

Series: Stubby Antenna

Description: 3G Pentaband 824-2170MHz,
Right angle

PART NUMBER: W1900/W1902/W1900-M



W1900/W1902

Features:

- Small form factor monopole

- Antenna size W x L x H

W1900/W1902 (18.4 x 8.0 x 49.5mm)

W1900-M (22 x 11.4 x 50.5mm)

- Lead free materials

- RoHS Compliant Product

- Connector Type:

W1900/W1900-M SMA (male)

W1902 RP-SMA (male)



W1900-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

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

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For more information:

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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 | 52% |
| Radiation Pattern | Omni |
| Polarization: | Linear |
| Power withstanding | 5W |

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MECHANICAL SPECIFICATIONS

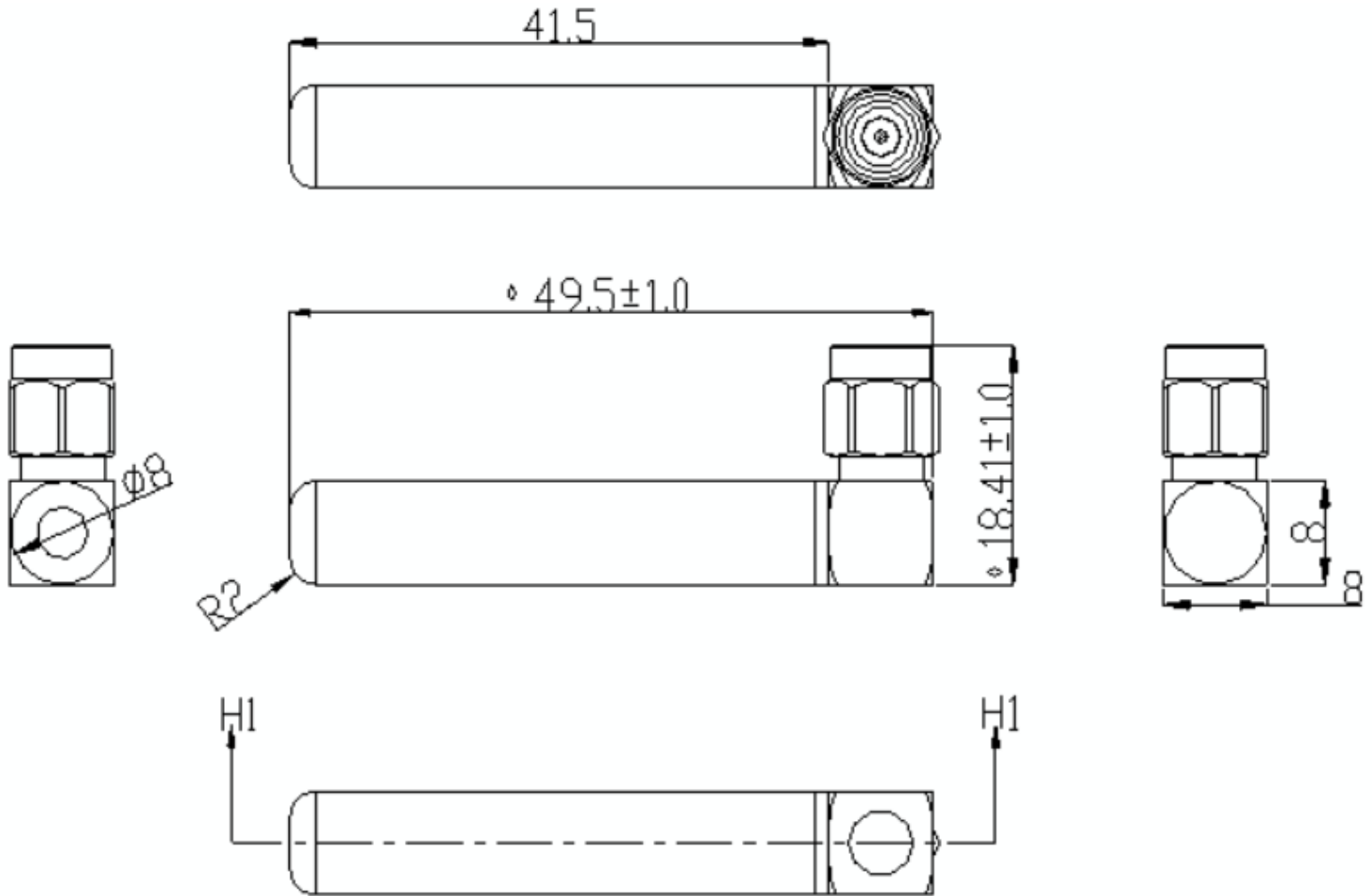
| | |
|--------------------------|---|
| Weight | W1900/W1902 11.07g W1900-M 11.1g |
| Antenna Color / Material | Black |
| Connector type | W1900/W1900-M SMA(Male) W1902 RP-SMA(Male) |

