

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM



RAZ62311MM (Black)



RAZ62312MM (White)

### Features:

- 2x LTE 644-2700MHz (MiMo)
- 0, 1x, 2x or 3x WiFi 2.4/5GHz
- DSRC
- GNSS Active:
  - Beidou, GPS, Glonass
  - RHCP polarization
  - Amplifier Gain 30dBi
- Size: 89.2 x 195.1 x 94.7mm  
3.51 x 7.68 x 3.73 in
- Power withstanding 45W
- Available Models
  - RAZ32011MM = 3 Cable, Black
  - RAZ32012MM = 3 Cable, White
  - RAZ42111MM = 4 Cable, Black
  - RAZ42112MM = 4 Cable, White
  - RAZ52211MM = 5 Cable, Black
  - RAZ52212MM = 5 Cable, White
  - RAZ62311MM = 6 Cable, Black
  - RAZ62312MM = 6 Cable, White

### Applications:

- Vehicular use Telematics
- Fleet management
- Trucking
- Navigation, GIS and survey
- Public safety
- Search and Rescue
- Metering, Utility boxes

Issue: 1742

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  
15255 Innovation Drive #100  
San Diego, CA 92128  
USA  
Tel: 1-858-674-8100

Pulse/Larsen Antennas  
18110 SE 34<sup>th</sup> 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,4<sup>th</sup> Phase  
Suzhou New District  
Jiangsu Province, Suzhou 215009 PR China  
Tel: 86 512 6807 9998



Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

**ELECTRICAL SPECIFICATIONS**

Antenna Type	Monopole, measured on Ø1.02m (40") ground plane
Frequency (2x LTE)	644-960/1710-2700 MHz
Frequency (1x, 2x or 3x WiFi)	2400-2500/4900-5925 MHz
Nominal Impedance	50 Ω
VSWR	2:1
Radiation Pattern	Omni
HPBW / Vertical Plane (LTE, 644-960)	42°
HPBW / Vertical Plane (LTE, 1710-2700)	31°
HPBW / Vertical Plane (WIFI, 2400-2500)	25°
HPBW / Vertical Plane (WIFI, 4900-5925)	20°
Polarization	Vertical
Average Peak Gain (LTE, 644-960) (LTE, 1710-2700)	4.6/4.9 dBi
Average Peak Gain (WIFI, 2400-2500) (WIFI, 4900-5925)	6/6.6 dBi
Isolation (LTE1 to LTE2)	<-13
Isolation (WiFi1/2, WiF2/3 & WiFi1/3)	<-13
Average Efficiency (LTE)	67 %
Average Efficiency (WiFi)	57 %
Power Withstanding	45 W
GNSS Beidou-GPS-Glonass	
Frequency	1561.098±2.046,1575.42±1.023,1602.5625±4 MHz
VSWR	2:1
Nominal Impedance	50 Ω
Gain (Radiating element)	1 dBic +/- 1dB
Gain (LNA gain)	30 dB +/- 2 dB
Polarization	RHCP

Issue: 1742

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.

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

**ELECTRICAL SPECIFICATIONS**

Out of Band Rejection	960MHz >65 dB, 1710MHz >60 dB, 2170MHz >65 dB, 2400MHz >65 dB
Noise Figure	< 2.4dB
Operating Voltage	3.3 - 5 Vdc ± 0.5 V
Current Consumption	< 11 mA

**MECHANICAL SPECIFICATIONS**

Length/Height/Width	195.1mm (7.68")/94.7 (3.73")/89.2mm (3.51")
Weight	856 g (1.9 lbs)
Antenna Color / Material	Black or White / PC/ABS, UV protected
Cable / Connector	2x LTE, 5.2m (17') LMR-195/SMA-Male 1x, 2x or 3x WiFi, 5.2m (17') LMR-195/RP-SMA-Male GNSS, 5.2m (17') RG-174/SMA-Male
Mounting Configuration	Magnetic Mount

**ENVIRONMENTAL SPECIFICATIONS**

Operating Temperature	-40/+85° C
Ingress Protection	IP67
RoHS Compliant	Yes

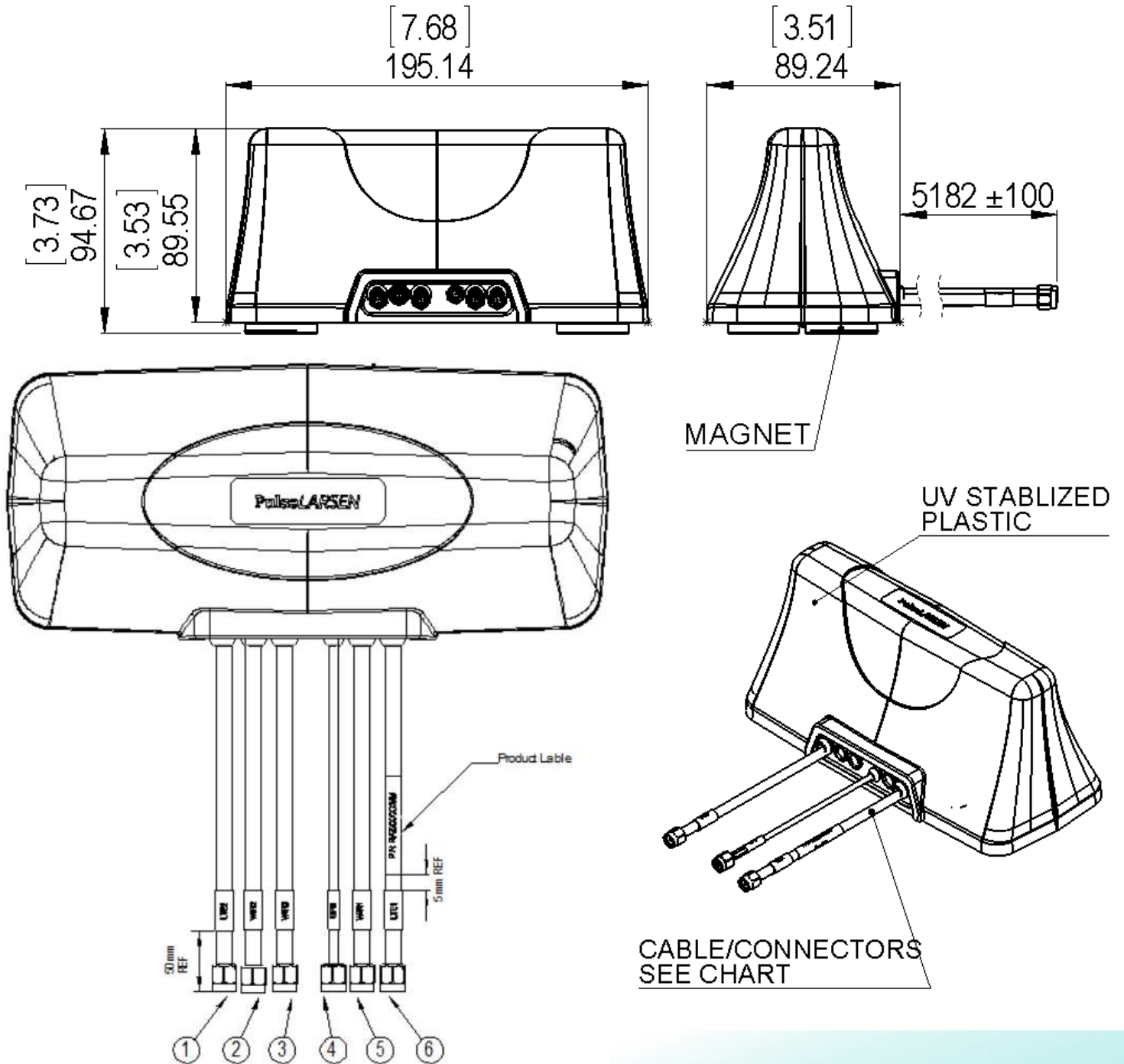
**OTHER SPECIFICATIONS**

Total cable assembly loss for 5.2m (17') LMR-195 @ 850MHz	2.1 dB
Total cable assembly loss for 5.2m (17') RG-174 @ 1575MHz	6.0 dB
Total cable assembly loss for 5.2m (17') LMR-195 @ 1930MHz	3.2 dB
Total cable assembly loss for 5.2m (17') LMR-195 @ 2500MHz	3.7 dB
Total cable assembly loss for 5.2m (17') LMR-195 @ 2450MHz	3.6 dB
Total cable assembly loss for 5.2m (17') LMR-195 @ 5350MHz	5.5 dB

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

MECHANICAL DRAWING



All dimensions are in mm / inches

Issue: 1742

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.

