



### 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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Series: Stick Antenna

Description: 868-928MHz Swivel Type  
dipole antenna

PART NUMBER: W1063/ W1063M

## 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

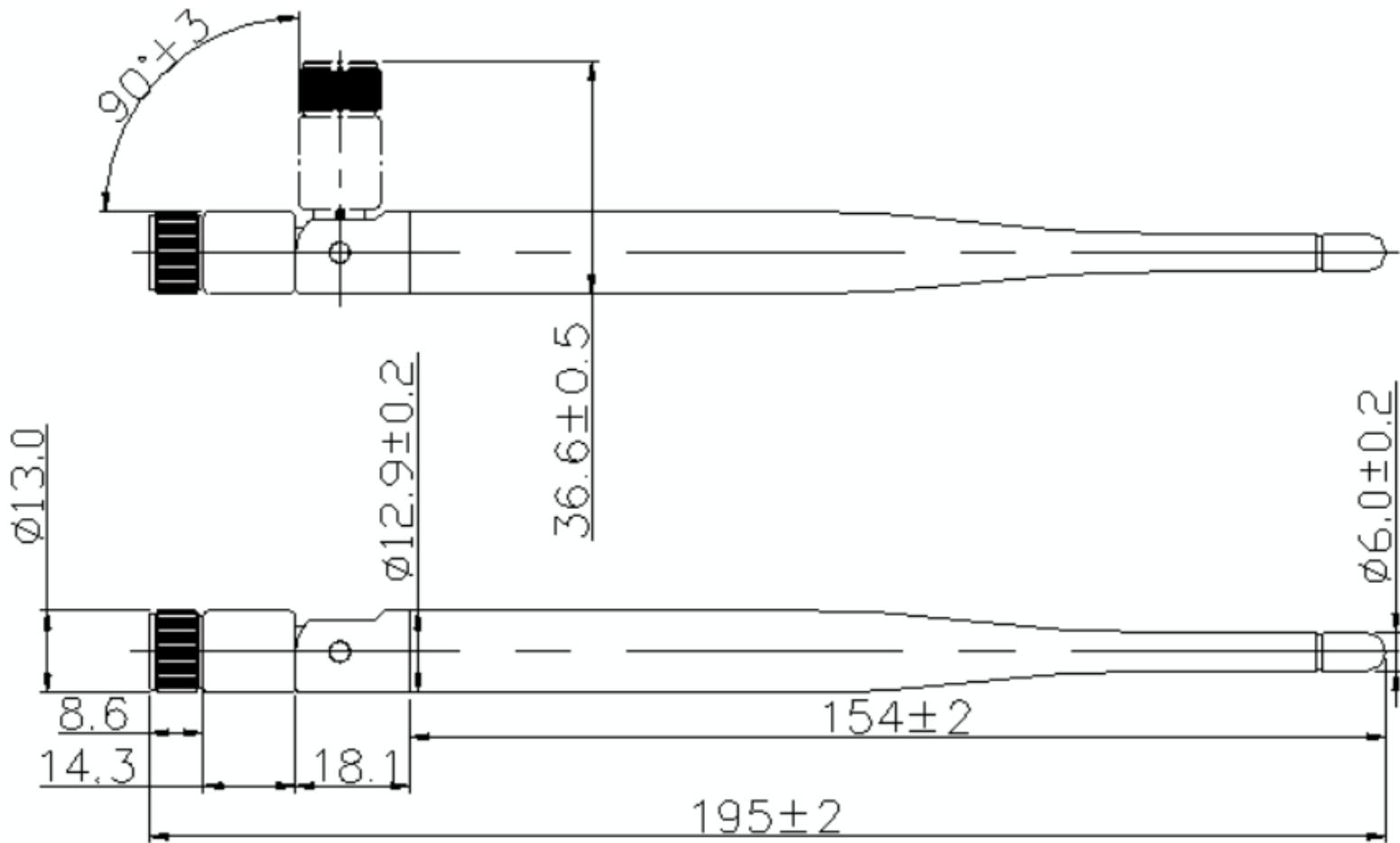
Operating Temperature	-20 °C /+65 ° C
Storage Temperature	-30 °C /+75 ° C

