

Description: FPC Antenna 2.4/5.xGHz/DSRC

Series: Internal Antenna

PART NUMBER: W3334XXXXX



Features:

- Peak gain 4/5.5dBi
- VSWR 2:1
- Mounting with adhesive tape
- Ultra small flexible radiator 4.3x15.3x0.1mm
- Coax feed cable with U.FL compatible connector

Applications:

- 2.4/5.xGHz radios
- Dualband WiFi
- Bluetooth, BLE, ZigBee
- DSRC 5.85-5.925GHz
- Routers, set top boxes
- IoT, M2M, V2x

All dimensions are in mm / inches

Issue: 1729

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For more information:

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Tel:1-858-674-8100

Pulse/Larsen Antennas

 18110 SE 34th St Bldg 2 Suite 250

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Europe Headquarters

Pulse GmbH & Do, KG

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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



Description: FPC Antenna 2.4/5.xGHz/DSRC**Series: Internal Antenna****PART NUMBER:** W3334XXXXX**This document covers all product variants of the following product family:**

W3334B0100	100mm 1.13mm OD cable	U.FL compatible connector
W3334B0127	127mm 1.13mm OD cable	U.FL compatible connector
W3334B0150	150mm 1.13mm OD cable	U.FL compatible connector
W3334B0250	250mm 1.13mm OD cable	U.FL compatible connector
W3334B0290	290mm 1.13mm OD cable	U.FL compatible connector

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ELECTRICAL SPECIFICATIONS

Frequency	2400-2500/4900-6000	MHz
Nominal Impedance	50	Ω
VSWR	2.0:1	
Average efficiency(2400-2500MHz)	50	%
Average efficiency(4900-6000MHz)	70	%
Peak Gain (2400-2500MHz)	4	dB _i +/- 1 dB
Peak Gain (4900-6000MHz)	5.5	dB _i +/- 1 dB
Polarization:	Linear	
Power withstanding	3	W
Connector type	U.FL compatible	
Cable type	$\varphi = 1.13[0.04]$	mm[inch]
Cable length	Optional	mm[inch]

(*) All RF parameters measured on 1mm thick PC plate

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Description: FPC Antenna 2.4/5.xGHz/DSRC**Series: Internal Antenna****PART NUMBER:** W3334XXXXX**MECHANICAL SPECIFICATIONS**

FPC size 14.3 X 5.3 X0.1[0.56 X 0.21 X 0.004] mm[inch]

Adhesive 3M467

ENVIRONMENTAL SPECIFICATIONS

Operating temperature -40/+85 °C

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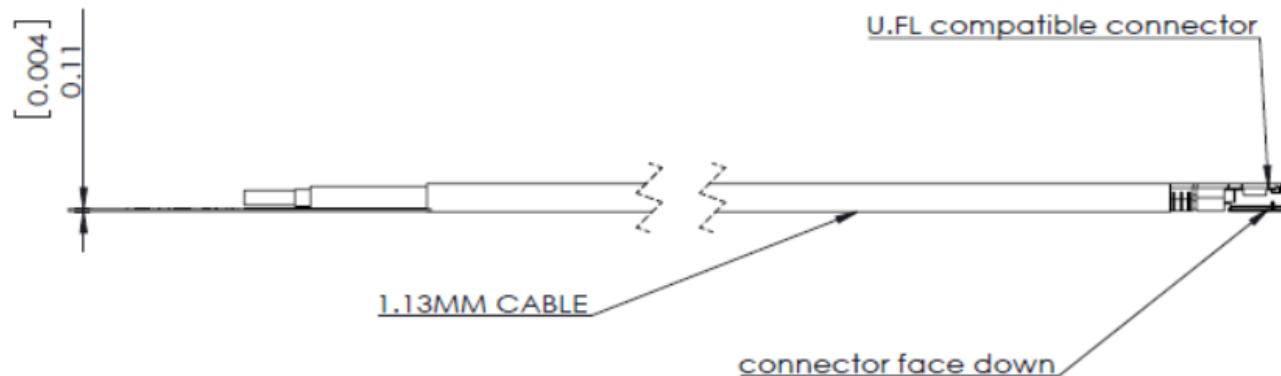
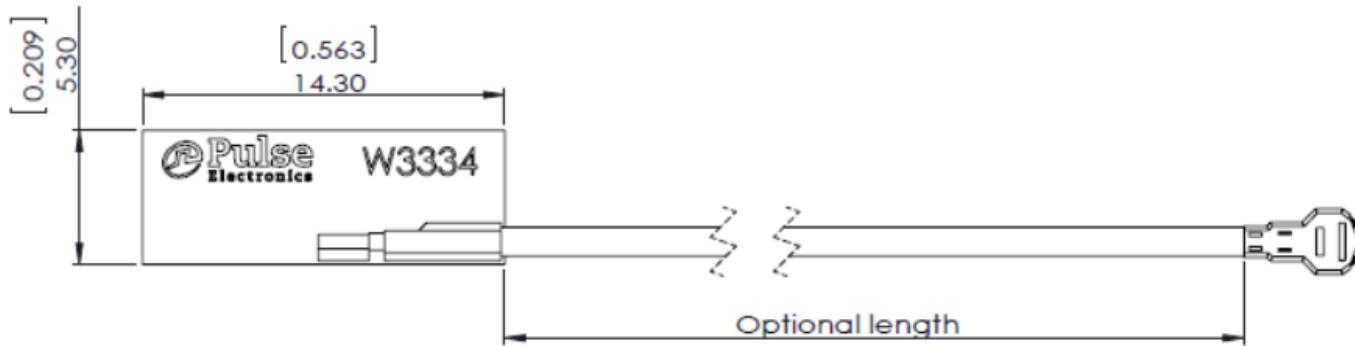


