

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

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

For more information:

Pulse Worldwide Headquarters
15255 Innovation Drive #100
San Diego, CA 92128
USA
Tel: 1-858-674-8100

Pulse/Larsen Antennas
18110 SE 34th St Bldg 2 Suite 250
Vancouver, WA 98683
USA
Tel: 1-360-944-7551

Europe Headquarters
Pulse GmbH & Co, KG
Zeppelinstrasse 15
Herrenberg, Germany
Tel: 49 7032 7806 0

Pulse (Suzhou) Wireless Products Co, Inc.
99 Huo Ju Road (#29 Bldg, 4th Phase
Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
Tel: 86 512 6807 9998



Series: External Stubby

Description: 2.4-2.5GHz SMA Stubby Antenna

PART NUMBER: W1095X

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

Issue: 1843

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

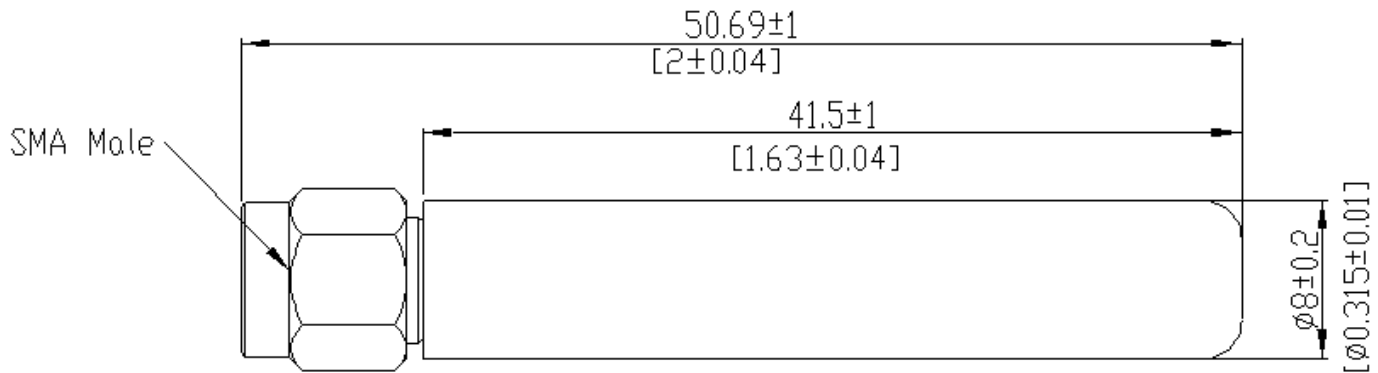
Series: External Stubby

Description: 2.4-2.5GHz SMA Stubby Antenna

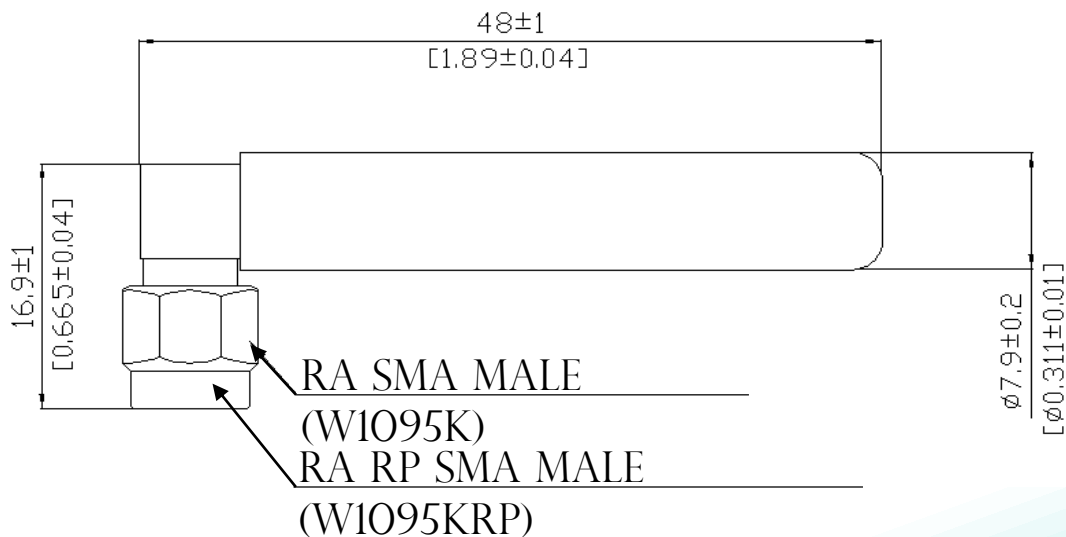
PART NUMBER: W1095X

MECHANICAL DRAWING

W1095



W1095K / W1095KRP



Issue: 1843

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

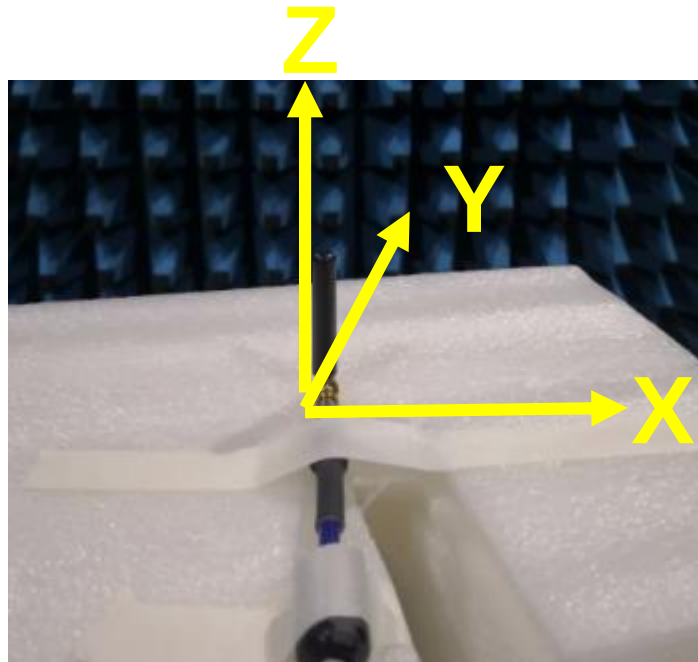
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

Series: External Stubby

Description: 2.4-2.5GHz SMA Stubby Antenna

PART NUMBER: W1095X

TEST SETUP



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

Issue: 1843

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

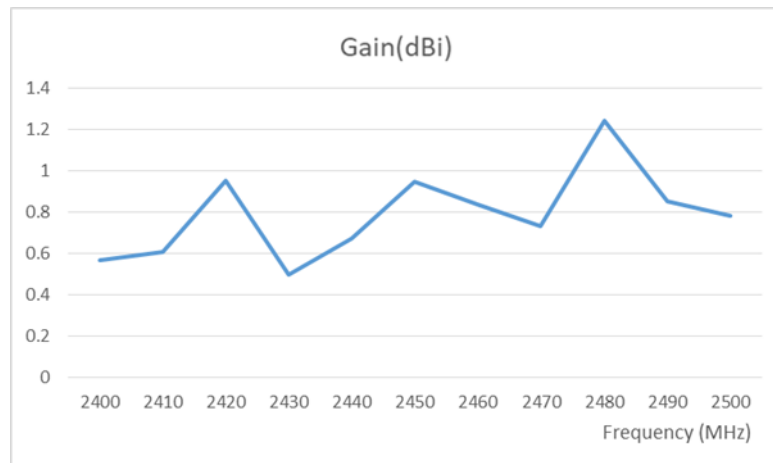
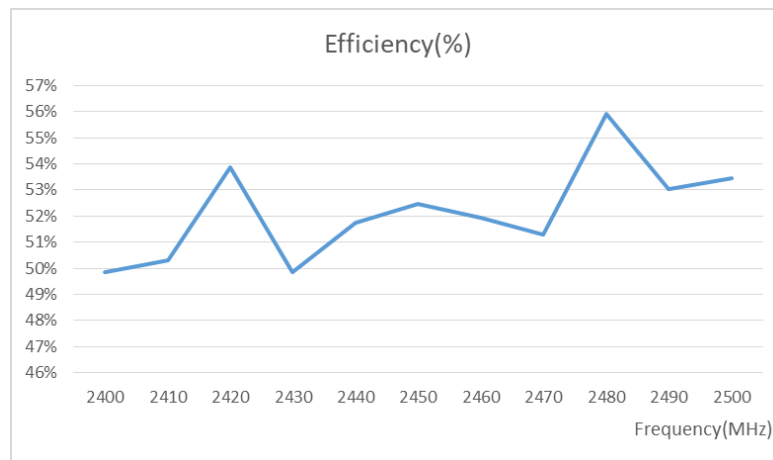
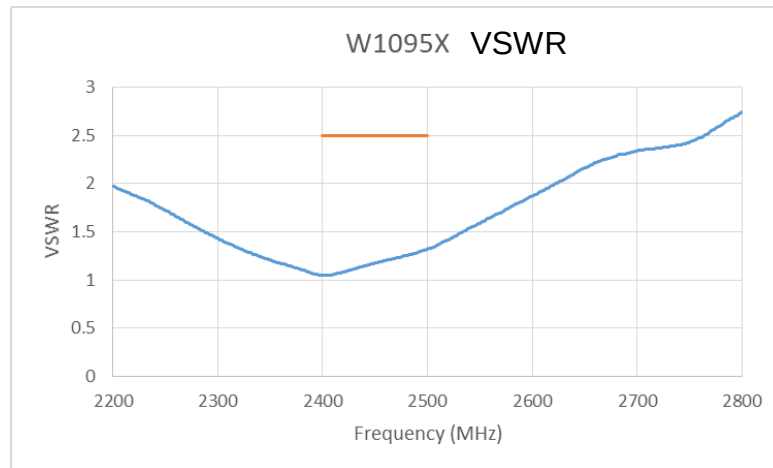
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

