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PulseLARSEN Antennas

TECHNICAL DATA SHEET

Description: 2.4-2.5GHz SMA Stubby Antenna

Series: External Stubby

PART NUMBER: W1095X



W1095



W1095K
W1095KRP

Features:

- Fixed Stubby Low Profile Monopole Antenna
- Gain 1 dBi
- Ingress Protection IP65
- UV Protection
- RoHS Compliant Product
- Connector Type: See page 2

Applications:

- WiFi, Zigbee, BLE/BT, WLAN (2.4-2.5GHz)
- Metering, Security, IoT Applications
- Mining, Utility, and Industrial Applications
- Outdoor Networking
- Data Transmission
- Access Points

All dimensions are in mm / inches

Issue: 1843

RoHS COMPLIANT

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ELECTRICAL SPECIFICATIONS

Antenna Type	Monopole
Frequency	2400-2500MHz
Nominal Impedance	50 Ω
VSWR	2.5:1
Radiation Pattern	Omni
Gain	1dBi
Efficiency	50%
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Overall Length	50.8mm
Weight	4.1g
Antenna Color / Material	Black
Connector type	SMA Male (W1095)
	RA SMA Male (W1095K)
	RA RP SMA Male (W1095KRP)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C
IP Rating	IP65
RoHS Compliant	Yes

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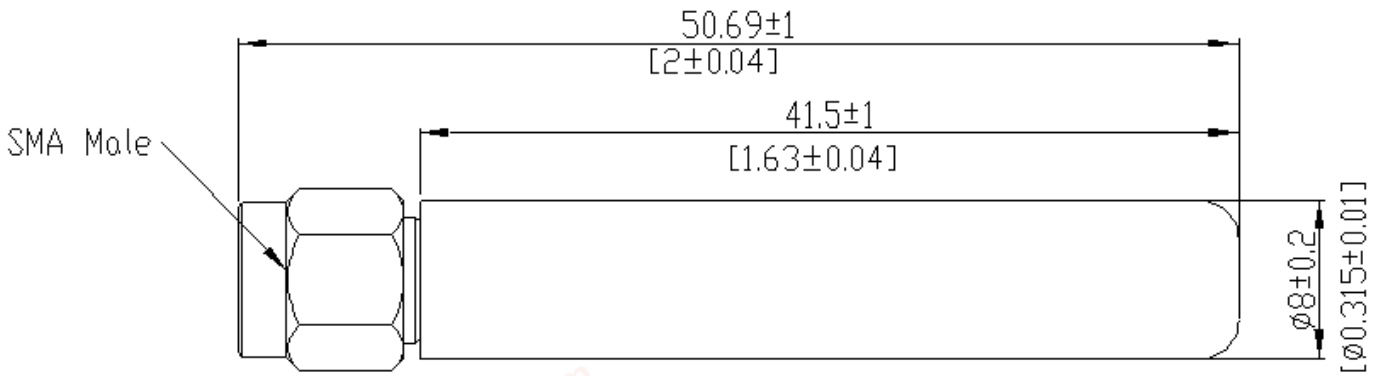
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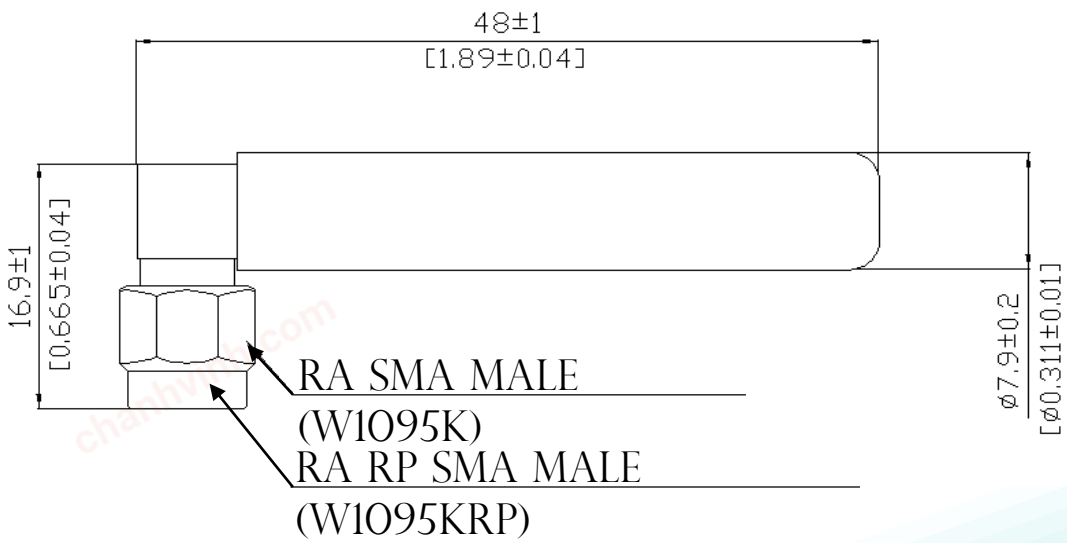
PART NUMBER: W1095X

