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PulseLARSEN Antennas

Series: Stubby Antenna

TECHNICAL DATA SHEET

Description: 3G Pentaband 824-2170MHz, Straight

PART NUMBER: W1910/W1911/W1910-M



W1910/W1911

Features:

- Small form factor monopole
- Antenna size W x H:

  W1910/W1911(10.4 x 49.0mm)

  W1910-M (12 x 50mm)
- Lead free materials
- RoHS Compliant Product
- Connector Type:

  W1910/W1910-M SMA (male)

  W1911 RP-SMA (male)



W1910-M

Applications:

- Penta band EU/US GSM/WCDMA
- Frequency range:

850 / 900 / 1800 / 1900/ 2100 MHz

- M2M Applications

All dimensions are in mm

Issue: 1715

RoHS COMPLIANT

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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

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ELECTRICAL SPECIFICATIONS

Frequency	824-960MHz
	1710-2170MHz
Nominal Impedance	50Ω
Return Loss	-4dB 824-960MHz
	-6dB 1710-2170MHz
Peak Gain	1dBi 824-960MHz
	2dBi 1710-2170MHz
Efficiency	51%
Radiation Pattern	Omni
Polarization:	Linear
Power withstanding	5W

Issue: 1715

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MECHANICAL SPECIFICATIONS

Weight	W1910/W1911:7.5g W1910-M :7.8g
Antenna Color / Material	Black
Connector type	W1910/W1910-M SMA(Male) W1911 RP-SMA(Male)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30/+75 ° C
Storage Temperature	-30/+75 ° C
Ingress Protection	IP65(W1910-M)
Wind-loading	100km/h
RoHS Compliant	Yes

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PulseLARSEN Antennas

TECHNICAL DATA SHEET

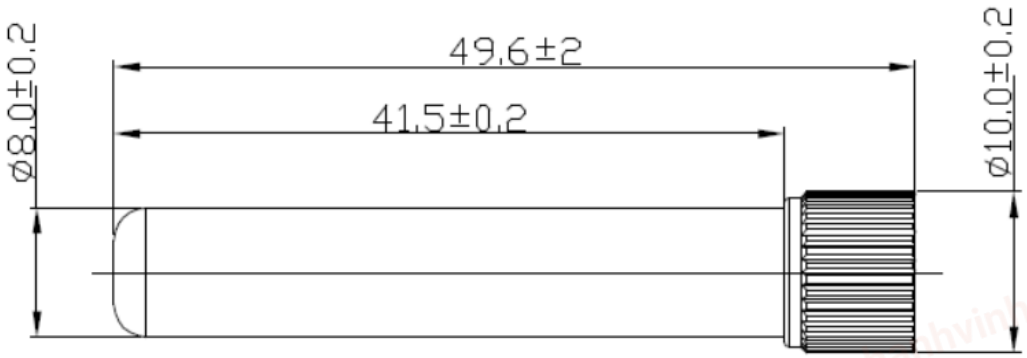
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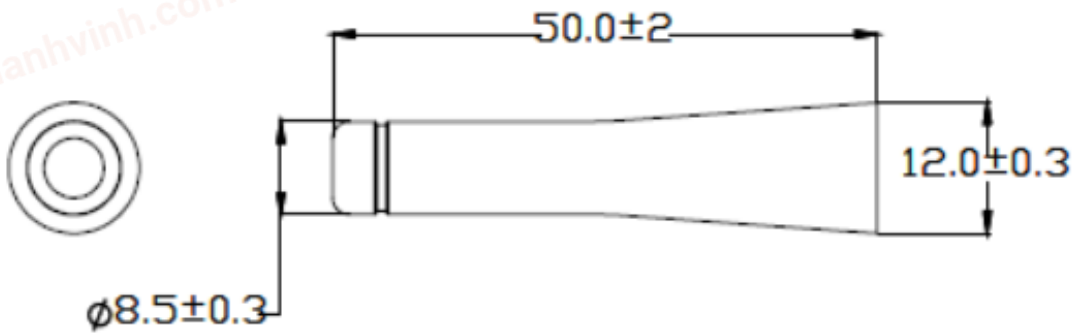
PART NUMBER: W1910/W1911/W1910-M

