



### Features:

- Frequency 868-928MHz
- Gain 1dBi
- Efficiency 70%
- Length 195mm straight
- Connectors:
  - W1063 RP-SMA Male
  - W1063M SMA Male
- RoHS Compliant

### Applications:

- Indoor use
- 868MHz and 915MHz ISM band radios
- IoT devices
- Security
- Sensors
- Monitoring

All dimensions are in mm

Issue: 1830

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

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## ELECTRICAL SPECIFICATIONS

Frequency	863-928 MHz
Nominal Impedance	50 $\Omega$
VSWR	2 Maximum
Radiation Pattern	Omni
Gain	1 dBi
Efficiency	70 %
Polarization	Linear
Power Withstanding	1 W

## MECHANICAL SPECIFICATIONS

Overall Length	195+/-2 mm
Weight	23.5 g
Antenna Color / Material	Black
Connector type	W1063 RP SMA Male W1063M SMA Male
IP Rating	IP20, Indoor use

## ENVIRONMENTAL SPECIFICATIONS

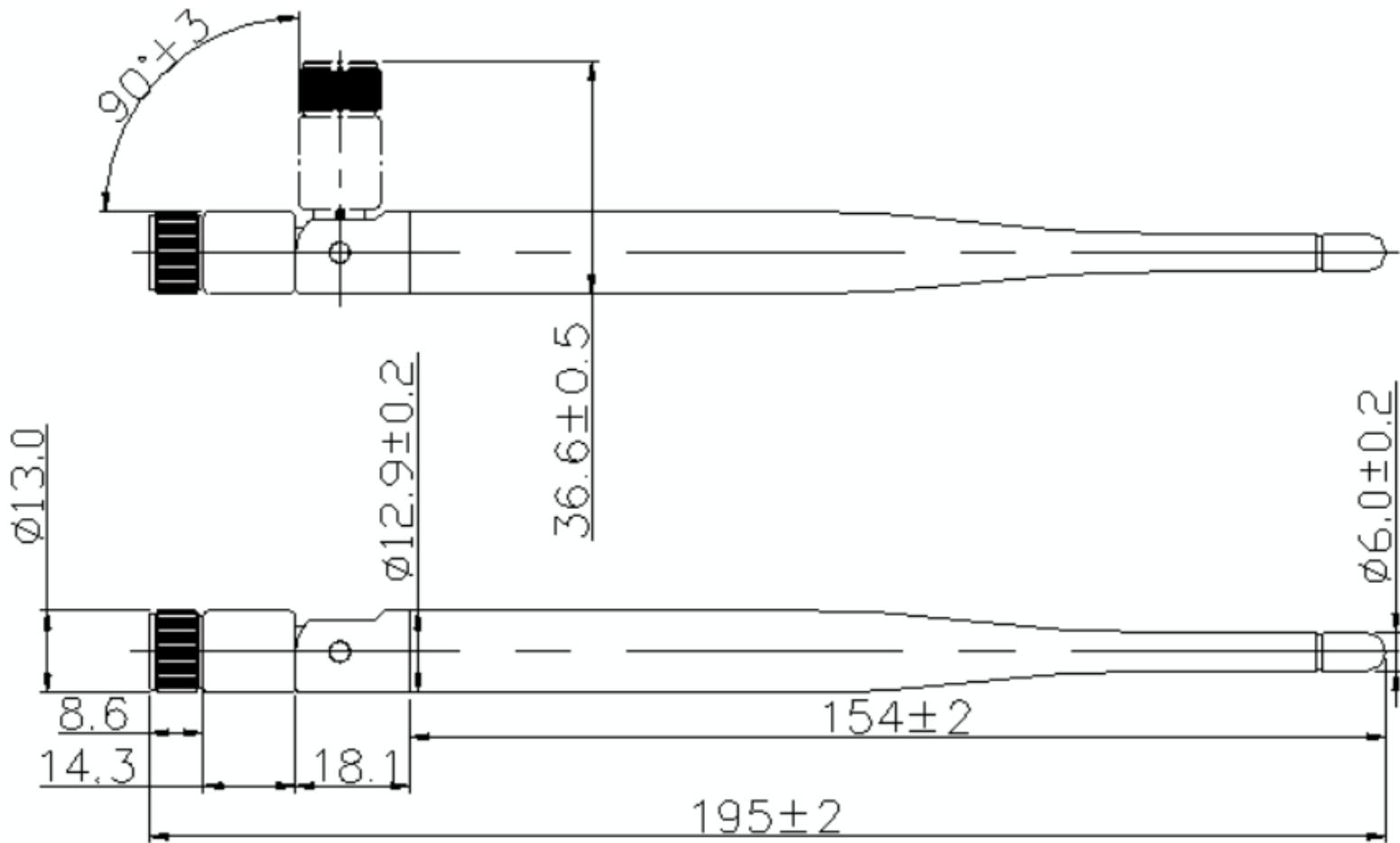
Operating Temperature	-20 °C /+65 ° C
Storage Temperature	-30 °C /+75 °C

