



Features:

- Frequency 2400-2500MHz
- Gain 2.33 dBi
- Return Loss -10dB
- Length 108mm Straight position
- Connector:
 - RP SMA Male as default
 - SMA Male available by request

Applications:

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

All dimensions are in mm / inches

Issue: 2047

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

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For more information:

Pulse Worldwide Headquarters
15255 Innovation Drive #100
San Diego, CA 92128
USA
Tel: 1-858-674-8100

Pulse/Larsen Antennas
18110 SE 34th St Bldg 2 Suite 250
Vancouver, WA 98683
USA
Tel: 1-360-944-7551

Europe Headquarters
Pulse GmbH & Co, KG
Zeppelinstrasse 15
Herrenberg, Germany
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



Series: Stick Antenna**Description :** 2.4-2.5GHz Dipole swivel stick antenna**PART NUMBER: W1030****ELECTRICAL SPECIFICATIONS**

Antenna Type	1/2 λ Swivel Type Dipole Antenna
Frequency	2.4-2.5 GHz
Nominal Impedance	50 Ω
Return Loss	≤ -10 dB
Radiation Pattern	Omni
Gain	2.33 dBi
Polarization	Vertical
Electrical Length	1/2 λ dipole

MECHANICAL SPECIFICATIONS

Overall Length	108 mm
Weight	6.3 g
Antenna Color	Black
Connector type	Reverse SMA (Male), default SMA (Male), by request

ENVIRONMENTAL SPECIFICATIONS

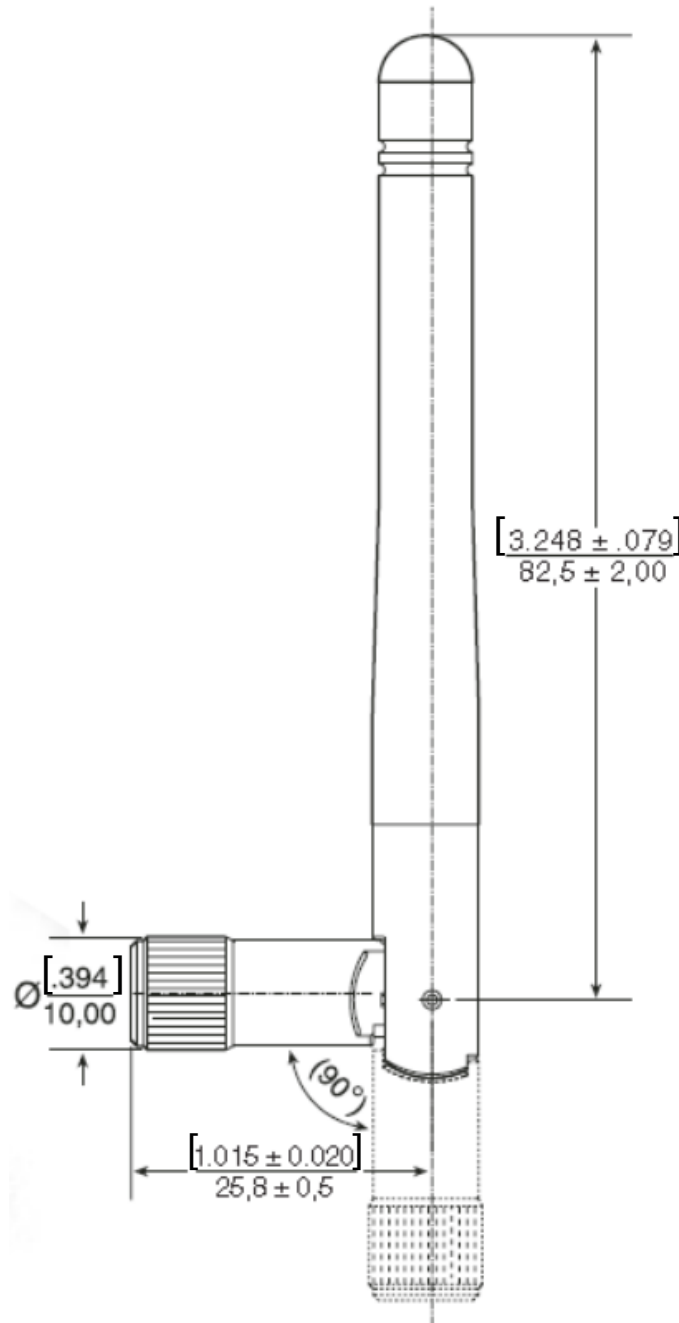
Operating Temperature	-40~+85° C
Storage Temperature	-40~+85° C
RoHS Compliant	Yes