MECHANICAL DRAWING

W1910/W1911



W1910-M



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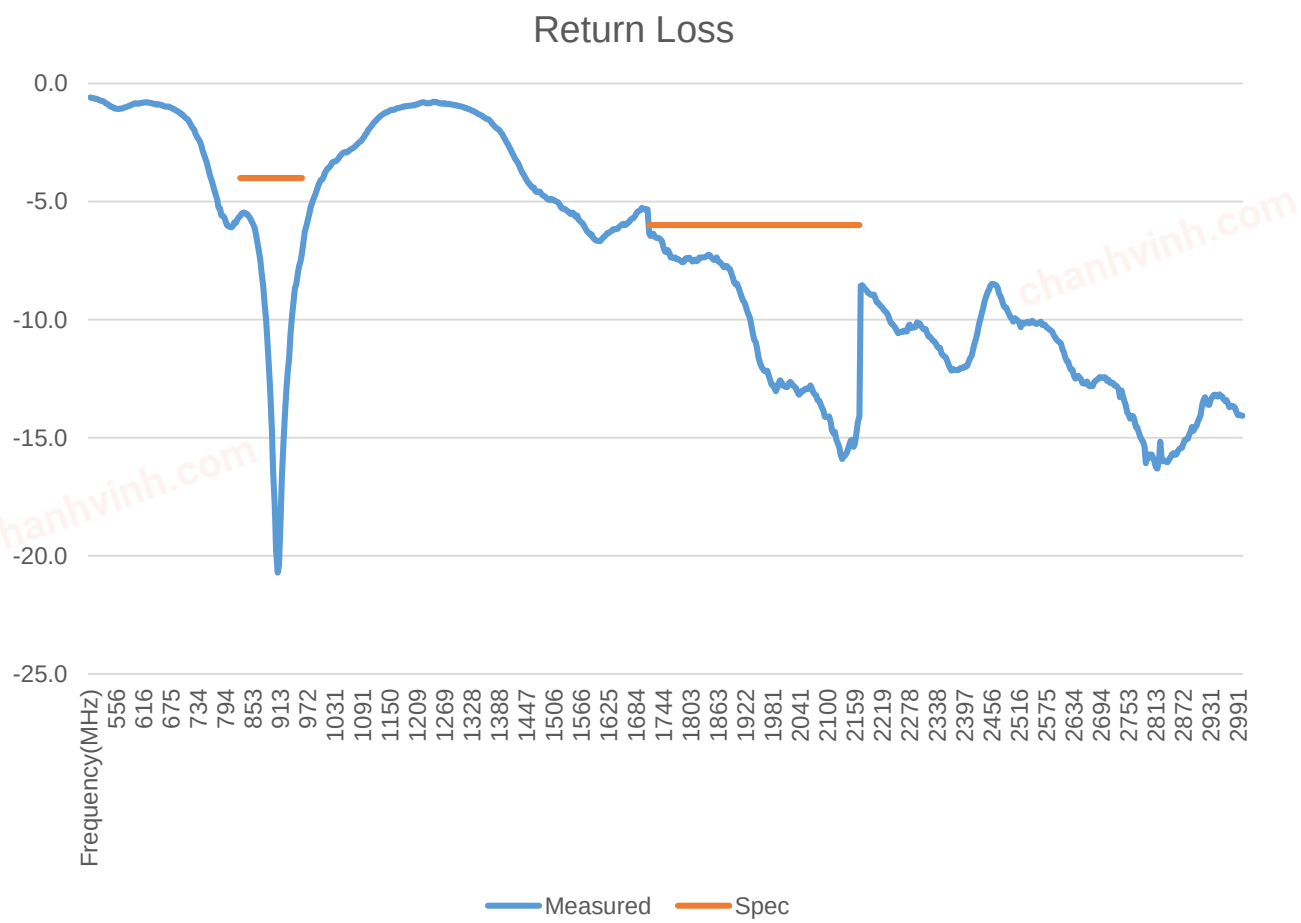
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CHARTS