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MECHANICAL DRAWING



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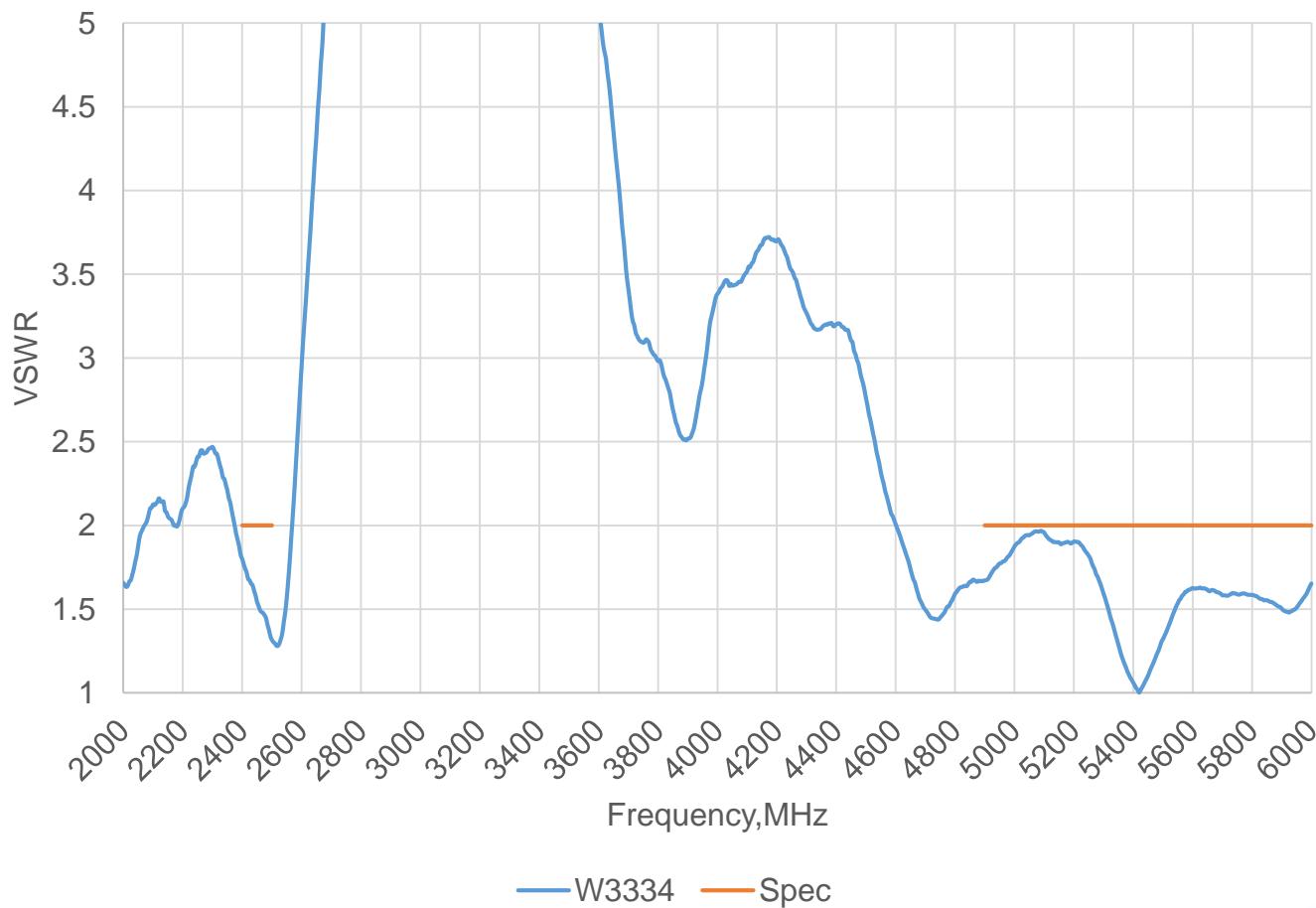
Series: Internal Antenna

