

Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

PART NUMBER: W6100



Features:

- End fed stealth blade antenna with coax cable
- Bands 698-960, 1710-2170, 2300-2700MHz
- Size 110 x 26 x 2mm
- Connector Fakra SMBA Code D

Applications:

- Automotive LTE radio systems
- Embedded antenna into the mechanics
- Mirrors, bumpers, inside dash etc.

Issue: 1807

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.

For more information:

Pulse Worldwide Headquarters
12220 World Trade Drive
San Diego, CA 92128
USA
Tel: 1-858-674-8100

Pulse/Larsen Antennas
18110 SE 34th St Bldg 2 Suite 250
Vancouver, WA 98683
USA
Tel: 1-360-944-7551

Europe Headquarters
Pulse GmbH & Do, KG
Zeppelinstrasse 15
Herrenberg, Germany
Tel: 49 7032 7806 0

Pulse (Suzhou) Wireless Products Co, Inc.
99 Huo Ju Road(#29 Bldg,4th Phase
Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
Tel: 86 512 6807 9998



Description: LTE 698-2700MHz Stealth Blade Antenna**Series: MIRANT****PART NUMBER: W6100****ELECTRICAL SPECIFICATIONS**

Frequency	698-960 MHz
	1710-2170 MHz
	2300-2700 MHz
	Nominal Impedance 50 Ω
VSWR 698-960 MHz	3:1
VSWR 1710-2700 MHz	2.5:1
Peak Gain, Avg. 698-960 MHz	1.8 dBi
Peak Gain, Avg. 1710-2170 MHz	4 dBi
Peak Gain, Avg. 2300-2700 MHz	4.5 dBi
Efficiency, Avg. 698-960 MHz	50 %
Efficiency, Avg. 1710-2170 MHz	52 %
Efficiency, Avg. 2300-2700 MHz	57 %

Issue: 1807

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.

Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

PART NUMBER: W6100

MECHANICAL SPECIFICATIONS

Radiator material	PCB
Radiator Size X,Y	110x 26 mm
Radiator Thickness	2 mm
Color	Black
Fixing system	Adhesive tape, 3MVHB 4949
Cable type	RG 316
Cable length	550mm
Connector	Fakra Code D

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-40~ +85° C
Mechanical Vibration	Random vibration input of 60 min/axis, all three perpendicular axis. Transportation frequency 5-500 Hz using Fig 514.6C-I and Table 514.6-II of MIL STD 810G section 514.6,
Shock Impact	Per EIA-TIA-329-B1 spec
Storage Temperature	-40° to +85° C
Humidity	+30°C @ 93% RH

