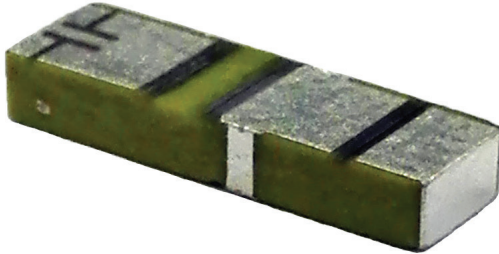


Ceramic GPS/Glonass & Dual Band WiFi

Pulse Part Number W3095

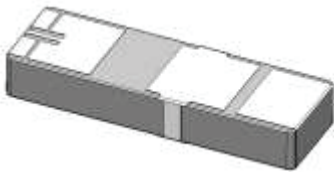


The W3095 is a 2-in-1 GPS/GLONASS and Dual WiFi ceramic antenna perfect for antenna solutions when high efficiency is needed, but board space is limited. This low-cost, compact ceramic antenna is a multi-band, dual feed covering GPS/Glonass and Dual WiFi bands (2.4 & 4.9 – 5.9 GHz)

- 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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1 858 674 8100

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

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

Environmental Specifications

Operation Temperature	-30 to + 80 °C
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Mechanical Specifications

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

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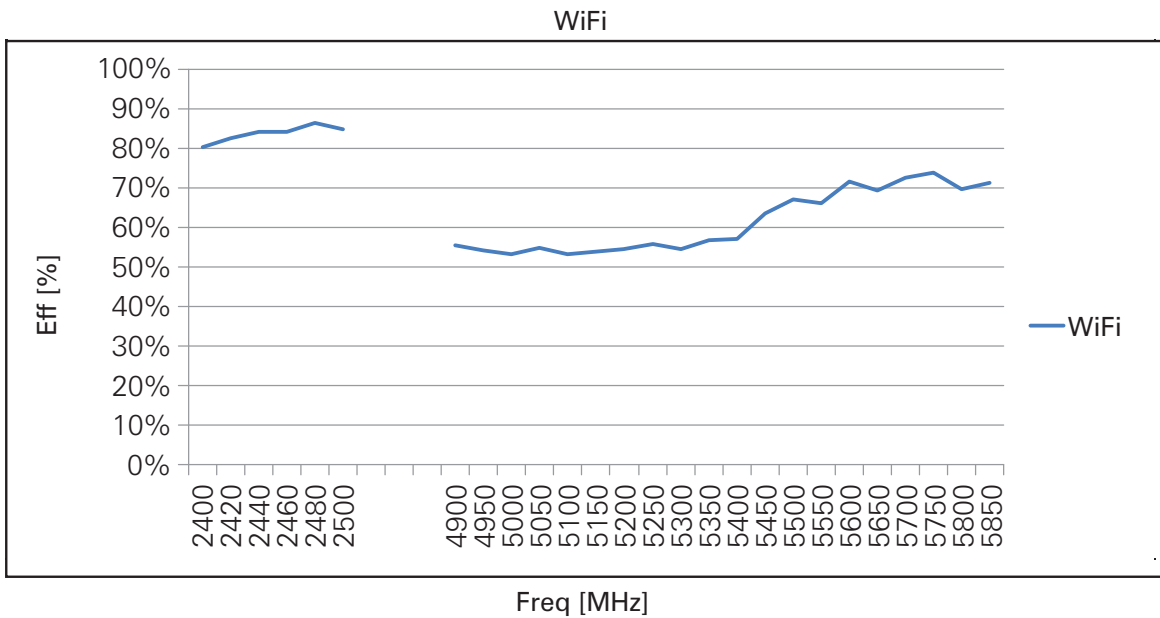
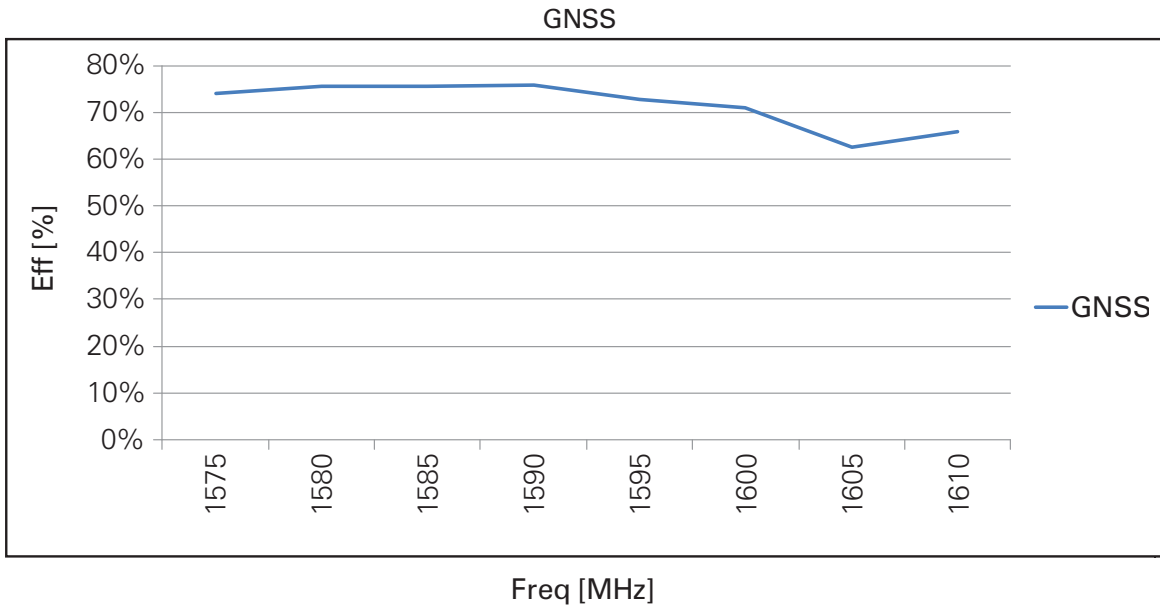
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Ceramic GPS/Glonass & Dual Band WiFi

