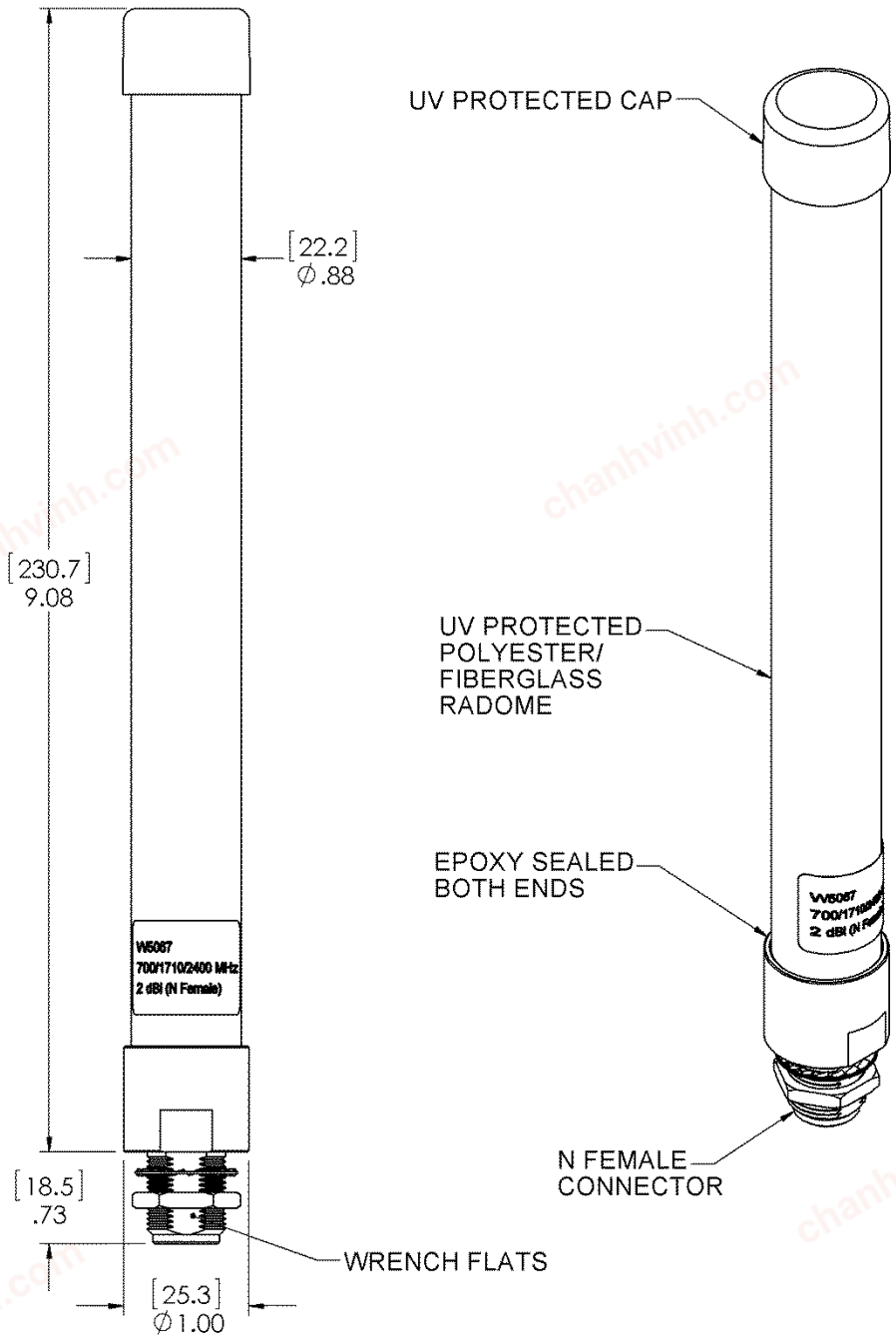
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Radome Omni – Omni directional Antenna

