

External / In-building Knuckle Swivel, WiFi 6E Stick Antenna

W5098



- ④ WiFi-6E, Zigbee, BLE/BT, DSRC V2x Communication
- ④ Rugged Outdoor Systems
- ④ Marine, Mining, Utility, Oil/Gas Environments
- ④ Industrial Applications
- ④ Metering, Security, IoT Applications
- ④ Outdoor Networking, Data Transmission, Access Points

Electrical Specifications @ 25°C - Operating Temperature -40°C to 85°C, Storage Temperature -40°C to 85°C

Frequency Bands: 2.4-2.5GHz, 5.15-7.125GHz

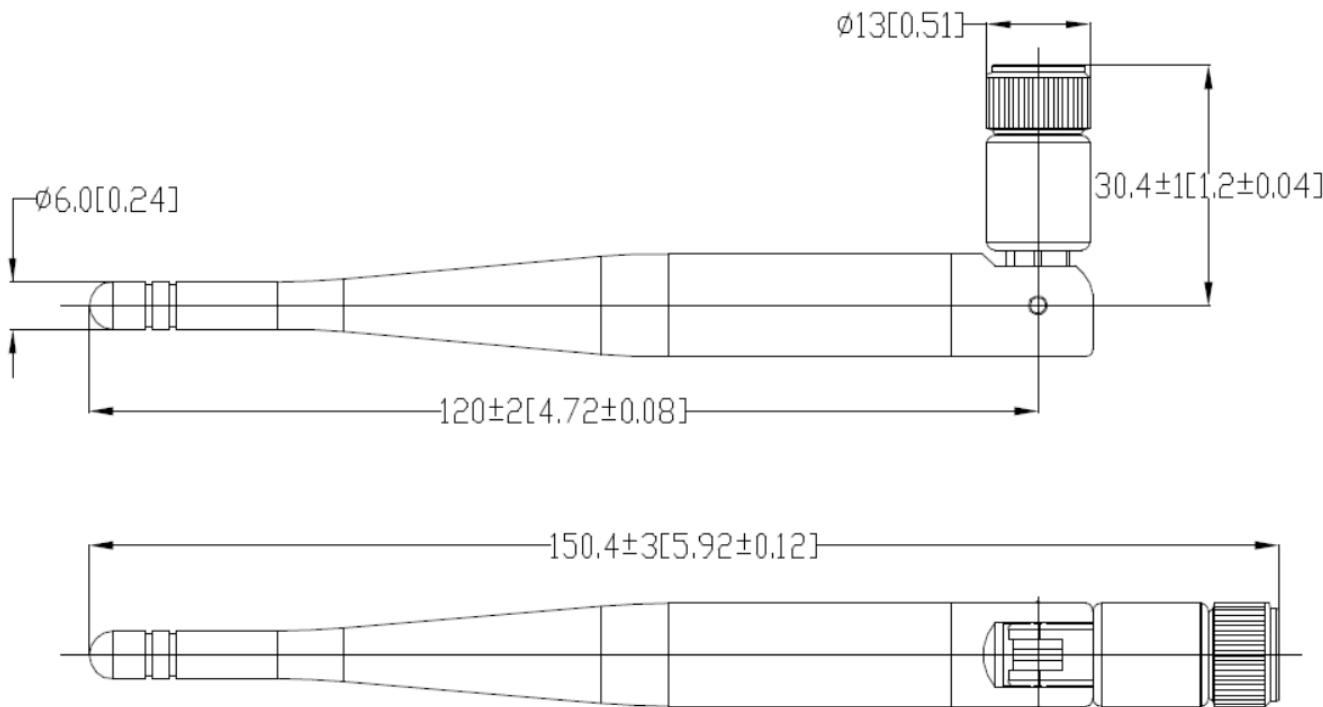
Antenna Type	Nominal Impedance	Radiation Pattern	Polarization	VSWR
Stick Antenna	50Ω	Omni	Vertical	2.0 Max
Frequency		2.4-2.5GHz		5.15-7.125GHz
Average Efficiency		75%		71%
Peak Gain		3.5dBi		3.8dBi

Mechanical Specifications

Part Number	Length	Color	Weight	Connector Type	Plastic Radome	Flammability	Ingress Protection
W5098	5.92 Inches	Black	17.3grms	RP-SMA	TPEE	UL94-V0	IP67

