



Features:

- Frequency 868-928MHz
- Gain 1dBi
- Efficiency 70%
- Length 195mm straight
- Connectors:
 - W1063 RP-SMA Male
 - W1063M SMA Male
- RoHS Compliant

Applications:

- Indoor use
- 868MHz and 915MHz ISM band radios
- IoT devices
- Security
- Sensors
- Monitoring

All dimensions are in mm

Issue: 1837

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: Stick Antenna

Description: 868-928MHz Swivel Type
dipole antenna

PART NUMBER: W1063/ W1063M

ELECTRICAL SPECIFICATIONS

Frequency	863-928 MHz
Nominal Impedance	50 Ω
VSWR	2 Maximum
Radiation Pattern	Omni
Gain	1 dBi
Efficiency	70 %
Polarization	Linear
Power Withstanding	1 W

MECHANICAL SPECIFICATIONS

Overall Length	195+/-2 mm
Weight	23.5 g
Antenna Color / Material	Black
Connector type	W1063 RP SMA Male W1063M SMA Male
IP Rating	IP20, Indoor use

ENVIRONMENTAL SPECIFICATIONS

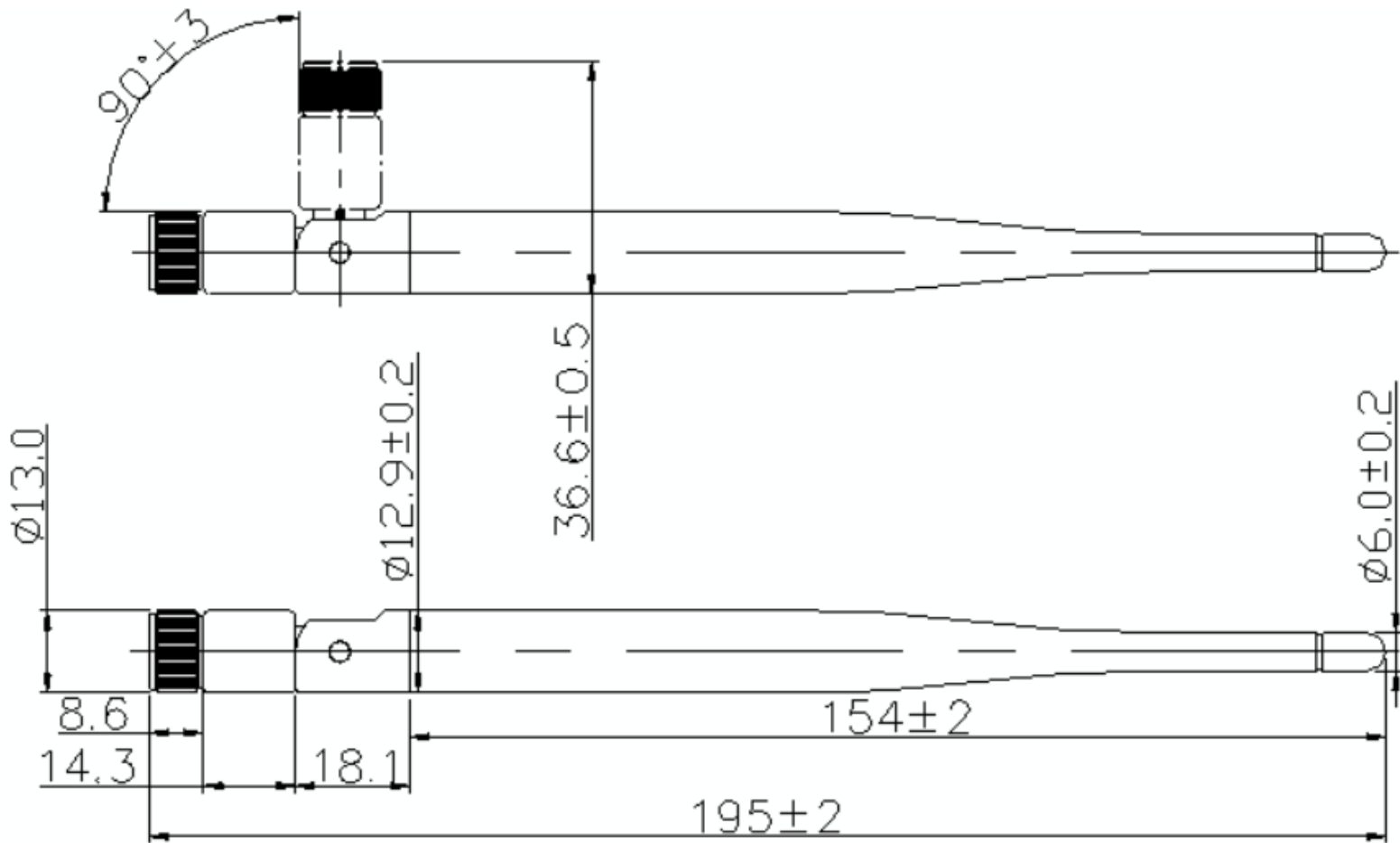
Operating Temperature	-20 °C /+65 ° C
Storage Temperature	-30 °C /+75 ° C

