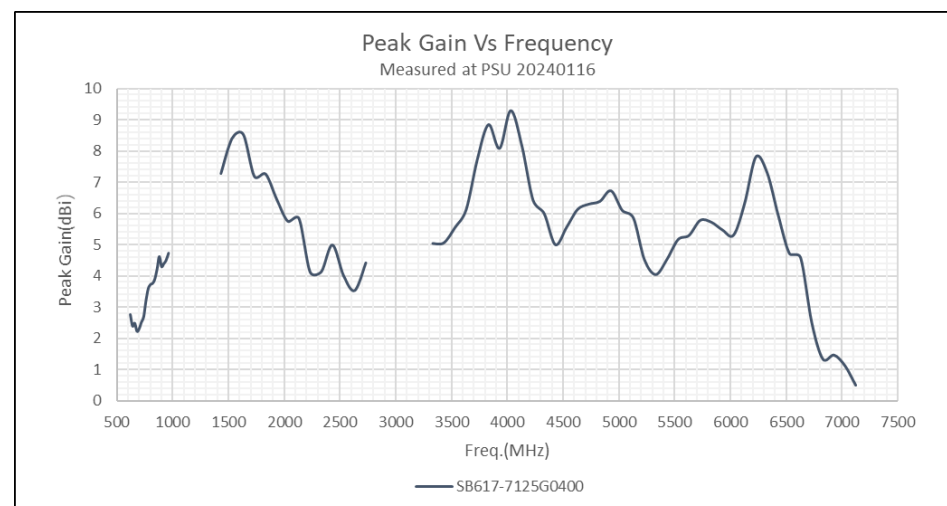
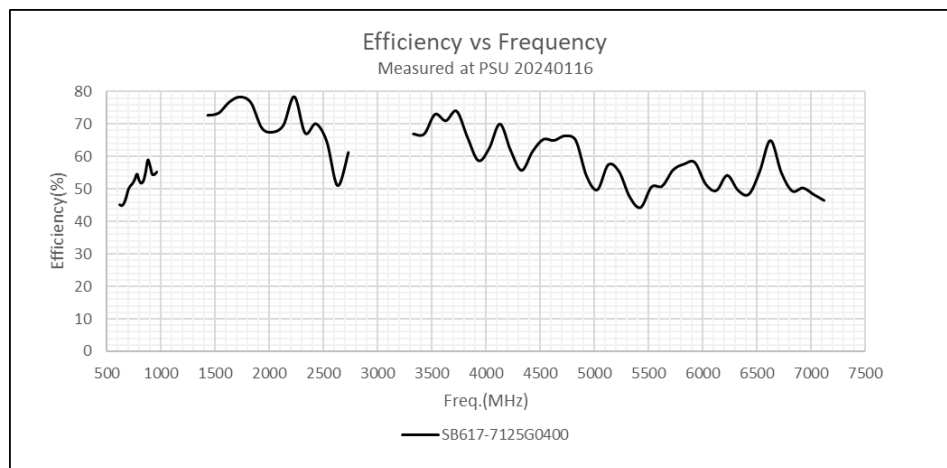
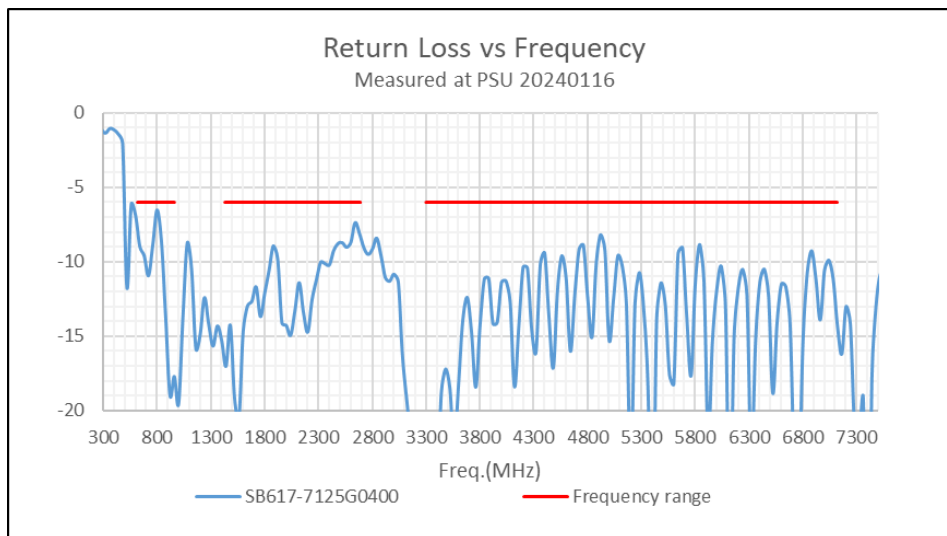


