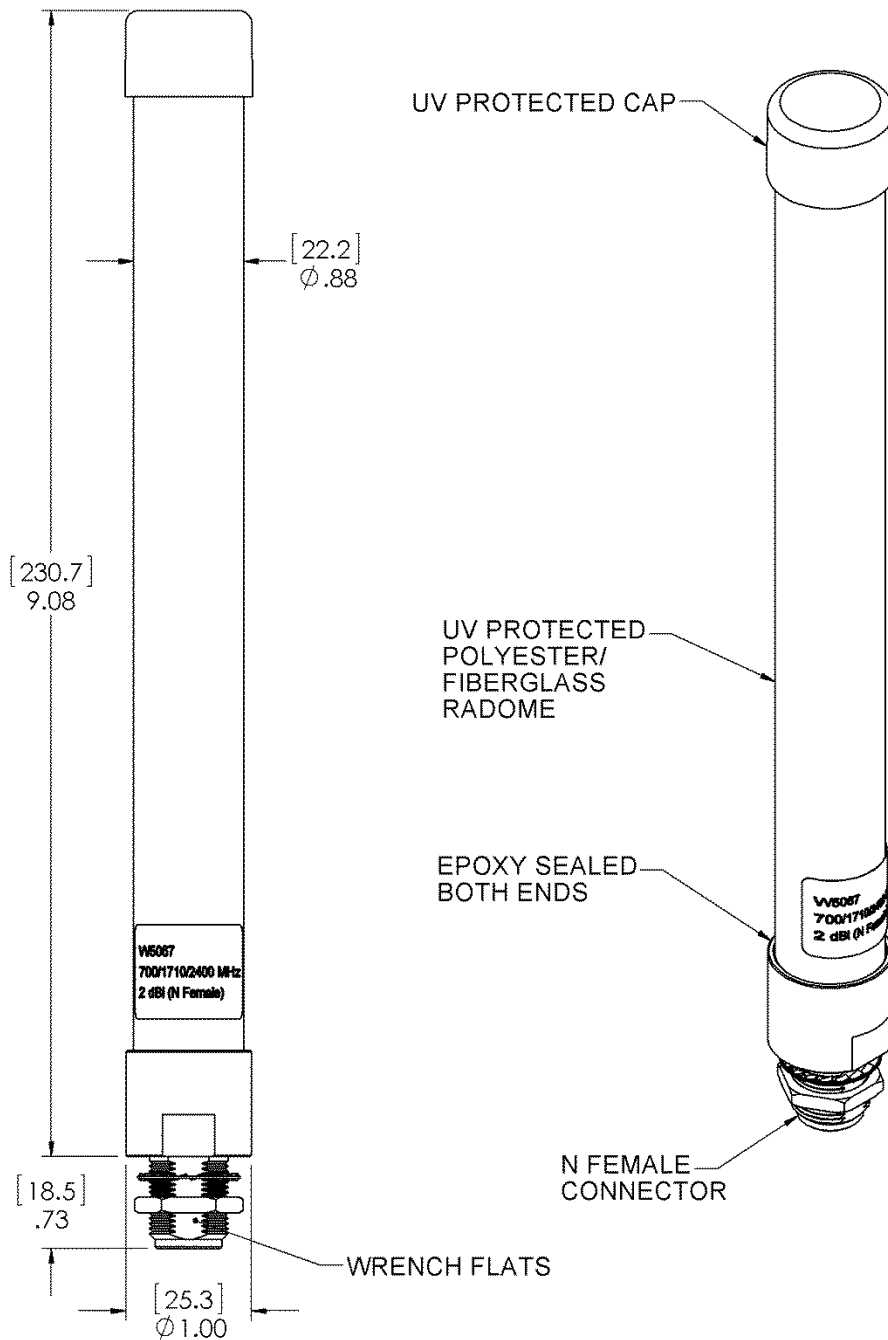


**Radome Omni – Omni directional Antenna**

**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.

**CONFIDENTIAL AND PROPRIETARY INFORMATION**

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden



**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 |
|-----------------------|-------------|