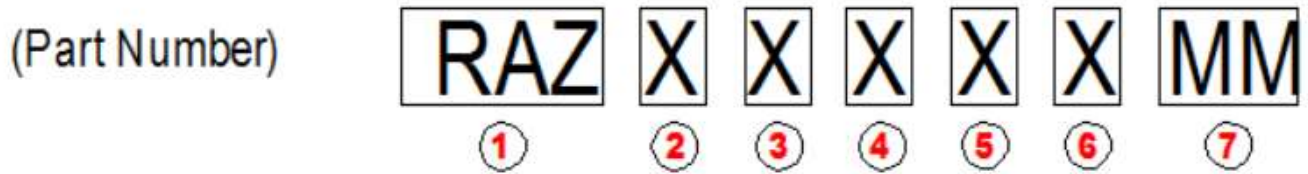
Description: GNSS / 2x LTE / 0, 1x, 2x or 3x WiFi  
Magnetic Mount

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

MECHANICAL DRAWING

Vehicular Multiband Antenna with Magnet Mount



①	Product ID: RAZORBACK
②	Total Number of Cable leads
③	Total Number of LTE Cable Leads
④	Total Number of WiFi Cable Leads
⑤	Total Number of GPS Cable Leads
⑥	The Color of the Plastic Housing 1=Black; 2=White
⑦	Mounting: Magnet Mount

RAZXXXXMM		CABLE	CABLE LENGTH	CONNECTOR
1	LTE-2 Cable Assy	LMR195	5181 mm / 204" / 17 FT	SMA Male
2	WiFi-2 Cable Assy			RP-SMA Male
3	WiFi-3 Cable Assy			SMA Male
4	GPS Cable Assy	RG-174		RP-SMA Male
5	WiFi-1 Cable Assy	LMR195		SMA Male
6	LTE1 Cable Assy			SMA Male

All dimensions are in mm / inches

Issue: 1742

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

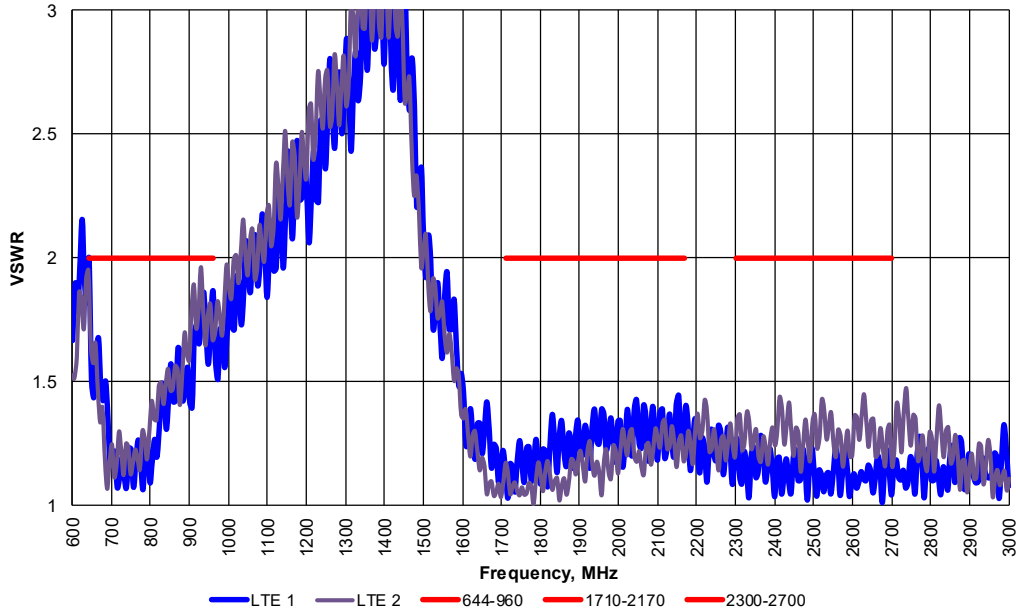
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

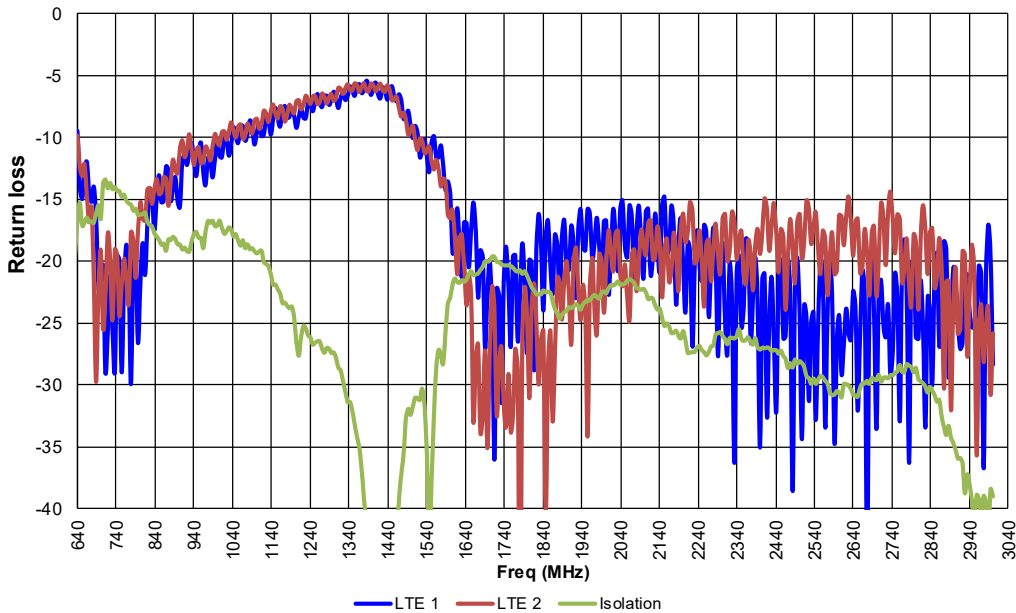
CHARTS

VSWR vs Frequency  
RAZ62311MM Measured with 17' cables on Ø40" GP  
Measured at Pulse, USA - July 07, 2017



LTE 1 & 2  
Measured with 5.2m  
(17') cable

Return loss vs Frequency  
RAZ62311MM Measured with 17' cables on Ø40" GP  
Measured at Pulse, USA - July 07, 2017



LTE 1 & 2  
Measured with 5.2m  
(17') cable

Issue: 1742

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

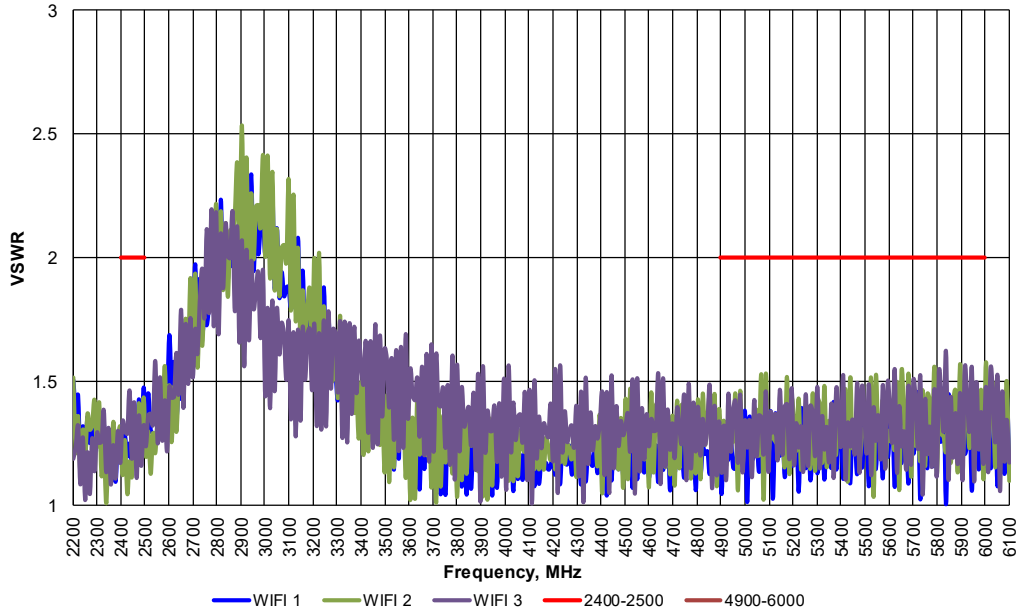
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

