

**Features:**

- Configuration: 2 x MiMo
- Frequency: 617 – 4200 MHz
- Gain: 1.5 / 2 / 3 dBi
- Size: Ø250 x 8 mm
- Low PIM < -150dBc
- Connector: N-female
- Direct mounting with nut

Applications:

- In building
- DAS 2xMiMo system
- DAS 4G LTE systems
- DAS 5G systems
- Ceiling mounting

All dimensions are in mm / inches

Issue: 2113

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 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

Preliminary



Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna**PART NUMBER: DASLPP5GXMIMO****Series: SKINNY****ELECTRICAL SPECIFICATIONS**

Antenna Type	PCB
Frequency	617-960MHz 1710-4200MHz
Nominal Impedance	50 Ω
VSWR	<1.8@617-960MHz <1.5@1710-3800MHz <2@3800-4200MHz
Radiation Pattern	Omni
Gain	1.5-4dBi@617-960MHz >2dBi@1710-2700MHz >3dBi@ 3300-4200MHz
PIM	<-150dBc
Polarization	Vertical
Power Withstanding	5W

MECHANICAL SPECIFICATIONS

Overall Length	\varnothing 250x8mm
Weight	400+/-10g
Antenna Color / Material	White/ABS
Connector type	N-Female x 2
Cable type	
Cable length	300mm

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40-60° C
Storage Temperature	-10-60° C
RoHS Compliant	Yes

OTHER SPECIFICATIONS

Issue: 2113

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.

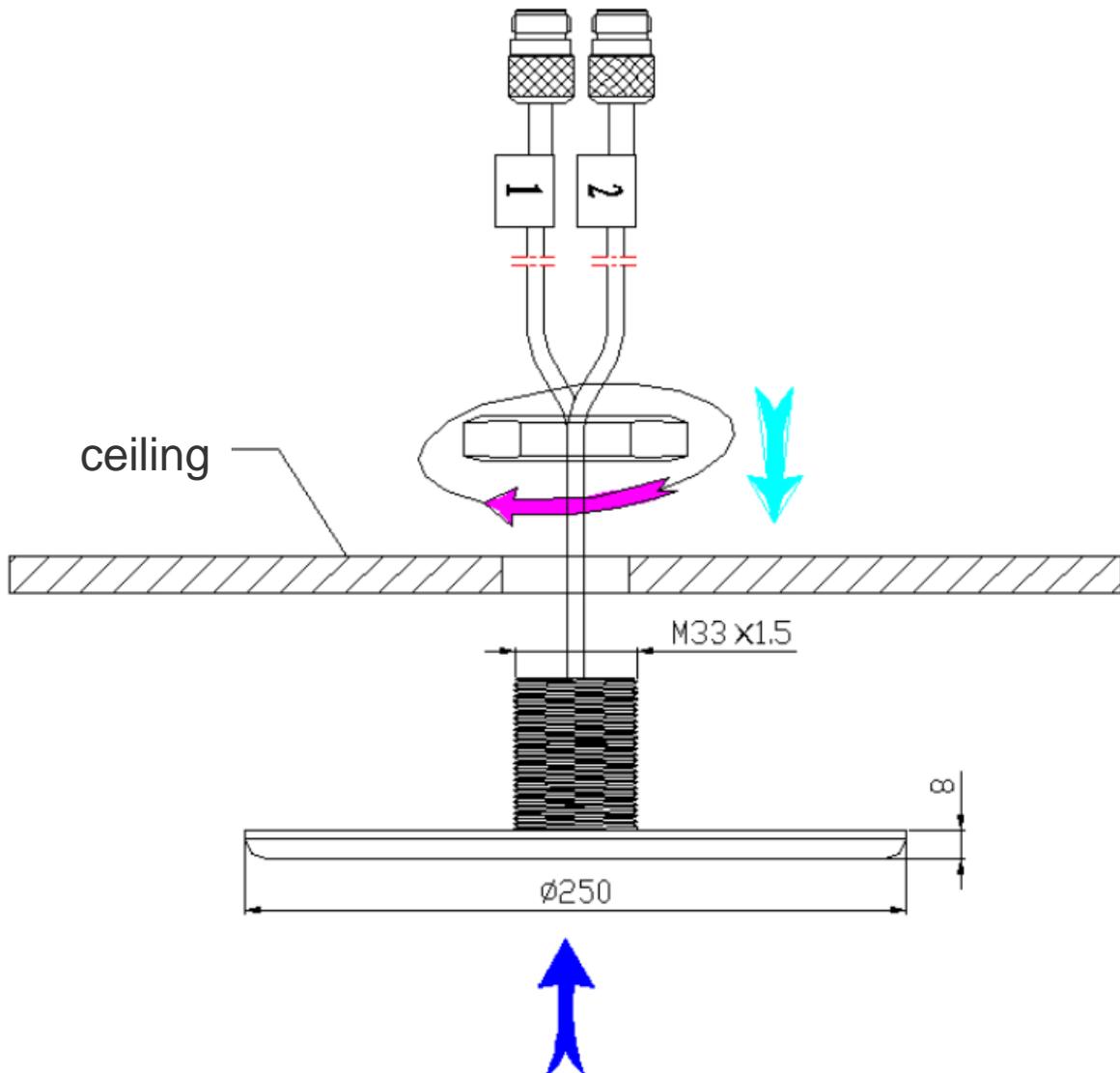
Preliminary

Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

MECHANICAL DRAWING



Issue: 2113

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.

Preliminary

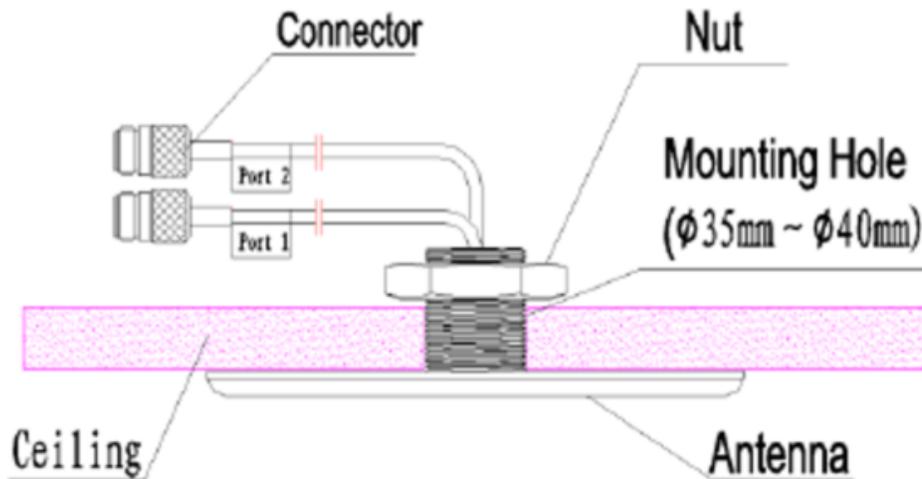
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

ASSEMBLY

Installation Sketch



1. Drill a $\phi 35 - \phi 40$ hole on the ceiling.
2. Install the antenna as the following picture shows then tighten the bolts.
3. Connect the RF jumper to antenna connector.

