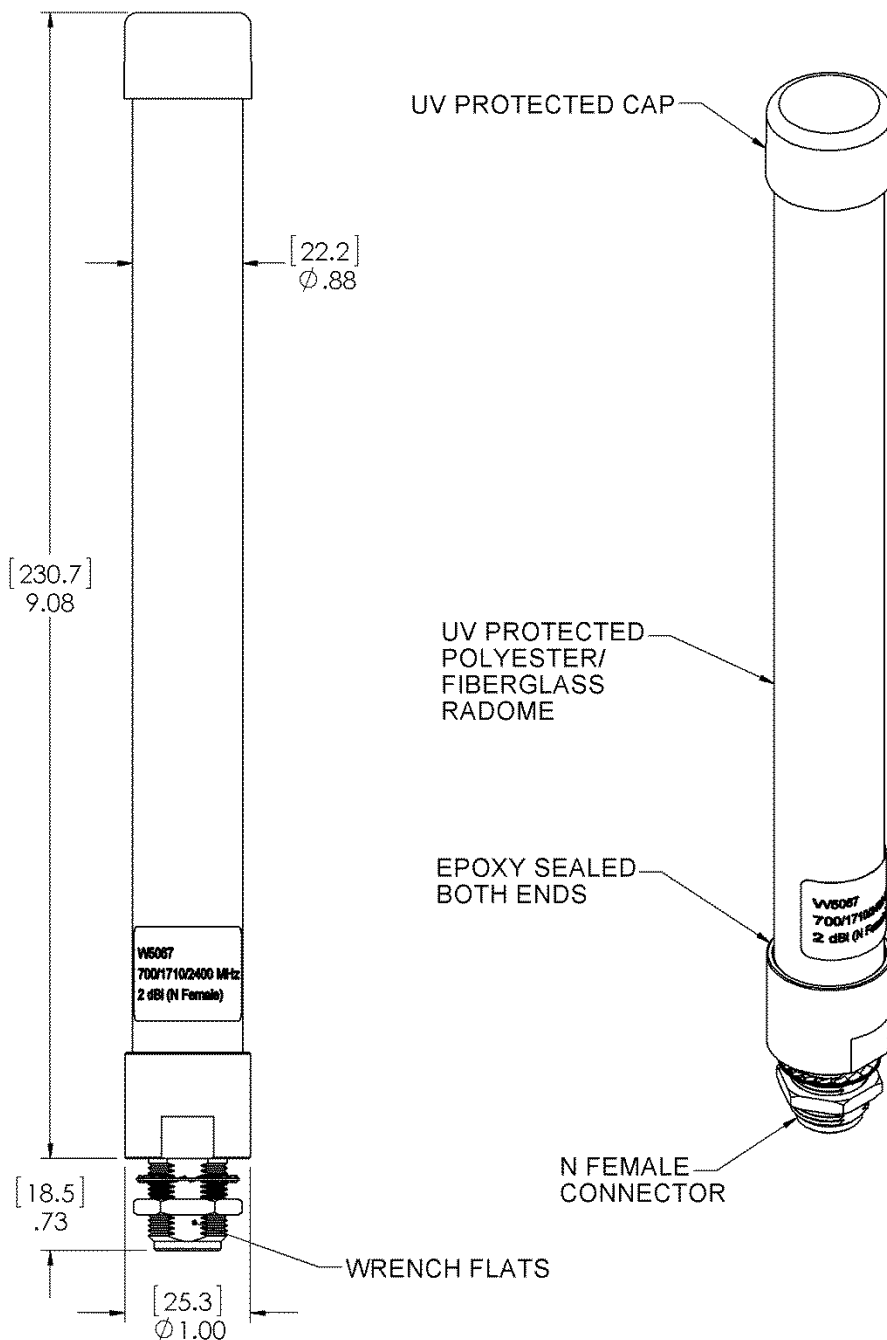


Radome Omni – Omni directional Antenna

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

W5067

Series : **ANTENNA**



All dimensions are in inches (mm)

Issue: 1414

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

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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

