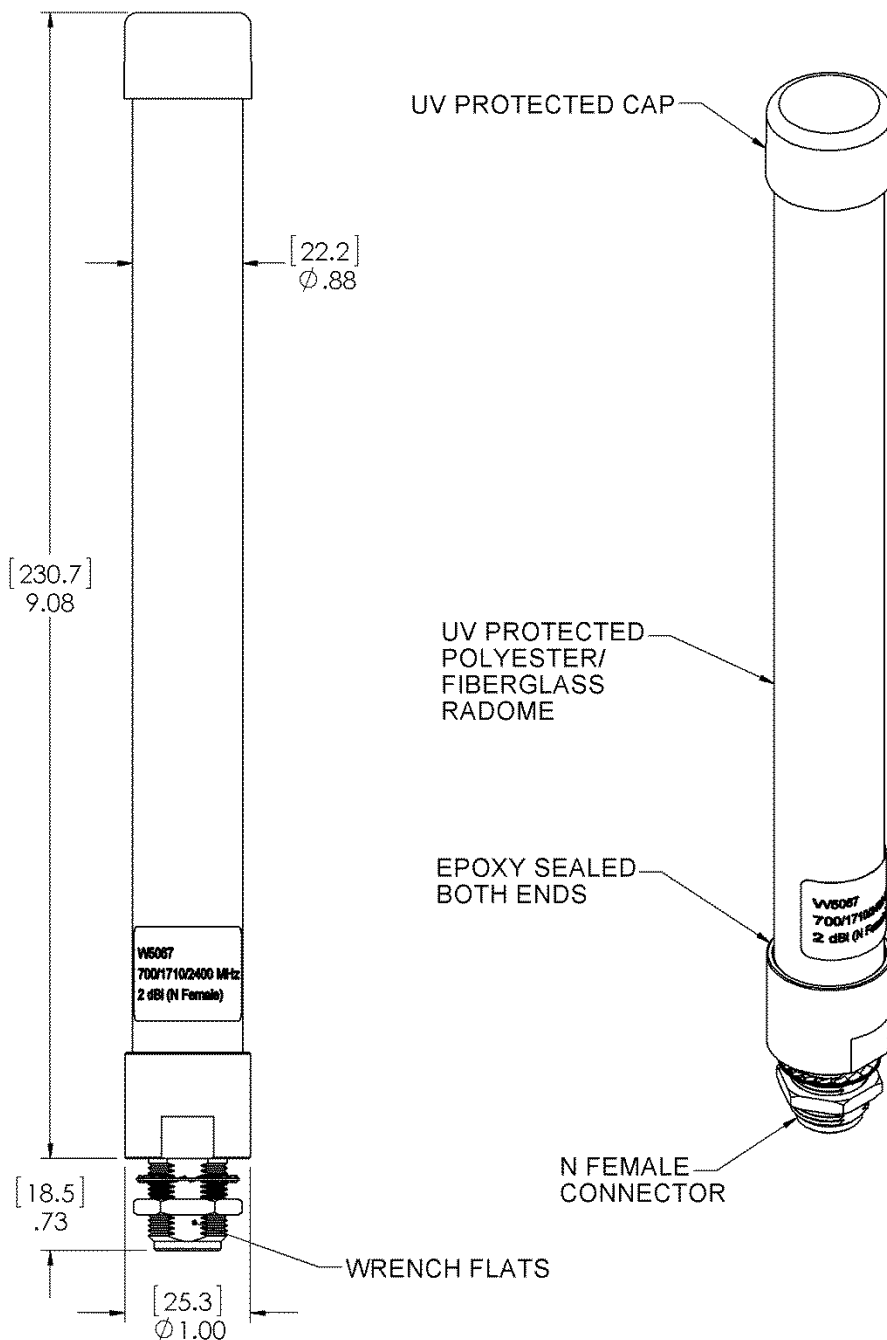


**Radome Omni – Omni directional Antenna**

**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**

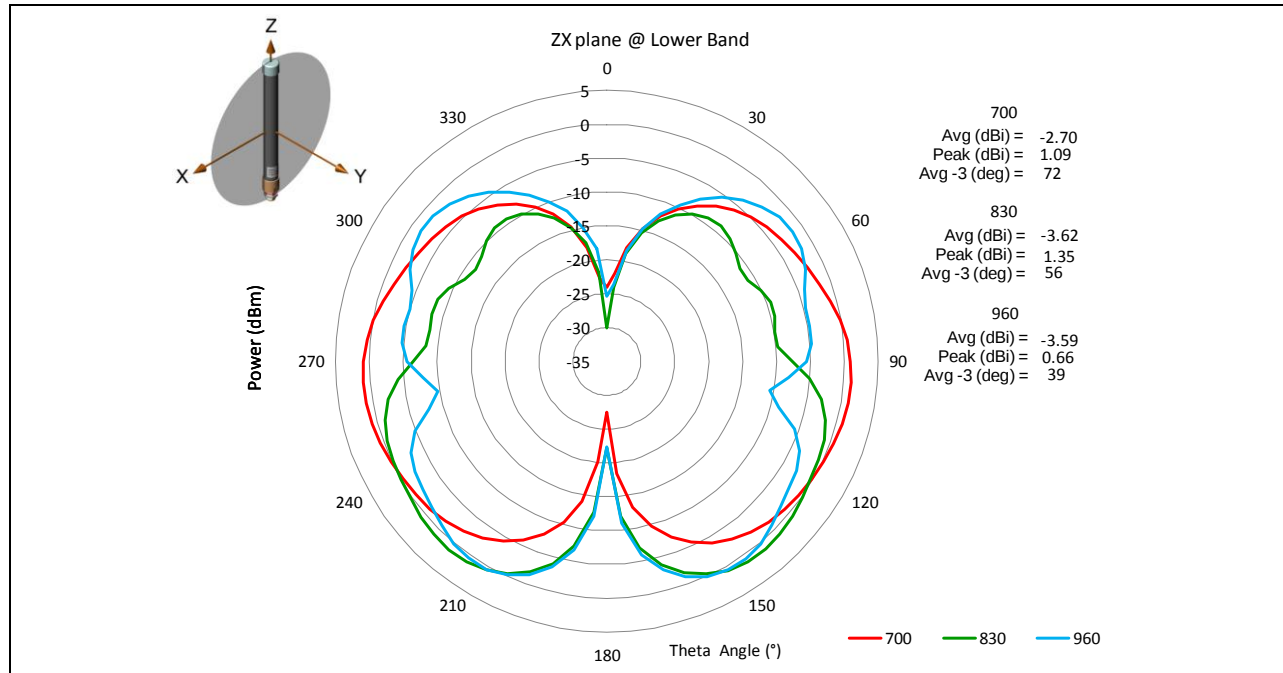