Mechanical

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Packaging

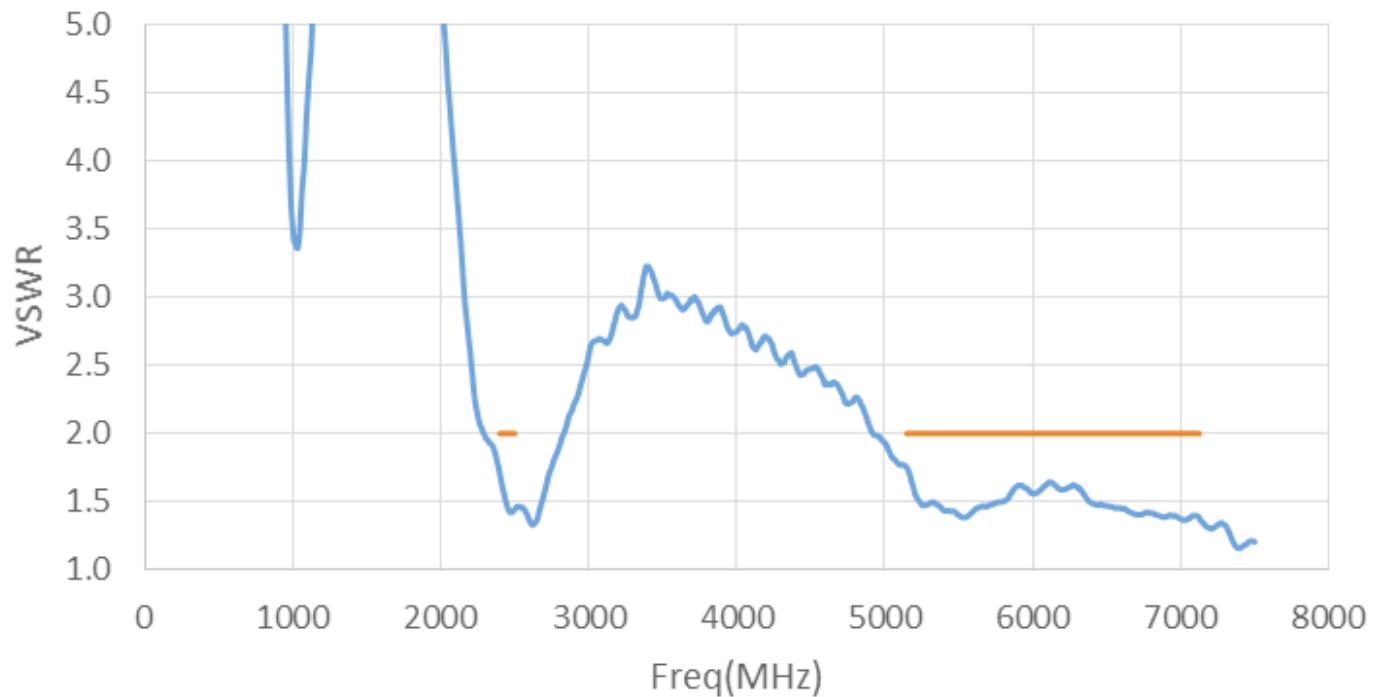
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10PCS/Bullet PE bag
500PCS/Carton Box

