TECHNICAL DATA SHEET

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT



All dimensions are in mm / inches

Features:

- Omnidirectional antenna
- Gain 5dBi
- Polarization Vertical
- Connector N-female
- IP67
- Mounting hardware included

Applications:

- 860-960MHz radios
- ISM 868 / 915MHz
- Rugged outdoor installations

Issue: 1701

RoHS COMPLIANT

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
12220 World Trade Drive
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
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

PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

ELECTRICAL SPECIFICATIONS

Antenna type	Collinear dipole array
Frequency	860-930 MHz
Nominal Impedance	50 Ω
VSWR	2:1
Gain	5 dBi
Efficiency	65 % Min
HPBW H-Plane	360 °
HPBW E-Plane	22 °
Polarization	Vertical
ESD Protection	DC Grounded
Power withstanding	50 W
Connector type	N-Female
Mounting Hardware	L-Bracket / V-Bolts

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.

RoHS COMPLIANT

PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

MECHANICAL SPECIFICATIONS

Plastic radome	Pultruded Fiberglass
Color	White
Ingress Protection	IP67
Weight, Antenna + Mounting Hardware	703 g
Wind-loading	201.2 kph (125 mph)
Antenna Length	812.4 mm
Overall Length with Bracket	916.3 mm

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-40 to +85° C

OTHER SPECIFICATIONS

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.

RoHS COMPLIANT

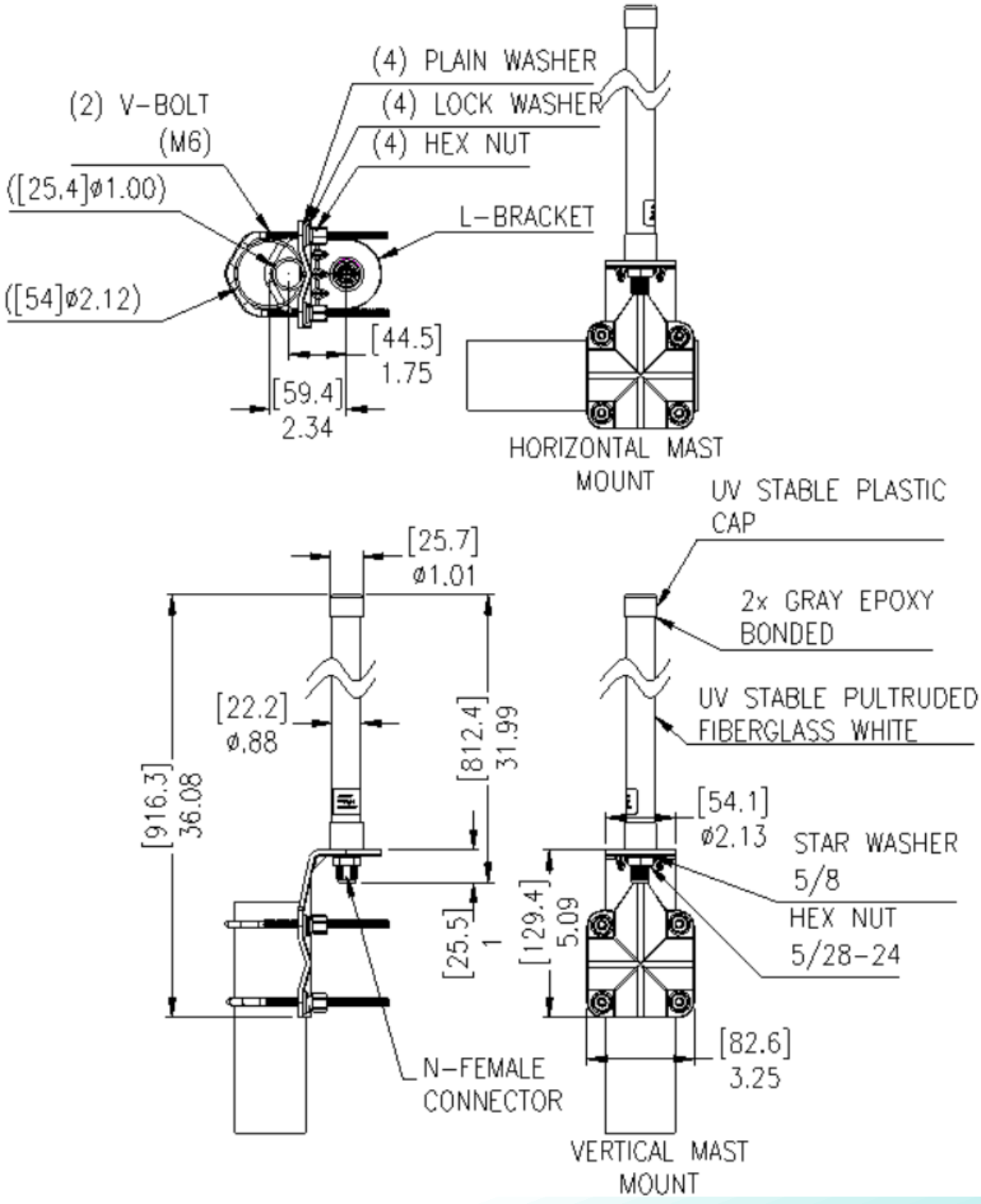
PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

MECHANICAL DRAWING



Issue: 1701 DRAFT JeaniFei

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.

