

**Series: Stubby Antenna****Description:** 3G Pentaband 824-2170MHz,  
Straight**PART NUMBER: W1910-MPS**

W1910/W1911



W1910-M

**Features:**

- All information provided in this datasheet is for the W1910,
- The W1910-MPS is a custom version of W1910-M without the
- Characteristics may differ for W1910-MPS
- Small form factor monopole
- Lead free materials
- RoHS Compliant Product

**Applications:**

- Penta band EU/US GSM/WCDMA
- Frequency range:  
850 / 900 / 1800 / 1900/ 2100 MHz
- M2M Applications

All dimensions are in mm

Issue: 2312

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



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Tel: 86 512 6807 9998

**Series: Stubby Antenna****Description: 3G Pentaband 824-2170MHz,  
Straight****PART NUMBER: W1910-MPS****ELECTRICAL SPECIFICATIONS**

Frequency	824-960MHz 1710-2170MHz
Nominal Impedance	50 $\Omega$
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

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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

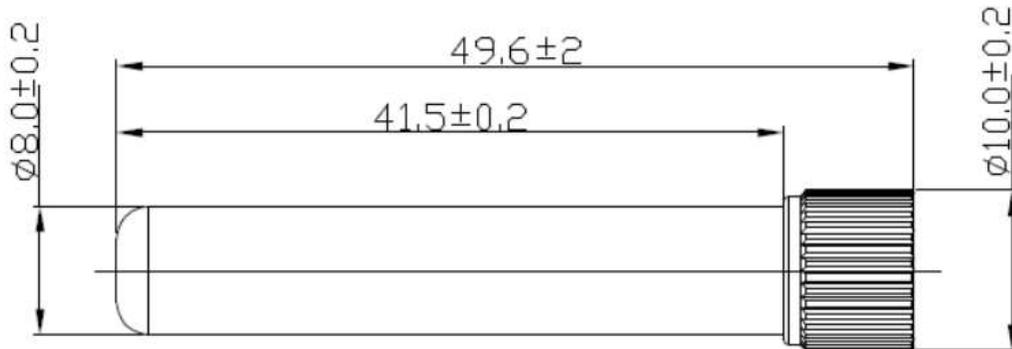
Series: Stubby Antenna

Description: 3G Pentaband 824-2170MHz,  
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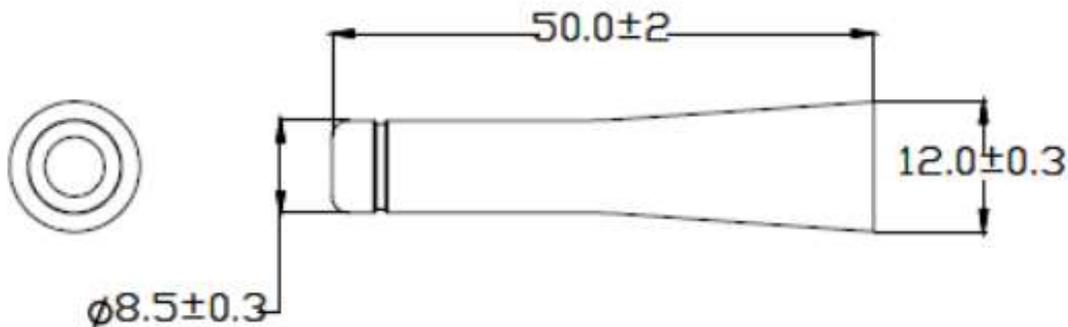
PART NUMBER: W1910-MPS

