TECHNICAL DATA SHEET

Description: 1.6dBi, 217-222MHz With mounting hardware

Series: Radome Omni

PART NUMBER: RO2202NFKIT

Features:

- Kit of Antenna + Bracket
- Omnidirectional antenna
- Gain 1.6dBi
- Polarization Vertical
- Connector N-female
- IP67
- Bracket mounts to either Horizontal or Vertical pipe

Applications:

- 217-222MHz Radios
- Utilities
- SCADA Railway / PTC
- IoT

Issue: 1911

RoHS COMPLIANT

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
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
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

Pulse | LARSEN Antennas
A YAGEO Company

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ELECTRICAL SPECIFICATIONS

Antenna type	1/2 wave (ground plane, not required)
Frequency	217-222 MHz
Nominal Impedance	50 Ω
VSWR	1.5:1
Gain	1.6 dBi
Efficiency	90%
Radiation Pattern	Omni
HPBW / E-Plane	81°
Polarization	Vertical
Power withstanding	40 W
Connector type	N-Female

MECHANICAL SPECIFICATIONS

Overall Length	837.9mm
Weight	478g
Antenna Color / Material protected	White/Polyester/fiberglass–UV
Mounting hardware nuts & washers	Cast aluminum bracket , V-bolts,

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40 ~ +85° C
Ingress Protection	IP67
Wind-loading	202.2 km/h (125 mph)
RoHS Compliant	Yes

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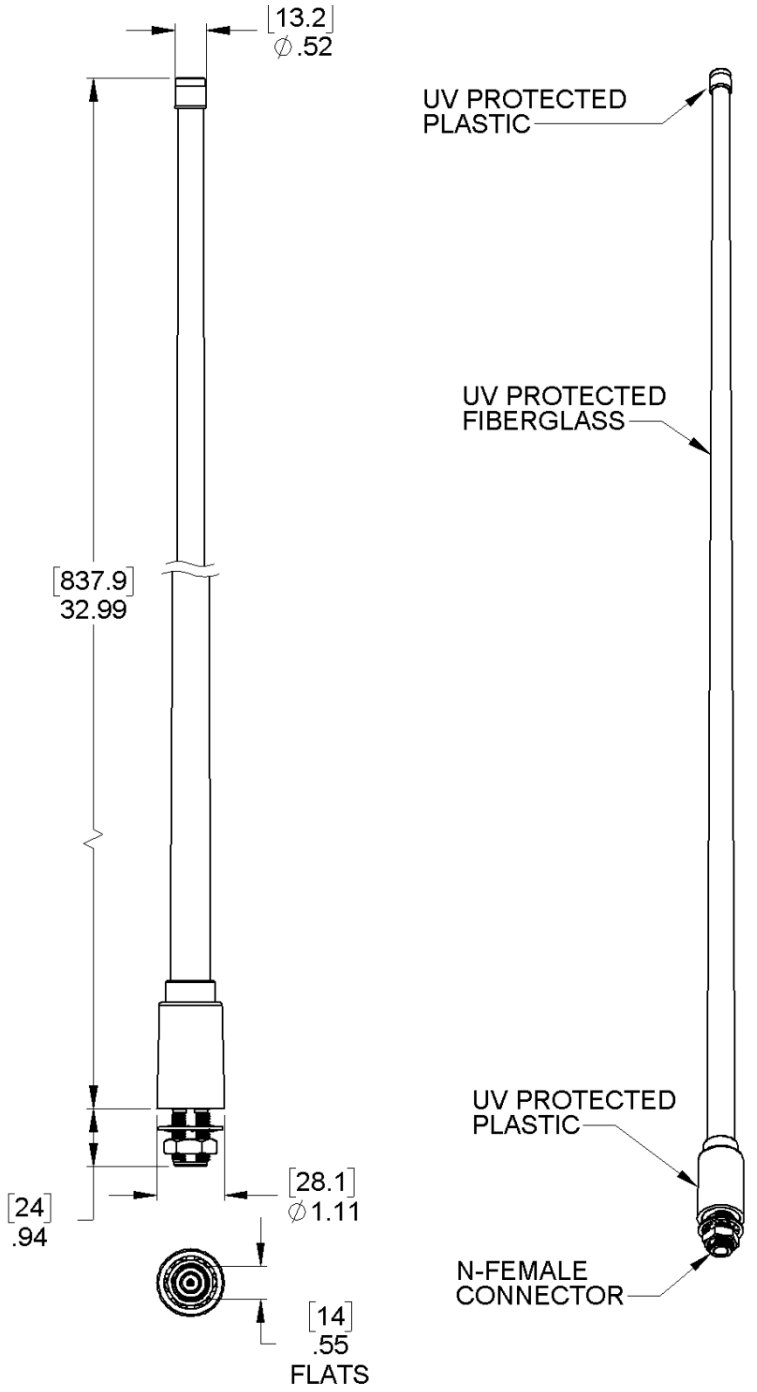
MECHANICAL DRAWING