Return Loss



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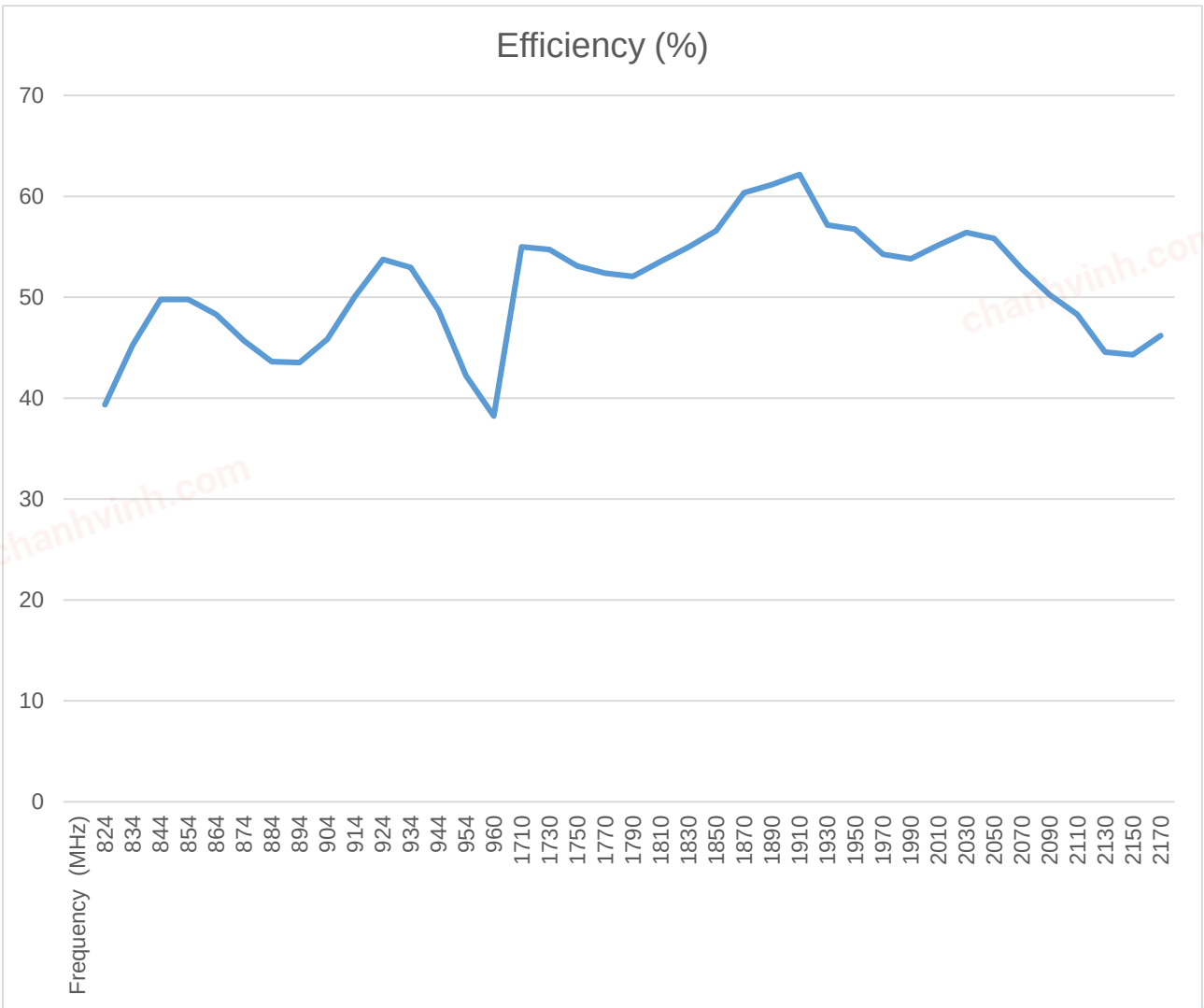
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CHARTS

Efficiency(%)



