

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

Issue: 1742P

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

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Preliminary



Description: RO, 5dBi, 1060-1120MHz, NF**Series:** Radome Omni**PART NUMBER:** RO10905NF**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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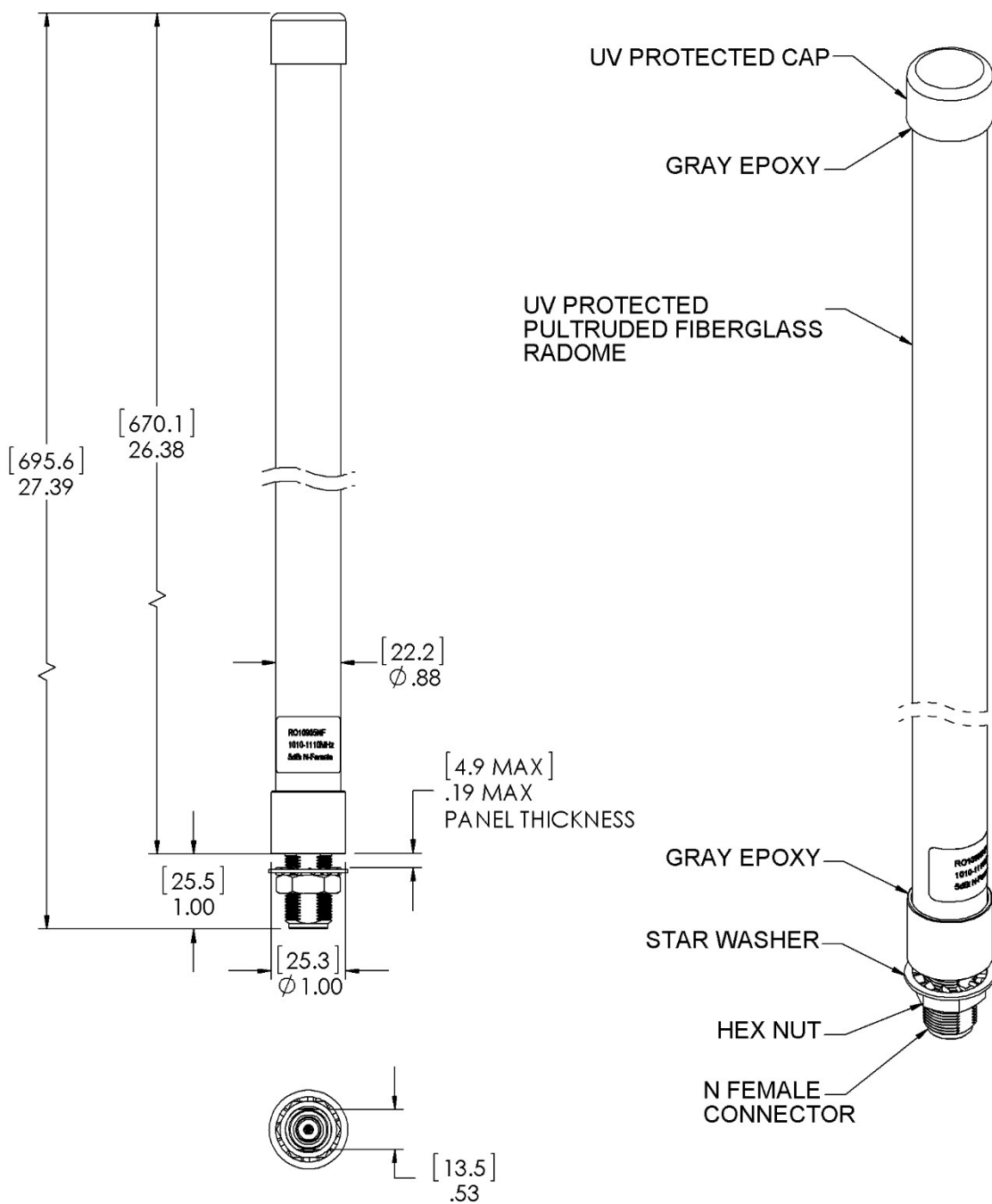
Preliminary