All dimensions are in mm / inches

Issue: 1911

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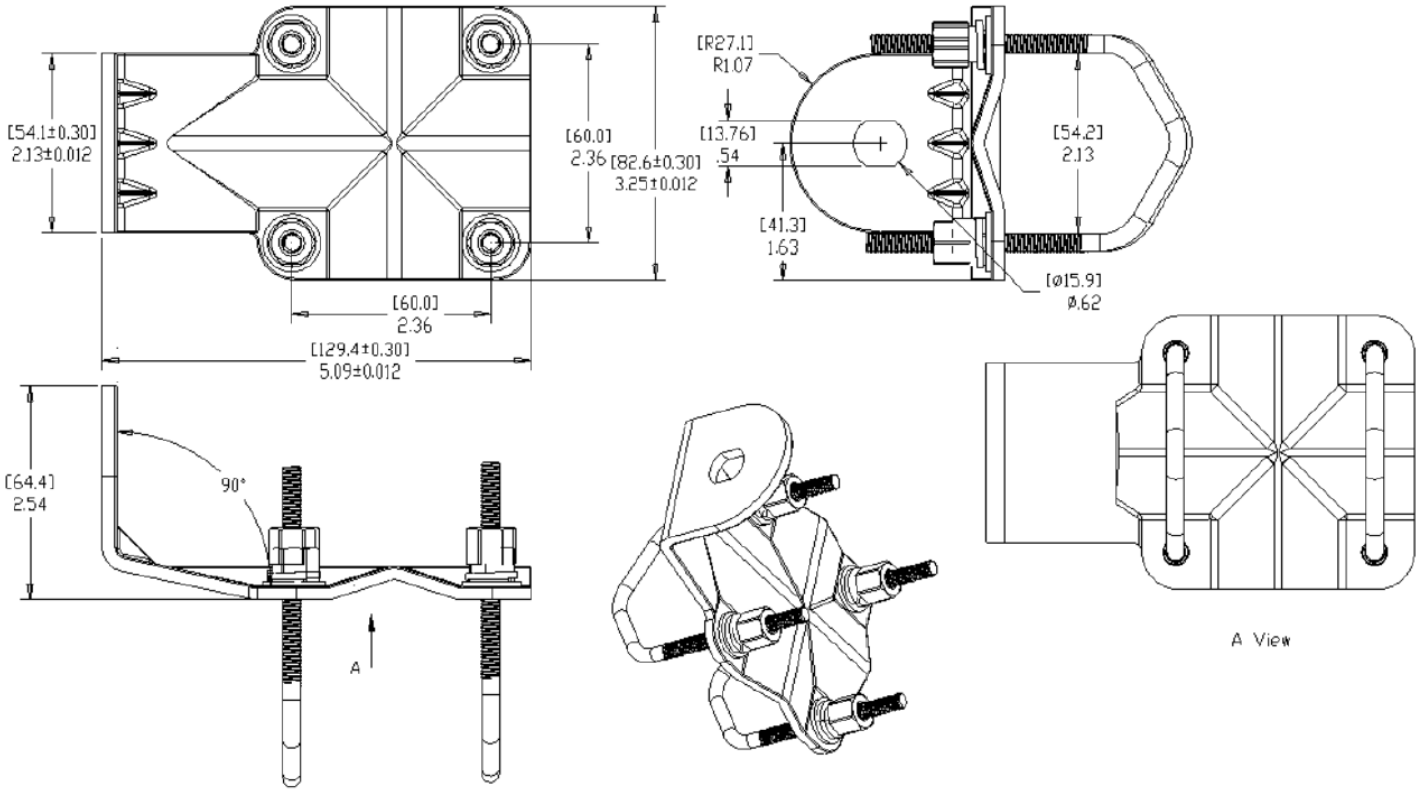