**698-960/1710-2170/2400-2700MHz**

**W5067**

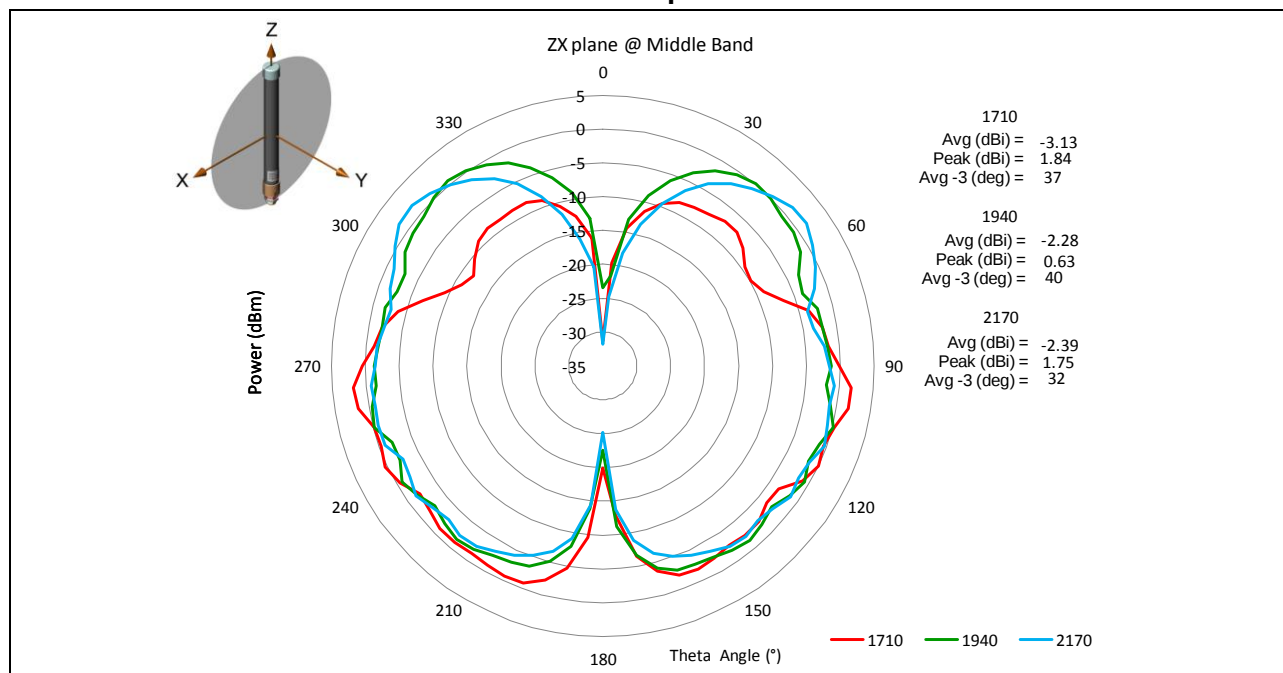
Series : **ANTENNA**

**Charts**

**Vertical plane**



