

Description: RO, 5dBi, 860-930MHz, NF

Series: Radome Omni

PART NUMBER: RO8605NFC



Features:

- Omnidirectional antenna
- Gain 5dBi
- Polarization Vertical
- Connector N-female
- Length 812.4mm
- Power withstanding 50W
- IP67

Applications:

- 860-960MHz radios
- ISM 868 / 915MHz

All dimensions are in mm / inches

Issue:2513

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



Description: RO, 5dBi, 860-930MHz, NF**Series: Radome Omni****PART NUMBER: RO8605NFC****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

Description: RO, 5dBi, 860-930MHz, NF

Series: Radome Omni

PART NUMBER: RO8605NFC

MECHANICAL SPECIFICATIONS

Plastic radome	Pultruded Fiberglass
Color	White
Ingress Protection	IP67
Weight	275 g
Wind-loading	201.2 kph (125 mph)
Antenna Length	812.4 mm

ENVIRONMENTAL SPECIFICATIONS

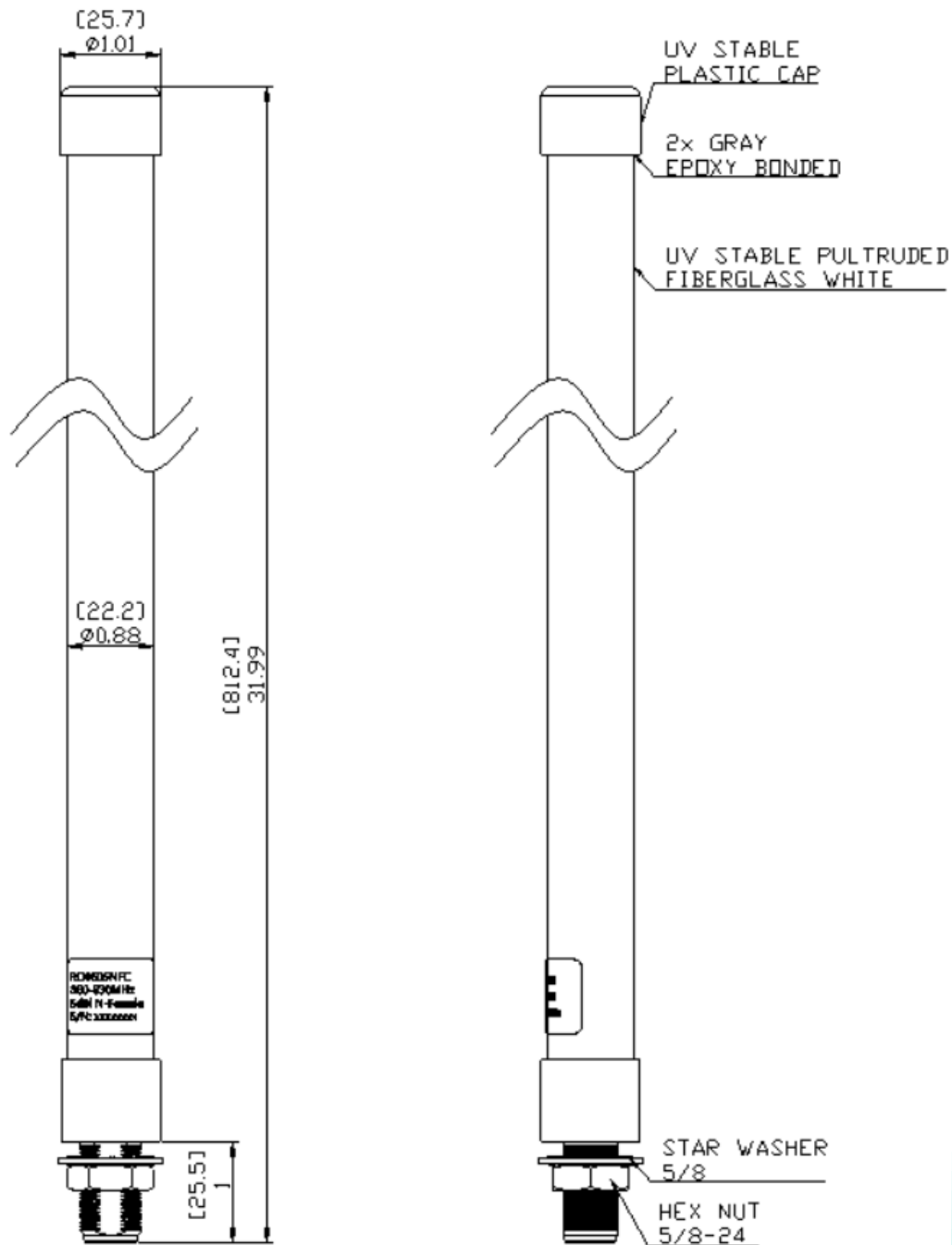
Operating temperature	-40 to +85° C
-----------------------	---------------