**Issue: 1414**

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

**CONFIDENTIAL AND PROPRIETARY INFORMATION**

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden



**Radome Omni – Omni directional Antenna**

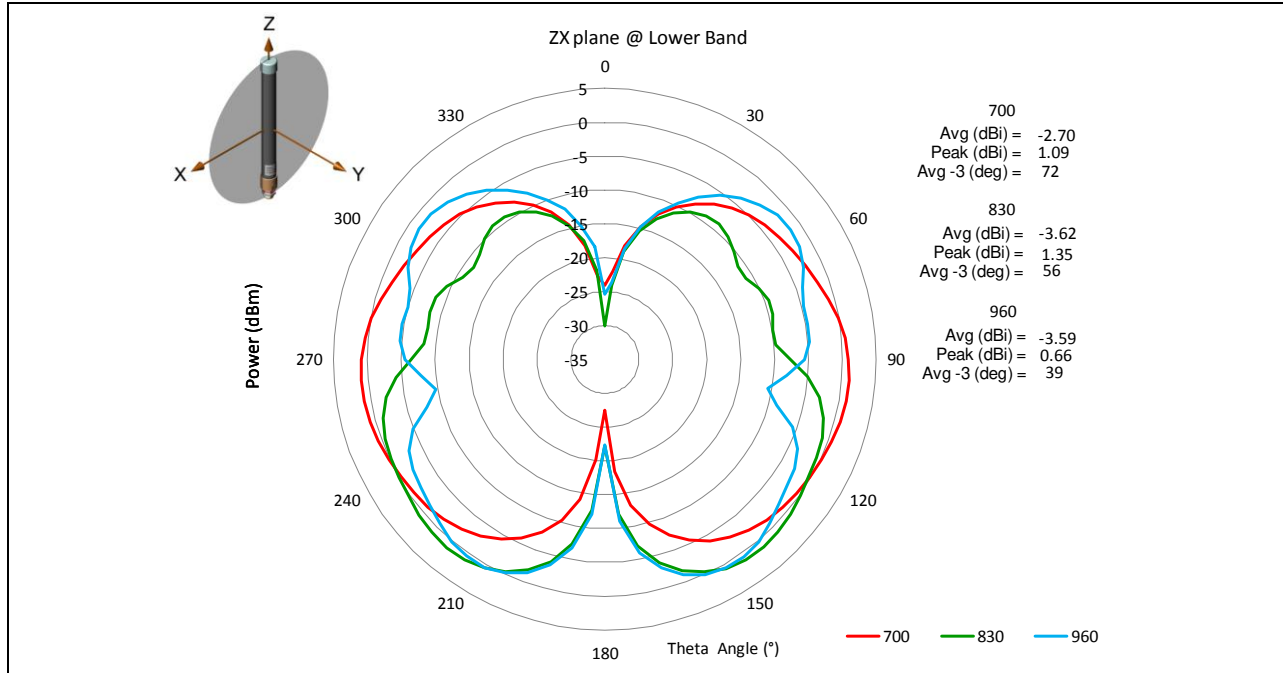
**698-960/1710-2170/2400-2700MHz**

**W5067**

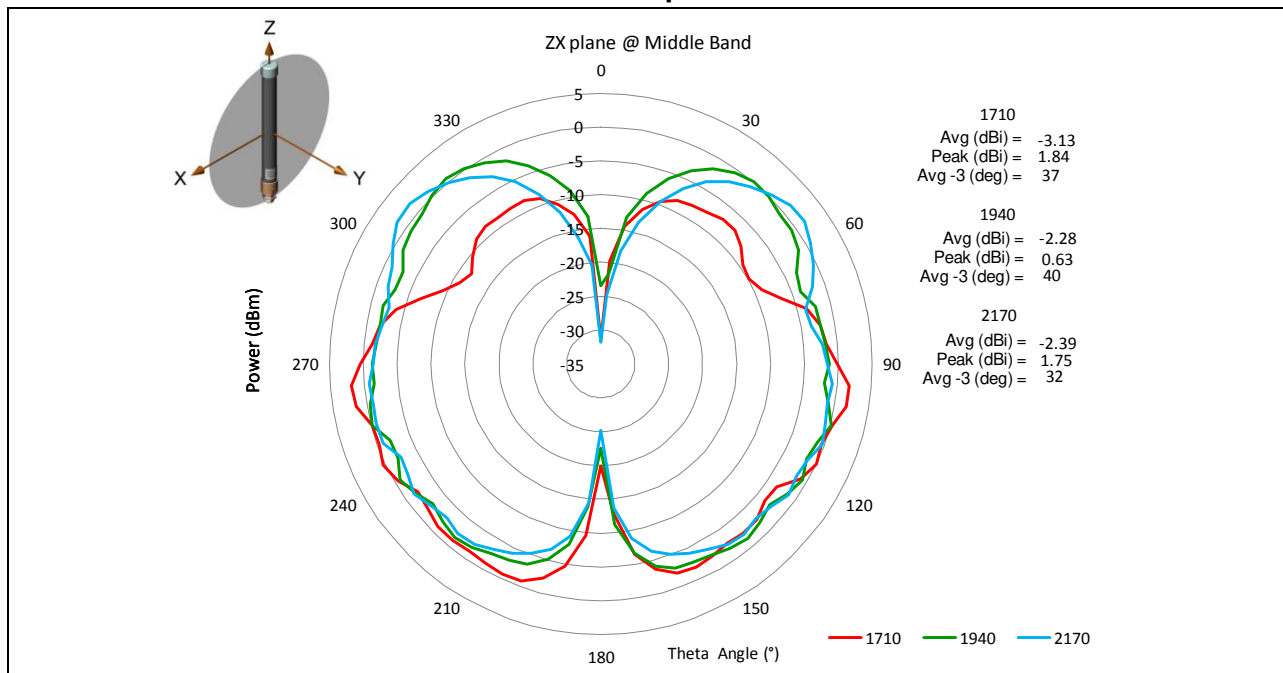