Series: Stick Antenna

Description: 868-928MHz Swivel Type  
dipole antenna

PART NUMBER: W1063/ W1063M

MECHANICAL DRAWING



All dimensions are in mm

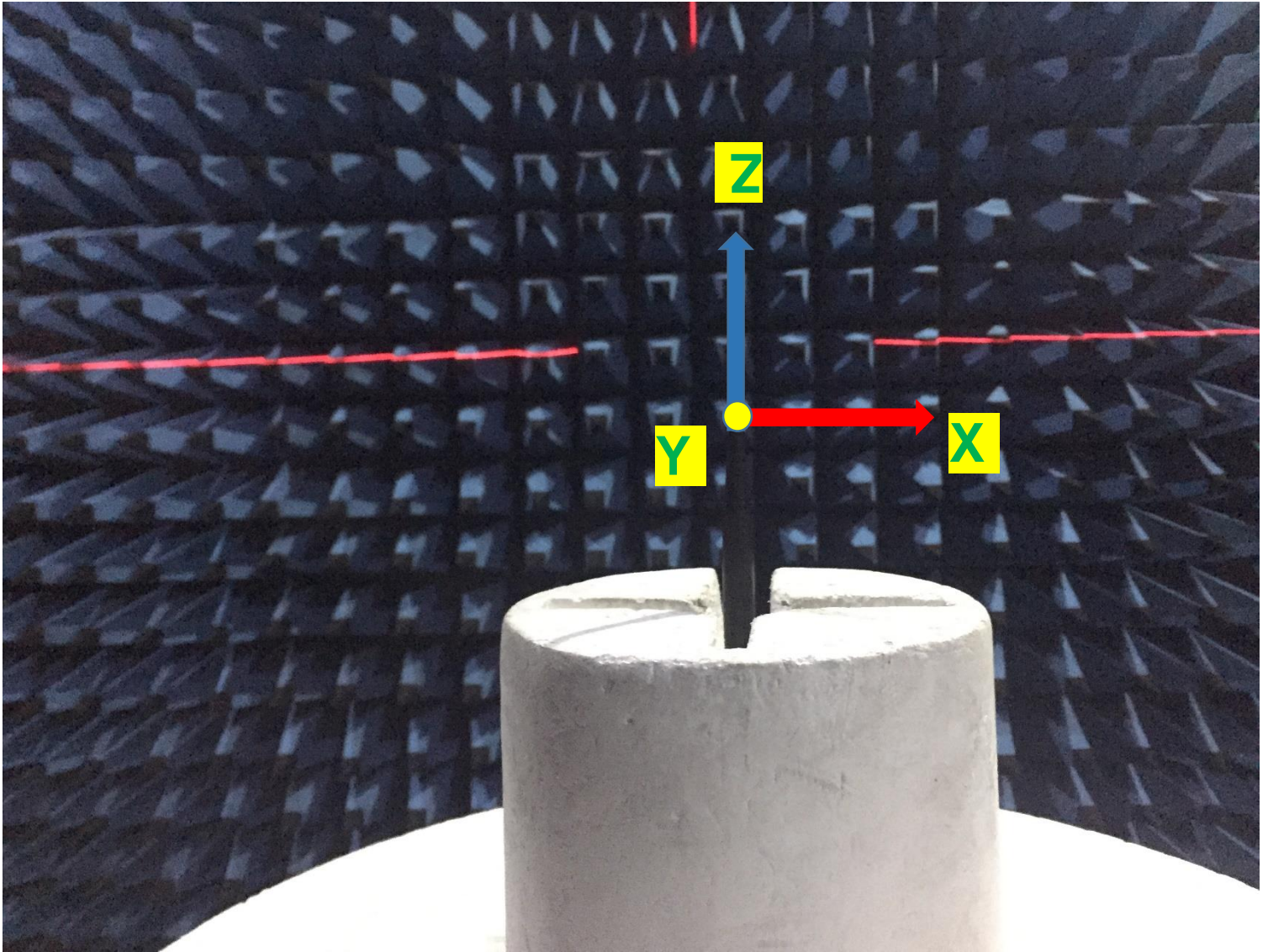
