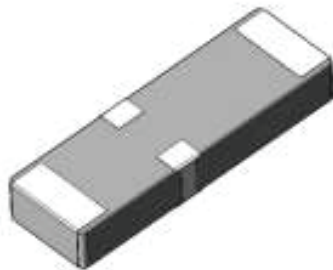
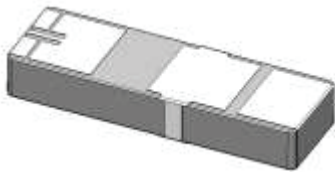
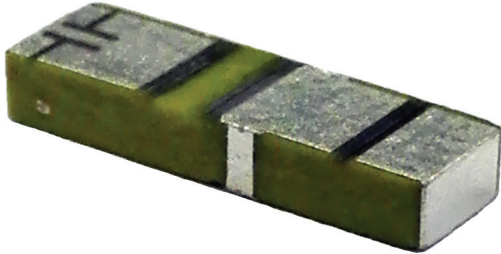


# Ceramic GPS/Glonass & Dual Band WiFi

Pulse Part Number W3095



The W3095 is a 2-in-1 GPS/GLONASS and Dual WiFi ceramic antenna perfect for antenna solutions when high efficiency is needed, but board space is limited. This low-cost, compact ceramic antenna is a multi-band, dual feed covering GPS/Glonass and Dual WiFi bands (2.4 & 4.9 – 5.9 GHz)

- Multiband: 1.575-1.610 GHz, 2.4-2.485GHz & 4.9-5.85 GHz
- RoHs Compliant
- Over 60% efficiency in the GPS/GLONASS bands, over 80% efficiency in the 2.4GHz bands, and over 50% efficiency in the 5GHz bands.
- High isolation between bands.

## Applications

- Unique small, multi-band ceramic chip antenna that covers GPS/Glonass and Dual WiFi in a very small form factor
- Perfect for applications where space is limited.
- Covers 1.575 - 1.610 GHz bands (for GPS/Glonass) and 2.4 - 2.485 GHz & 4.9 - 5.85 GHz bands (for WiFi/WLAN/ BT/BLE) for OEM equipment, medical devices, security systems, tracking and monitoring devices, handhelds, meter reading, smart devices and more.

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Vancouver, Washington  
1 360 944 7551

Europe  
49 7032 7806 0

China  
86 512 6807 9998

# Ceramic GPS/Glonass & Dual Band WiFi

Pulse Part Number W3095

## Electrical Specifications

<b>Frequency (GHz]</b>	1.575-1.610 / 2.4-2.485 / 4.9-5.85
<b>Nominal Impedance (<math>\Omega</math>)</b>	50
<b>Efficiency %</b>	60 / 80 / 50
<b>VSWR Max</b>	1:2.5 / 1:2 / 1:2.8
<b>GAIN Peak dBi</b>	1.5 / 2 / 2.5
<b>Min Isolation Frequency dB</b>	24 / 19 / 23
<b>GAIN</b>	
<b>Polarization</b>	Linear
<b>Power Withstand</b>	W
<b>Interface</b>	SMD mount ceramic antenna

## Environmental Specifications

<b>Operation Temperature</b>	-30 to + 80 °C
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## Mechanical Specifications

<b>Block Material</b>	Dielectrically Ceramic
<b>Plating Material</b>	Ag
<b>Weight</b>	0,24g
<b>Overall Height (inches/mm)</b>	10x3.2x1.5mm
<b>Mounting</b>	Embedded

