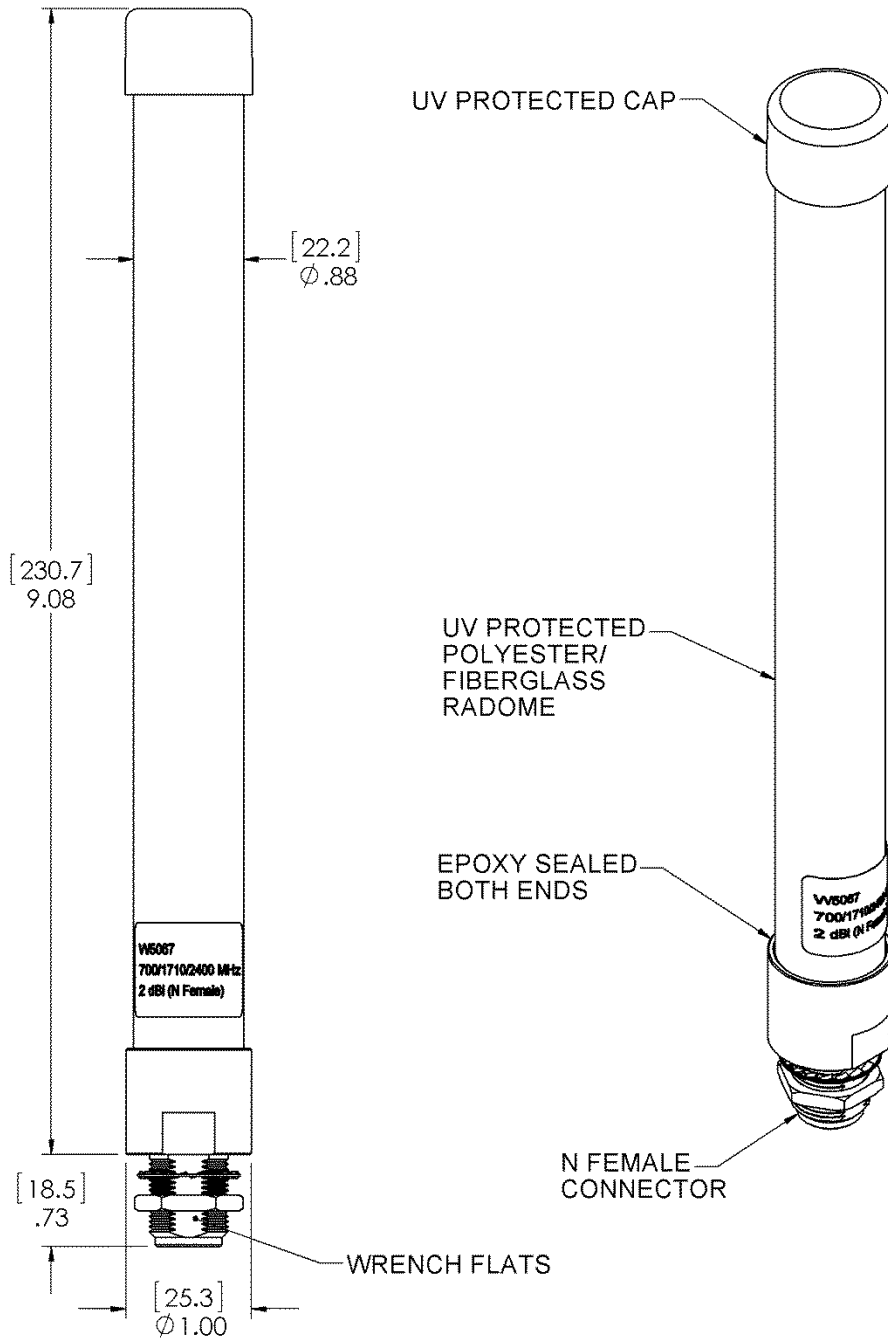


Radome Omni – Omni directional Antenna

698-960/1710-2170/2400-2700MHz

W5067

Series : **ANTENNA**



All dimensions are in inches (mm)