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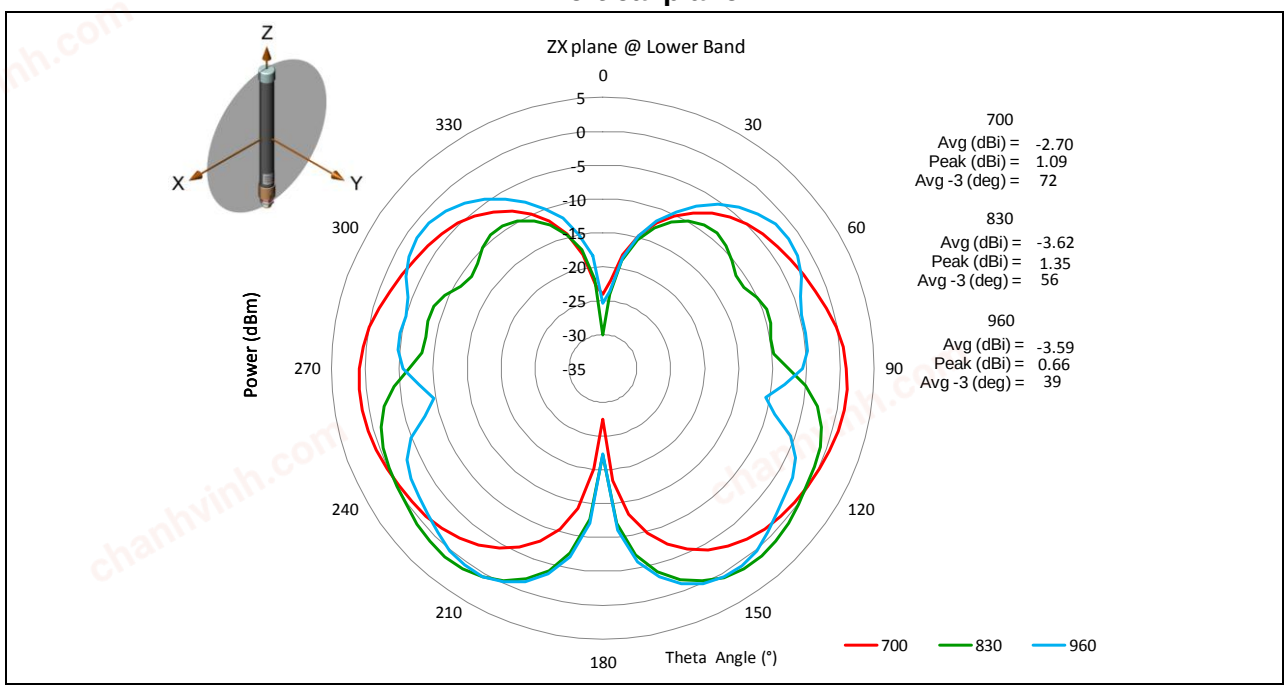
698-960/1710-2170/2400-2700MHz