Issue: 2113

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.

Preliminary

Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

TEST SETUP



Preliminary

Issue: 2113

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.

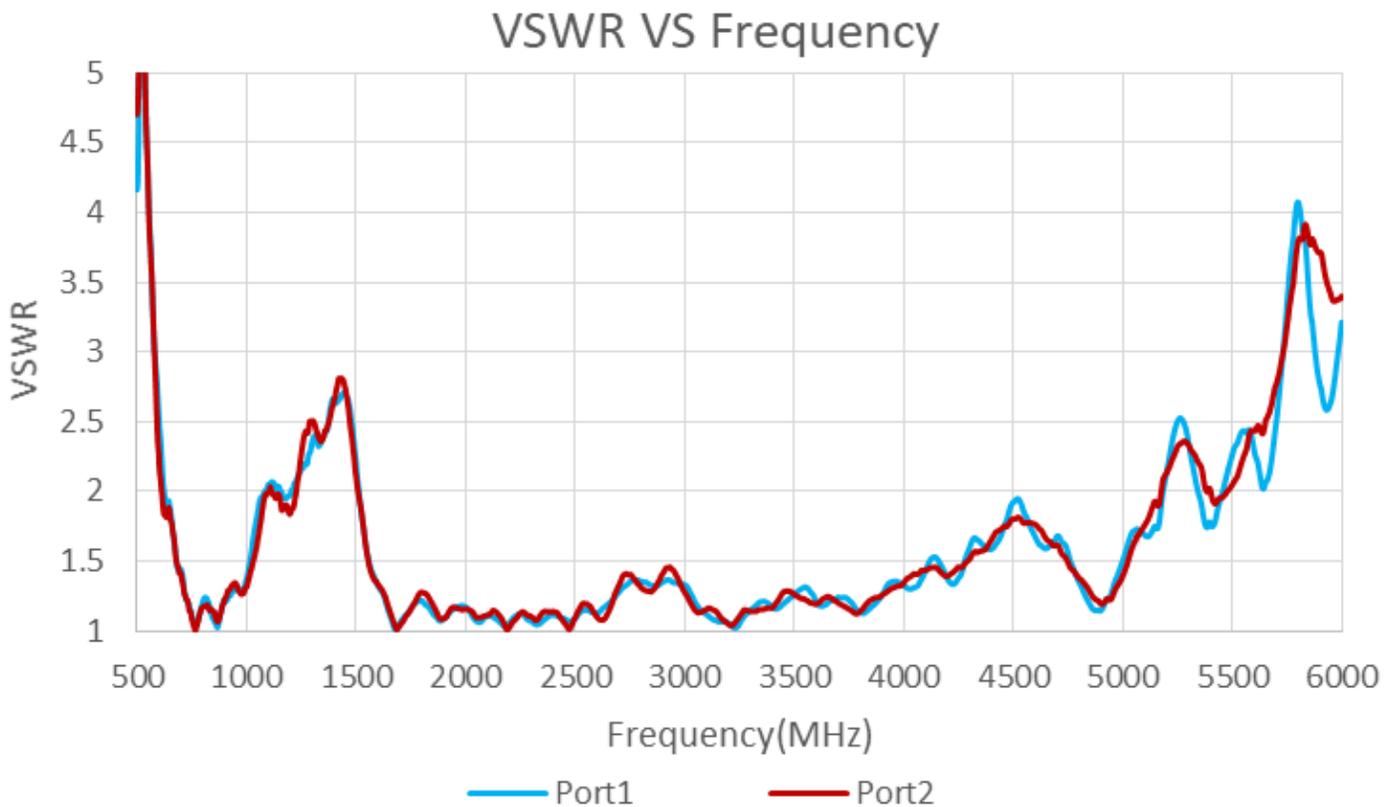
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

VSWR



Issue: 2113

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.

Preliminary



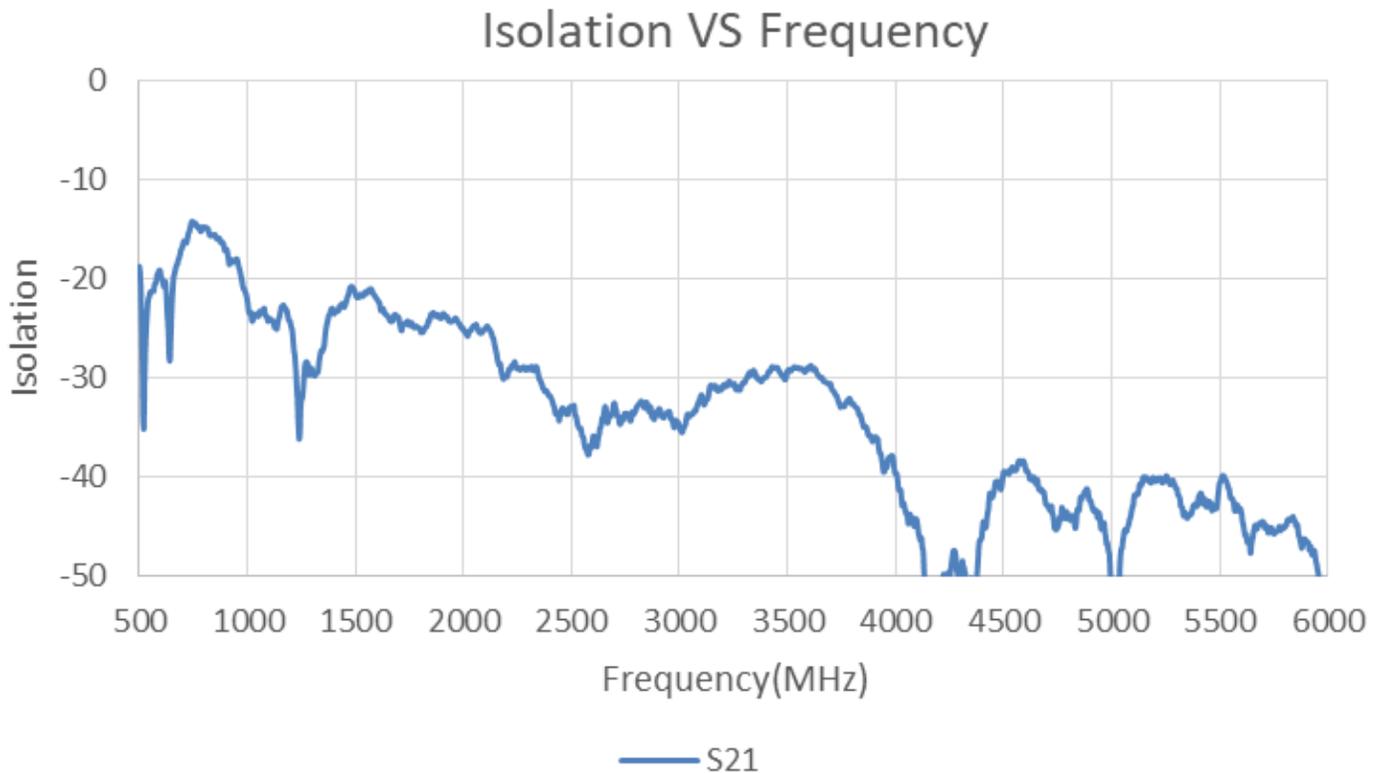
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Isolation