Series: Stick Antenna

Description: 868-928MHz Swivel Type
dipole antenna

PART NUMBER: W1063/ W1063M

MECHANICAL DRAWING



All dimensions are in mm

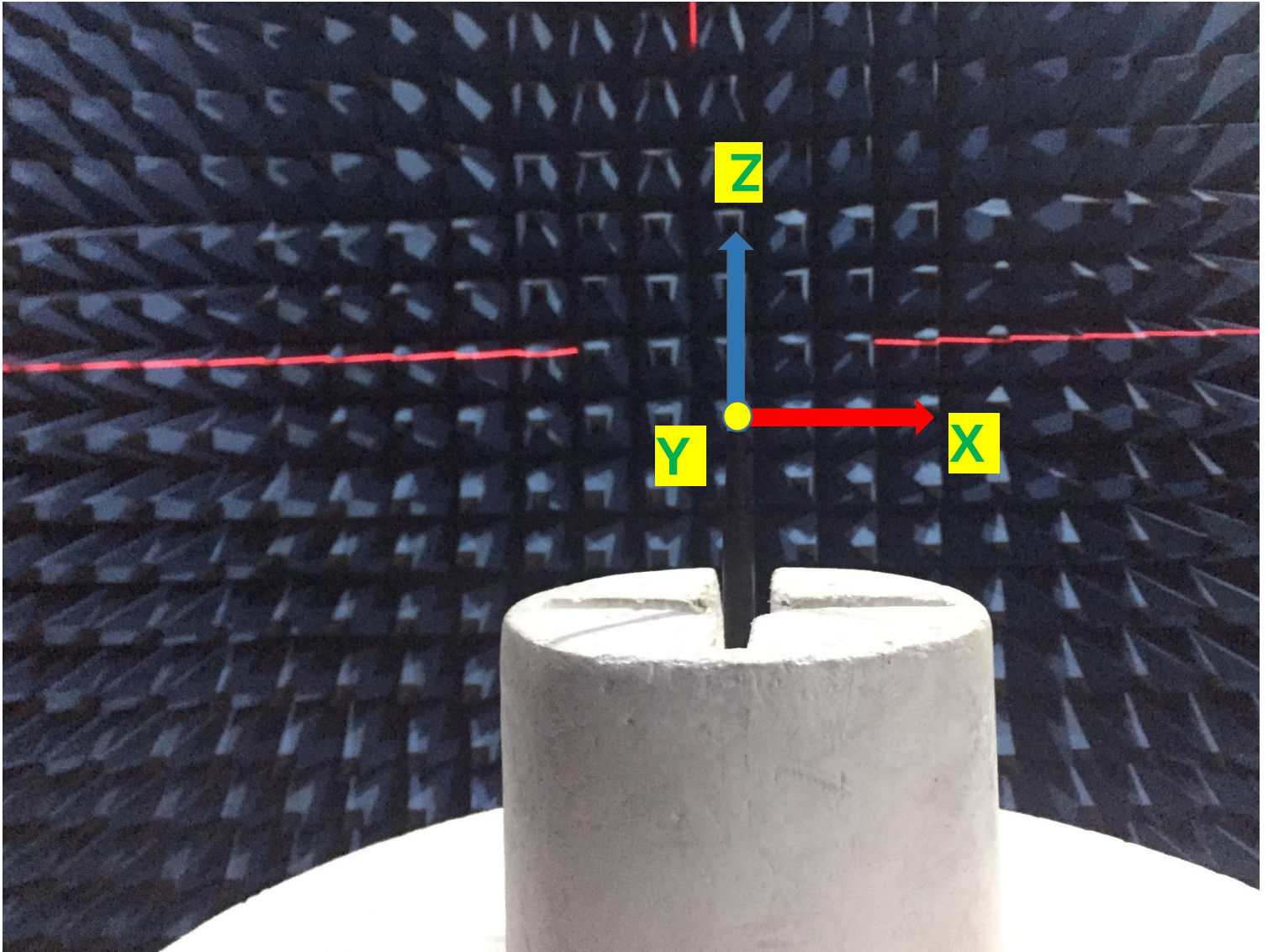