Dimensions: mm(inches)

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

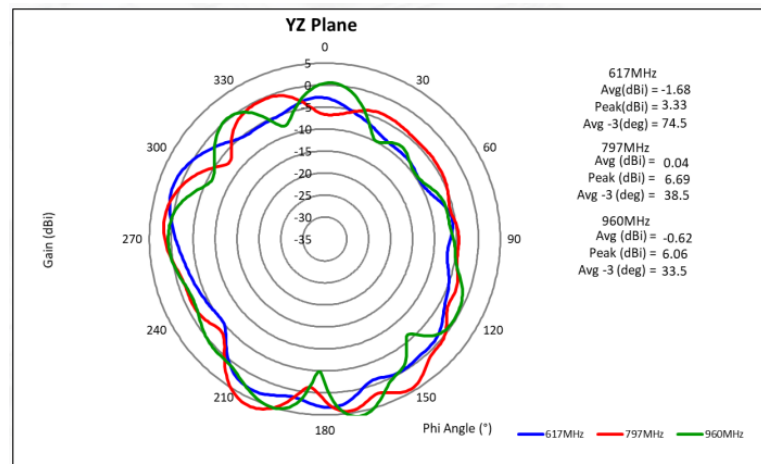
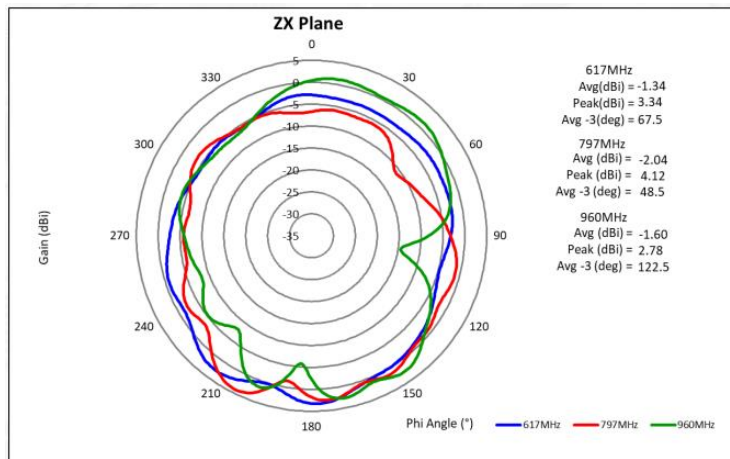
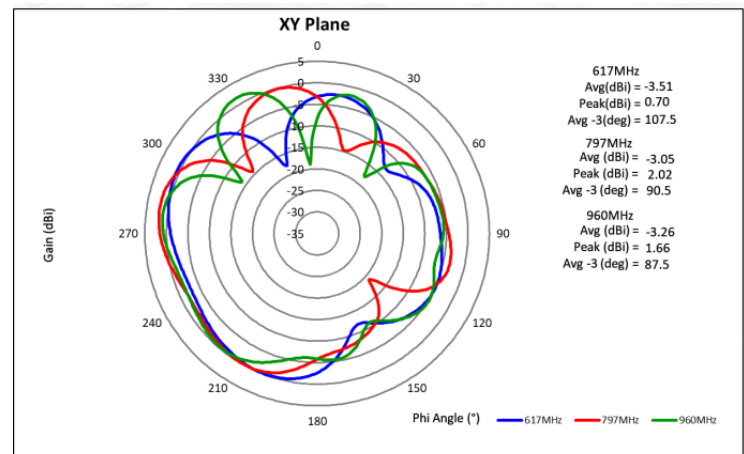
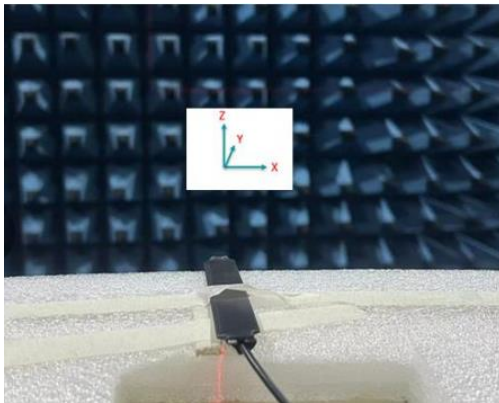
Charts-Return Loss, Efficiency and Peak Gain