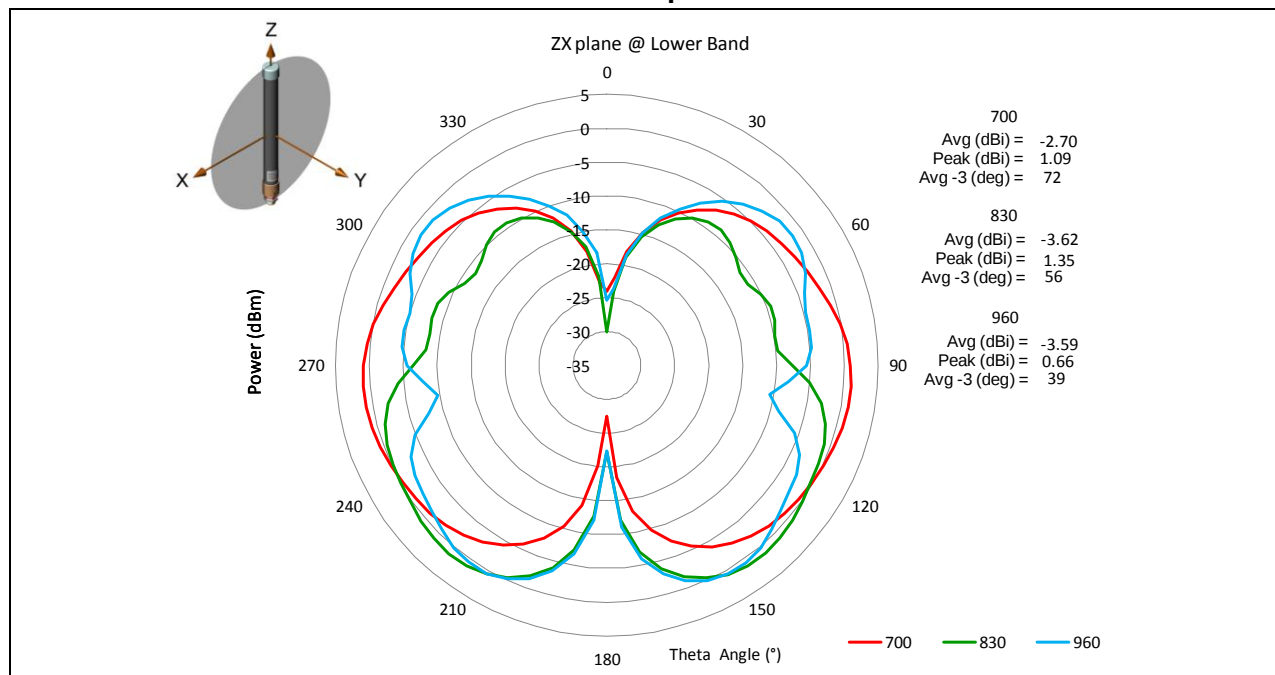
698-960/1710-2170/2400-2700MHz

W5067

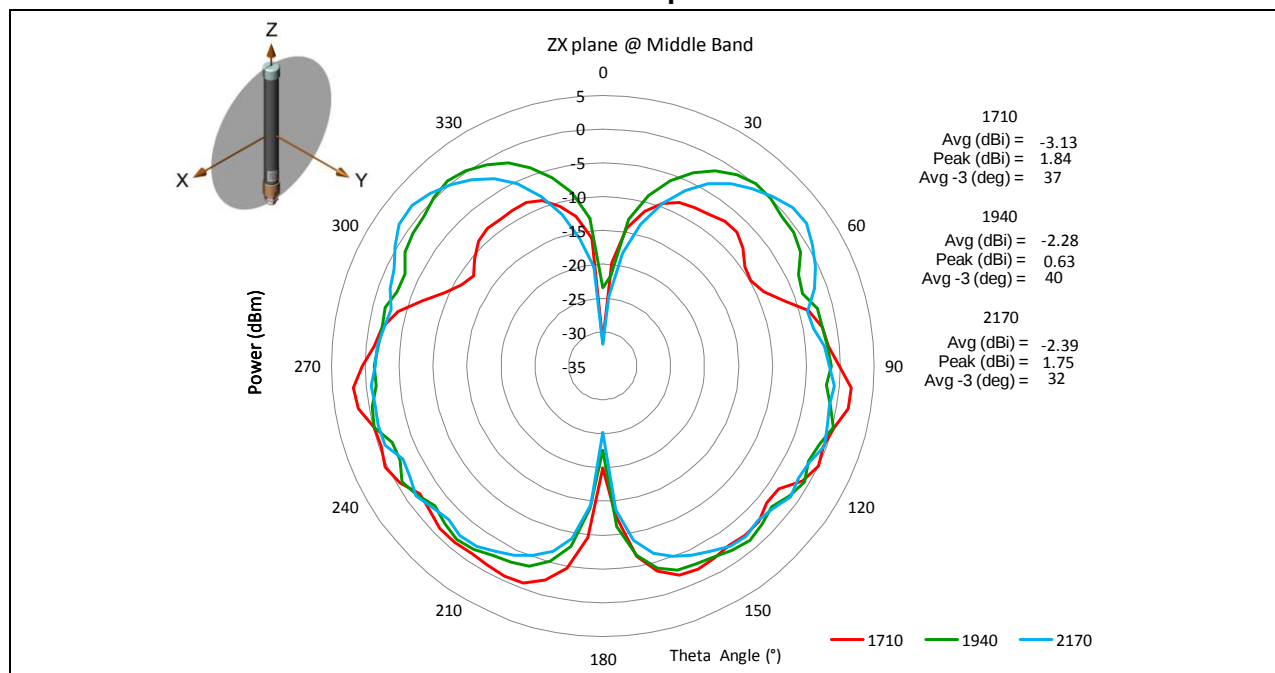
Series : **ANTENNA**

Charts

Vertical plane