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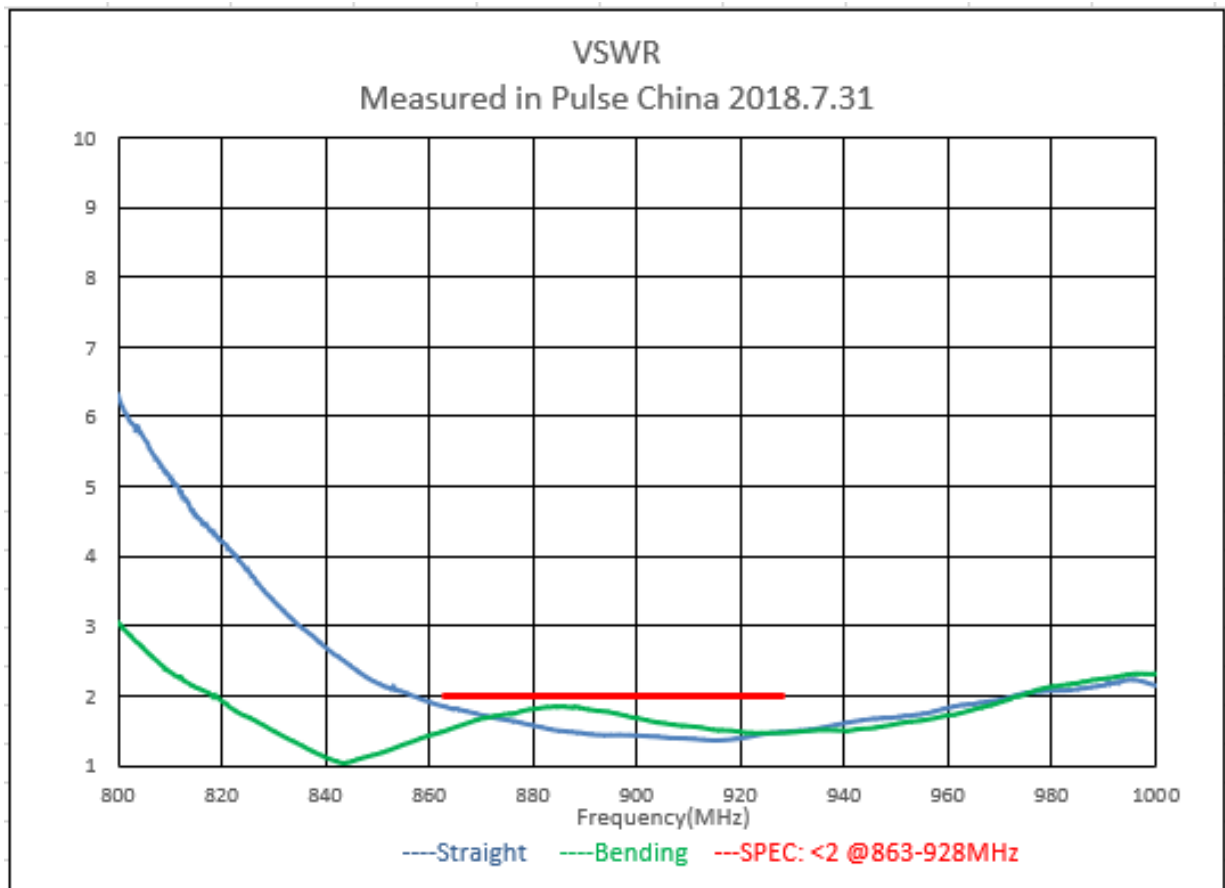
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## TEST SETUP