MECHANICAL DRAWING

W1910/W1911



W1910-M



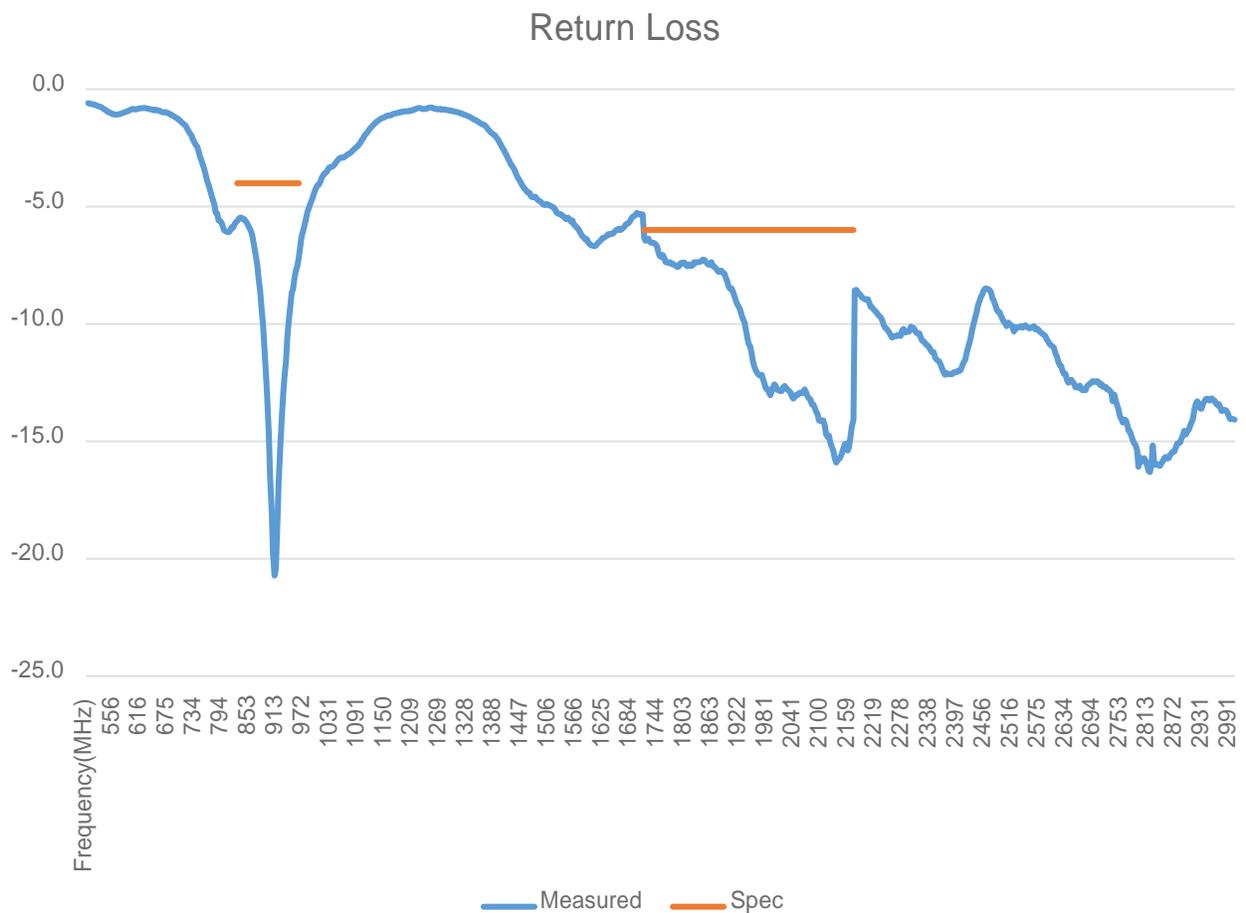
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## CHARTS