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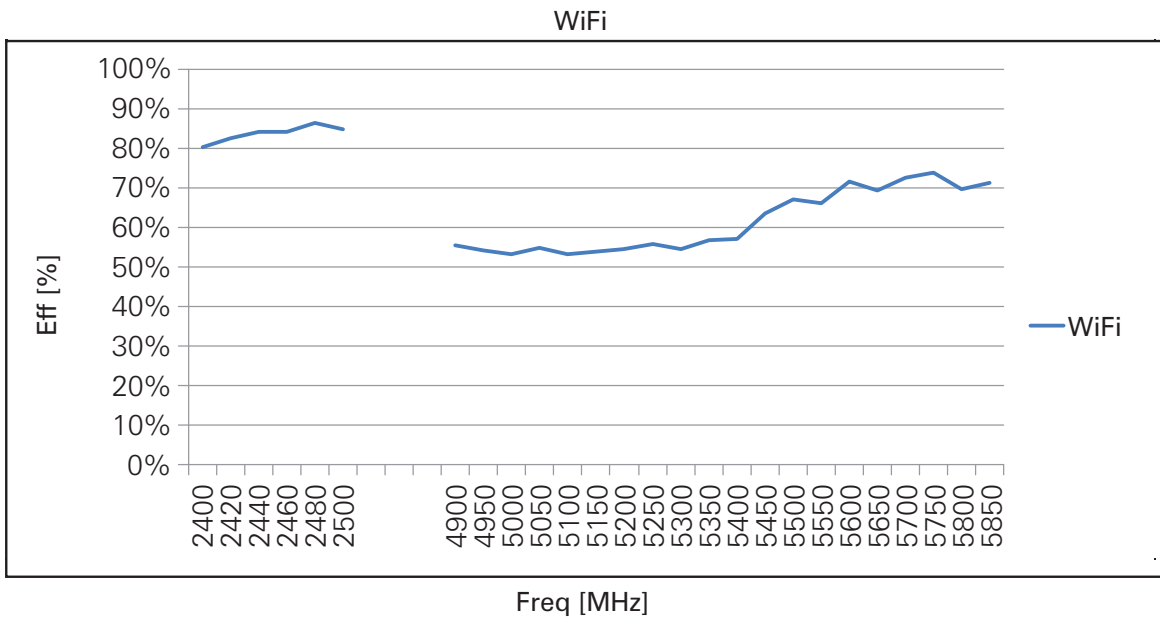
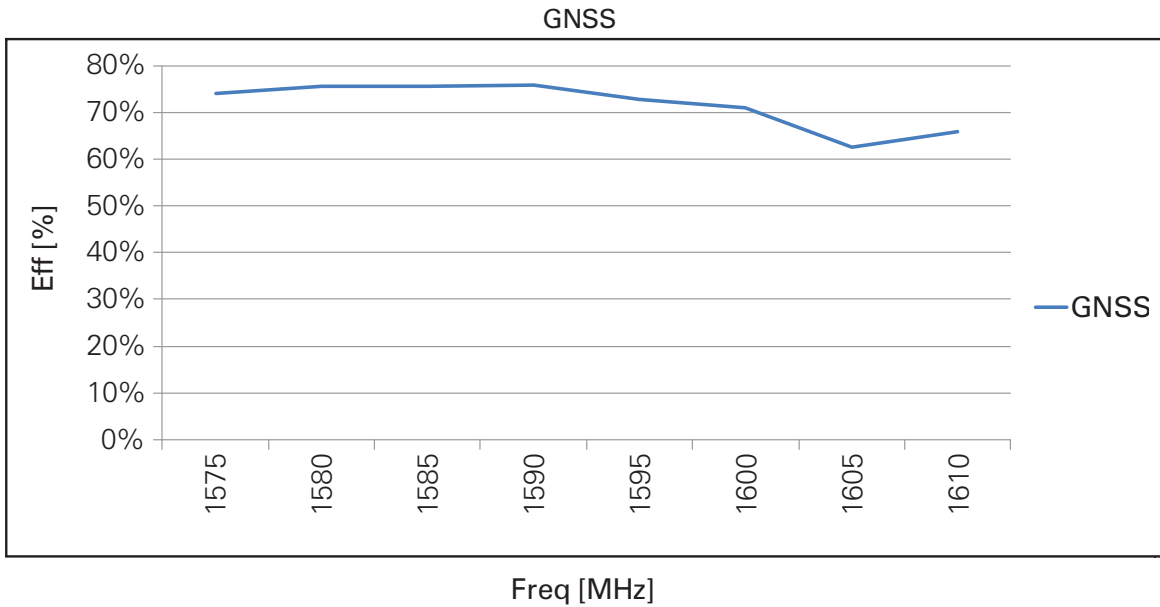
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# Ceramic GPS/Glonass & Dual Band WiFi

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## Typical Antenna Total Efficiency