Issue: 1837

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

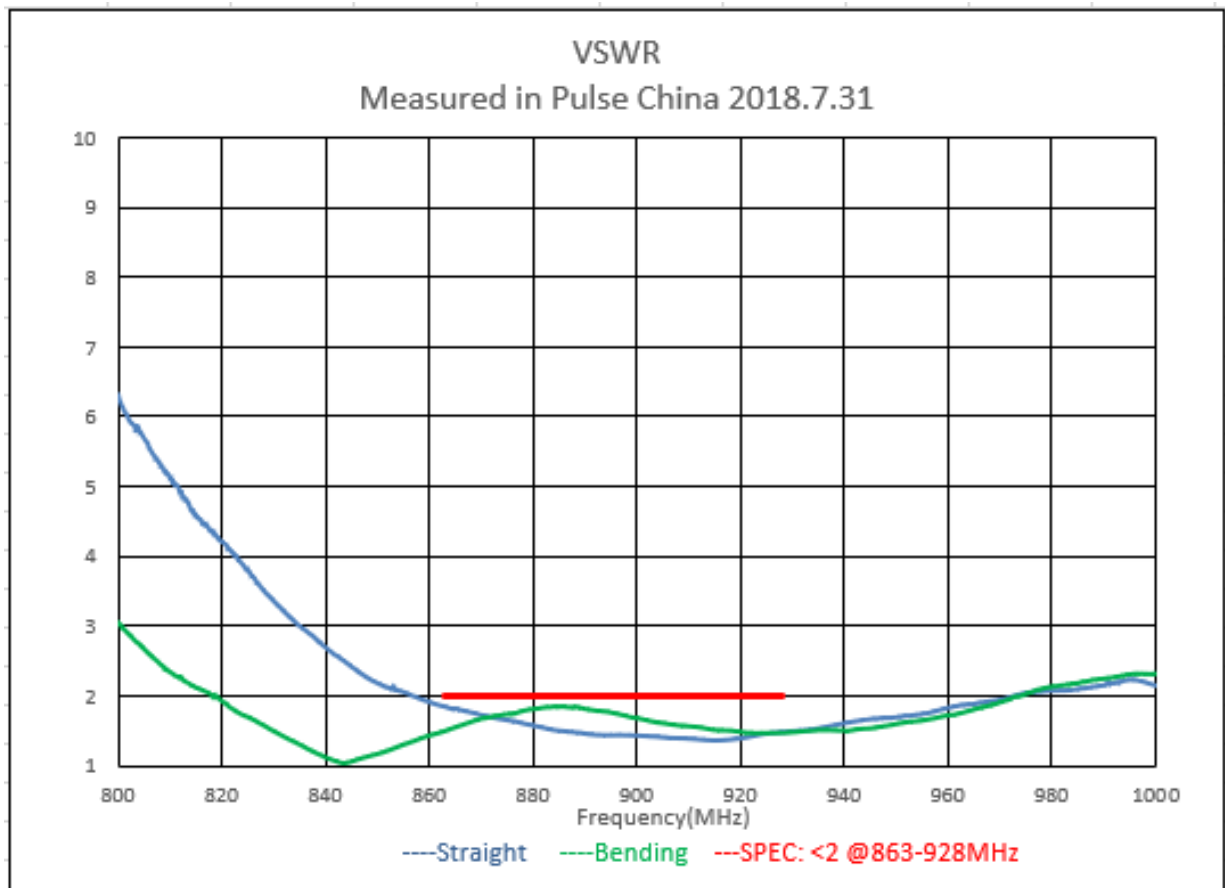
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

