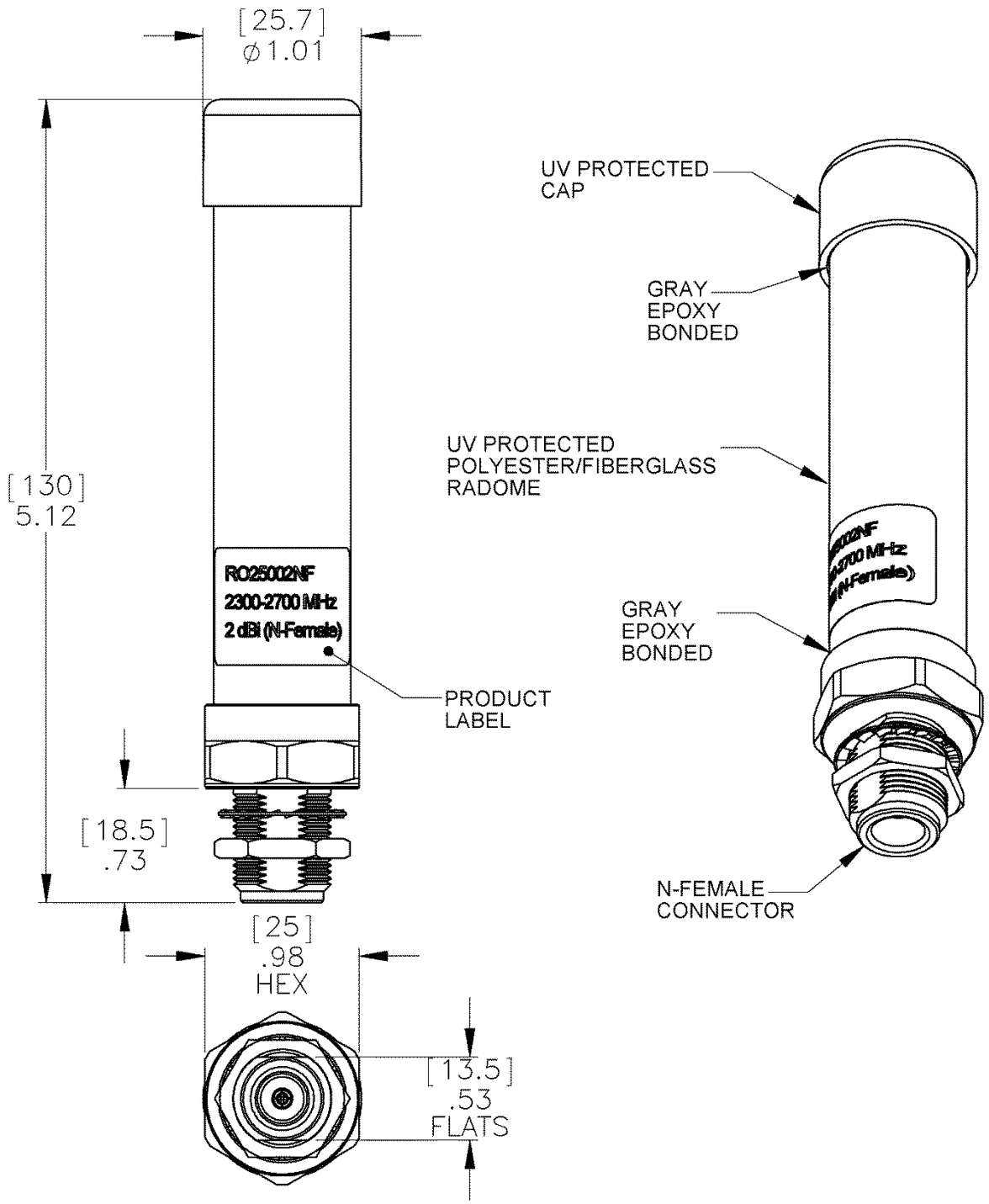
RADOME OMNI- OMNIDIRECTIONAL

2300-2700 MHz

RO25002NF

Series : **ANTENNA**



All dimensions are in inches [mm]

Issue: 1523

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

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RoHS COMPLIANT

RADOME OMNI- OMNIDIRECTIONAL

2300-2700 MHz

RO25002NF

Series : **ANTENNA**

ELECTRICAL SPECIFICATIONS

Antenna type	Dipole (All electrical performance measured “in free space”)	
Frequency	2300-2700	MHz
Nominal Impedance	50	Ω
VSWR	2:1	Max
Peak Gain	2	dBi
Efficiency	85	%
HPBW / Horizontal Plane	Omni	
HPBW / Vertical Plane	70	° TYP
Polarization:	Vertical	
Power withstanding	50	W
PIM at 2x20 watts	-155	dBc
E.S.D. Protection	DC Grounded	
Connector type	N Female	