## CHARTS

### VSWR





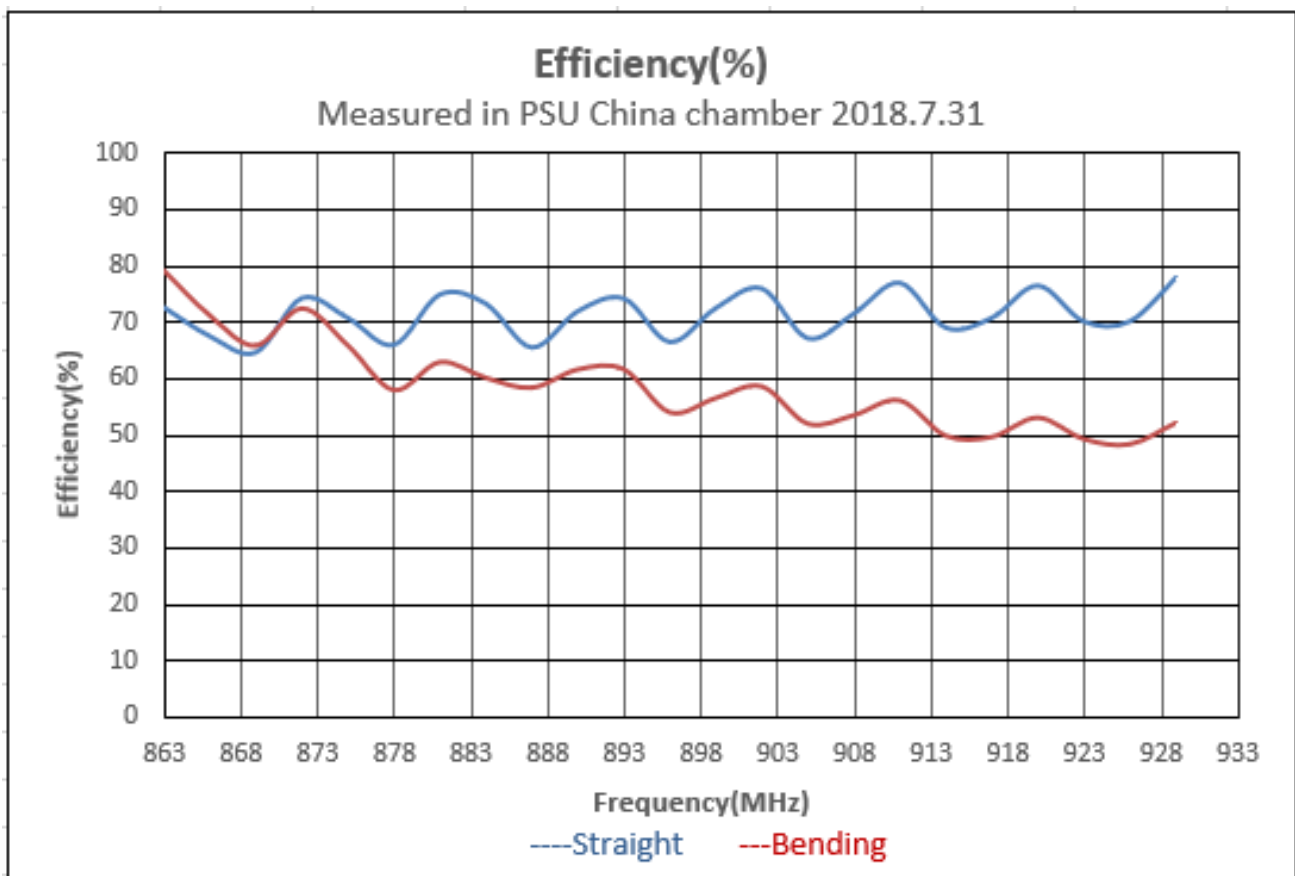
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## CHARTS

