

Description: 2.4-2.5GHz Dipole swivel stick antenna

PART NUMBER: W1030



Features:

- Frequency 2400-2500MHz
- Gain 2.0 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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a YAGEO company

Series: Stick Antenna

TECHNICAL DATA SHEET

Description : 2.4-2.5GHz Dipole swivel stick antenna

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ELECTRICAL SPECIFICATIONS

Antenna Type	1/2 λ Swivel Type Dipole Antenna
Frequency	2.4-2.5 GHz
Nominal Impedance	50 Ω
Return Loss	\leq -10dB
Radiation Pattern	Omni
Gain	2.0 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

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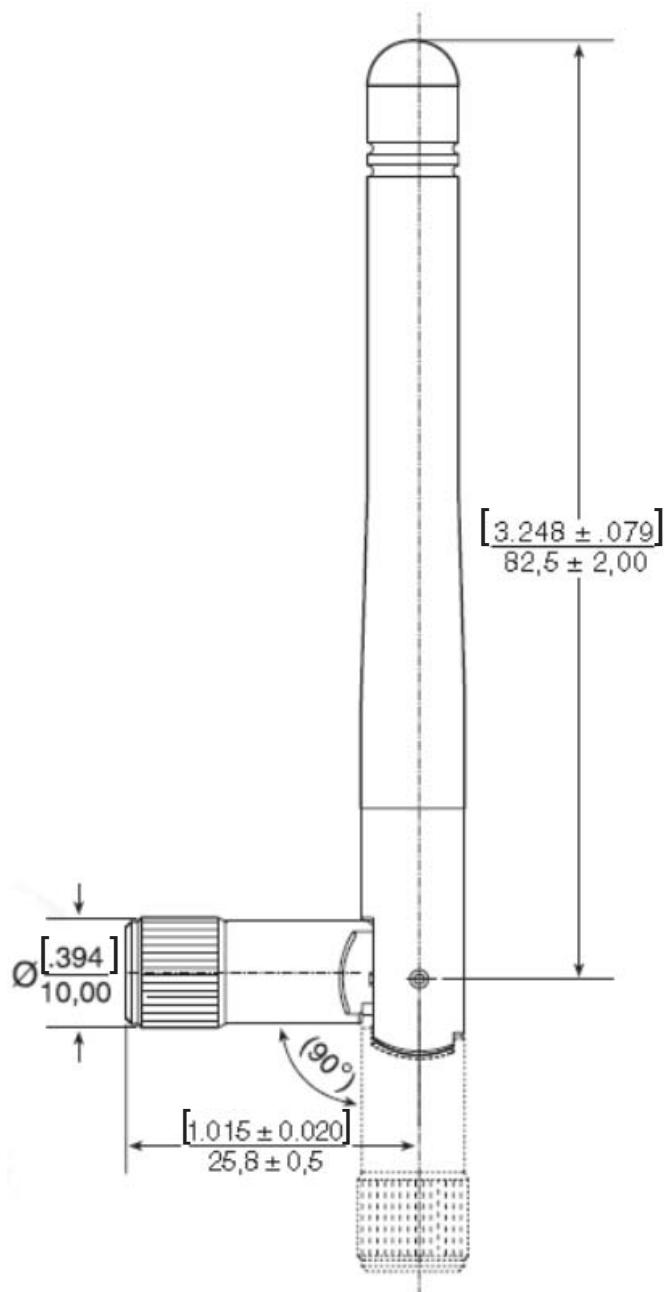
Series: Stick Antenna