Issue: 2113

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.

Preliminary

Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

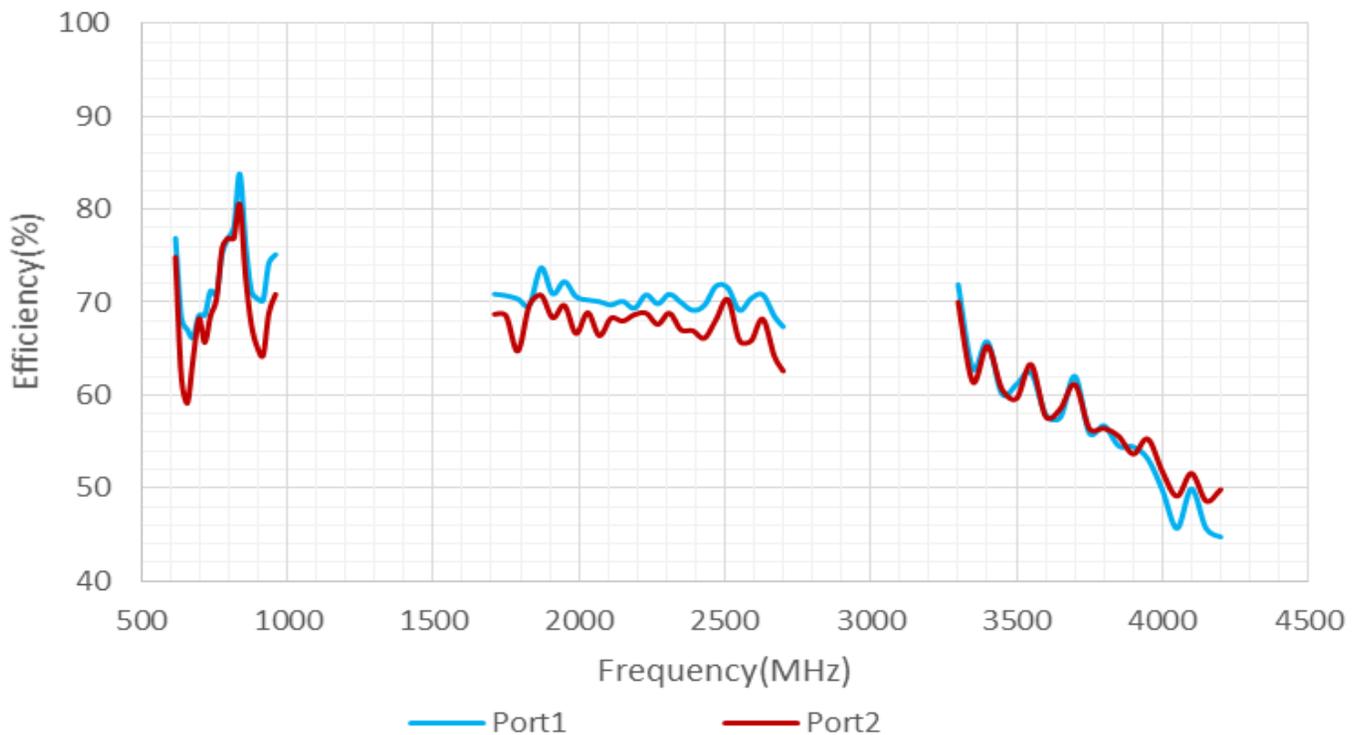
PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Efficiency

Efficiency vs Frequency



Issue: 2113

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.

