





Internal Antenna FPC Antenna

W3334BD0150B – 2.4/5GHz



Features & Applications:

-  2400-2500 /5150-5850MHz
-  BT Antenna
-  WIFI 2.4/5G
-  IOT

ELECTRICAL SPECIFICATIONS @ 25°C

General Specifications

Antenna type	Nominal Impedance	Polarization	Radiation pattern	Power withstanding
FPC	50Ω	Linear	Omni	3W

Frequency (MHz)	2400-2500/5150-5850
VSWR	<2:1
Peak Gain (dBi)	4+/-1dB@2.4G; 5.5+/-1dB@5G
Efficiency (%)	>60

MECHANICAL SPECIFICATIONS

W3334BD0150B

Dimension (Length x Width)	Material	Color	Cable type	Connector Type	Cable length
14.3 x5.3mm x 0.1mm	FPC	Black	N/A	MHF4	N/A

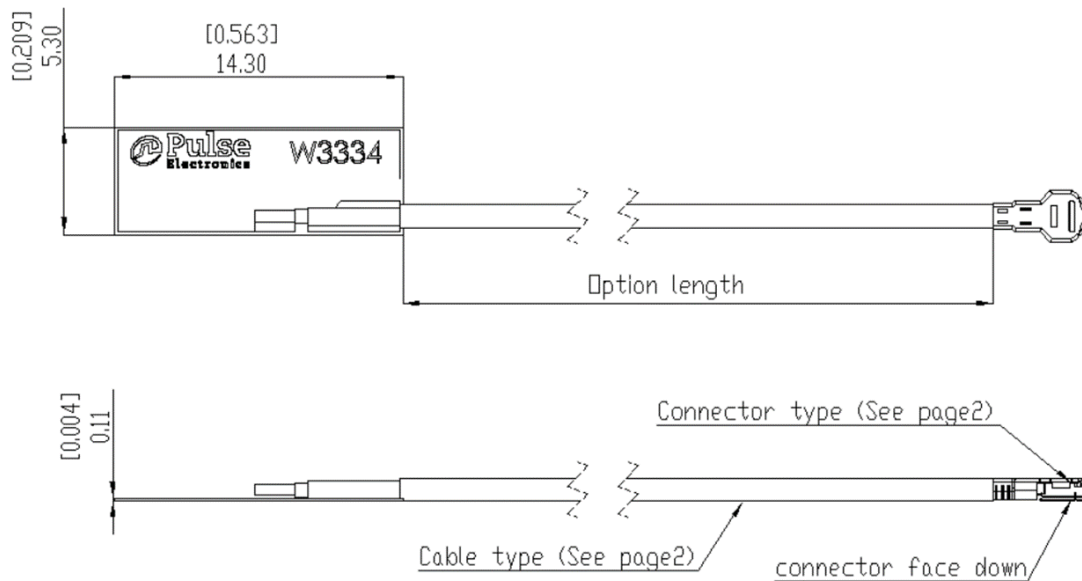
ENVIRONMENTAL SPECIFICATIONS

W3334BD0150B

Storage Temperature	Operating Temperature	Ingress Protection	RoHS Compliant
-40/+85° C	-40/+85° C	N/A	Yes