### Efficiency(%)



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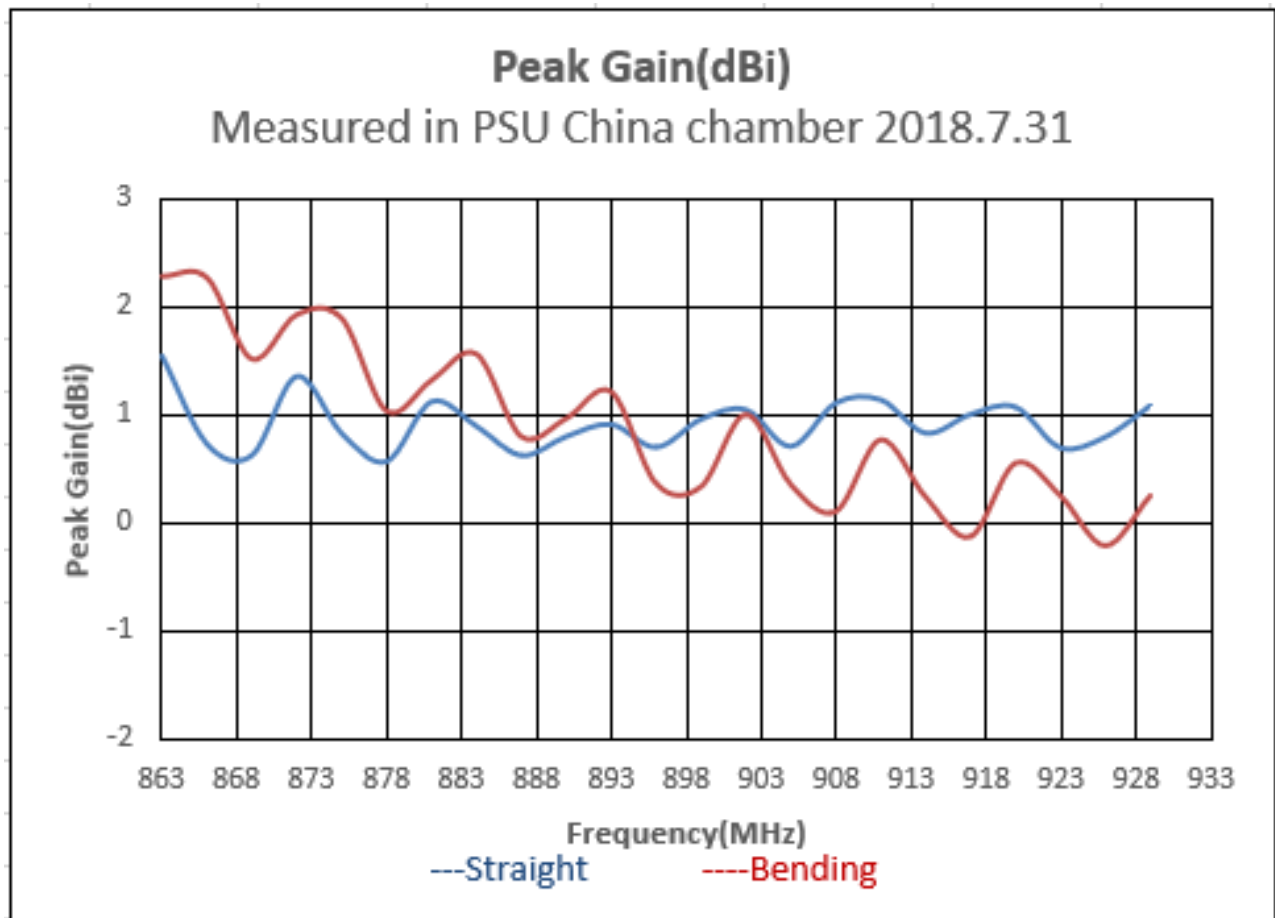
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## CHARTS