Issue: 1807

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

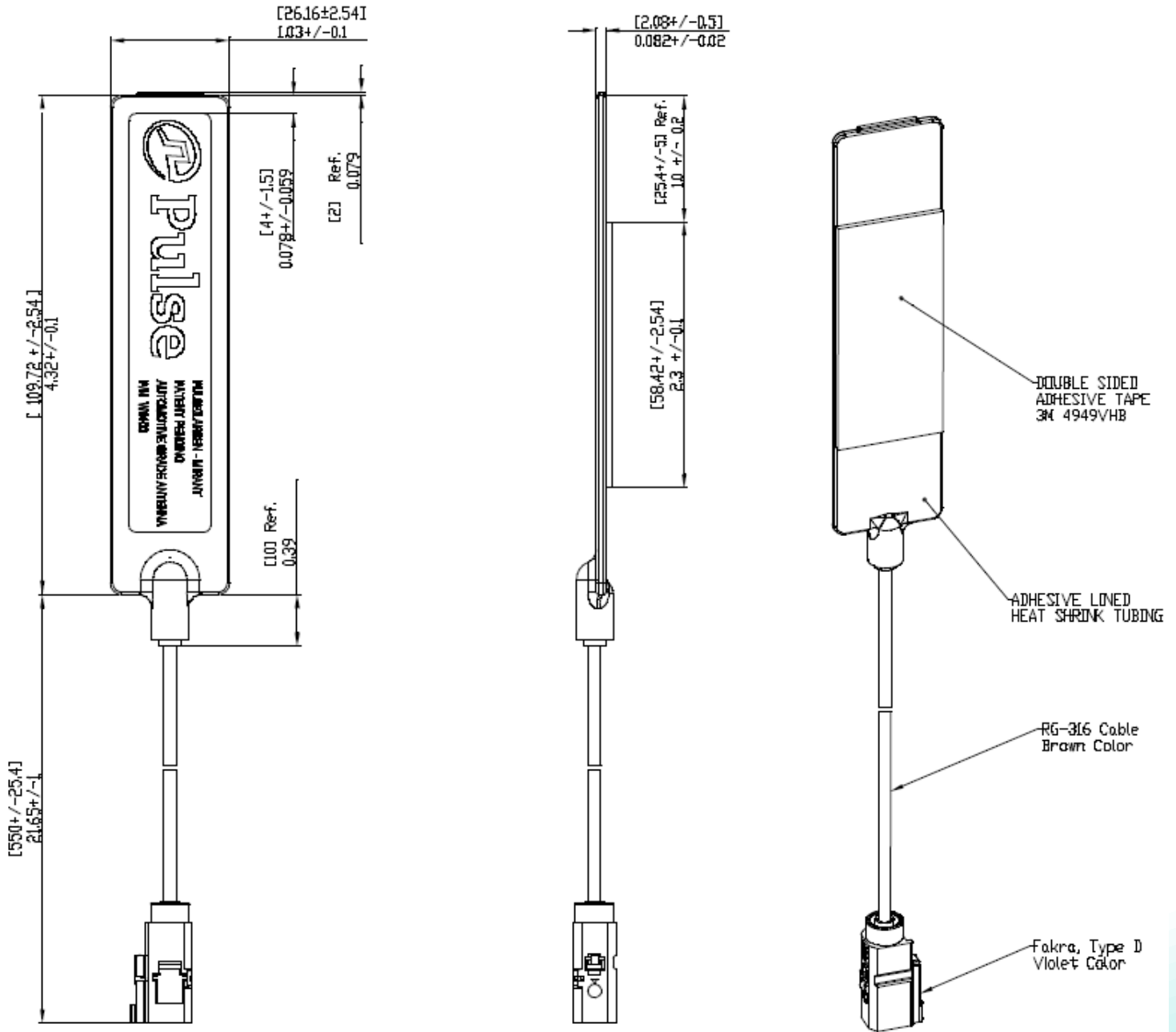
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

PART NUMBER: W6100

MECHANICAL Drawing



All dimensions are in mm / inches

Issue: 1807

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.