ENVIRONMENTAL SPECIFICATIONS

| | |
|-----------------------|---------------|
| Operating Temperature | -30/+75 ° C |
| Storage Temperature | -30/+75 ° C |
| Ingress Protection | IP65(W1900-M) |
| Wind-loading | 100km/h |
| RoHS Compliant | Yes |

MECHANICAL DRAWING

W1900/W1902



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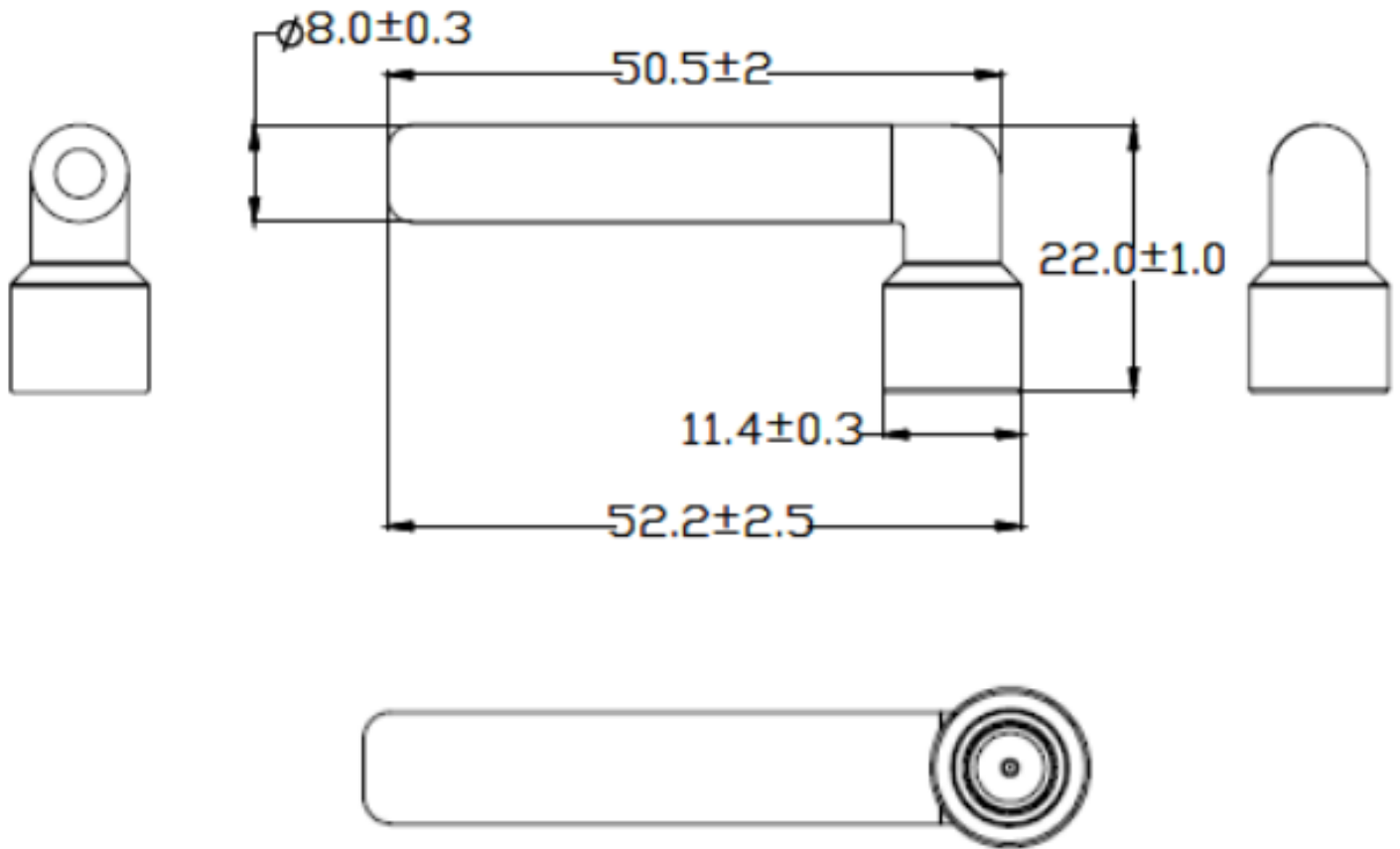
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MECHANICAL DRAWING

