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Pulse LARSEN Antennas

TECHNICAL DATA SHEET

Description: 868-928MHz Swivel Type dipole antenna

Series: Stick Antenna

PART NUMBER: W1063/ W1063M





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: 1837

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

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Tel: 86 512 6807 9998

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ELECTRICAL SPECIFICATIONS

Frequency	863-928 MHz
Nominal Impedance	50 Ω
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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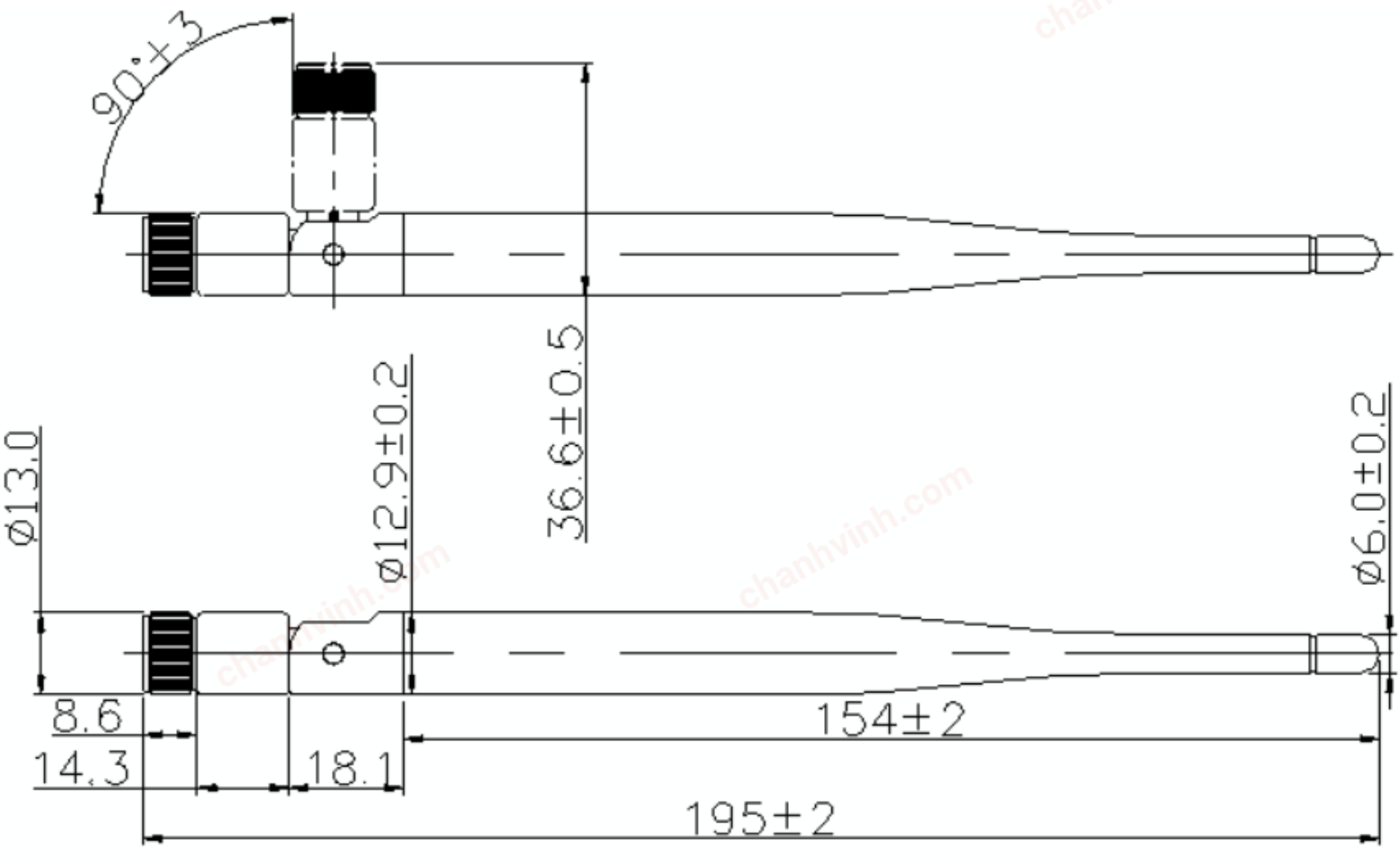
MECHANICAL DRAWING



