

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

W5098



 **Pulse**
a YAGEO company

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

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

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

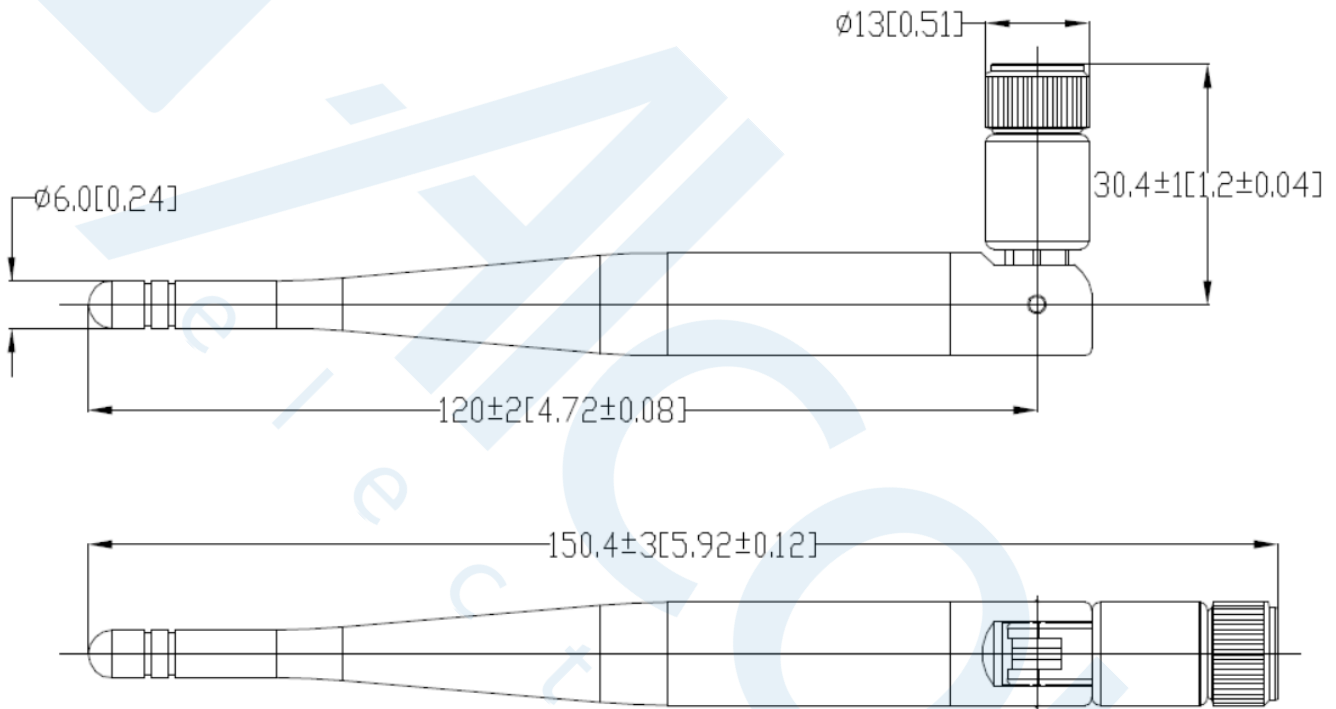
Antenna Type	Nominal Impedance	Radiation Pattern	Polarization	VSWR
Stick Antenna	50Ω	Omni	Vertical	2.0 Max
Frequency	2.4-2.5GHz		5.15-7.125GHz	
Average Efficiency	75%		71%	
Peak Gain	3.5dBi		3.8dBi	