PART NUMBER: W3334XXXXX

CHARTS

VSWR

W3334 measured with polycarbonate plate



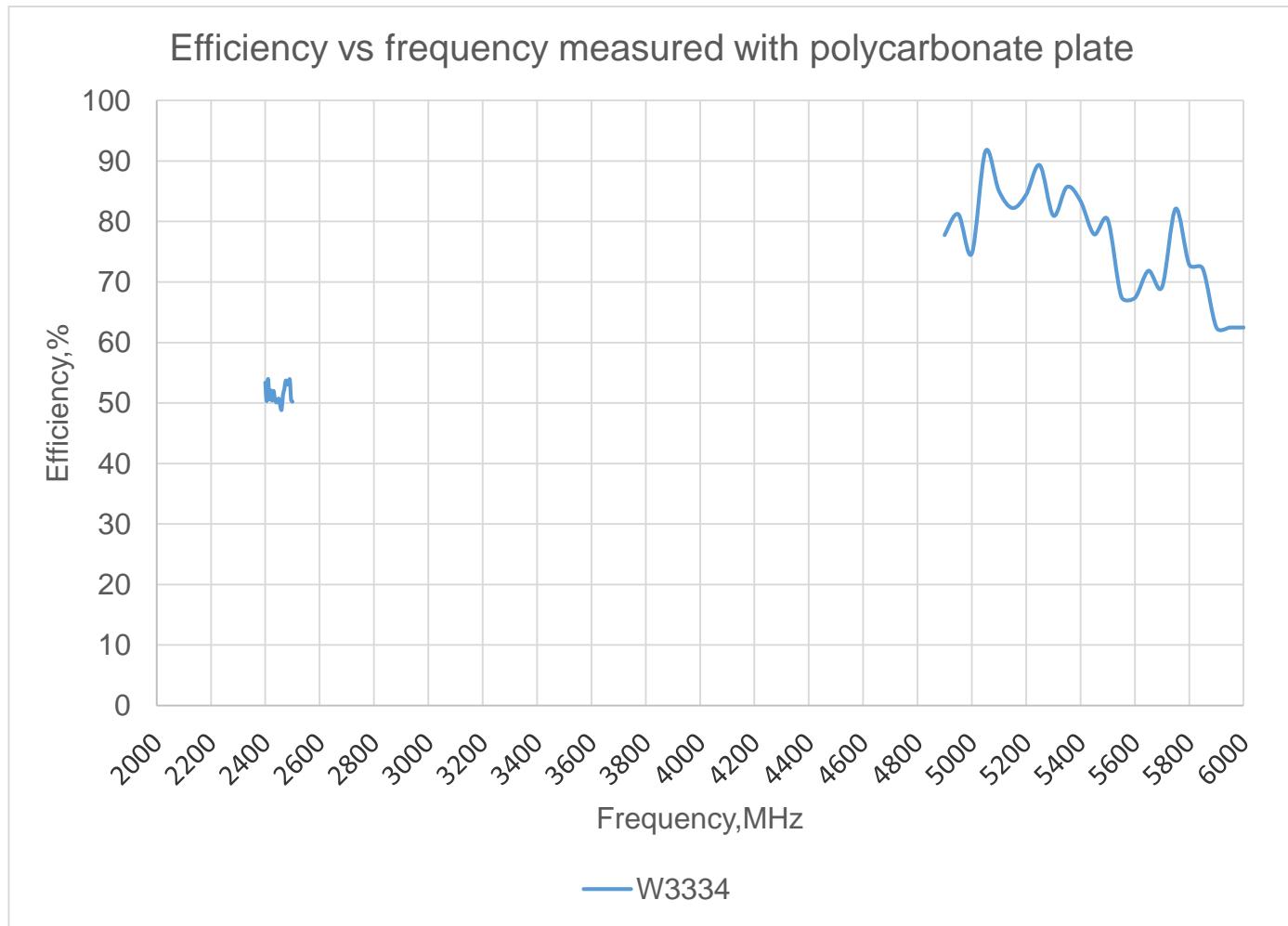
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Description: FPC Antenna 2.4/5.xGHz/DSRC**Series: Internal Antenna****PART NUMBER: W3334XXXXX****CHARTS****Efficiency****Issue: 1729**

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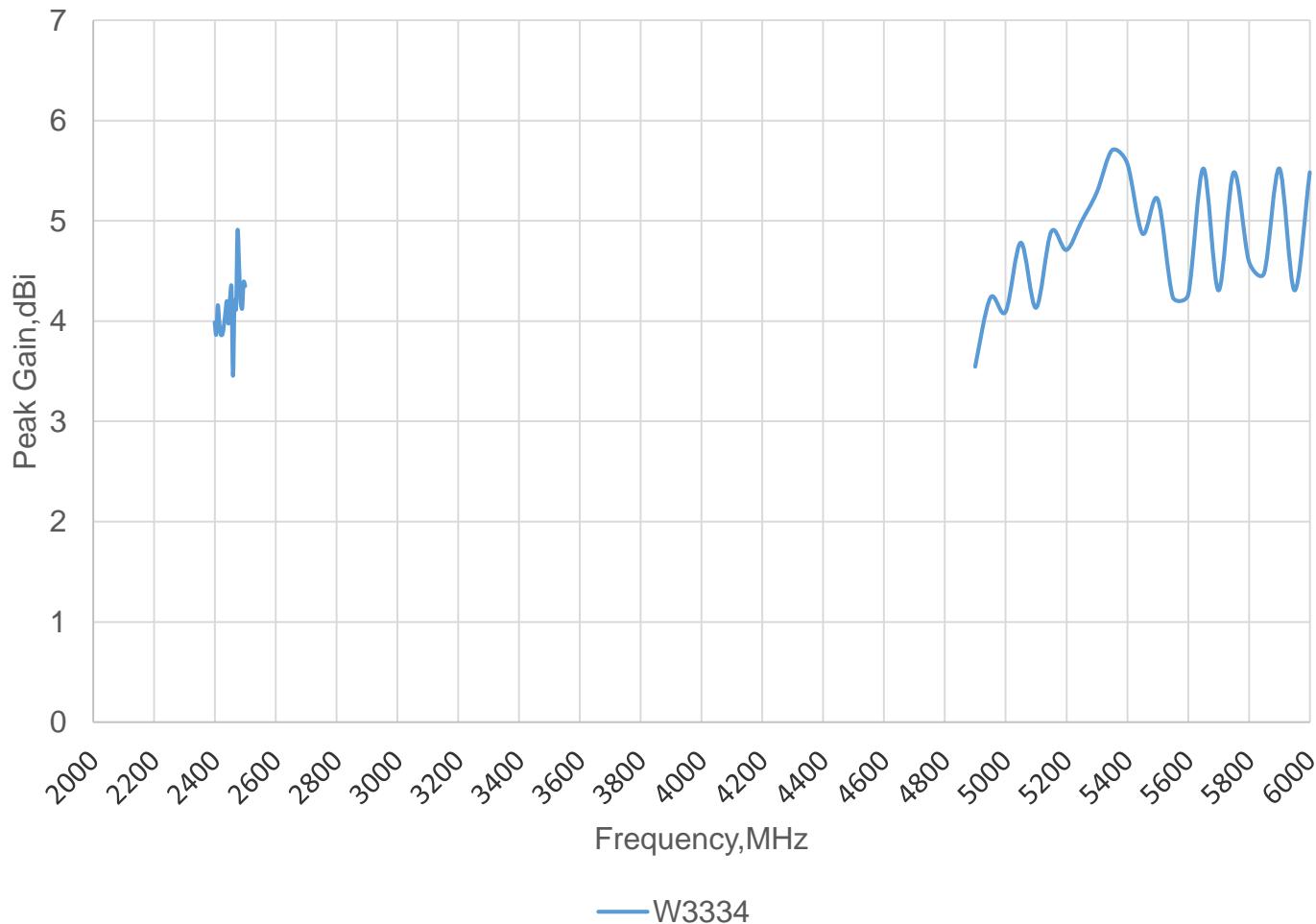
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Description: FPC Antenna 2.4/5.xGHz/DSRC**Series: Internal Antenna****PART NUMBER:** W3334XXXXX**CHARTS****Peak Gain**

