





# External Stick Antenna Swivel base

W1037 – 2400-2500 MHz



## Applications:

-  2.4GHz ISM band radios
-  Bluetooth , BLE , Zigbee
-  WLAN , WiFi 802.11x for 2.4GHz
-  Indoor use

### Electrical specifications @ 25° C – Operating Temperatures – 40°C to +80°C

#### Frequency Bands – 2400-2500MHz

Antenna type <sup>2</sup>	Nominal Impedance	Polarization	Radiation pattern	Power withstanding
Dipole	50Ω	Linear	Omni	3W

Port	Frequency (MHz)	2400-2500
Port 1	Return Loss (dB)	< -10
	Peak Gain (dBi)	4.2
	Avg. Efficiency (%)	75

### Mechanical Specifications

#### Orderable PN: W1037

Dimension	Color	Antenna Material	Connector Type	Cable Type
Length x Width x Thickness	Black	TPE	RP-SMA Male	N/A
D13.2X197MM				
Cable Length	Weight	RoHS-6 Compliant		
N/A	24.2 gram	Yes		

#### Notes:

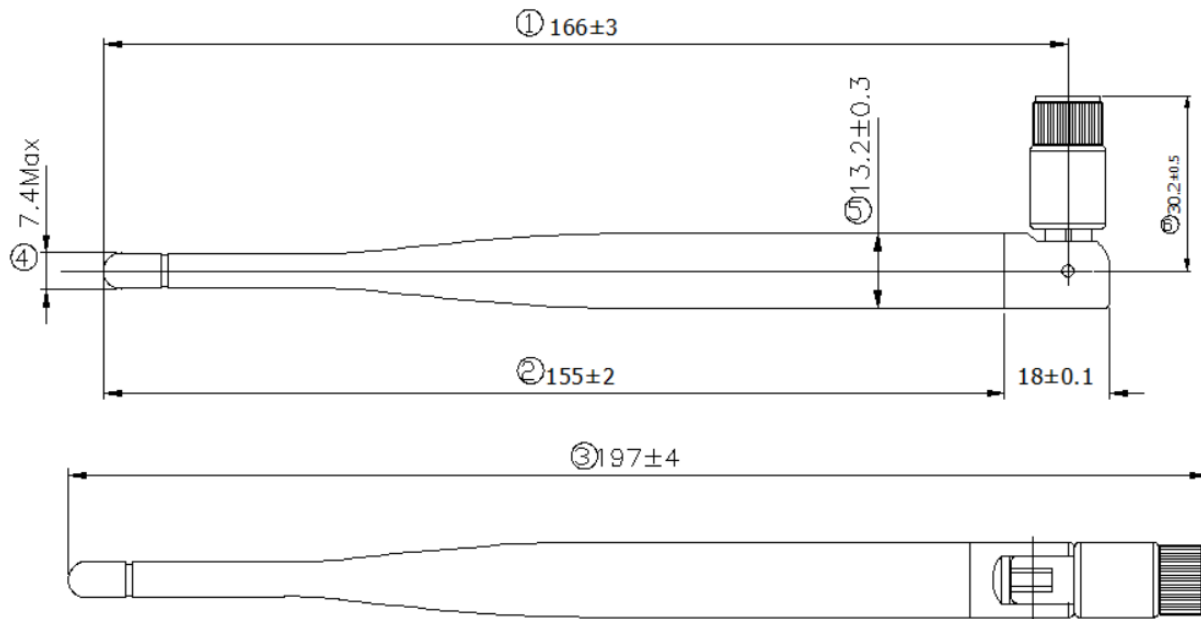
1. Storage Temperature: -40°C to 80°C
2. Contact sales for custom cable lengths and connector type.