### Return Loss



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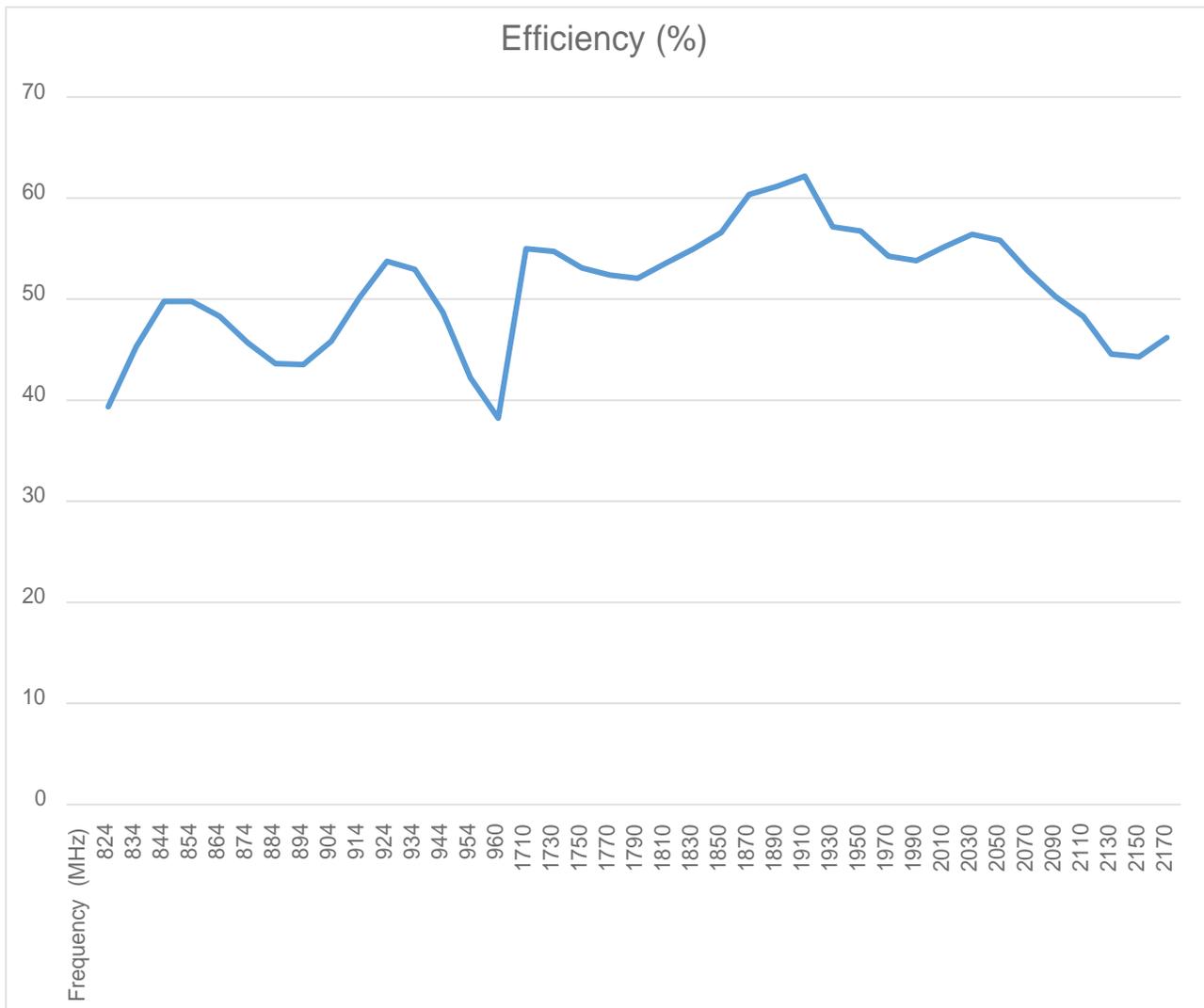
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CHARTS

Efficiency(%)