Description : 2.4-2.5GHz Dipole swivel stick antenna

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MECHANICAL DRAWING



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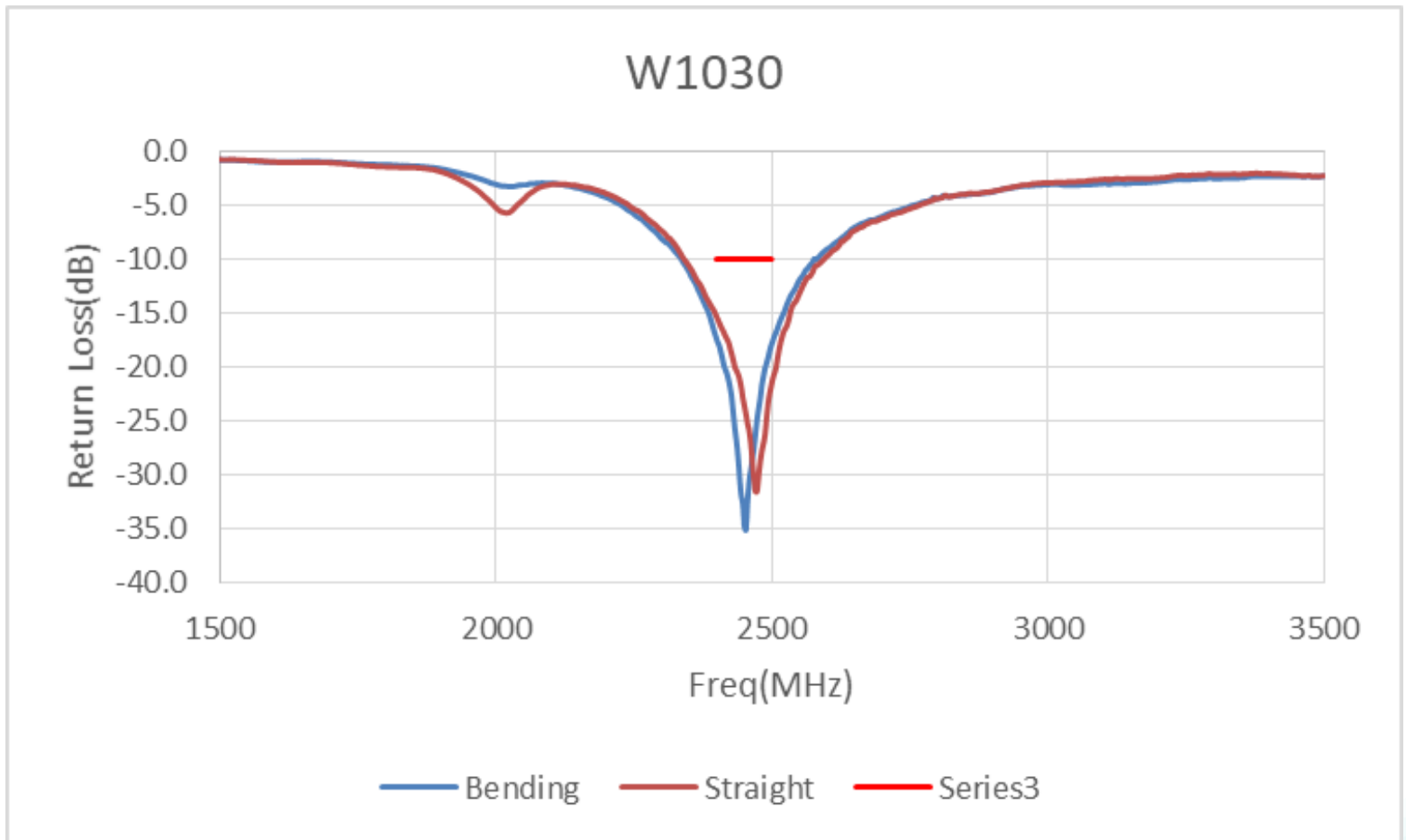
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Description : 2.4-2.5GHz Dipole swivel stick antenna