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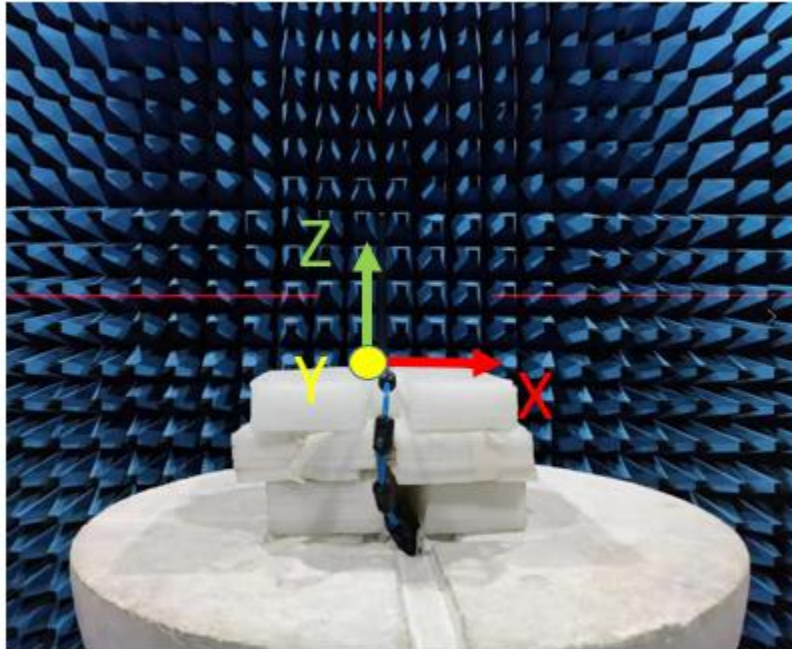
## Mechanical Drawing

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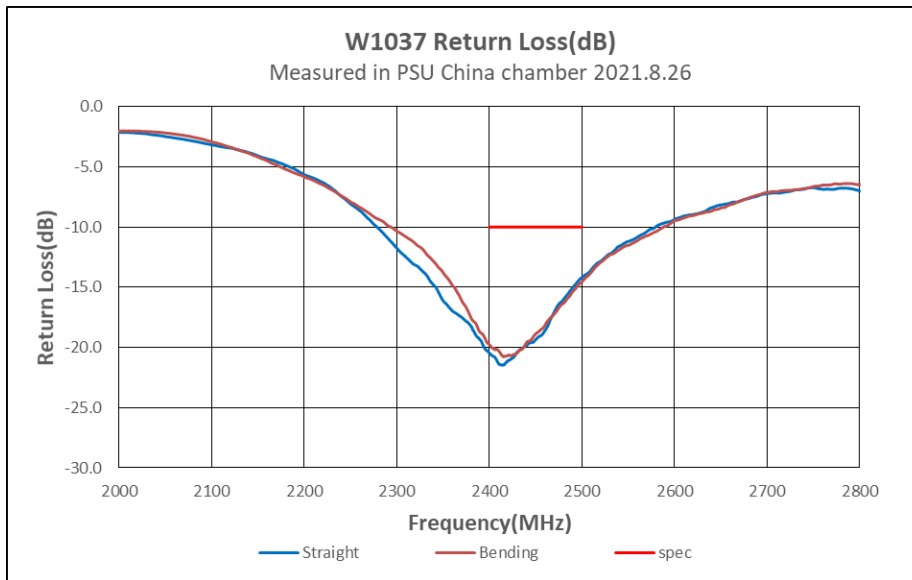
## Testing Setup

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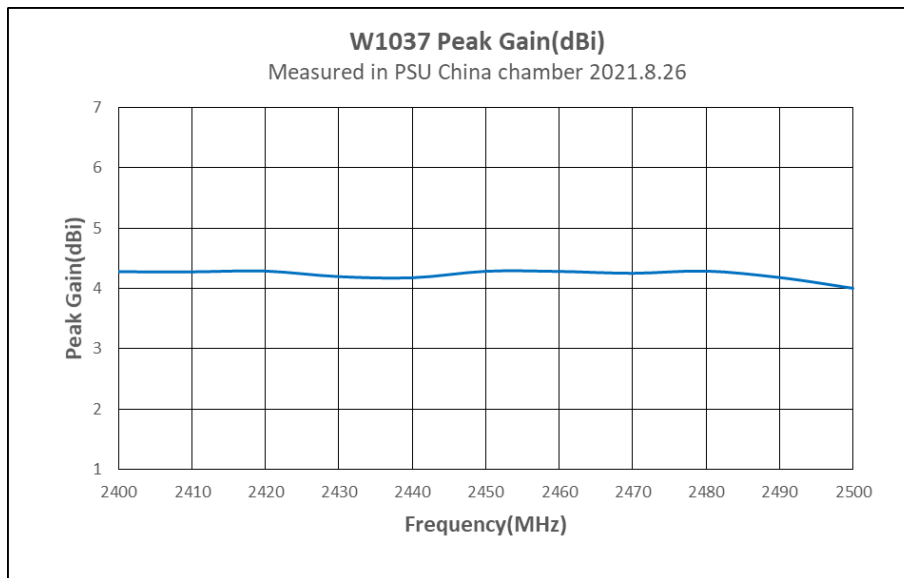
### Charts- Return Loss