Preliminary



Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

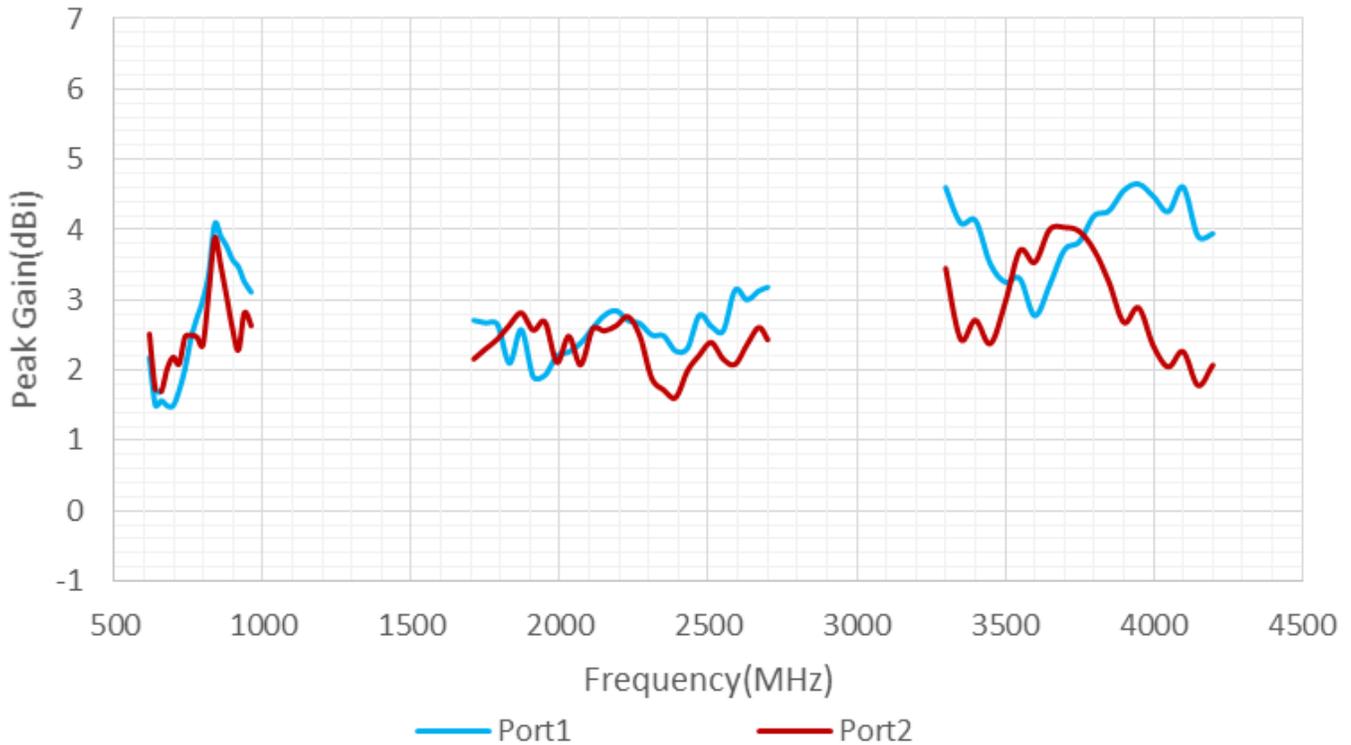
PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Peak Gain

Peak Gain vs Frequency



Preliminary

Issue: 2113

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.

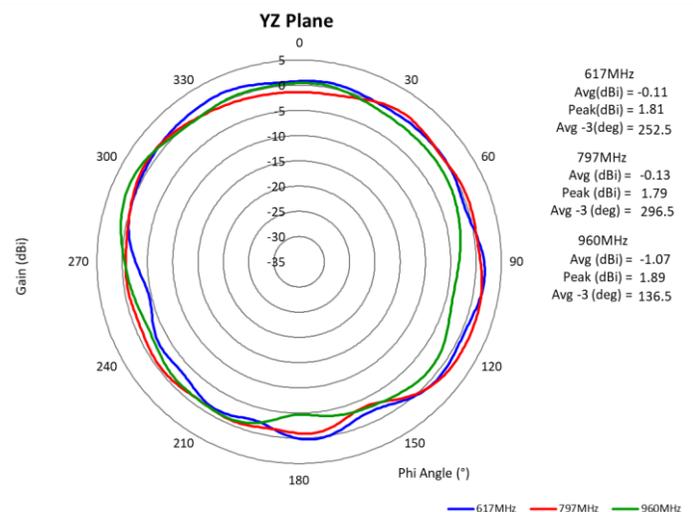
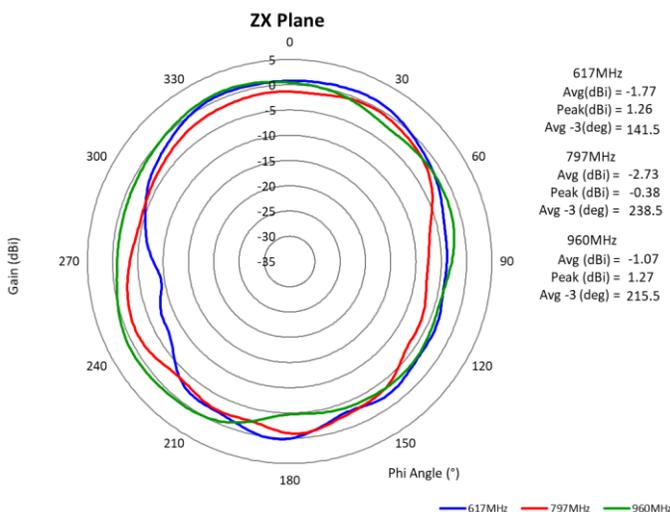
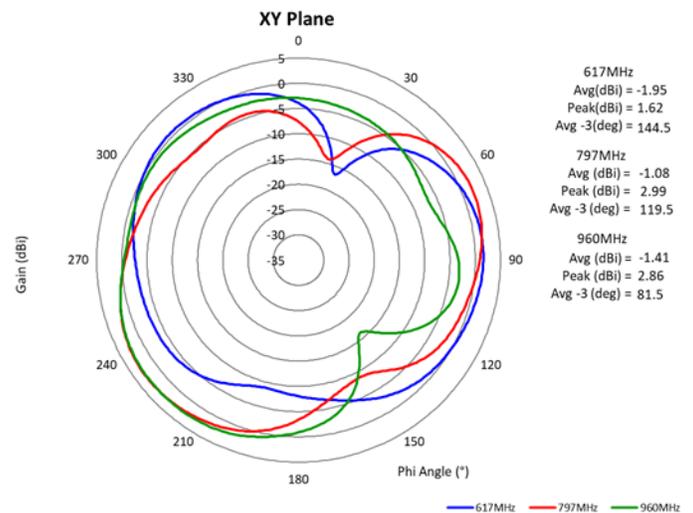
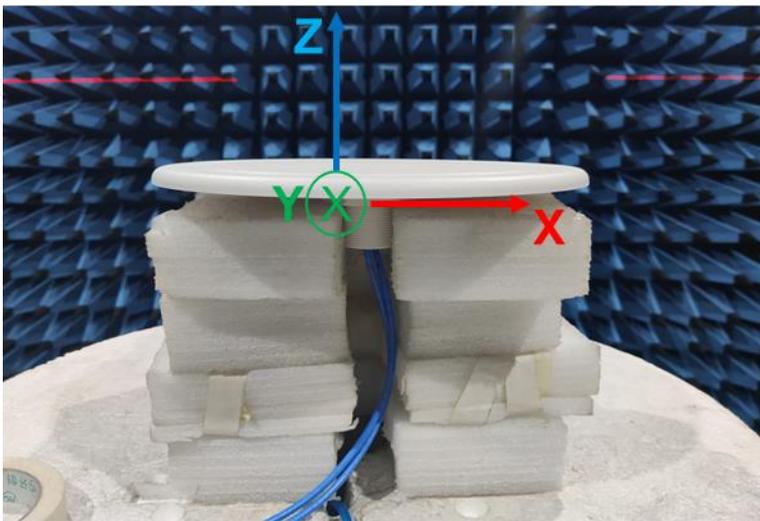
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Patterns of port1



Issue: 2113

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.

