

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

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

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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 34<sup>th</sup> 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,4<sup>th</sup> 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 $\Omega$
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**

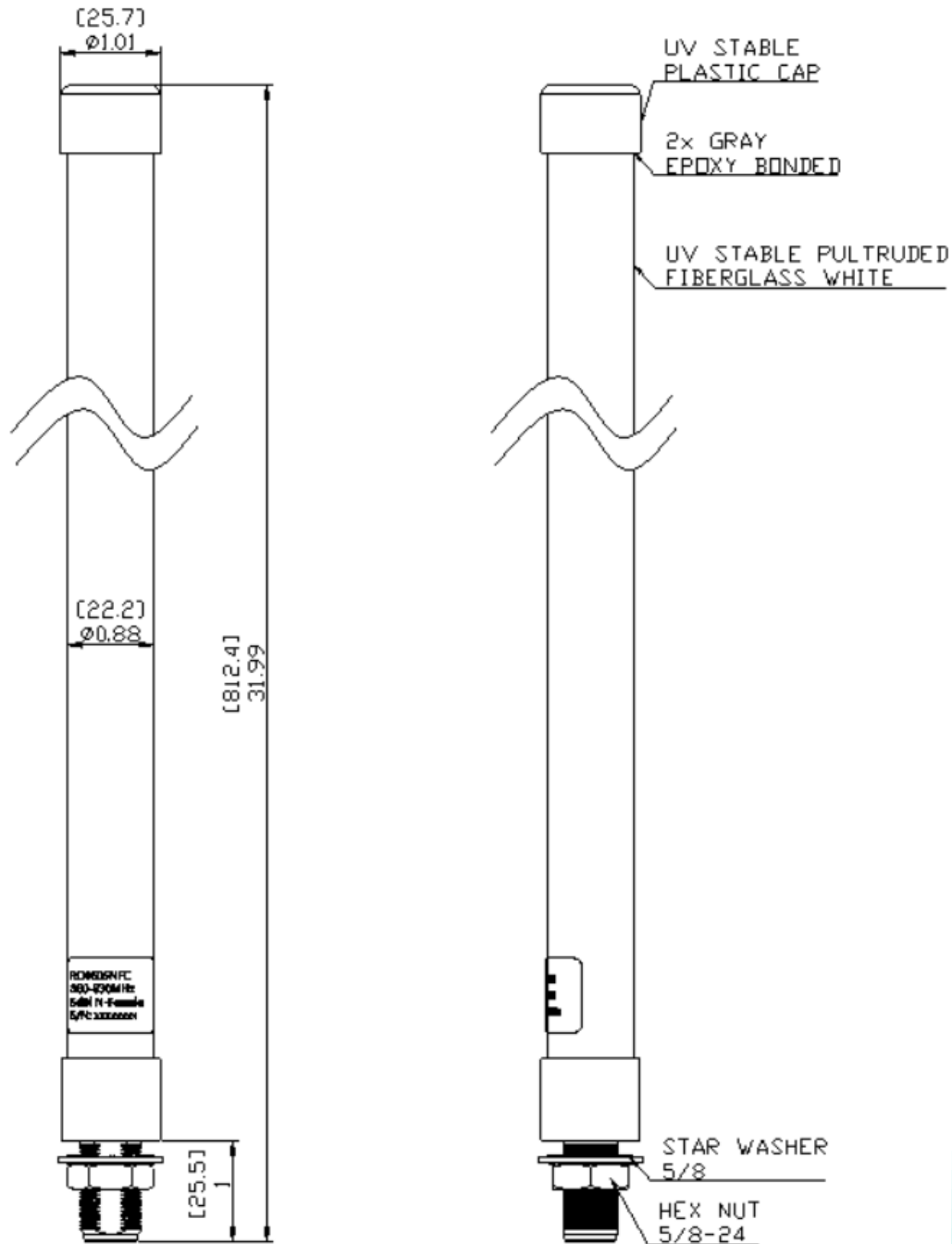
Operating temperature	-40 to +85° C
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MECHANICAL DRAWING



