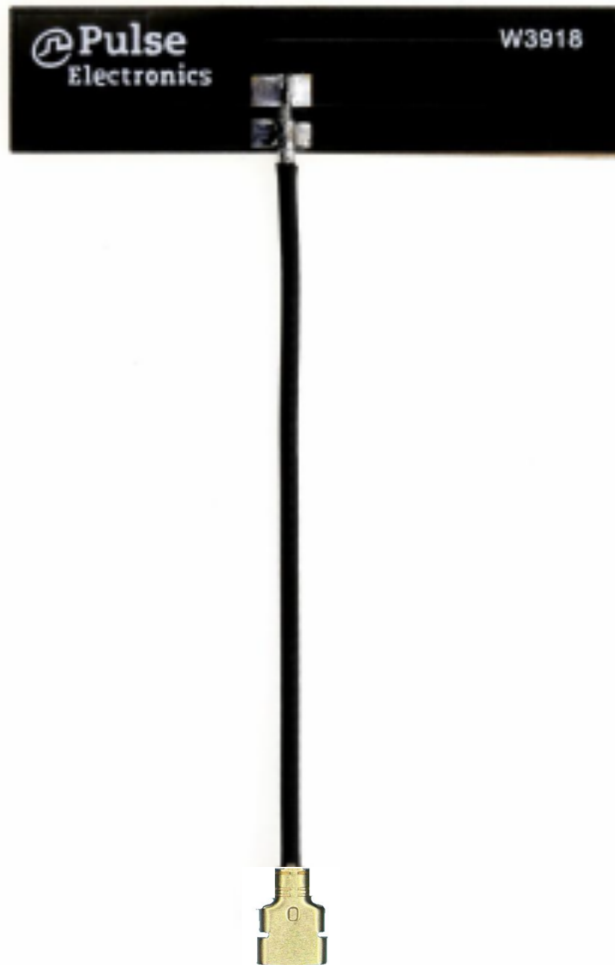


Description: 2.4/4.9-7.125GHz FPC antenna**Series: Internal Antenna****PART NUMBER: W3918B0100F****Features:**

- 2400-2500 / 4900-7125 MHz
- Size 35.2 X 8.5 X 0.15 mm
- Efficiency > 60/70%
- VSWR < 2
- Nominal impedance 50 Ω
- Cable and connector can be customized

Applications:

- WiFi 6E, 802.11ax
- Bluetooth, BLE, ZigBee
- DSRC
- ISM band radios
- IoT, M2M

All dimensions are in mm / inches

Issue: 2110

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

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99 Huo Ju Road(#29 Bldg, 4th Phase
Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
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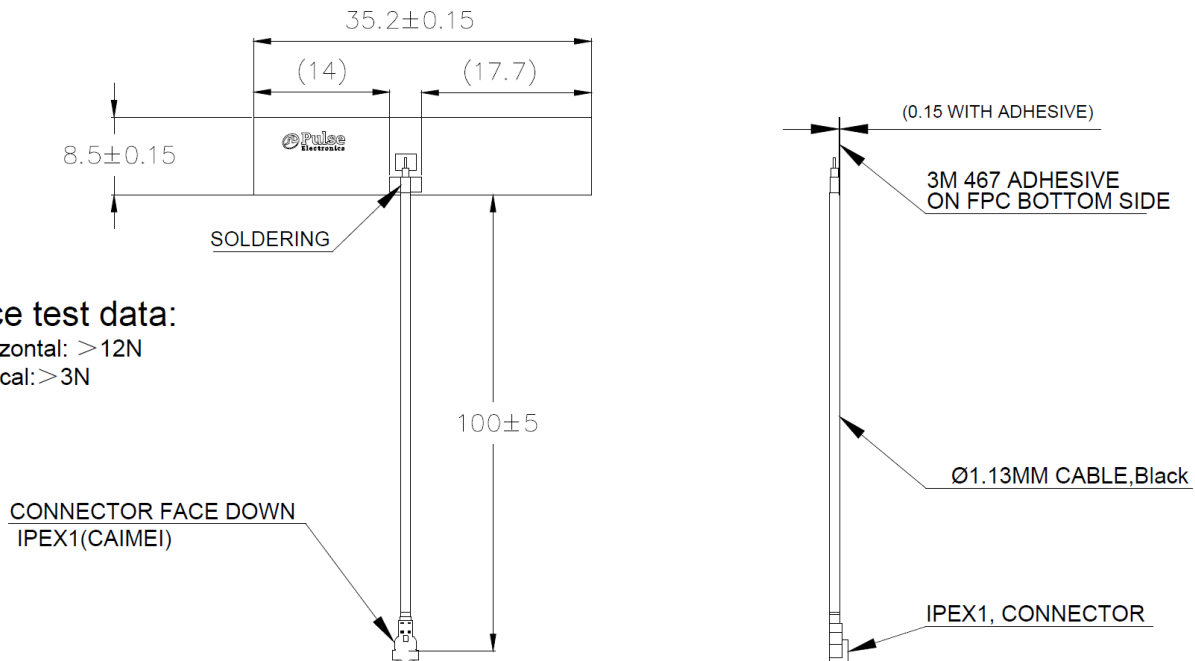


