



# Internal Antenna WIFI\_Antenna

W3469B0100



## Features & Applications:

-  PCB+Cable antenna
-  WIFI band 2400-2500; 5150-5850MHz

## ELECTRICAL SPECIFICATIONS @ 25°C

### General Specifications

Antenna type	Nominal Impedance	Polarization	Radiation pattern	Power withstanding	DC Ground
Dipole	50Ω	Line	Omni	5W	No

### W3469B0100 Antenna

Frequency (MHz)	2400-2500	5150-5850
Return Loss	<-10 dB(on equipment)	<-10 dB(on equipment)

## MECHANICAL SPECIFICATIONS

### W3469B0100 band Antenna

Dimension (Length x Width x Height)	Material	Color	Weight	Fixing System	Mounting Hole Diameter
34.8x10x0.55mm	PCB+Cable	PCB: Green Cable: Black	1g	Adhesive	N/A
Wireless Technology	No. of Port	Cable Length	Cable Color	Cable Type	Connector Type
WiFi	N/A	100mm	Black	1.13 coaxial cable	IPEX 1 compatible

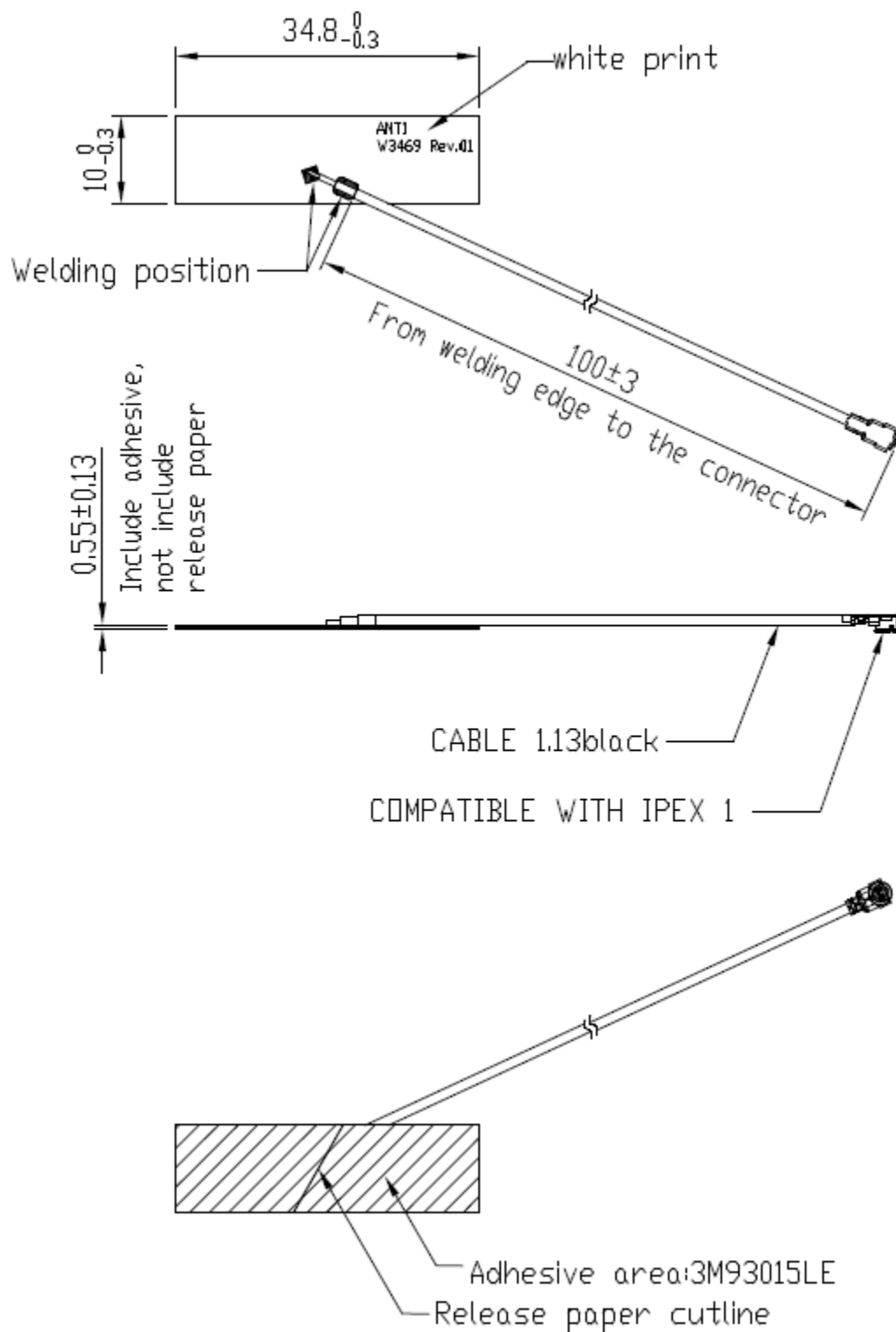
## ENVIRONMENTAL SPECIFICATIONS

### W3469B0100

Operating Temperature	RoHS Compliant
-40/+85° C	Yes

Mechanical Drawing

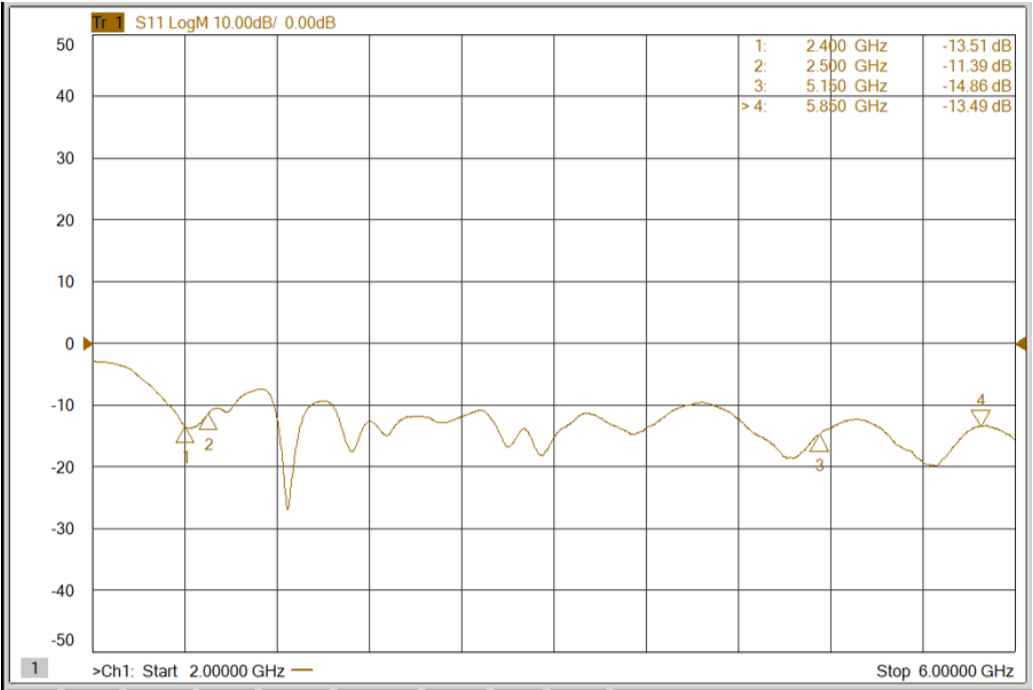
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Dimensions: mm (inches) Unless otherwise specified, all tolerances are ±0.25mm (±.010)

Passive Test Picture

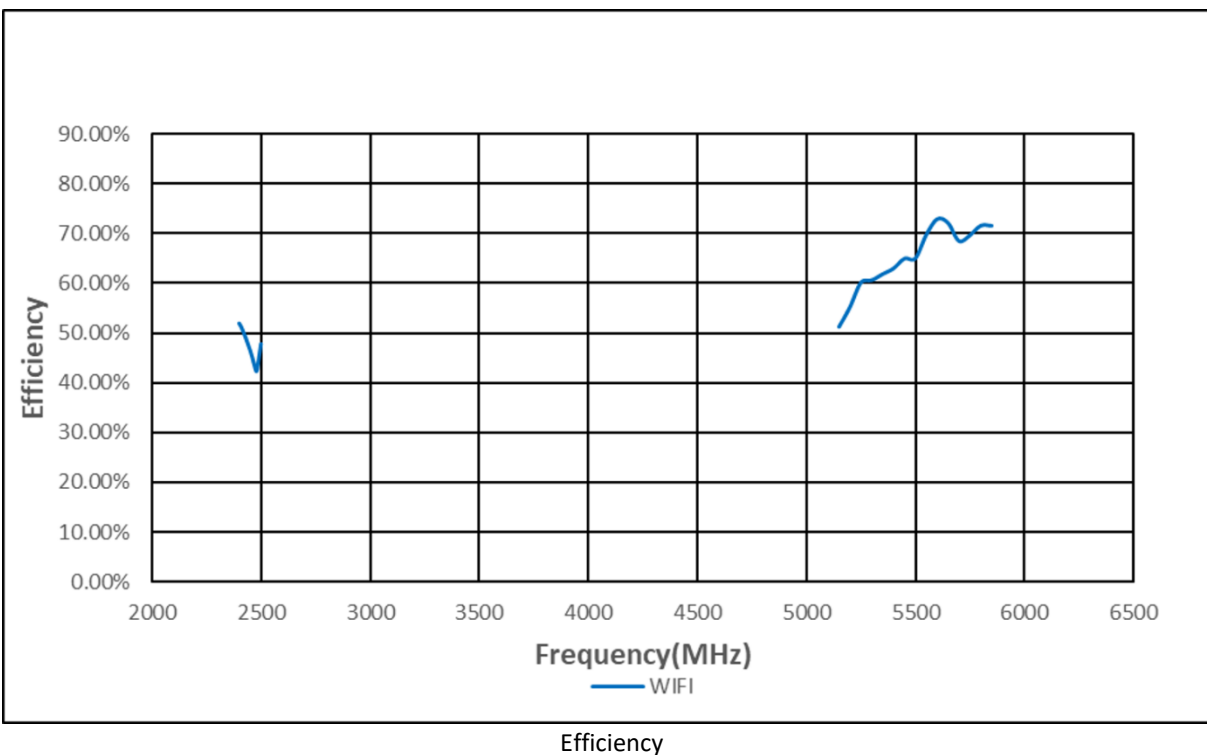
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Return Loss