RoHS COMPLIANT

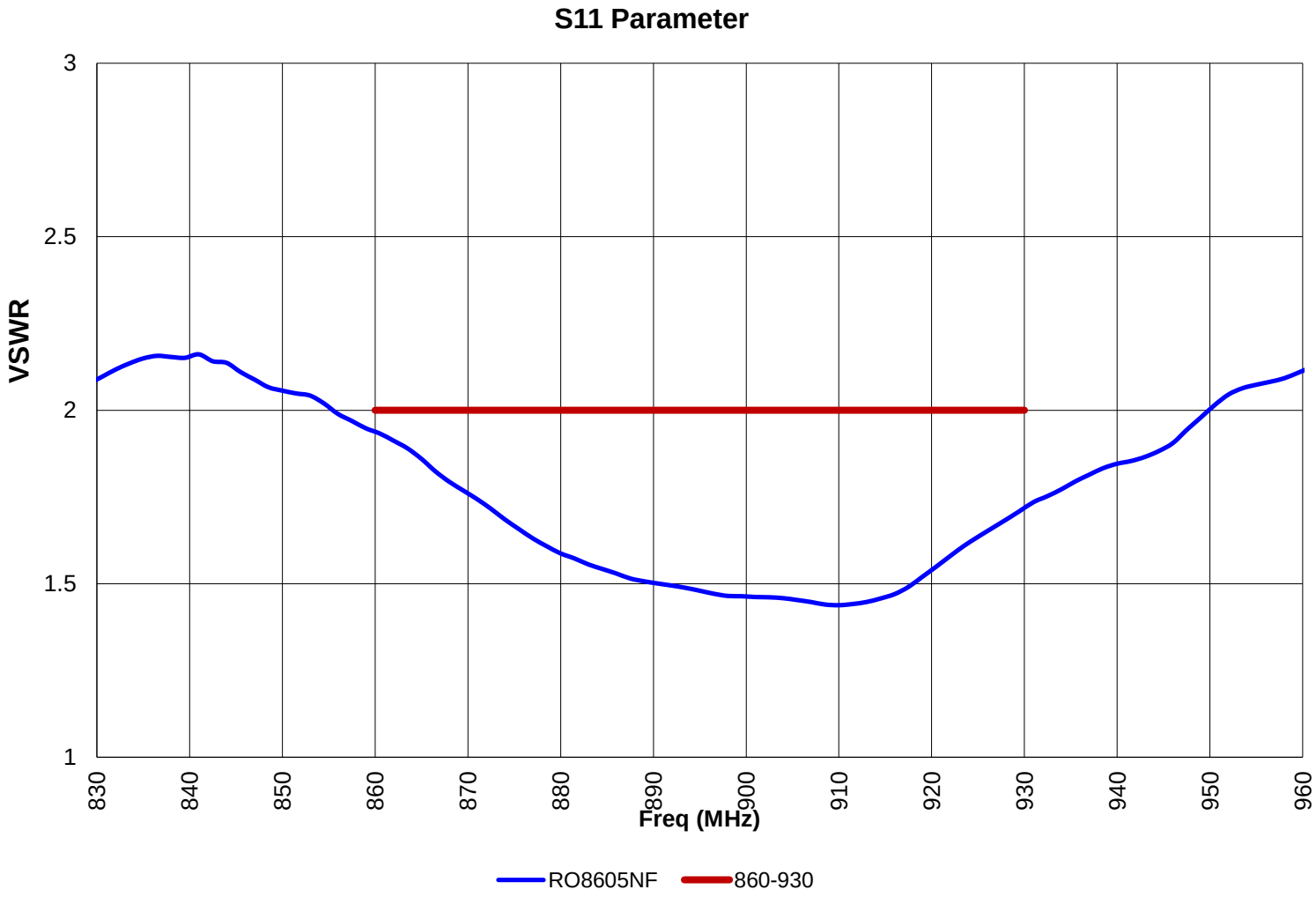
PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

CHARTS



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.