**Vertical plane**



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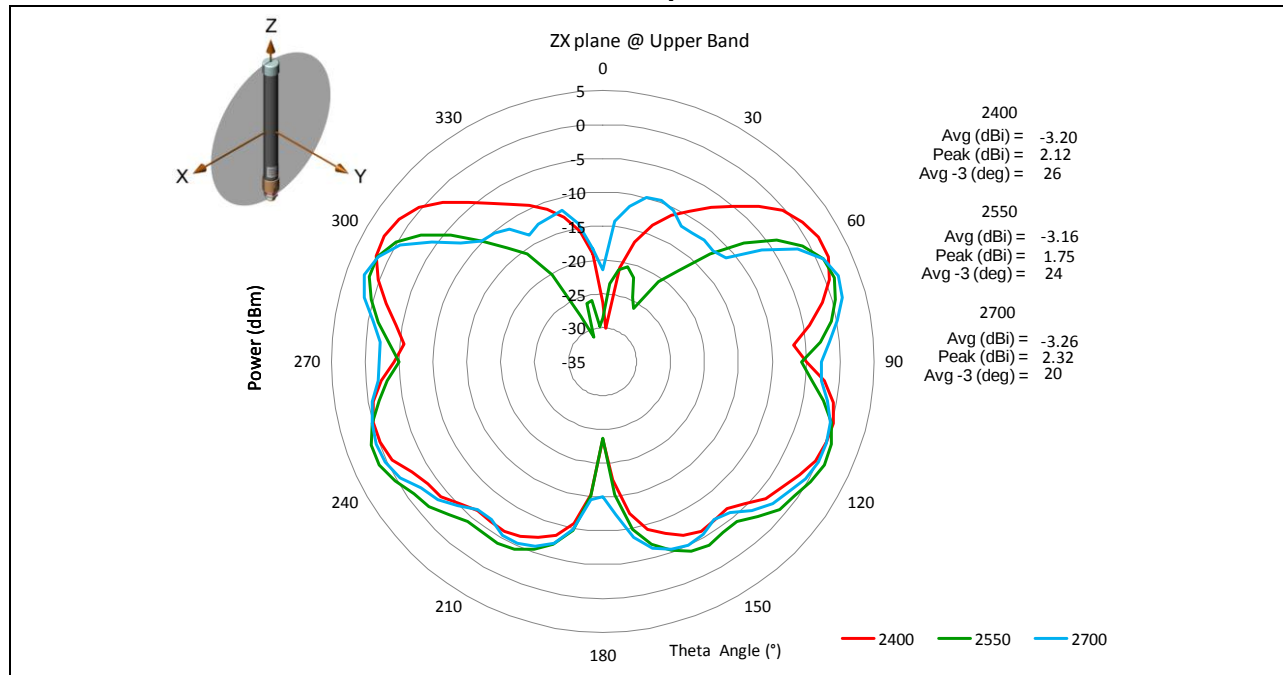
**Radome Omni – Omni directional Antenna**