All dimensions are in mm

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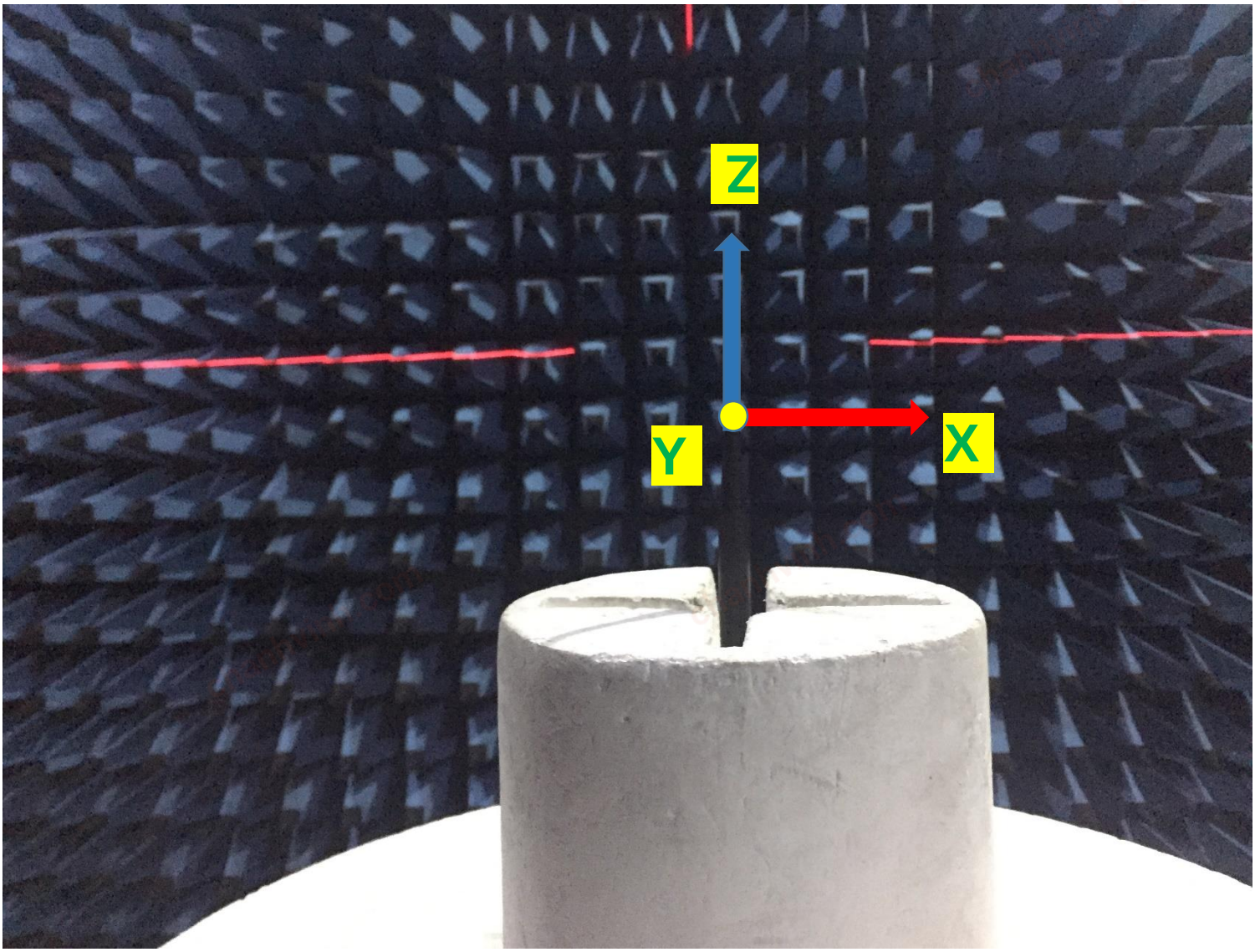
TEST SETUP