Peak Gain vs frequency measured with polycarbonate plate

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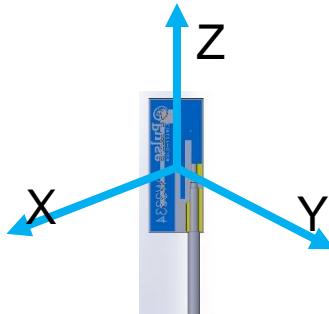


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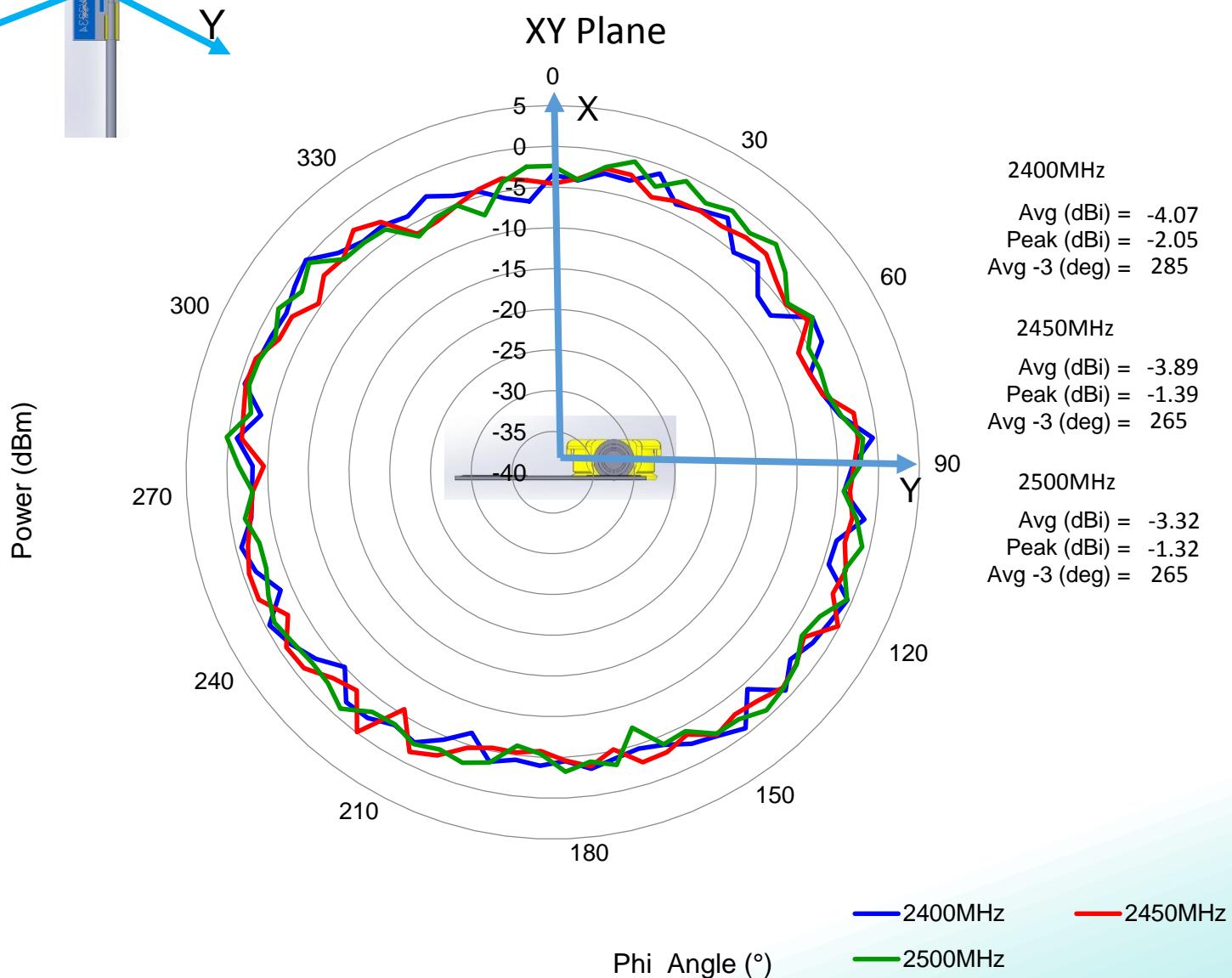
Series: Internal Antenna