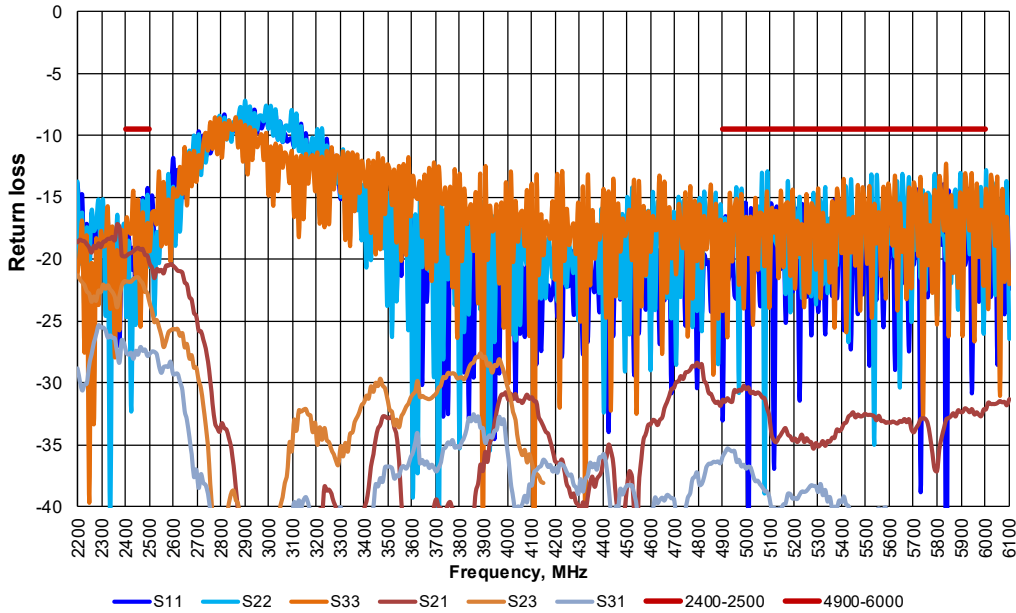
CHARTS

VSWR vs Frequency  
RAZ62311MM Measured with 17' cables on Ø40" GP (WiFi 1, 2 & 3)  
Measured at Pulse, USA - July 07, 2017



WiFi 1, 2 & 3  
Measured with 5.2m  
(17') cable

Return loss vs Frequency  
RAZ62311MM Measured with 17' cables on Ø40" GP (WiFi 1, 2 & 3)  
Measured at Pulse, USA - July 07, 2017



WiFi 1, 2 & 3  
Measured with 5.2m  
(17') cable

Issue: 1742

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

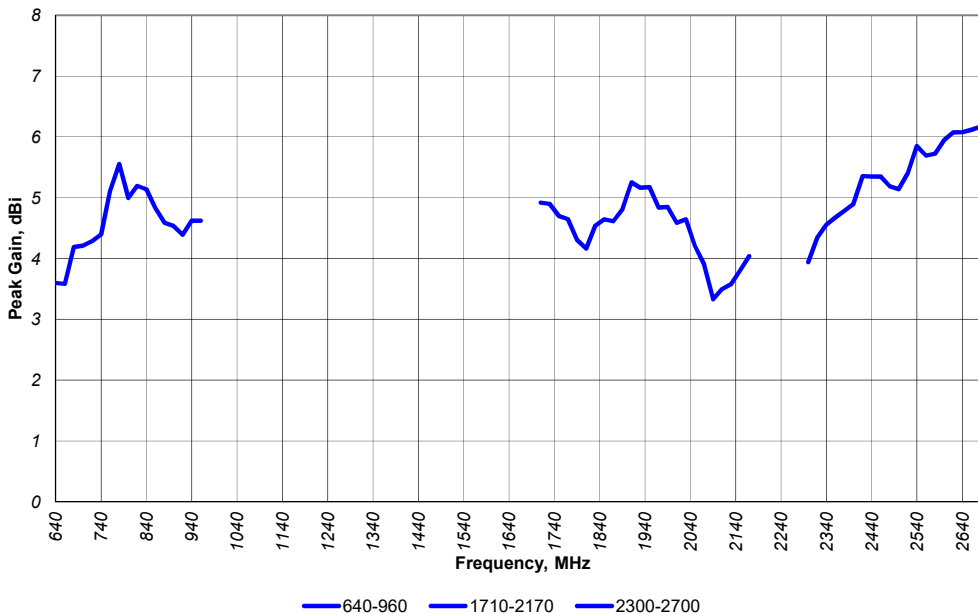
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

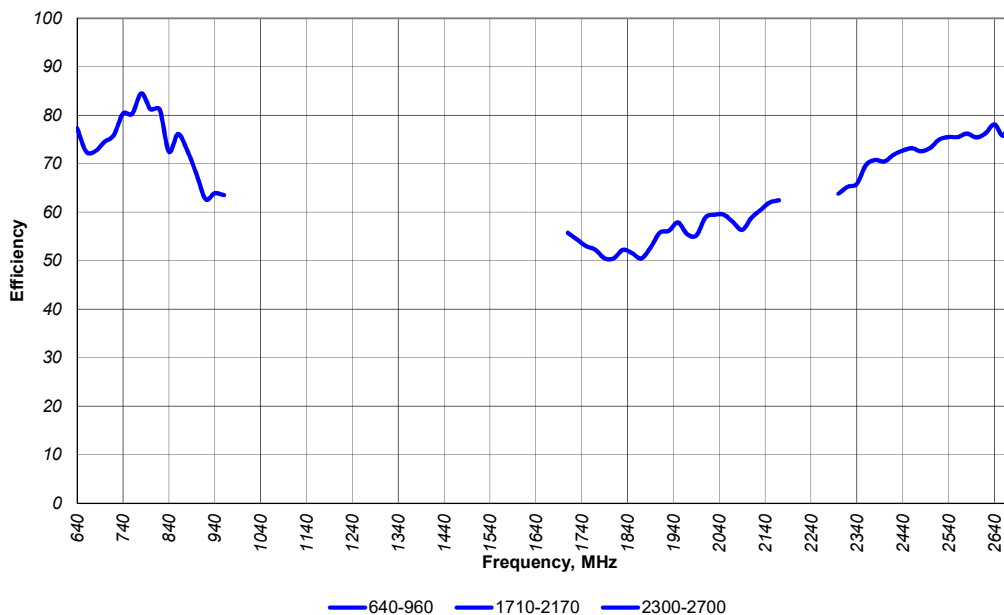
CHARTS

Peak Gain vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (LTE 1)  
Measured at Pulse, USA - July 07, 2017



LTE 1  
Measured with  
914mm (36") cable

Efficiency vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (LTE 1)  
Measured at Pulse, USA - July 07, 2017



LTE 1  
Measured with  
914mm (36") cable

Issue: 1742

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.