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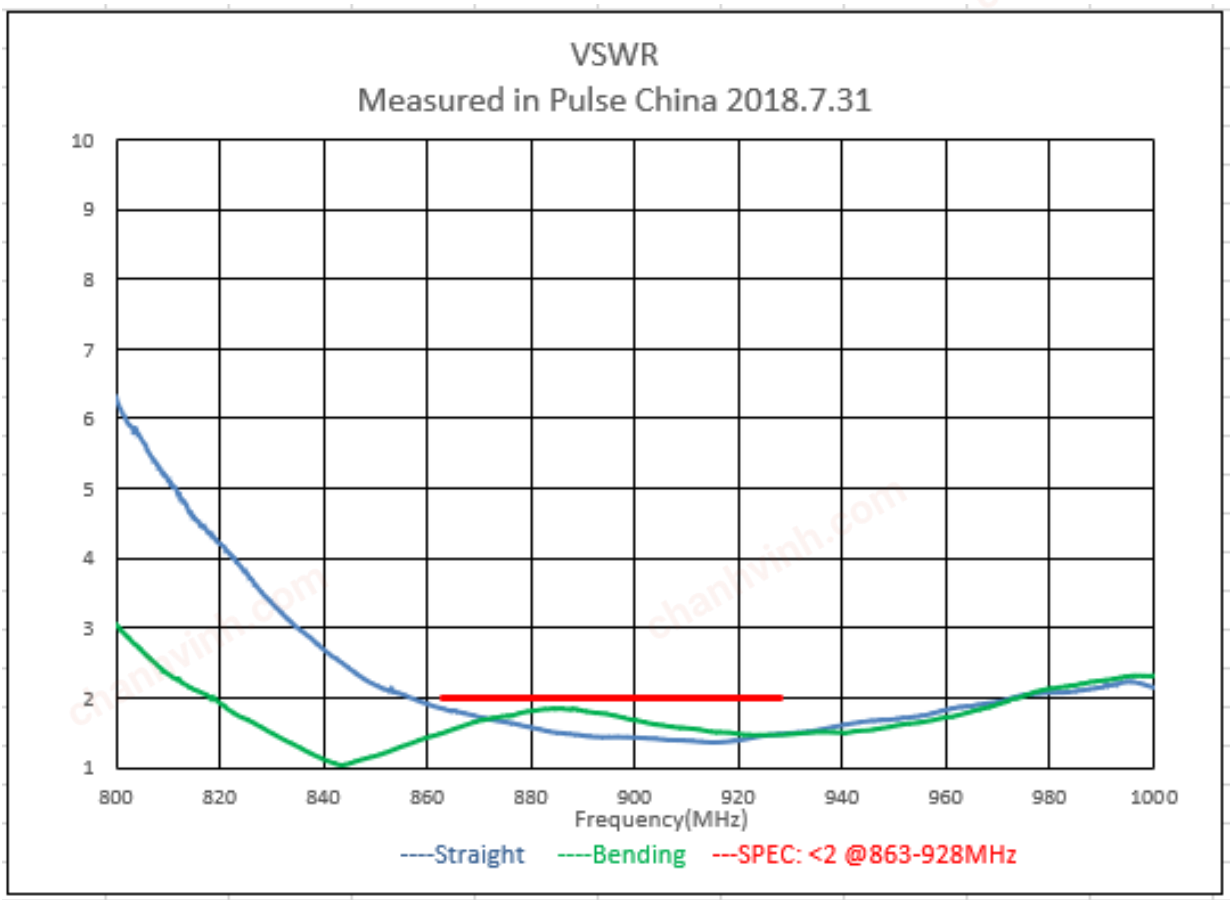
CHARTS