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CHARTS



Gain Plots



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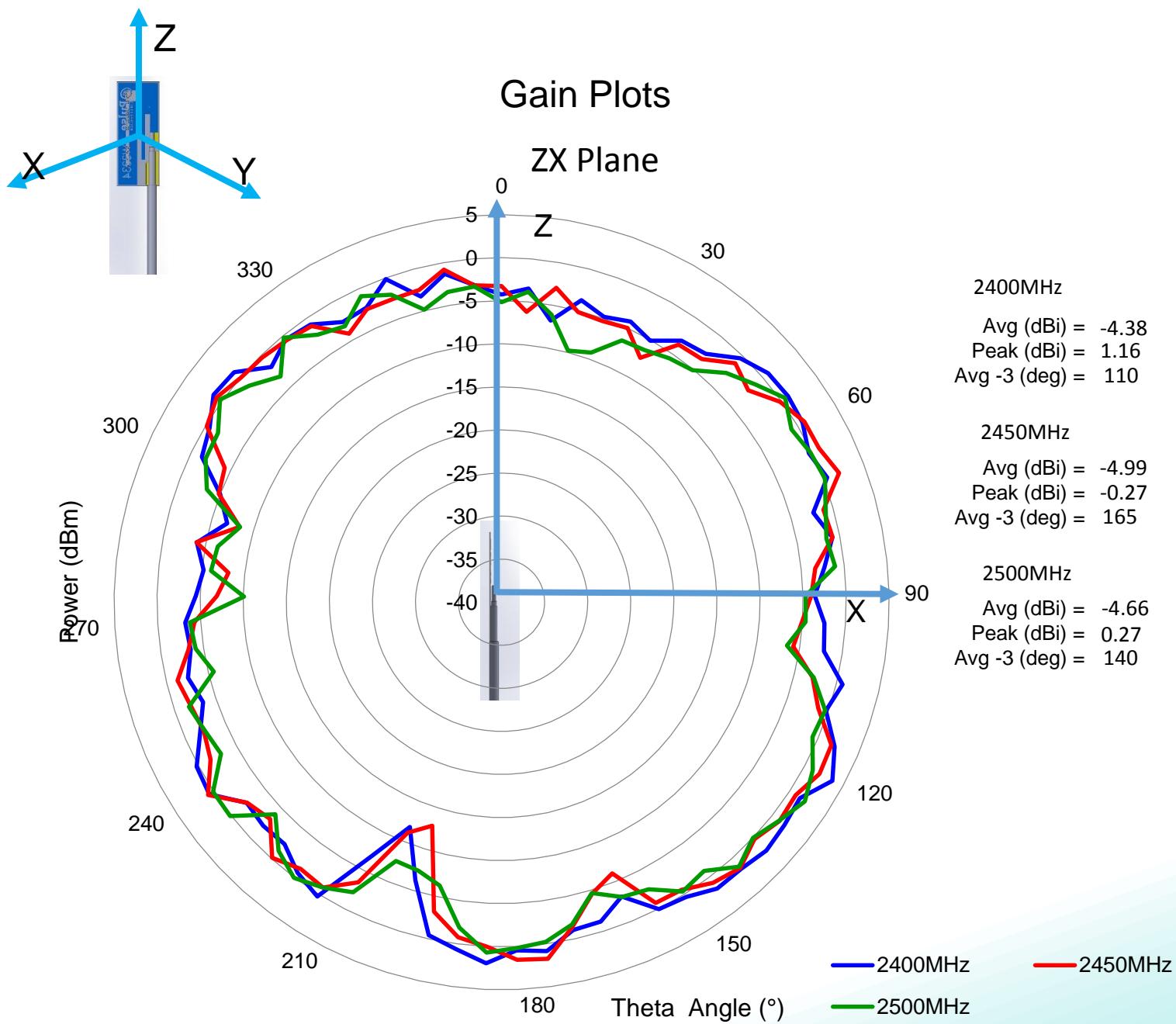