Issue: 1414

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Radome Omni – Omni directional Antenna

698-960/1710-2170/2400-2700MHz

W5067

Series : **ANTENNA**

ELECTRICAL SPECIFICATIONS

Antenna type	Dipole (All electrical performance measured “in free space”)
Frequency	698-960/1710-2170/2400-2700 MHz
Nominal Impedance	50 Ω
VSWR	2:1 Max
Average Peak Gain 700	0.7 dBi
Average Peak Gain 1710	1.0 dBi
Average Peak Gain 2400	2.0 dBi
Efficiency	61 % Avg
HPBW / Horizontal Plane	Omni
HPBW / Vertical Plane 700	56 ° TYP
HPBW / Vertical Plane 1710	36 ° TYP
HPBW / Vertical Plane 2400	24 ° TYP
Polarization:	Vertical
Power withstanding	3 W
Connector type	N-Female

MECHANICAL SPECIFICATIONS

Plastic radome	Pultruded polyester/fiberglass – UV protected
Color	White
Ingress Protection	IP67
Weight	141 g
Overall length	9.08 INCHES
Side loading @ 1 ft	30 Lbs

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-40/+85 ° C
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Radome Omni – Omni directional Antenna

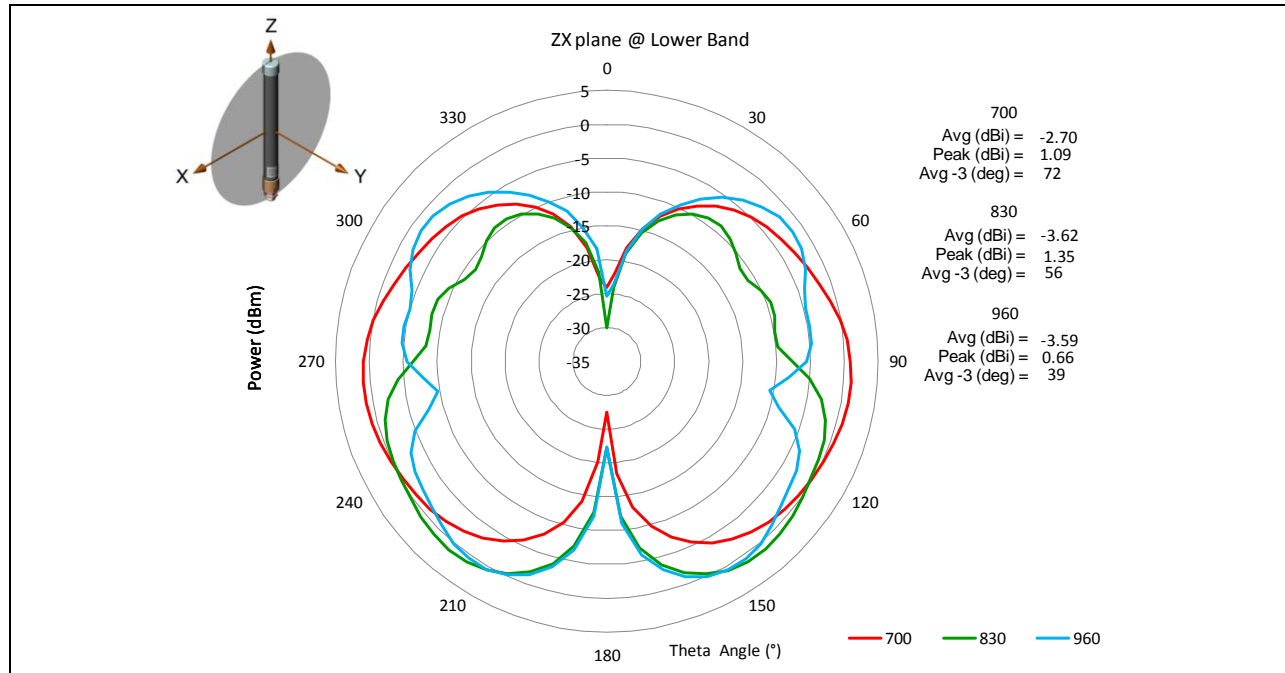
698-960/1710-2170/2400-2700MHz

W5067

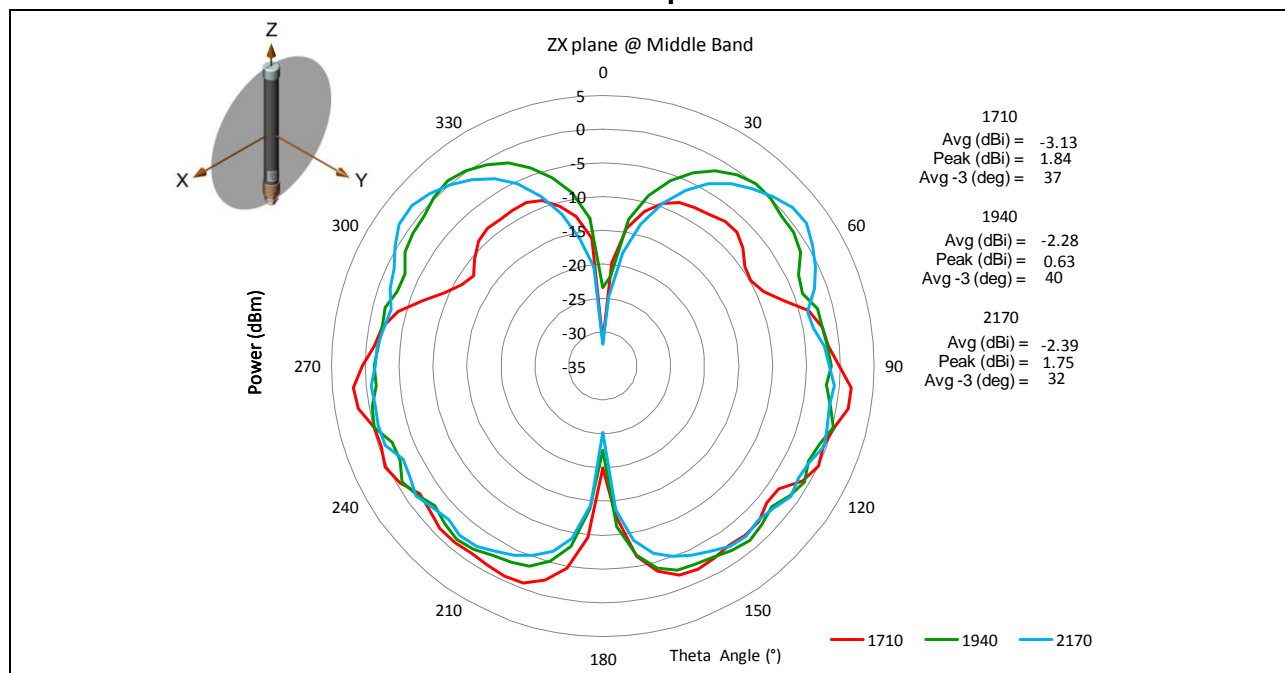
Series : **ANTENNA**

Charts

Vertical plane



Vertical plane



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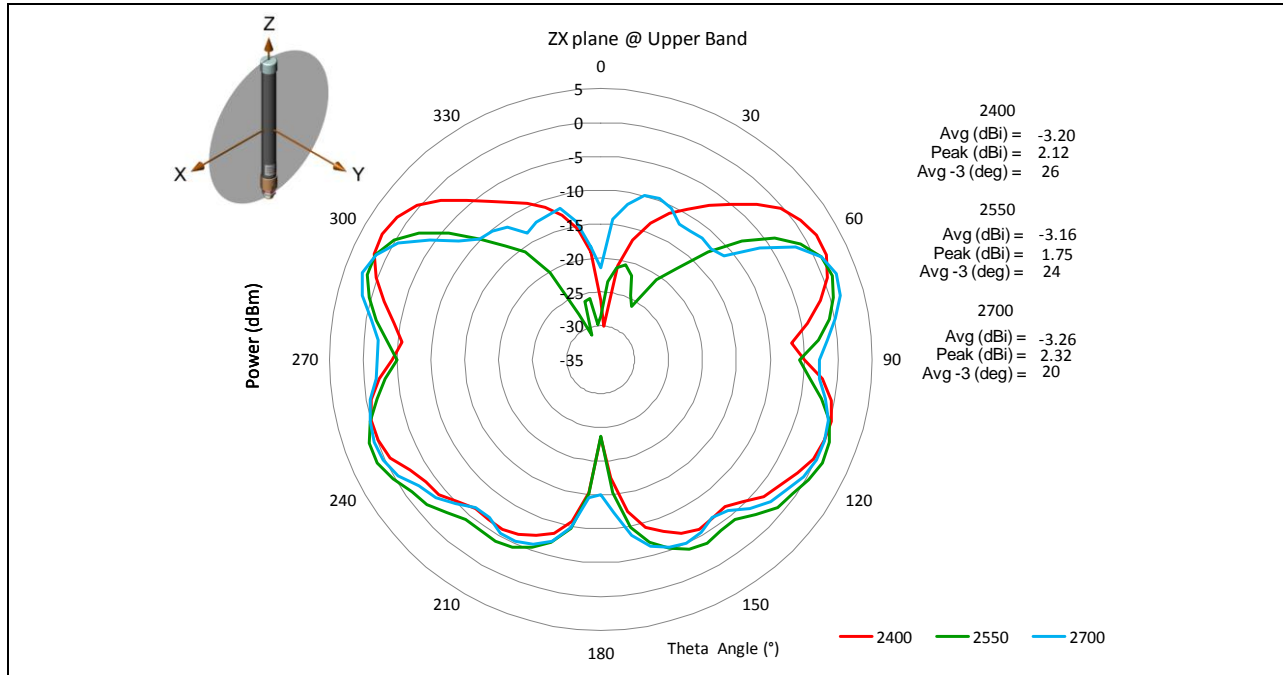
Radome Omni – Omni directional Antenna

698-960/1710-2170/2400-2700MHz

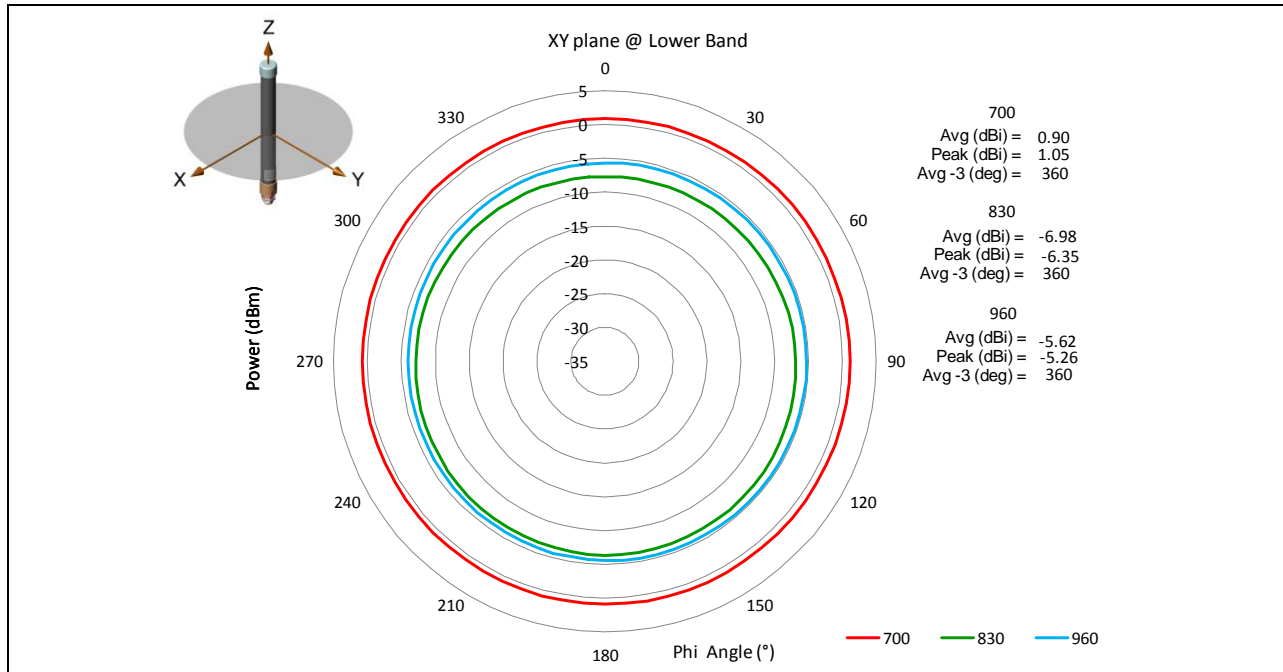
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Series : **ANTENNA**