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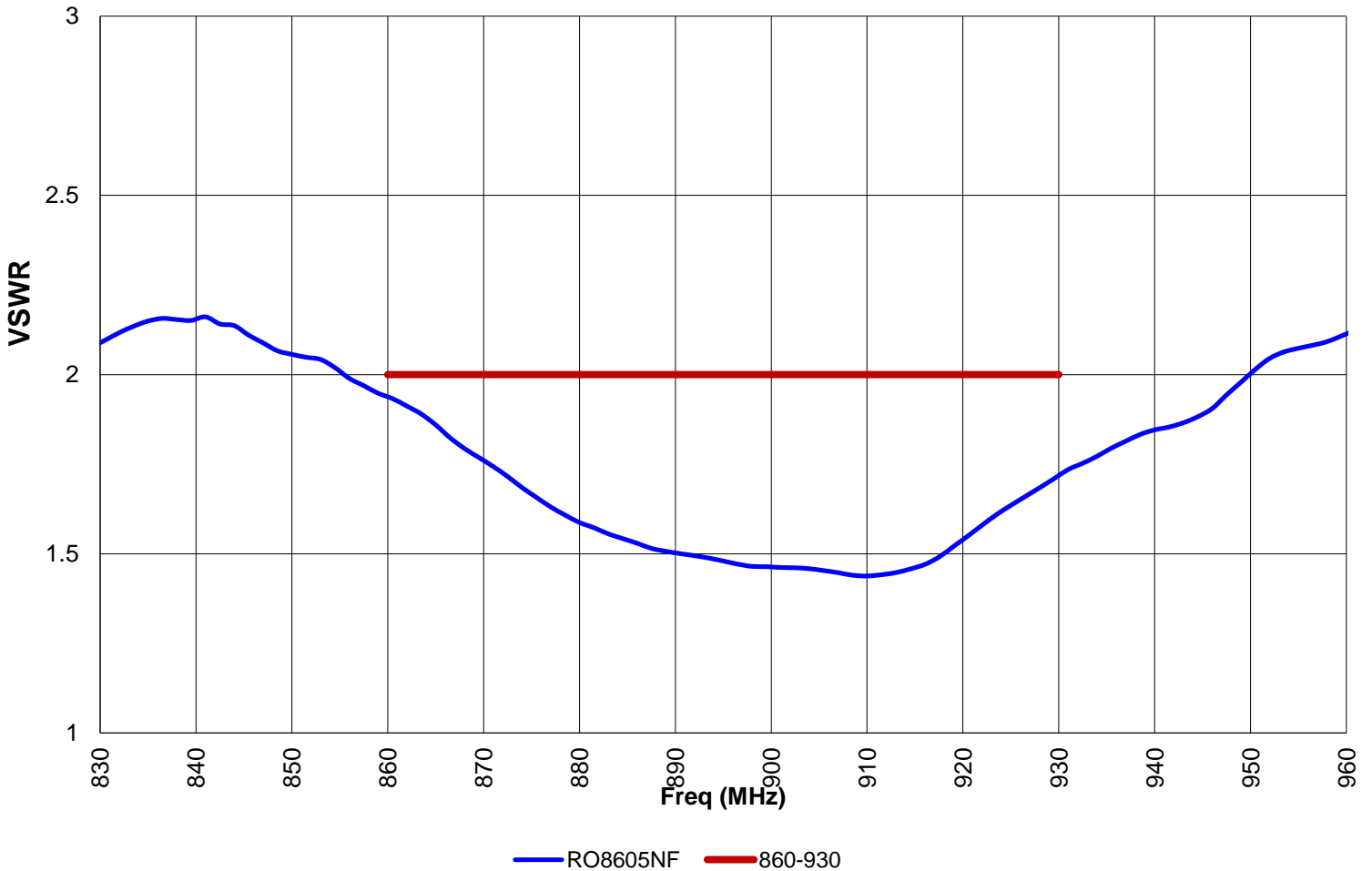
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CHARTS

S11 Parameter



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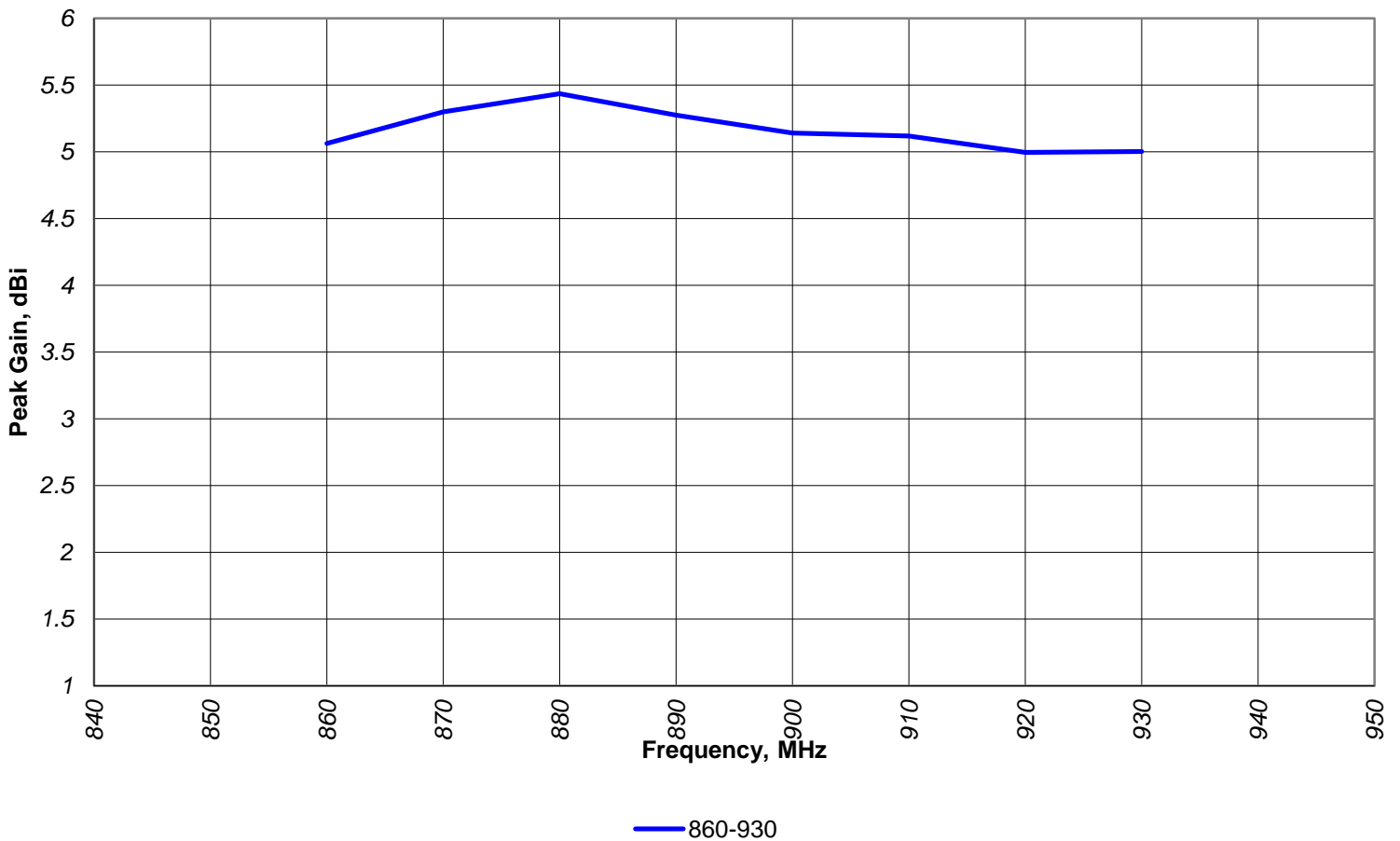
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CHARTS

Peak Gain vs Frequency  
RO8605NF

Measured at Pulse, USA - Aug 22, 2016



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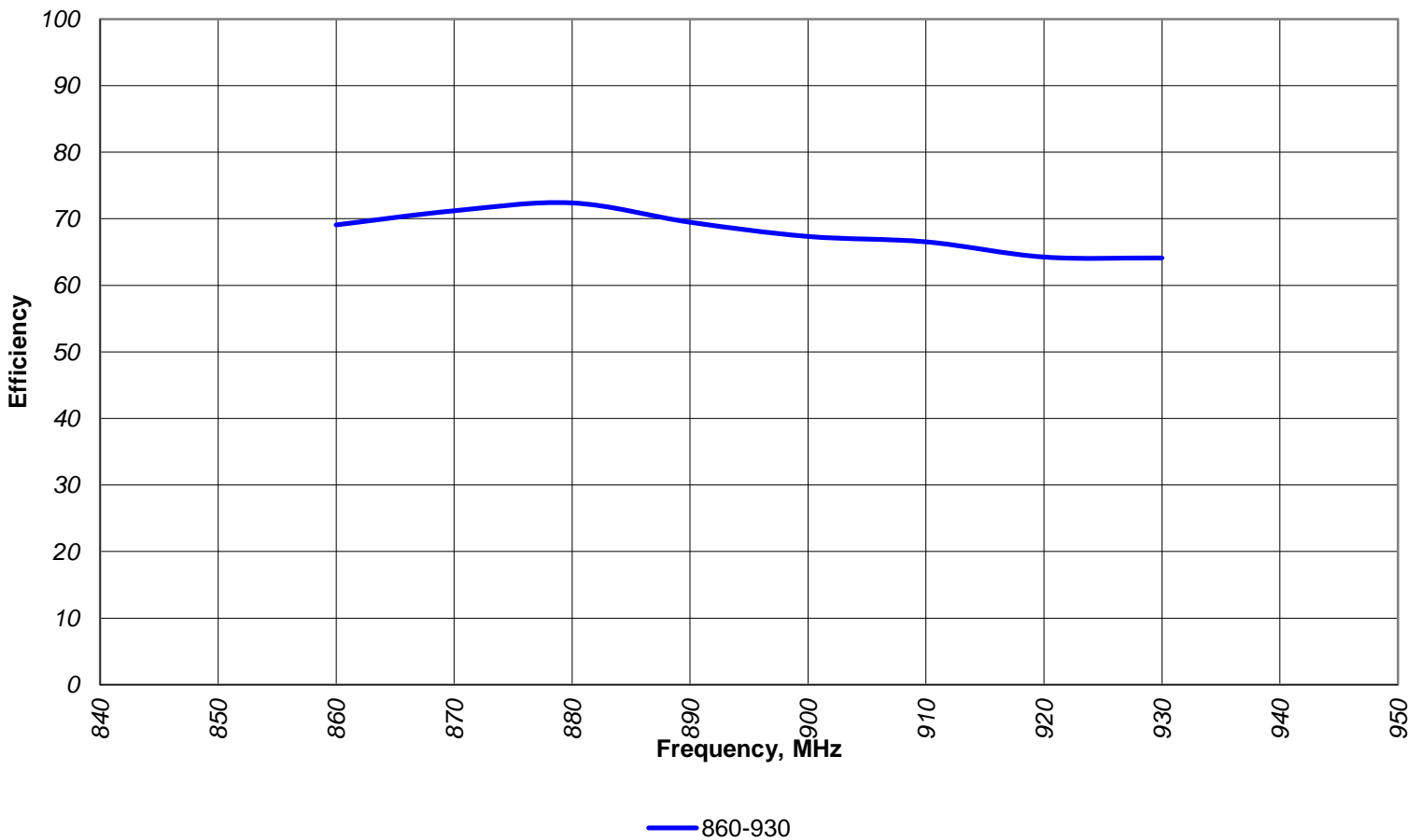
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CHARTS

Efficiency vs Frequency  
RO8605NF

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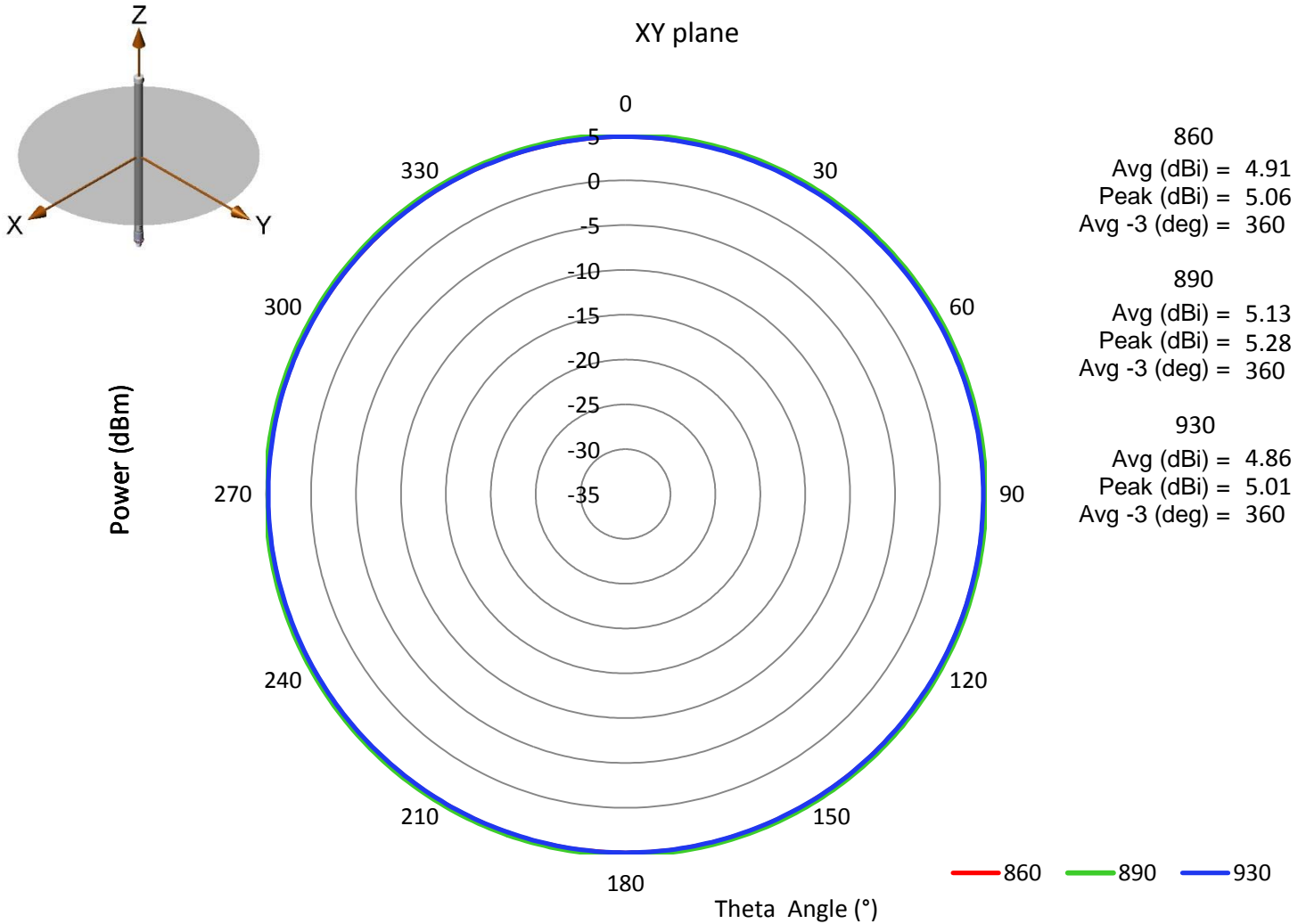