Vertical plane



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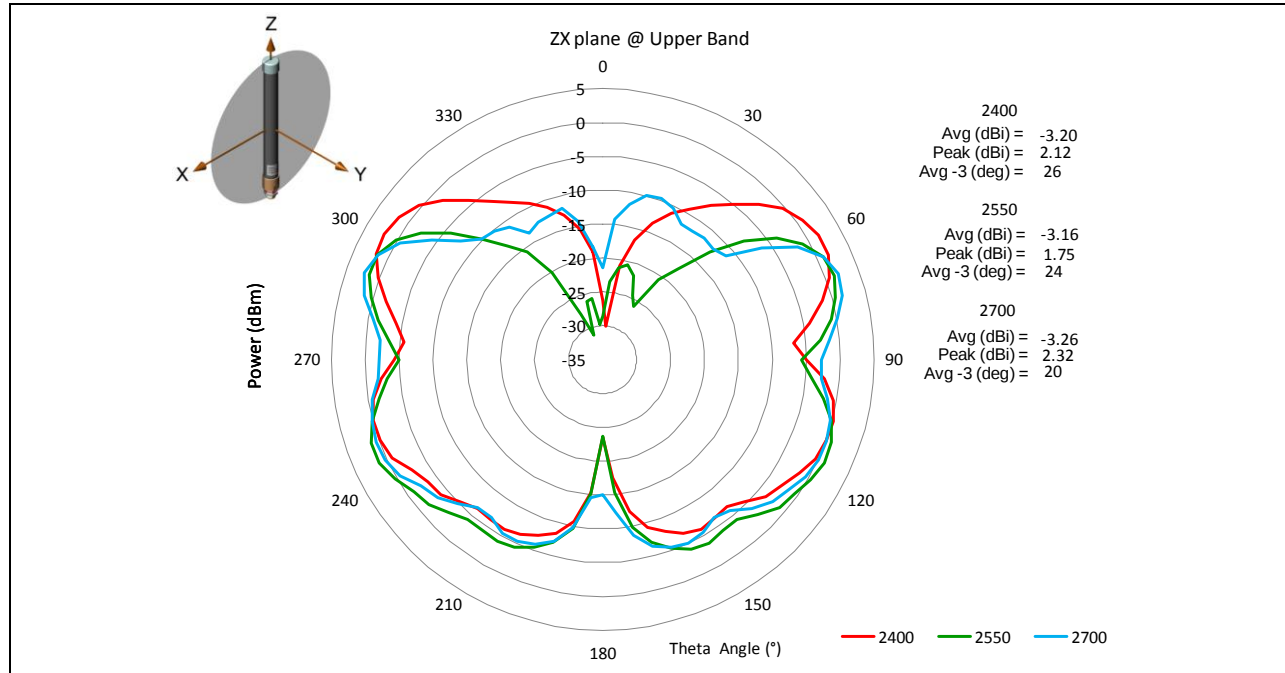
Radome Omni – Omni directional Antenna