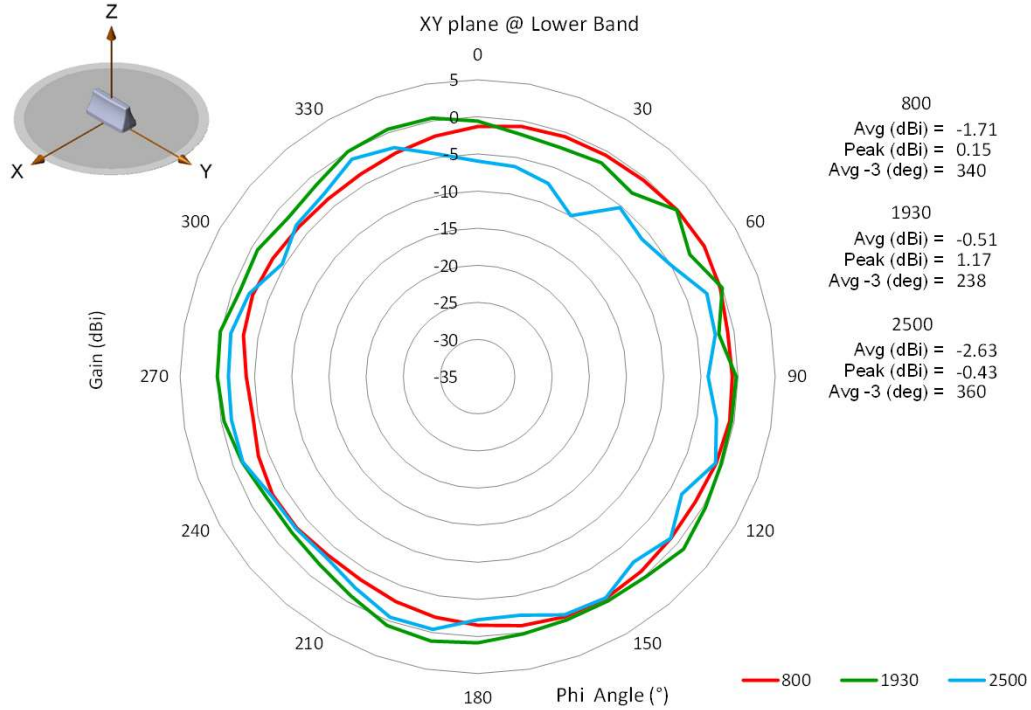


Series: RAZORBACK

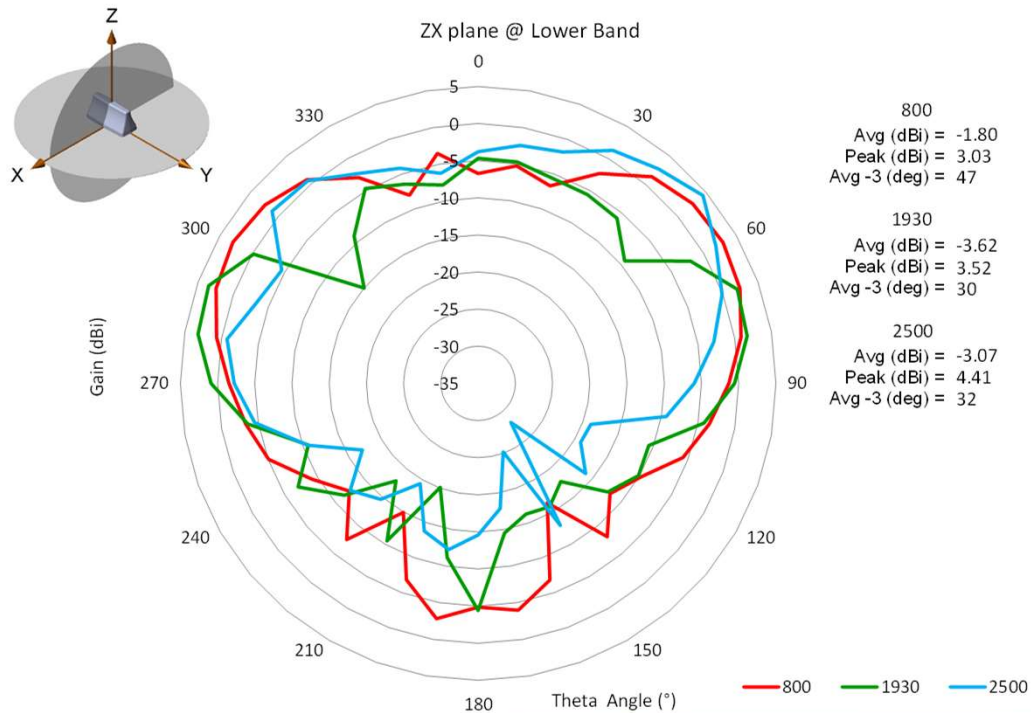
PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

CHARTS

LTE 1  
Measured with  
914mm (36") cable



LTE 1  
Measured with  
914mm (36") cable



Issue: 1742

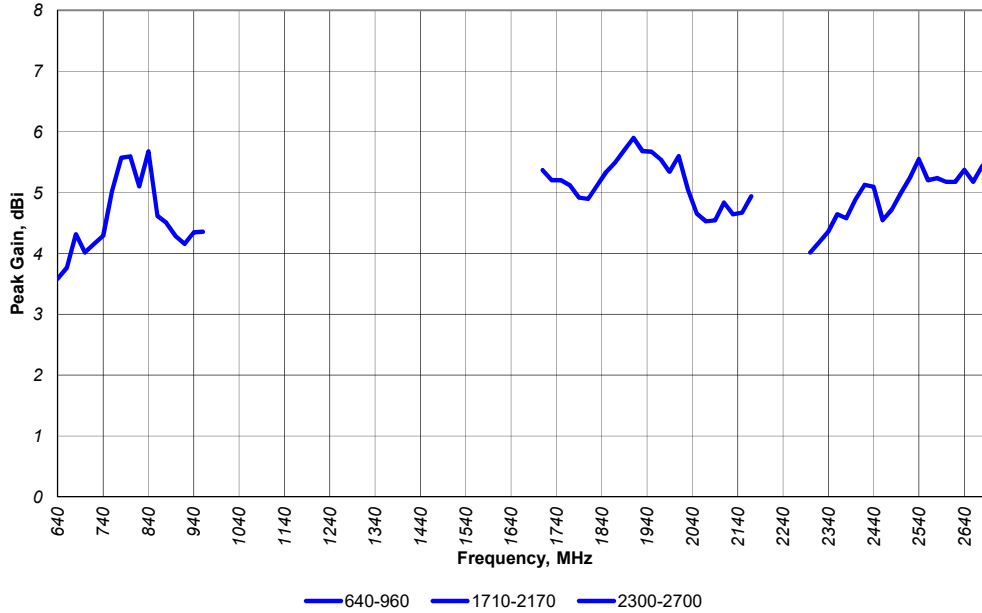
In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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.

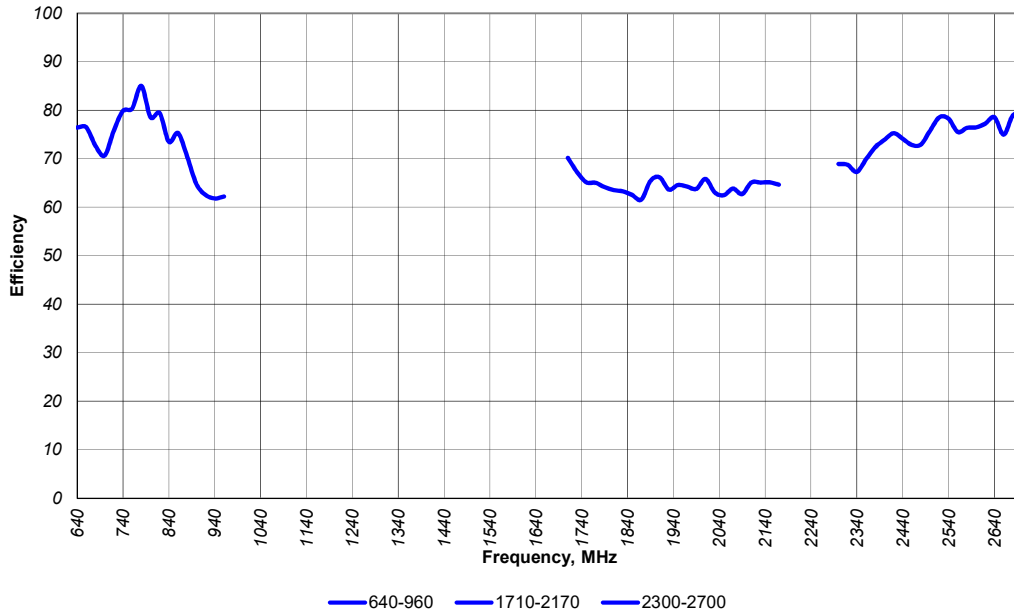
CHARTS

Peak Gain vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (LTE 2)  
Measured at Pulse, USA - July 07, 2017



LTE 2  
Measured with  
914mm (36") cable

Efficiency vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (LTE 2)  
Measured at Pulse, USA - July 07, 2017



LTE 2  
Measured with  
914mm (36") cable

Issue: 1742

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

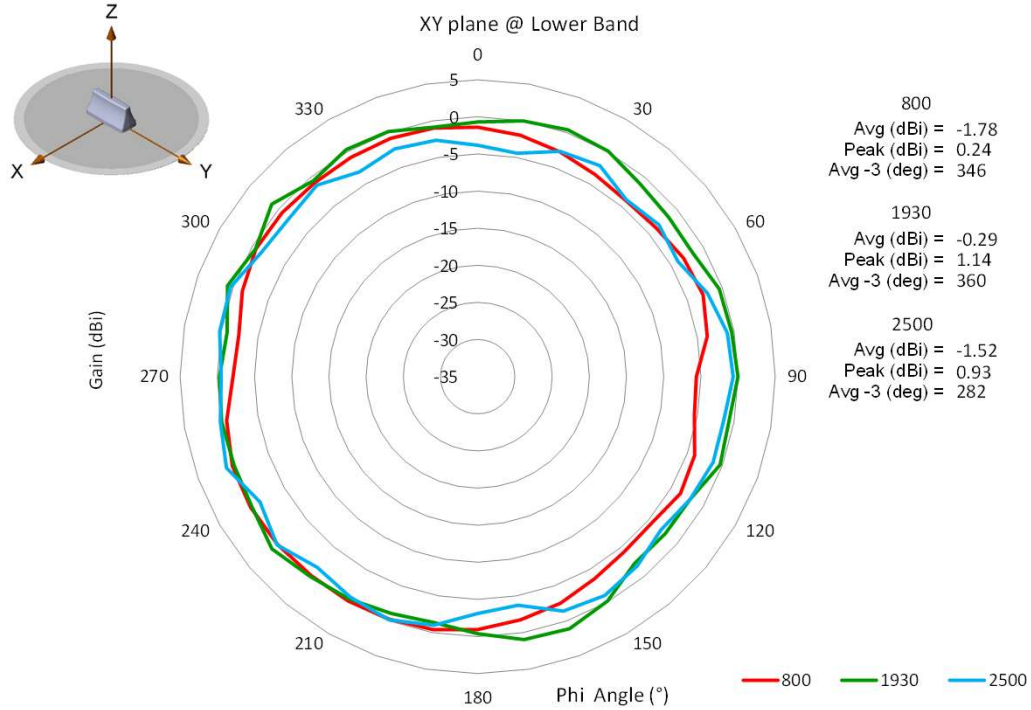
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: RAZORBACK