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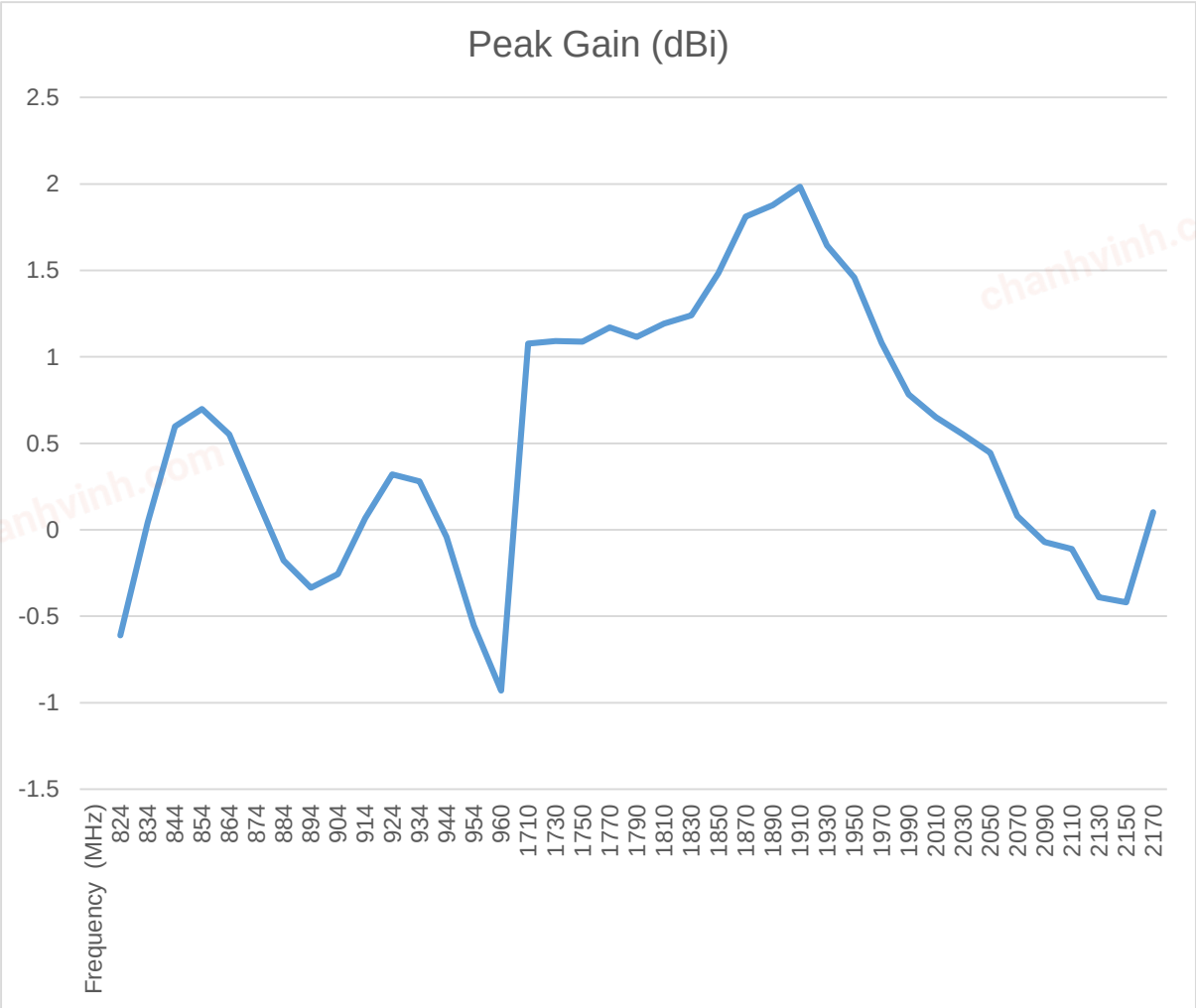
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CHARTS

Peak Gain (dBi)



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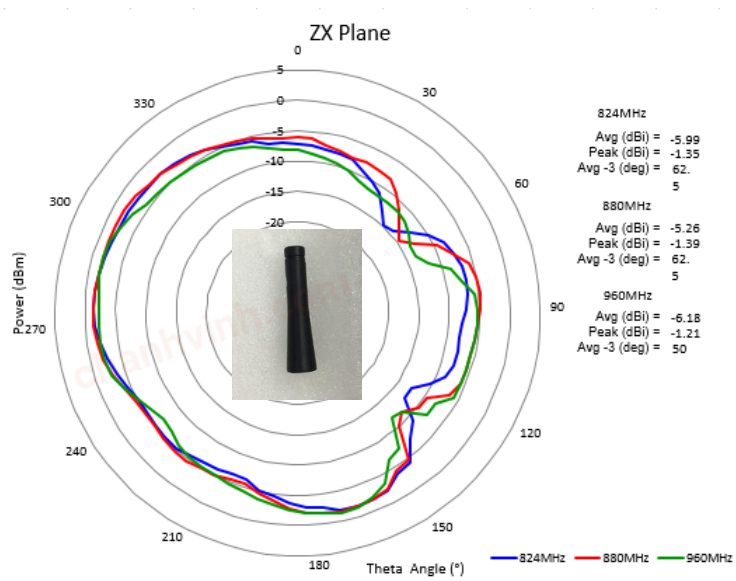
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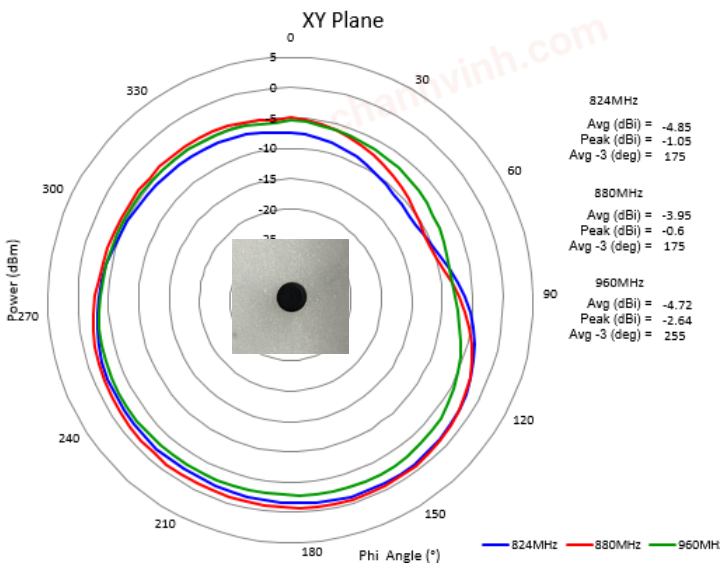
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Free Space Radiation Pattern