### Peak Gain (dBi)



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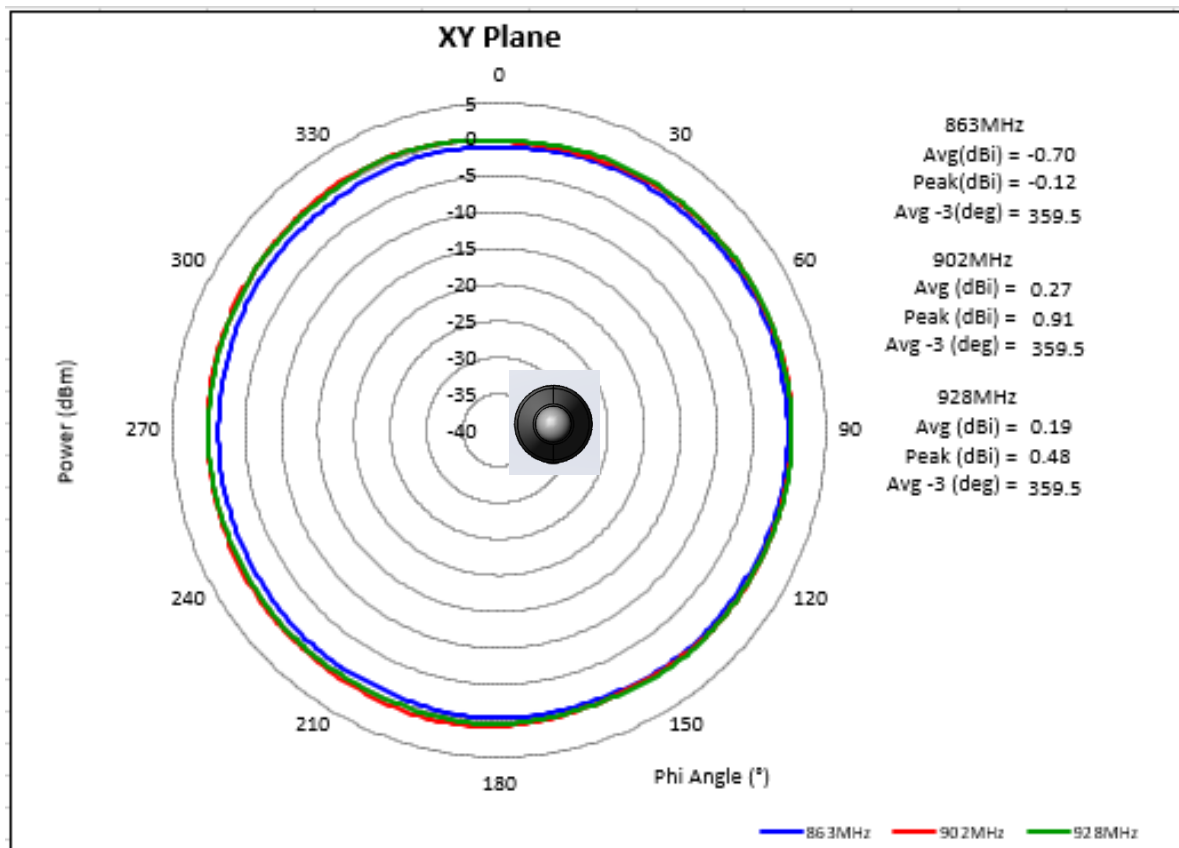
Series: Stick Antenna

