

Series: Stick Antenna

Description:
779-787MHz Dipole Antenna

PART NUMBER: W1089



Features:

- Antenna type: Dipole
- Frequency 779-787 MHz
- VSWR 2:1
- Gain 1.5 dBi
- Efficiency 75 %
- Length 179 mm
- Connector SMA Male
- IP rating IP65
- RoHS Compliant

Applications:

- 779-787MHz radios
- Lora

All dimensions are in mm / inches

Issue: 1835

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 & Do, KG
Zeppelinstrasse 15
Herrenberg, Germany

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:
779-787MHz Dipole Antenna

PART NUMBER: W1089

ELECTRICAL SPECIFICATIONS

Antenna Type	Half Wave Dipole Antenna
Frequency	779-787 MHz
Nominal Impedance	50 Ω
VSWR	2.0 Max
Radiation Pattern	Omni
Gain	1.5 dBi
Efficiency	>75 %
Polarization	Vertical
Power Withstanding	1 W

MECHANICAL SPECIFICATIONS

Plastic radome	TPEE
Overall Length	179mm/7.047 inches
Weight	16.6g
Antenna Color / Material	Black
Connector type	Straight SMA (male body, male Pin)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40/+85° C
Storage Temperature	-40/+85° C
Ingress Protection	IP65
Salt mist	24hours
RoHS Compliant	Yes

Issue: 1835

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

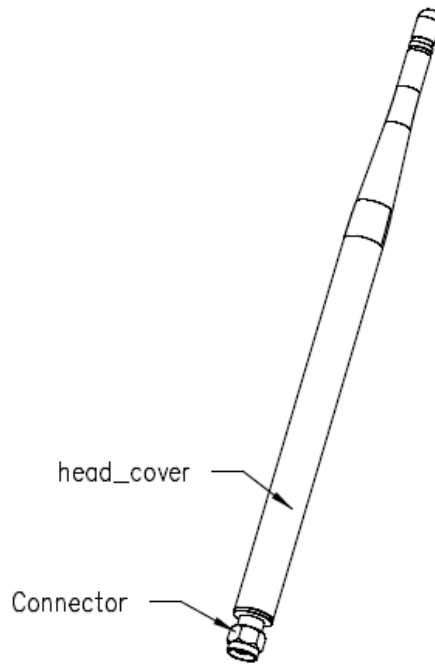
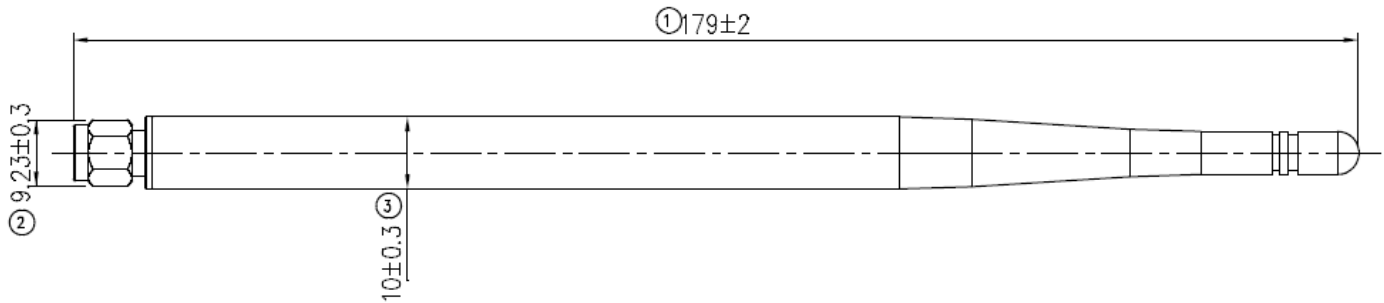
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: Stick Antenna

Description:
779-787MHz Dipole Antenna

PART NUMBER: W1089

MECHANICAL DRAWING



Issue: 1835

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:
779-787MHz Dipole Antenna

PART NUMBER: W1089

CHARTS

Test in free space.



Voltage Standing-Wave Ratio



Issue: 1835

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.