Description: RO, 5dBi, 860-930MHz, NF

Series: Radome Omni

PART NUMBER: RO8605NFC

MECHANICAL DRAWING



Issue:2513

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.

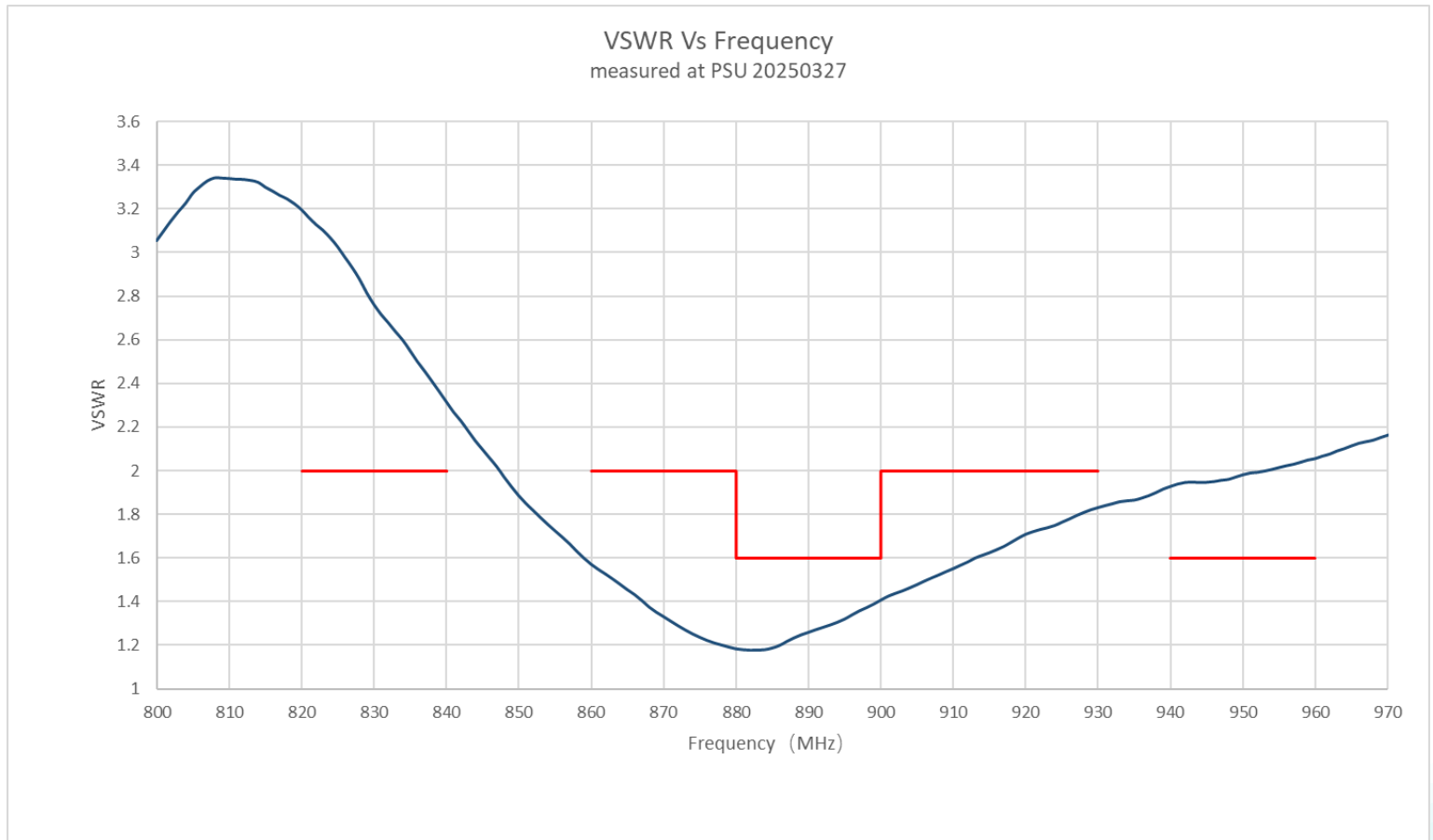
Description: RO, 5dBi, 860-930MHz, NF