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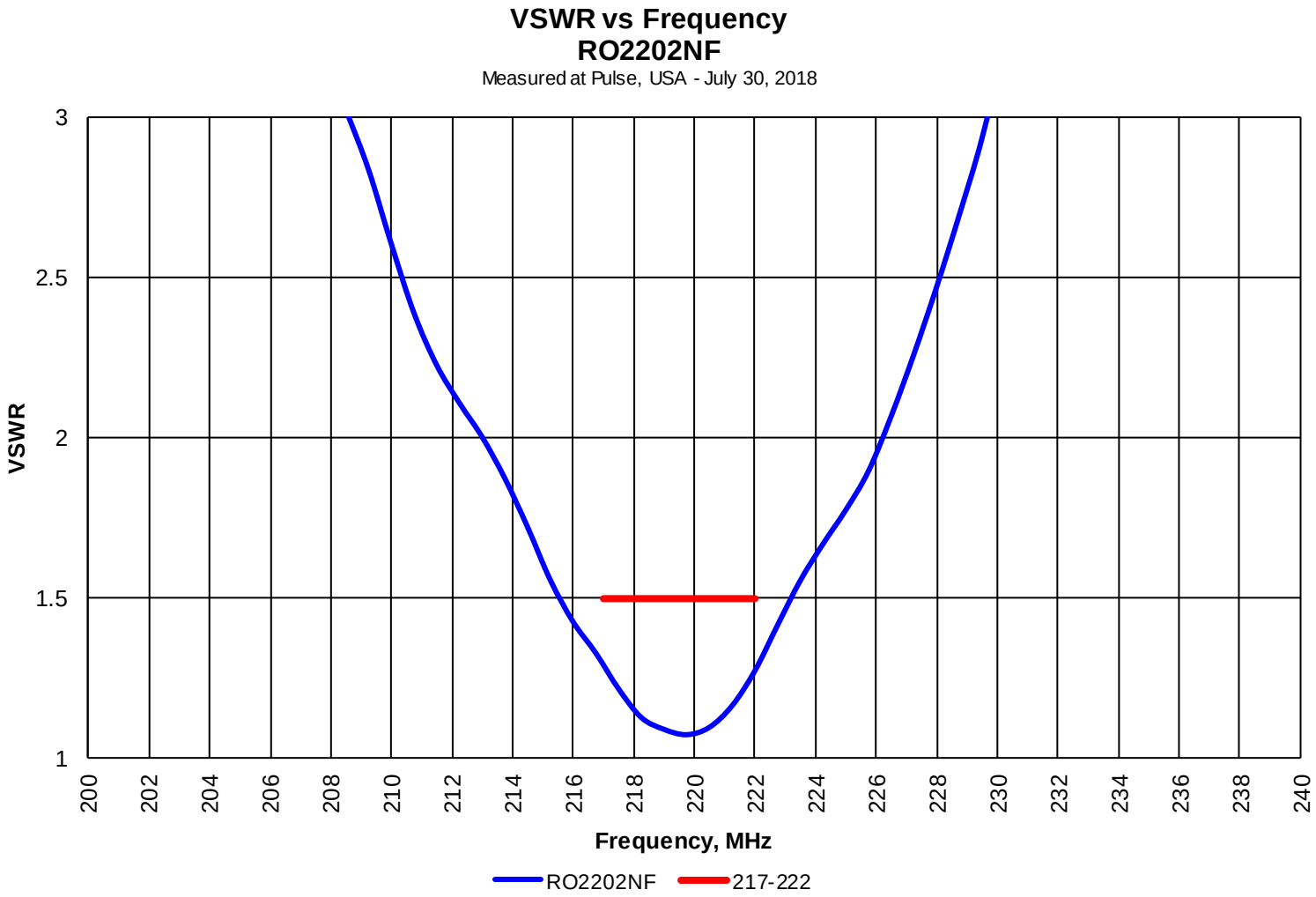
CHARTS