W1900-M



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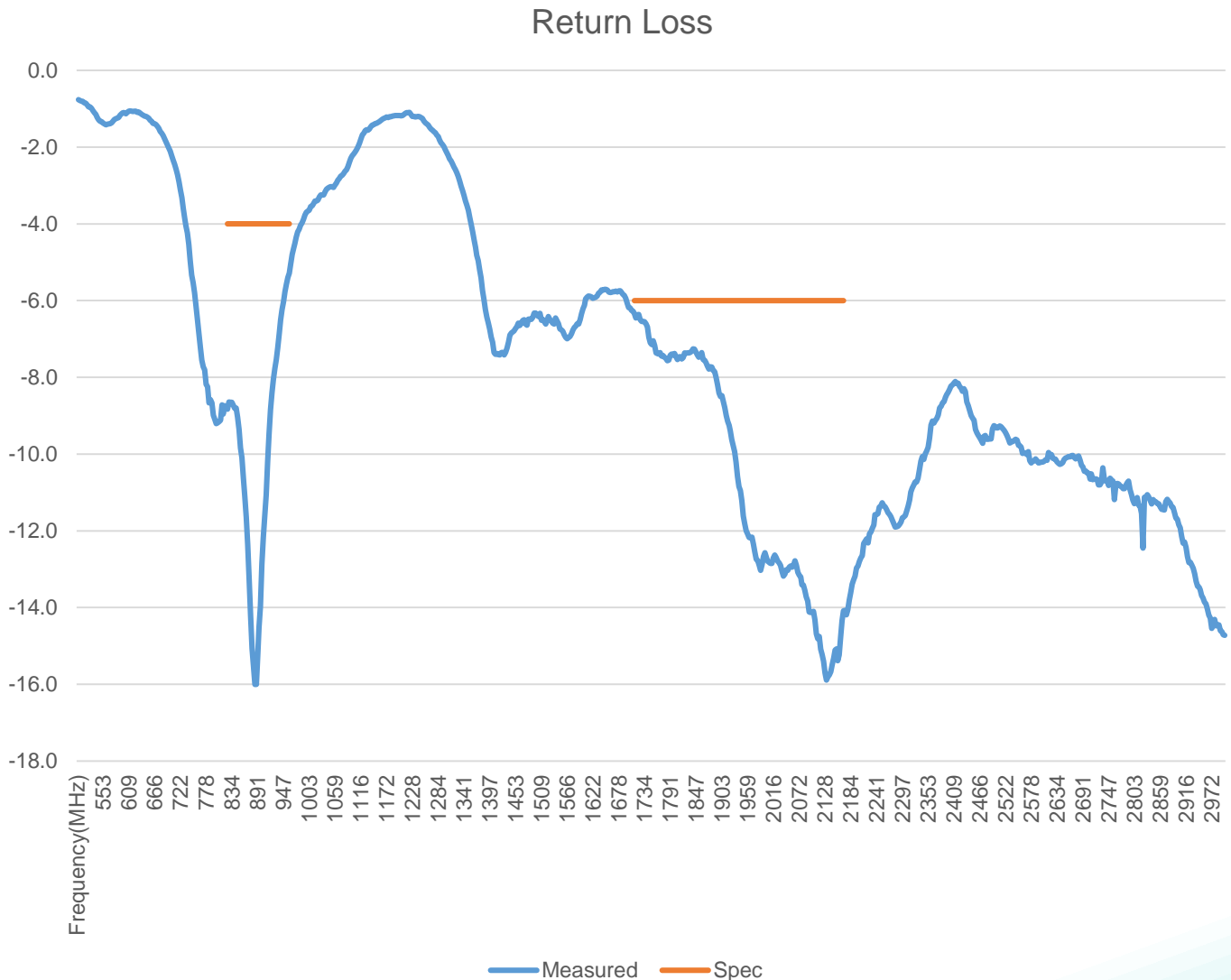
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CHARTS

