PulseLARSEN Antennas

TECHNICAL DATA SHEET

Description: RO, 5dBi, 1060-1120MHz, NF

Series: Radome Omni

PART NUMBER: RO10905NF

Features:

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

Applications:

- ADS-B

Preliminary

RoHS COMPLIANT

Issue: 1742P

For more information:

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15255 Innovation Drive #100
San Diego, CA 92128
USA
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18110 SE 34th St. Bldg 2 Suite 250
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99 Huo Ju Road(#29 Bldg,4th Phase
Suzhou New District
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Tel: 86 512 6807 9998

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ELECTRICAL SPECIFICATIONS

Antenna type	Stacked Dipoles
Frequency	1060-1120 MHz
Nominal Impedance	50 Ω
VSWR	2:1
Gain	5 dBi
Efficiency	70 %
Radiation Pattern	Omni
HPBW / E-Plane	22°
Polarization	Vertical
Power withstanding	20 W
E.S.D. Protection	DC Grounded
Connector type	N-Female

MECHANICAL SPECIFICATIONS

Color/Material	White/Pultruded polyester/fiberglass–UV protected
Weight	242 g
Overall Length	695.6 mm

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-40 ~ +85° C
Ingress Protection	IP67
Wind-loading	241.4 km/h (150 mph)
RoHS Compliant	Yes

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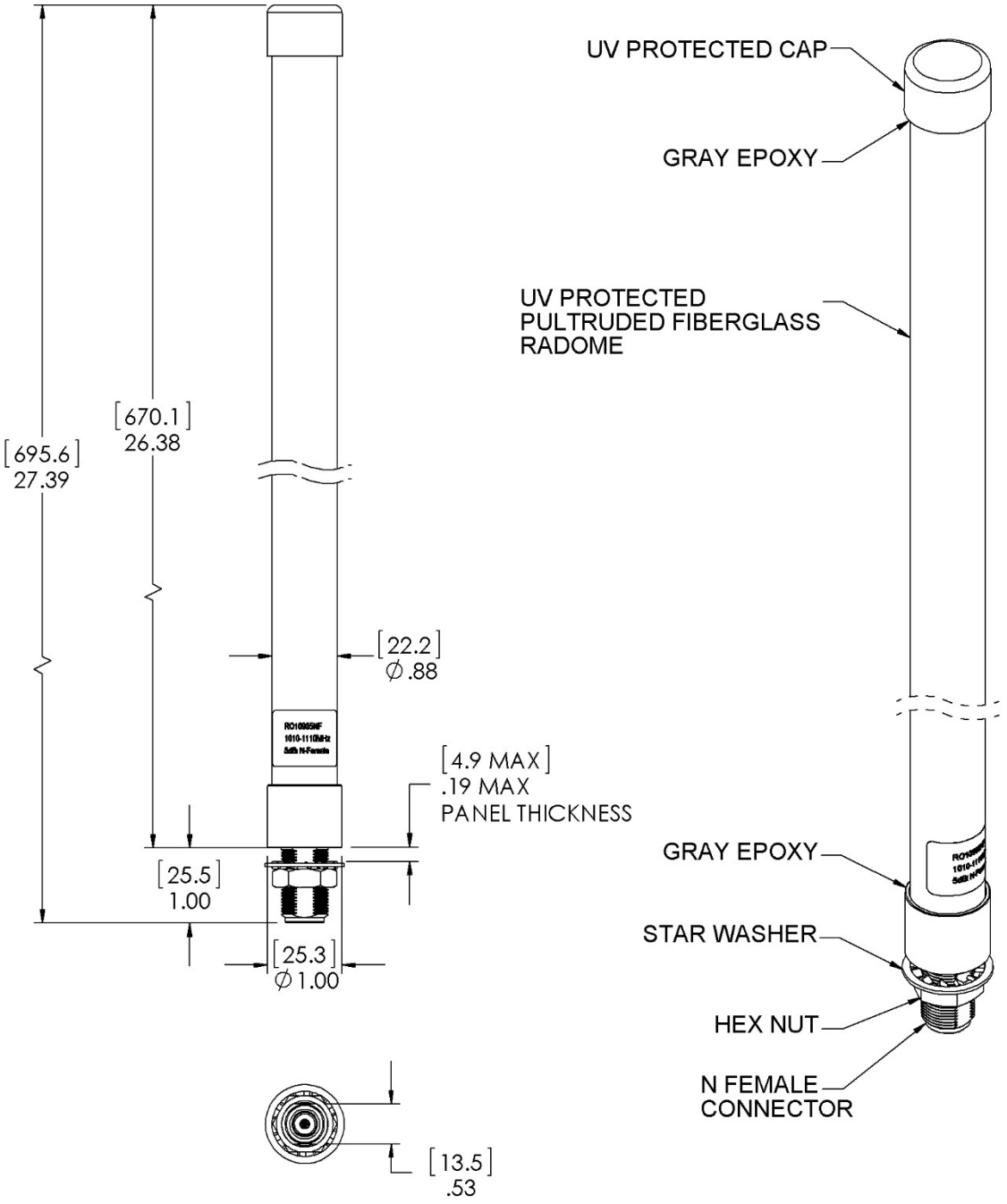
MECHANICAL DRAWING