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

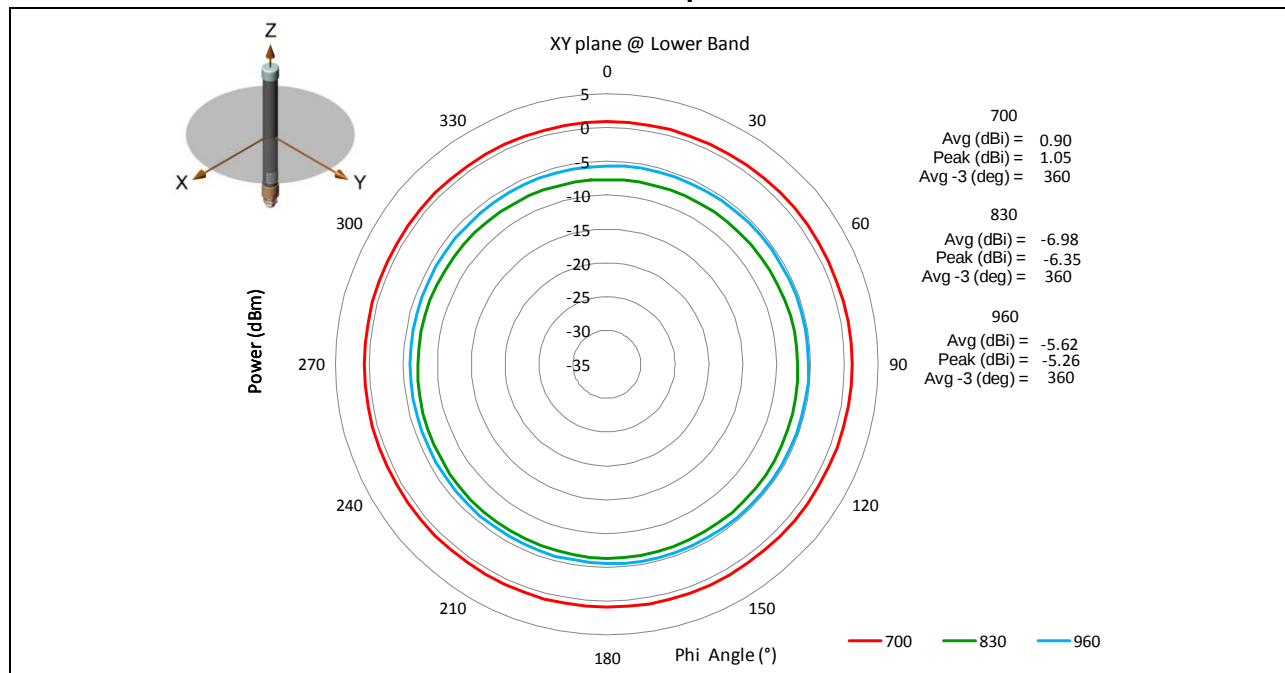
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Series : **ANTENNA**

Vertical plane



Horizontal plane



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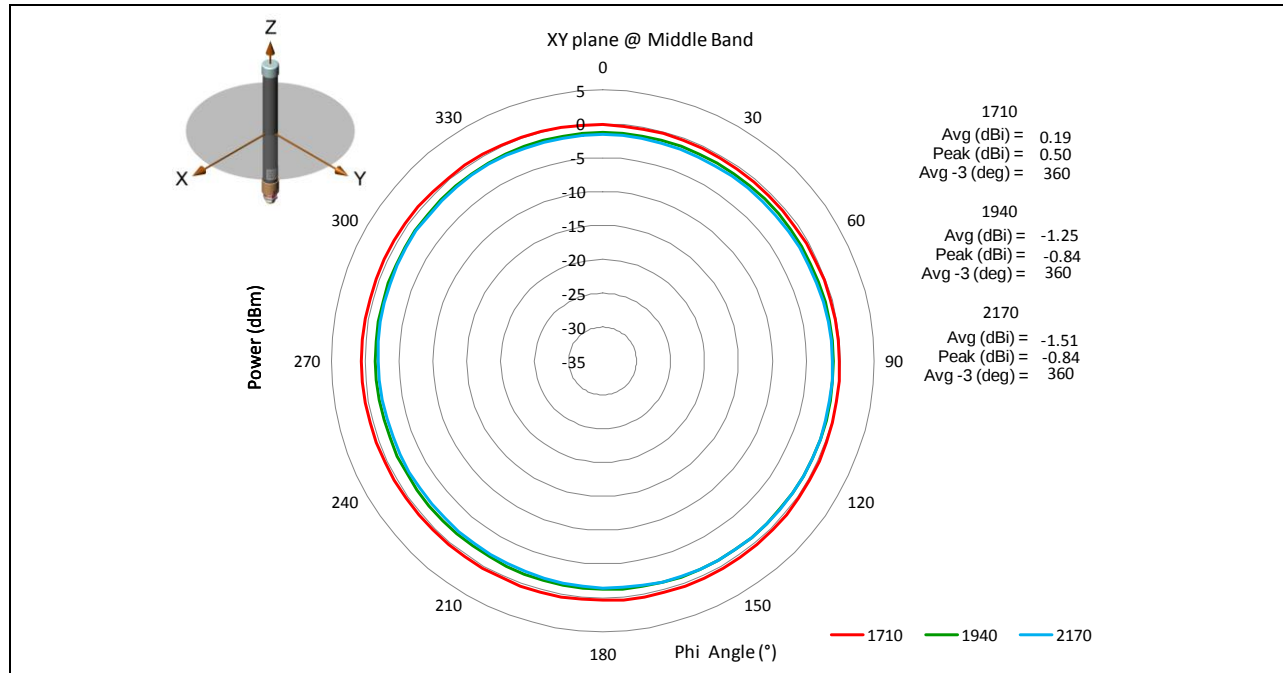
Radome Omni – Omni directional Antenna