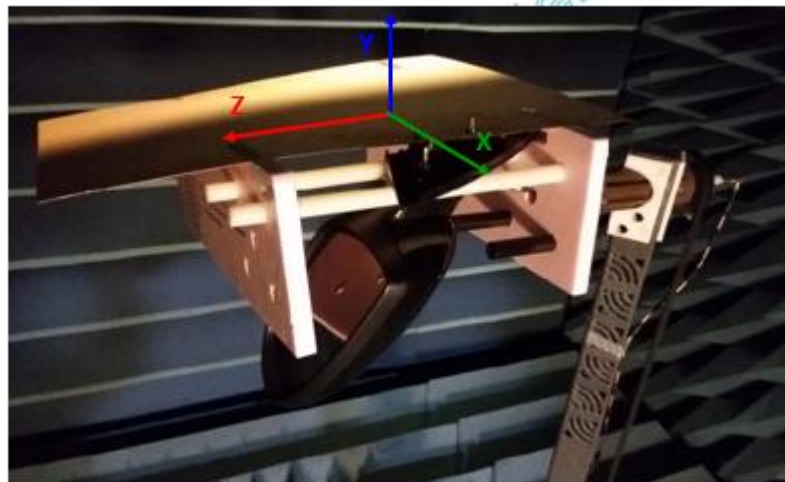
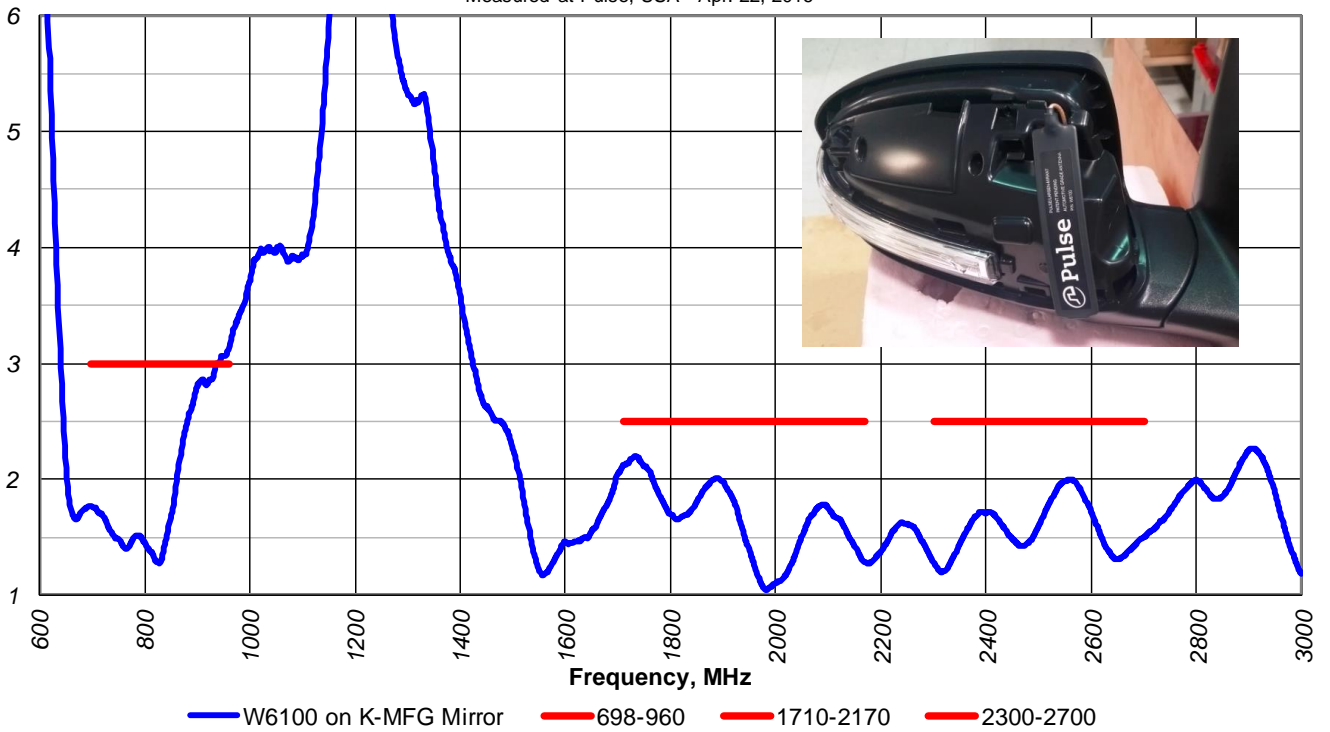
Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

PART NUMBER: W6100

CHARTS

VSWR vs Frequency
W6100 Tested on K-MFG Mirror
Measured at Pulse, USA - Apr. 22, 2016



Issue: 1807

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.