All dimensions are in mm / inches

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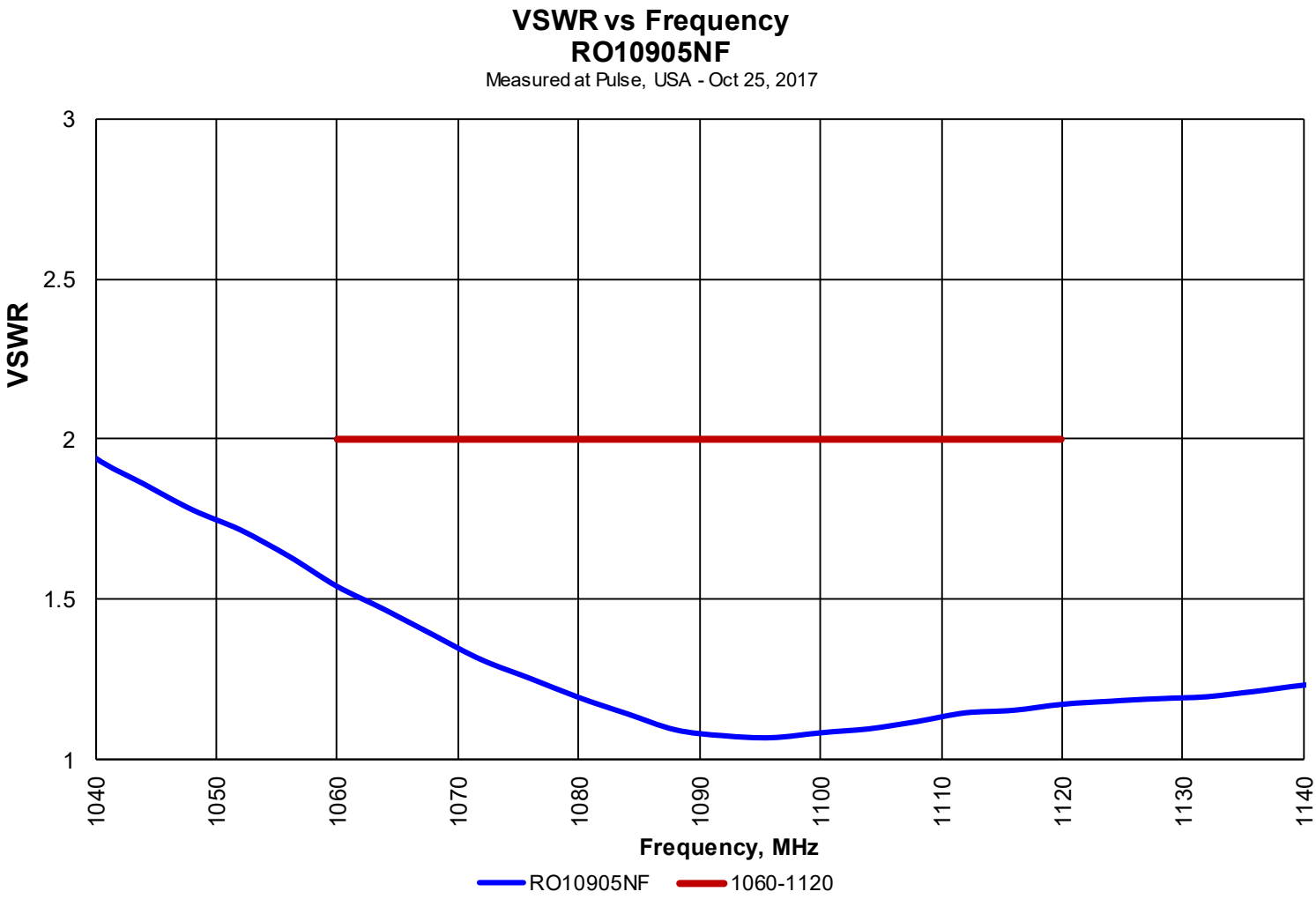
CHARTS