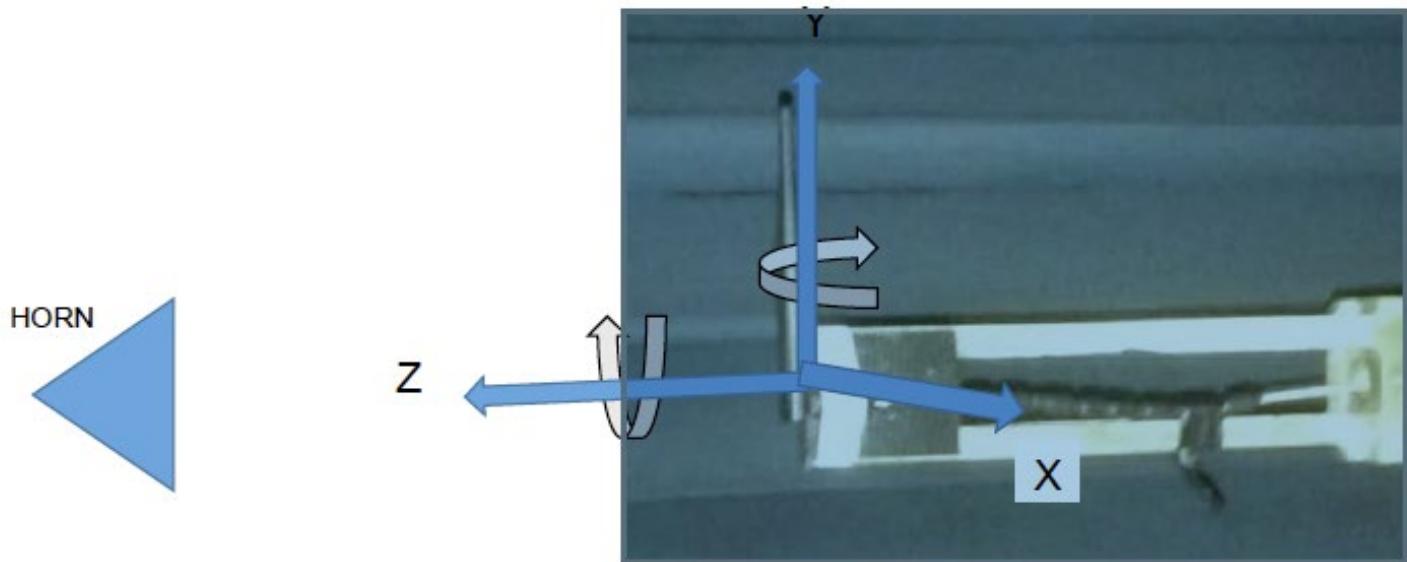
Charts

W5029x

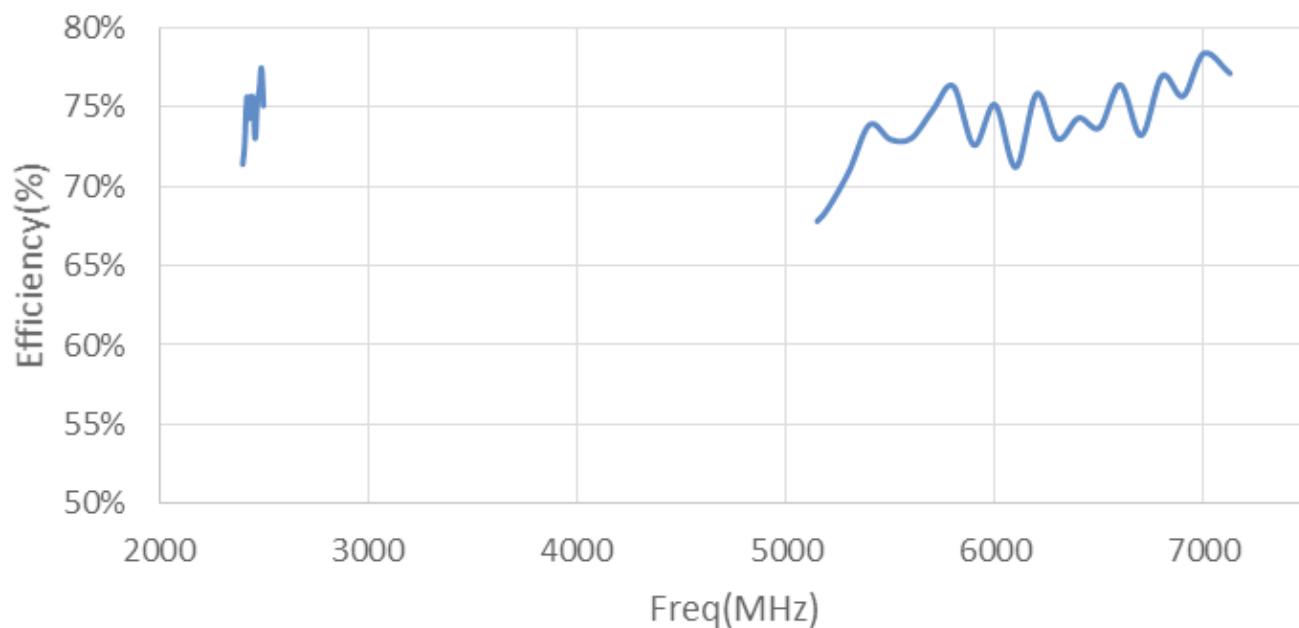
VSWR measured in free space



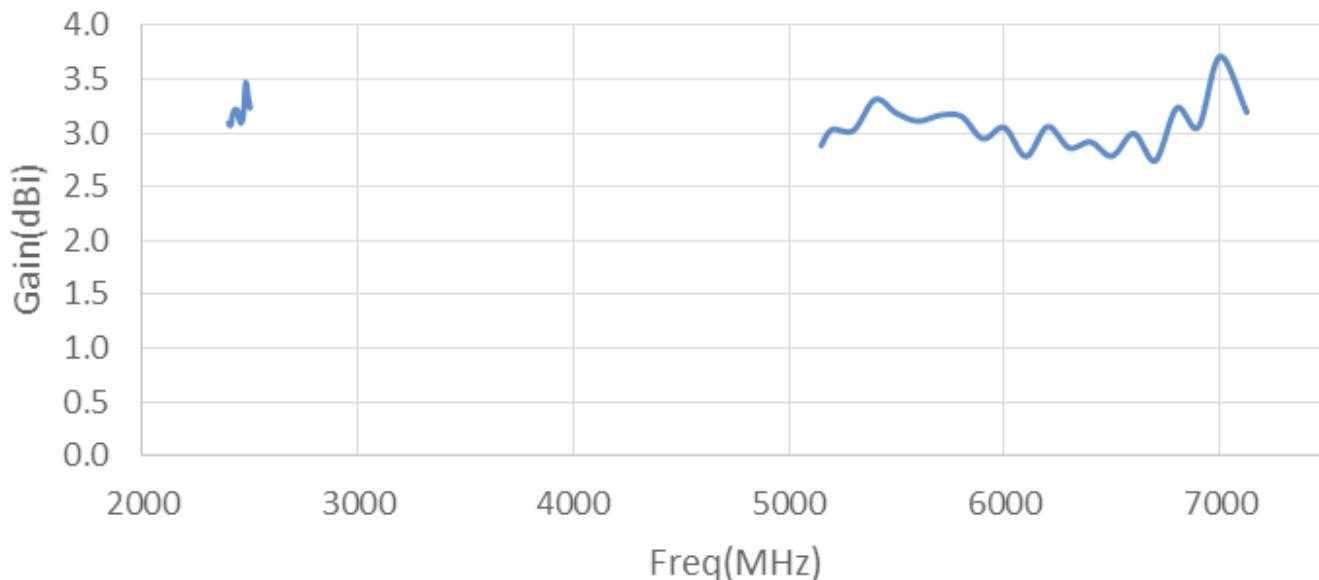
Chamber set up



Efficiency measured in free space right angle