Preliminary



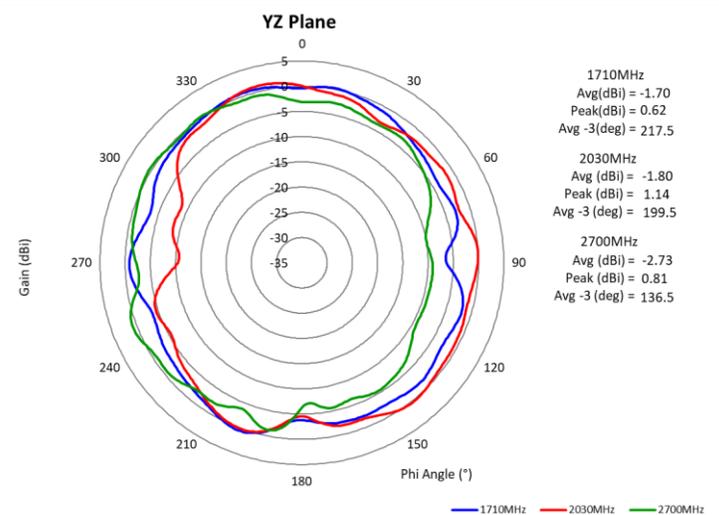
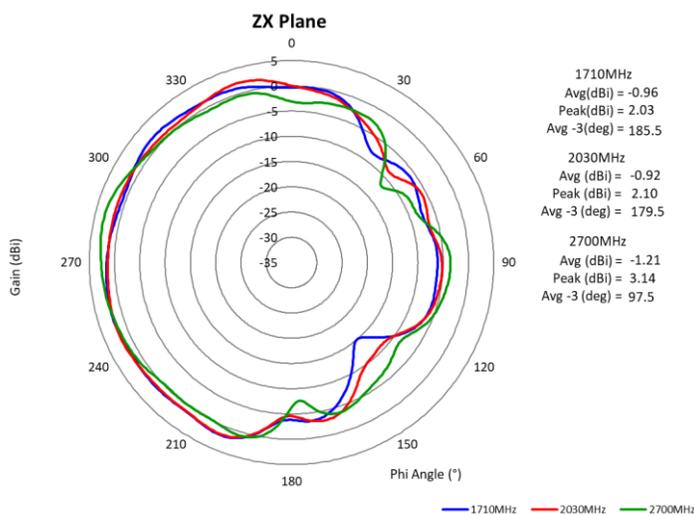
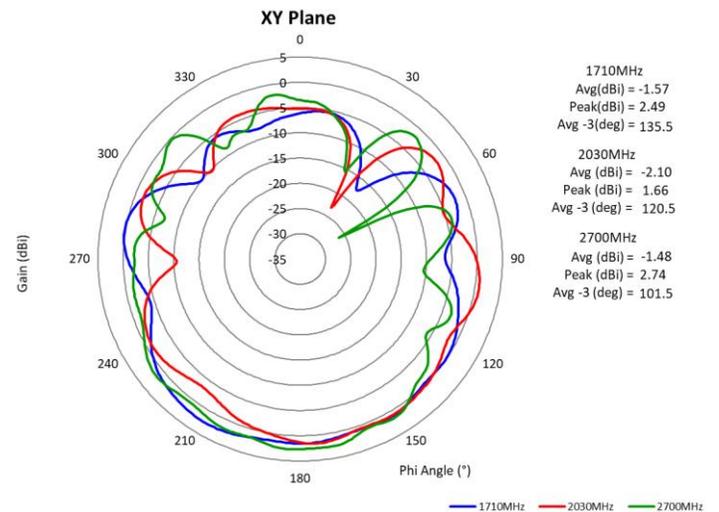
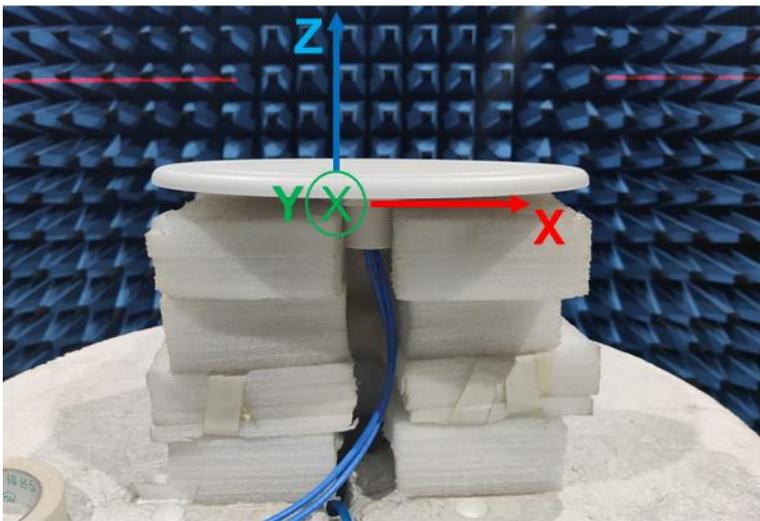
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Patterns of port1



Issue: 2113

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.