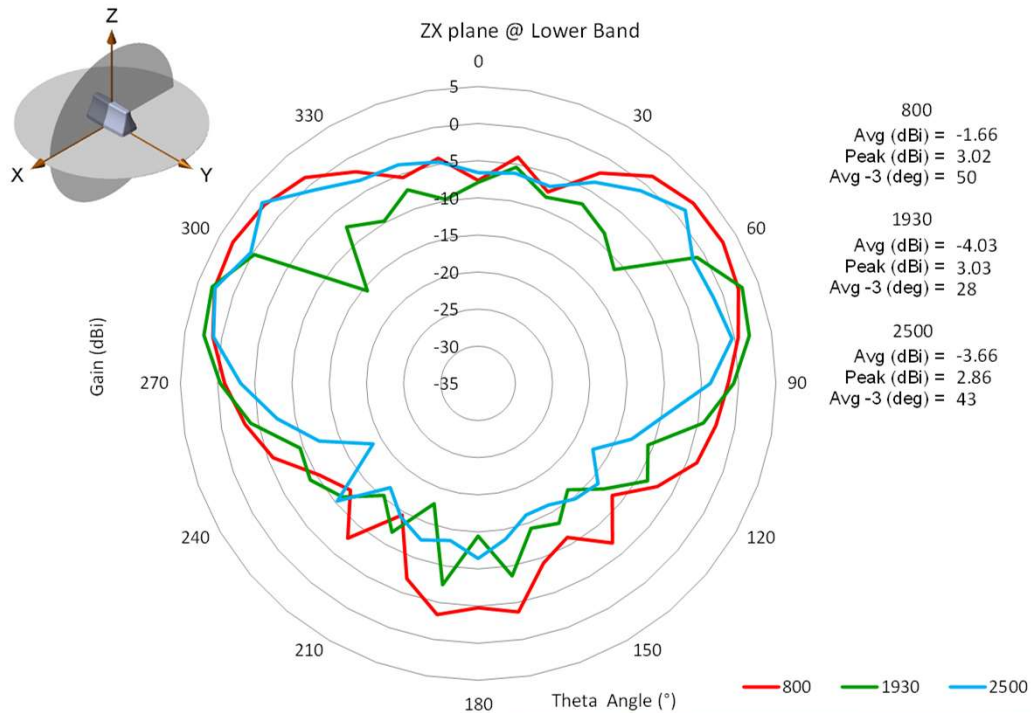
PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

CHARTS

LTE 2  
Measured with  
914mm (36") cable



LTE 2  
Measured with  
914mm (36") cable



Issue: 1742

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

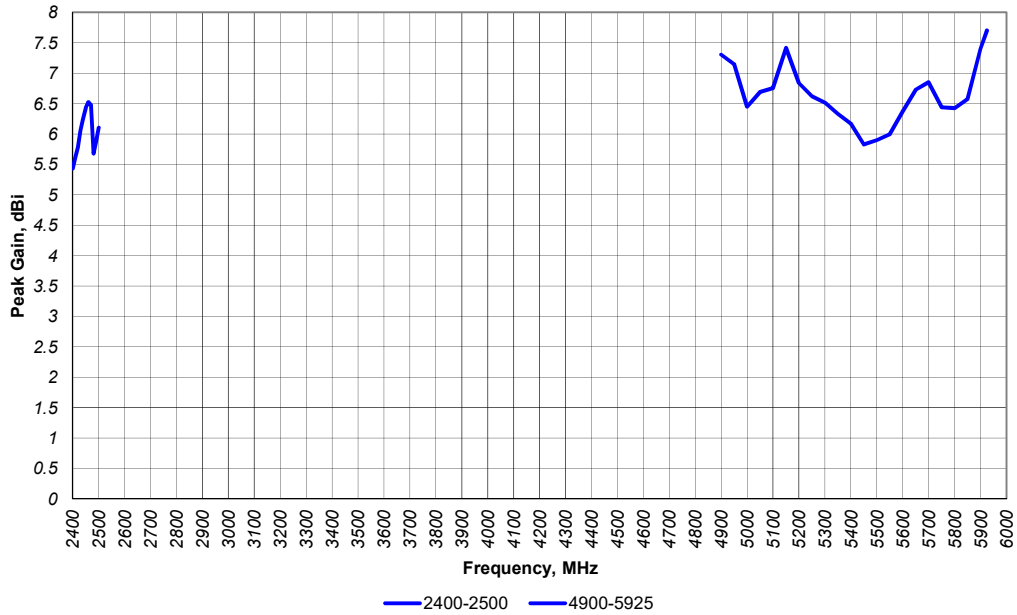
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

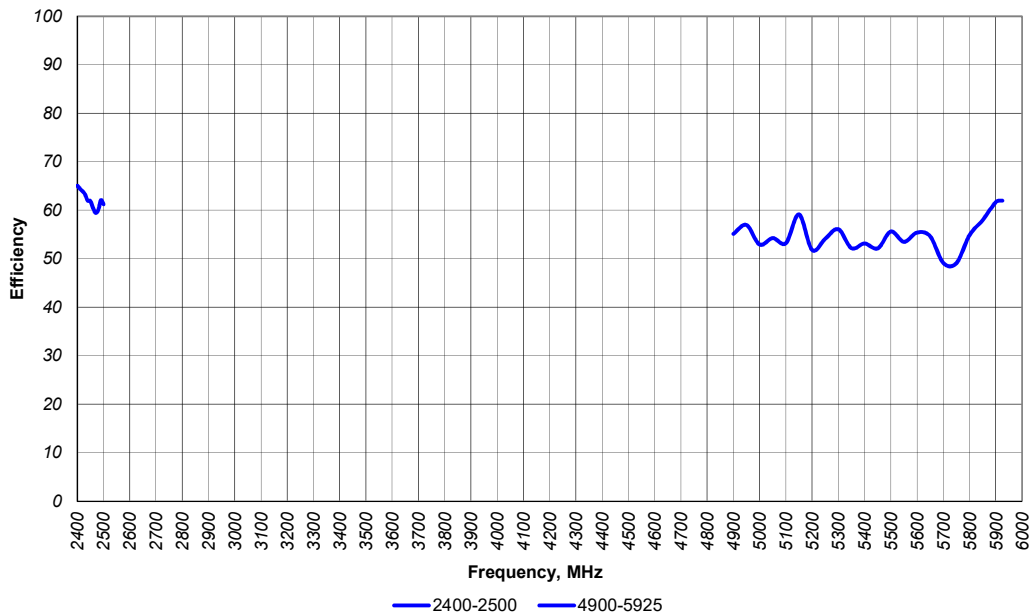
CHARTS

Peak Gain vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (WiFi 1)  
Measured at Pulse, USA - July 07, 2017



WiFi 1  
Measured with  
914mm (36") cable

Efficiency vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (WiFi 1)  
Measured at Pulse, USA - July 07, 2017



WiFi 1  
Measured with  
914mm (36") cable

Issue: 1742

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.

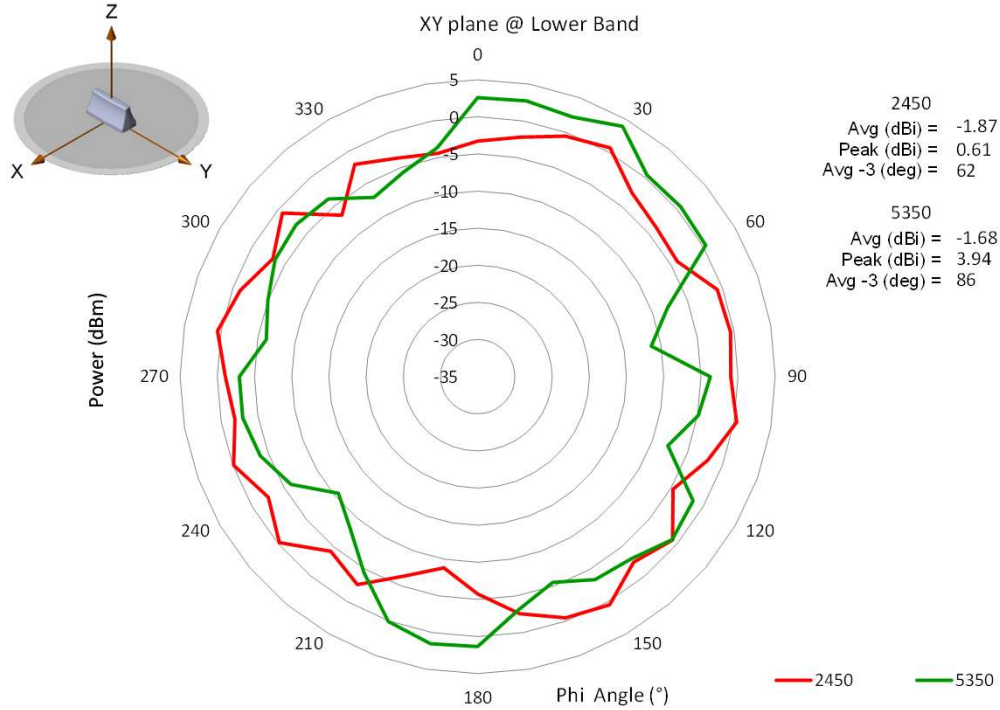
Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