Elevation Plane



Horizontal Plane



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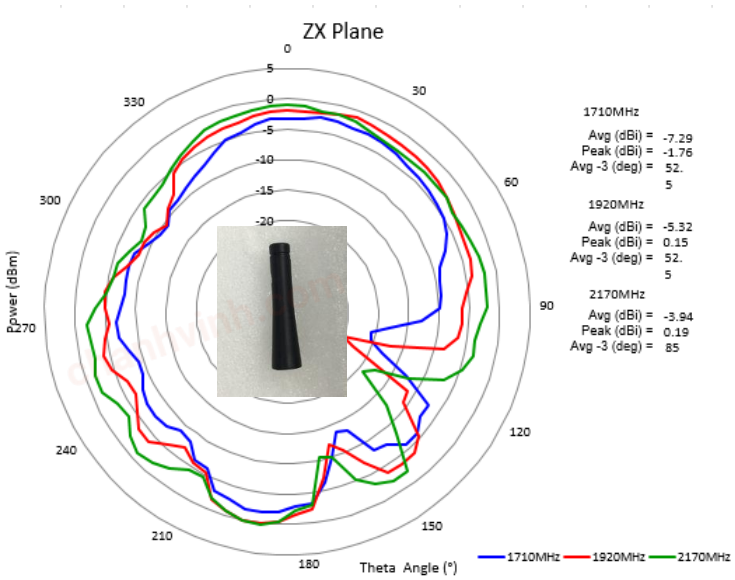
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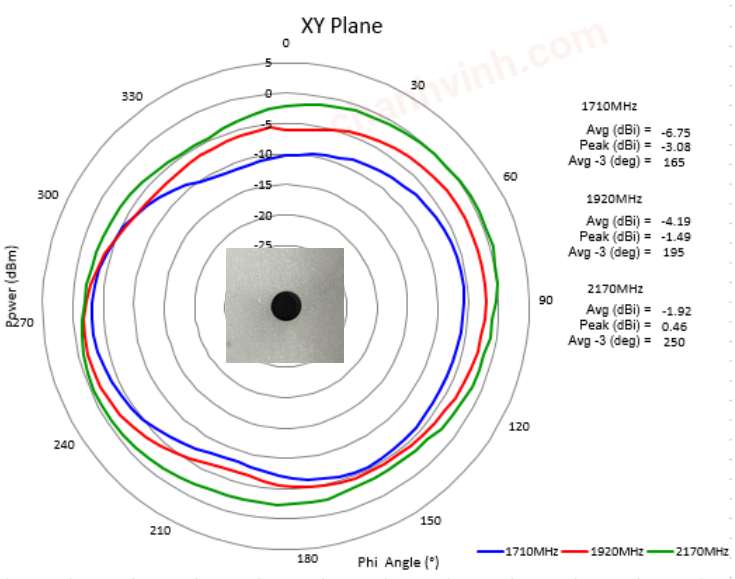
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PACKAGING

1pcs antenna per PE bag

24pcs PE bags per tray

14pcs trays per package box(2 pcs empty tray)

288pcs antenna per package

Package box: 460mm*235mm*140mm

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