Vertical plane



Horizontal plane



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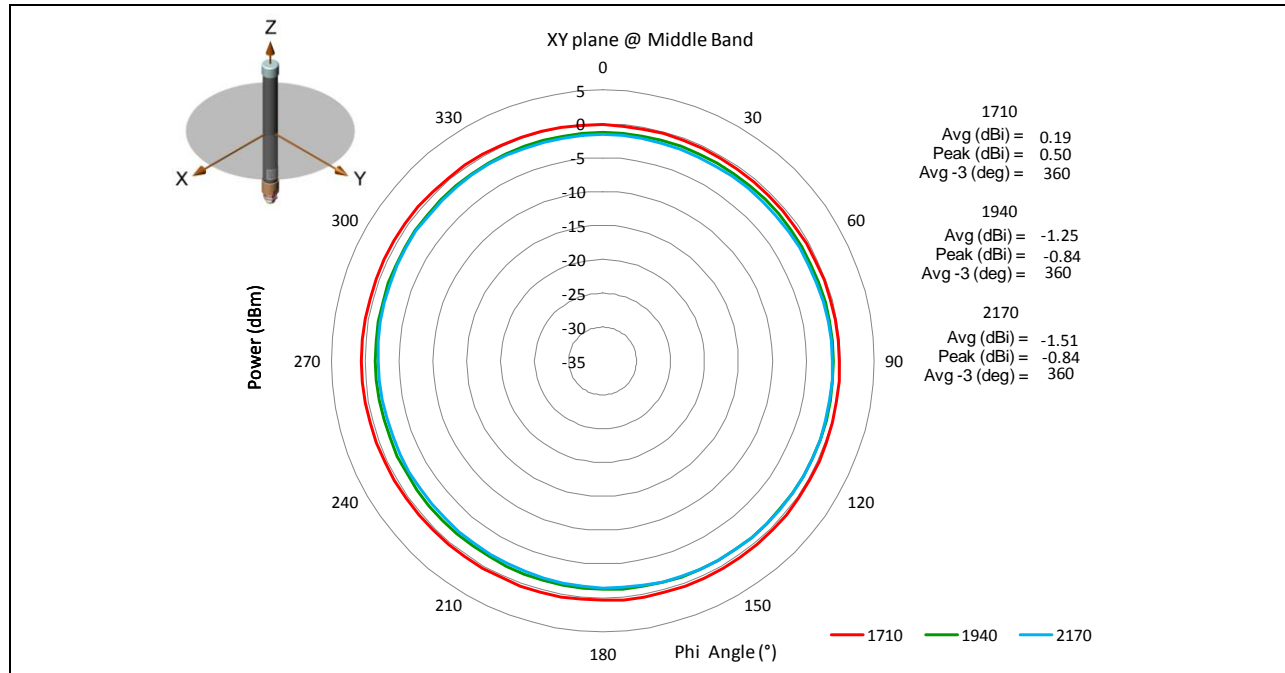
Radome Omni – Omni directional Antenna