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

W5098



Packaging

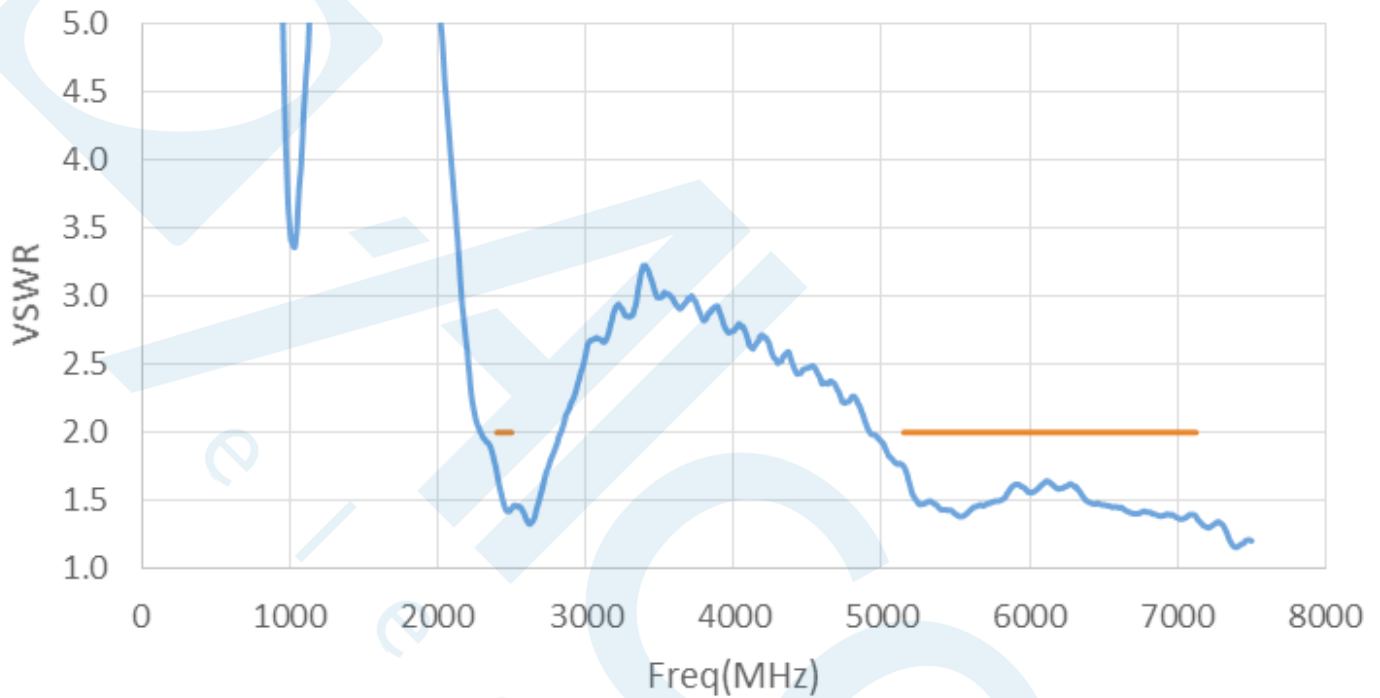
W5098

10PCS/Bullet PE bag
500PCS/Carton Box