W5067

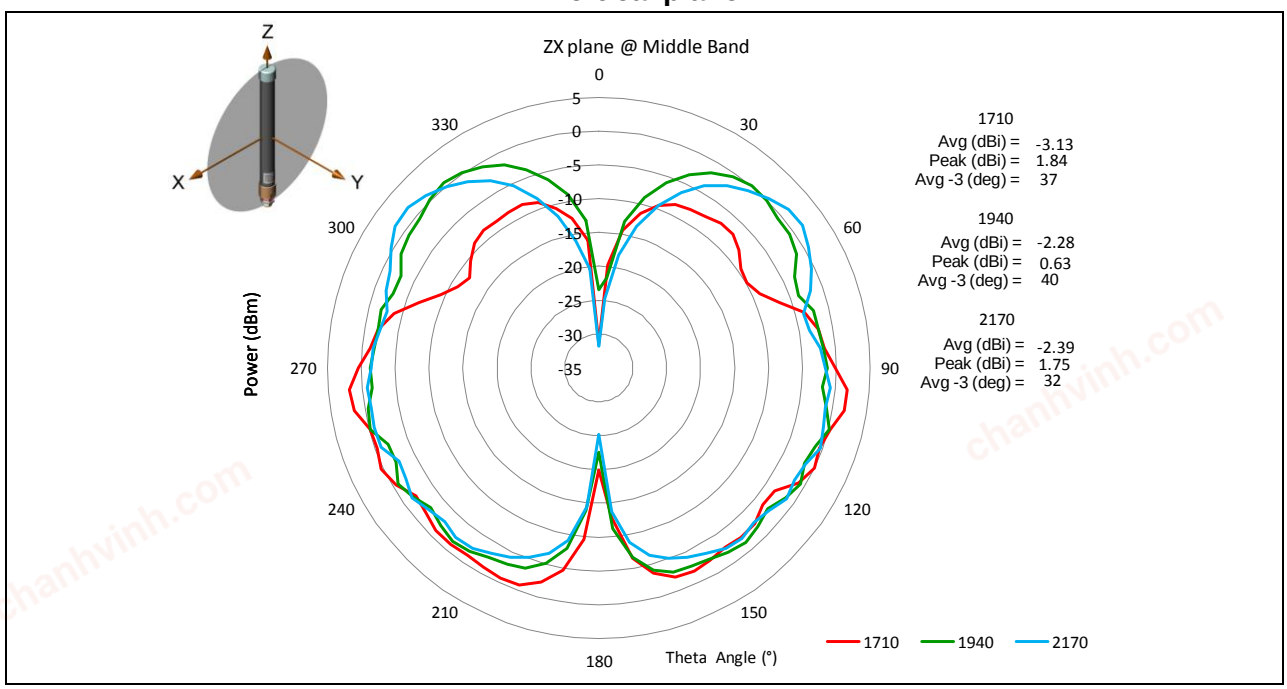
Series : **ANTENNA**

Charts

Vertical plane



Vertical plane



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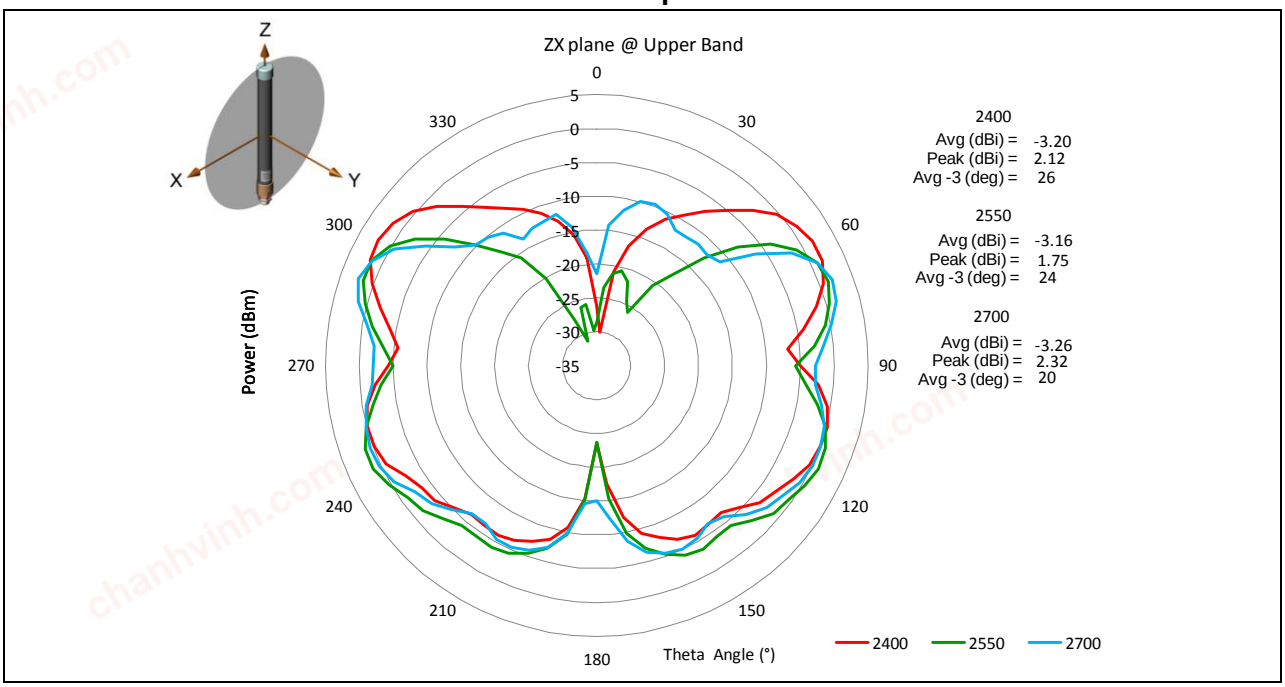
Radome Omni – Omni directional Antenna