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Radiation Pattern

SB617-7125G0400

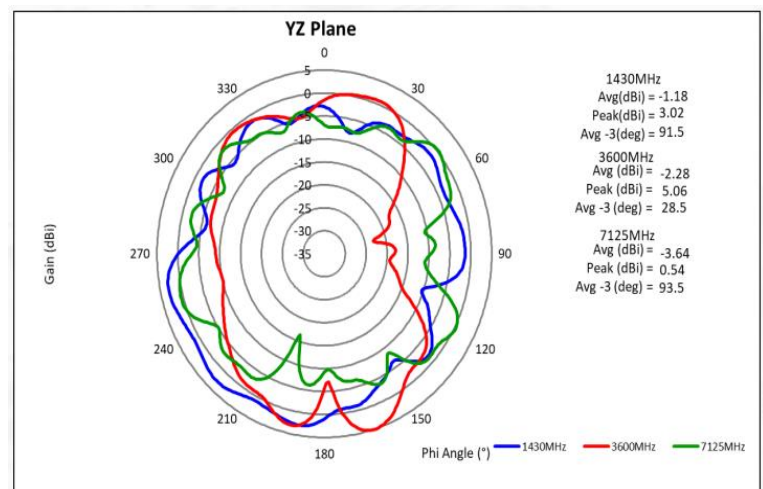
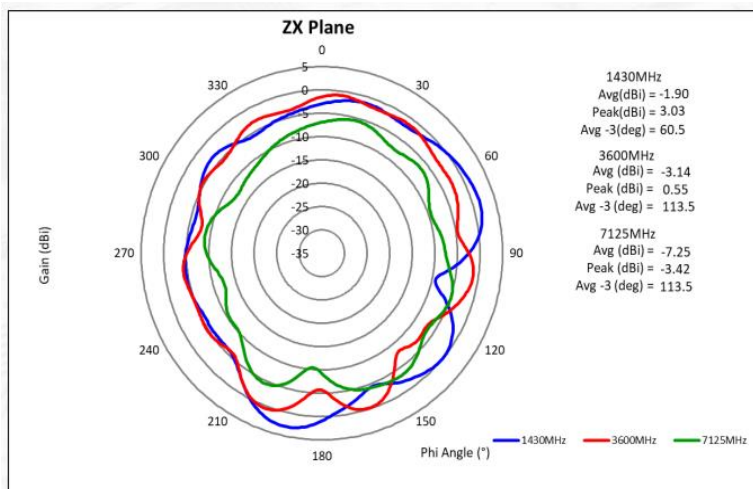
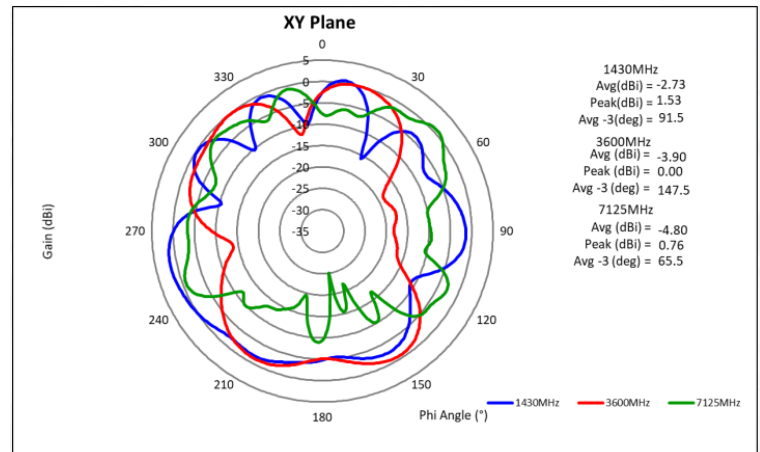
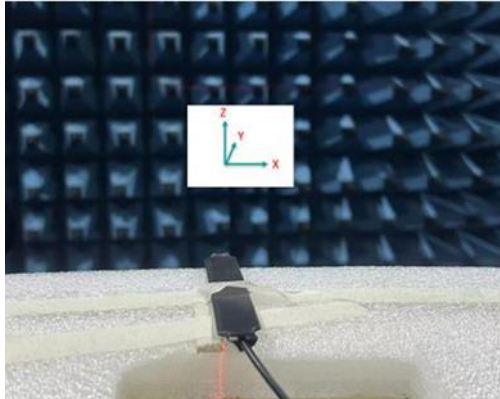


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Radiation Pattern

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PACKAGING

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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:

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