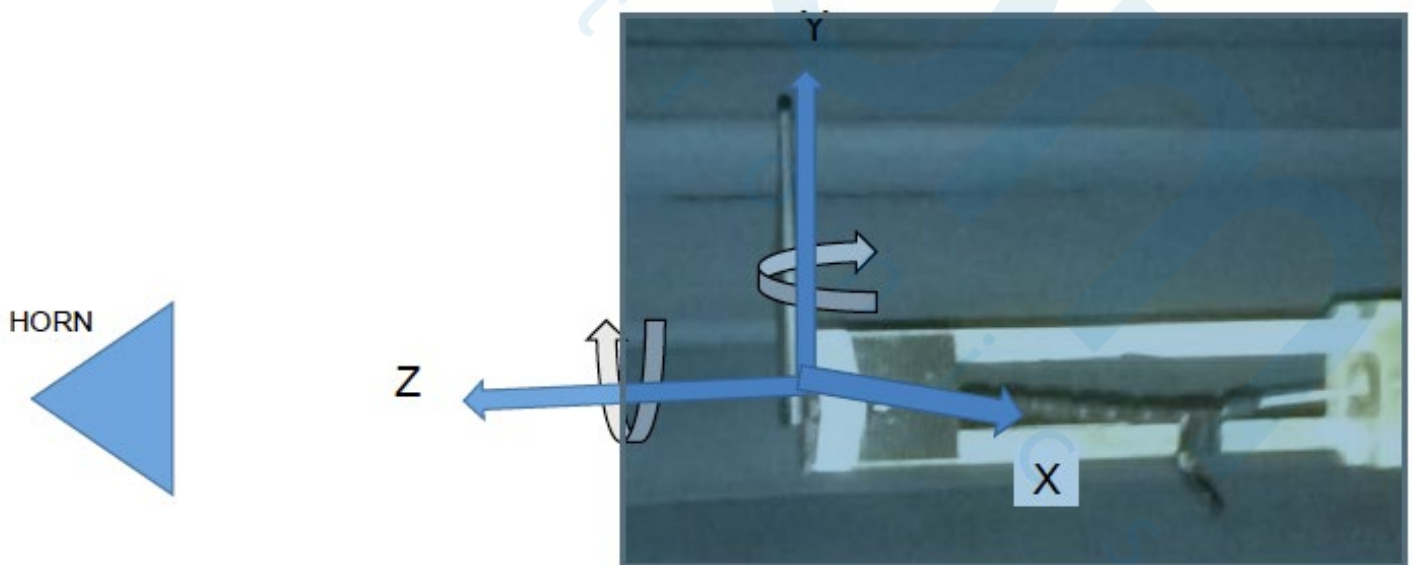
Charts

W5029x

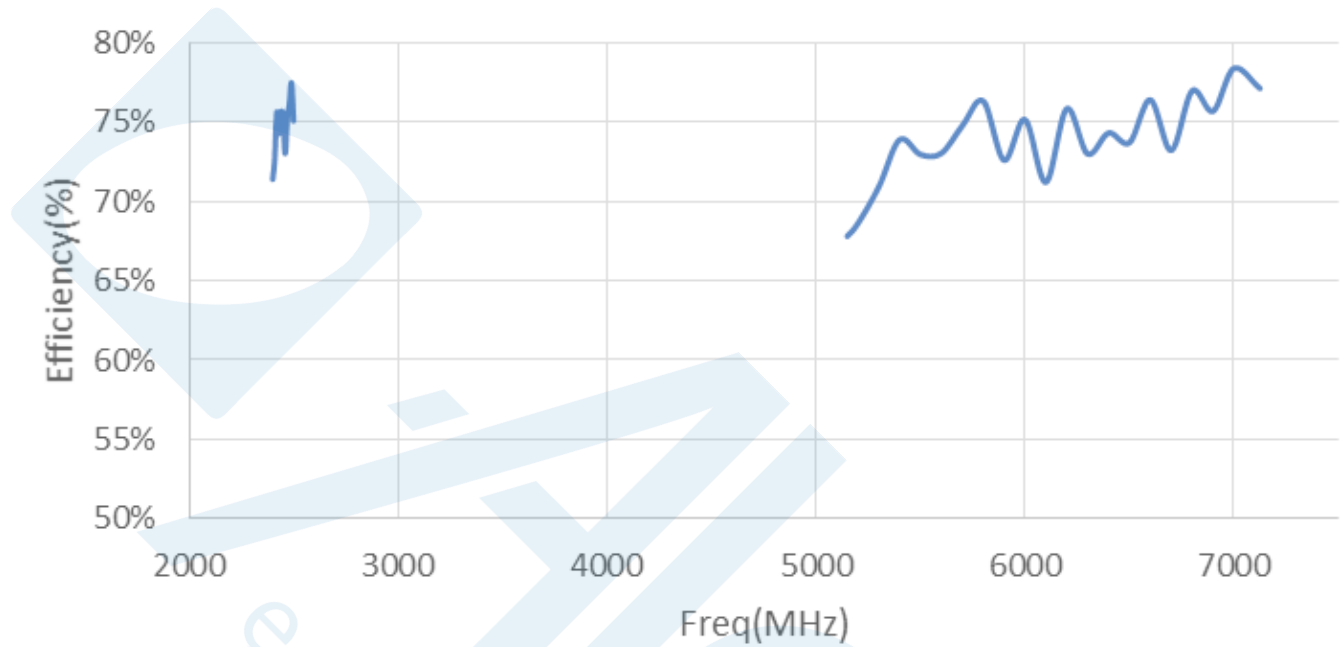
VSWR measured in free space



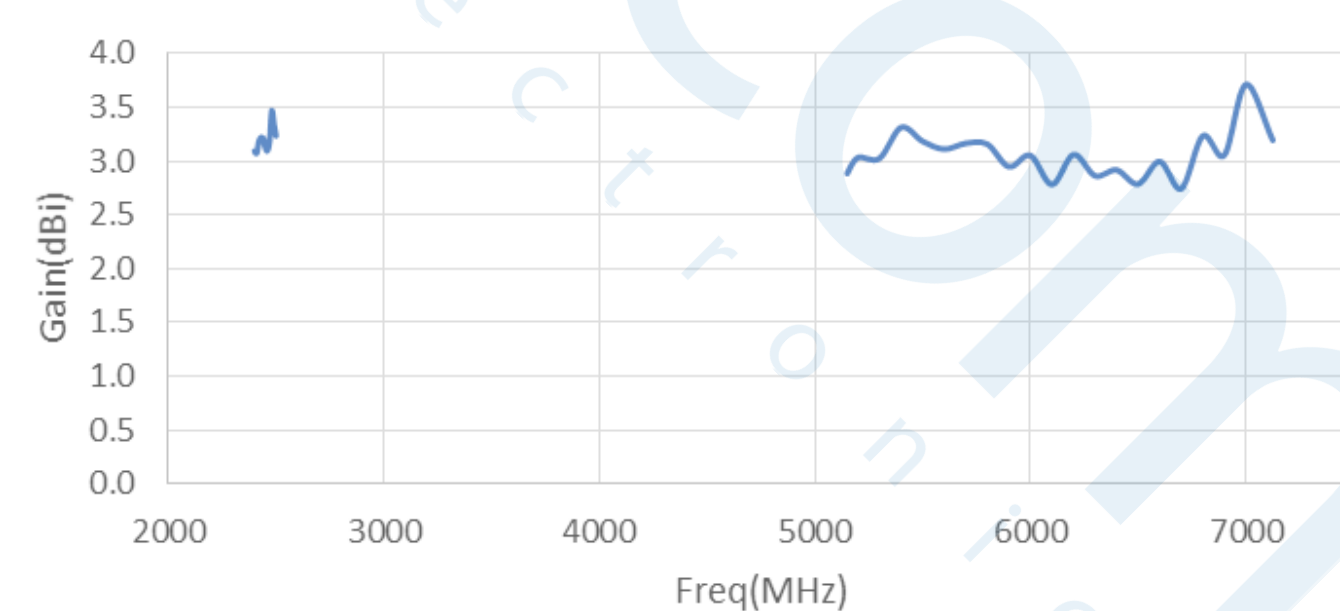
Chamber set up