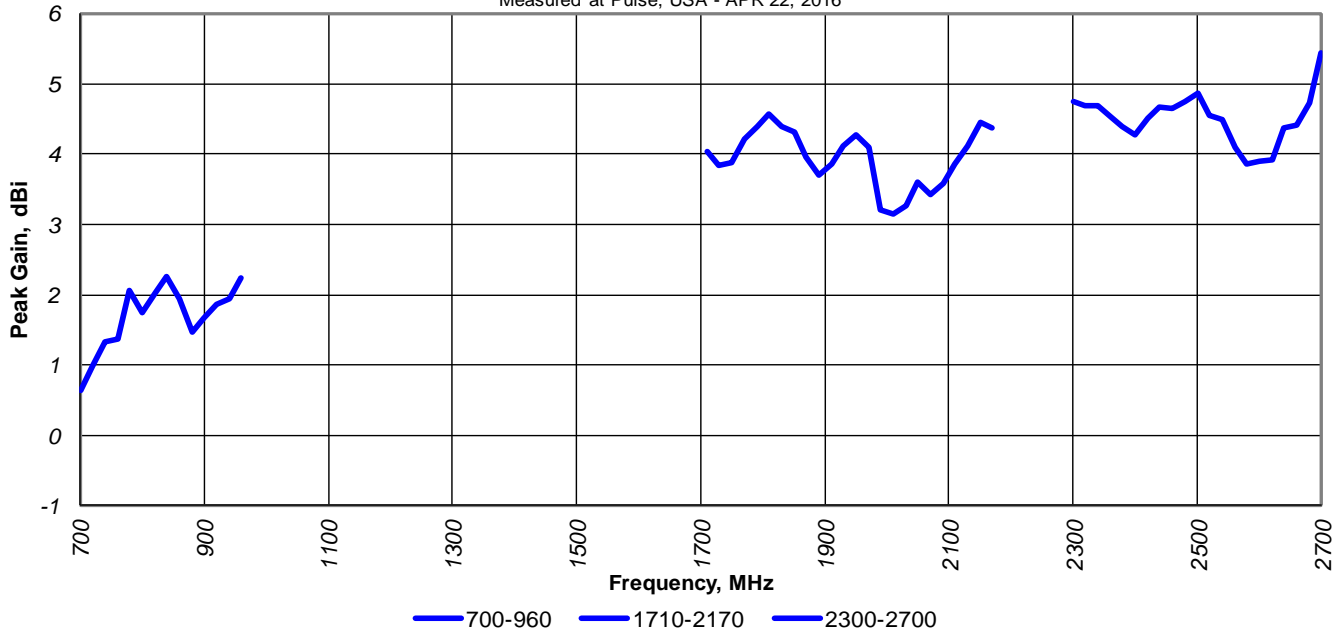
Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