Series : **ANTENNA**

**Charts**

**Vertical plane**



**Vertical plane**



**Issue: 1414**

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

**CONFIDENTIAL AND PROPRIETARY INFORMATION**

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden



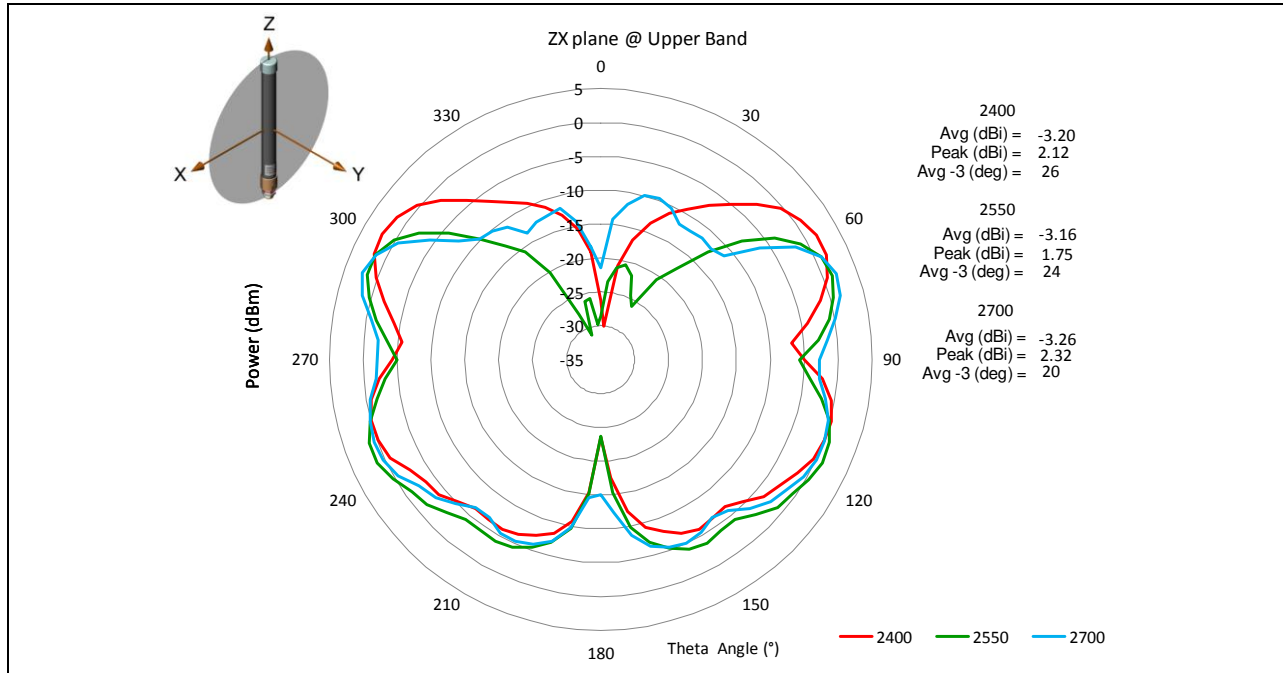
**Radome Omni – Omni directional Antenna**