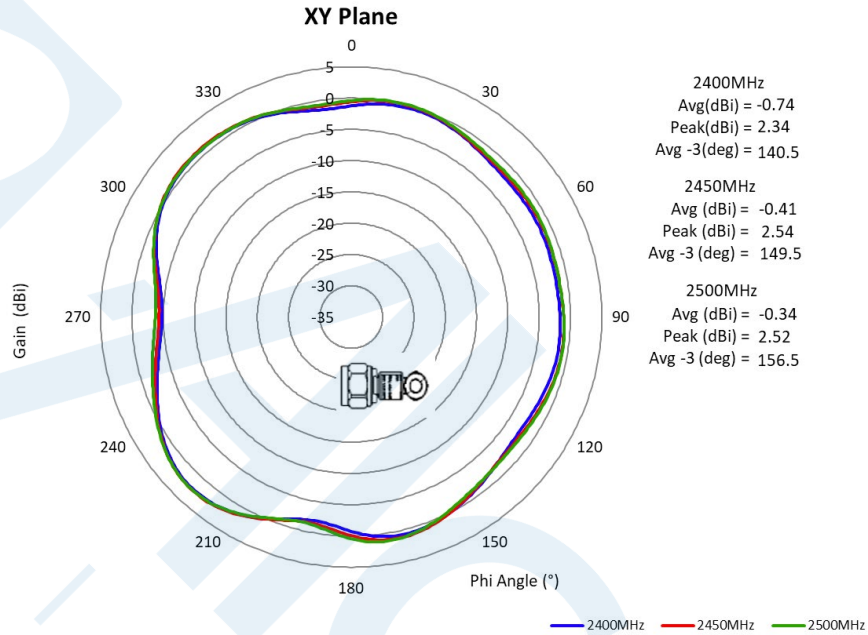
Efficiency measured in free space right angle



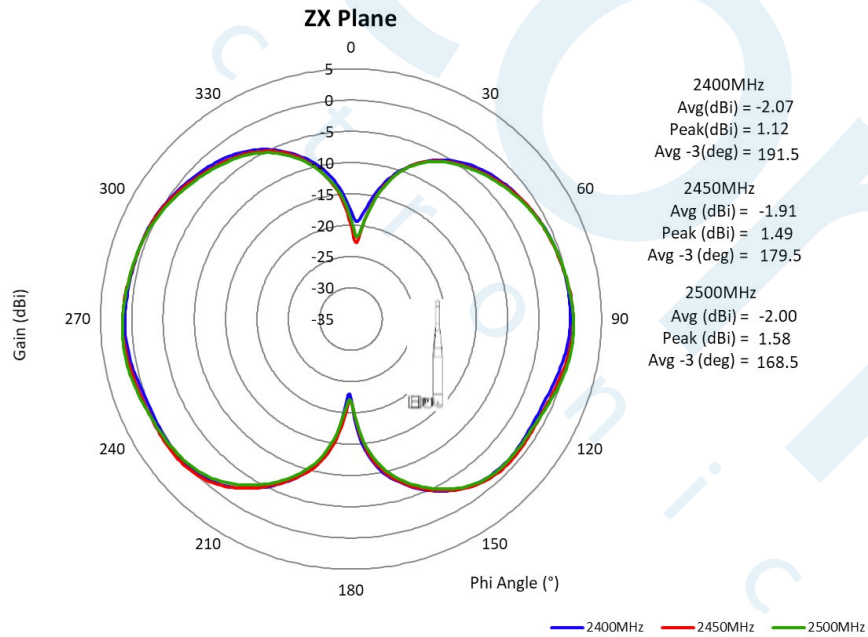
Peak Gain measured in free space right angle