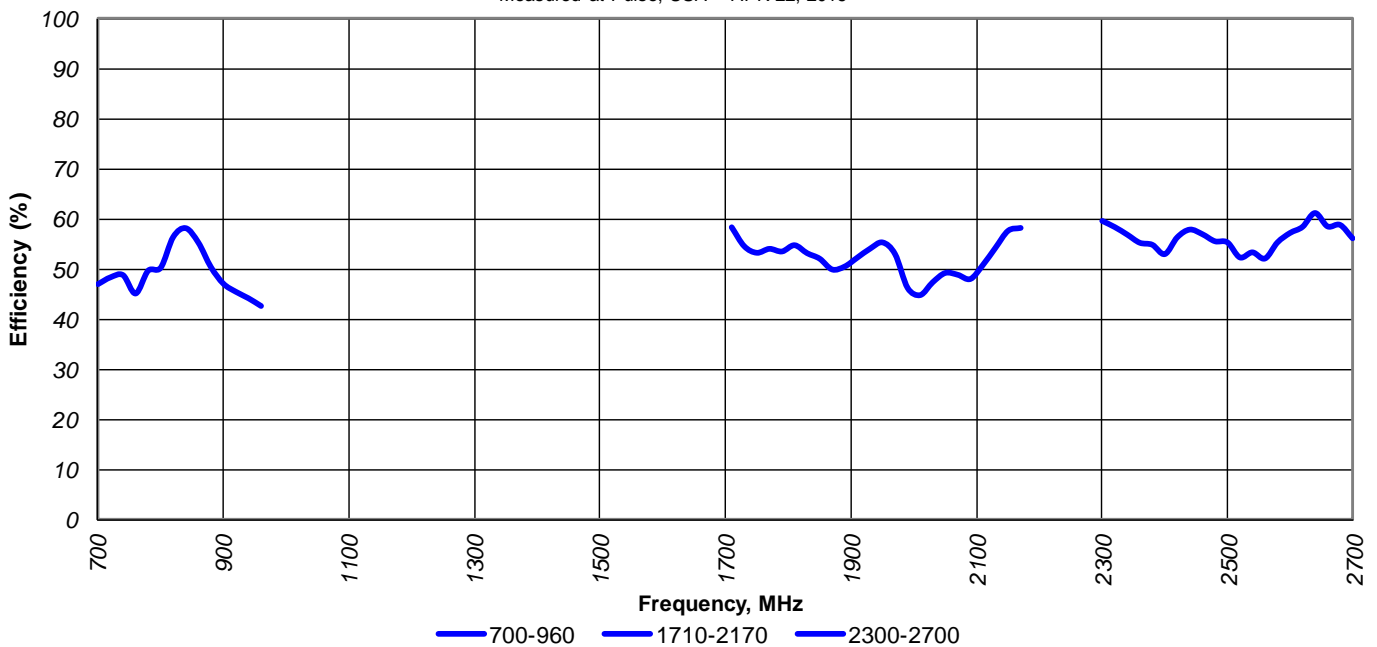
PART NUMBER: W6100

CHARTS

Peak Gain vs Frequency
W6100 Tested on K-MFG Mirror
Measured at Pulse, USA - APR 22, 2016



Efficiency vs Frequency
W6100 Tested on K-MFG Mirror