Preliminary

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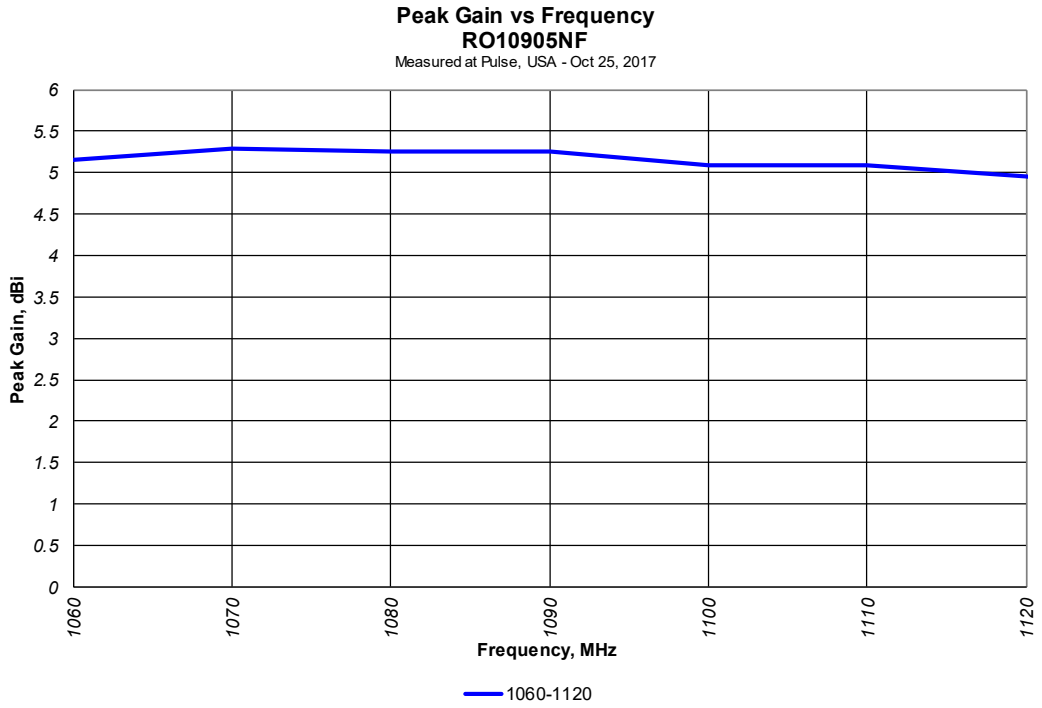