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

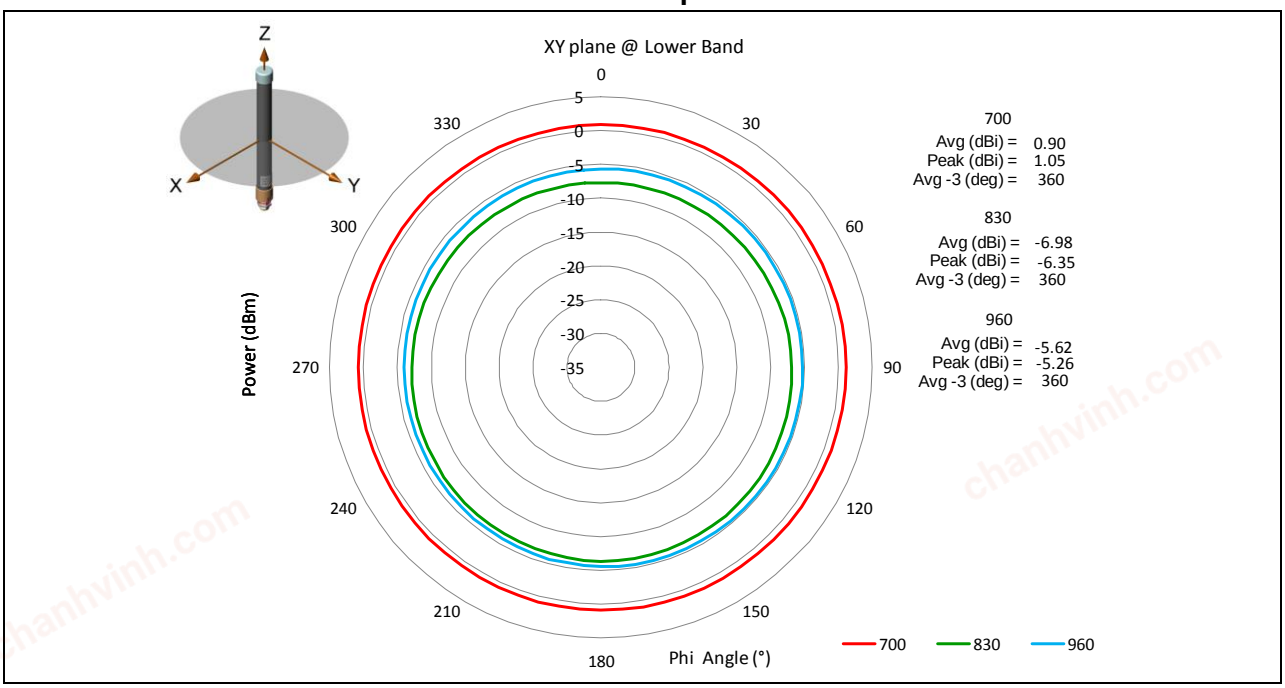
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Series : **ANTENNA**

Vertical plane



Horizontal plane



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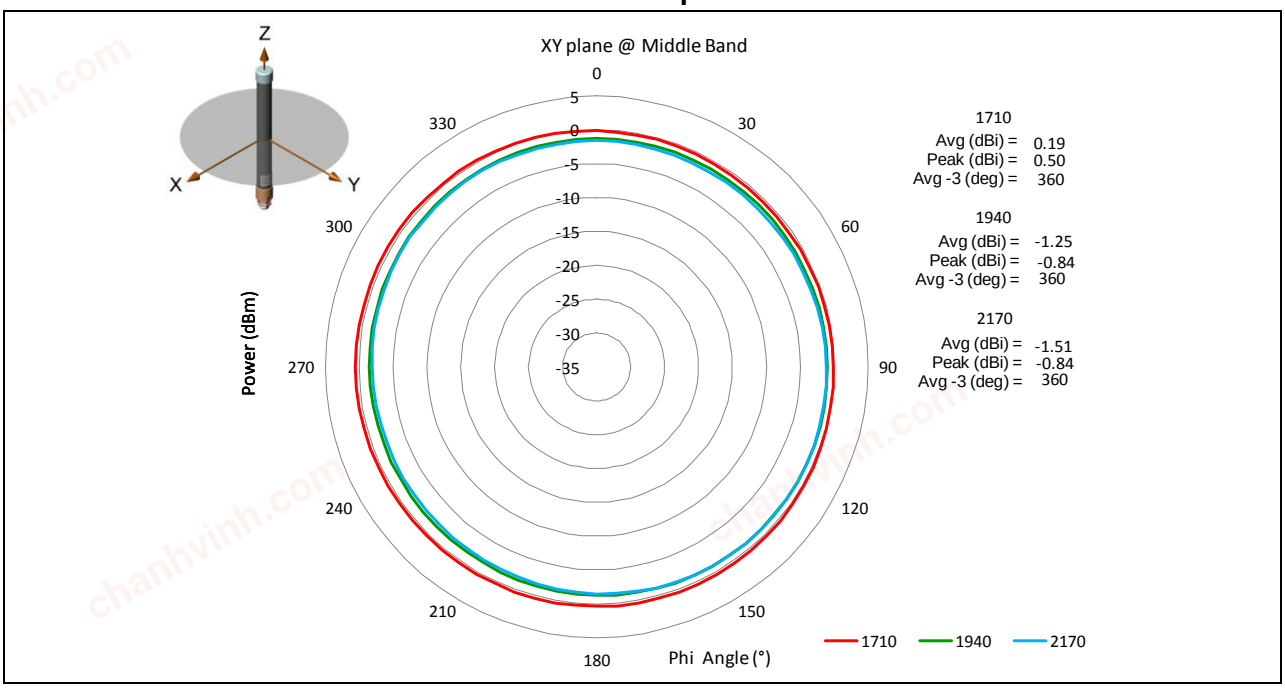
Radome Omni – Omni directional Antenna