Description: 868-928MHz Swivel Type dipole antenna

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## CHARTS

### Free space radiation pattern



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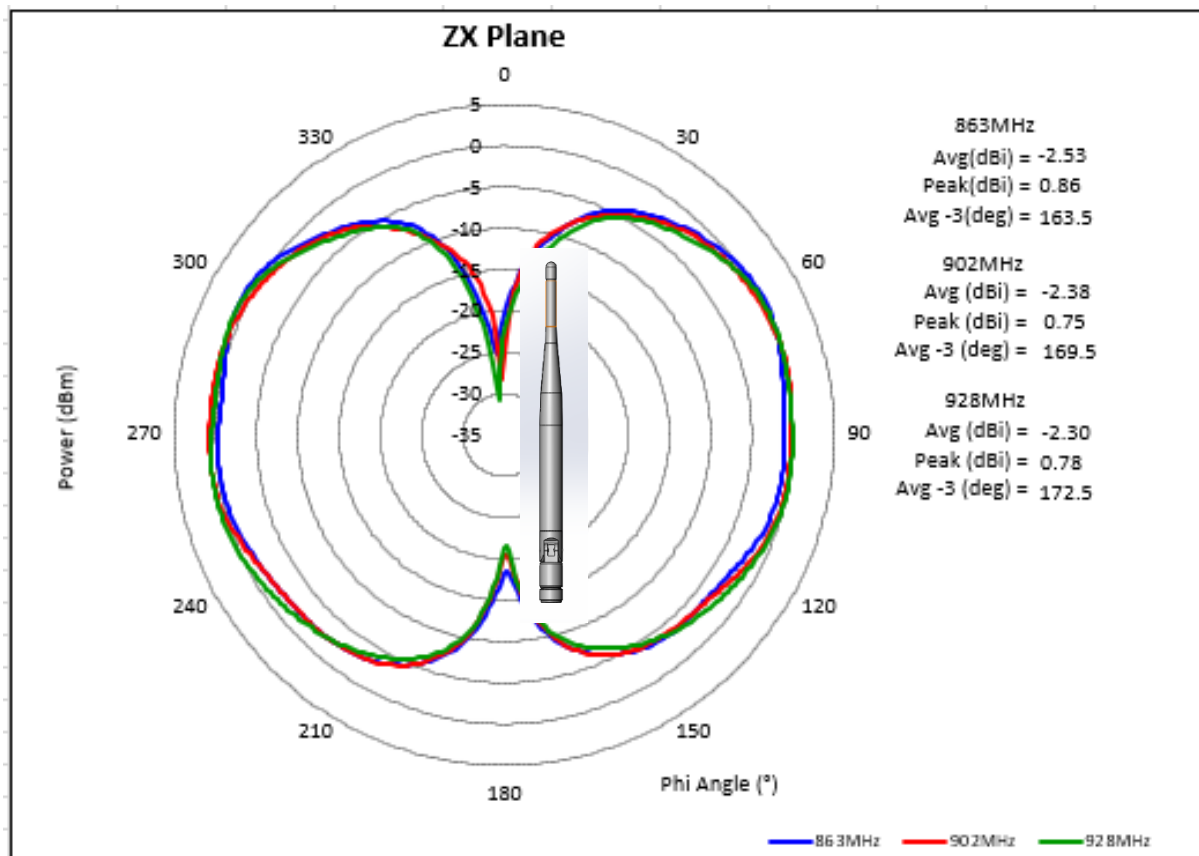
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## CHARTS