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MECHANICAL DRAWING



All dimensions are in mm

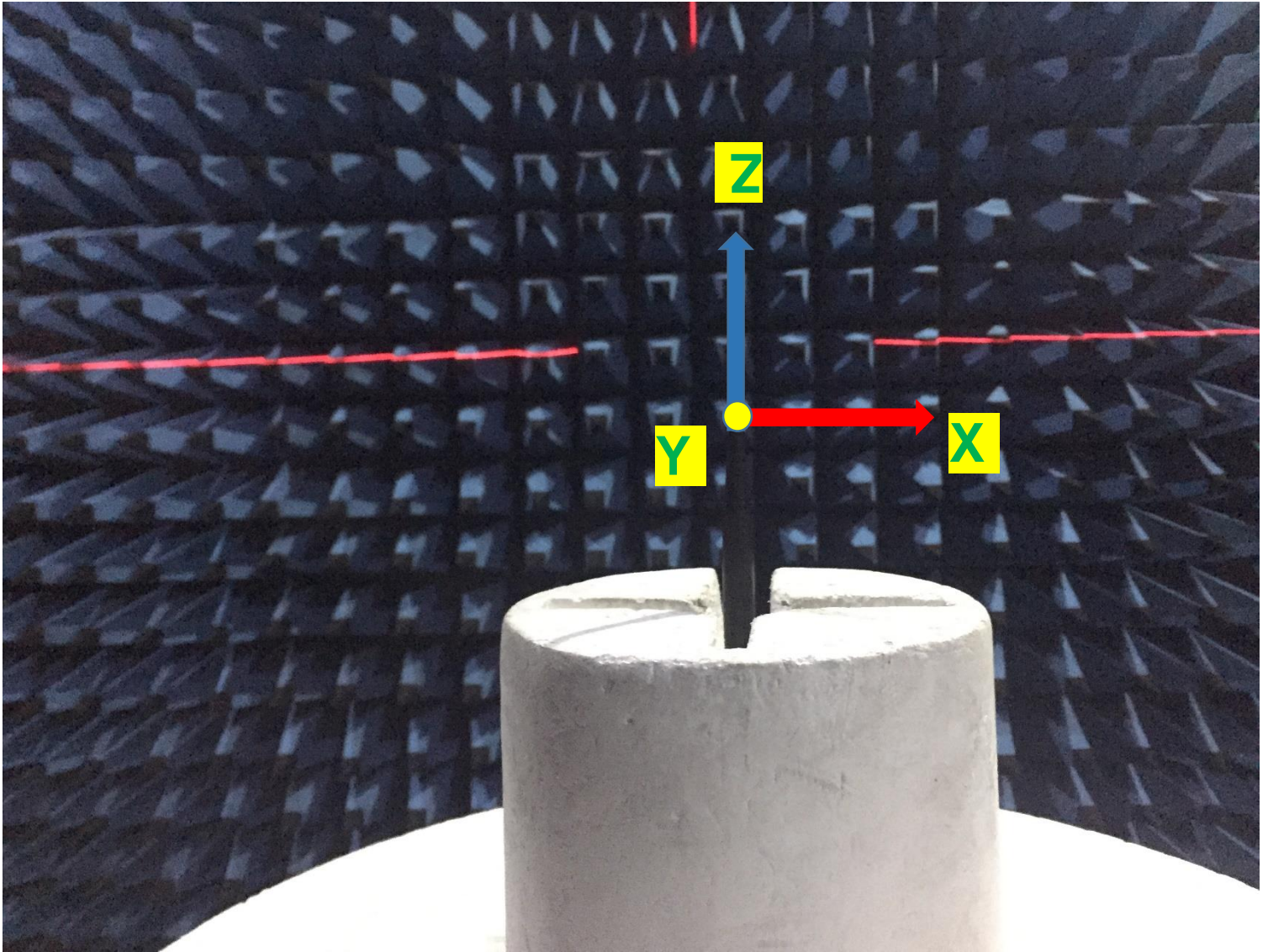