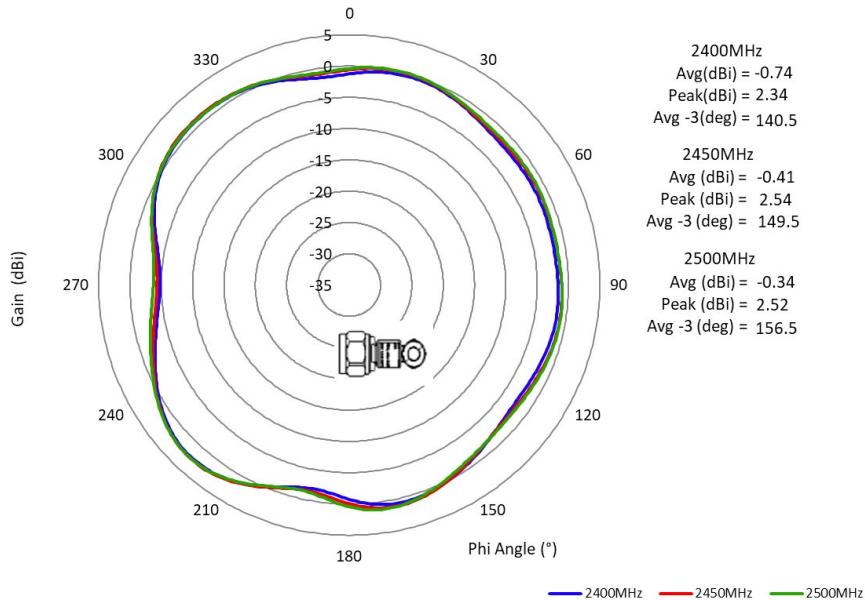


Peak Gain measured in free space right angle



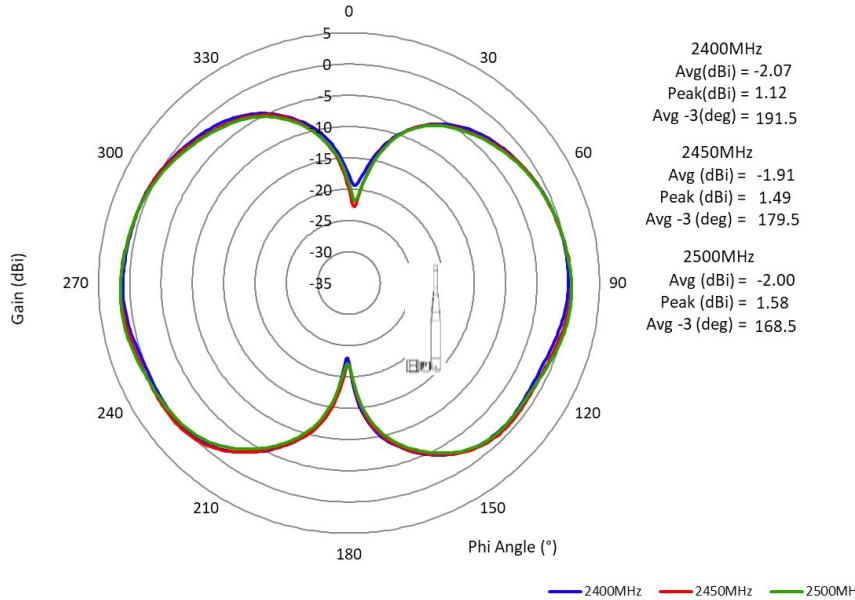
Horizontal Plane

XY Plane



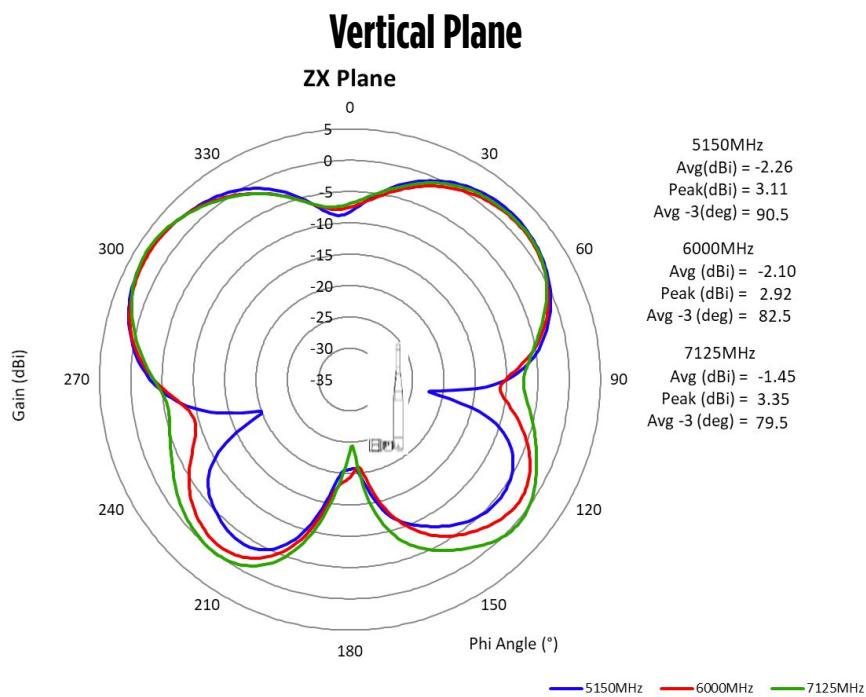