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

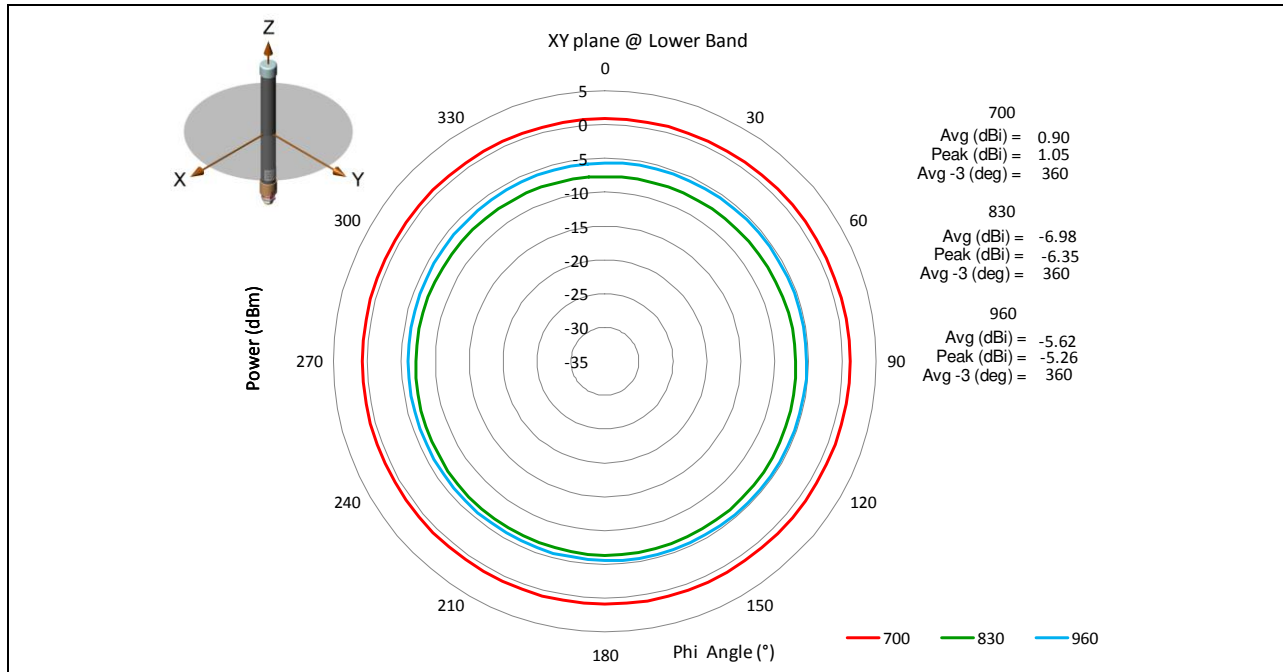
**W5067**

Series : **ANTENNA**

**Vertical plane**



**Horizontal plane**



**Issue: 1414**

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

**CONFIDENTIAL AND PROPRIETARY INFORMATION**

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden



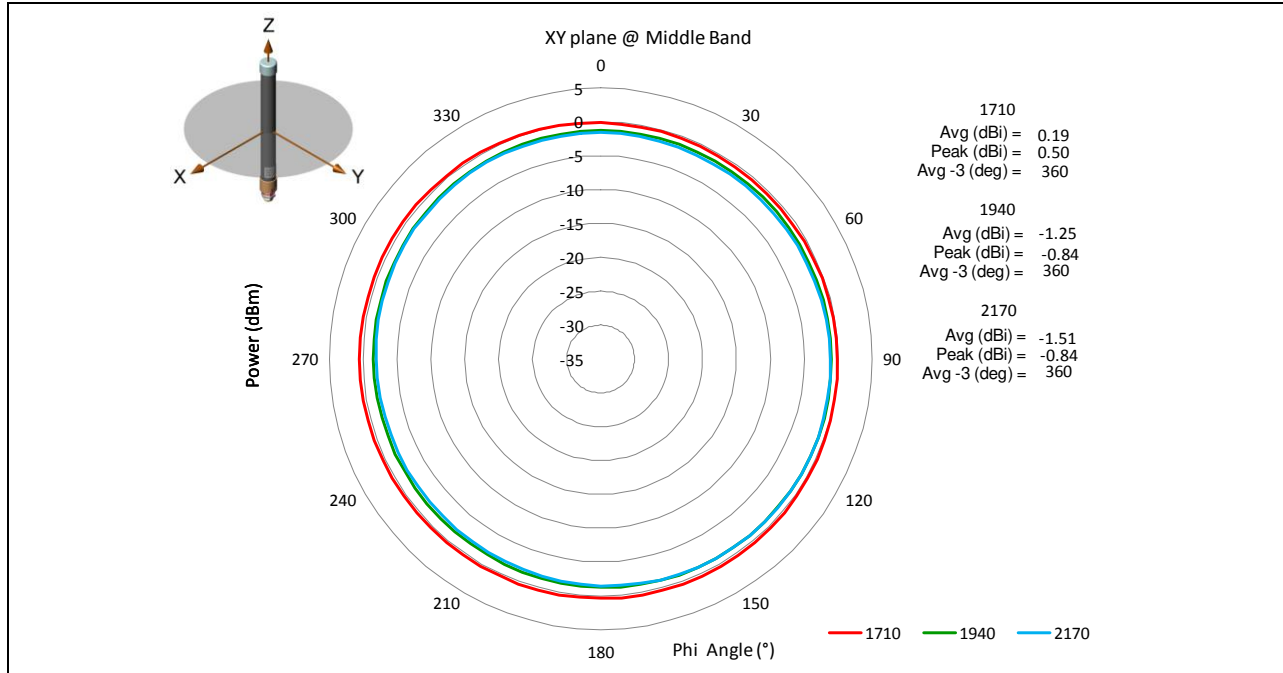
**Radome Omni – Omni directional Antenna**