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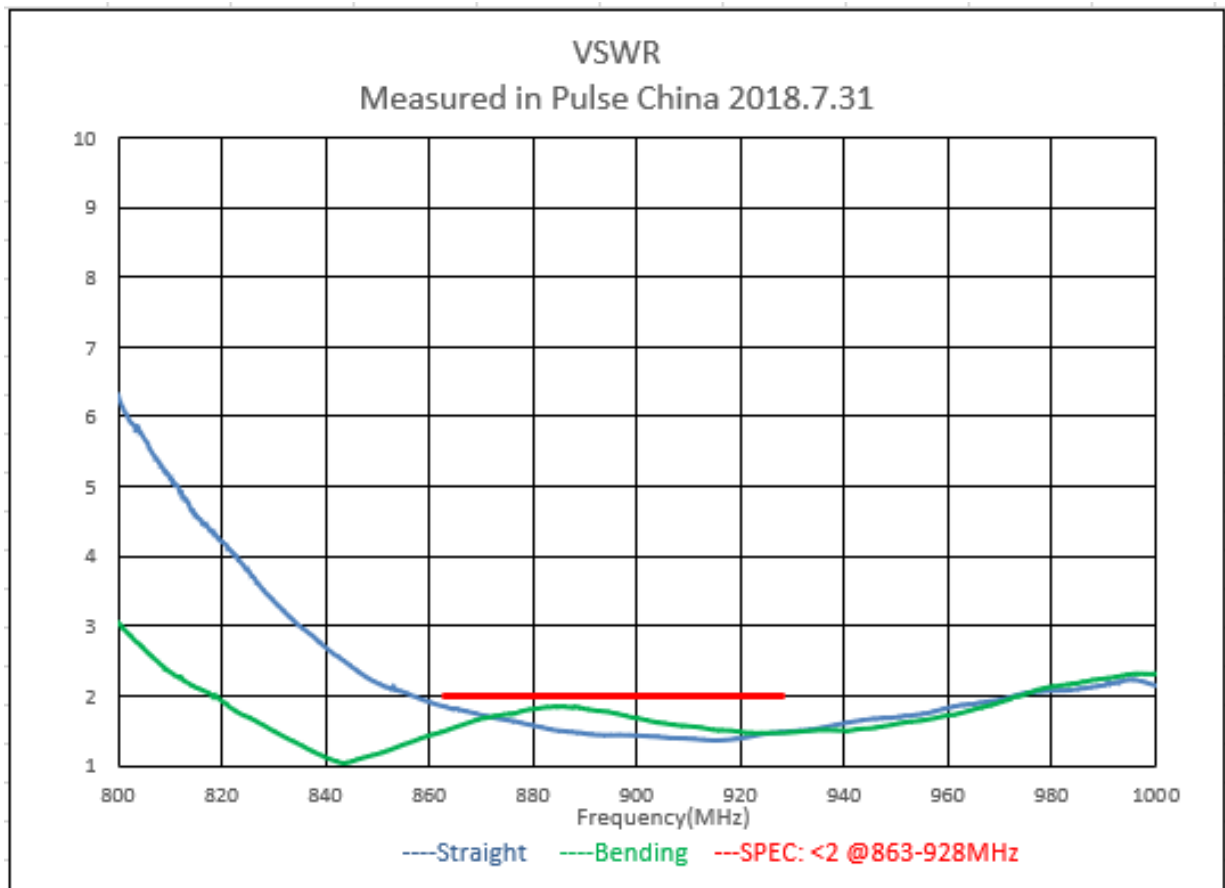
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## TEST SETUP