### Free space radiation pattern



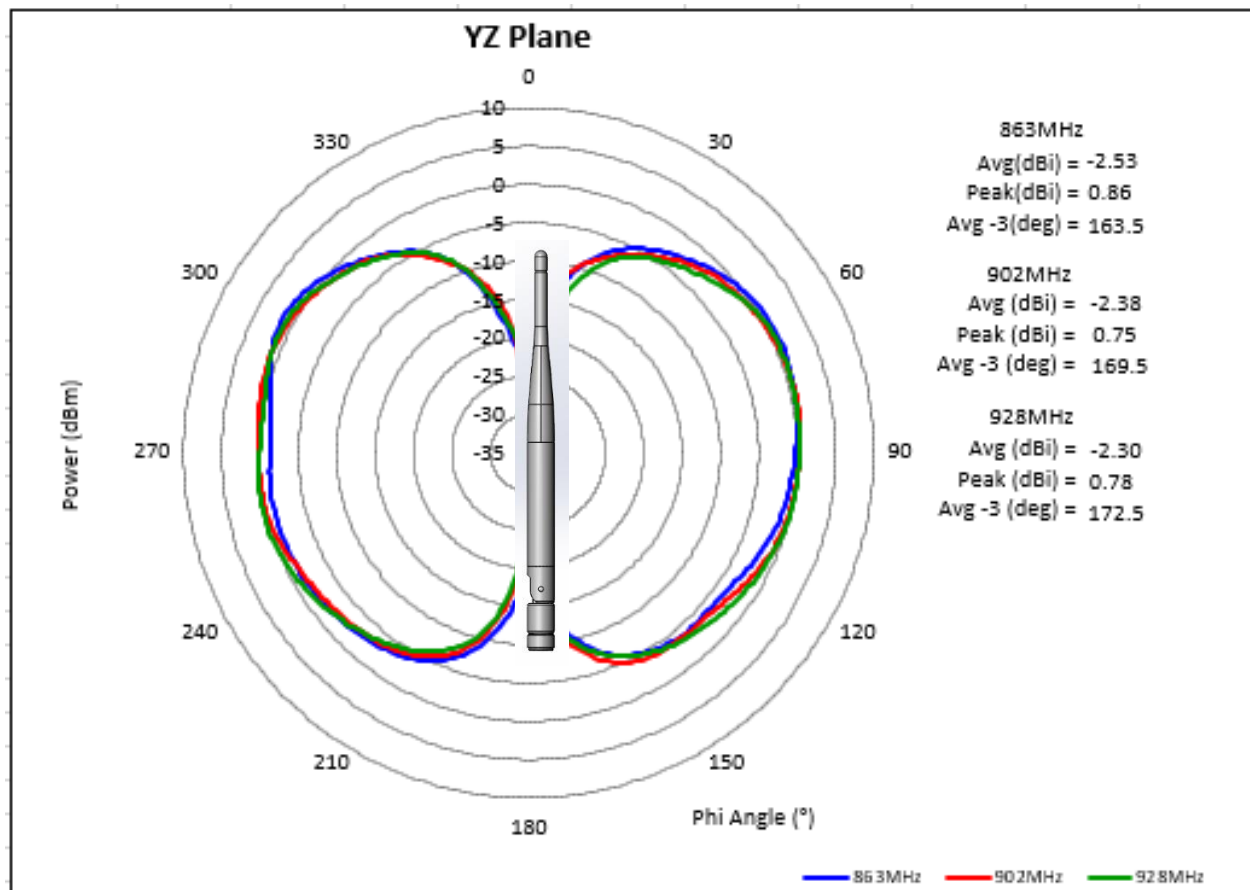
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## CHARTS

### Free space radiation pattern



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## PACKAGING

1PCS/PE BAG

250PCS/ carton box

Carton box dimensions (MM): 460x235x140



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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