CHARTS

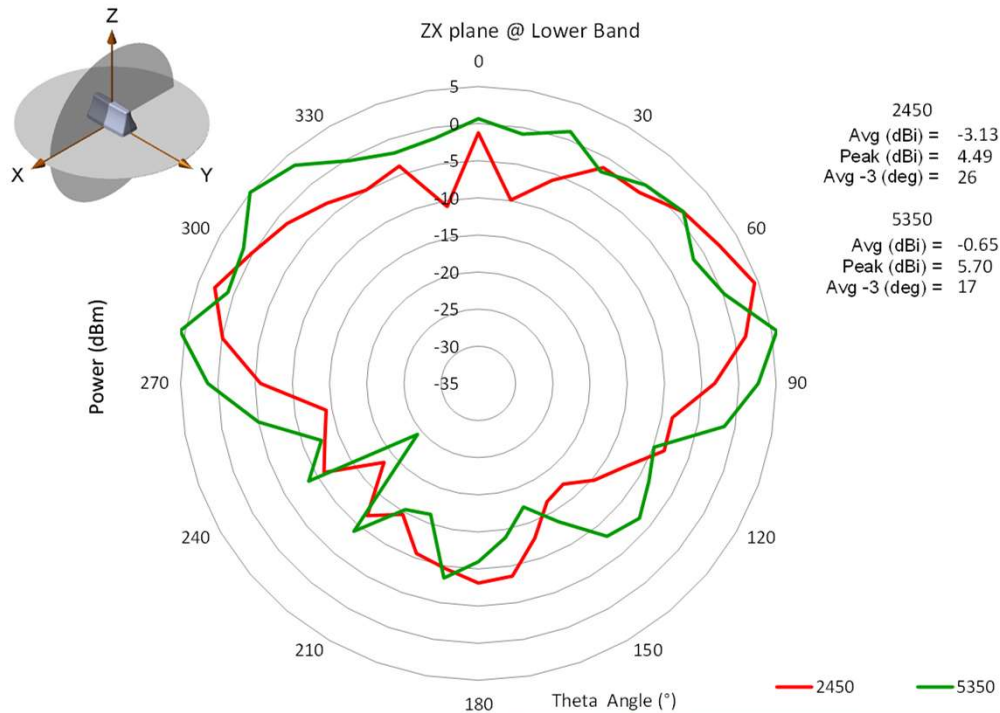
WiFi 1

Measured with  
914mm (36") cable



WiFi 1

Measured with  
914mm (36") cable



Issue: 1742

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

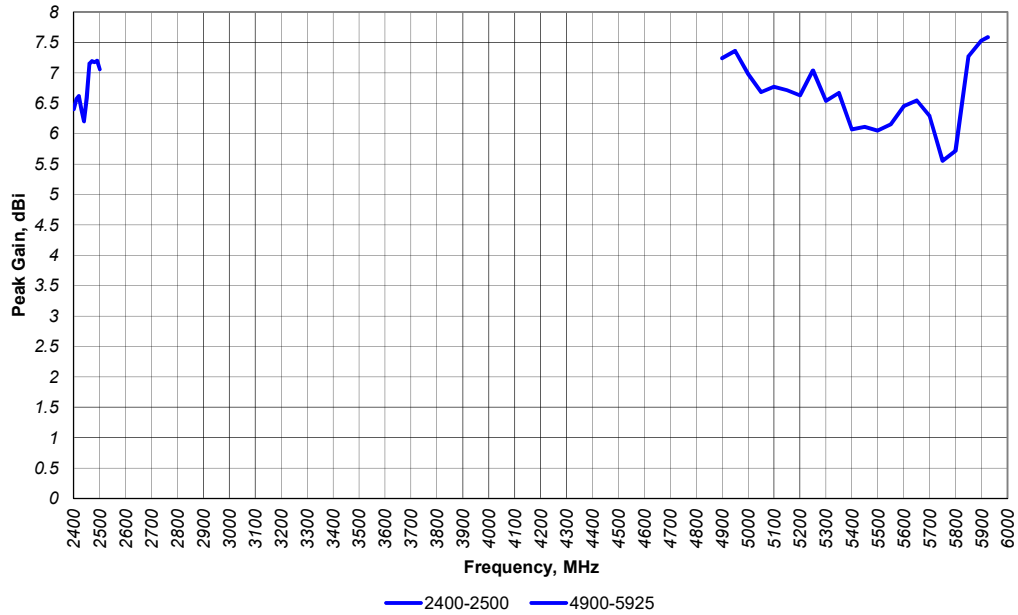
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

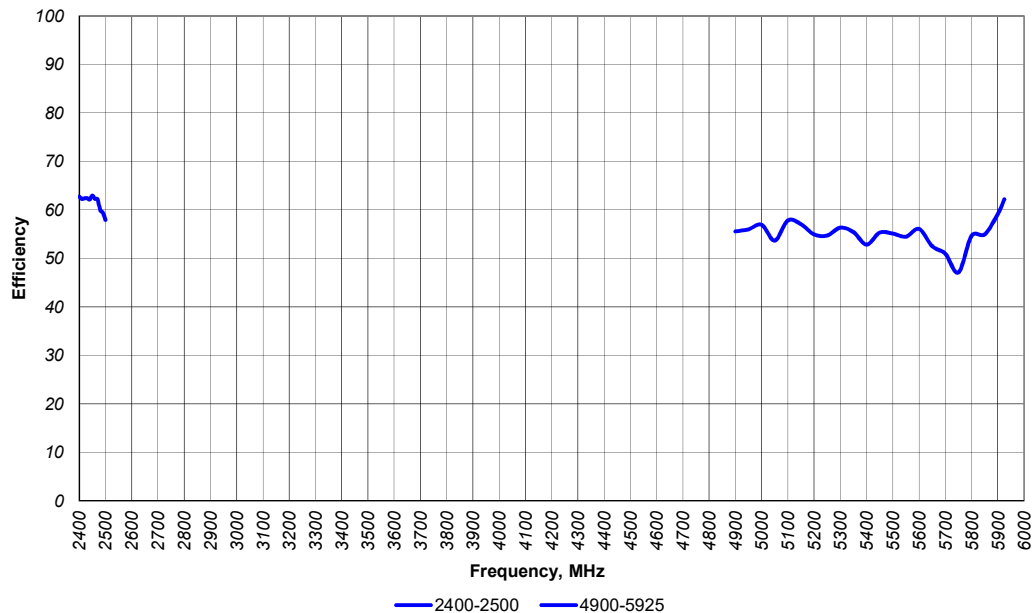
CHARTS

Peak Gain vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (WiFi 2)  
Measured at Pulse, USA - July 07, 2017



WiFi 2  
Measured with  
914mm (36") cable

Efficiency vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (WiFi 2)  
Measured at Pulse, USA - July 07, 2017



WiFi 2  
Measured with  
914mm (36") cable

Issue: 1742

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

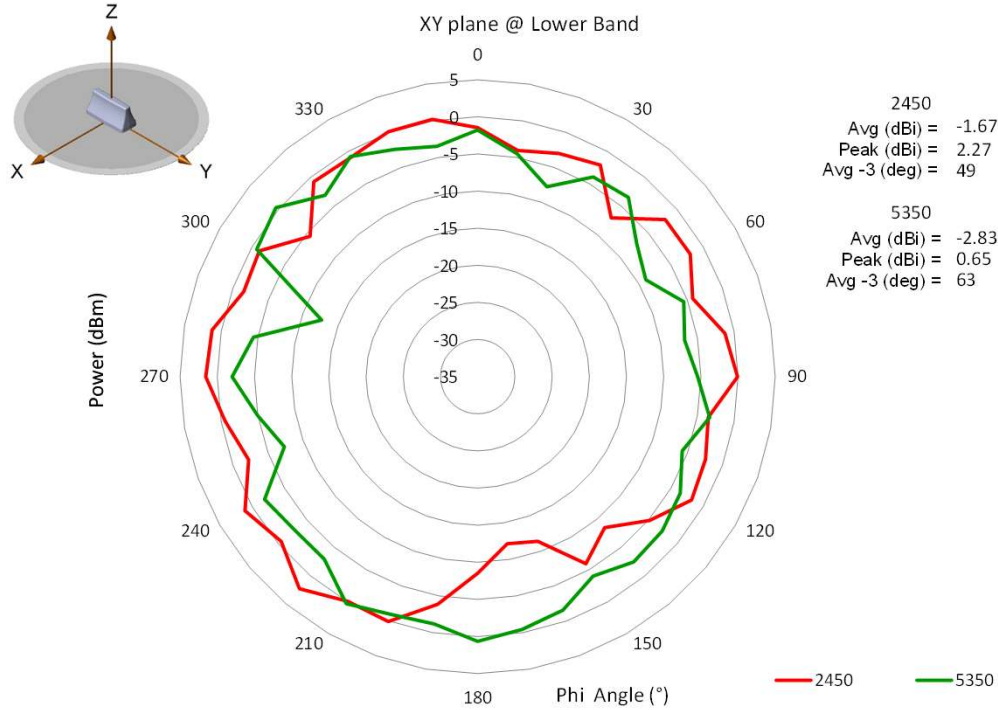
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: RAZORBACK