## CHARTS

### VSWR





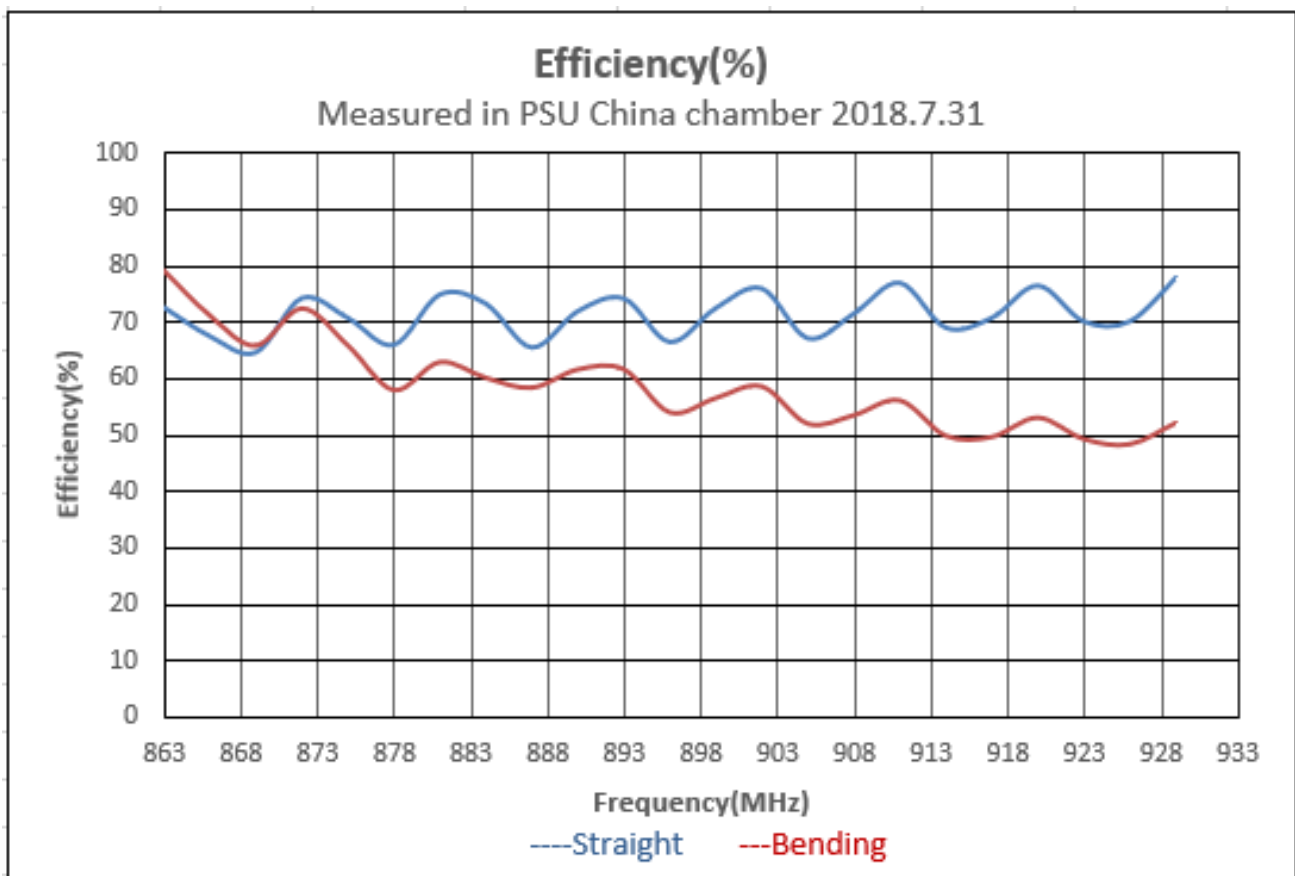
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## CHARTS