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

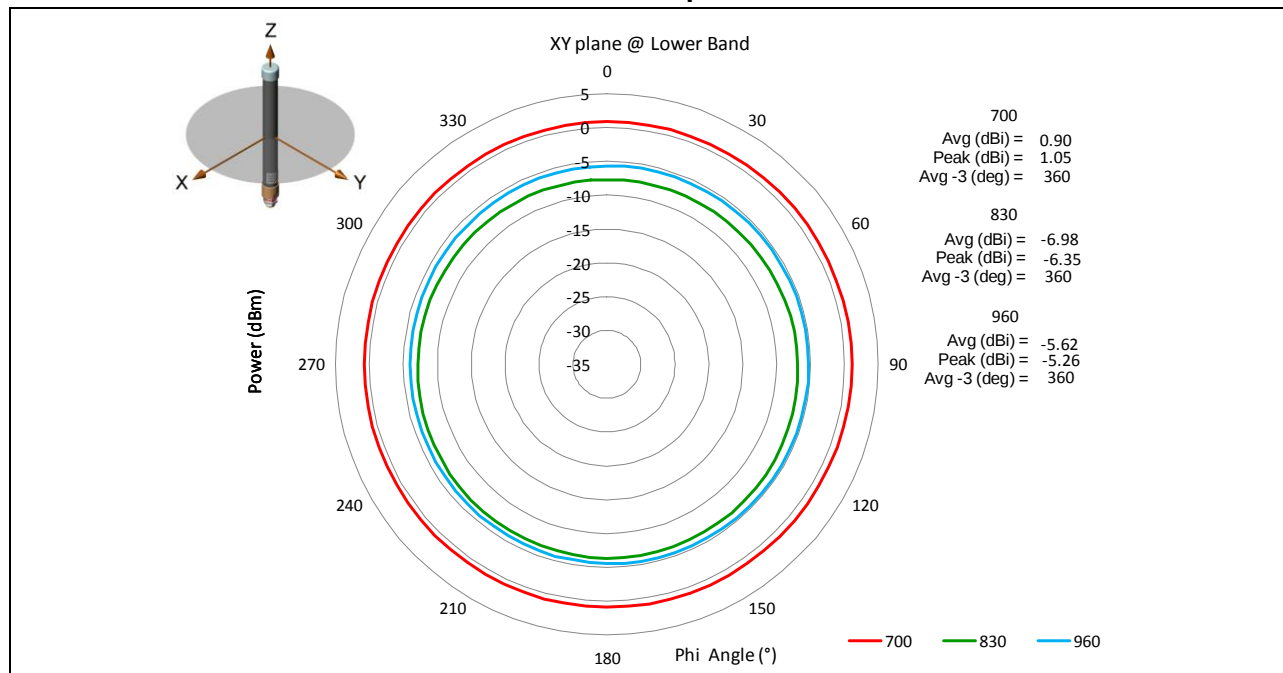
**W5067**

Series : **ANTENNA**

**Vertical plane**



**Horizontal plane**



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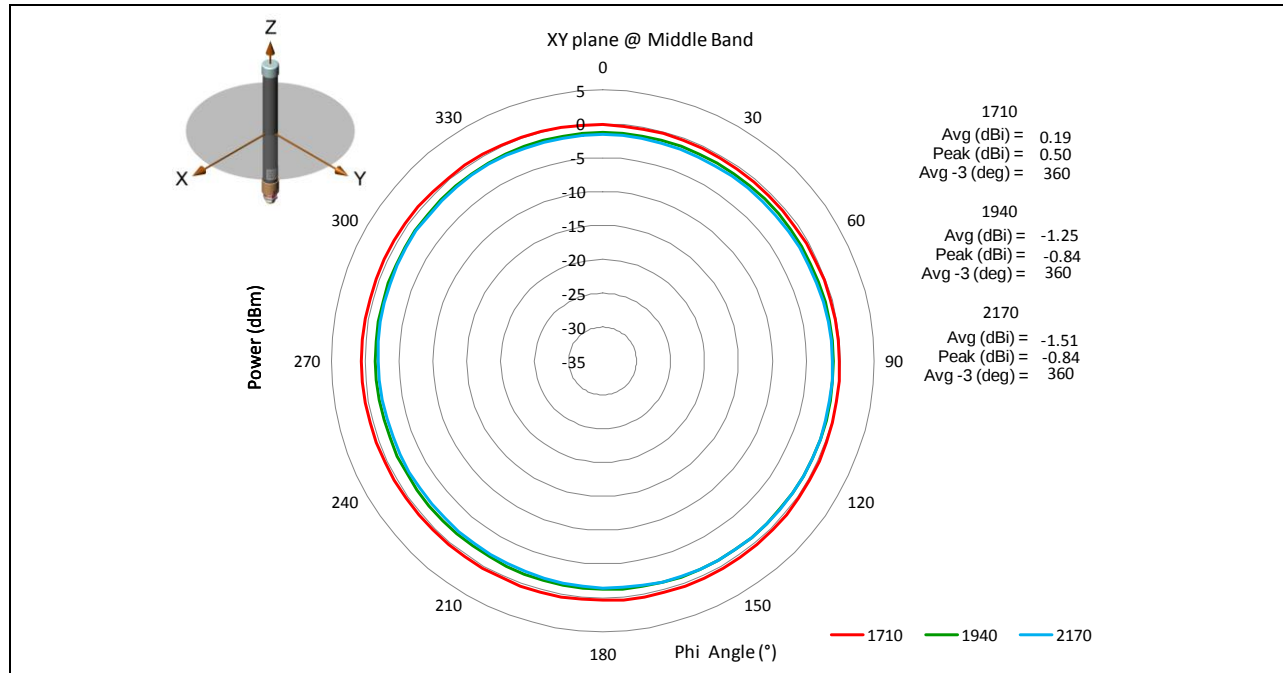
**Radome Omni – Omni directional Antenna**