Return Loss



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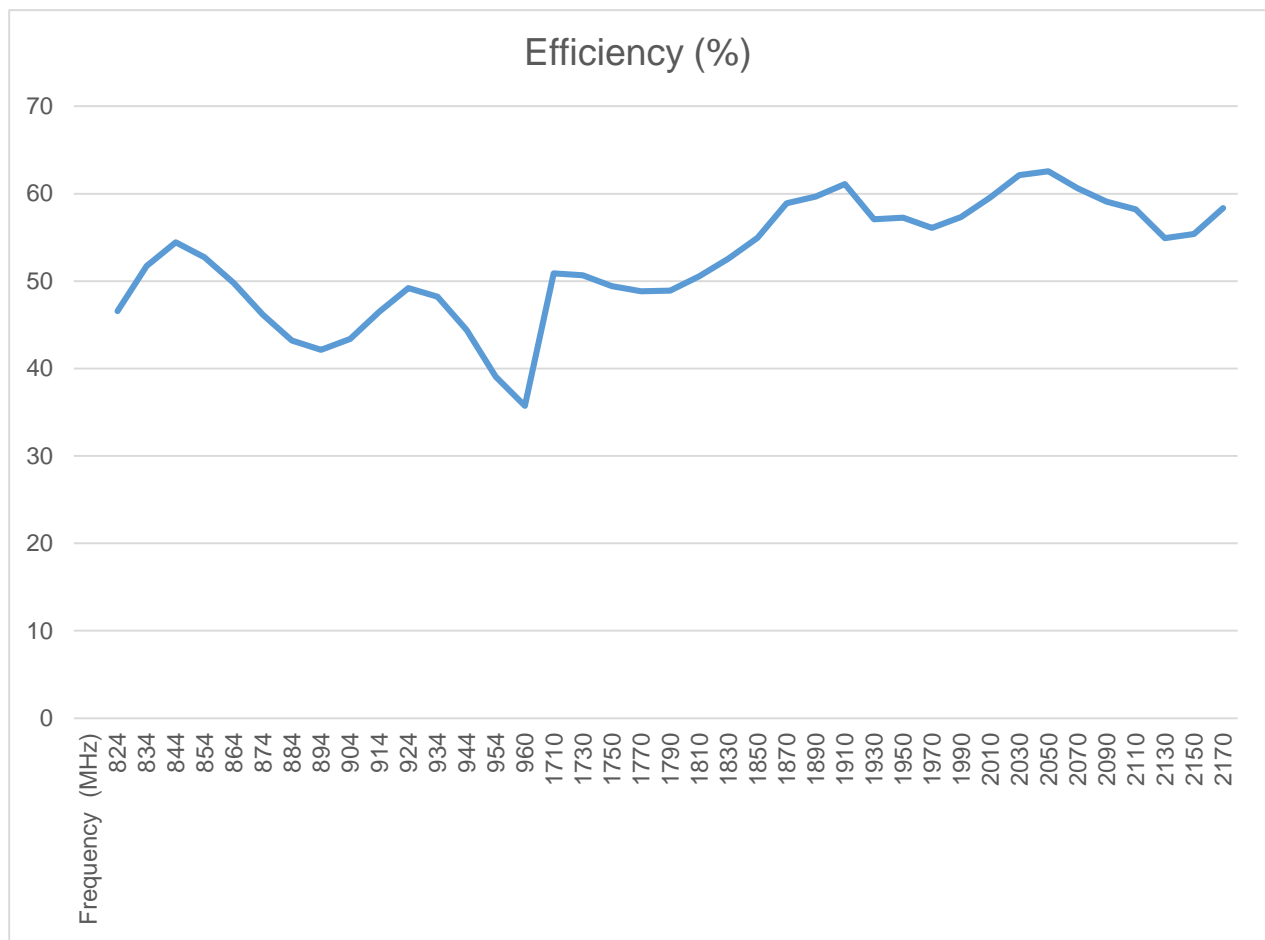
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CHARTS