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

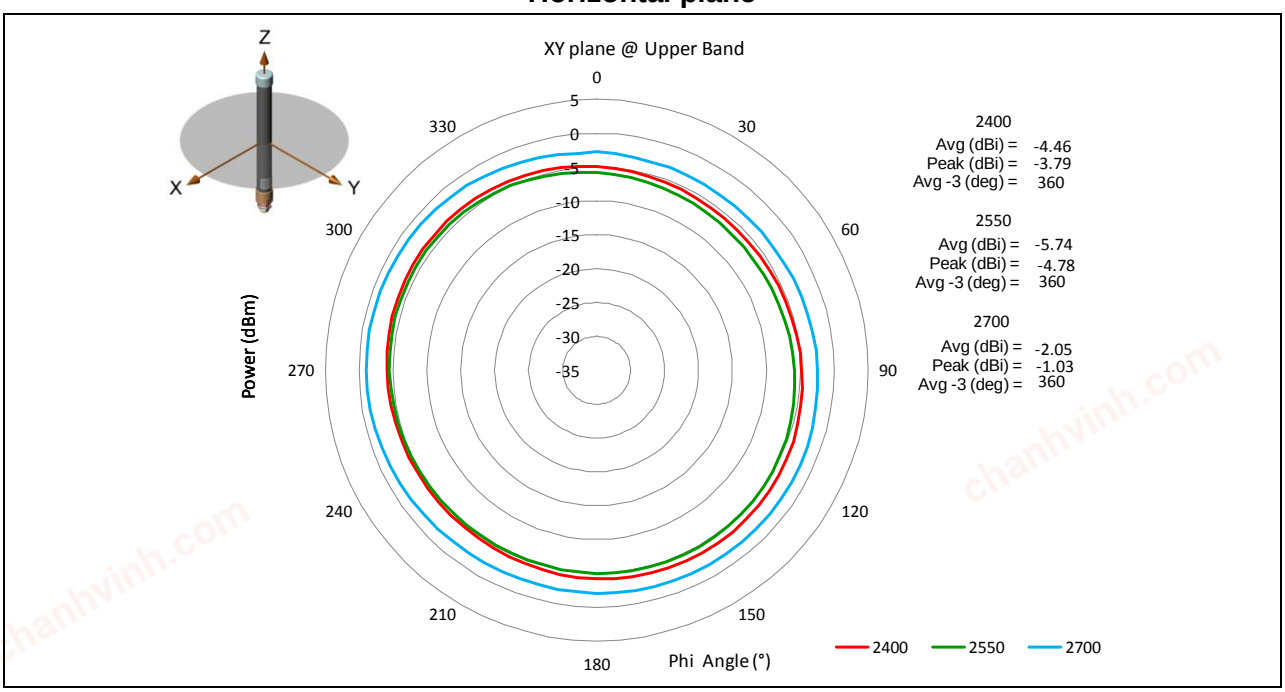
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Series : **ANTENNA**