Measured at Pulse, USA - APR 22, 2016



Issue: 1807

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.

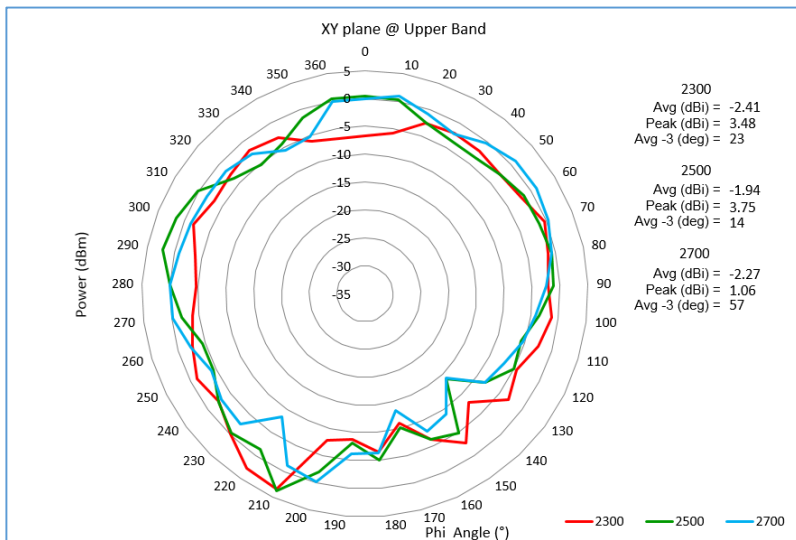
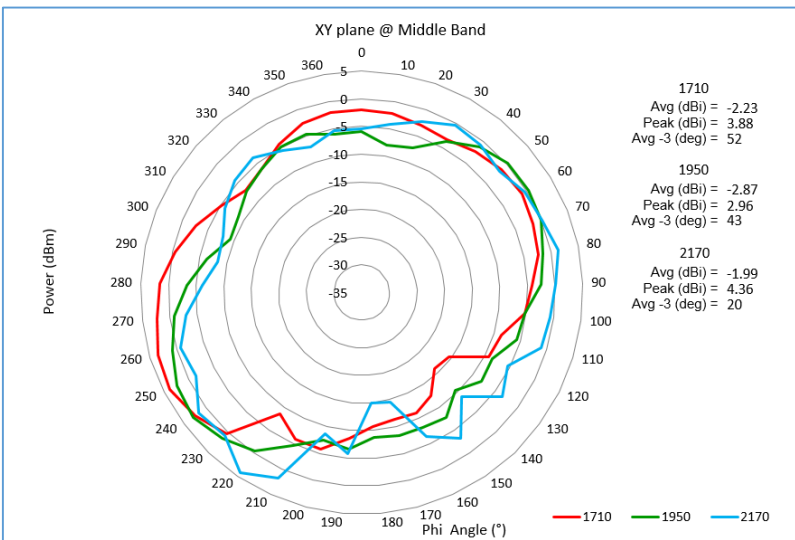
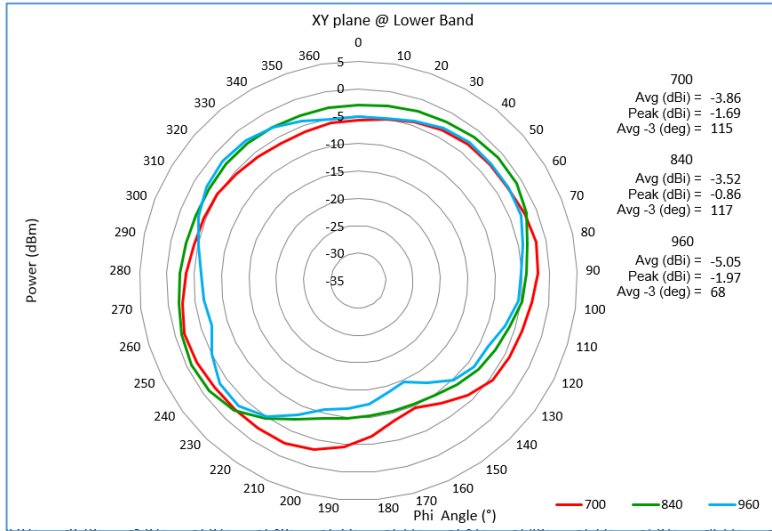


Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

PART NUMBER: W6100

CHARTS



Issue: 1807

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

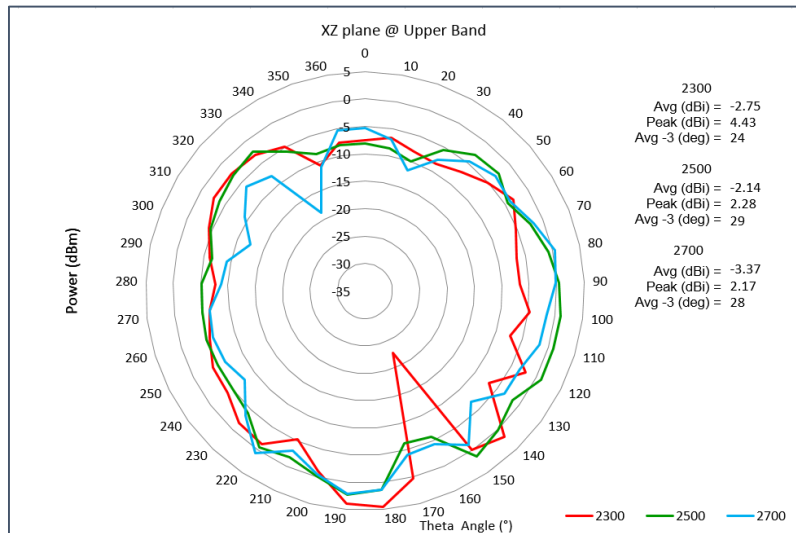
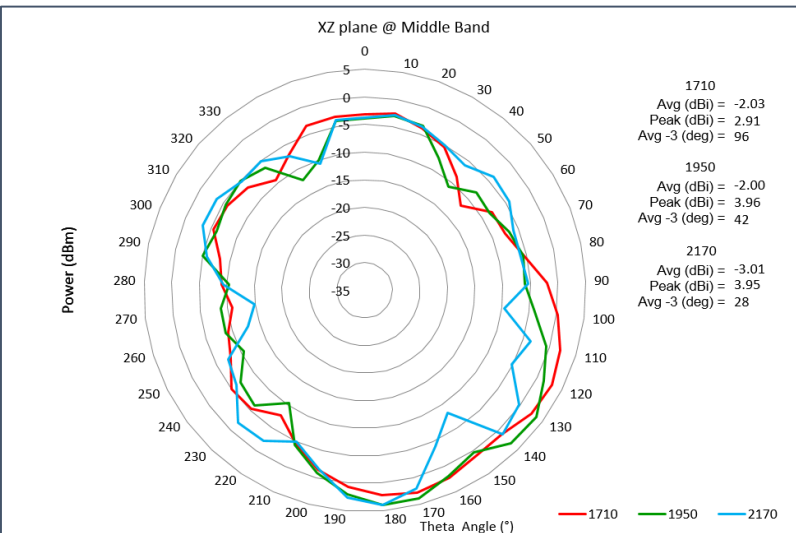
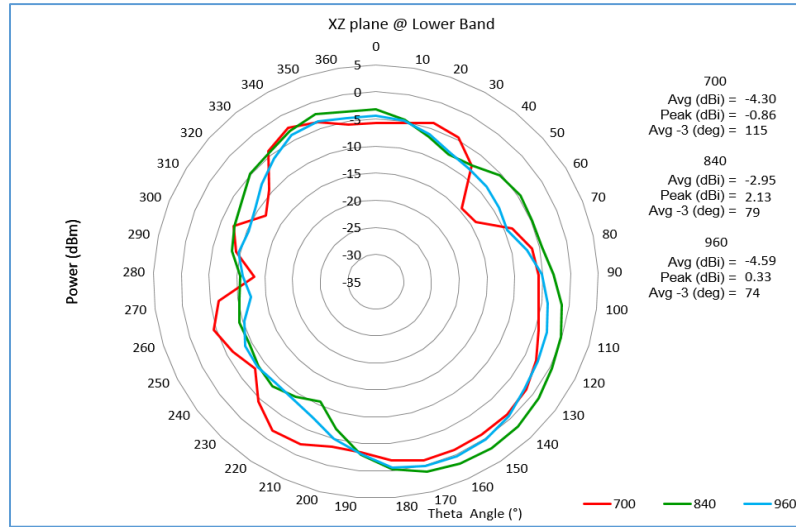
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