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MECHANICAL DRAWING



All dimensions are in mm / inches

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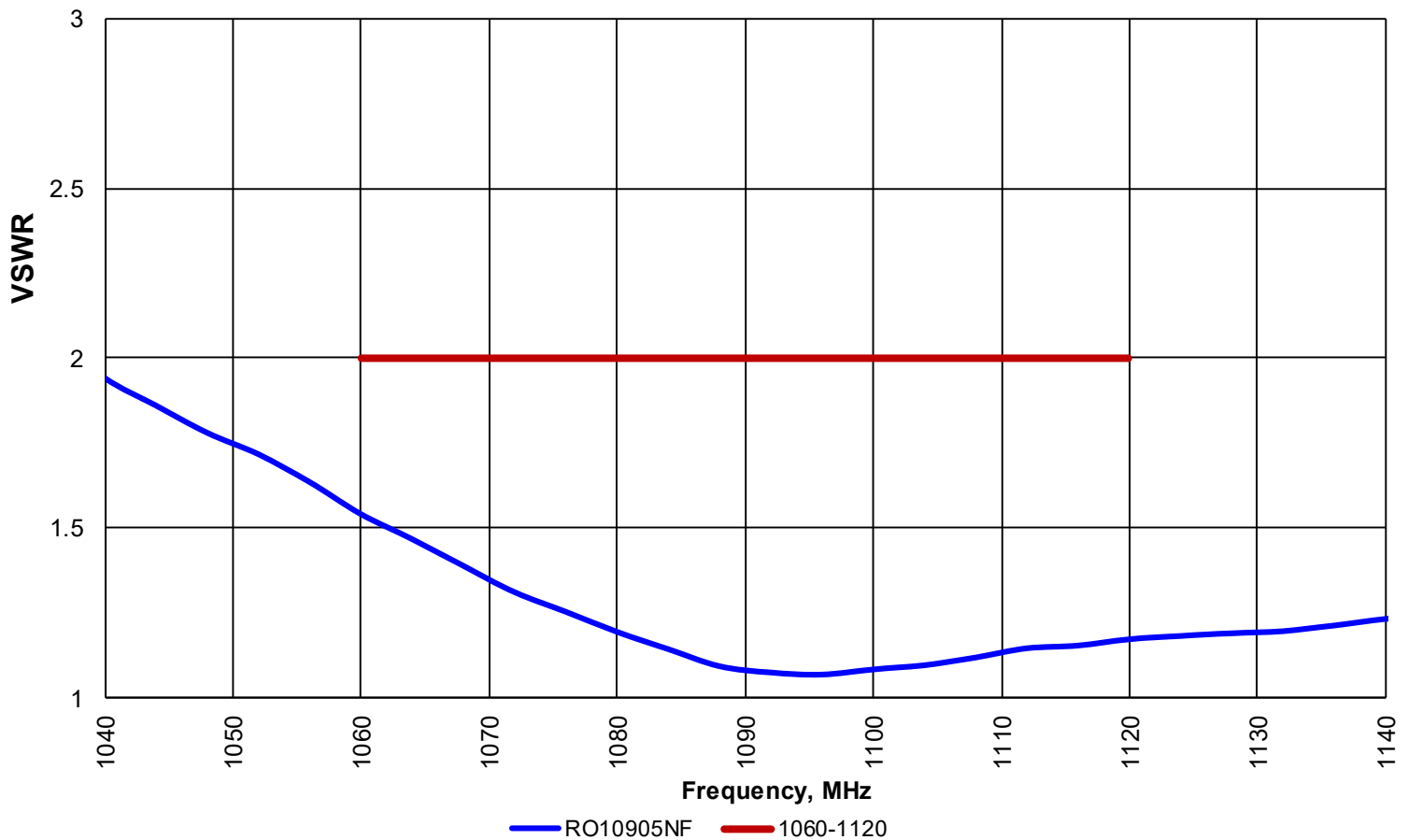
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CHARTS