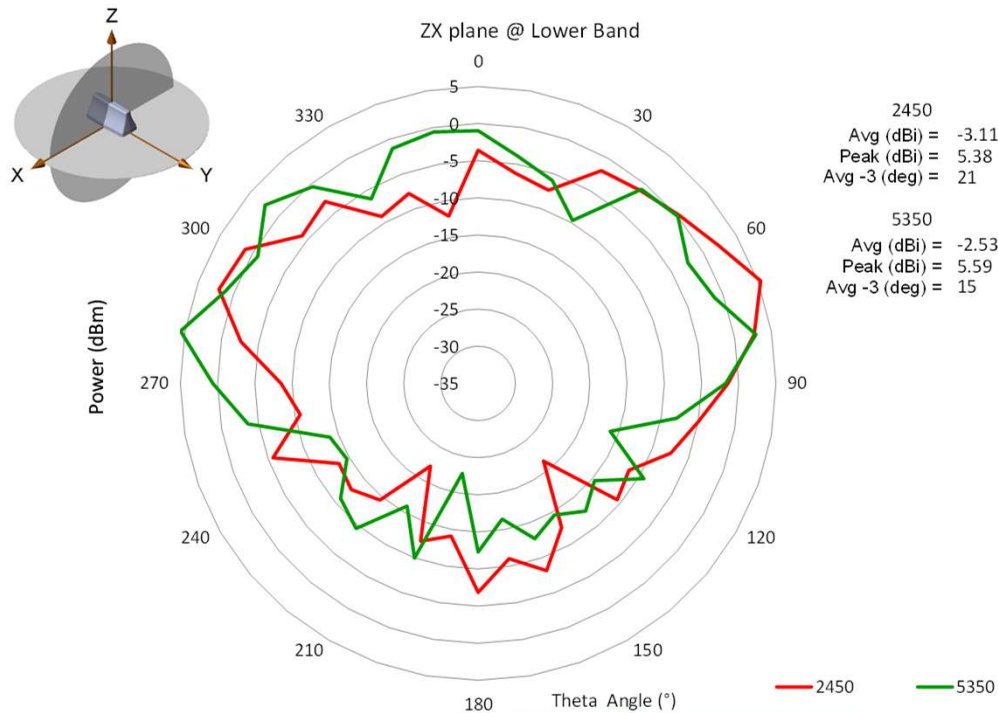
PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

CHARTS

WiFi 2  
Measured with  
914mm (36") cable



WiFi 2  
Measured with  
914mm (36") cable



Issue: 1742

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

CONFIDENTIAL AND PROPRIETARY INFORMATION

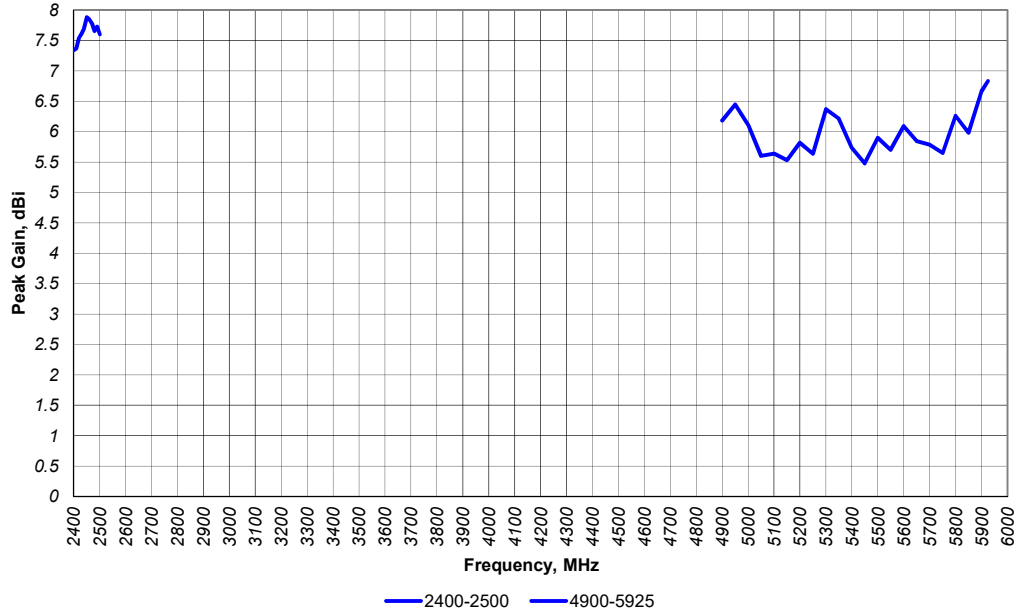
This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything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

Series: RAZORBACK

PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

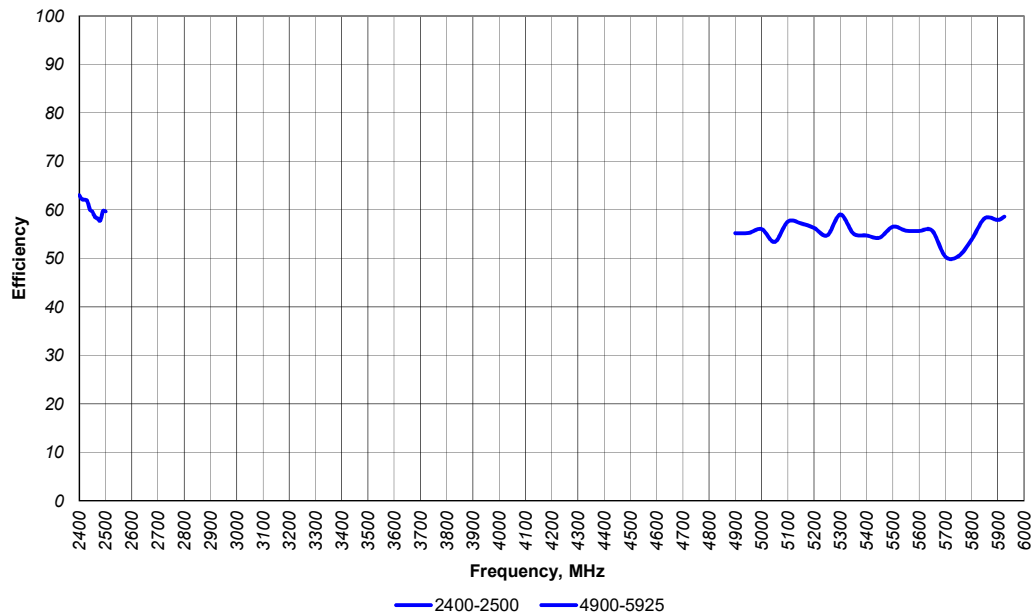
CHARTS

Peak Gain vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (WiFi 3)  
Measured at Pulse, USA - July 07, 2017



WiFi 3  
Measured with  
914mm (36") cable

Efficiency vs Frequency  
RAZ62311MM Measured with 3ft cables on Ø40" GP (WiFi 3)  
Measured at Pulse, USA - July 07, 2017



WiFi 3  
Measured with  
914mm (36") cable

Issue: 1742

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.