### Efficiency(%)



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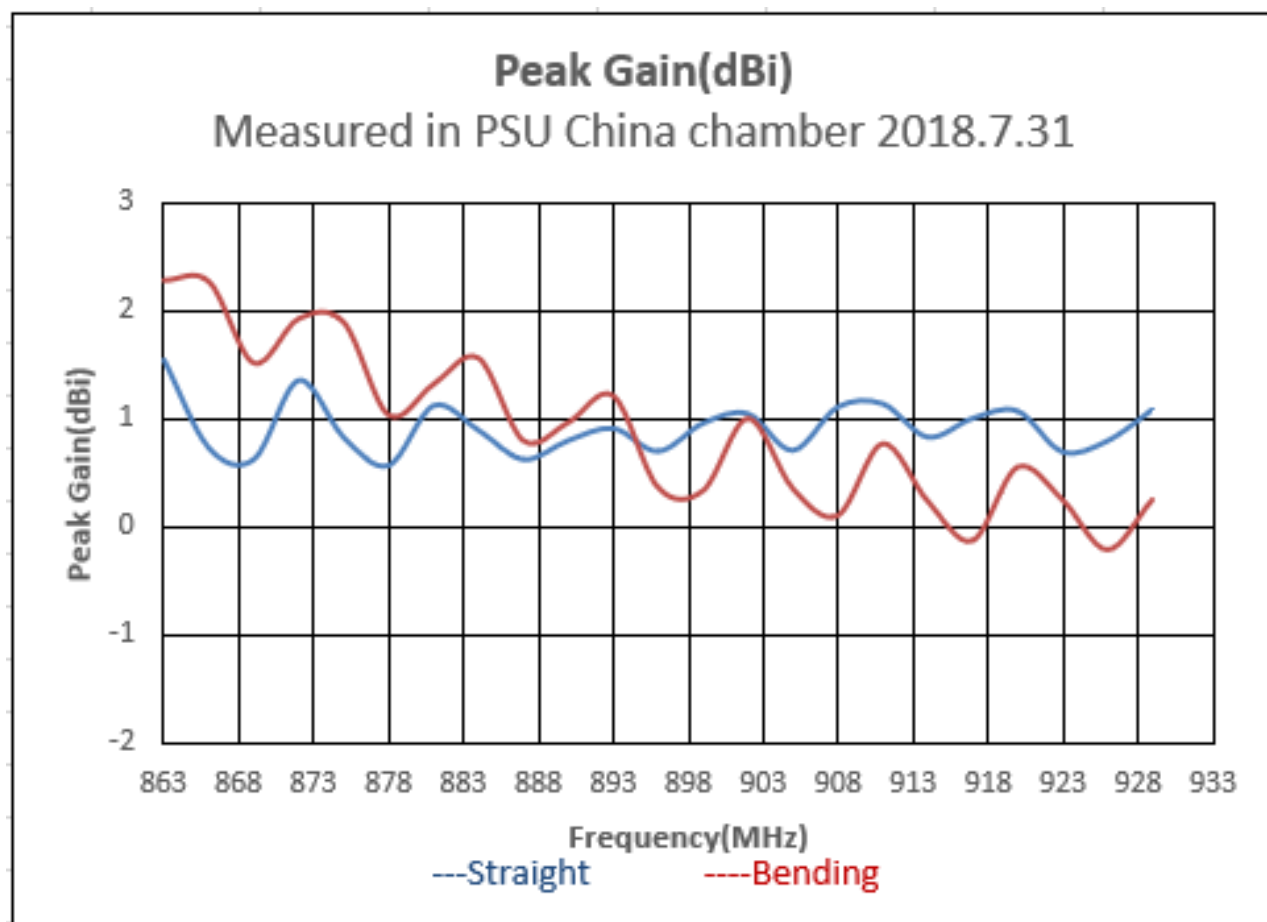
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## CHARTS