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

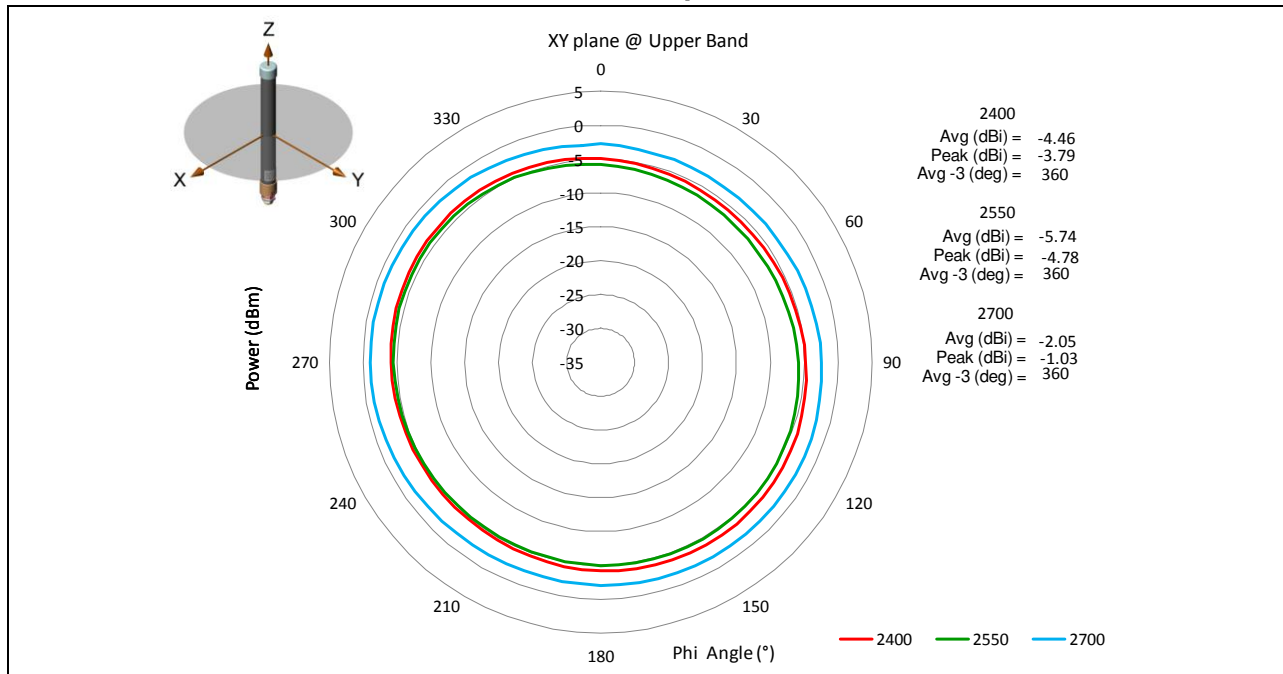
**W5067**

Series : **ANTENNA**

**Horizontal plane**



**Horizontal plane**



**Issue: 1414**

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