Series: External Stubby

Description: 2.4-2.5GHz SMA Stubby Antenna

PART NUMBER: W1095X

CHARTS



Issue: 1843

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

Series: External Stubby

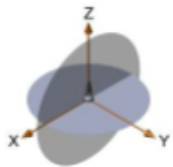
Description: 2.4-2.5GHz SMA Stubby Antenna

PART NUMBER: W1095X

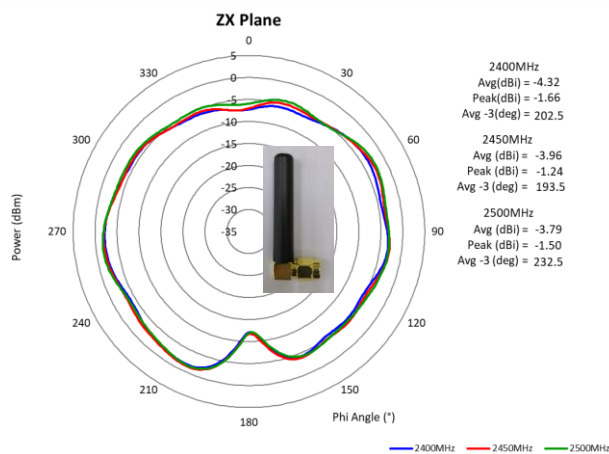
CHARTS

Free Space Radiation Pattern

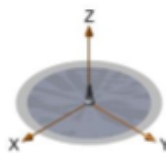
Elevation Plane



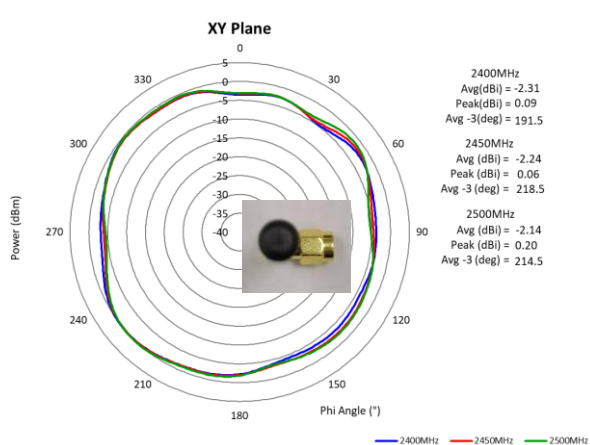
XZ Plane



Horizontal Plane



XY Plane



Issue: 1843

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

CONFIDENTIAL AND PROPRIETARY INFORMATION

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

Series: External Stubby

Description: 2.4-2.5GHz SMA Stubby Antenna

PART NUMBER: W1095X

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