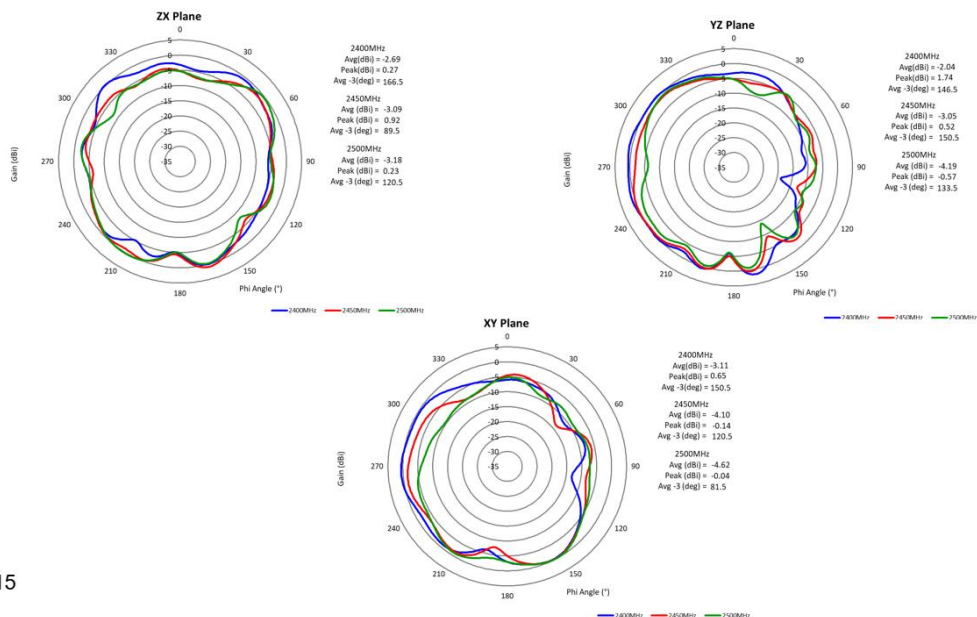
## Efficiency and Peak Gain

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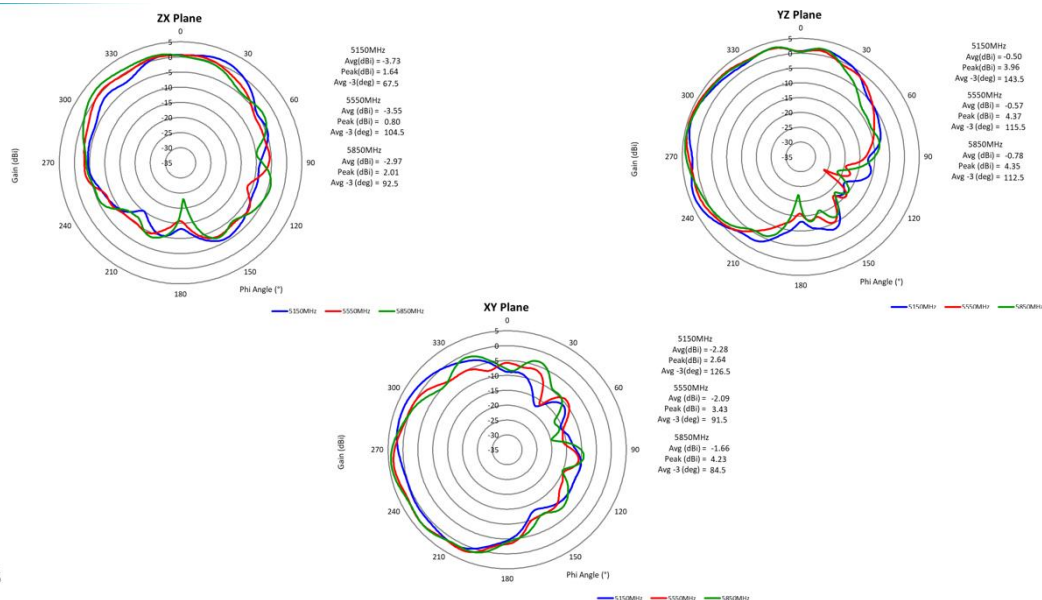
## 2D Radiation Pattern

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## 2G\_2D Radiation Pattern



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## 5G\_2D Radiation Pattern

## PACKAGING

W3469B0100

TBD

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### Notes:

1. Please contact sales for availability, lead time, and/or any special requests. Samples available upon request.

### For More Information:

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