TEST SETUP



CHARTS

VSWR



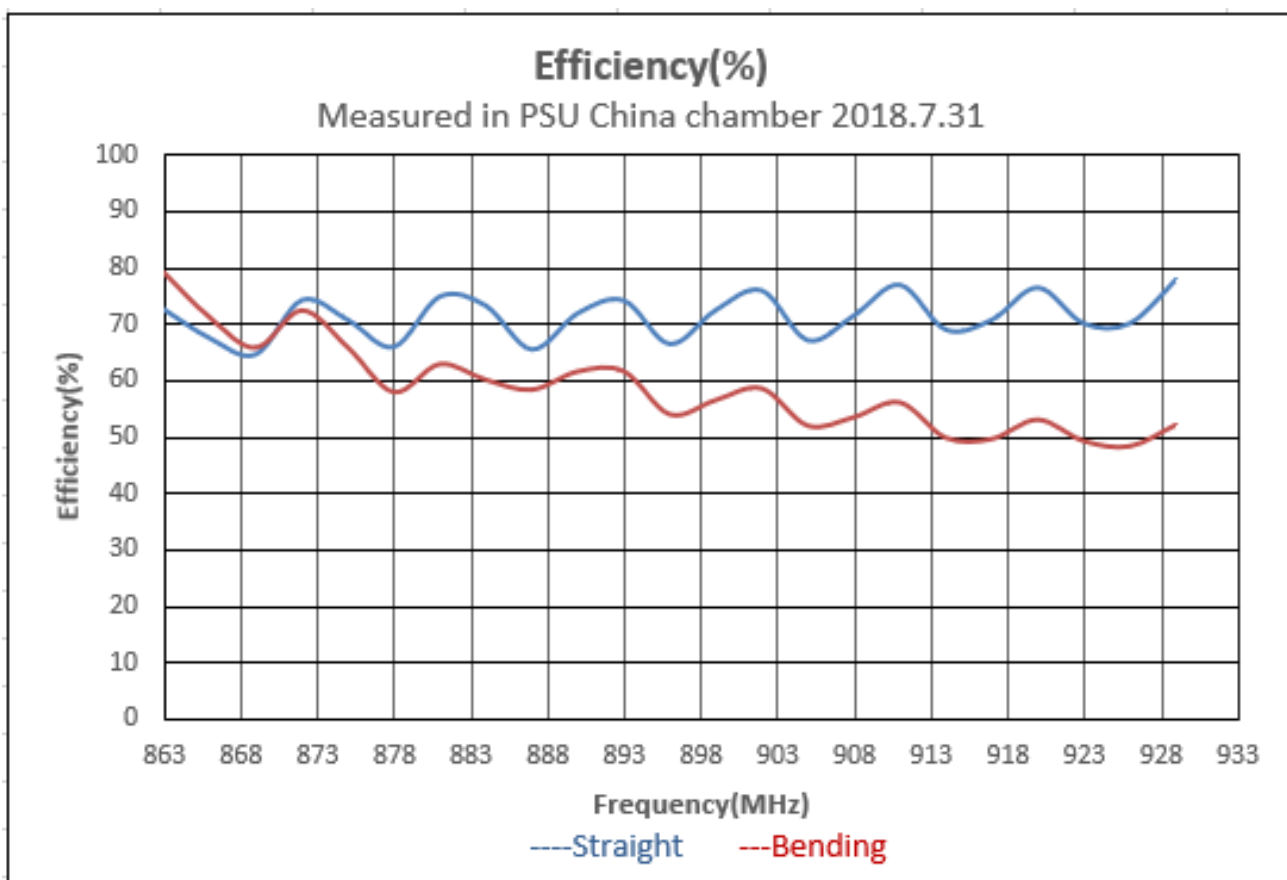
Description: 868-928MHz Swivel Type dipole antenna