MECHANICAL SPECIFICATIONS

Plastic radome	Pultruded polyester/fiberglass – UV protected	
Color	White	
Ingress Protection	IP67	
Weight	100	g
Wind-loading	150	mph
Overall length	5.12	INCHES
Side loading @ 1 ft	30	Lbs
Pull off	100	Lbs

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-40/+85	° C
Temperature Cyclic	-40°C dwell 6 hours/+65°C dwell 6 hours, 4 full cycles	
Leak test	Fully submerged 12”, 12 hours	

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2300-2700 MHz

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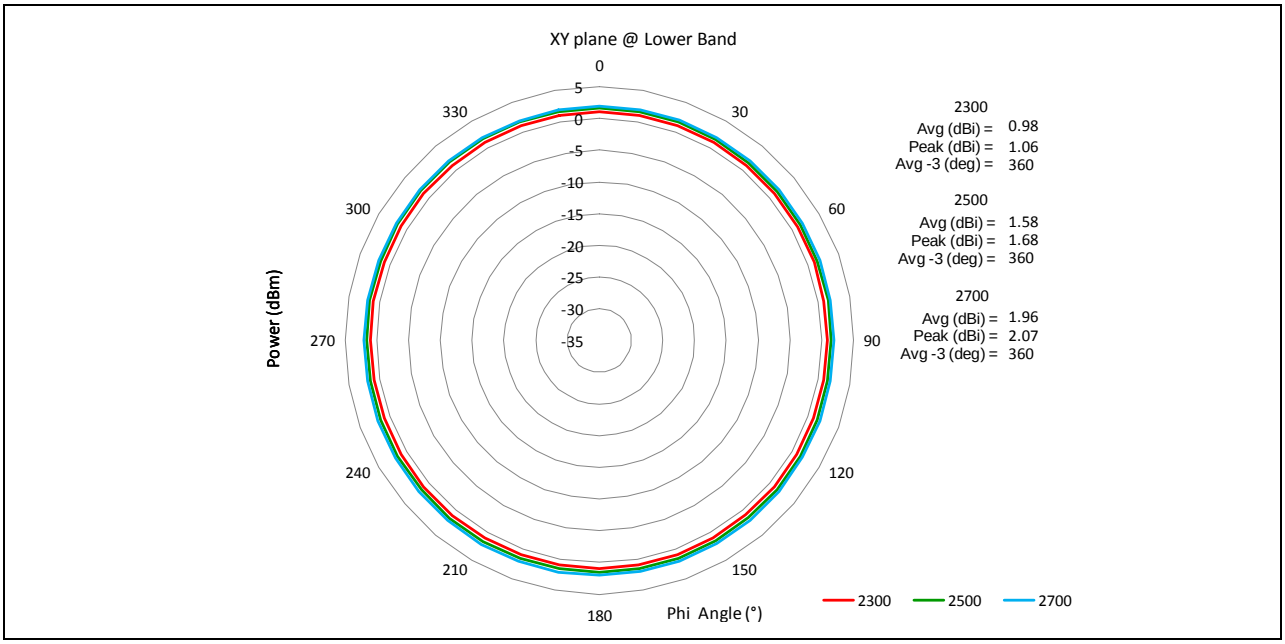
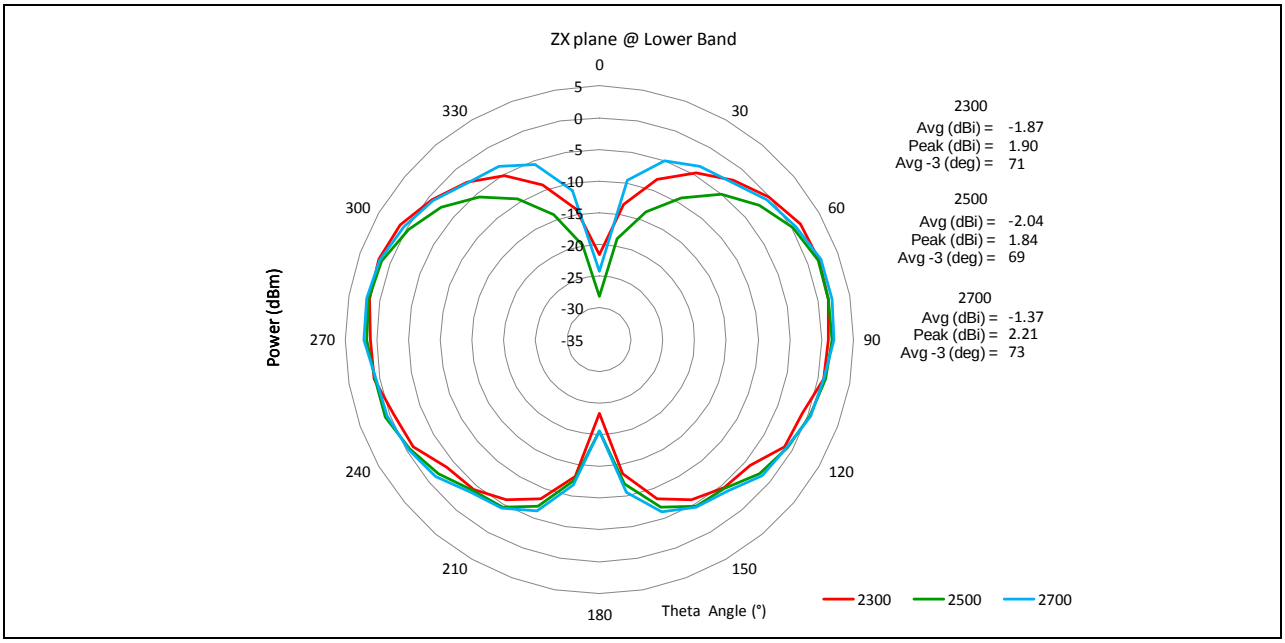
Series : **ANTENNA**