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MECHANICAL DRAWING



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Series: Stick Antenna

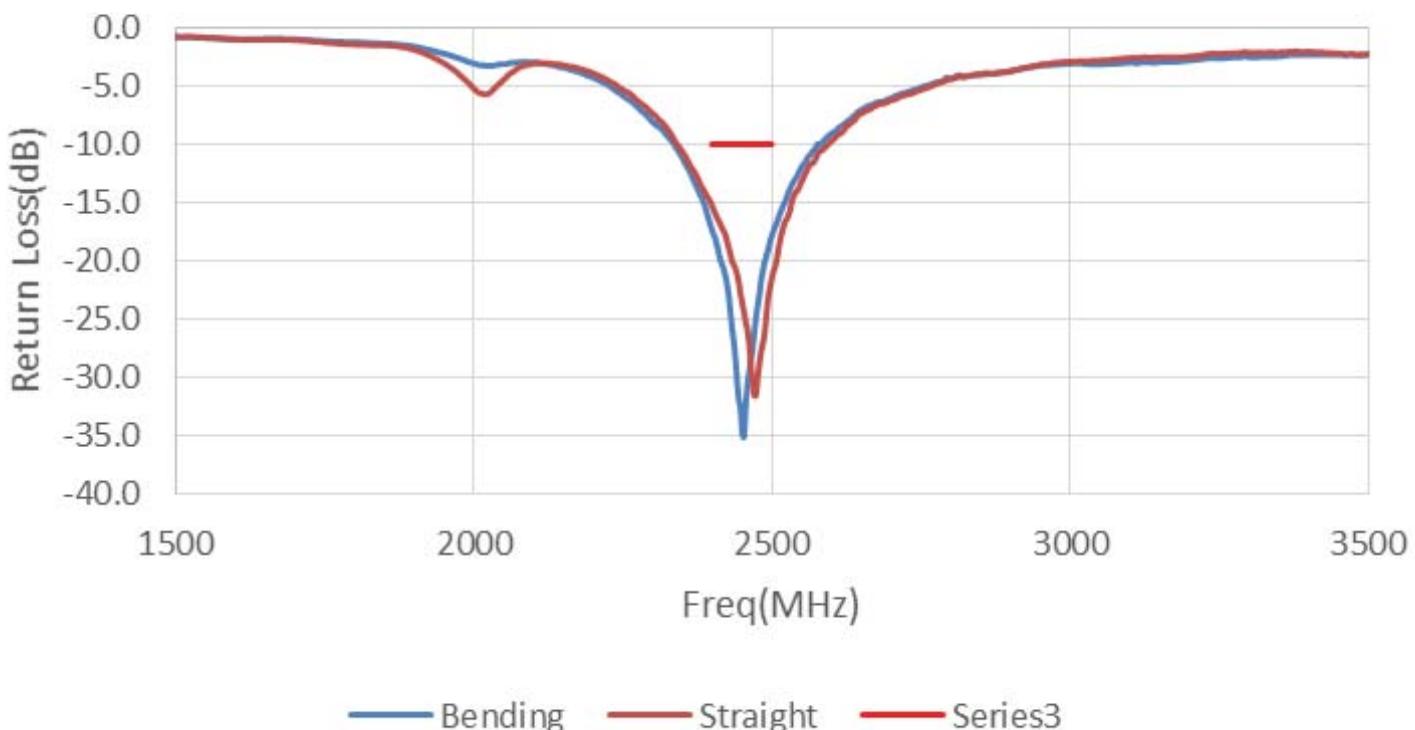
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Return Loss

W1030



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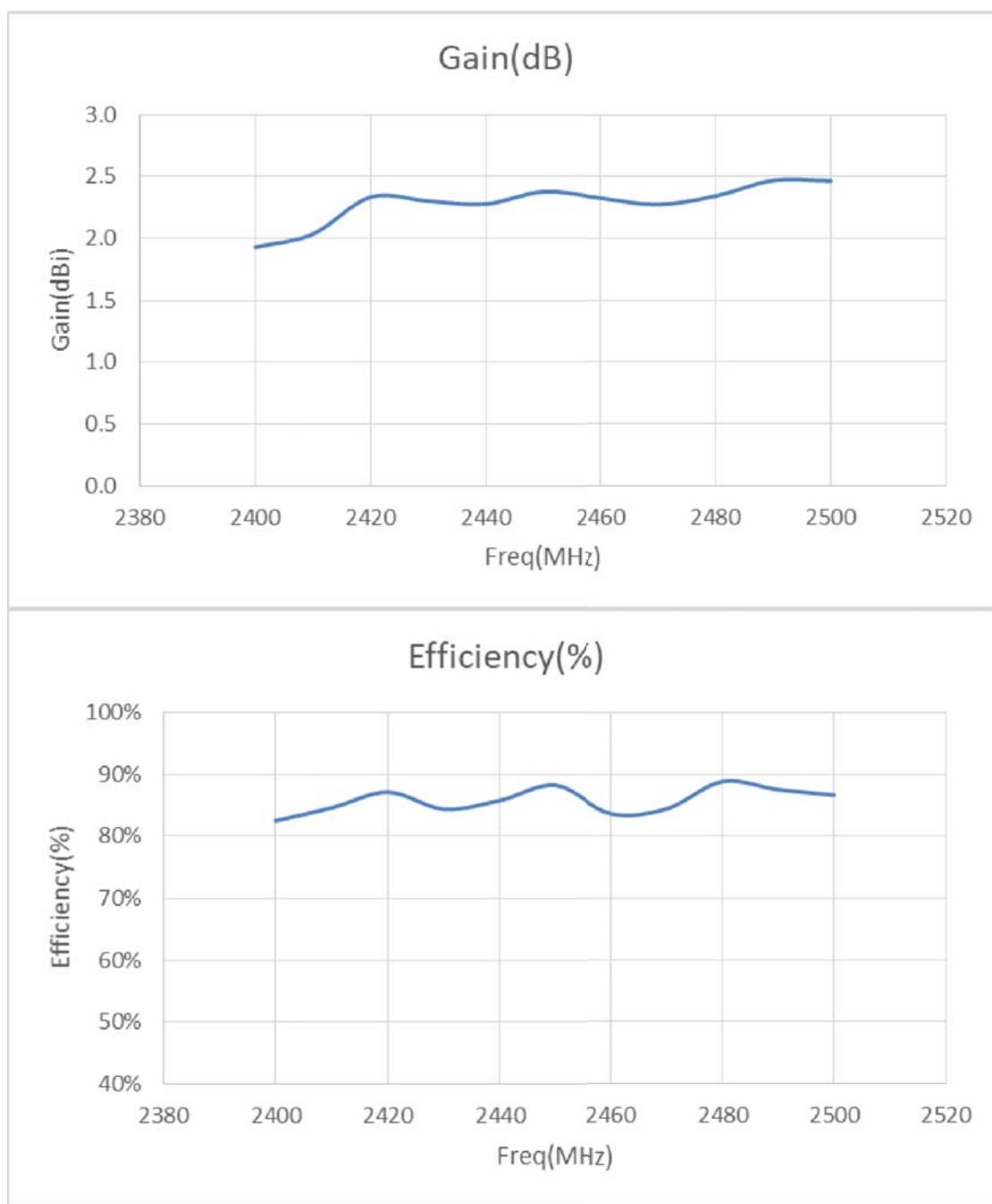
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Gain and efficiency