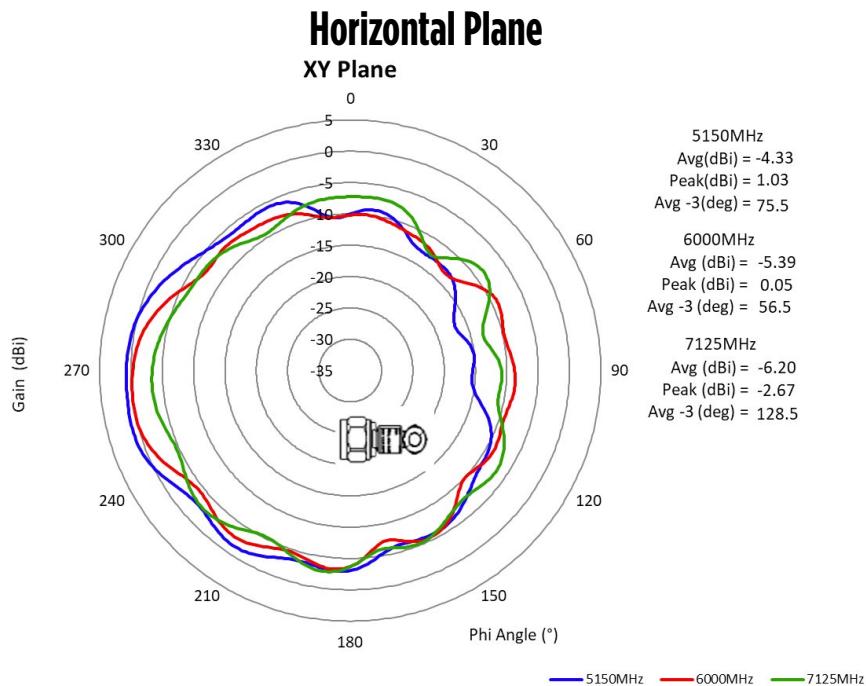
Vertical Plane

ZX Plane



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For More Information:

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