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Typical Antenna Total Efficiency



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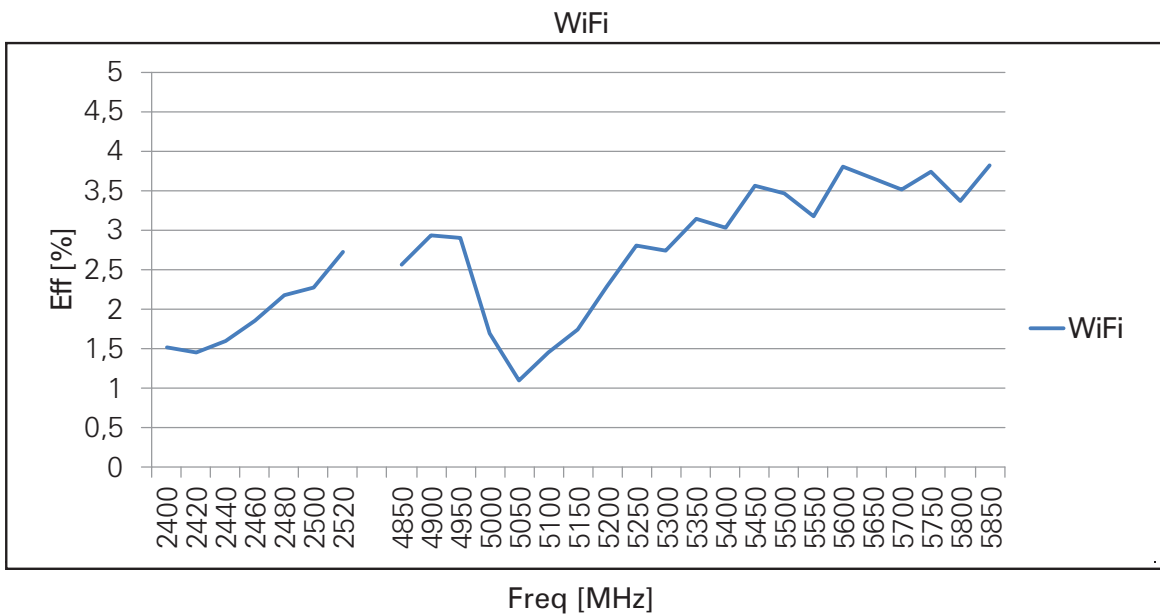
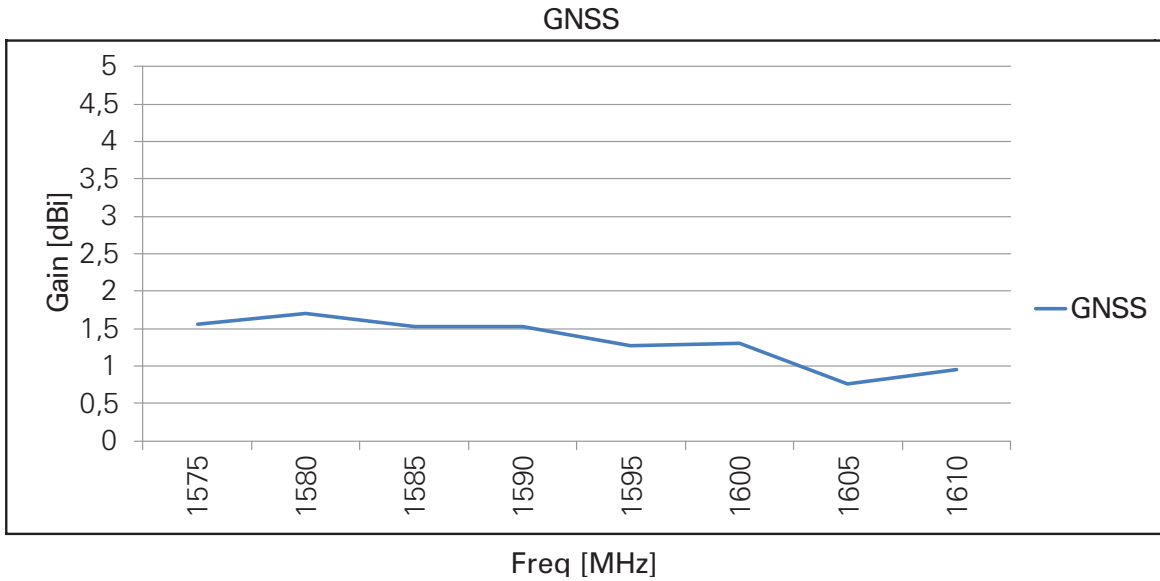
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Ceramic GPS/Glonass & Dual Band WiFi

Pulse Part Number W3095

Typical Antenna Peak Gain



For More Information

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