Mechanical Drawing

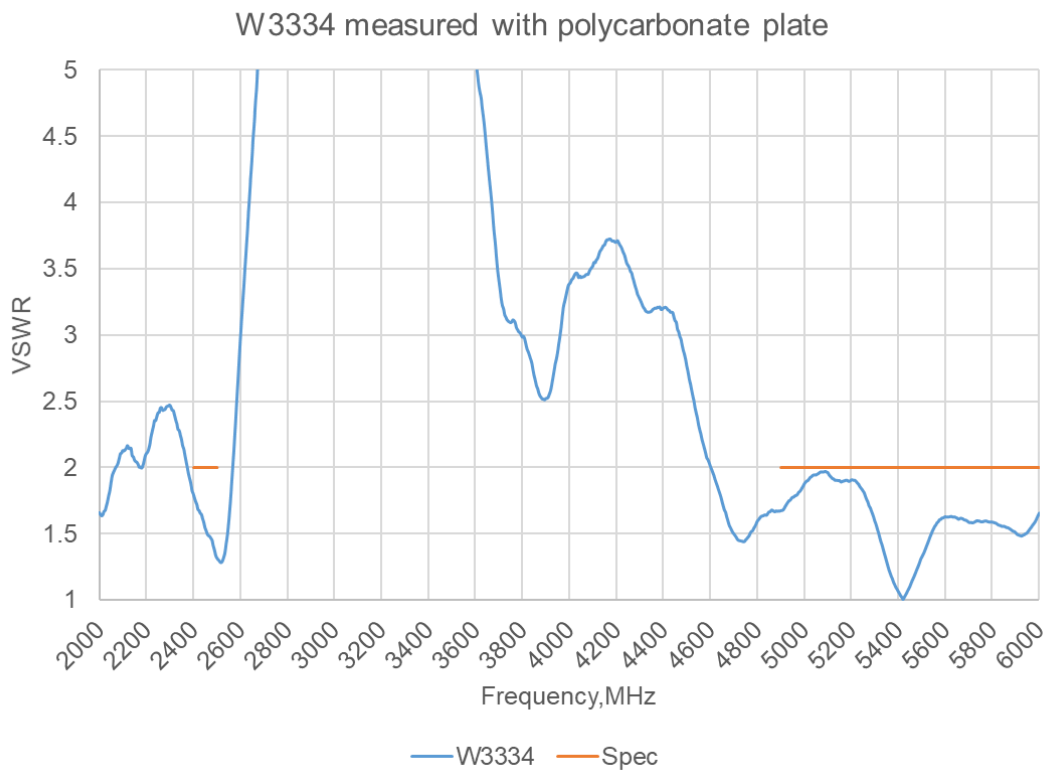
W3334BD0150B



Dimensions: MM/inches Unless otherwise specified, all tolerances are ± 0.010 (0.25mm)

Charts-VSWR

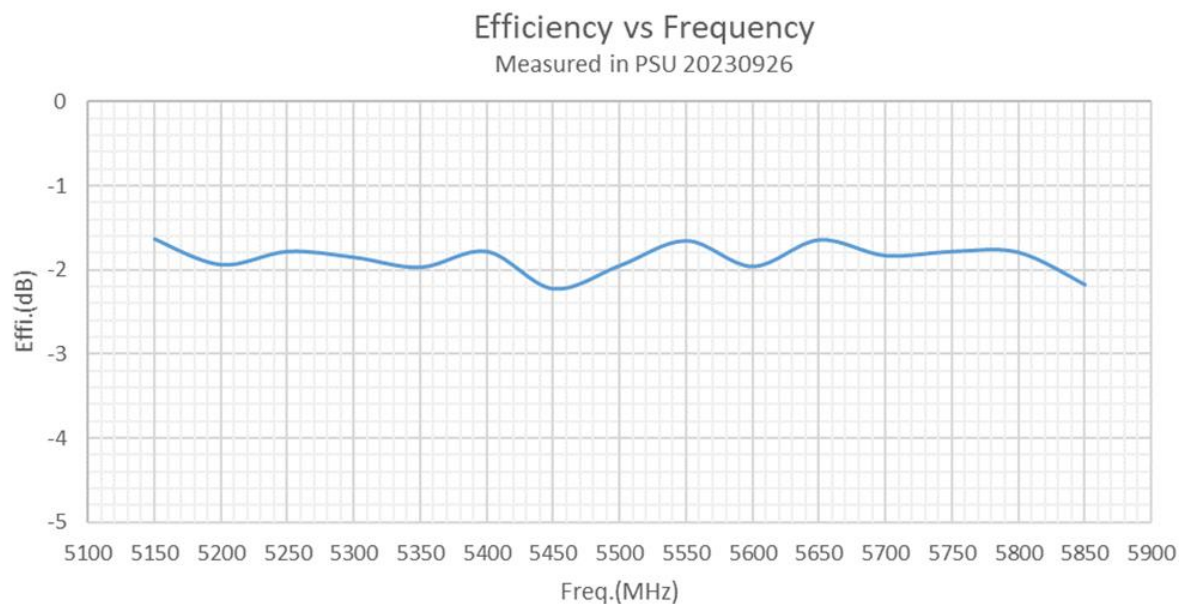
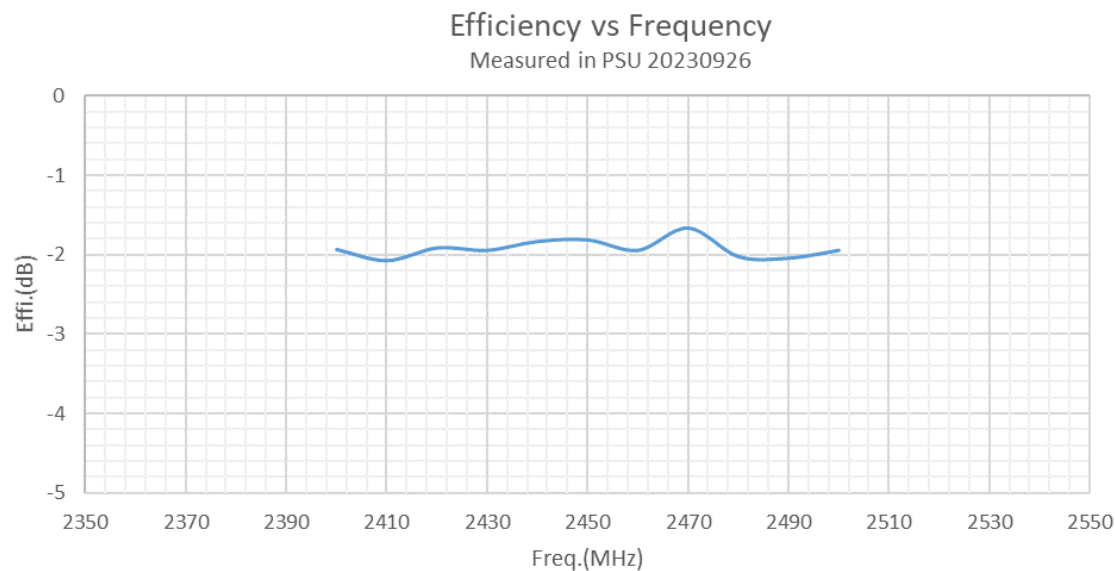
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Note: Antenna tested on 1mm thickness PC plate with 150mm feed cable