Efficiency(%)



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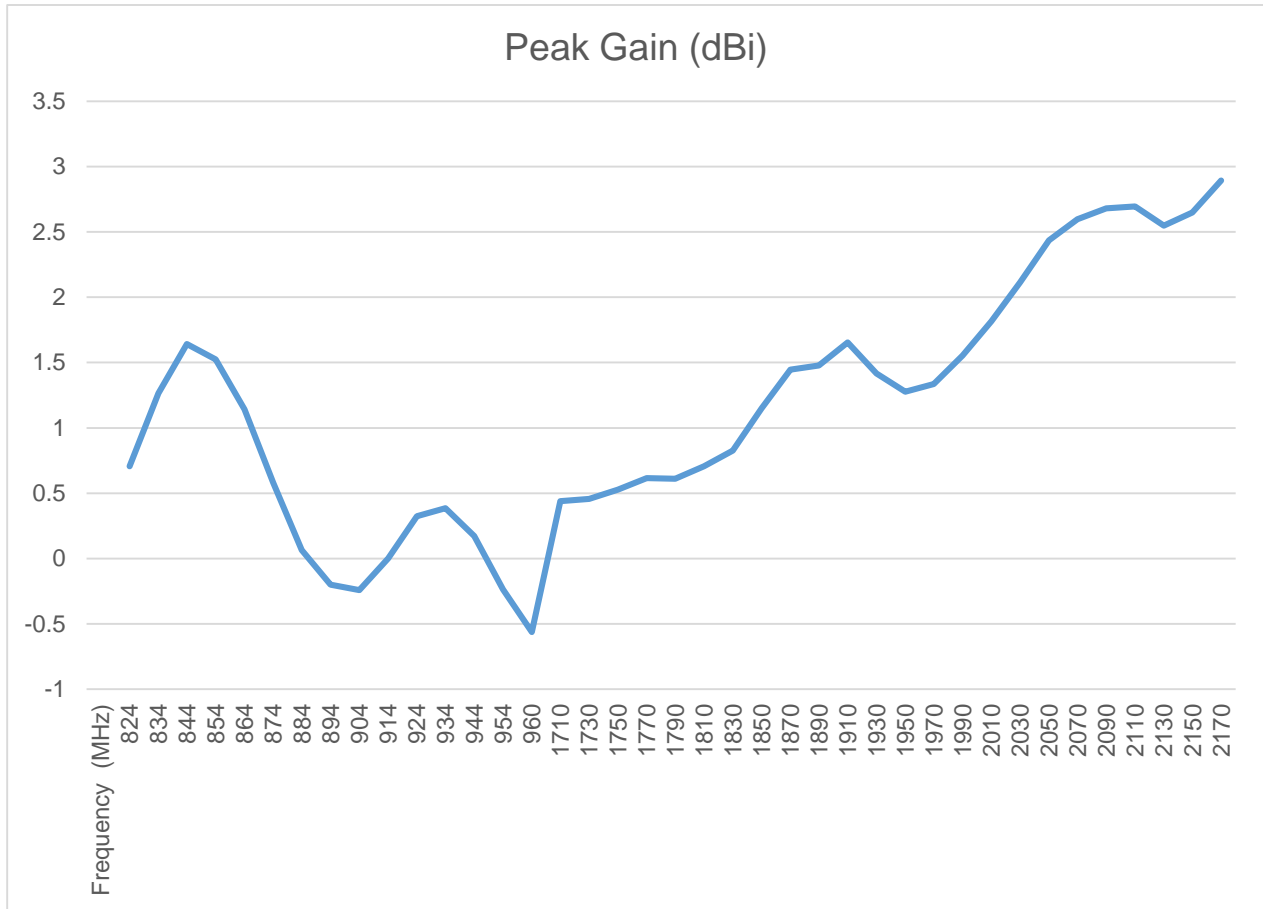
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CHARTS