Preliminary

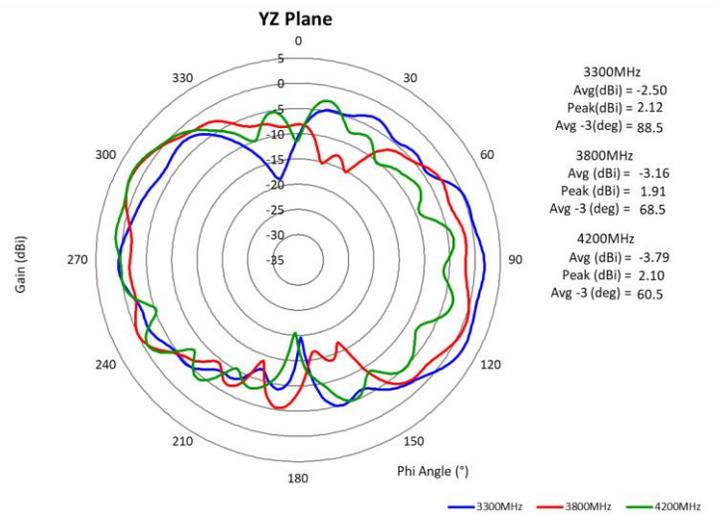
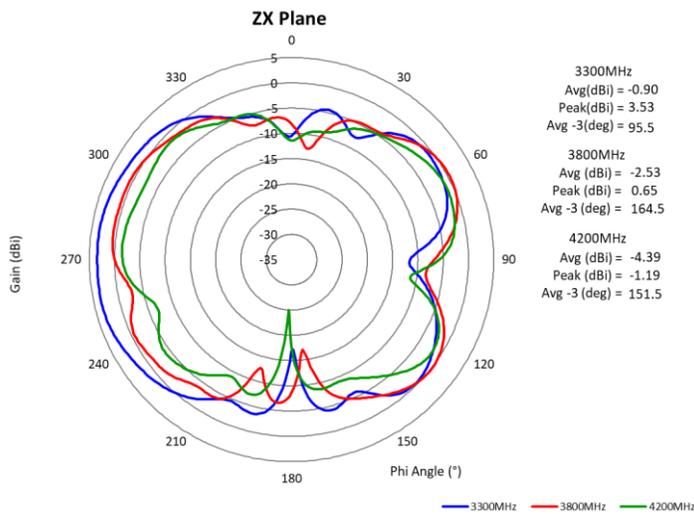
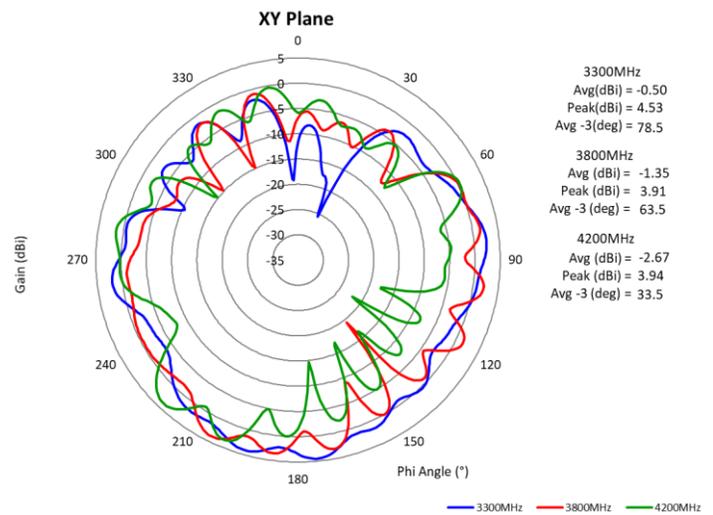
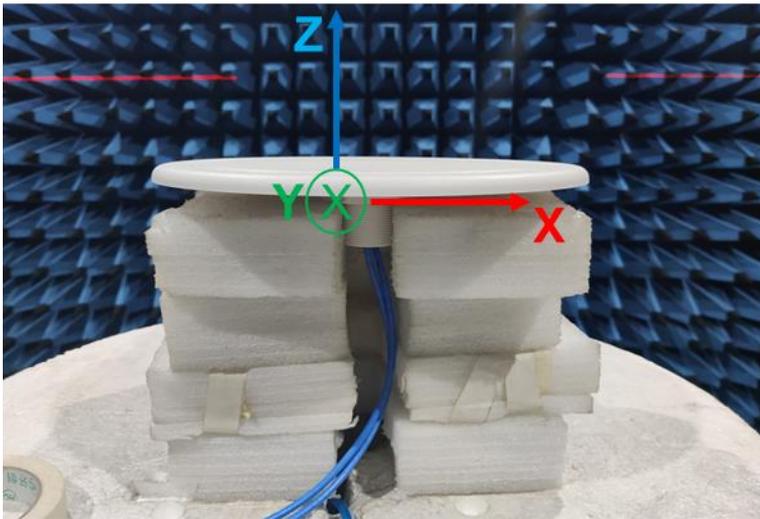
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Patterns of port1



Issue: 2113

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.