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

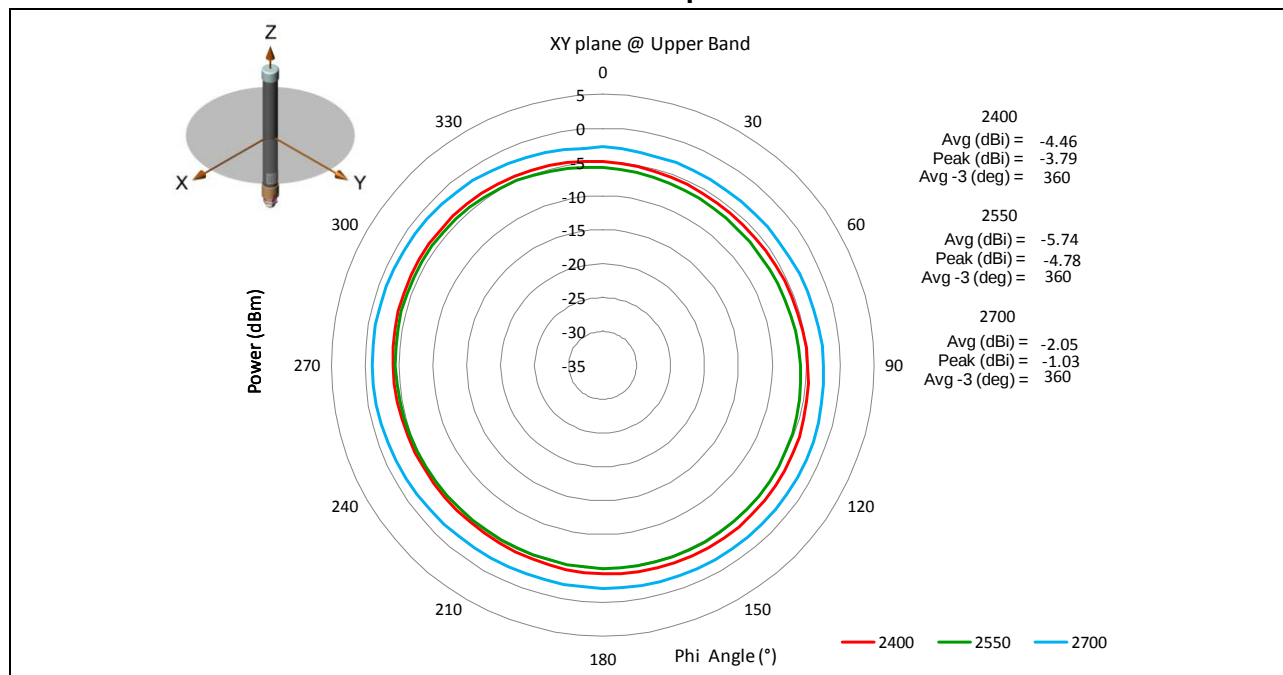
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Series : **ANTENNA**