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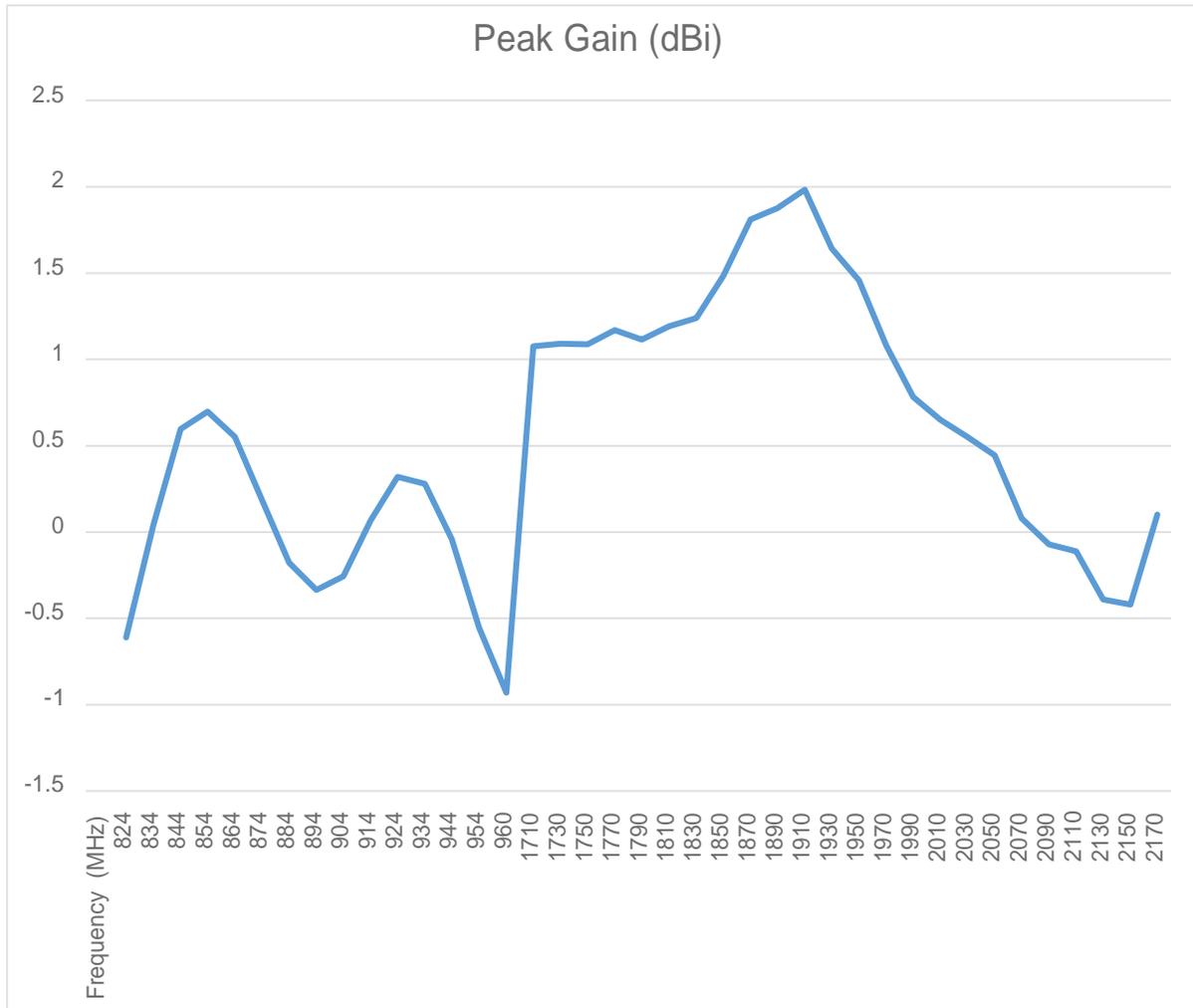
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## CHARTS

### Peak Gain (dBi)



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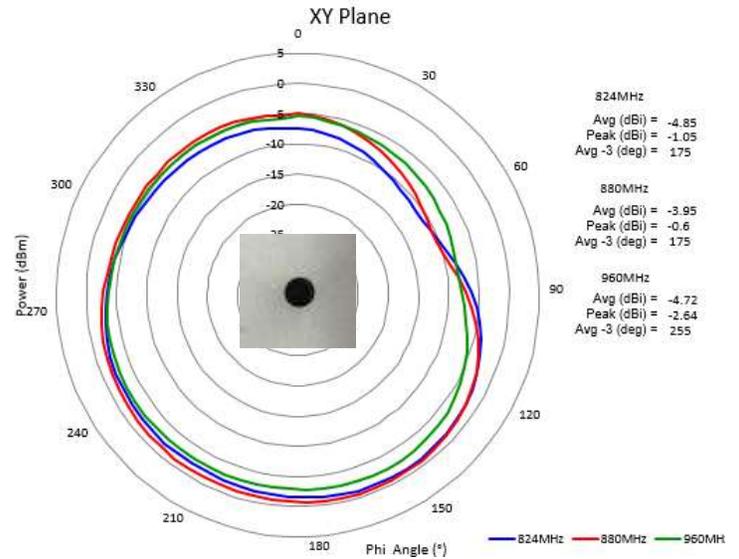
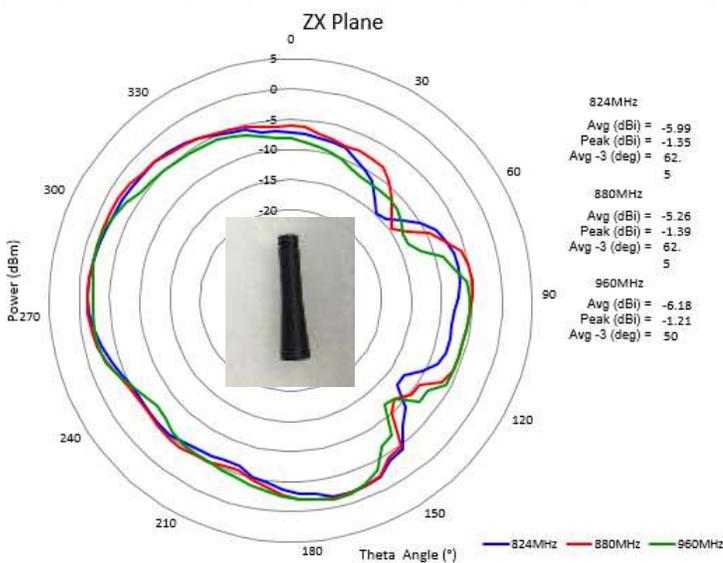
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## CHARTS