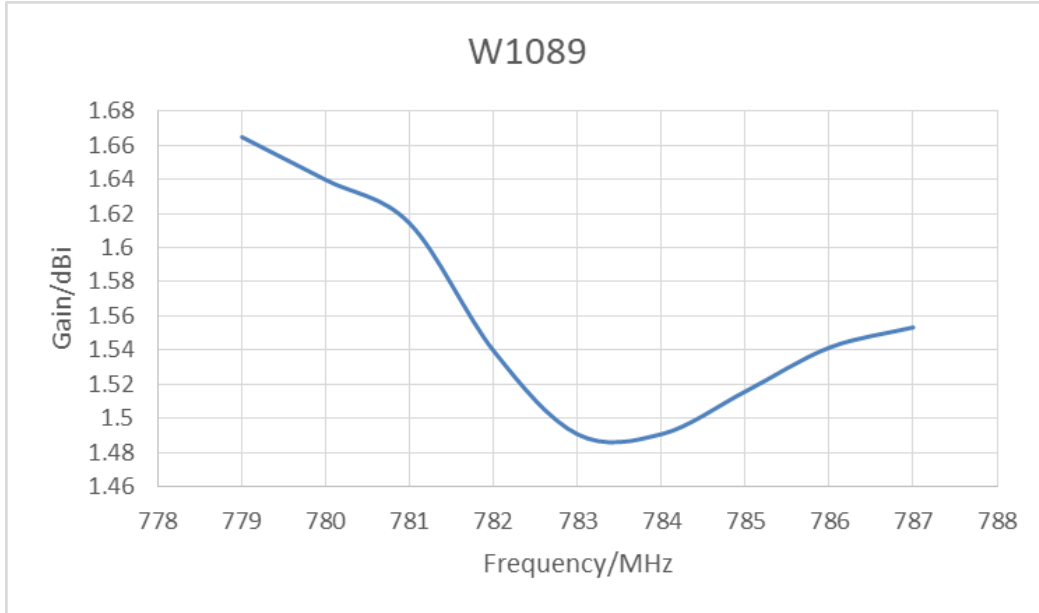
Series: Stick Antenna

Description:
779-787MHz Dipole Antenna

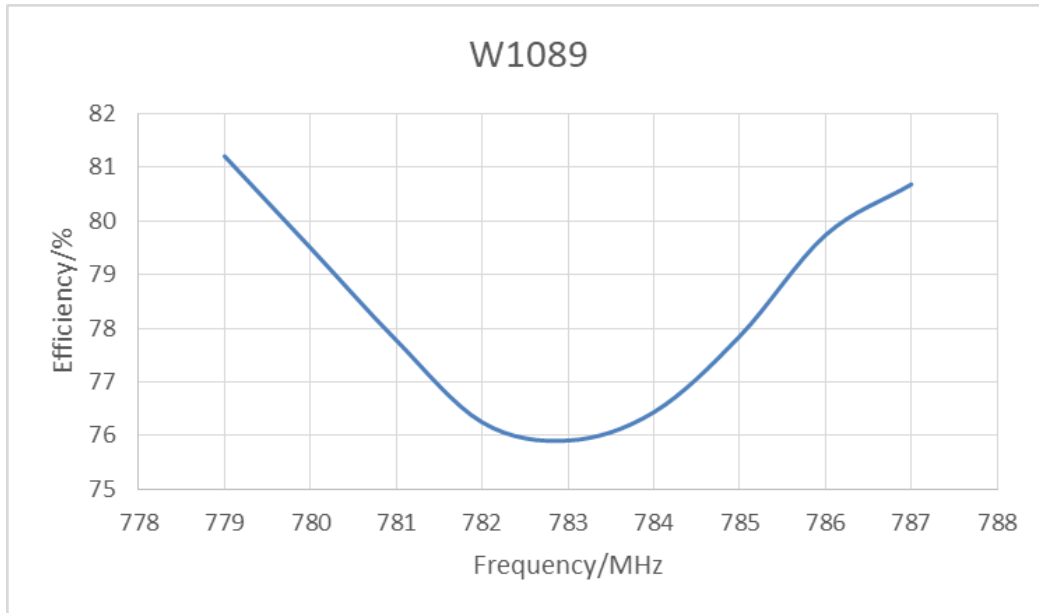
PART NUMBER: W1089

CHARTS

Peak Gain



Radiation Efficiency



Issue: 1835

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.