**Horizontal plane**



**Horizontal plane**



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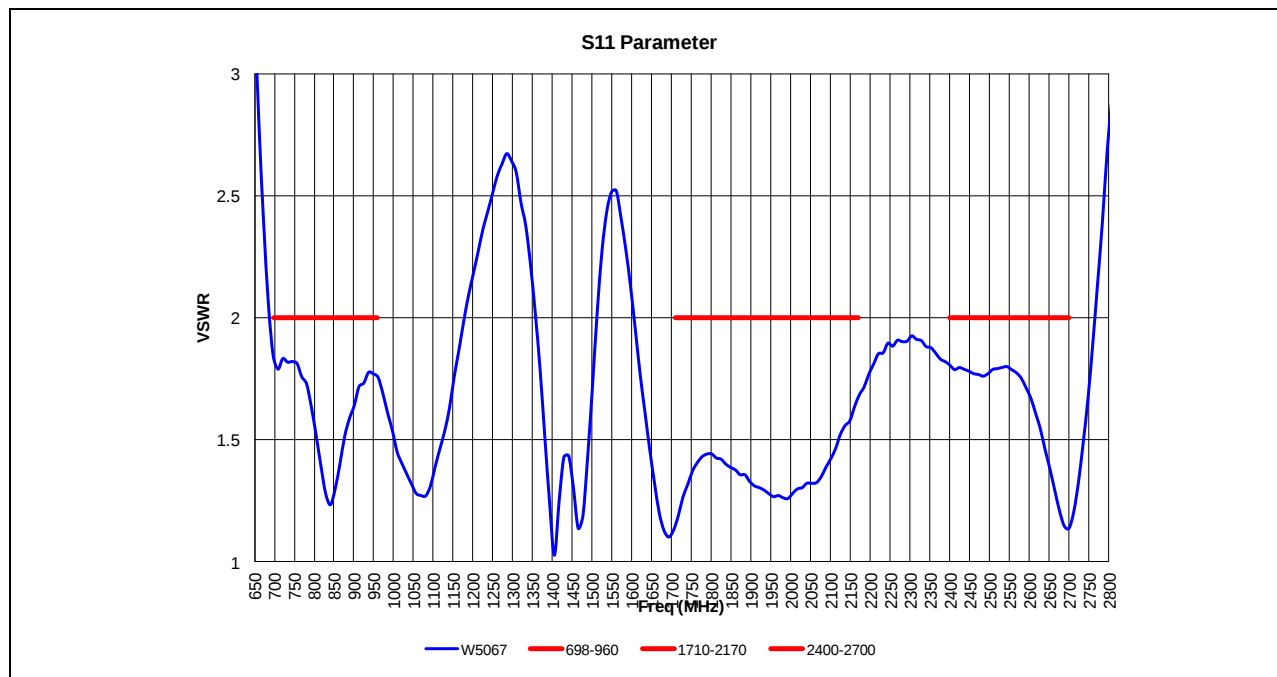
## Radome Omni – Omni directional Antenna