MECHANICAL DRAWING

W1095



W1095K / W1095KRP



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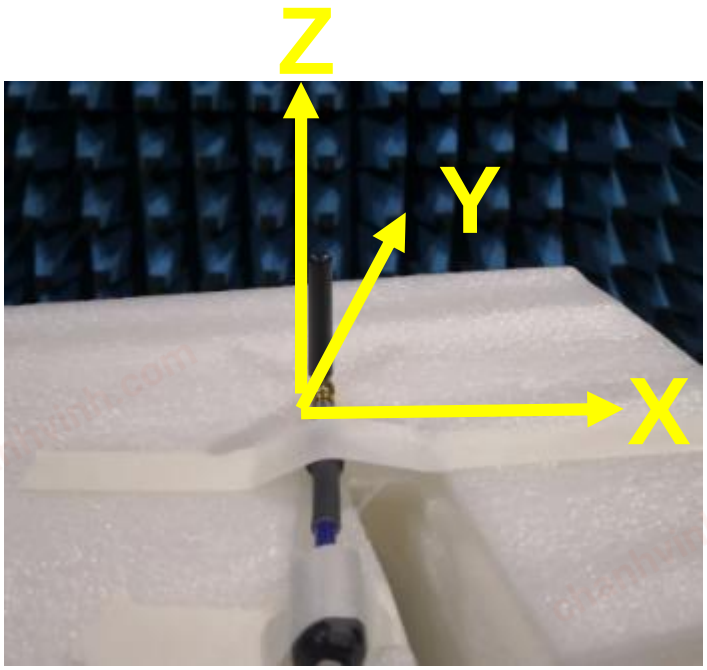
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TEST SETUP



Antenna is a monopole antenna. All data in this document is tested without any additional ground plane. Antenna in free space.