PART NUMBER: W6100

CHARTS



Issue: 1807

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

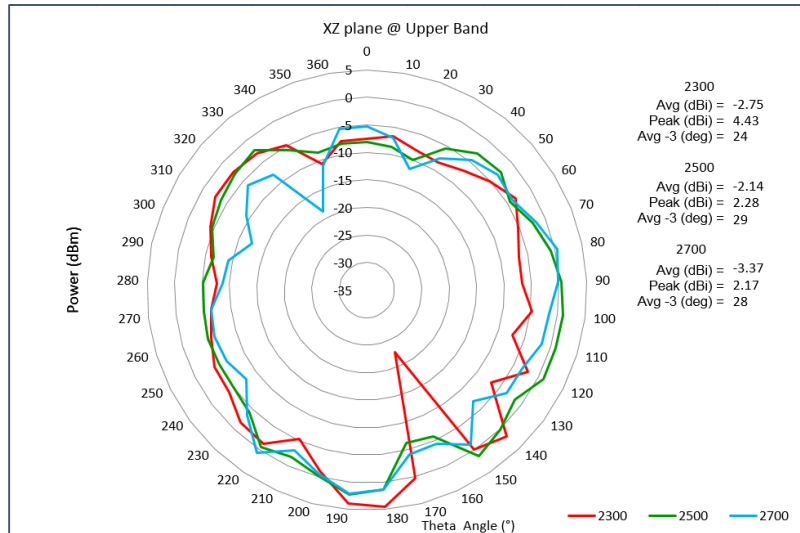
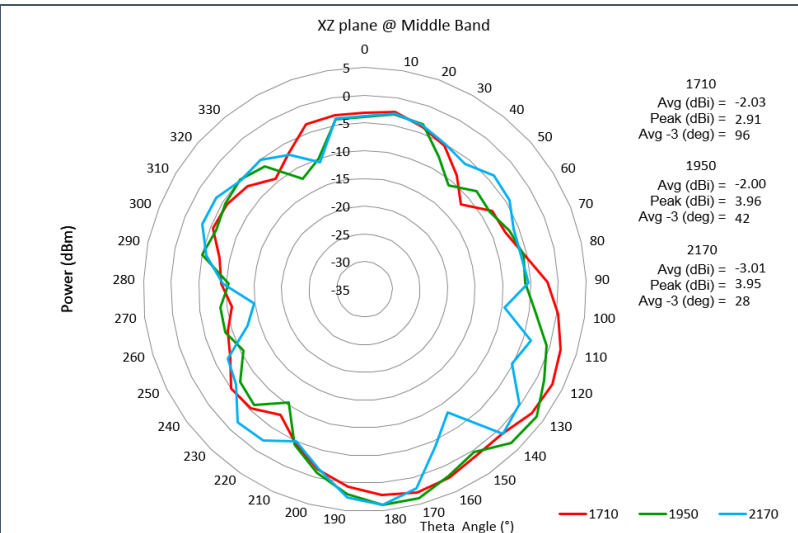
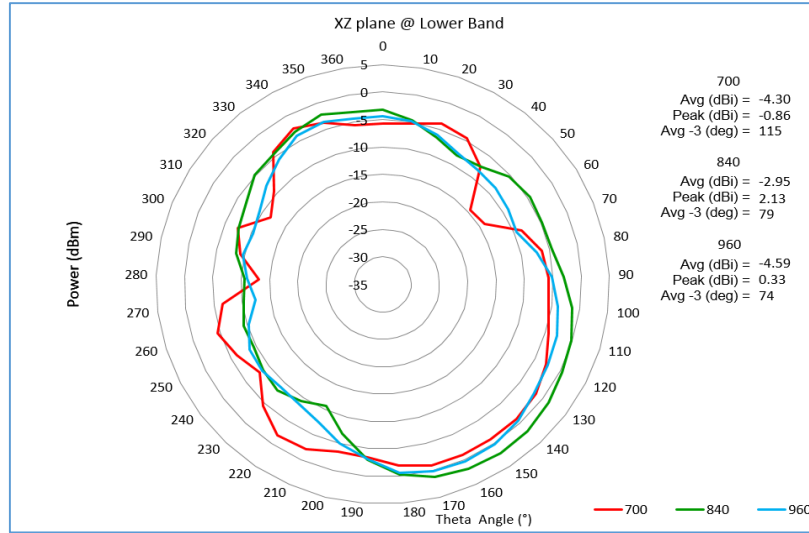
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

PART NUMBER: W6100

CHARTS



Issue: 1807

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.

Description: LTE 698-2700MHz Stealth Blade Antenna

Series: MIRANT

PART NUMBER: W6100

Packaging

1 antennas packed in one plastic bag

100 bags(TBD) of antennas packed in a cardboard box

1 label on each box with qty, part number, date code.

Issue: 1807

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Antennas](#) category:

Click to view products by [PulseLarsen](#) manufacturer:

Other Similar products are found below :

[GAN30084EU](#) [930-033-R](#) [GW17.07.0250E](#) [1513563-1](#) [EXE902SM](#) [APAMPG-117](#) [MAF94383](#) [W3908B0100](#) [W6102B0100](#) [YE572113-30RSMM](#) [108-00014-50](#) [66089-2406](#) [SPDA17RP918](#) [A09-F8NF-M](#) [A09-F5NF-M](#) [RGFRA1903041A1T](#) [W3593B0100](#) [W3921B0100](#) [SIMNA-868](#) [SIMNA-915](#) [SIMNA-433](#) [W1044](#) [W1049B090](#) [A75-001](#) [WTL2449CQ1-FRSMM](#) [CPL9C](#) [EXB148BN](#) [0600-00060](#) [TRA9020S3PBN-001](#) [Y4503](#) [GD5W-28P-NF](#) [MA9-7N](#) [GD53-25](#) [GD5W-21P-NF](#) [C37](#) [MAF94051](#) [MA9-5N](#) [EXD420PL](#) [B1322NR](#) [QWFTB120](#) [MAF94271](#) [MAF94300](#) [GPSMB301](#) [FG4403](#) [AO-AGSM-OM54](#) [5200232](#) [MIKROE-2349](#) [WCM.01.0111](#) [MIKROE-2393](#) [MIKROE-2352](#)