Description: 2.4/4.9-7.125GHz FPC antenna

Series: Internal Antenna

PART NUMBER: W3918B0100F

MECHANICAL DRAWING



Issue: 2110

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Description: 2.4/4.9-7.125GHz FPC antenna

Series: Internal Antenna

PART NUMBER: W3918B0100F

CHARTS

Test Setup



(*) All RF parameters measured on 2mm thick PC plate

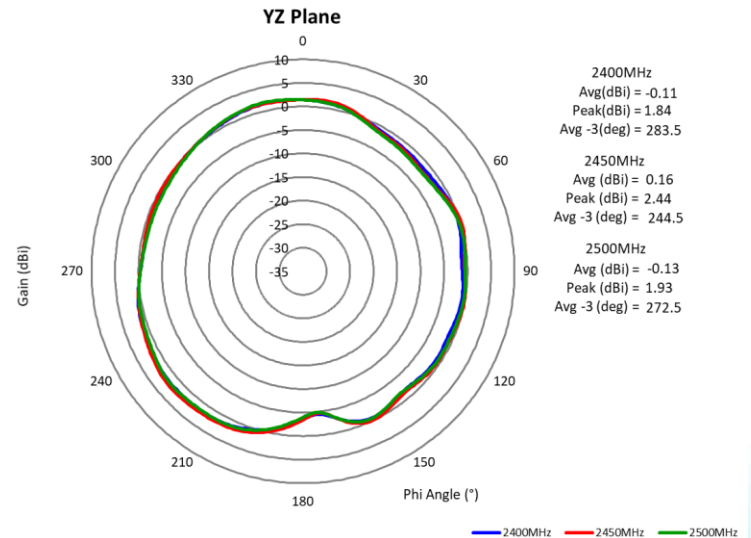
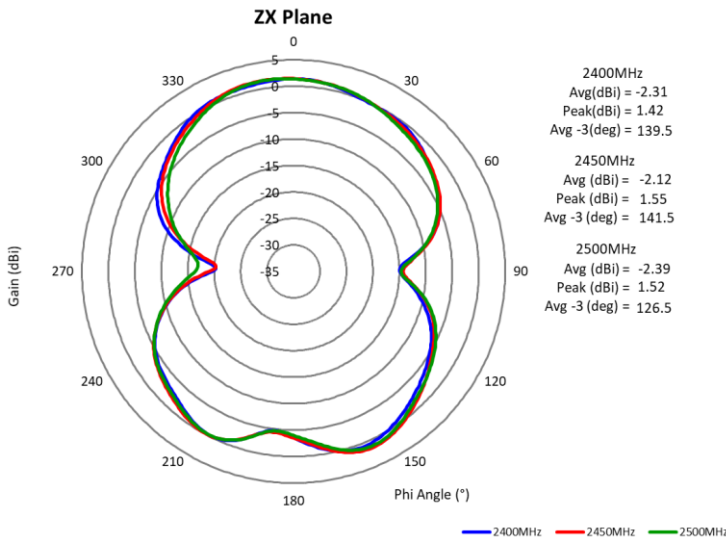
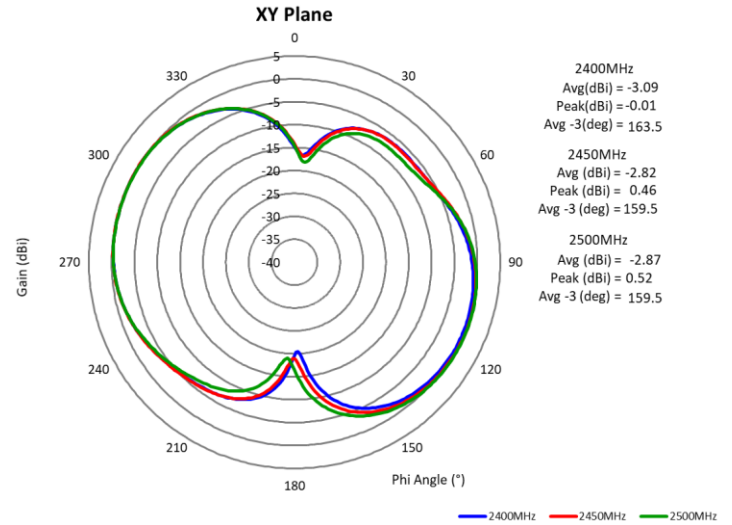
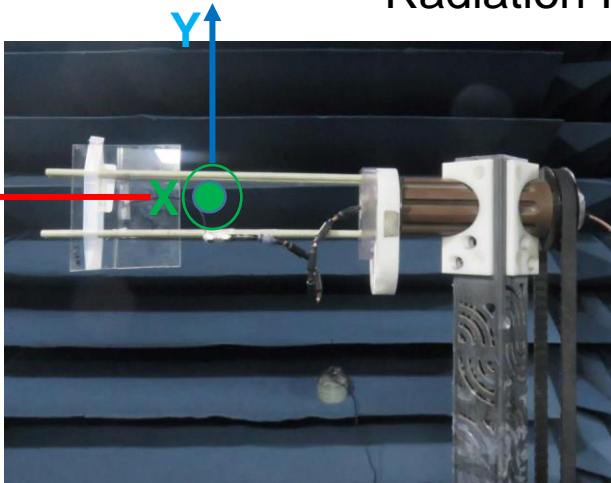
Description: 2.4/4.9-7.125GHz FPC antenna