RoHS COMPLIANT

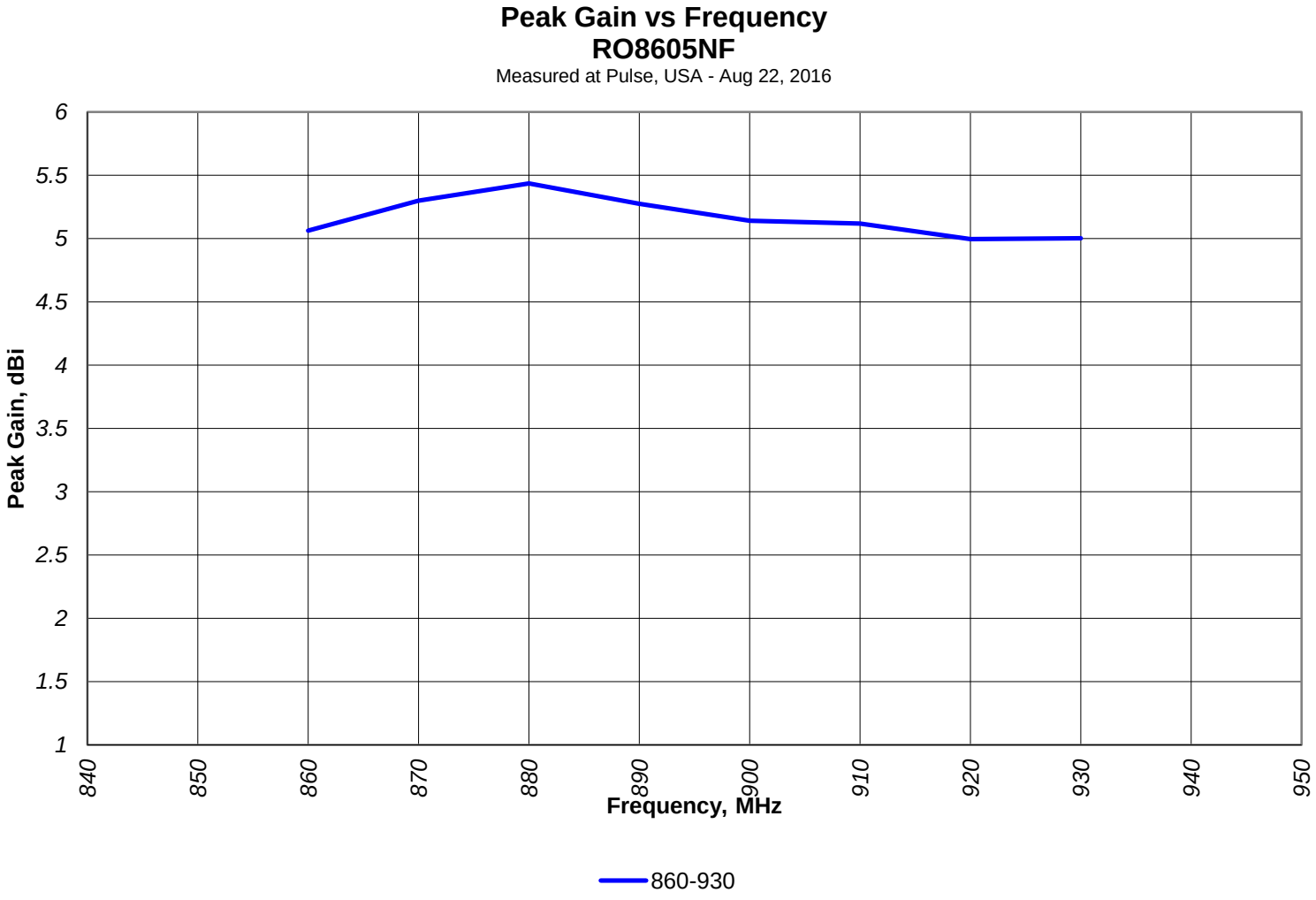
PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

CHARTS



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.