VSWR



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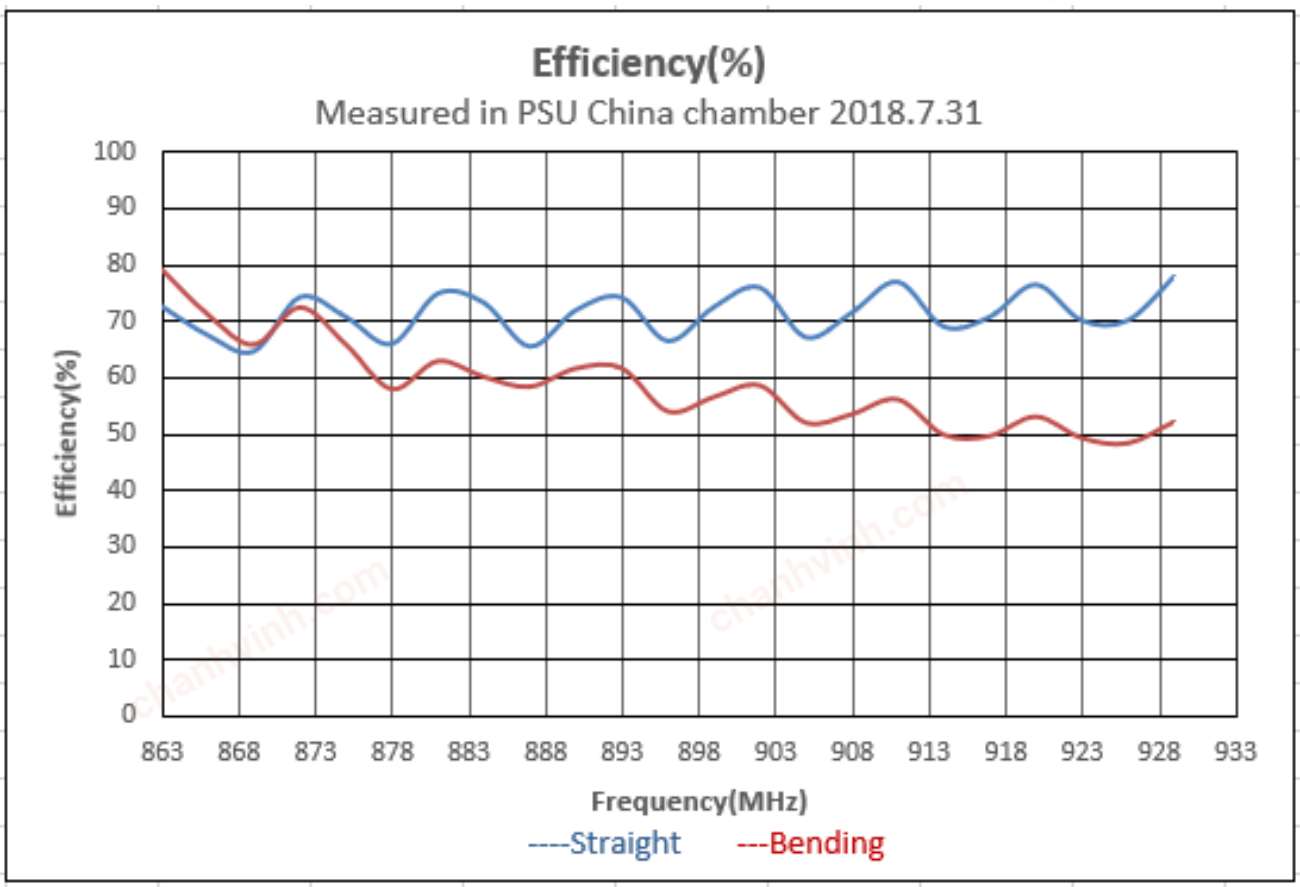
Efficiency(%)