Series: Internal Antenna

PART NUMBER: W3918B0100F

CHARTS

Radiation Patterns 2400-2500MHz



(*) All RF parameters measured on 2mm thick PC plate

Issue: 2110

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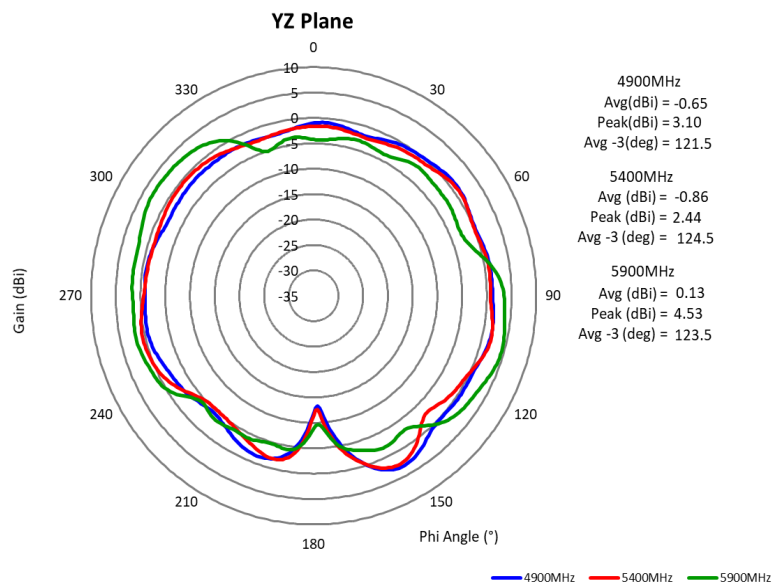
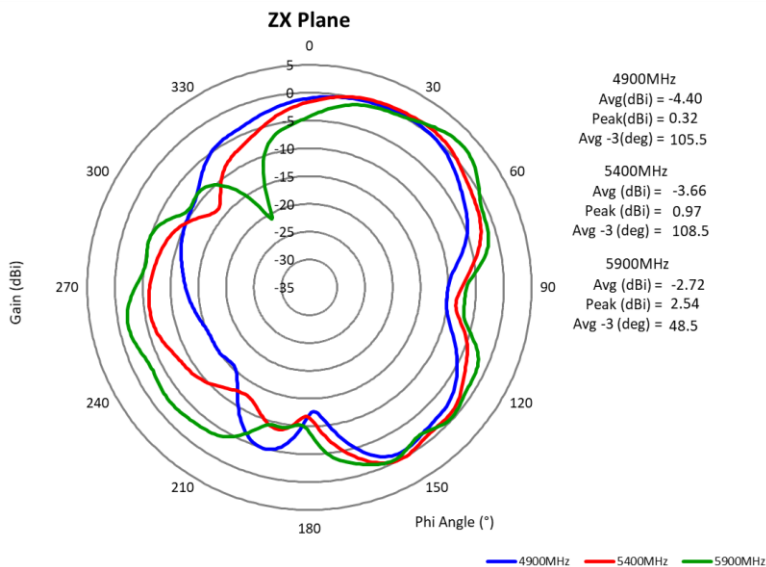
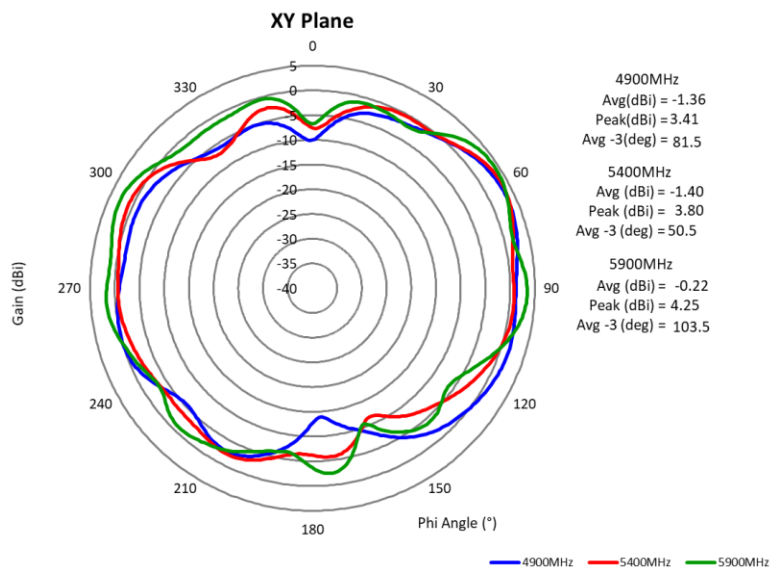
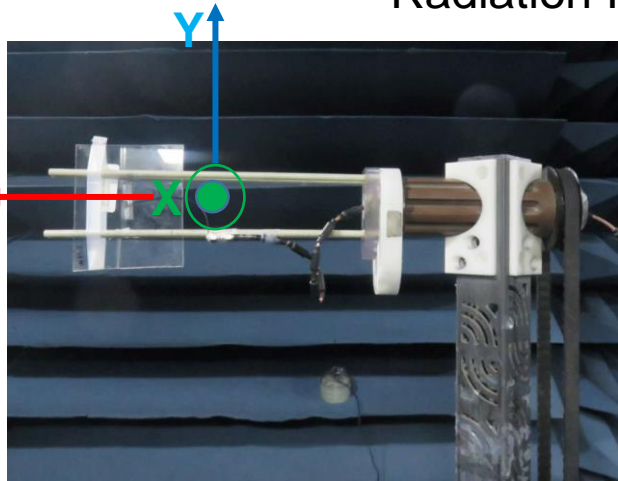
Description: 2.4/4.9-7.125GHz FPC antenna