Charts

Horizontal plane



Vertical plane



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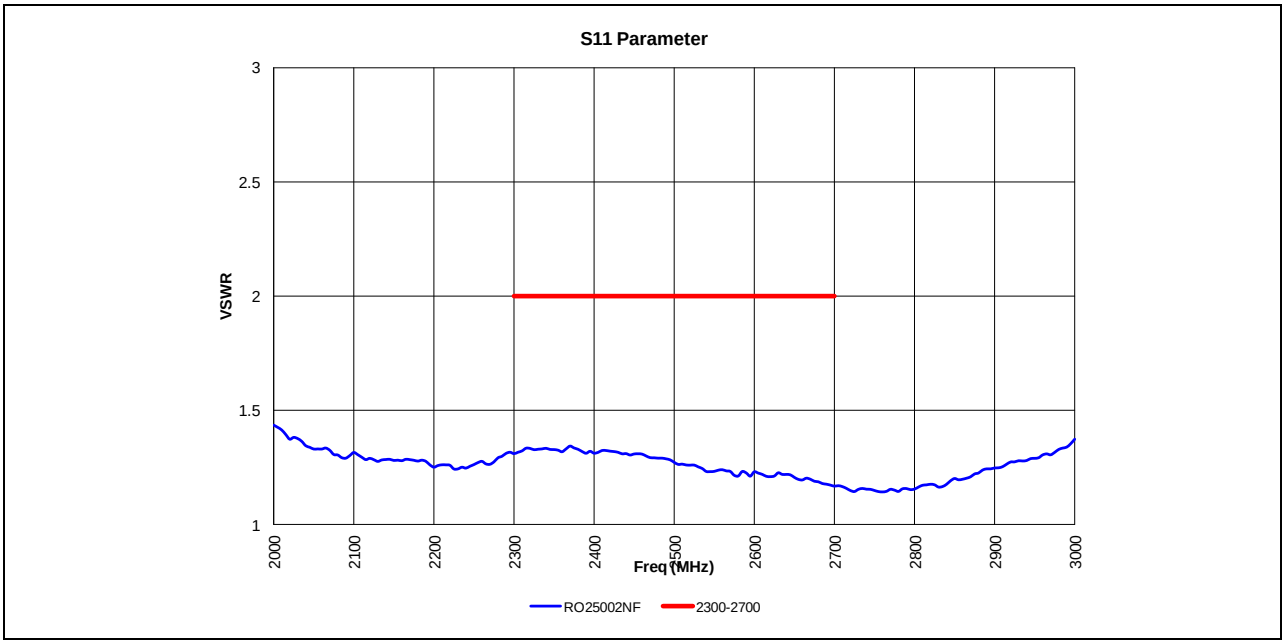
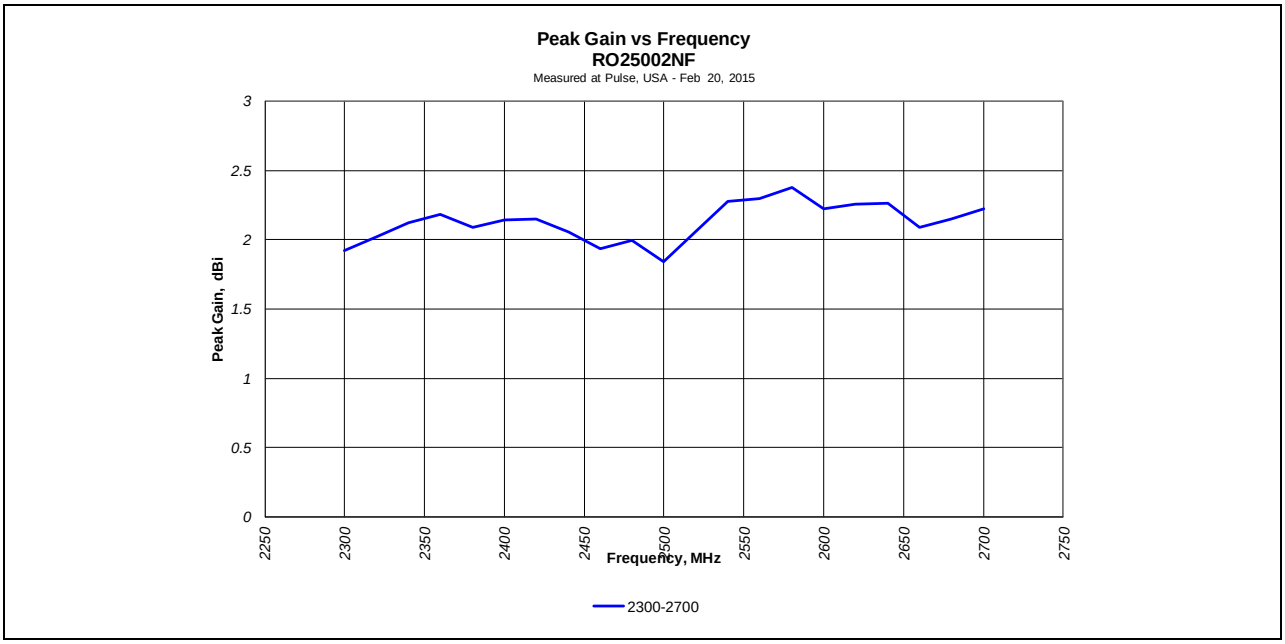
VSWR