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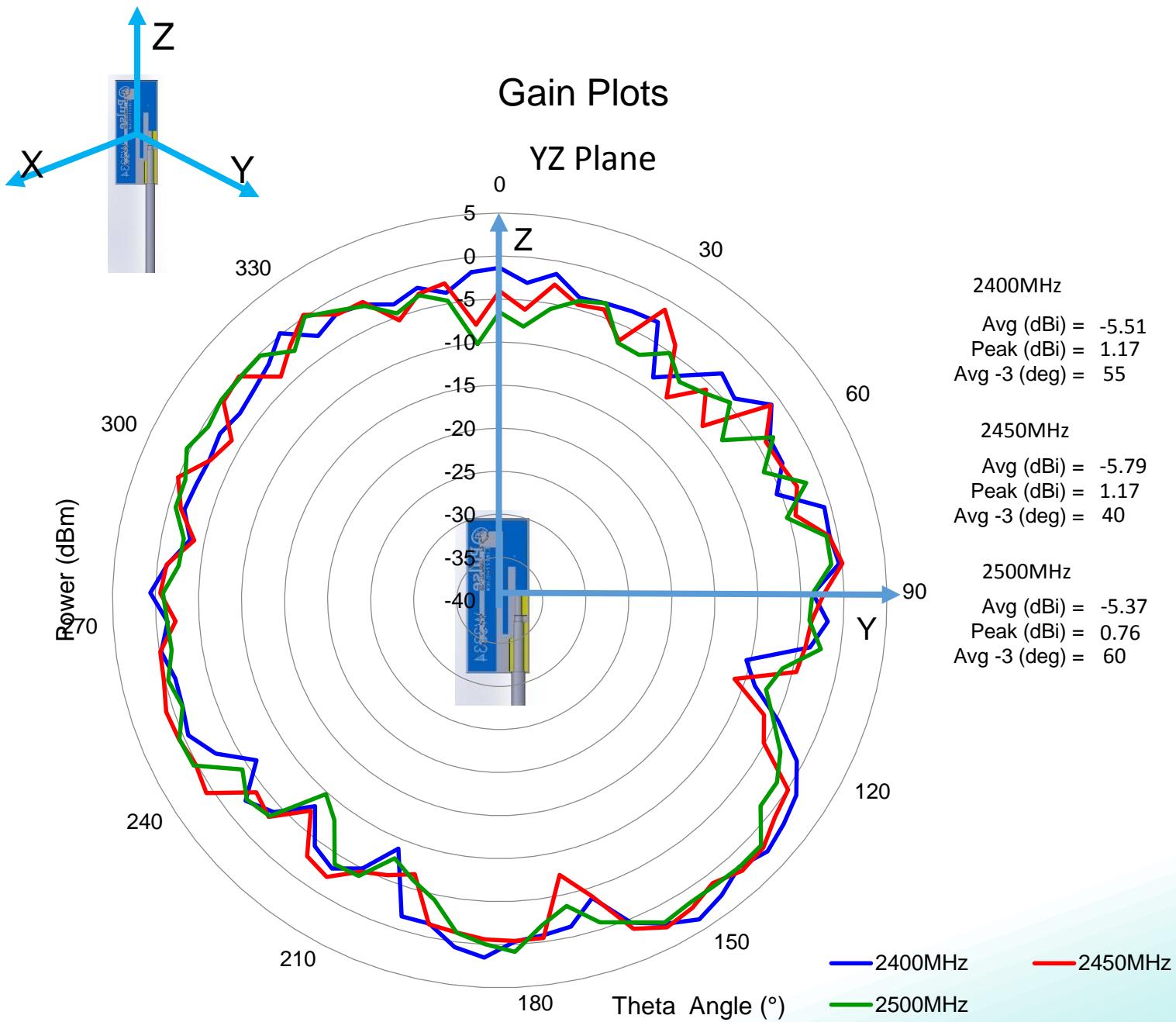


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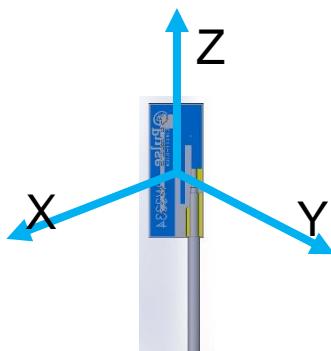