Series: Radome Omni

PART NUMBER: RO8605NFC

CHARTS

S11-parameter



Issue:2513

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: RO, 5dBi, 860-930MHz, NF

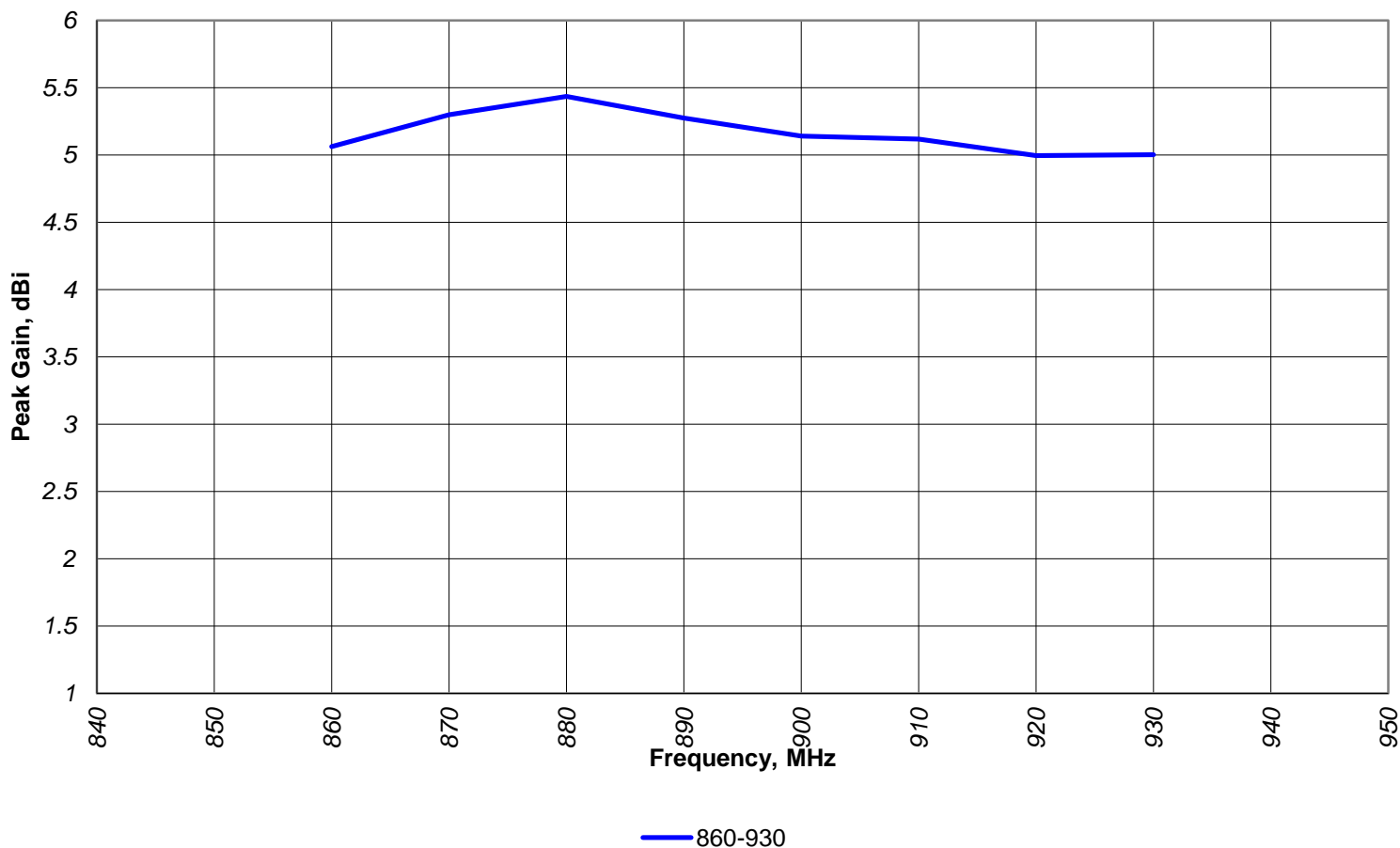
Series: Radome Omni

PART NUMBER: RO8605NFC

CHARTS

Peak Gain vs Frequency