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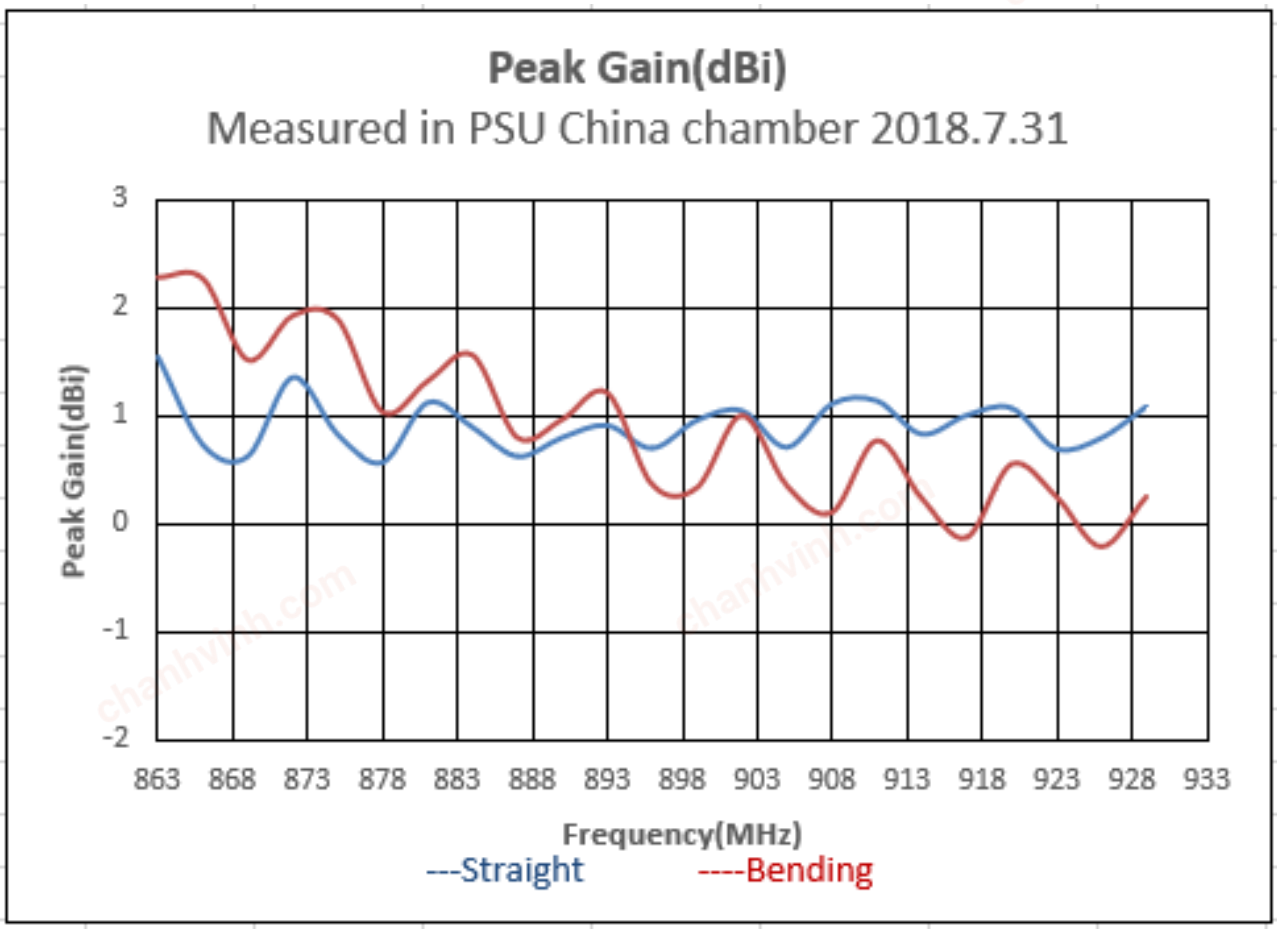
Peak Gain (dBi)



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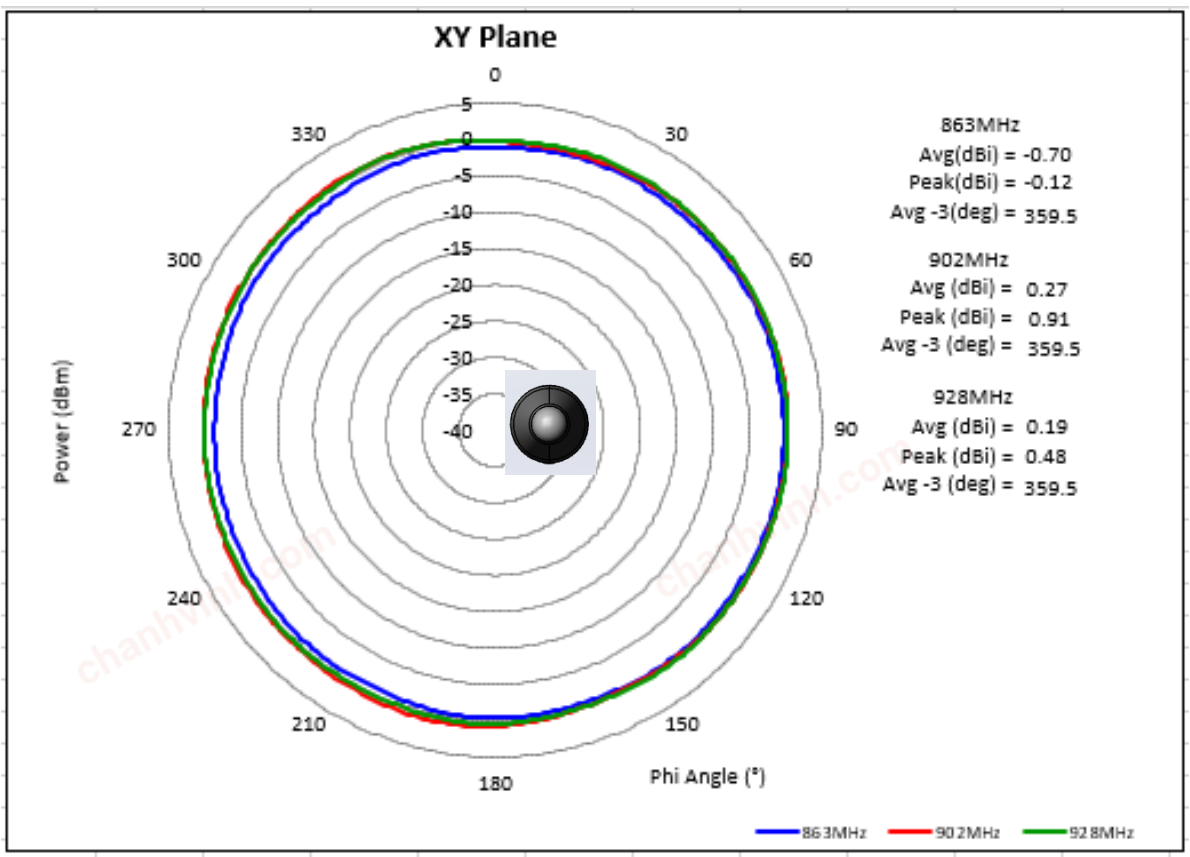
CHARTS