### Free Space Radiation Patterns

#### Elevation Plane

#### Horizontal Plane



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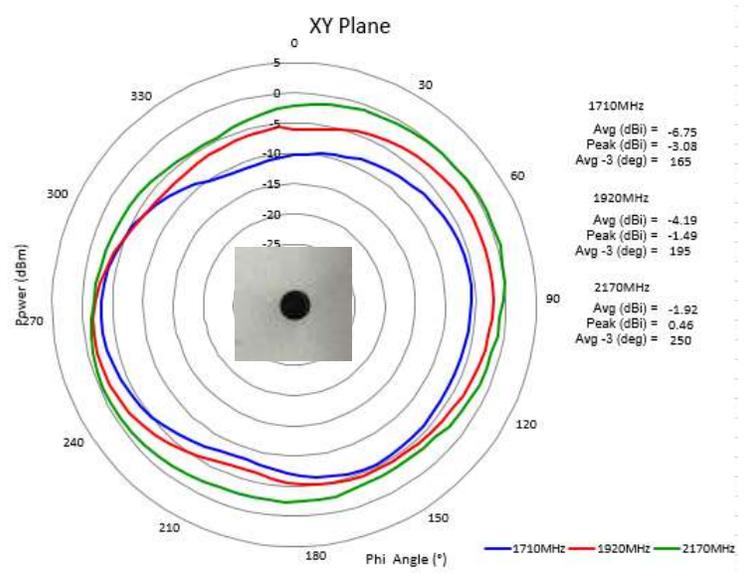
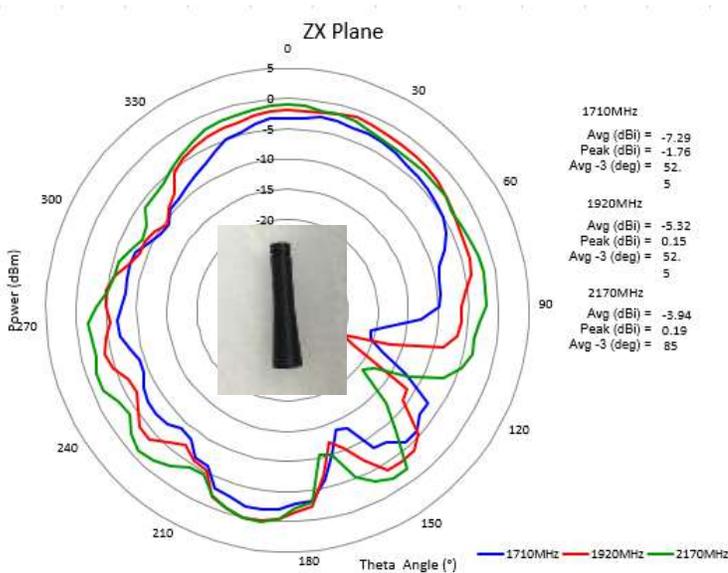
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## PACKAGING

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