698-960/1710-2170/2400-2700MHz

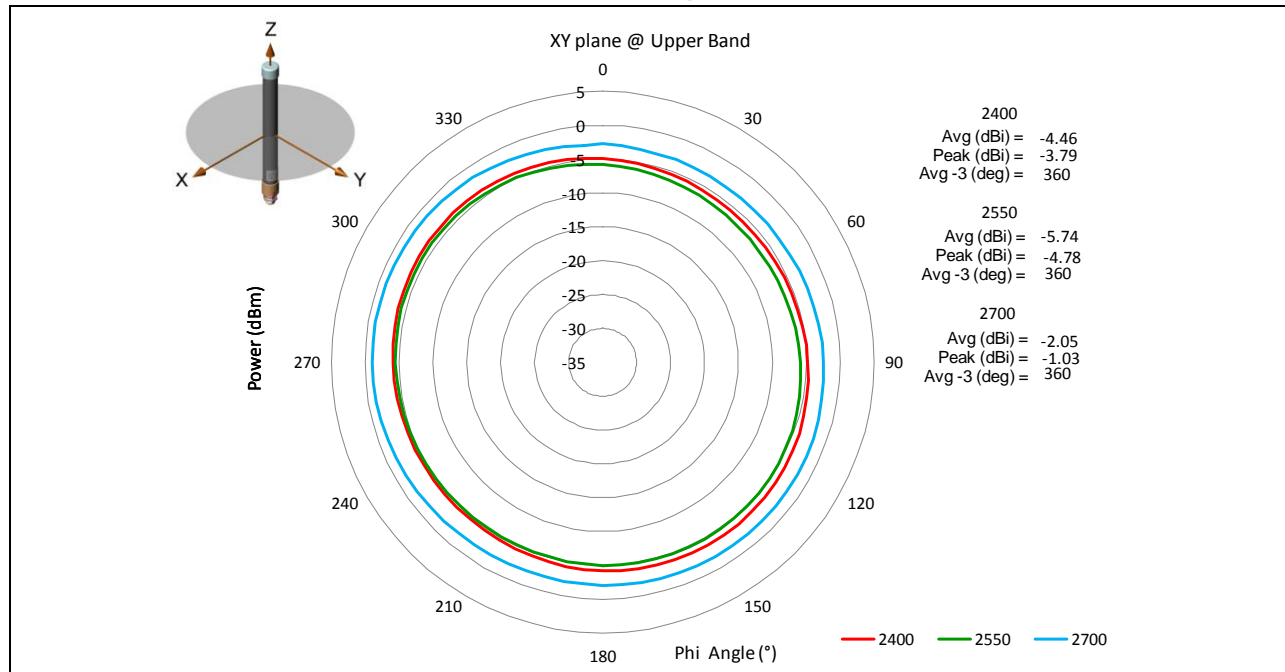
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Series : **ANTENNA**