Series: Internal Antenna

PART NUMBER: W3918B0100F

CHARTS

Radiation Patterns 4900-5900MHz



(*) All RF parameters measured on 2mm thick PC plate

Issue: 2110

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

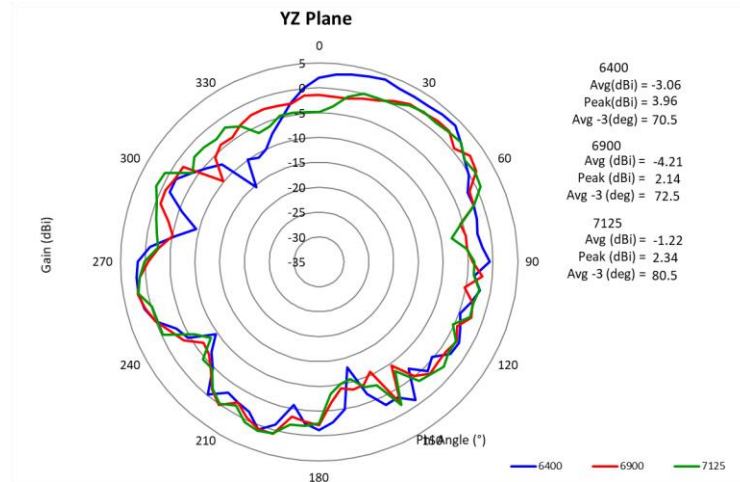
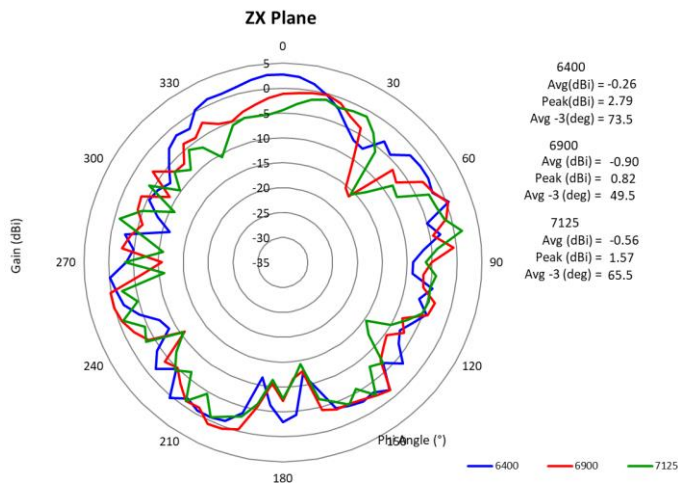
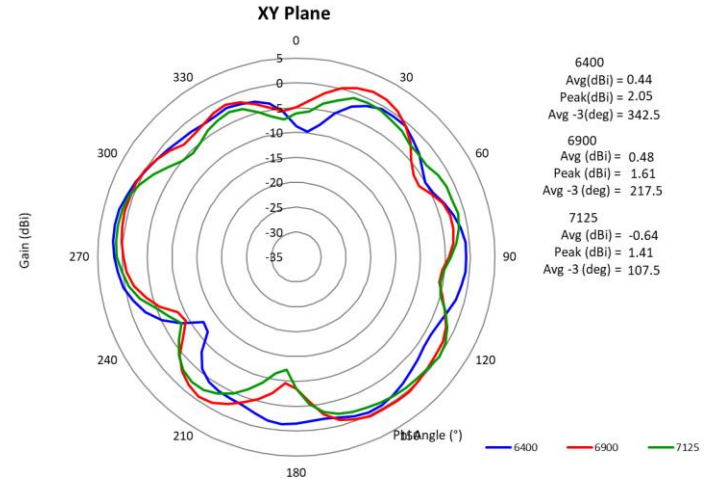
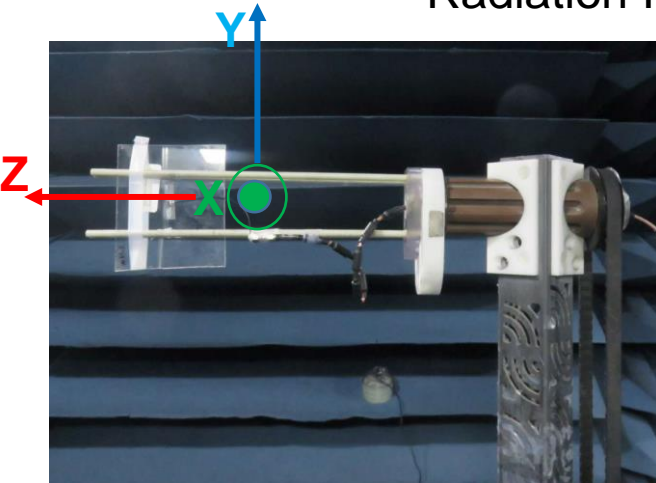
Description: 2.4/4.9-7.125GHz FPC antenna

Series: Internal Antenna

PART NUMBER: W3918B0100F

CHARTS

Radiation Patterns 6000-7125MHz



(*) All RF parameters measured on 2mm thick PC plate

Issue: 2110

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