Gain



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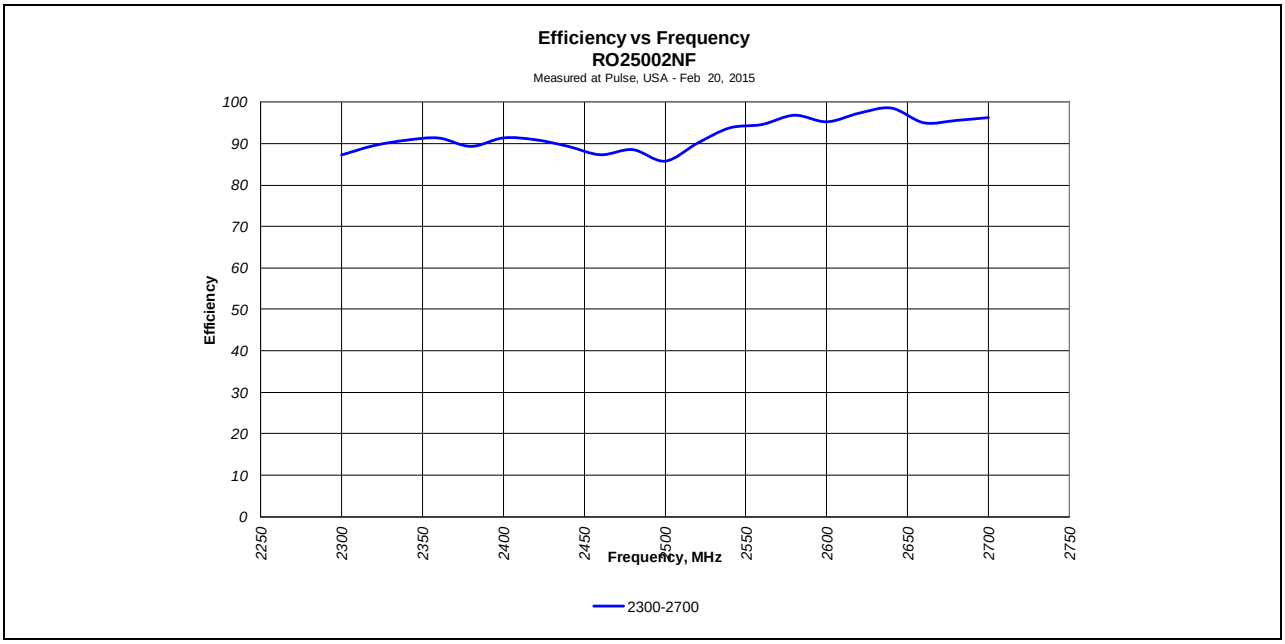
RO25002NF

Series : **ANTENNA**

Efficiency



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