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

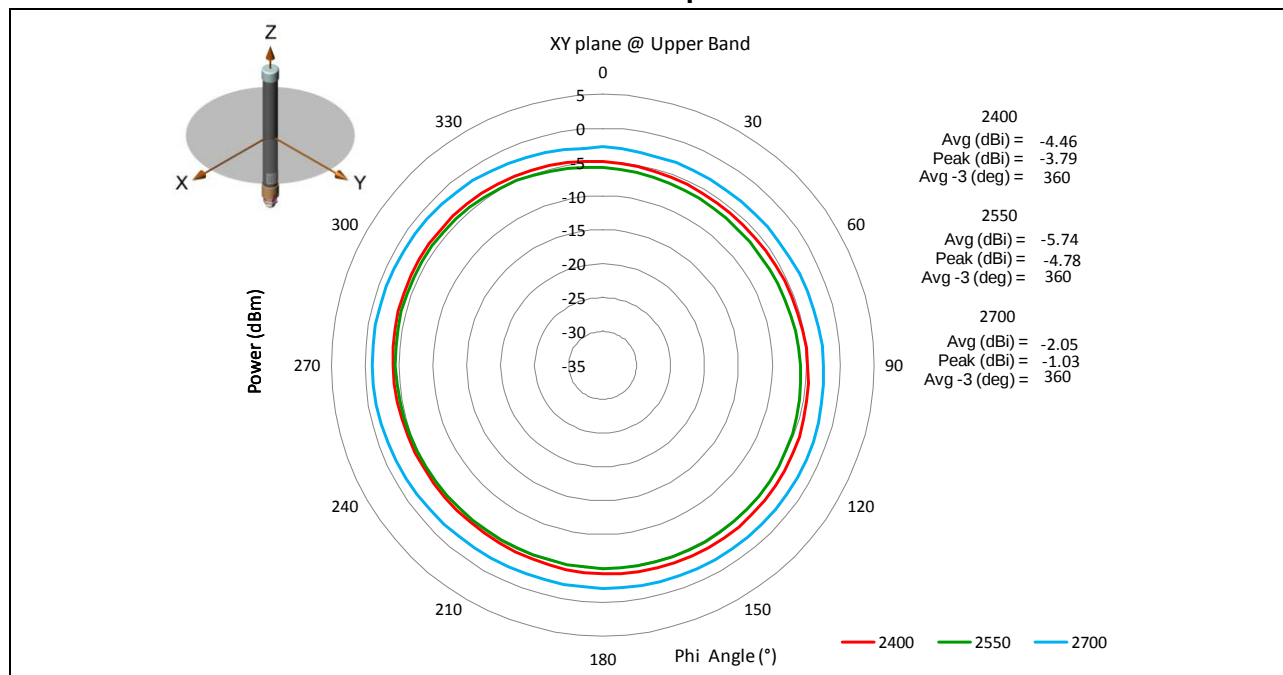
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Series : **ANTENNA**