**CONFIDENTIAL AND PROPRIETARY INFORMATION**

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden



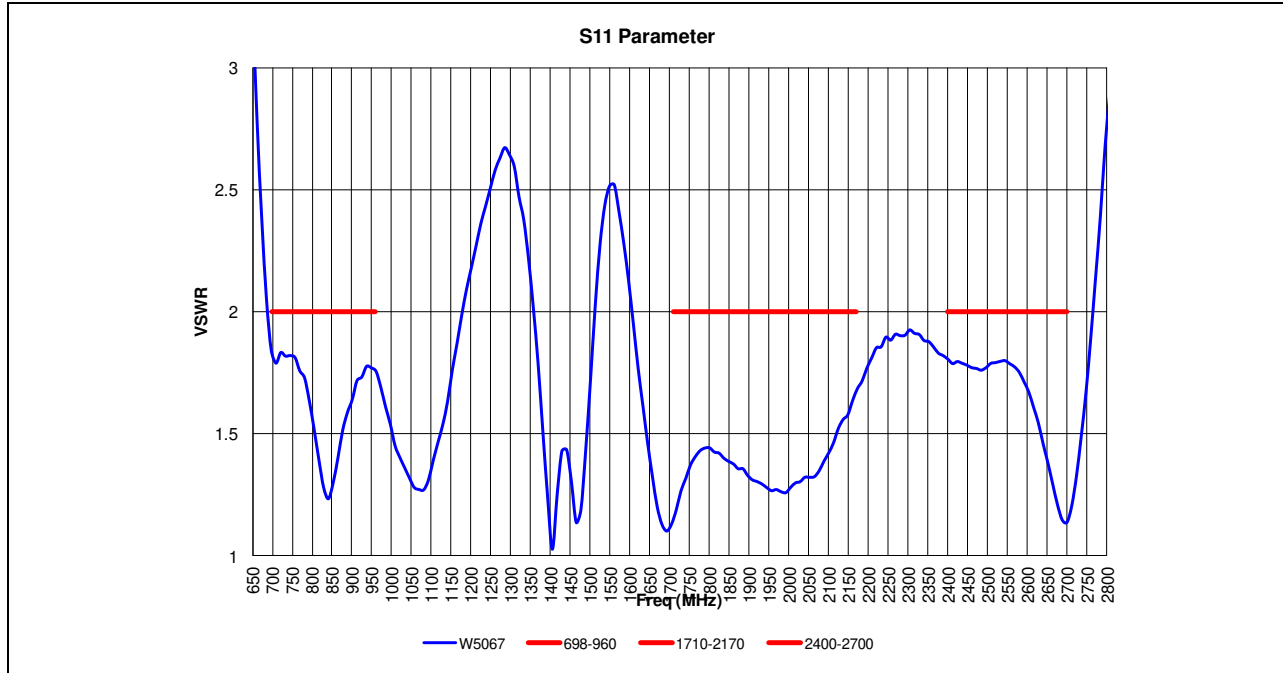
**Radome Omni – Omni directional Antenna**