Horizontal plane



Horizontal plane



Issue: 1414

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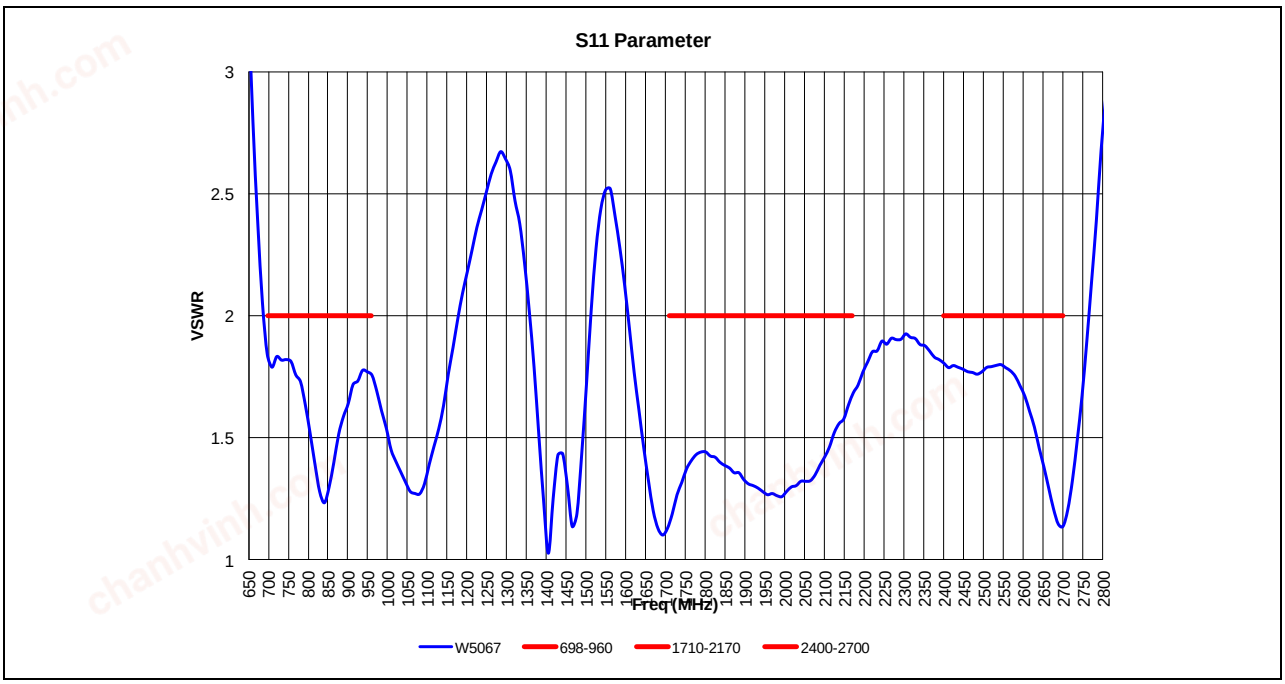
Radome Omni – Omni directional Antenna

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

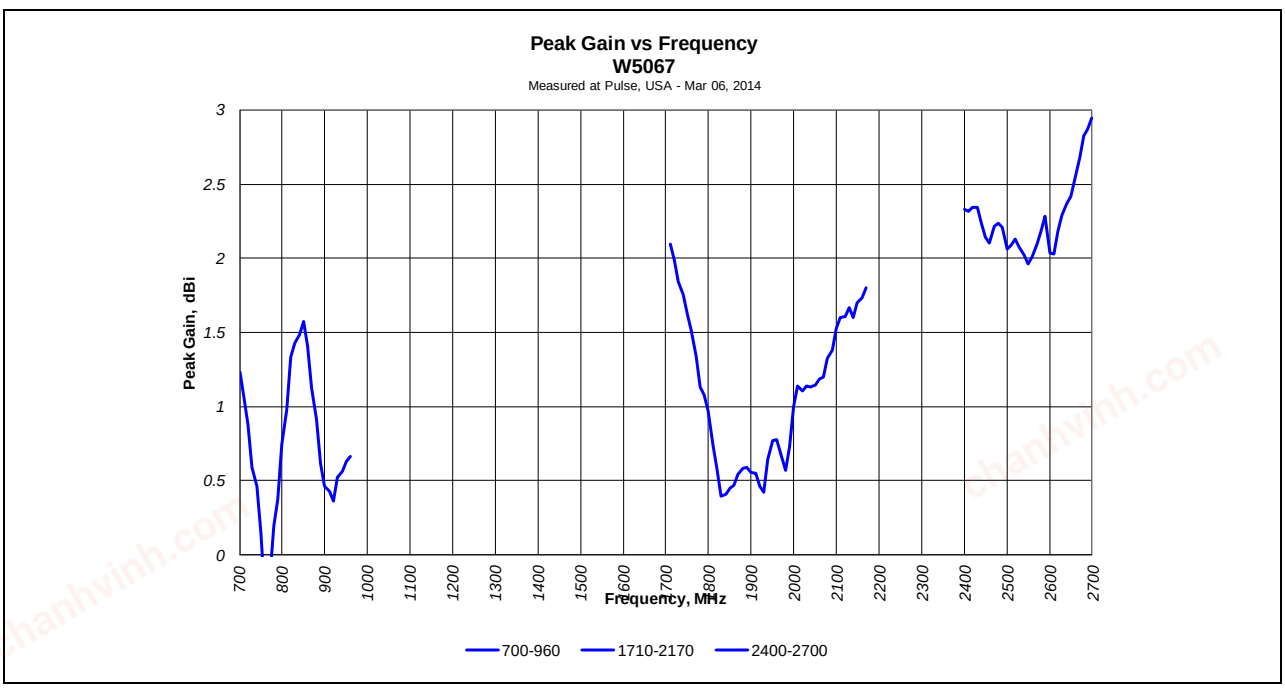
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Series : **ANTENNA**