VSWR vs Frequency RO10905NF

Measured at Pulse, USA - Oct 25, 2017



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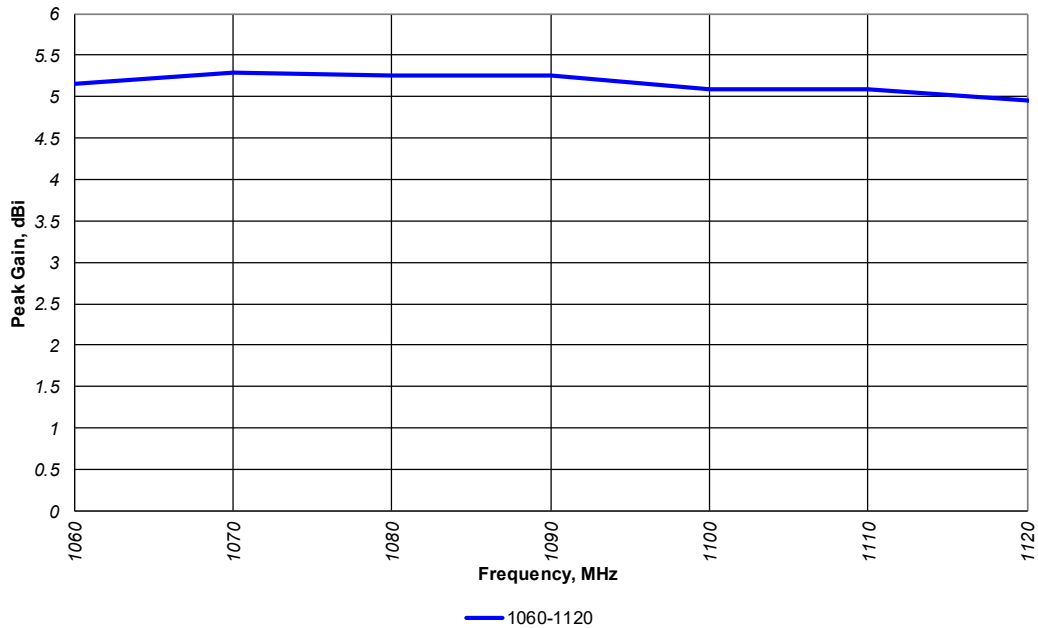
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CHARTS