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

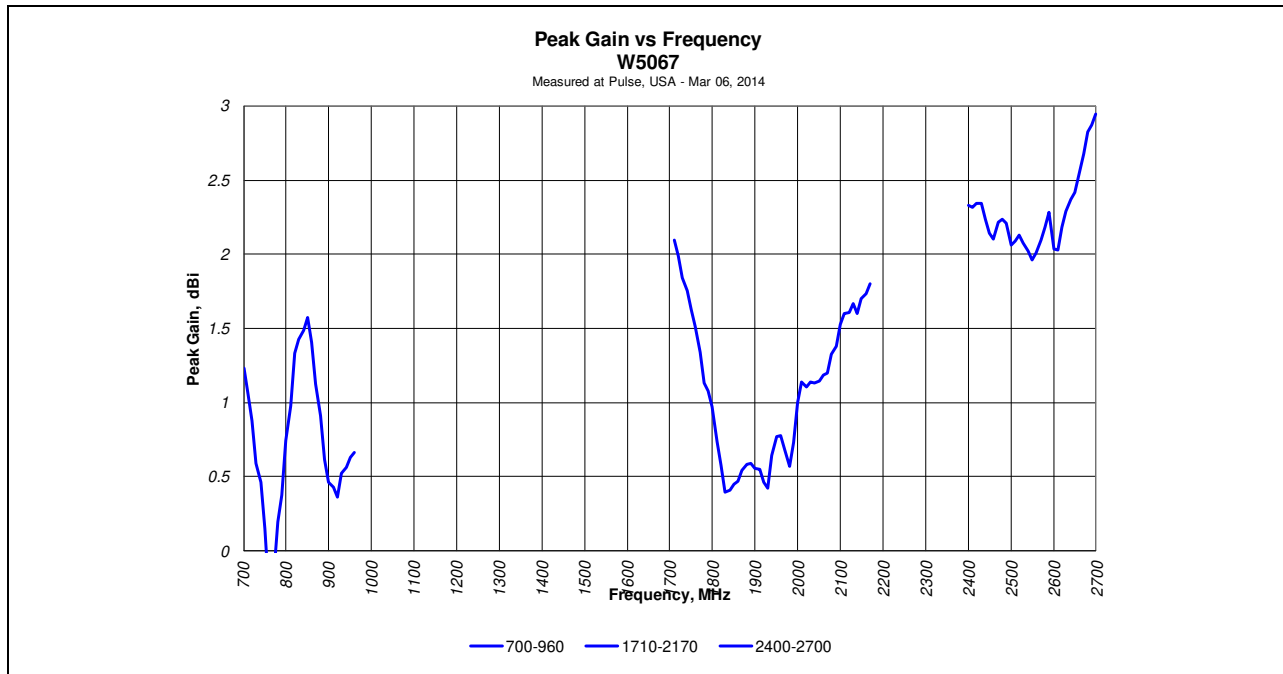
**W5067**

Series : **ANTENNA**

**VSWR**



**Peak Gain**



**Issue: 1414**

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

**CONFIDENTIAL AND PROPRIETARY INFORMATION**

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden



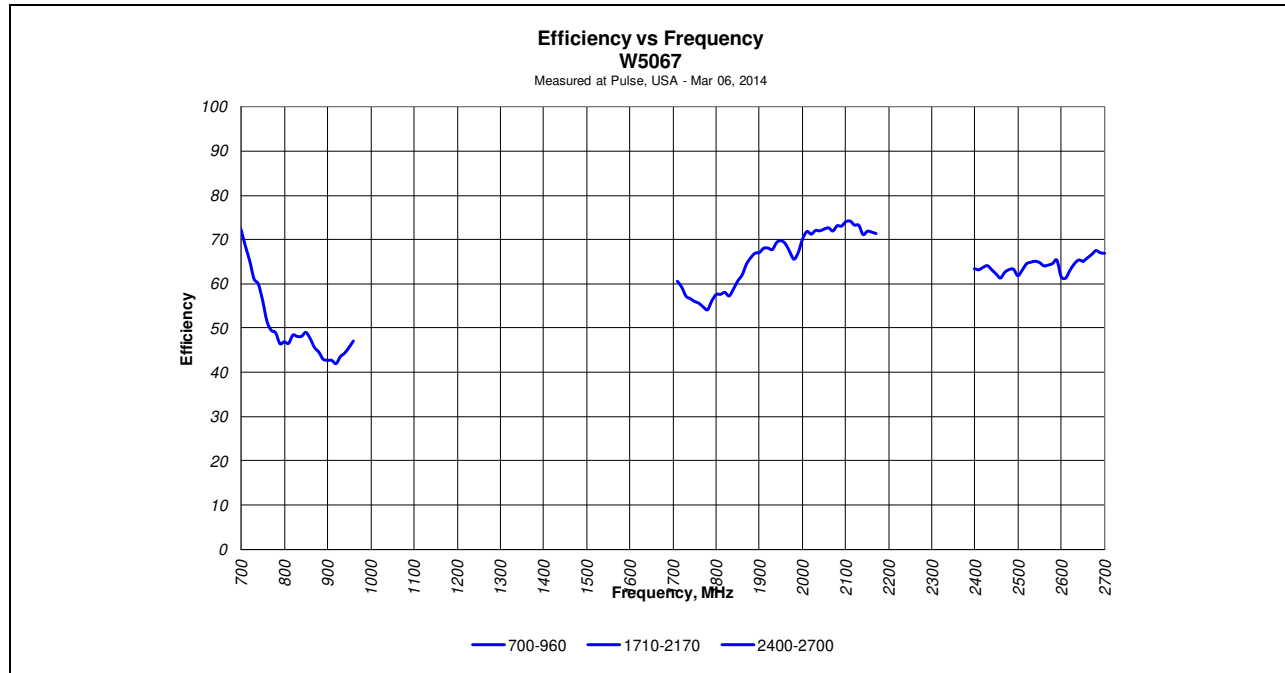
**Radome Omni – Omni directional Antenna**

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

**W5067**

Series : **ANTENNA**

**Efficiency**



**Issue: 1414**

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

**CONFIDENTIAL AND PROPRIETARY INFORMATION**

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden