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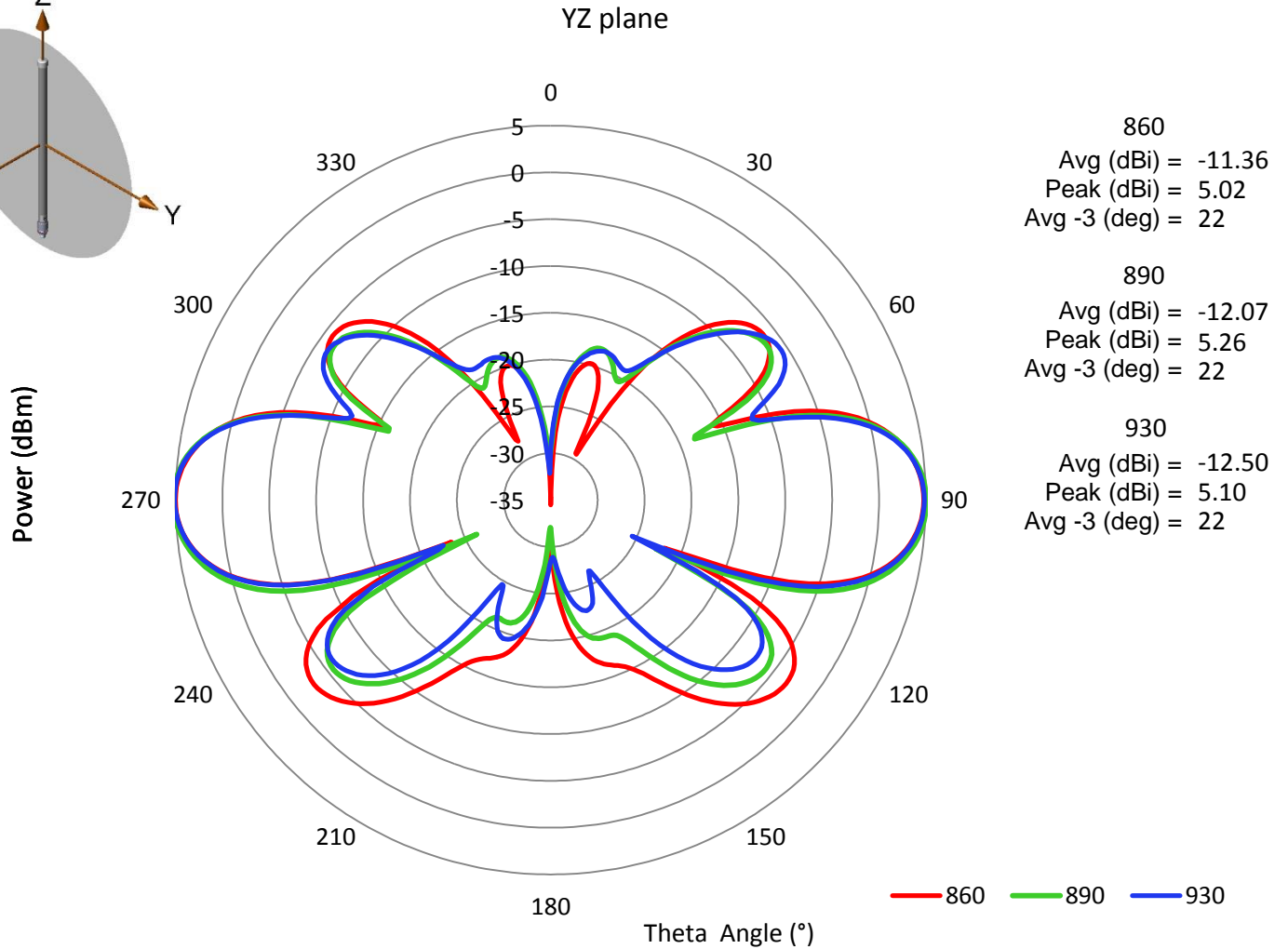
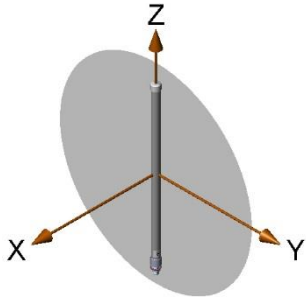


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## PACKAGING

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

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