VSWR



Peak Gain



Issue: 1414

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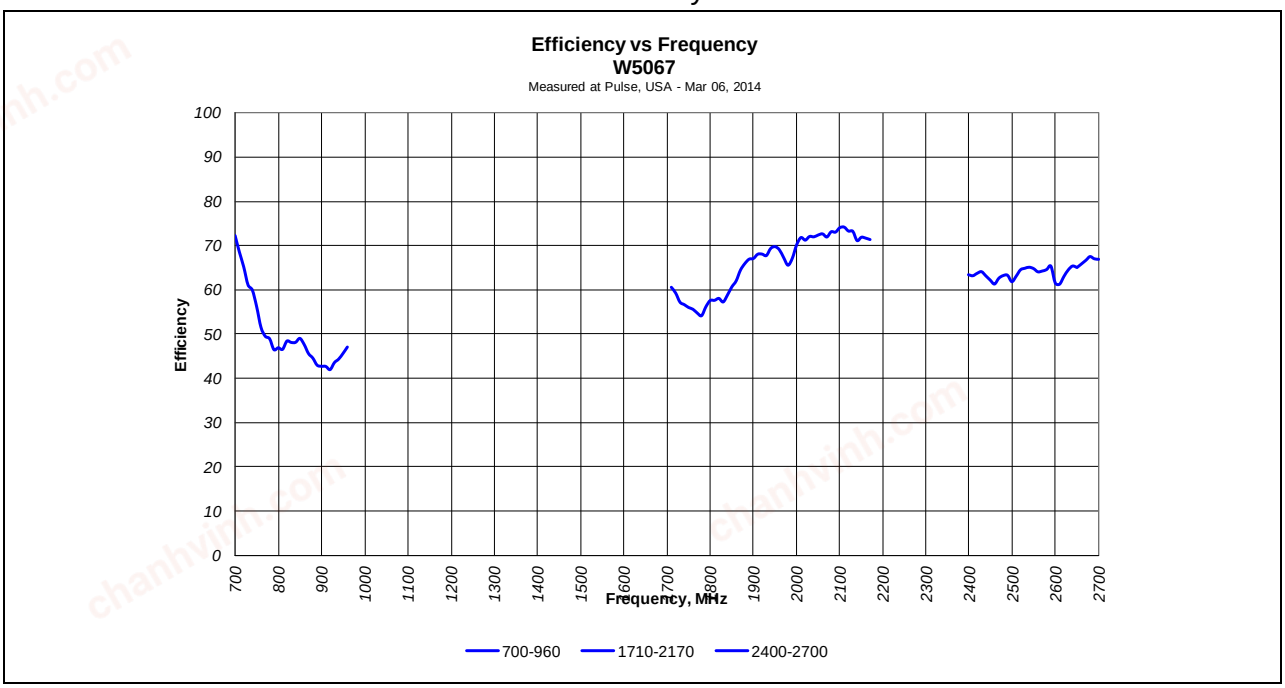
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Series : **ANTENNA**

Efficiency



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