### Peak Gain (dBi)



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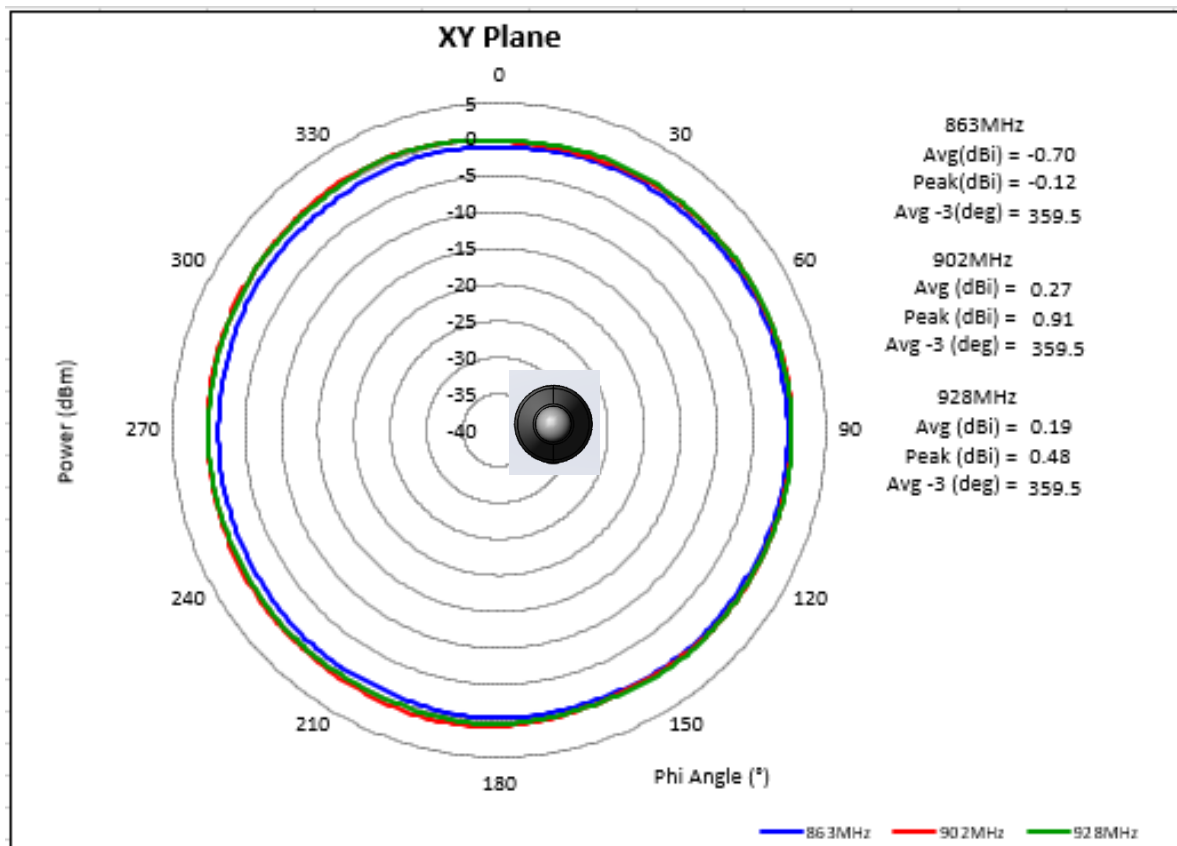
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## CHARTS