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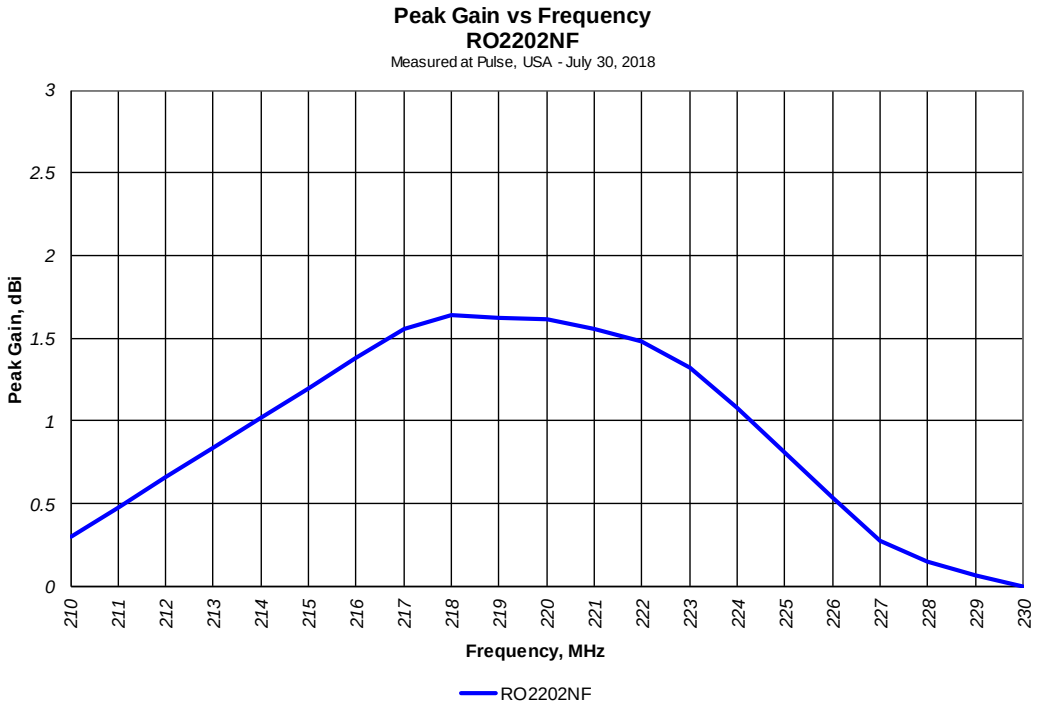