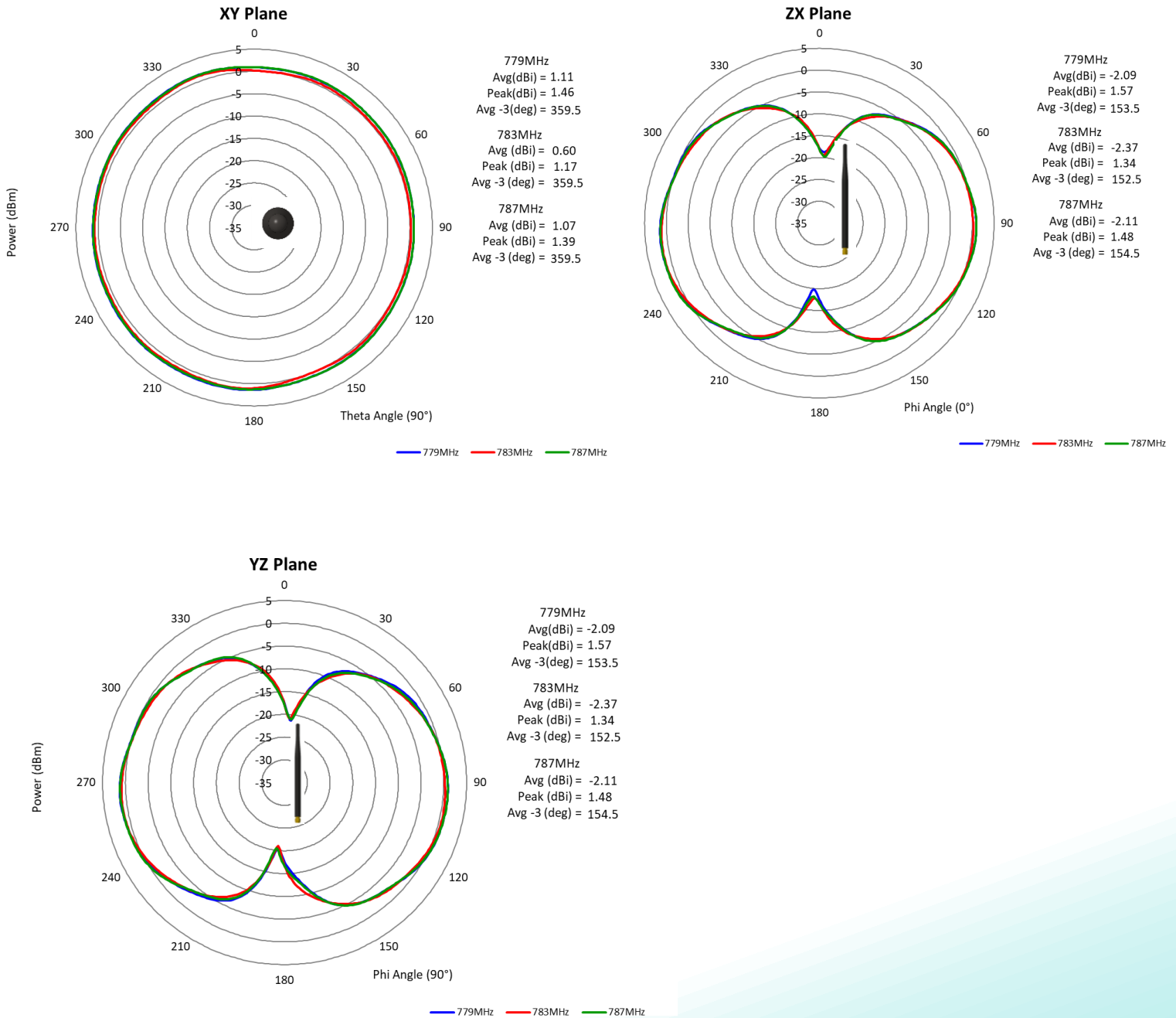
Description:
779-787MHz Dipole Antenna

Series: Stick Antenna

PART NUMBER: W1089

CHARTS

Free Space Radiation Patterns



Issue: 1835

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:
779-787MHz Dipole Antenna

PART NUMBER: W1089

PACKAGING

Quantity:

10pcs Antenna Per PE bag

600 pcs Antenna Per Box

单击下面可查看定价，库存，交付和生命周期等信息

[>>Pulse\(普思\)](#)