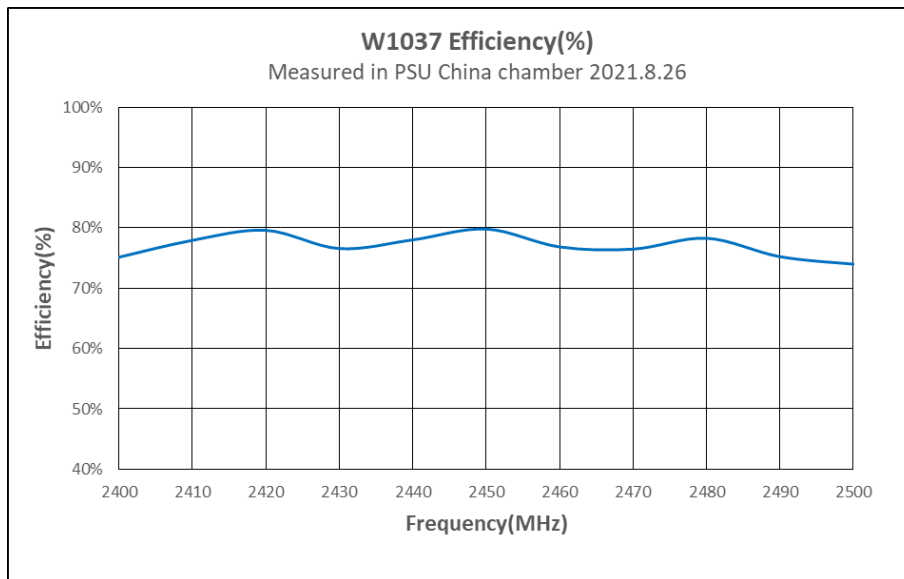
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### Charts- Peak Gain and Efficiency

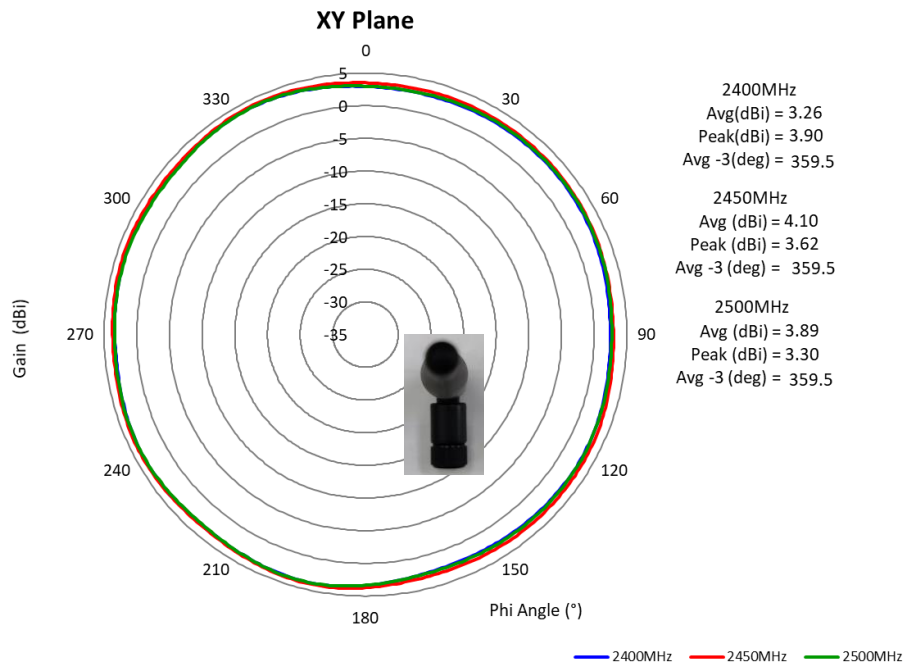
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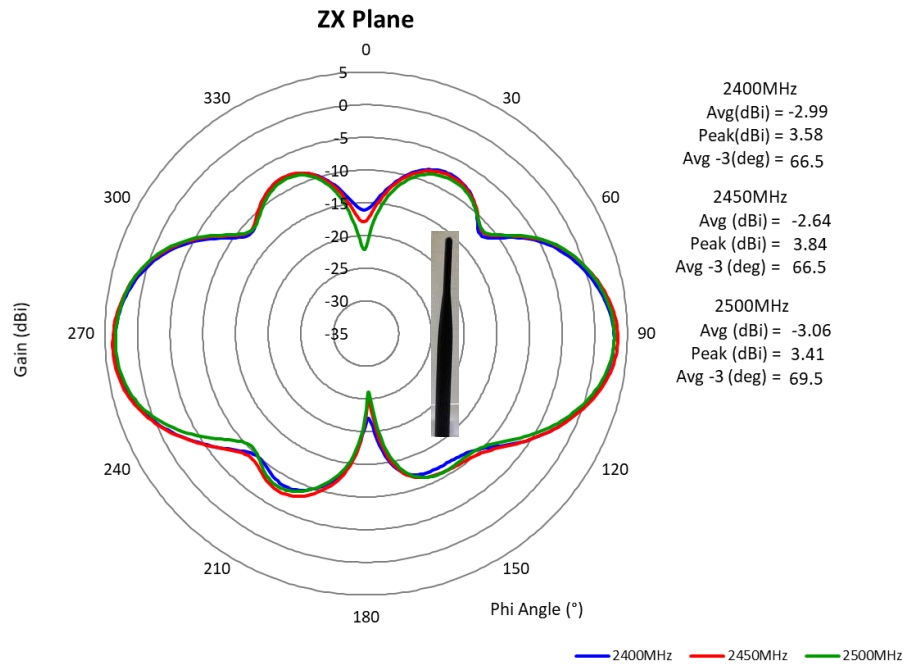
### Charts- XY Gain Plots