Horizontal plane



Horizontal plane



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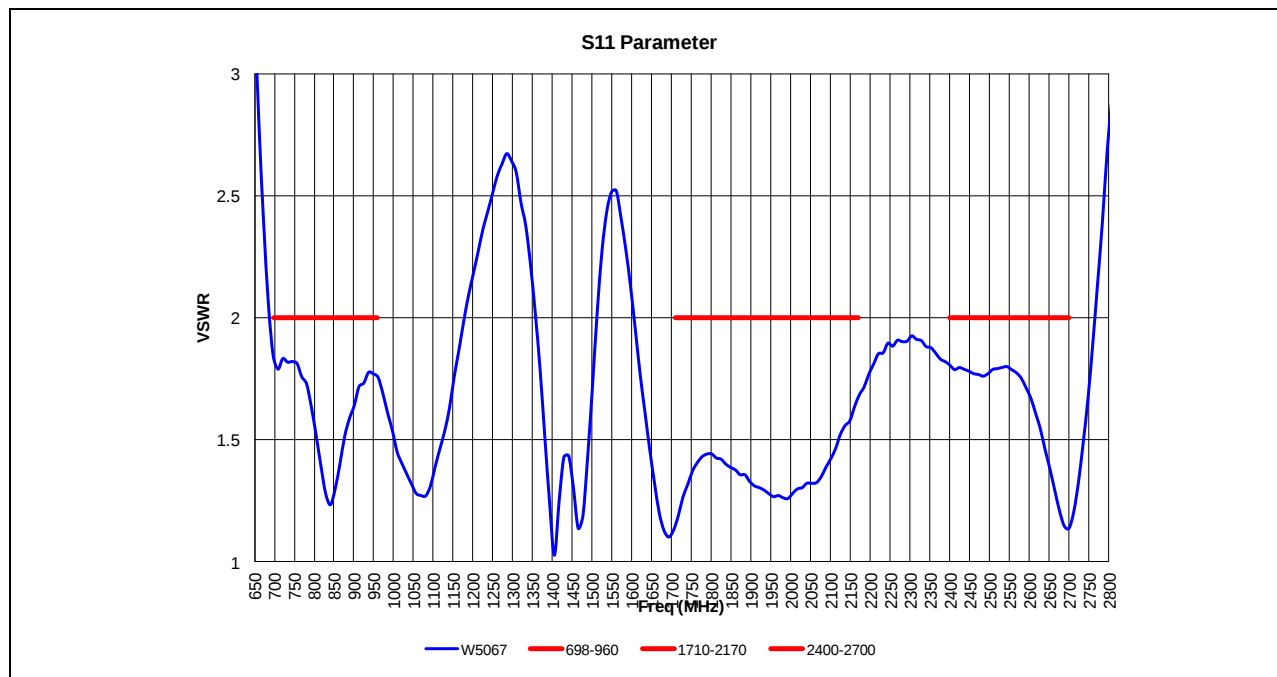
Radome Omni – Omni directional Antenna

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

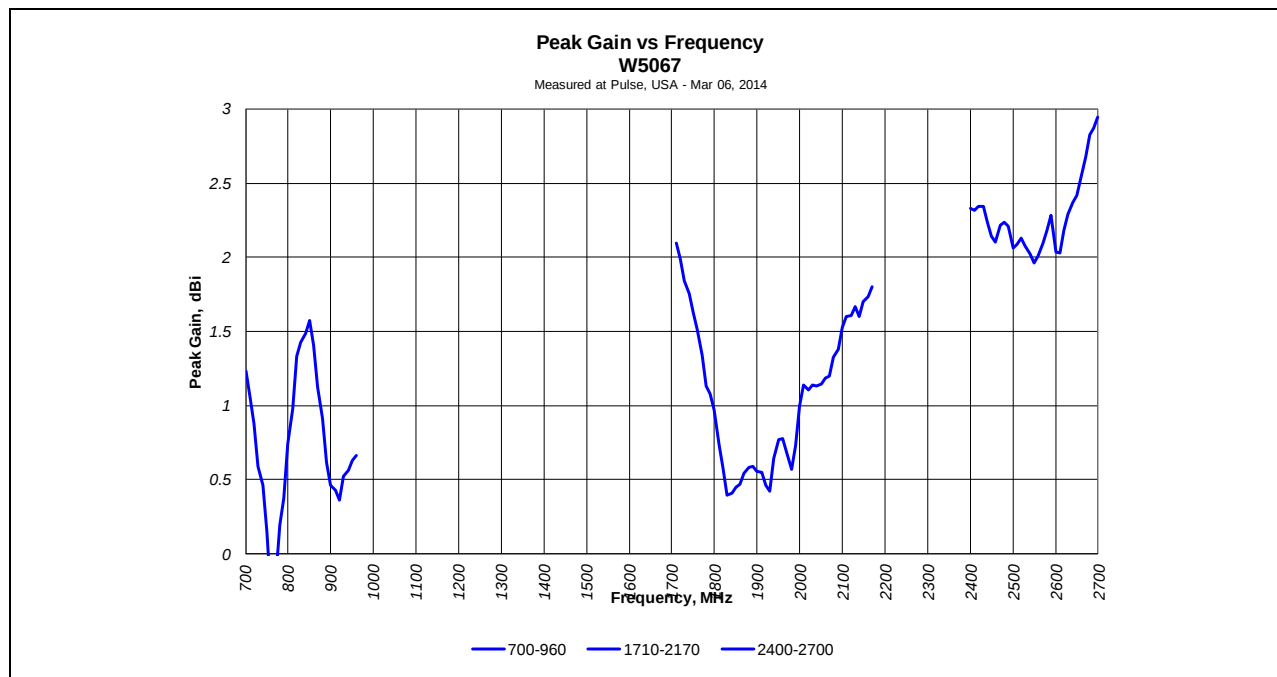
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Series : **ANTENNA**