RO8605NF

Measured at Pulse, USA - Aug 22, 2016



Issue:2513

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: RO, 5dBi, 860-930MHz, NF

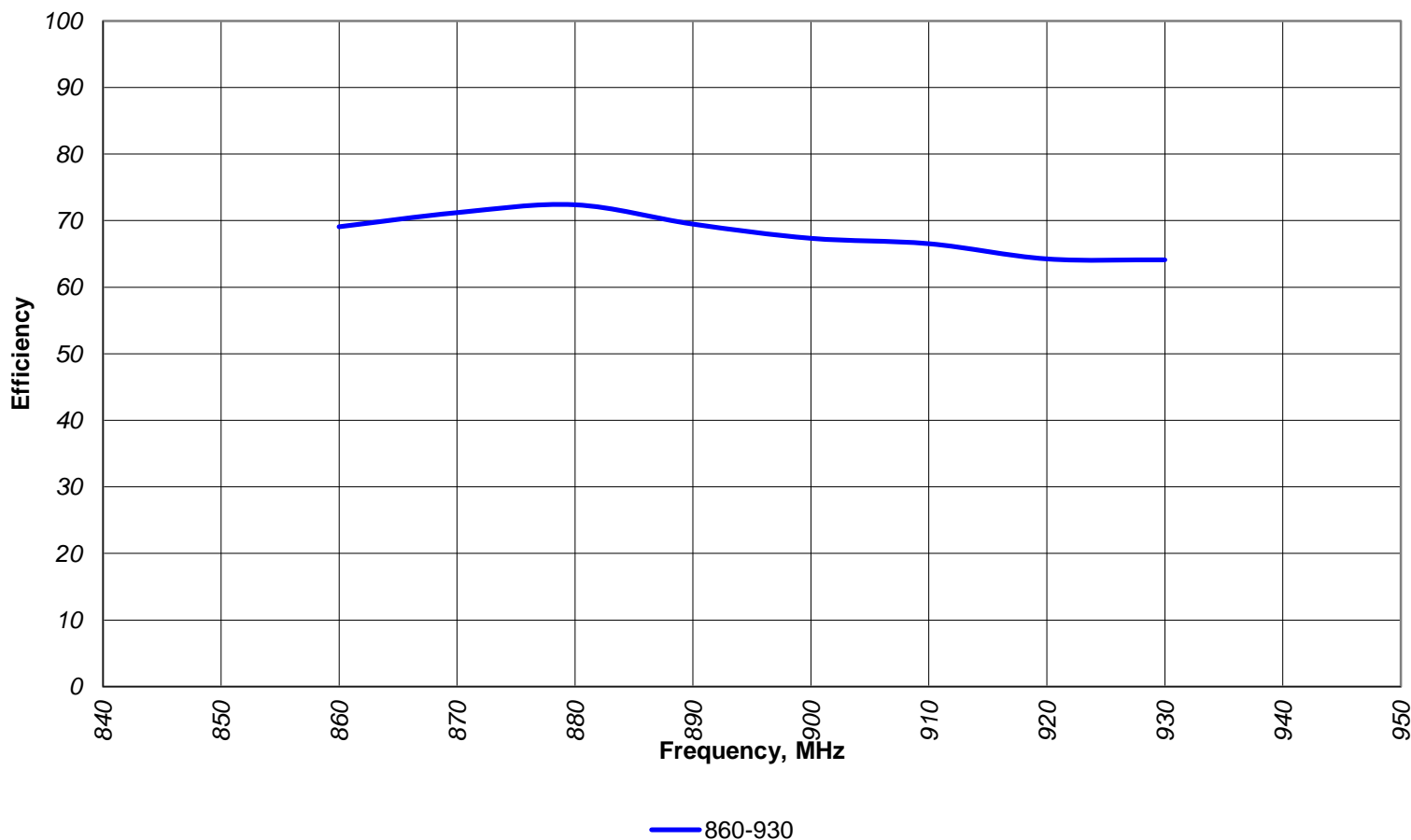
Series: Radome Omni

PART NUMBER: RO8605NFC

CHARTS