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Series: Stick Antenna

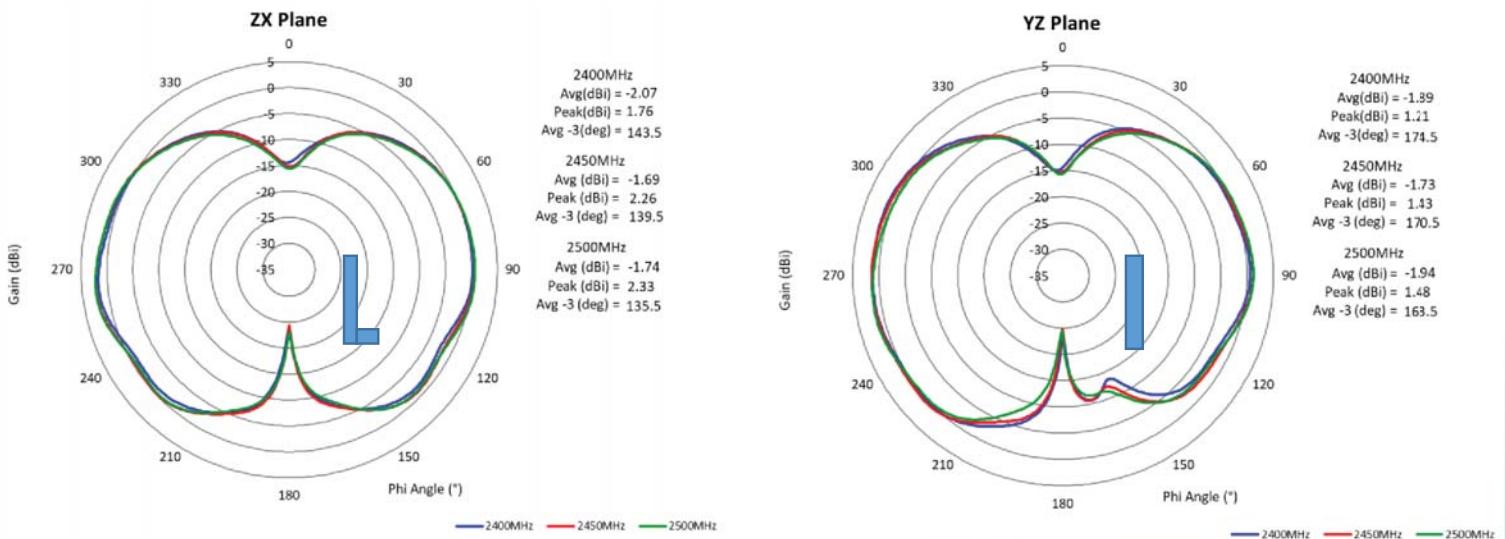
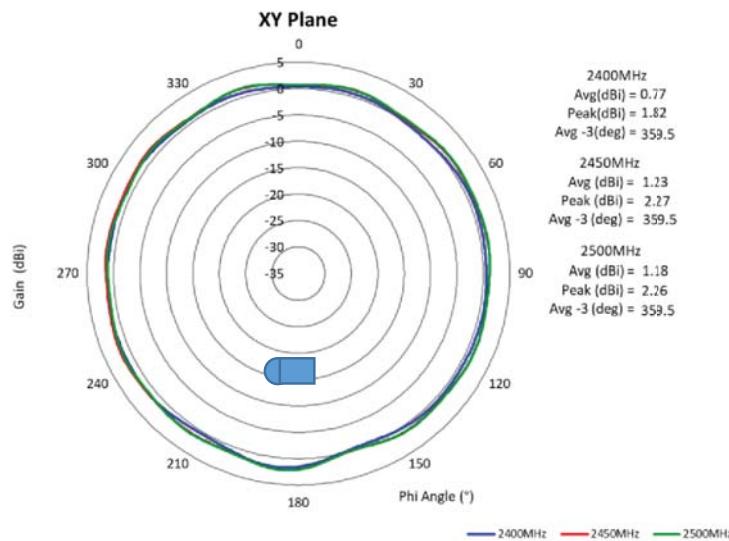
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CHARTS

Radiation pattern



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PACKAGING

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

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