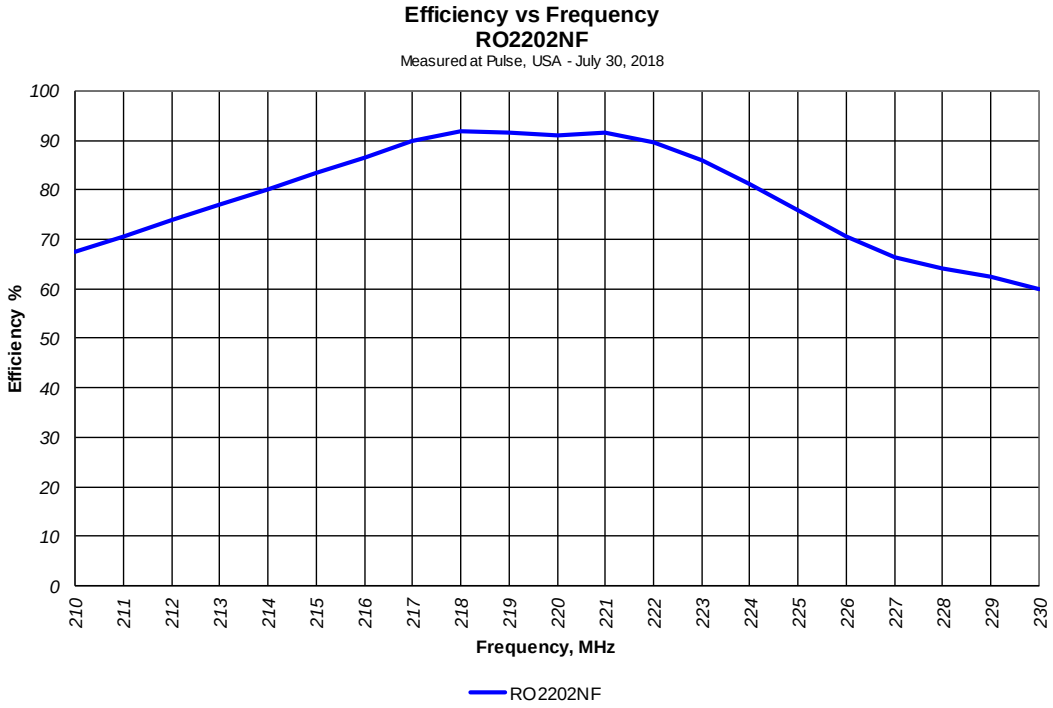

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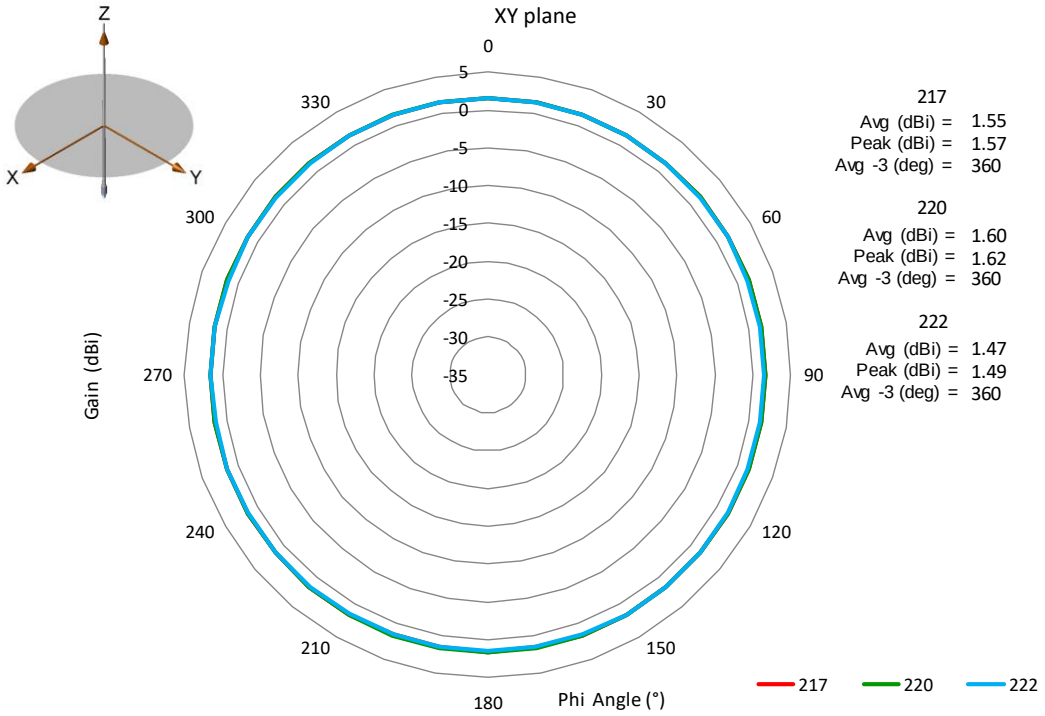

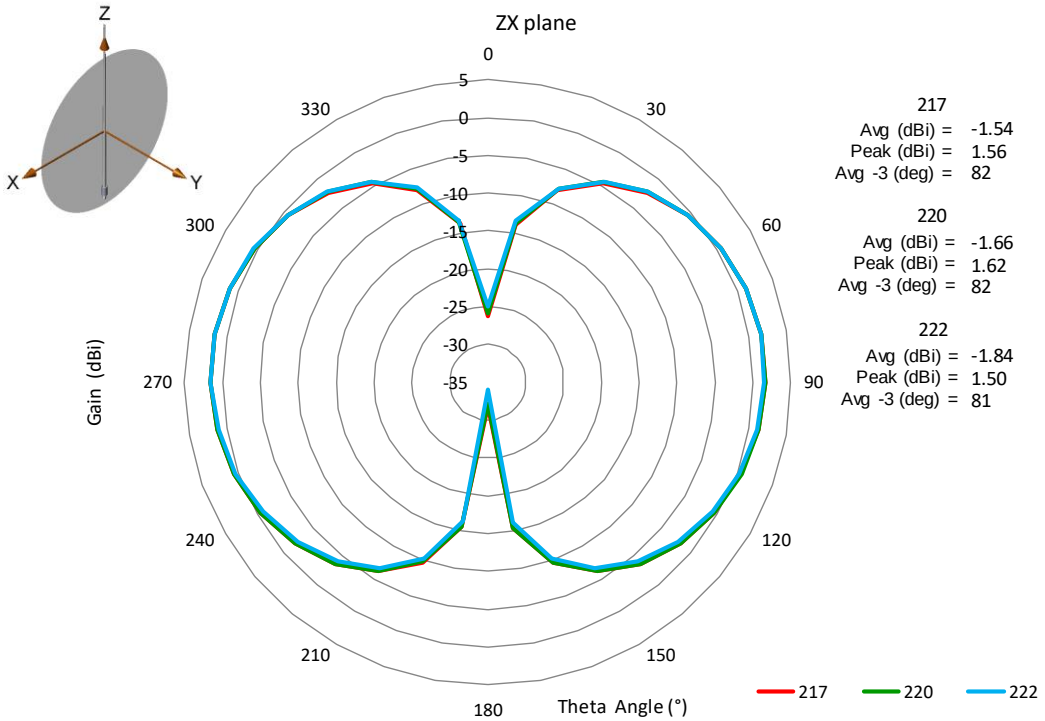

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