Efficiency vs Frequency RO8605NF

Measured at Pulse, USA - Aug 22, 2016



Issue:2513

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

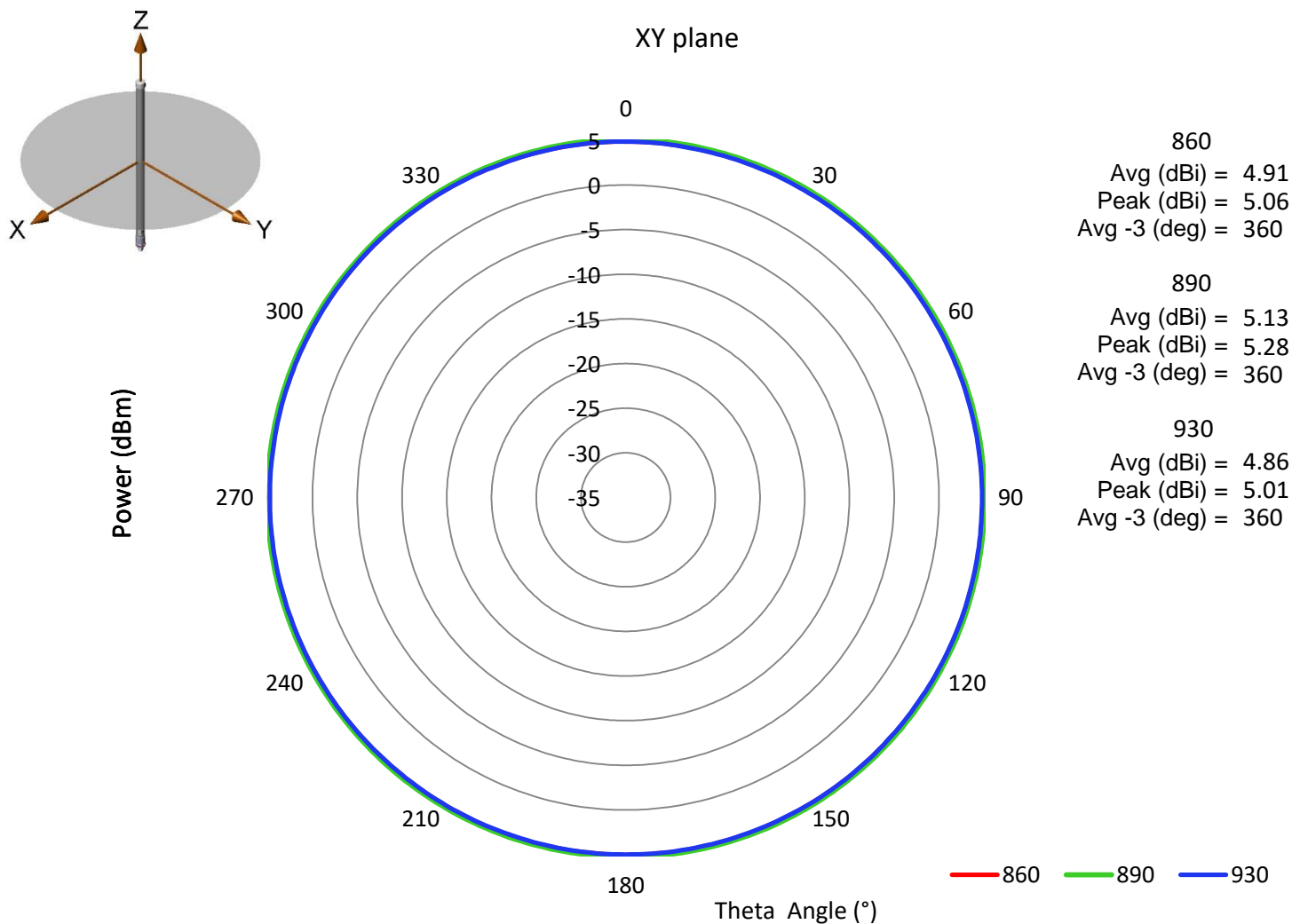
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Description: RO, 5dBi, 860-930MHz, NF