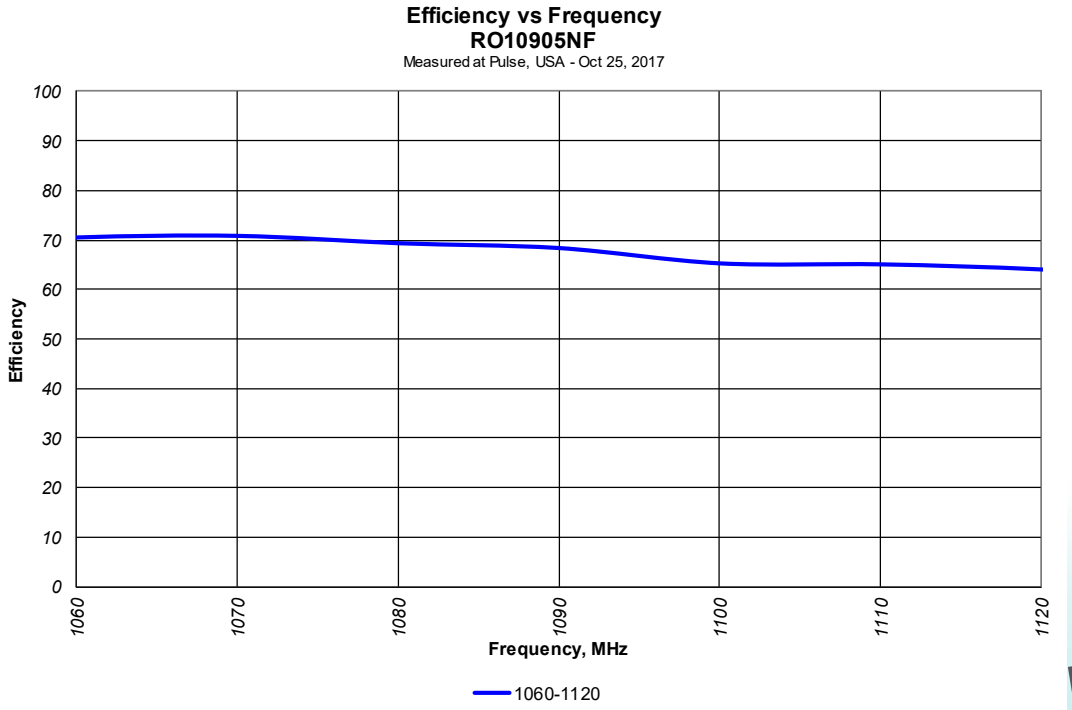

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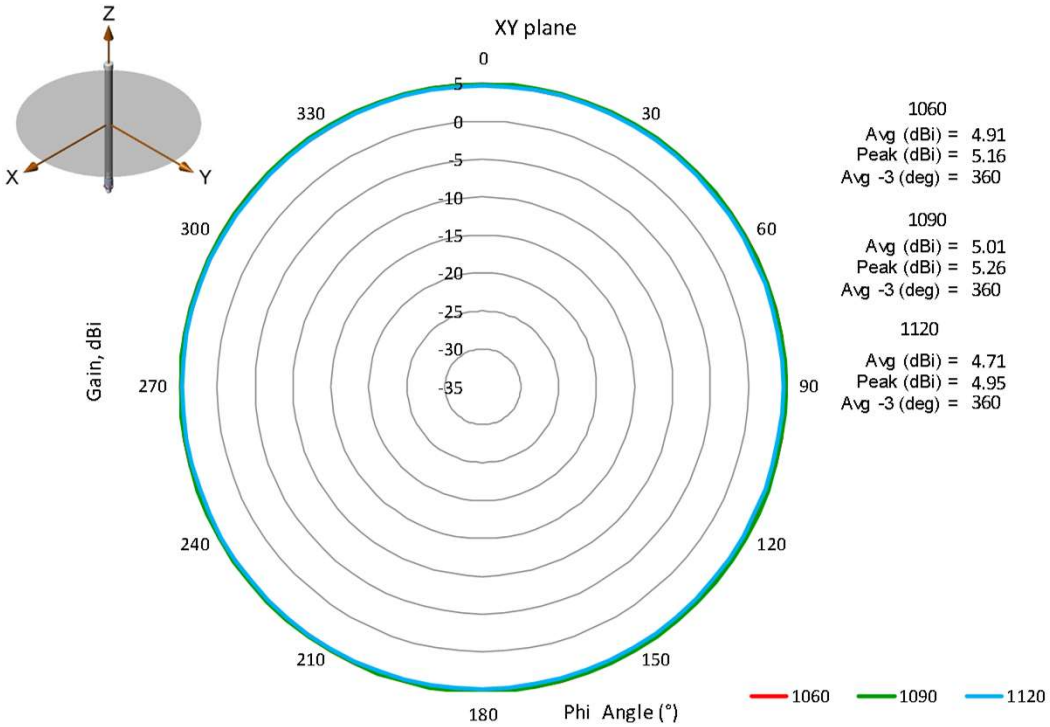