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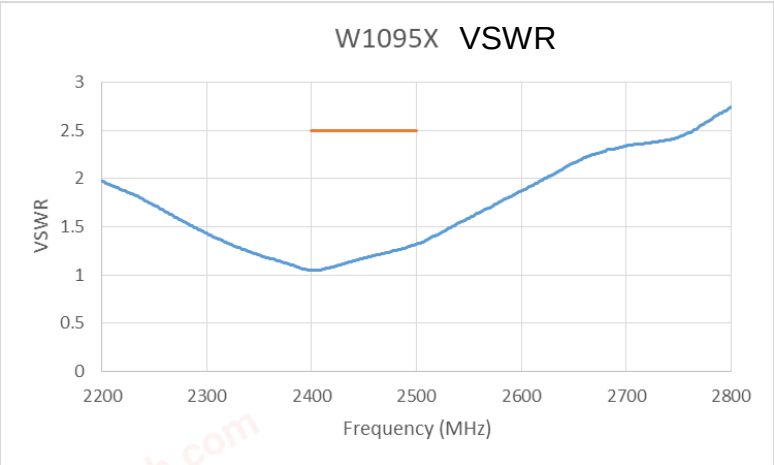
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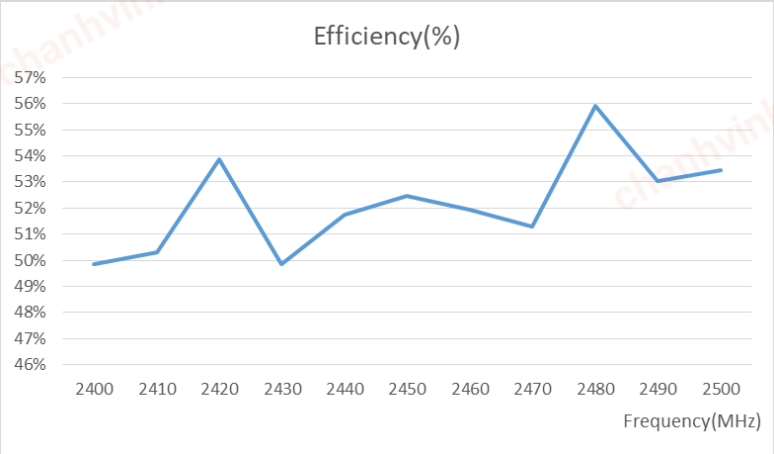
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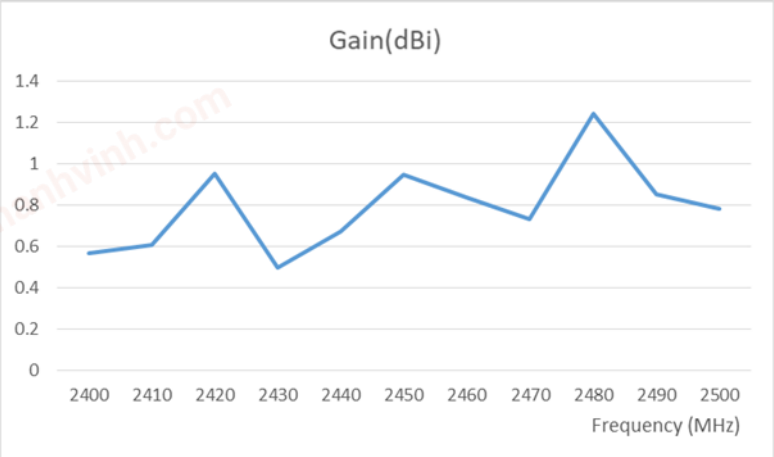
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CHARTS







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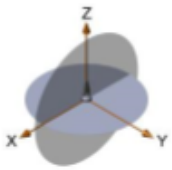
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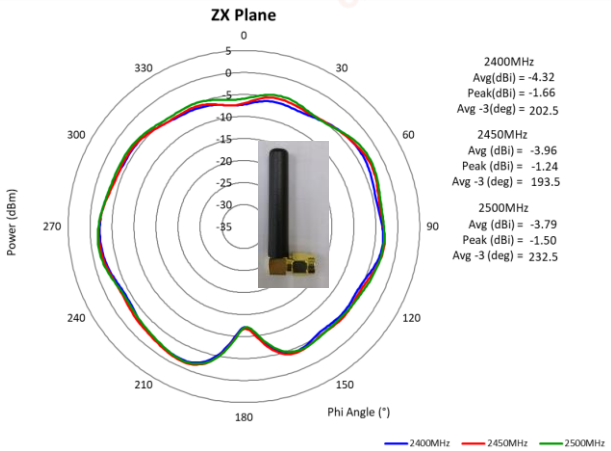
CHARTS

Free Space Radiation Pattern

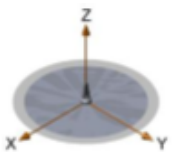
Elevation Plane



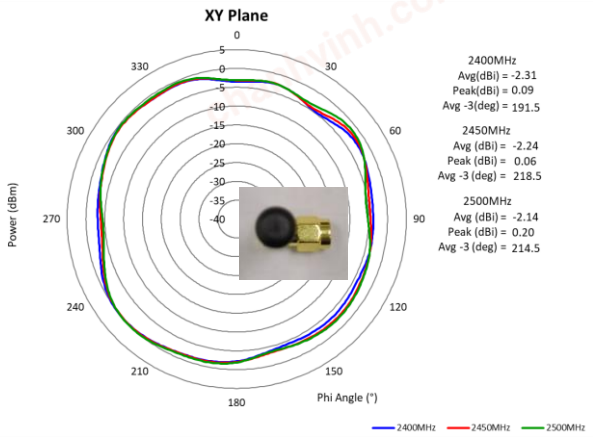
XZ Plane



Horizontal Plane



XY Plane



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PACKAGING

W1095

Pack 20pcs antenna in one PE bag, 100pcs PE bag (2000pcs Antenna) in one carton

W1095K / W1095KRP

Pack 20pcs antenna in one PE bag, 72pcs PE bag (1440pcs Antenna) in one carton

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