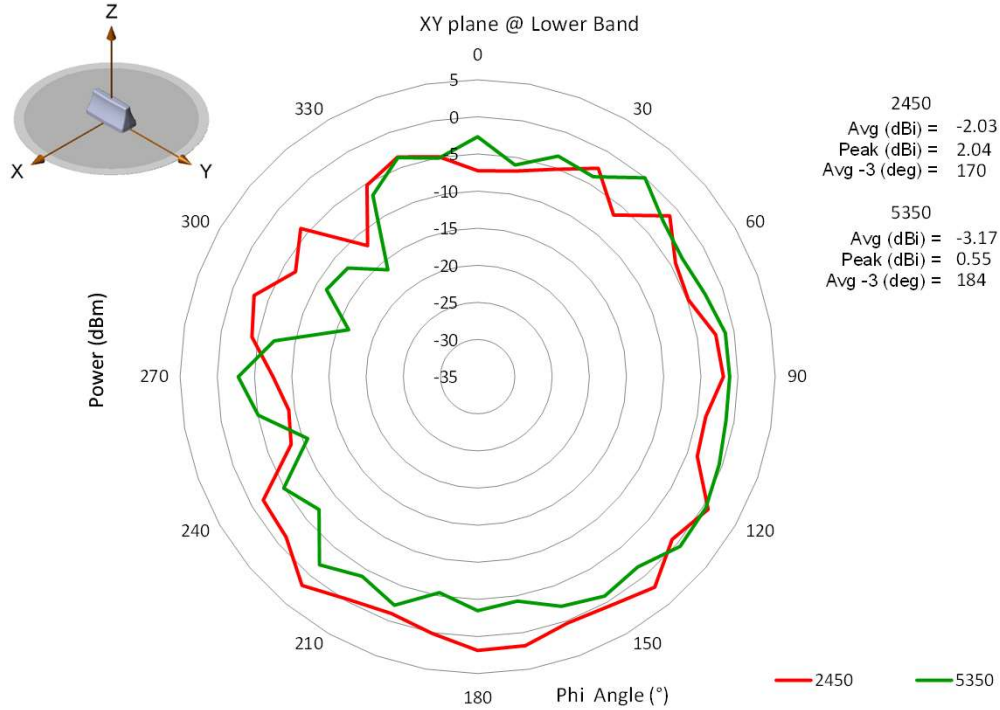


Series: RAZORBACK

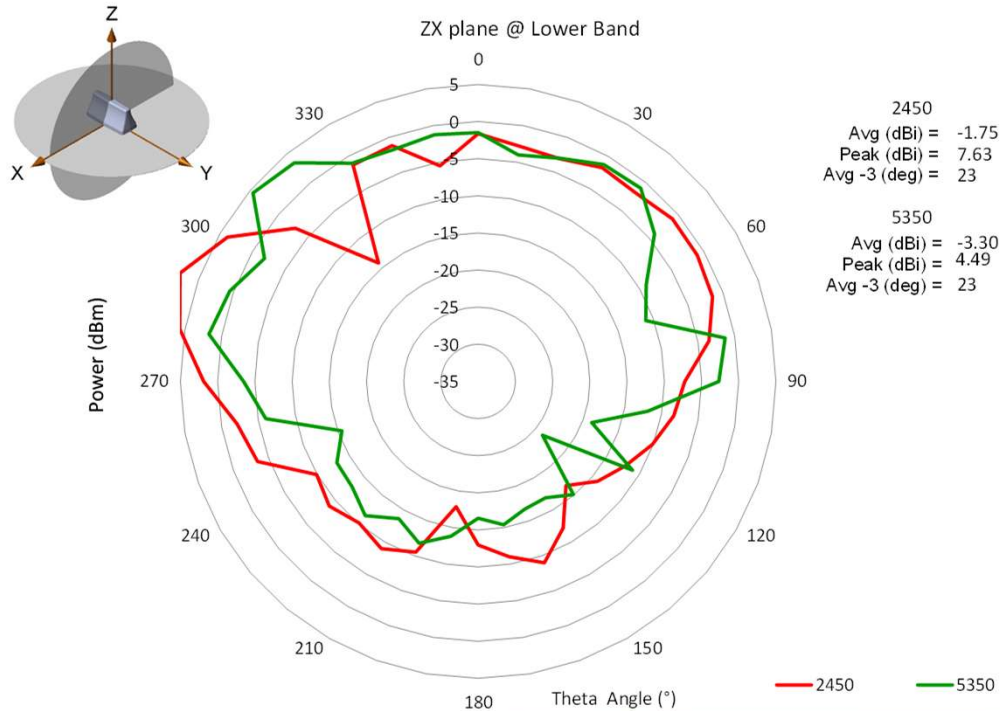
PART NUMBER: RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

CHARTS

WiFi 3  
Measured with  
914mm (36") cable



WiFi 3  
Measured with  
914mm (36") cable



Issue: 1742

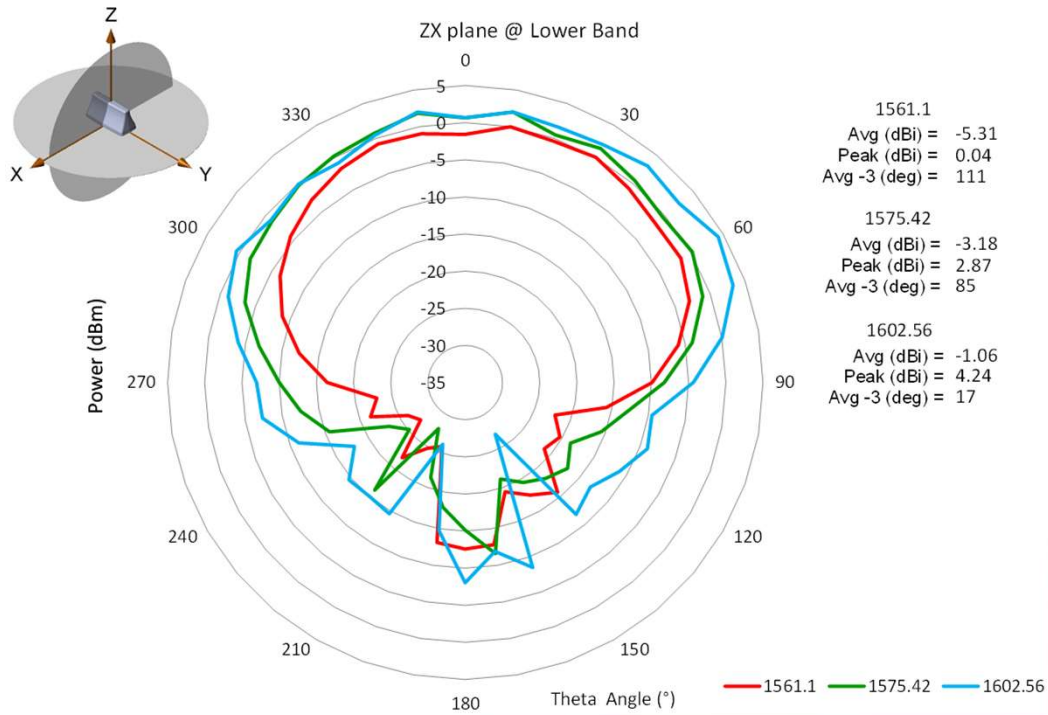
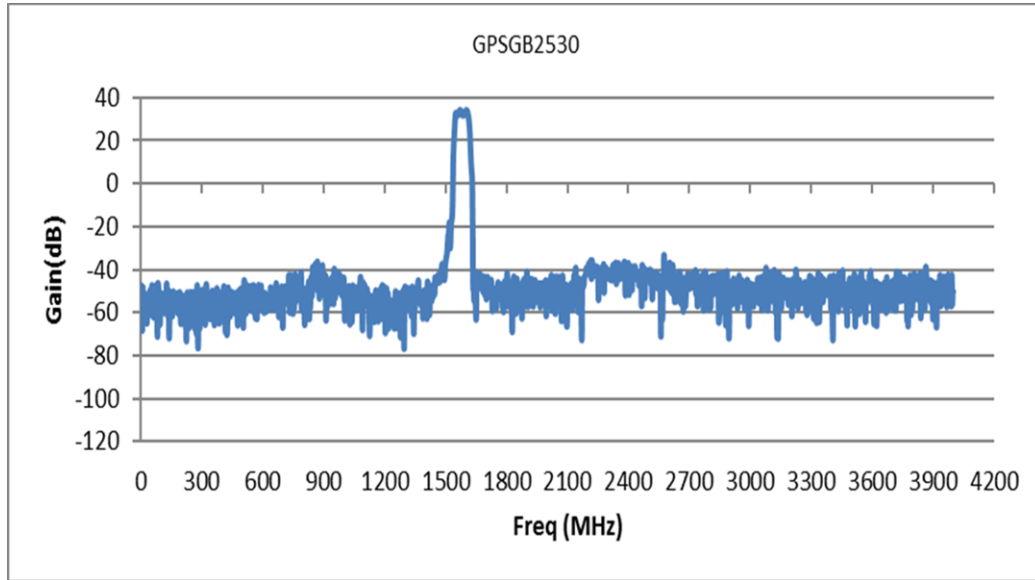
In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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.

CHARTS

GNSS LNA Gain and out-of-band rejection



GNSS

Passive  
Measurement  
Measured with  
152mm (6") cable

Issue: 1742

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:** GNSS / 2x LTE / 0, 1x, 2x or 3x WiFi  
Magnetic Mount

**Series:** RAZORBACK

**PART NUMBER:** RAZ32011MM, RAZ32012MM, RAZ42111MM,  
RAZ42112MM, RAZ52211MM, RAZ52212MM, RAZ62311MM, RAZ62312MM

## PACKAGING

1pcs antennas per foam bag

6pcs antennas per package box

Total 6pcs antenna per package box

Package box: 558mm\*386mm\*210mm



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.