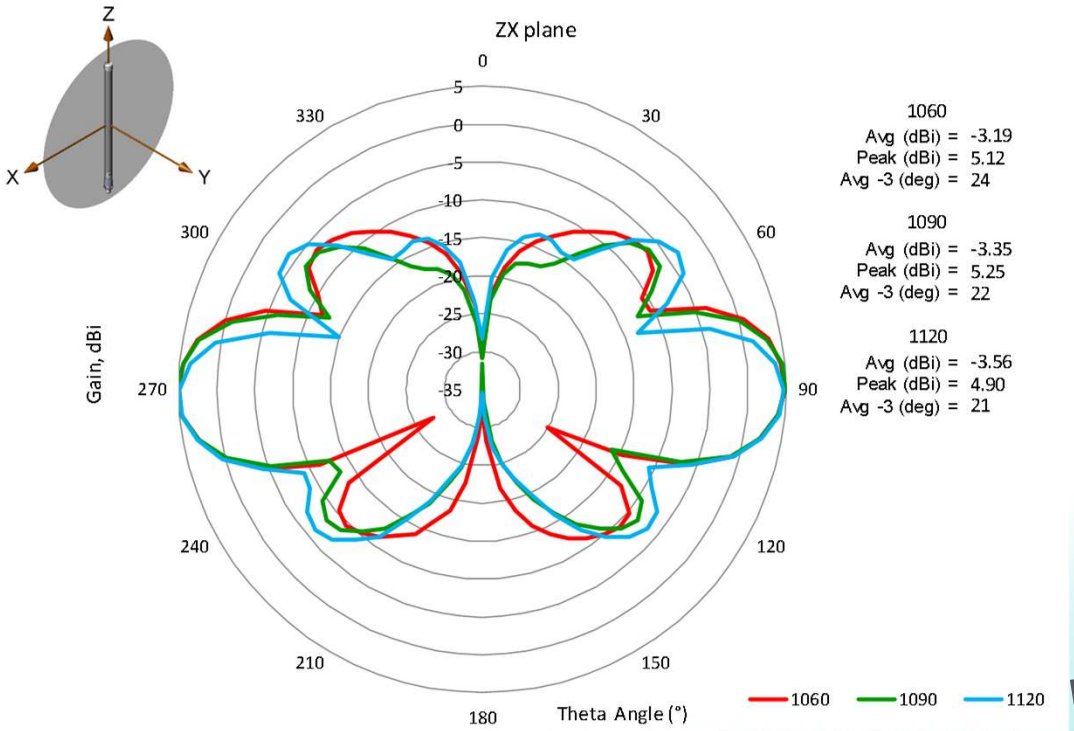

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PACKAGING

Pack each Antenna and instruction in PE bag.