Preliminary

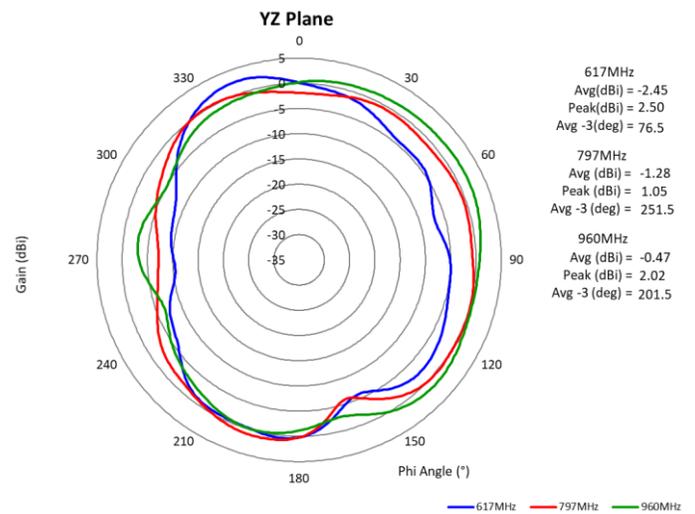
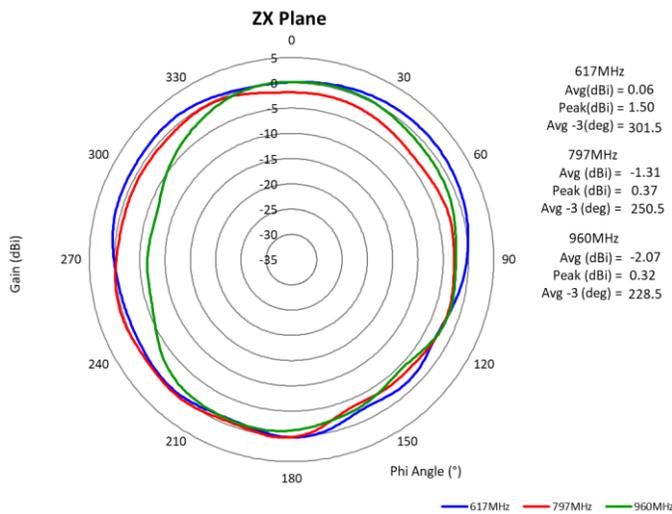
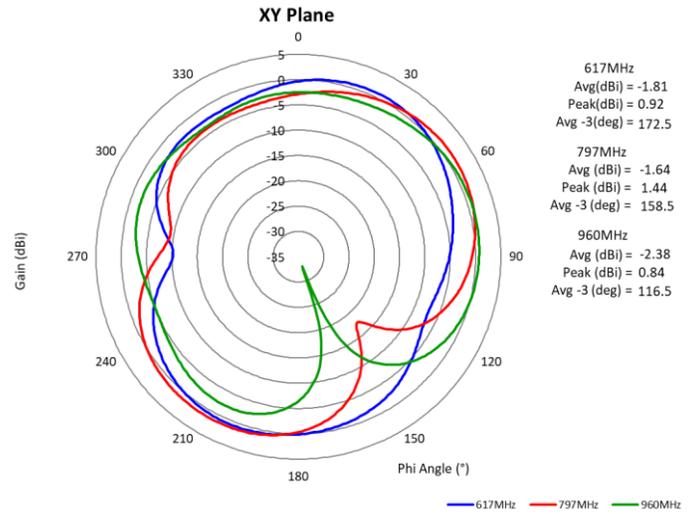
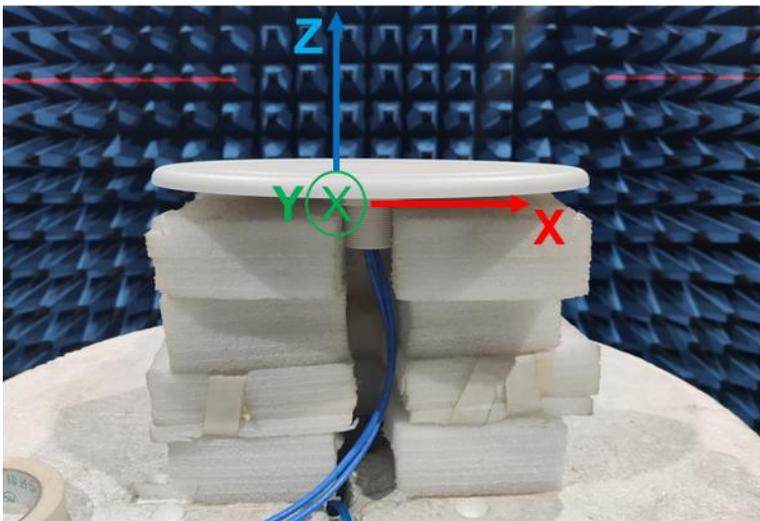
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Patterns of port2



Issue: 2113

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.

Preliminary

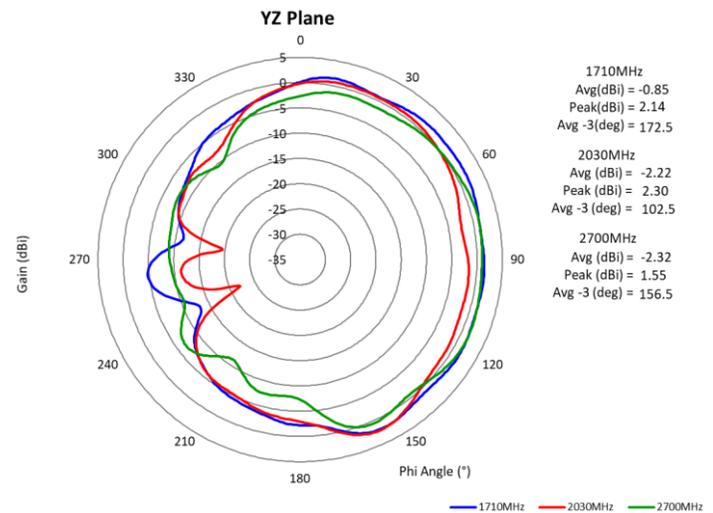
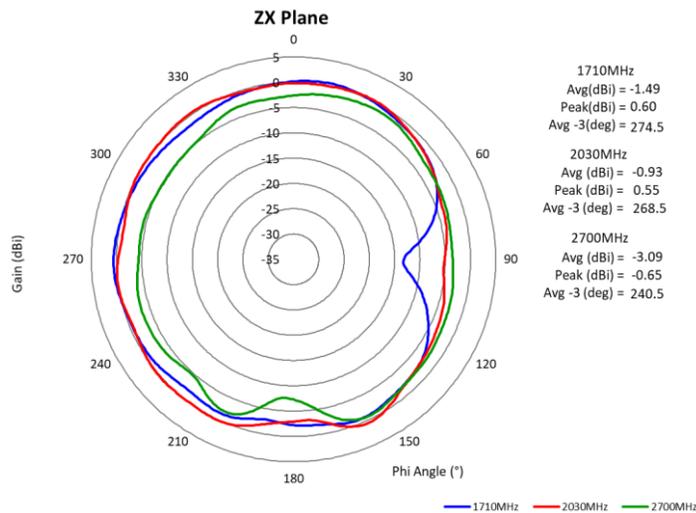
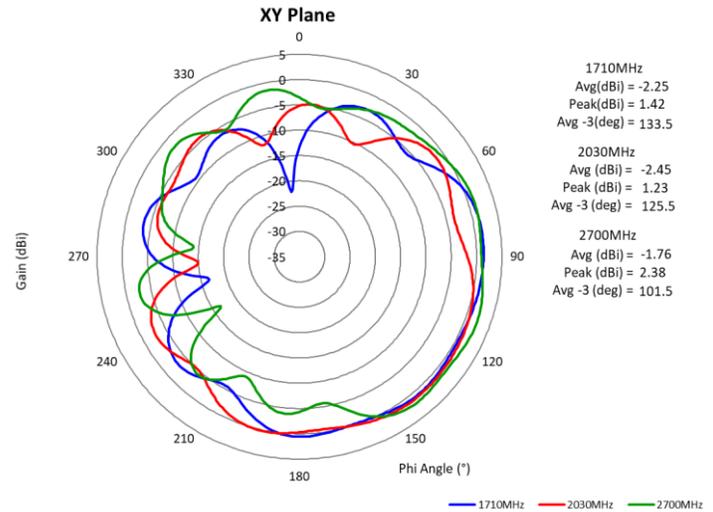
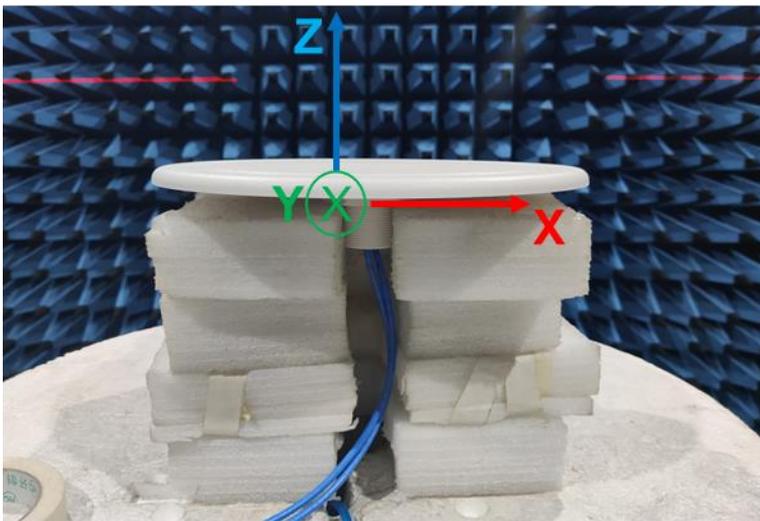
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Patterns of port2