Horizontal plane



Horizontal plane



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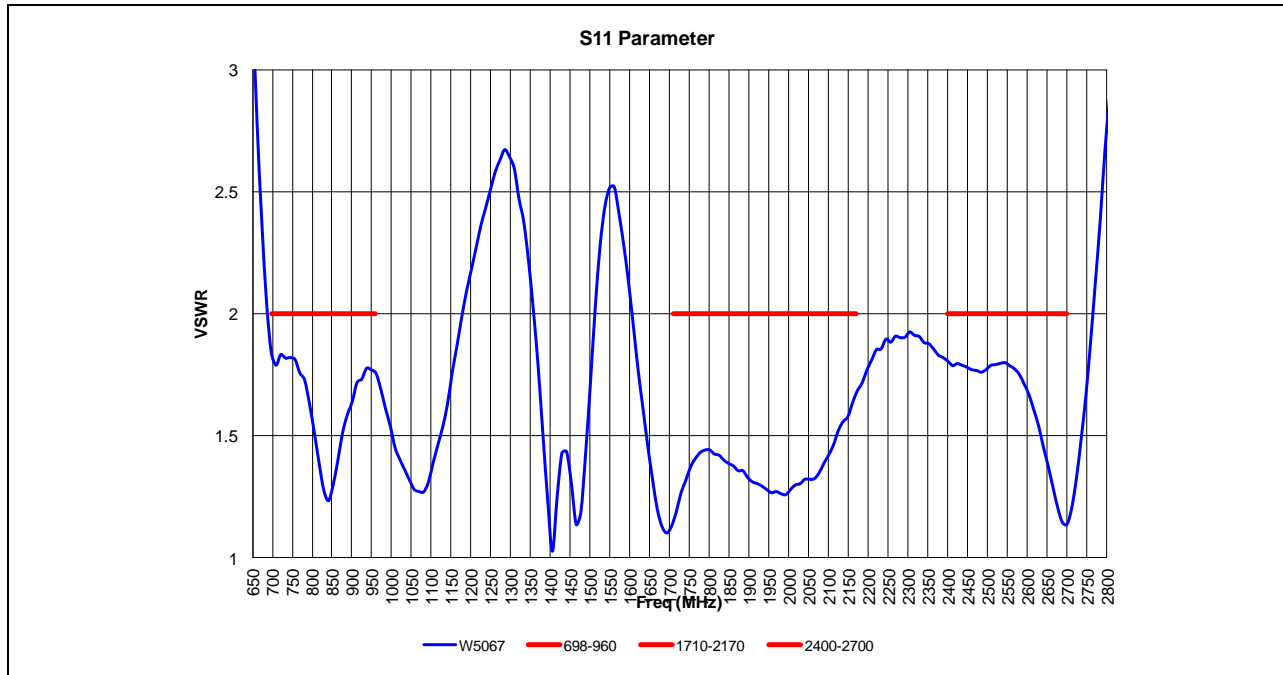
Radome Omni – Omni directional Antenna

698-960/1710-2170/2400-2700MHz

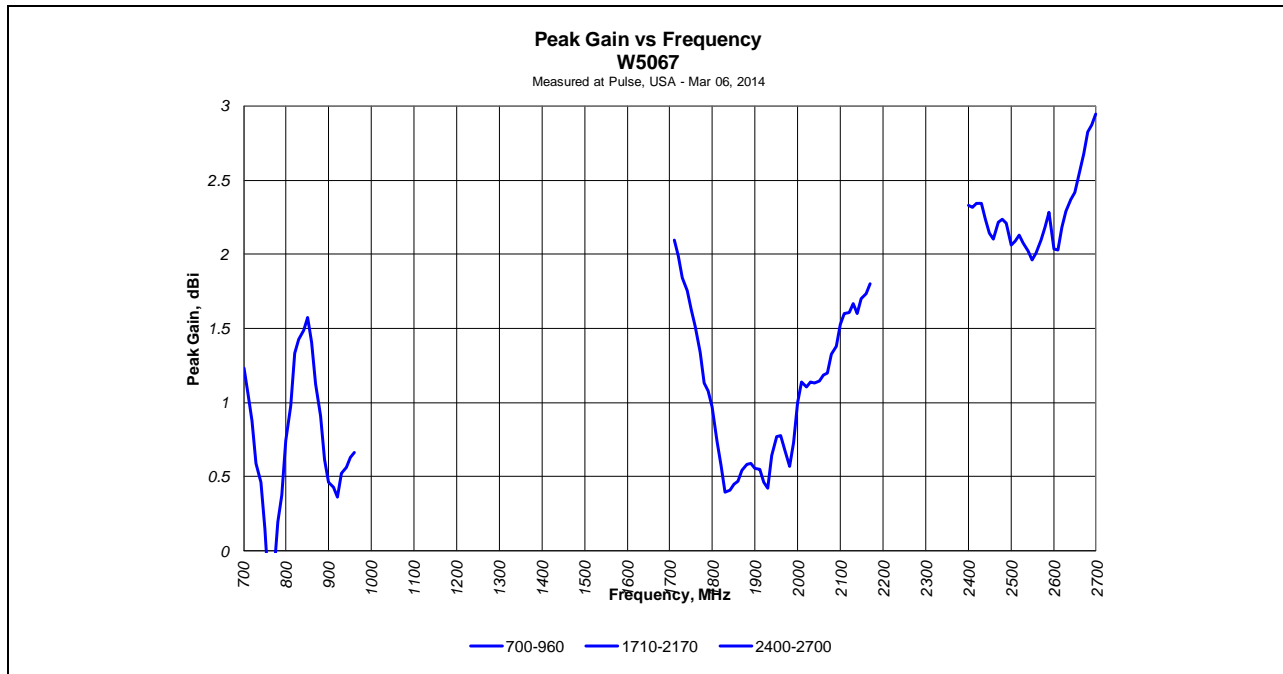
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Series : **ANTENNA**