Free space radiation pattern



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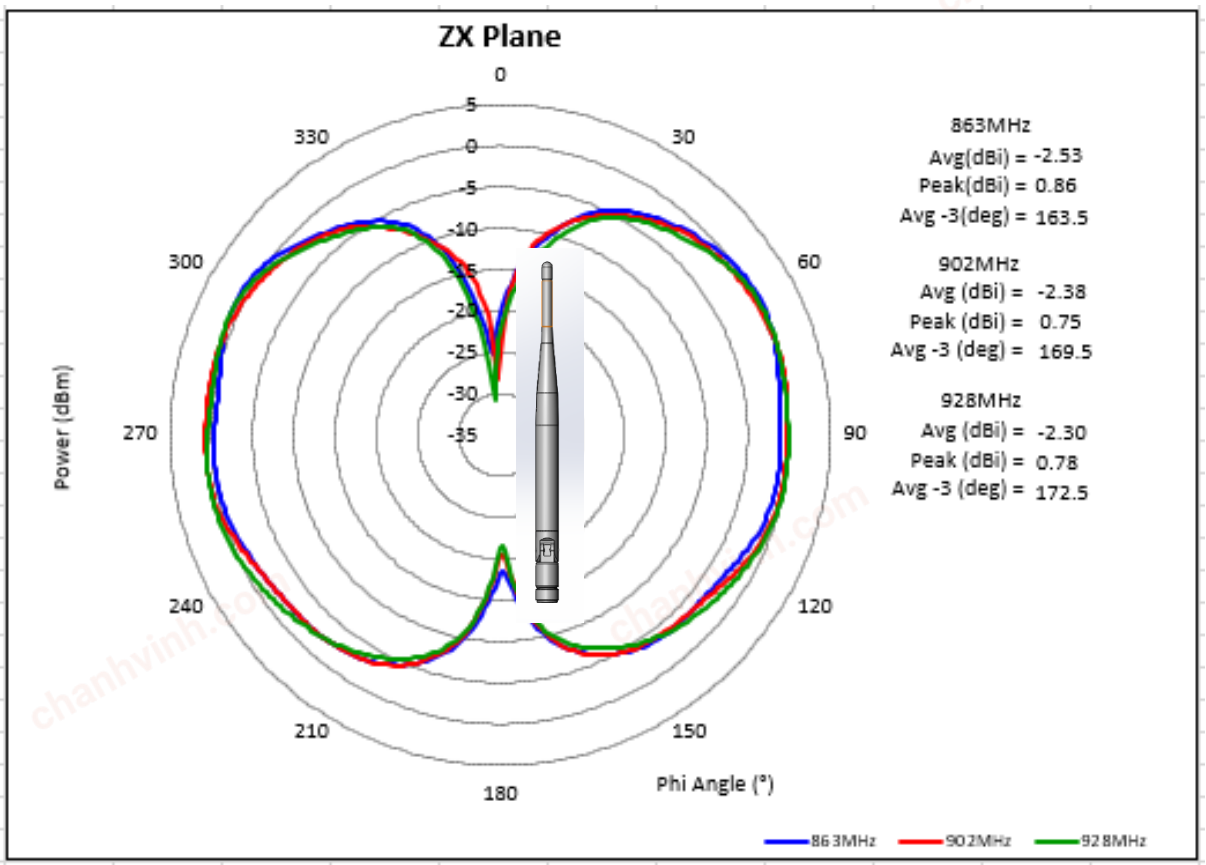