Series: Stick Antenna

PART NUMBER: W1063/ W1063M

CHARTS

Efficiency(%)



Issue: 1837

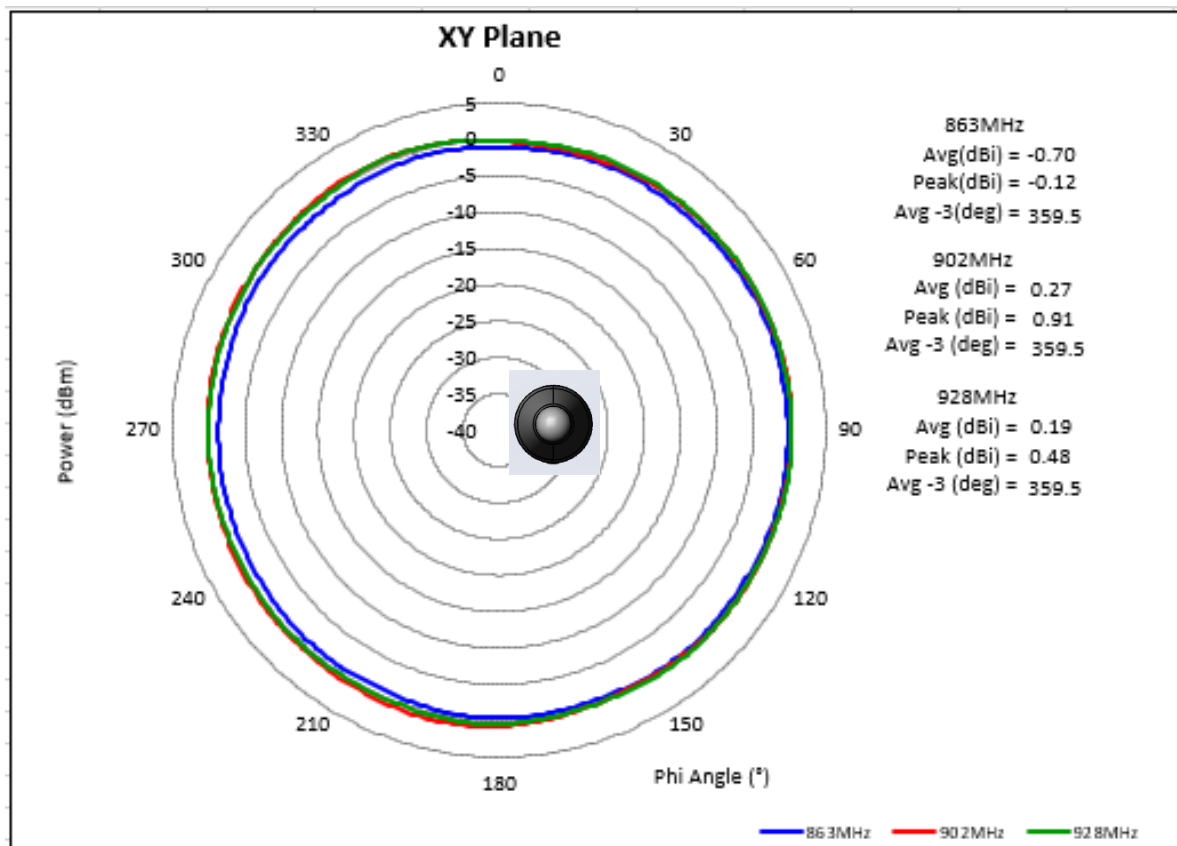
In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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.