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Return Loss



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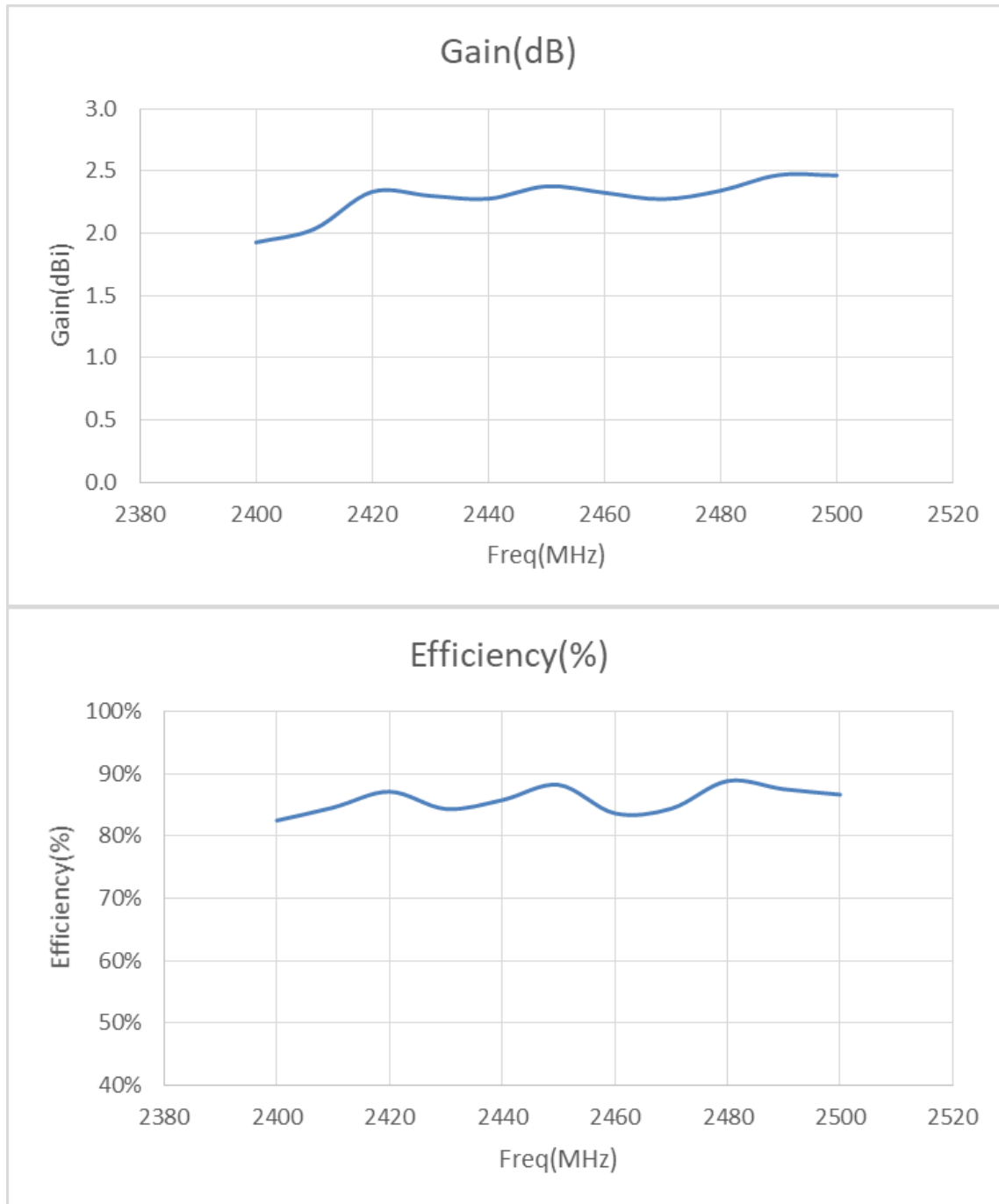
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Series: Stick Antenna

Description : 2.4-2.5GHz Dipole swivel stick antenna

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Gain and efficiency



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Series: Stick Antenna**Description :** 2.4-2.5GHz Dipole swivel stick antenna**PART NUMBER: W1030****CHARTS**

Test Result:

Electrical Performance Test Result

Test Item	Plane	Test Frequency(MHz)	Test Result(dBi)
Gain	XY	2400	1.82
		2450	2.27
		2450	2.26
		2400	1.76
	ZX	2450	2.26
		2500	2.33
		2400	1.21
		2450	1.43
	YZ	2500	1.48