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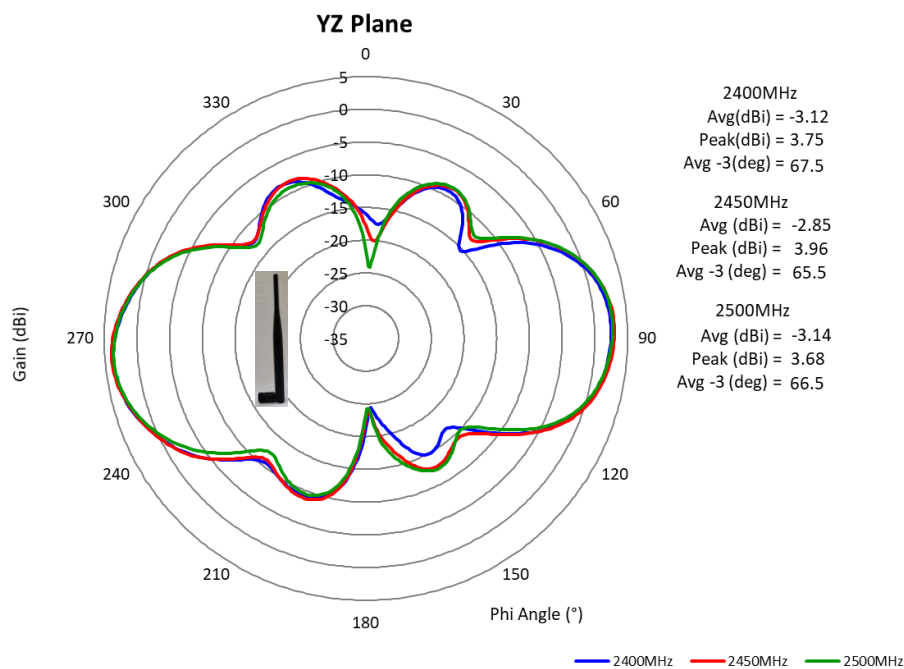
Charts – ZX Gain Plots

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Charts – ZX Gain Plots

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## Package

W1037

### Packaging info:

1 antennas put into a PE bag,  
Total 1200pcs antenna in 1 out box.

### For More Information:

[Americas - antennas.us@pulseelectronics.com](mailto:antennas.us@pulseelectronics.com) | [Europe – antennas.eu@pulseelectronics.com](mailto:antennas.eu@pulseelectronics.com) | [Asia – antennas.as@pulseelectronics.com](mailto:antennas.as@pulseelectronics.com) | [Questions? +1-800-ANTENNA](tel:+1800ANTENNA)  
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