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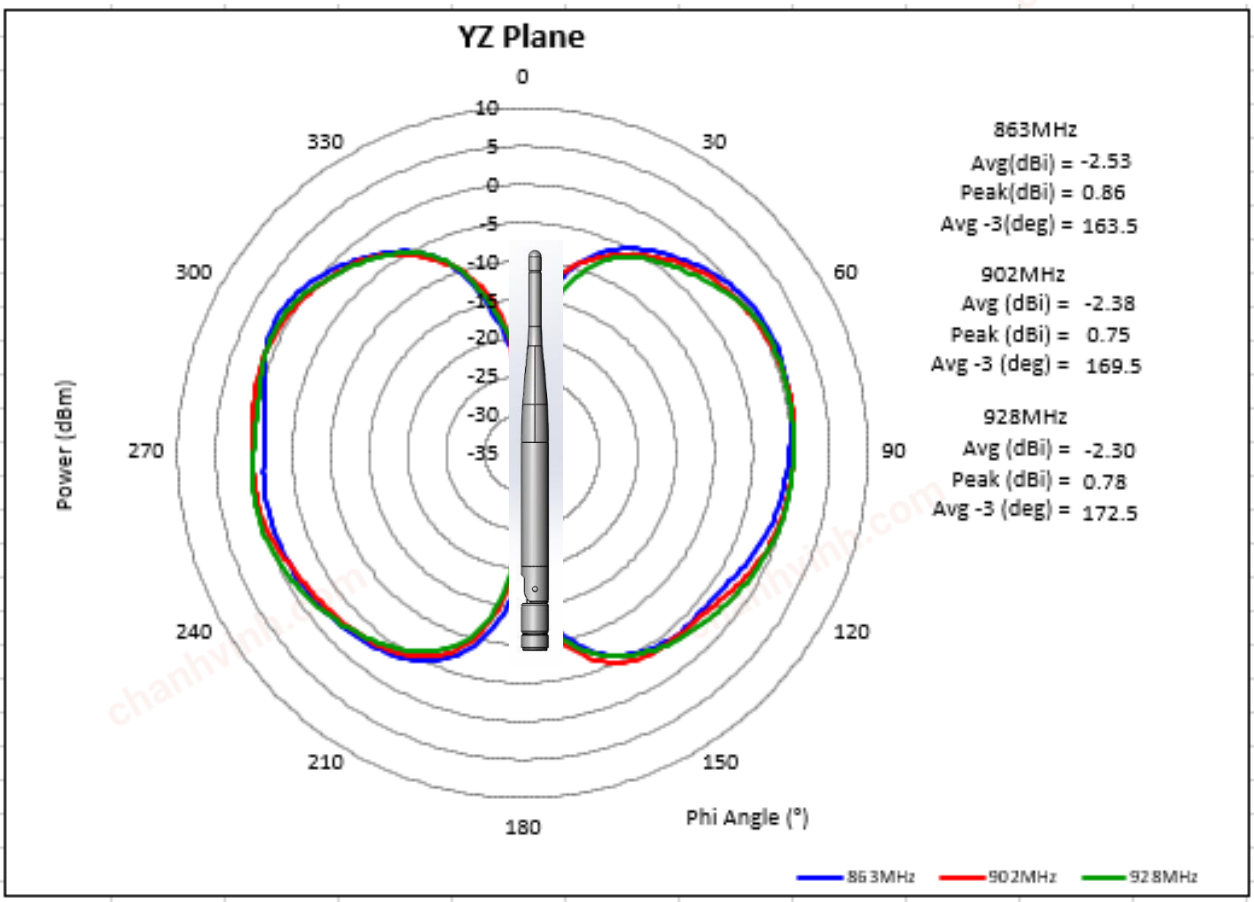

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PACKAGING

1PCS/PE BAG
250PCS/ carton box
Carton box dimensions (MM)：460x235x140

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