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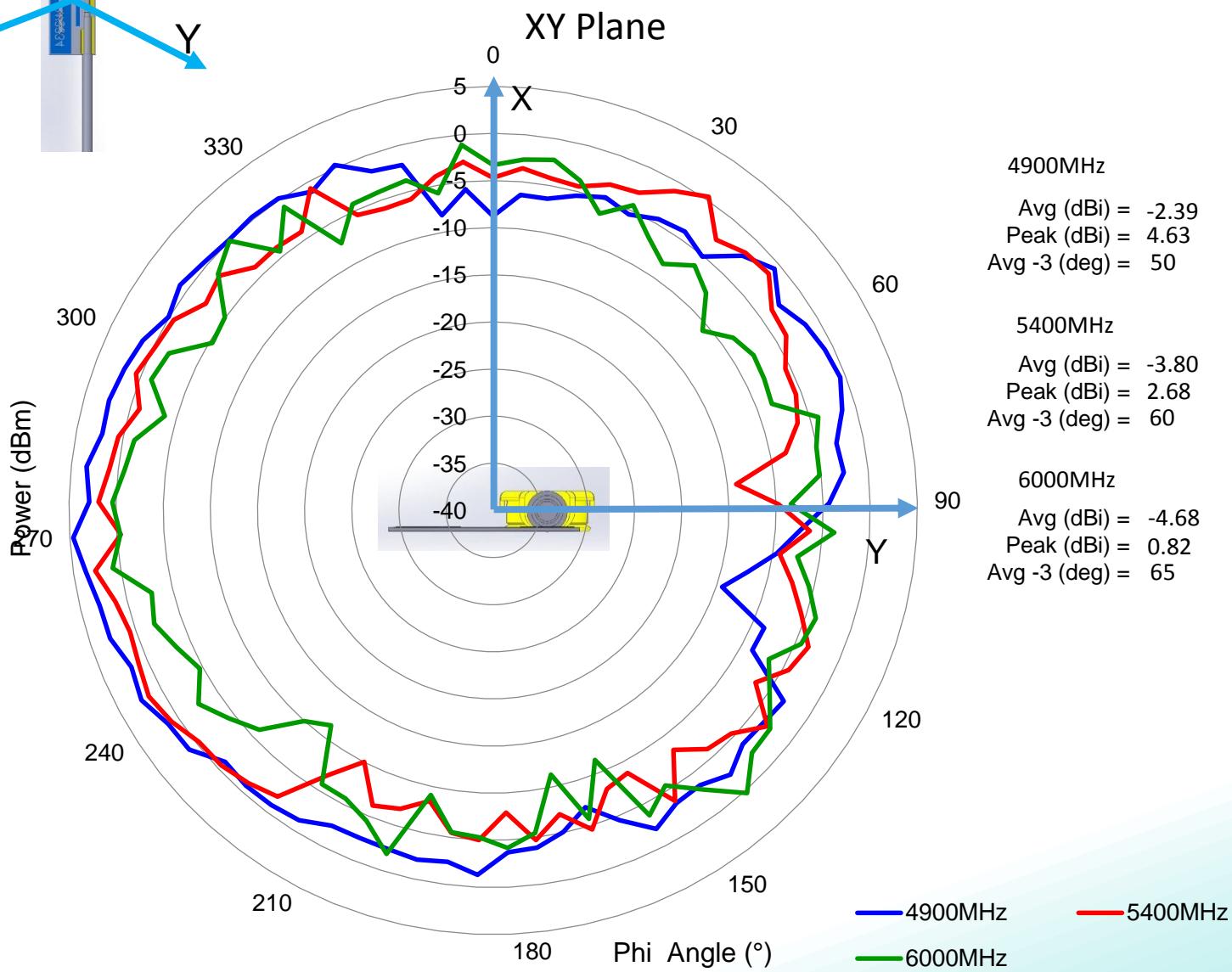
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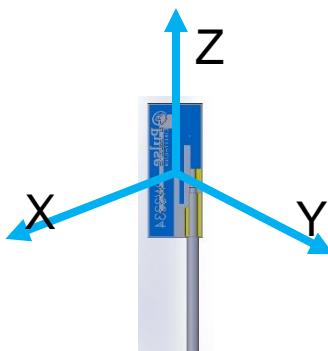