RoHS COMPLIANT

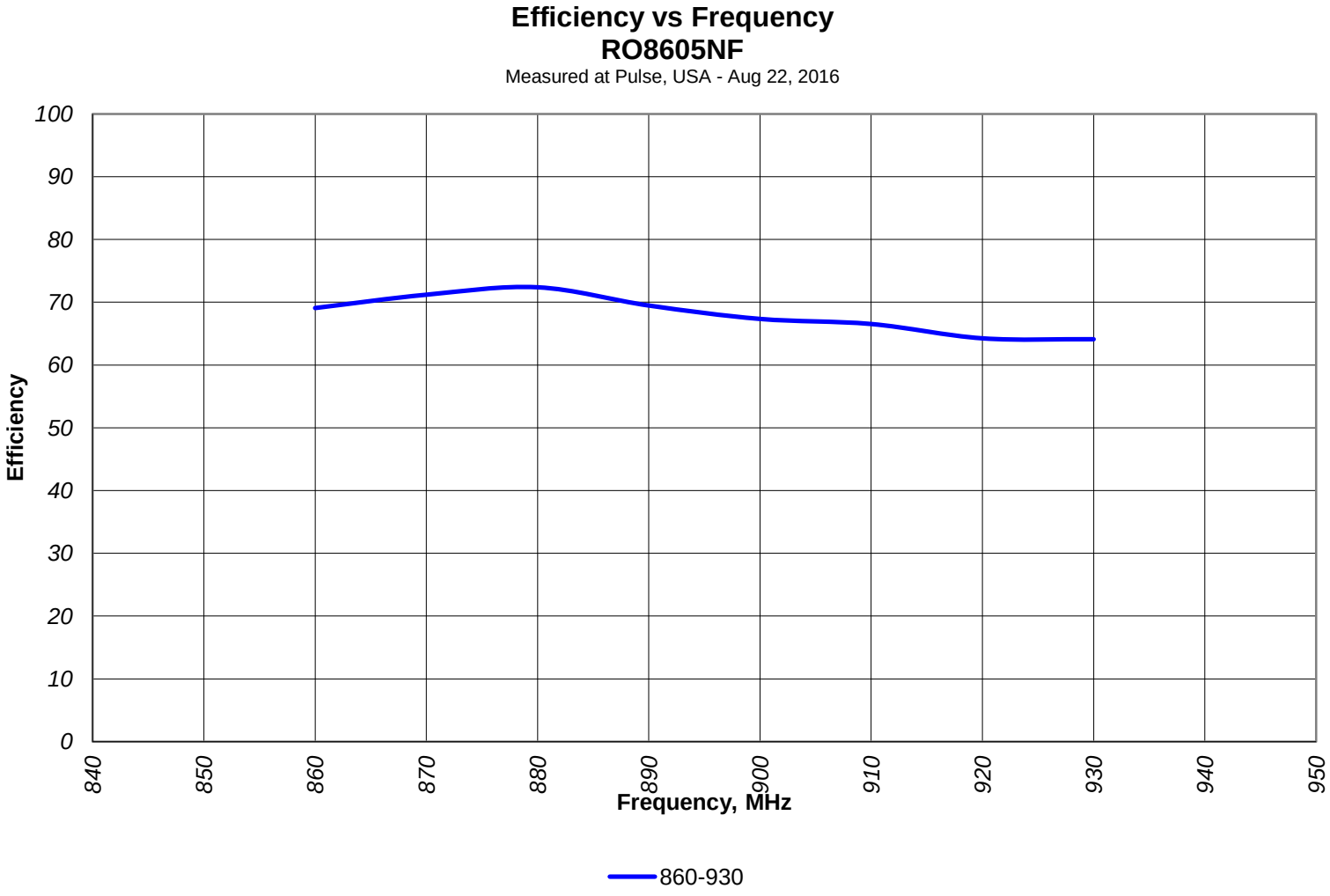
PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

CHARTS



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.

RoHS COMPLIANT

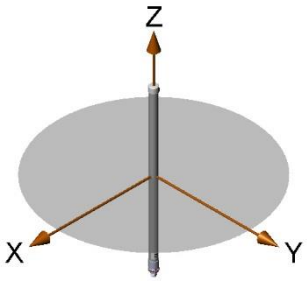
PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

CHARTS



860
Avg (dBi) = 4.91
Peak (dBi) = 5.06
Avg -3 (deg) = 360

890
Avg (dBi) = 5.13
Peak (dBi) = 5.28
Avg -3 (deg) = 360

930
Avg (dBi) = 4.86
Peak (dBi) = 5.01
Avg -3 (deg) = 360

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.

RoHS COMPLIANT

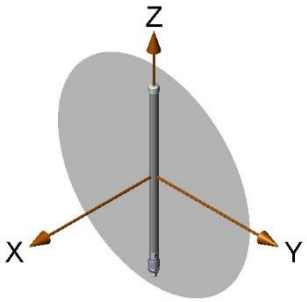
PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

CHARTS



860
Avg (dBi) = -11.36
Peak (dBi) = 5.02
Avg -3 (deg) = 22

890
Avg (dBi) = -12.07
Peak (dBi) = 5.26
Avg -3 (deg) = 22

930
Avg (dBi) = -12.50
Peak (dBi) = 5.10
Avg -3 (deg) = 22

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.

RoHS COMPLIANT

PulseLARSEN Antennas

Description: RO,5 dBi, 860-930MHz,NF With Mounting Hardware

Series: Radome Omni

PART NUMBER: RO8605NFKIT

PACKAGING

Pack each Antenna, Bracket and instruction in PE bag, 40 sets in one carton box with one big PE bag

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.
RoHS COMPLIANT