VSWR



Peak Gain



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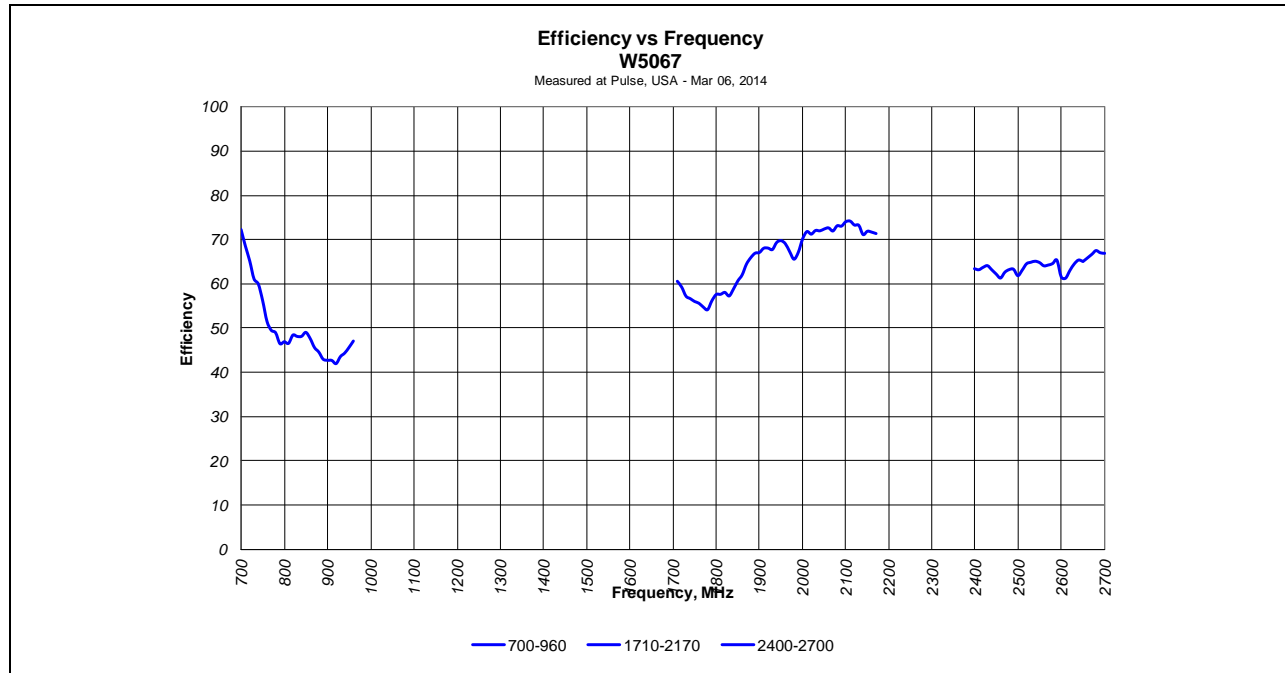
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698-960/1710-2170/2400-2700MHz

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Series : **ANTENNA**

Efficiency



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