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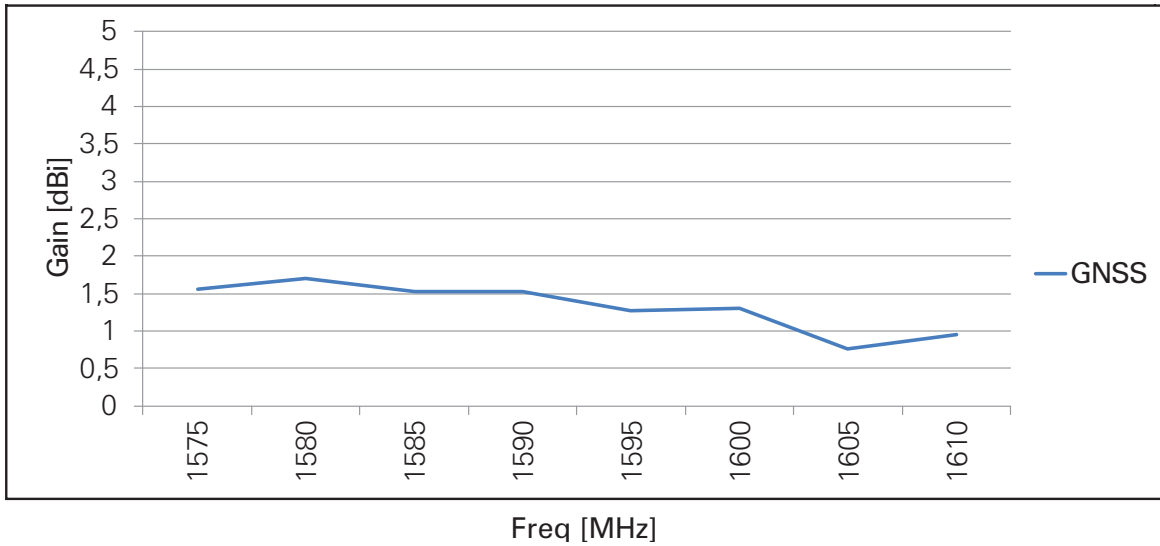
China  
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# Ceramic GPS/Glonass & Dual Band WiFi

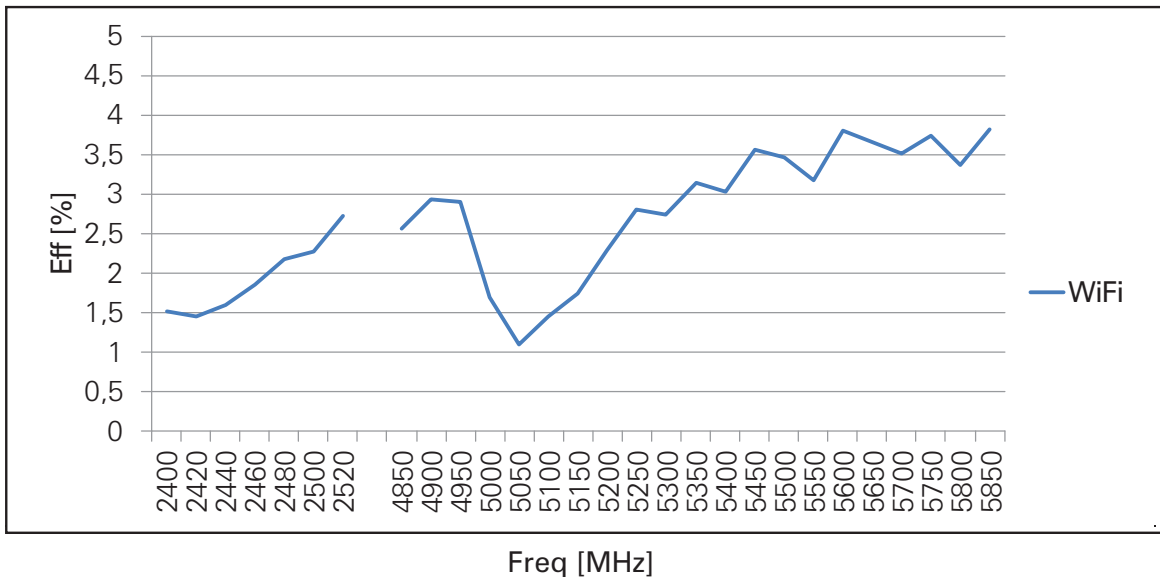
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## Typical Antenna Peak Gain

GNSS



WiFi



## For More Information

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