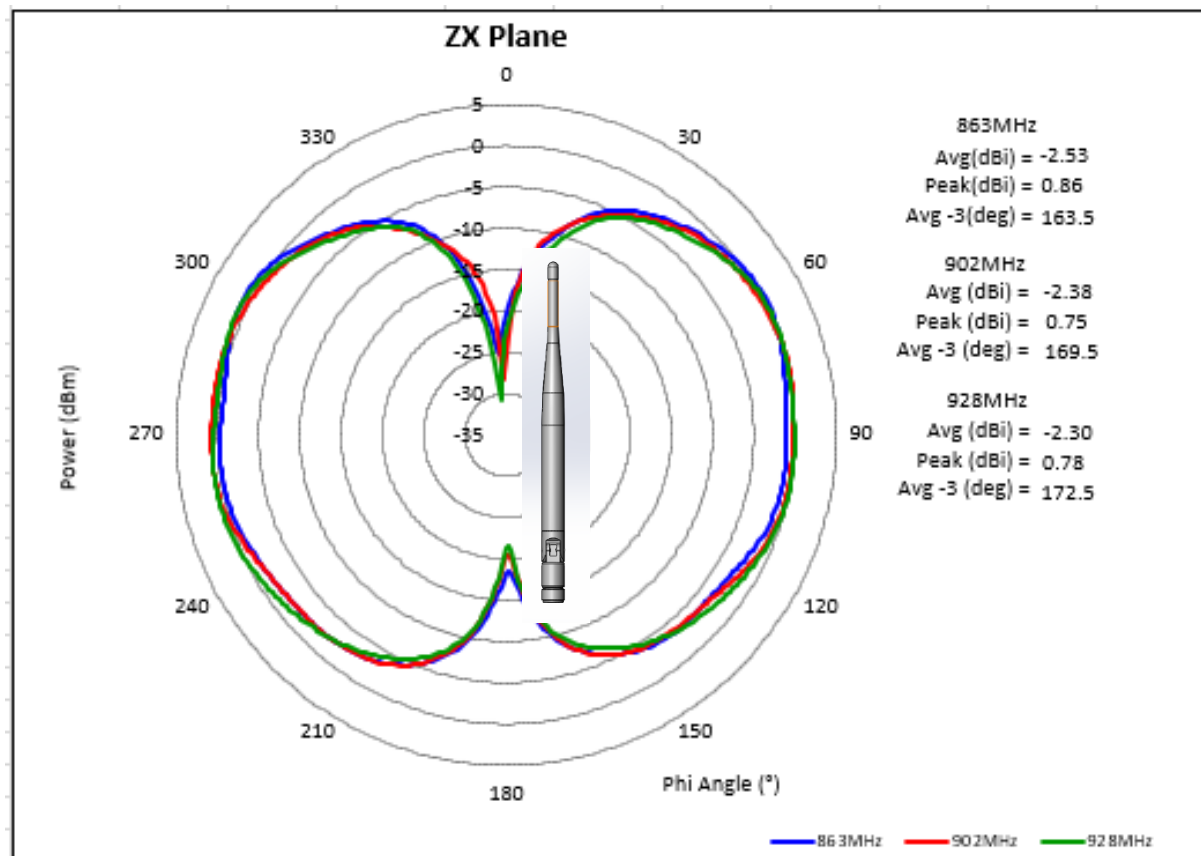
### Free space radiation pattern





## CHARTS

### Free space radiation pattern



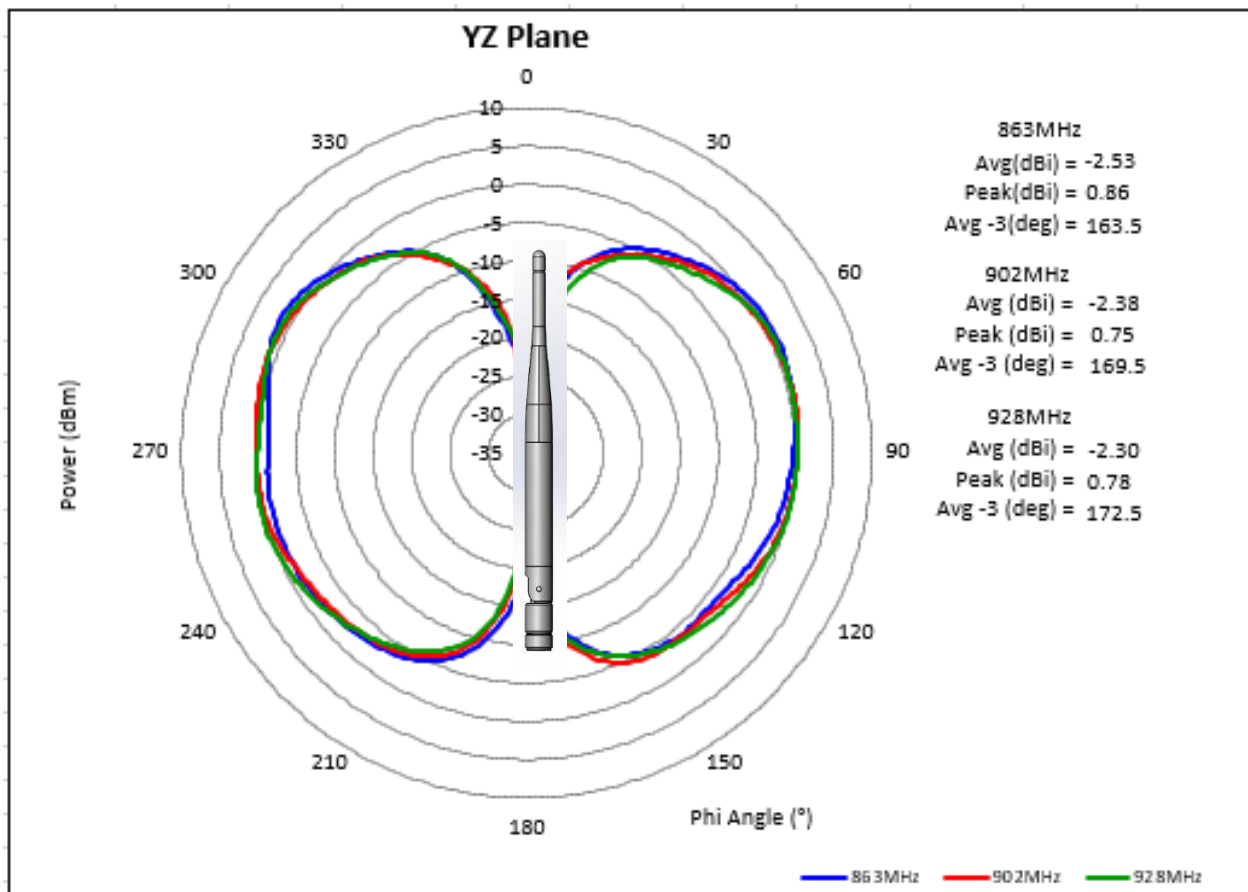
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## CHARTS

### Free space radiation pattern



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## PACKAGING

1PCS/PE BAG

250PCS/ carton box

Carton box dimensions (MM): 460x235x140

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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