Series: Radome Omni

PART NUMBER: RO8605NFC

CHARTS



Issue:2513

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

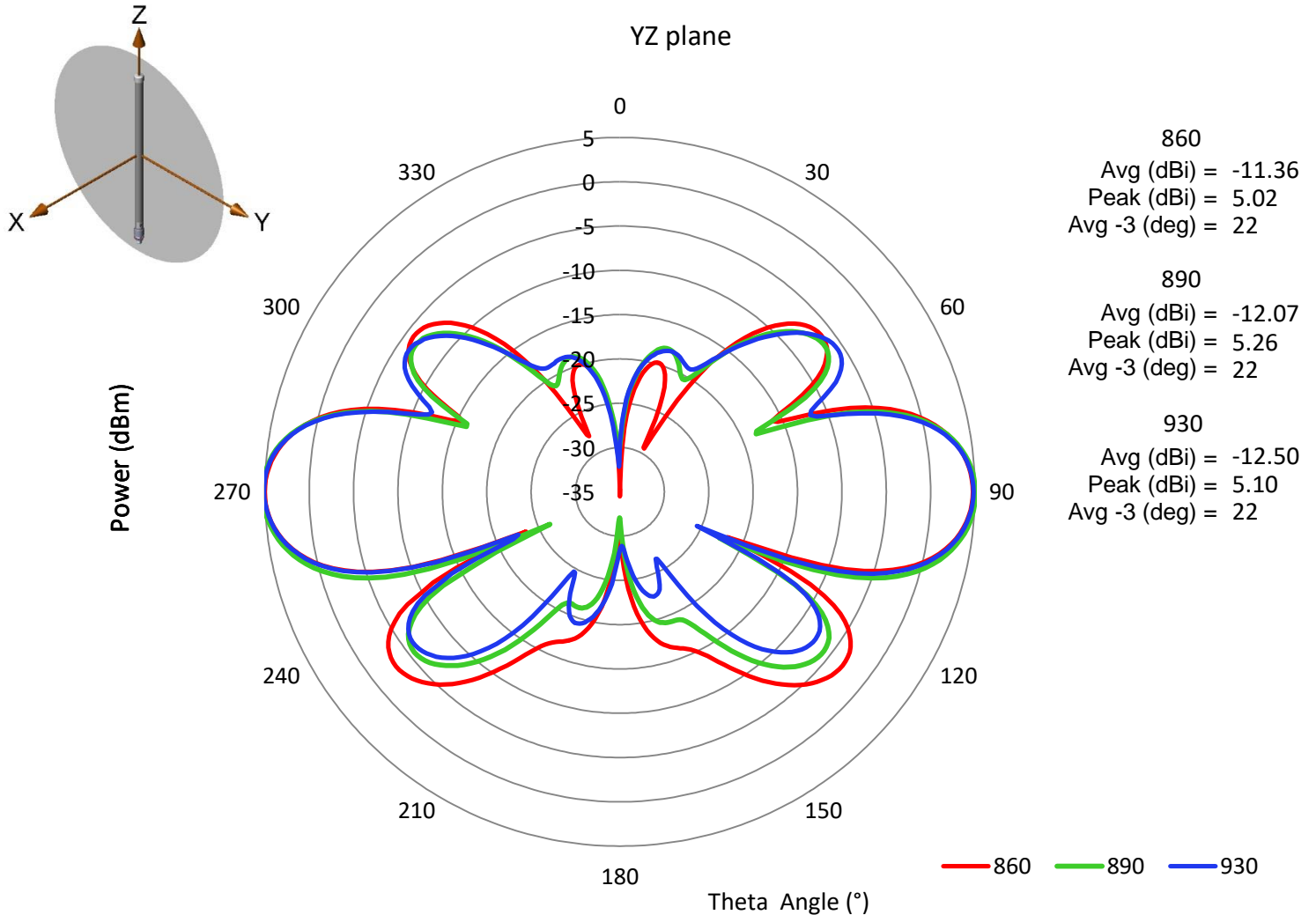
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Description: RO, 5dBi, 860-930MHz, NF

Series: Radome Omni

PART NUMBER: RO8605NFC

CHARTS



Issue:2513

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: RO, 5dBi, 860-930MHz, NF**Series: Radome Omni****PART NUMBER: RO8605NFC**

PACKAGING

Package Material Details:

1. Each product comes with a small cardboard box;
2. External matching with a large cardboard box, total quantity: 28Pcs;
3. Pack each Antenna in PE bag;