VSWR



Peak Gain



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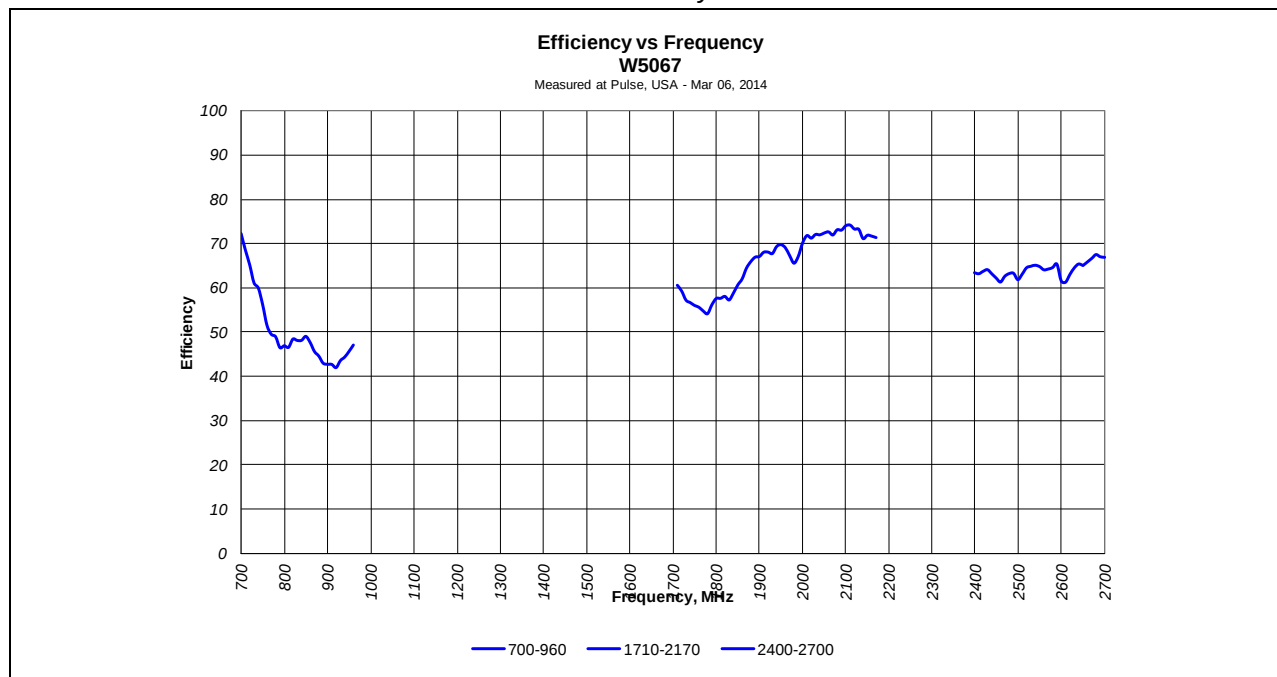
Radome Omni – Omni directional Antenna

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

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Series : ANTENNA

Efficiency



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