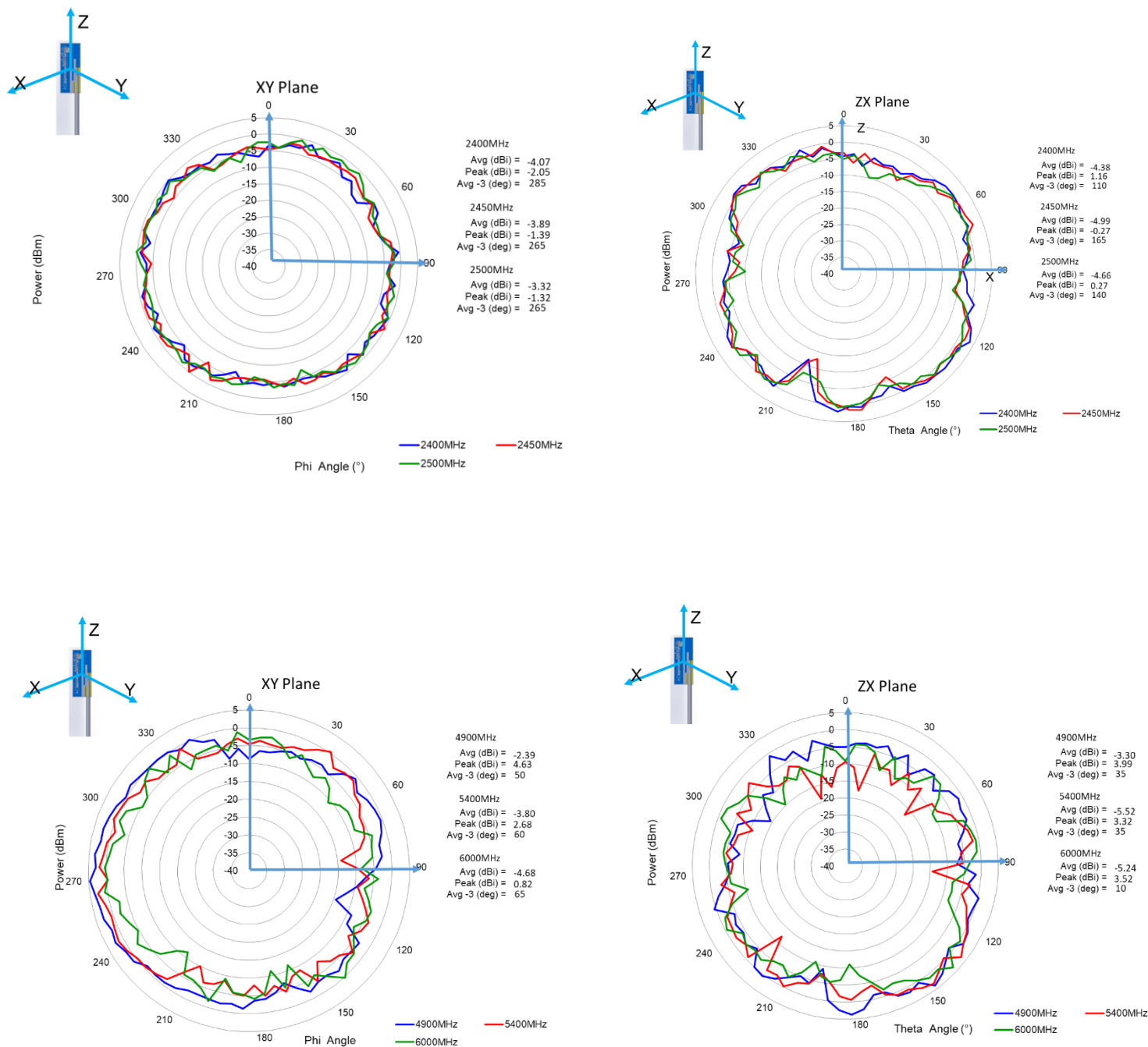
Charts – Efficiency & Peak Gain

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Note: Antenna tested on 1mm thickness PC plate with 150mm feed cable

Charts –Radiation Pattern



Note: Antenna tested on 1mm thickness PC plate with 150mm feed cable

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PACKAGING

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10PCS/PE bag
10 PE bag/foam bag
12 foam bag/ carton box
Total 1200PCS/Carton box



For More Information:

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