Peak Gain (dBi)



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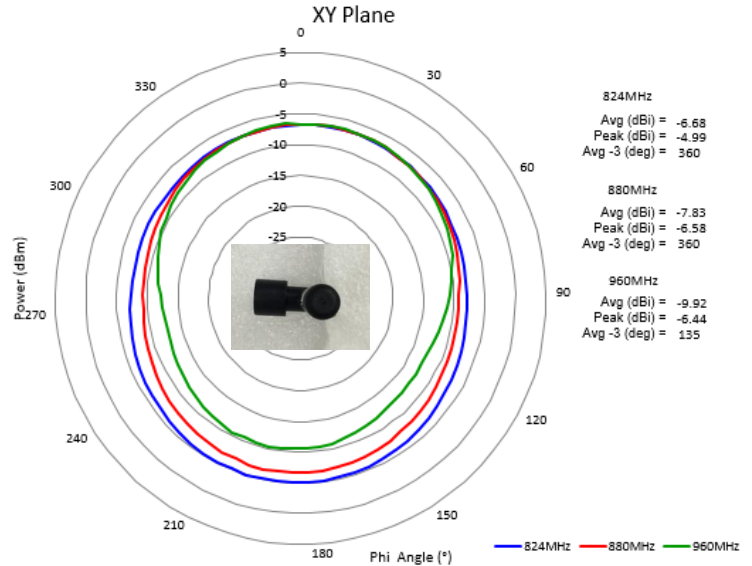
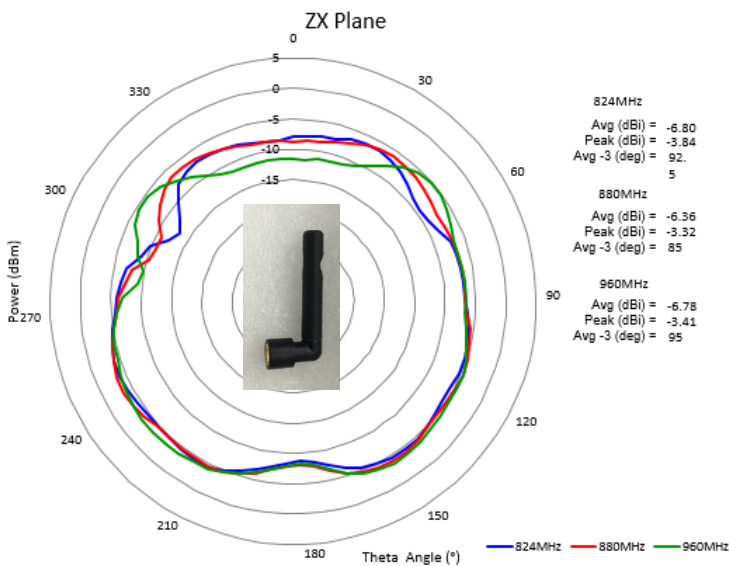
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CHARTS