Horizontal Plane



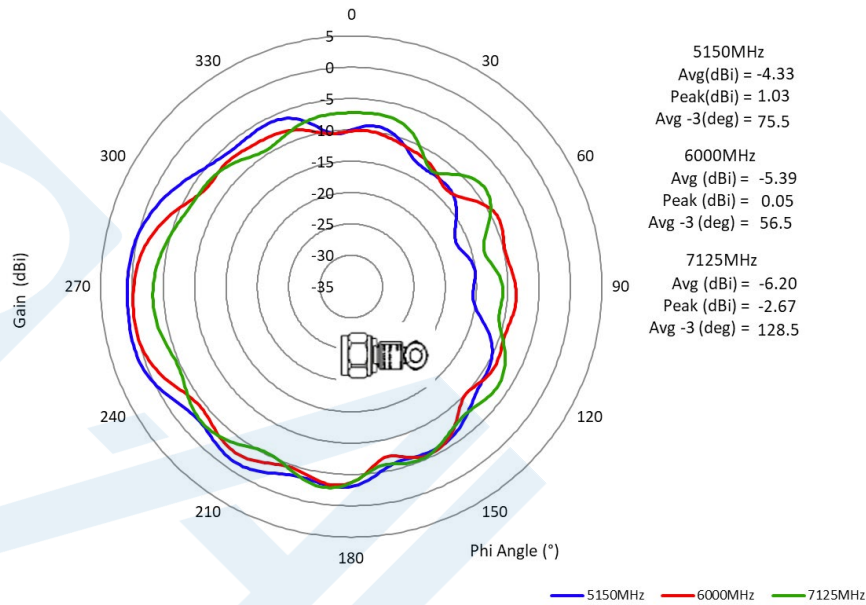
Vertical Plane



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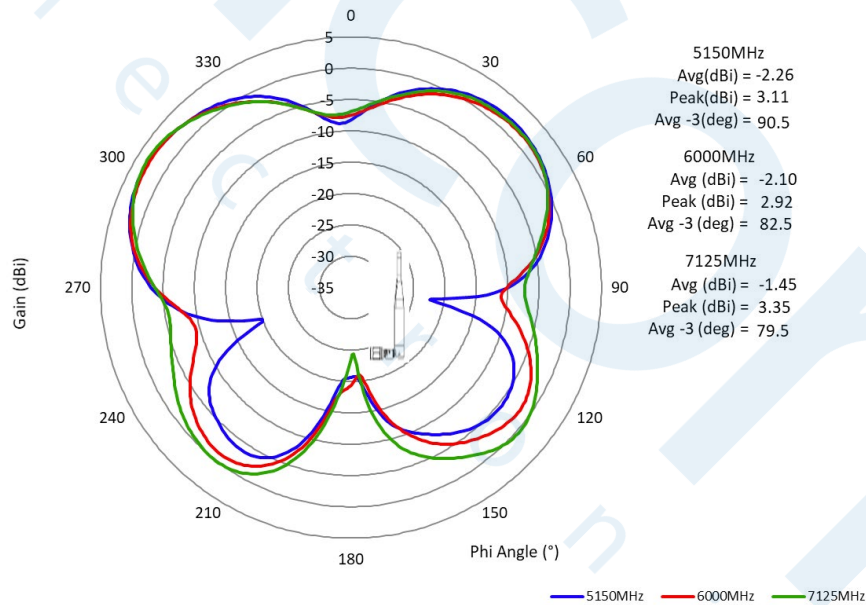
Horizontal Plane

XY Plane



Vertical Plane

ZX Plane



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