CHARTS

Free space radiation pattern



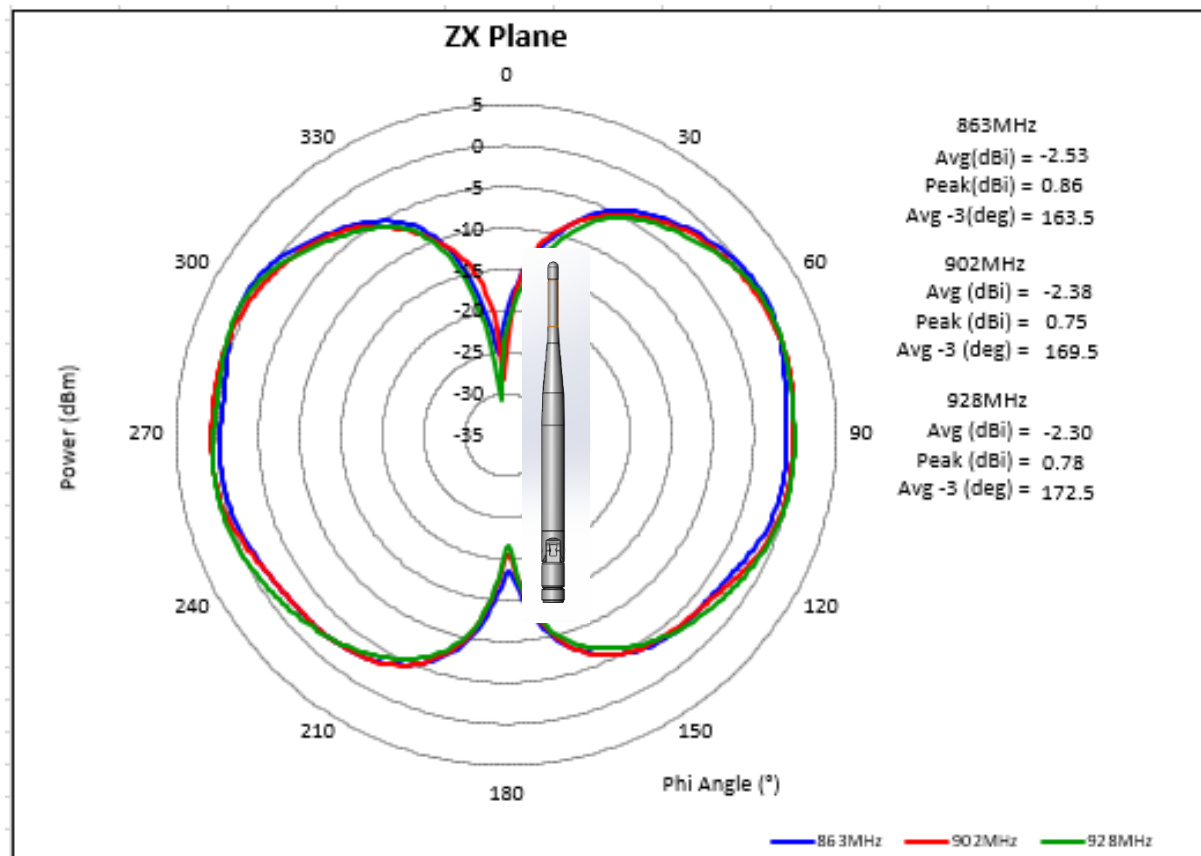
Description: 868-928MHz Swivel Type dipole antenna

Series: Stick Antenna

PART NUMBER: W1063/ W1063M

CHARTS

Free space radiation pattern



Issue: 1837

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.