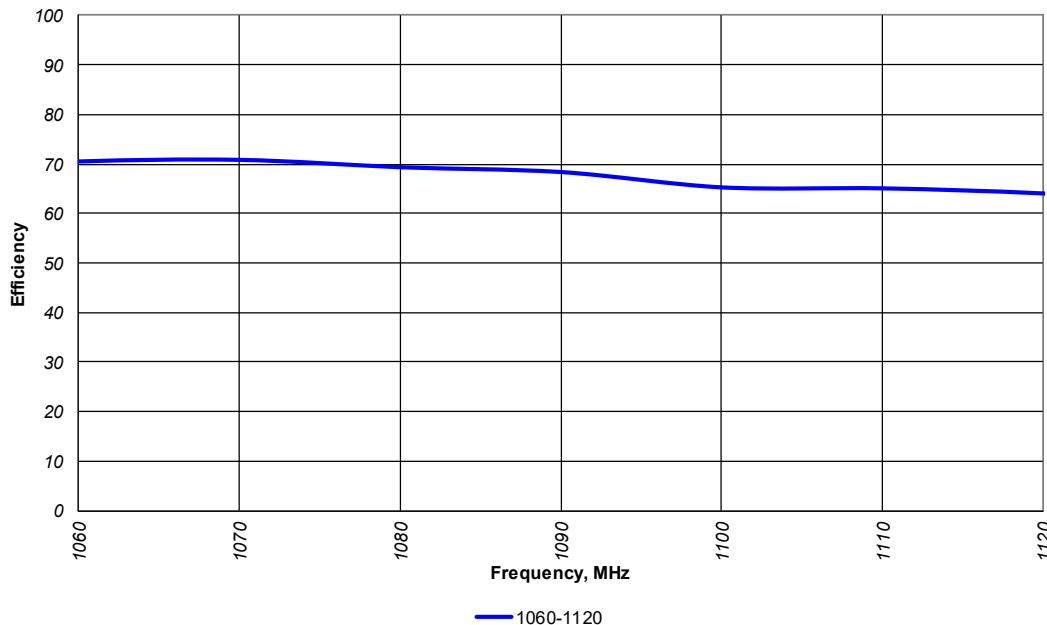
Peak Gain vs Frequency
RO10905NF

Measured at Pulse, USA - Oct 25, 2017



Efficiency vs Frequency
RO10905NF

Measured at Pulse, USA - Oct 25, 2017



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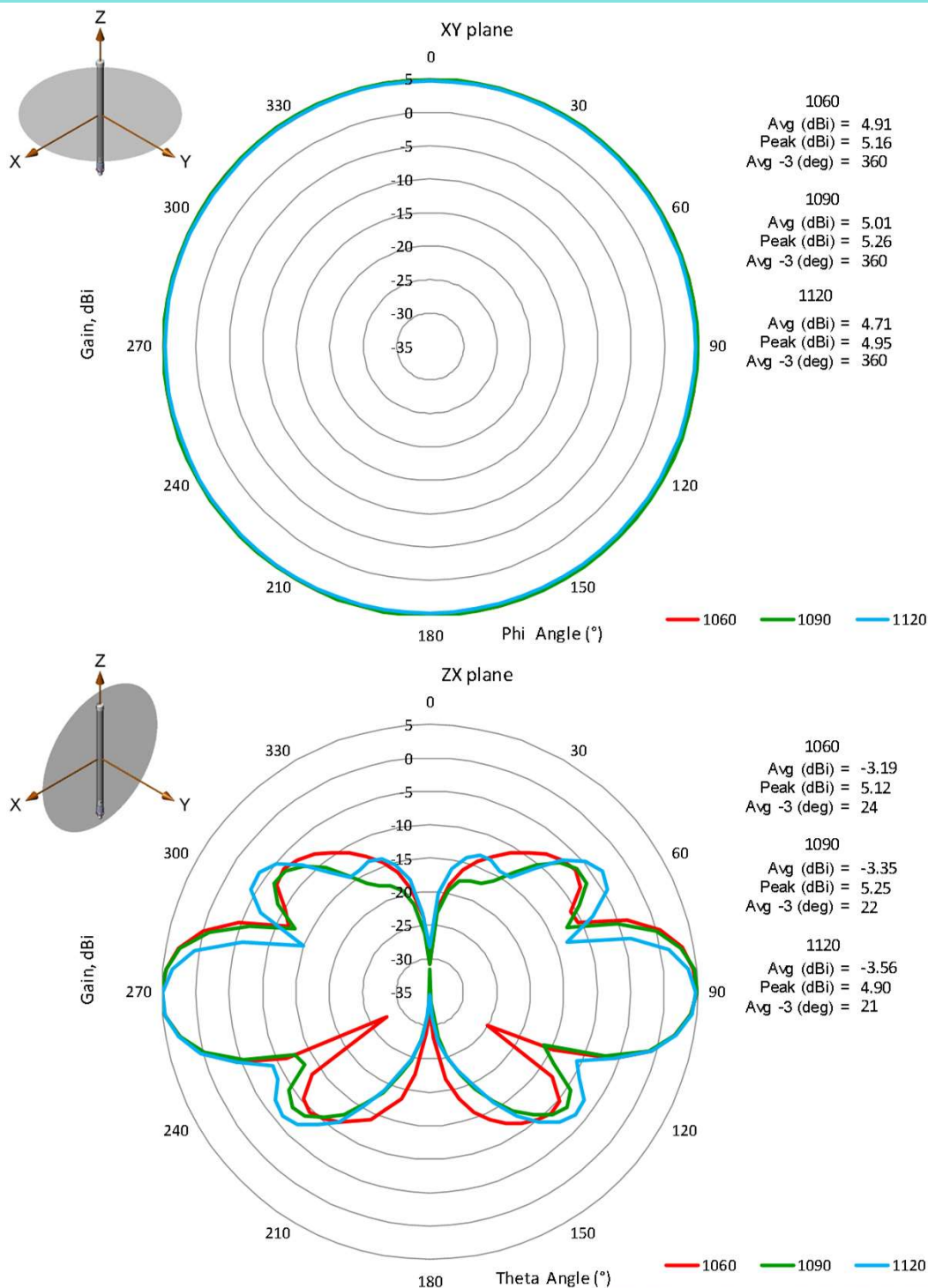
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PACKAGING

Pack each Antenna and instruction in PE bag.

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