Free Space Radiation Pattern

Elevation Plane

Horizontal Plane

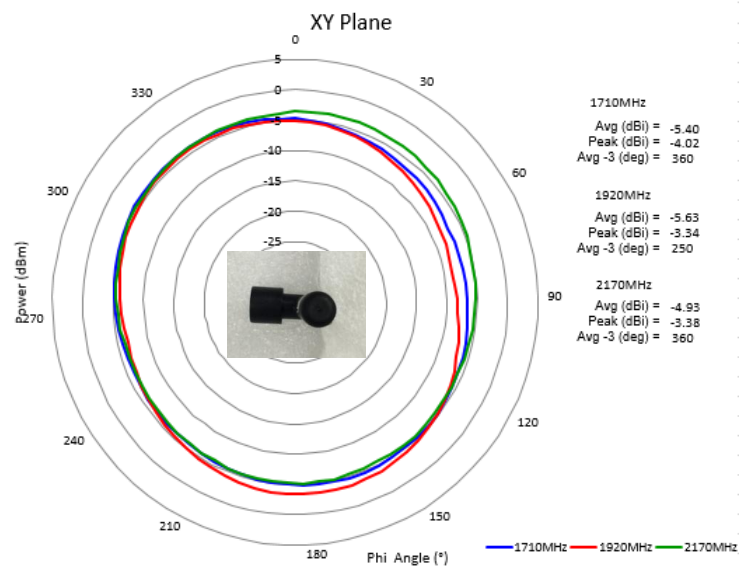
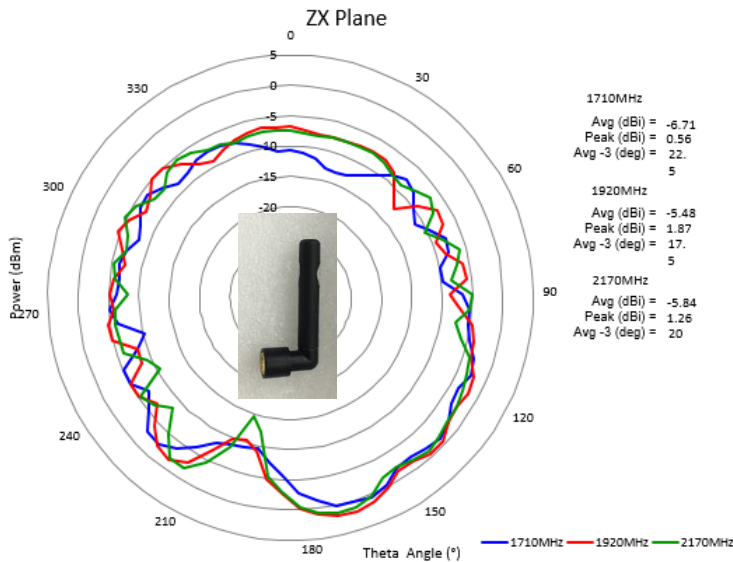


CHARTS

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Elevation Plane

Horizontal Plane



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PACKAGING

1pcs antenna per PE bag

18pcs PE bags per tray

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

216pcs per package box

Package box: 460mm*235mm*140mm

单击下面可查看定价，库存，交付和生命周期等信息

[>>Pulse\(普思\)](#)