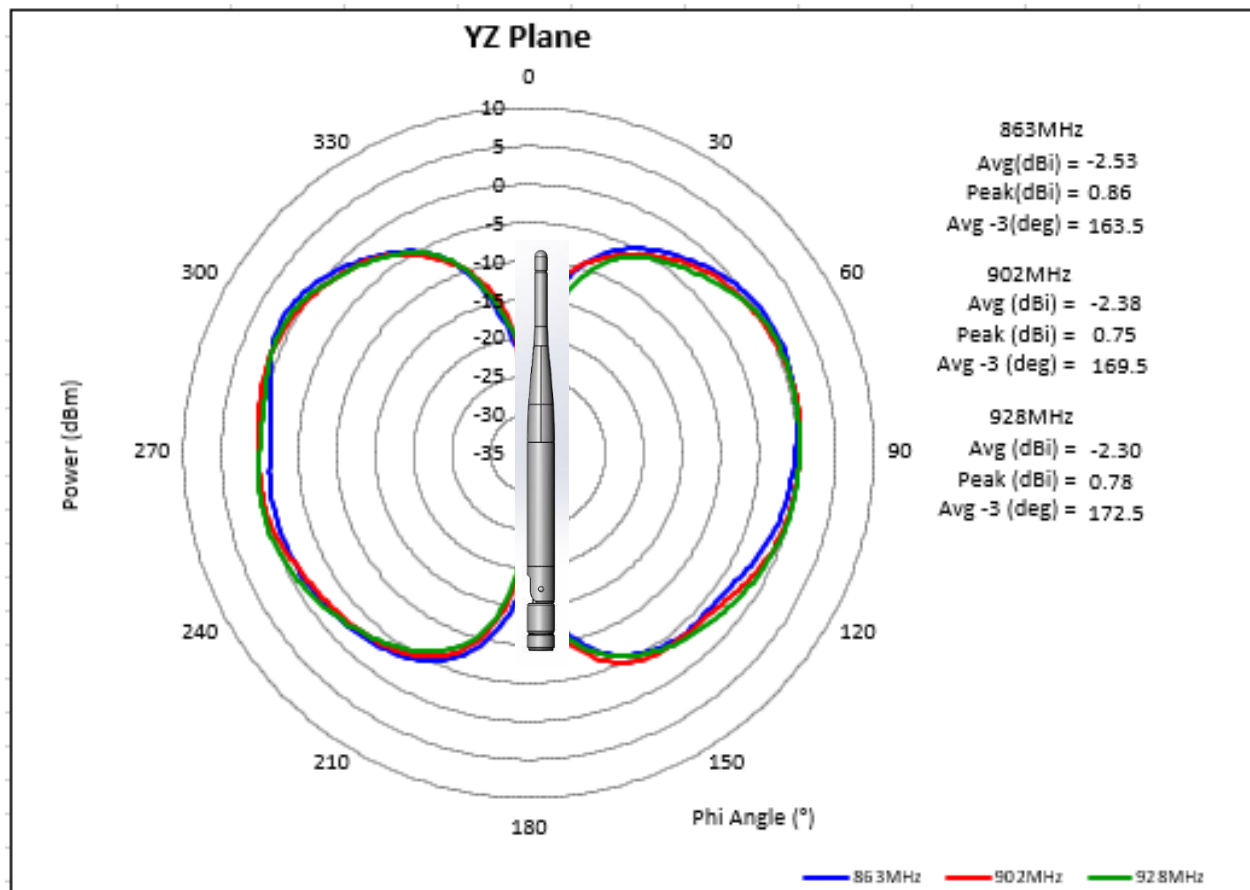
Description: 868-928MHz Swivel Type dipole antenna

Series: Stick Antenna

PART NUMBER: W1063/ W1063M

CHARTS

Free space radiation pattern



Issue: 1837

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: Stick Antenna

Description: 868-928MHz Swivel Type
dipole antenna

PART NUMBER: W1063/ W1063M

PACKAGING

1PCS/PE BAG

250PCS/ carton box

Carton box dimensions (MM): 460x235x140