Issue: 2113

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.

Preliminary

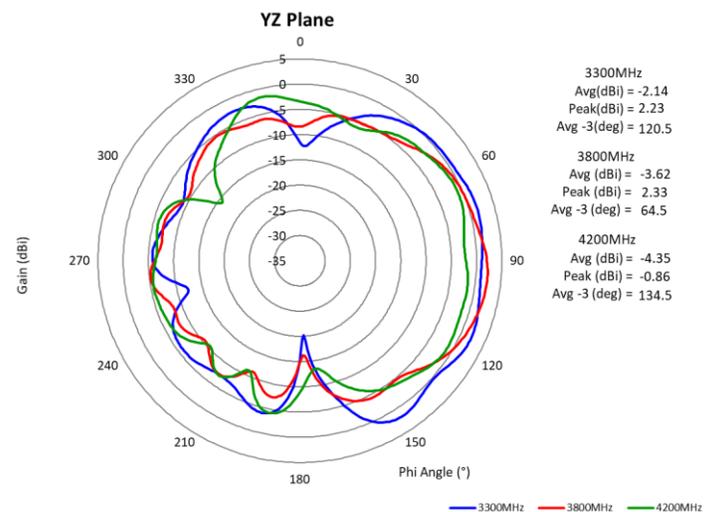
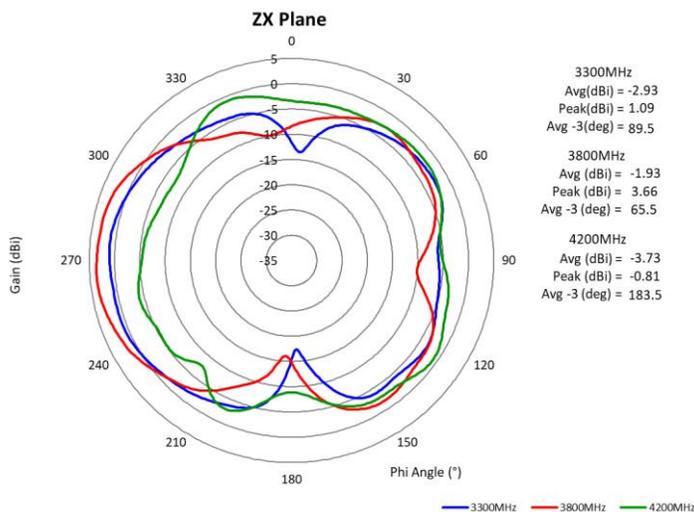
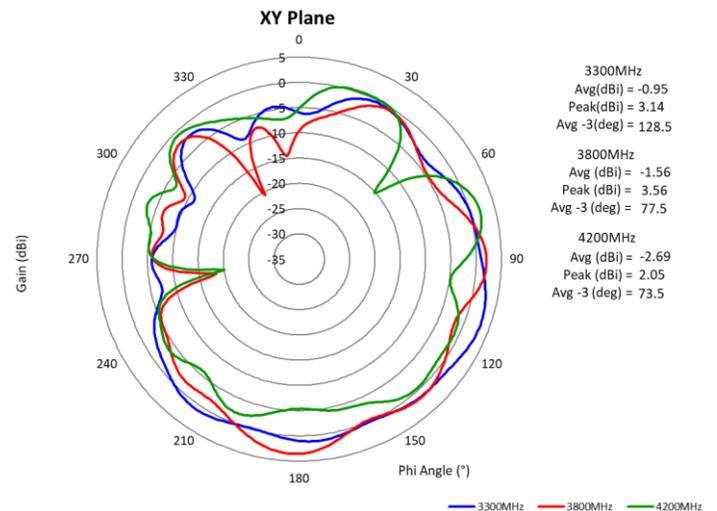
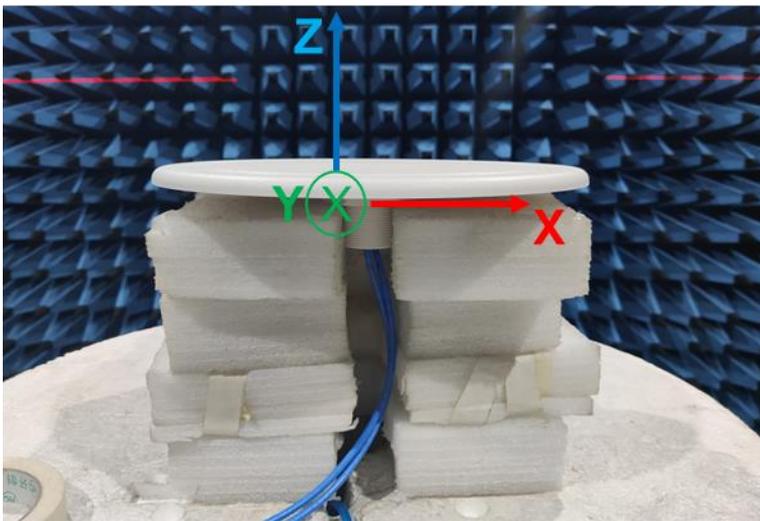
Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

CHARTS

Patterns of port2



Issue: 2113

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.

Preliminary

Description: LTE 4G/5G MiMo 617-4200MHz
Low PIM Ceiling Mount Antenna

PART NUMBER: DASLPP5GXMIMO

Series: SKINNY

PACKAGING

1 ANTENNA WITH 1 BOX

Issue: 2113

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.

Preliminary