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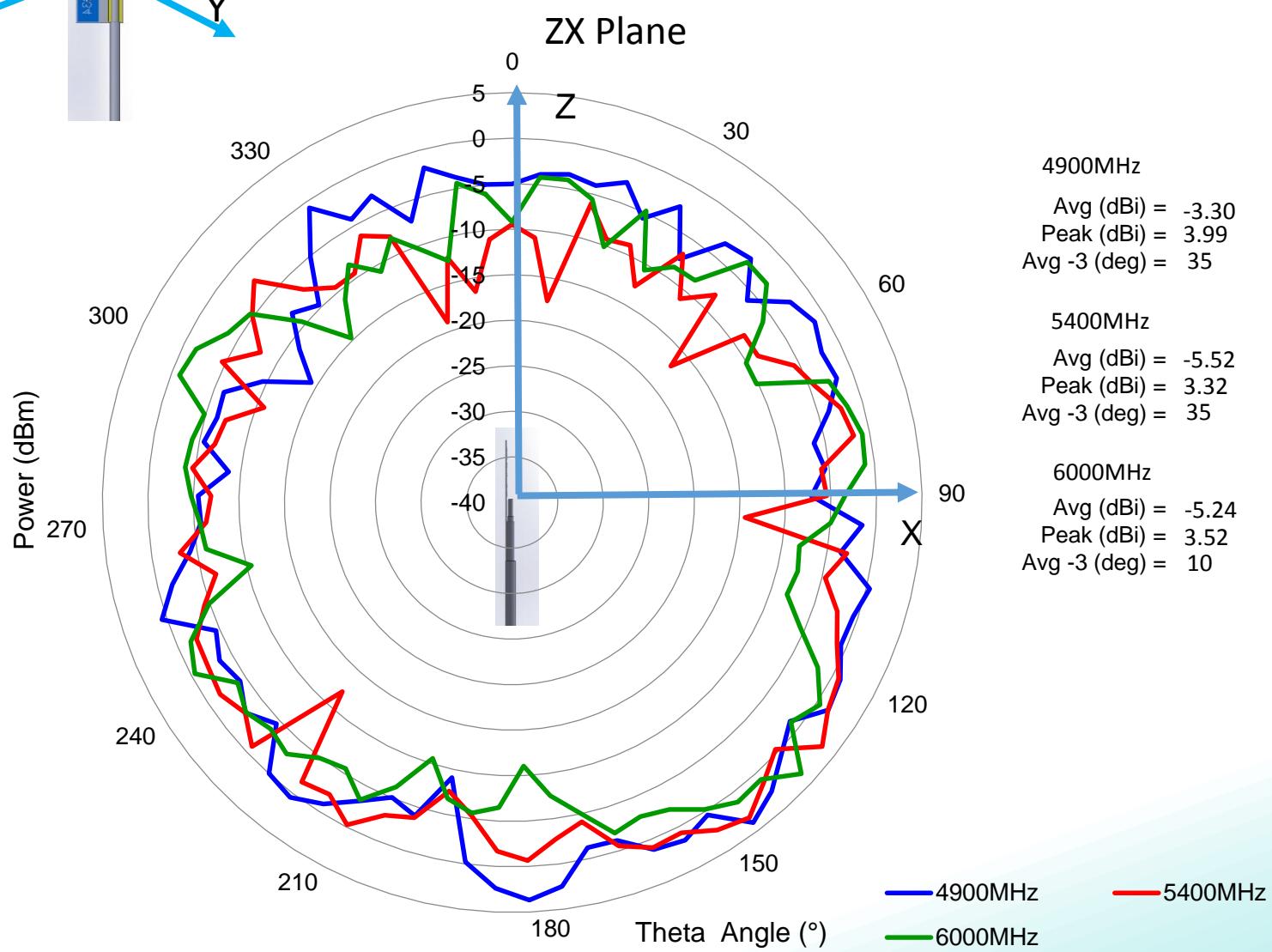
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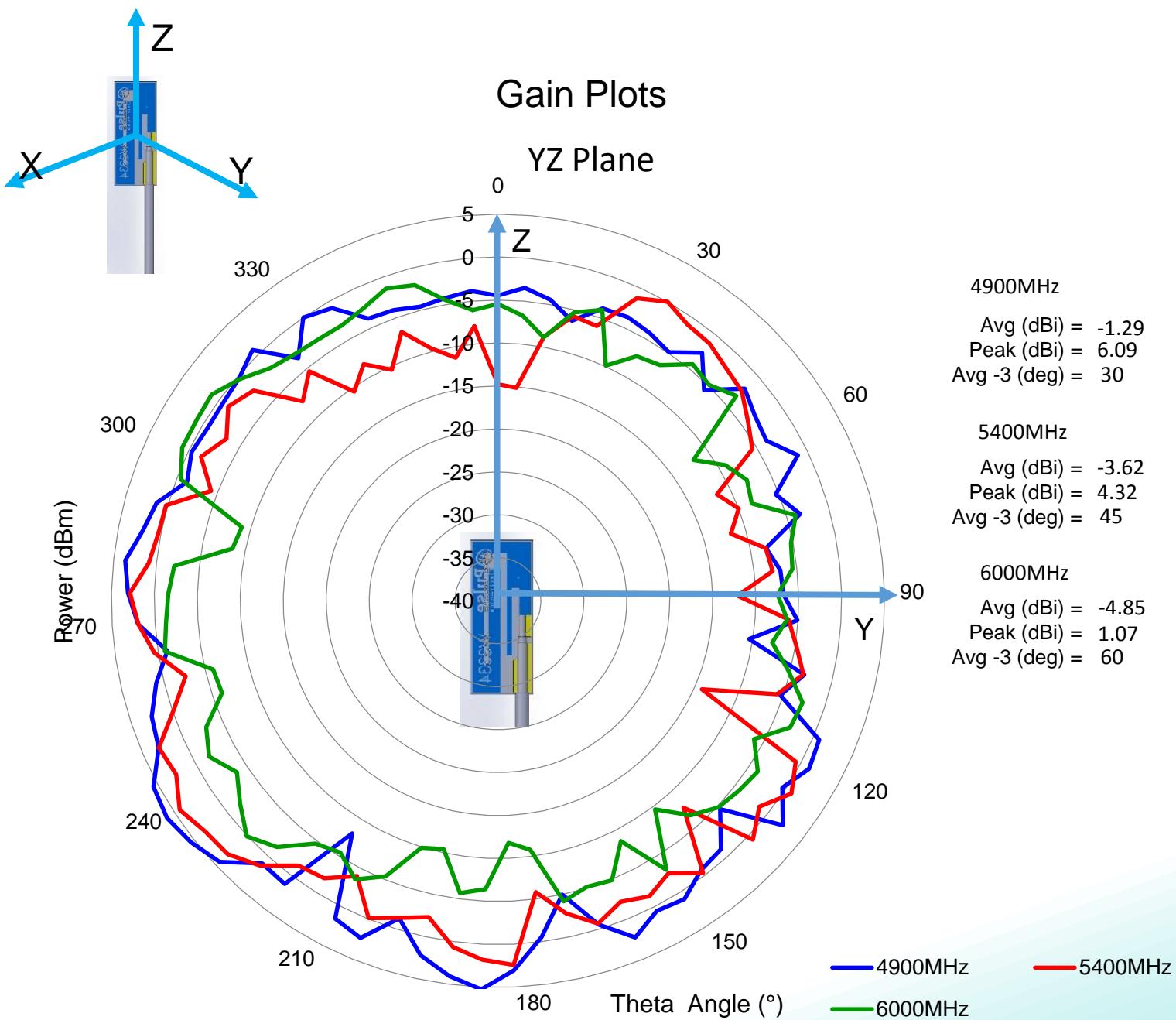


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Description: FPC Antenna 2.4/5.xGHz/DSRC**Series: Internal Antenna****PART NUMBER:** W3334XXXXX**PACKAGING**

5PCS/PE bag
20 PE bag/foam bag
12 foam bag/ carton box

Total 1200PCS/Carton box

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