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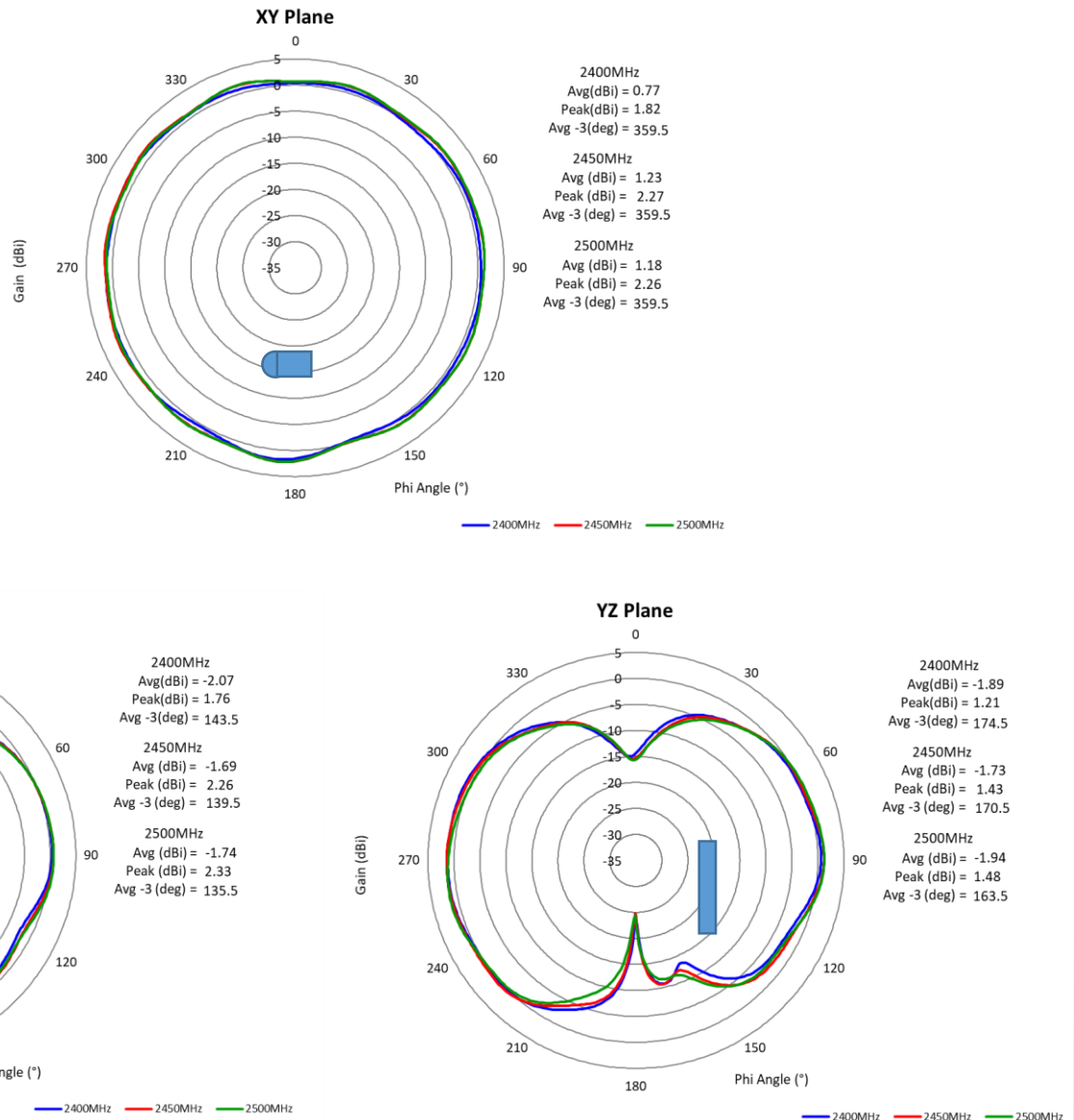
Series: Stick Antenna

Description : 2.4-2.5GHz Dipole swivel stick antenna

PART NUMBER: W1030

CHARTS

Radiation pattern



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Series: Stick Antenna**Description :** 2.4-2.5GHz Dipole swivel stick antenna**PART NUMBER: W1030****PACKAGING**

Pack 20pcs antenna in one PE bag, 30pcs PE bag (600pcs Antenna) in one carton.