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

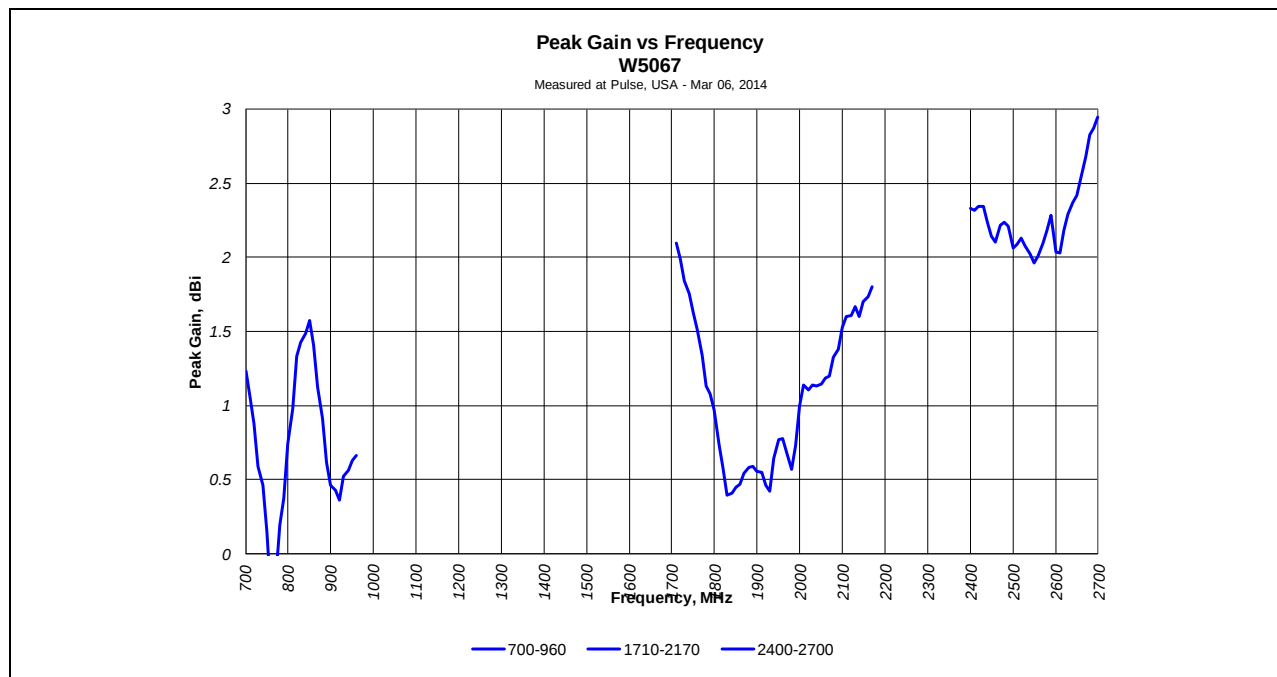
## W5067

Series : ANTENNA

### VSWR



### Peak Gain



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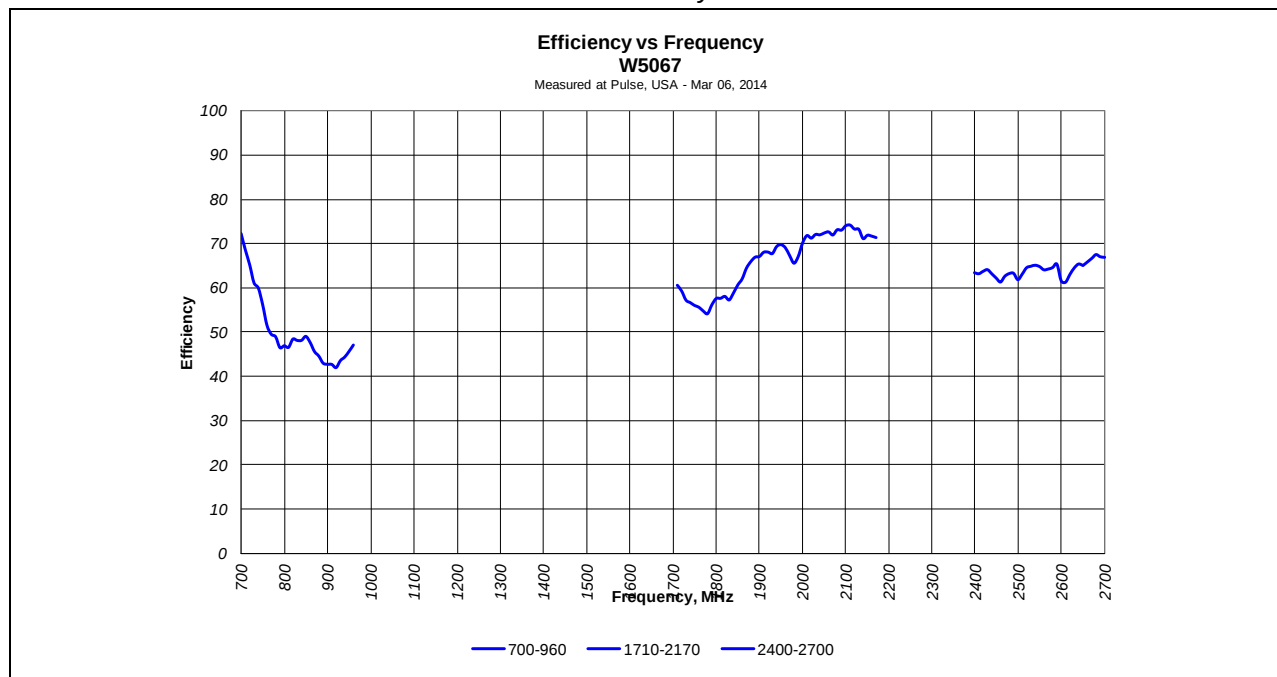
## Radome Omni – Omni directional Antenna

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

## W5067

Series : ANTENNA

### Efficiency



### Issue: 1414

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