

Description: 3G Pentaband 824-2170MHz,
Right angle

PART NUMBER: W1900/W1902/W1900-M



W1900/W1902

Features:

- Small form factor monopole

- Antenna size W x L x H

W1900/W1902 (18.4 x 8.0 x 49.5mm)

W1900-M (22 x 11.4 x 50.5mm)

- Lead free materials

- RoHS Compliant Product

- Connector Type:

W1900/W1900-M SMA (male)

W1902 RP-SMA (male)



W1900-M

Applications:

- Penta band EU/US GSM/WCDMA

- Frequency range:

850 / 900 / 1800 / 1900/ 2100 MHz

- M2M Applications

All dimensions are in mm

Issue: 1715

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

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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



ELECTRICAL SPECIFICATIONS

Frequency	824-960MHz 1710-2170MHz
Nominal Impedance	50Ω
Return Loss	-4dB 824-960MHz -6dB 1710-2170MHz
Peak Gain	1dBi 824-960MHz 2dBi 1710-2170MHz
Efficiency	52%
Radiation Pattern	Omni
Polarization:	Linear
Power withstanding	5W

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MECHANICAL SPECIFICATIONS

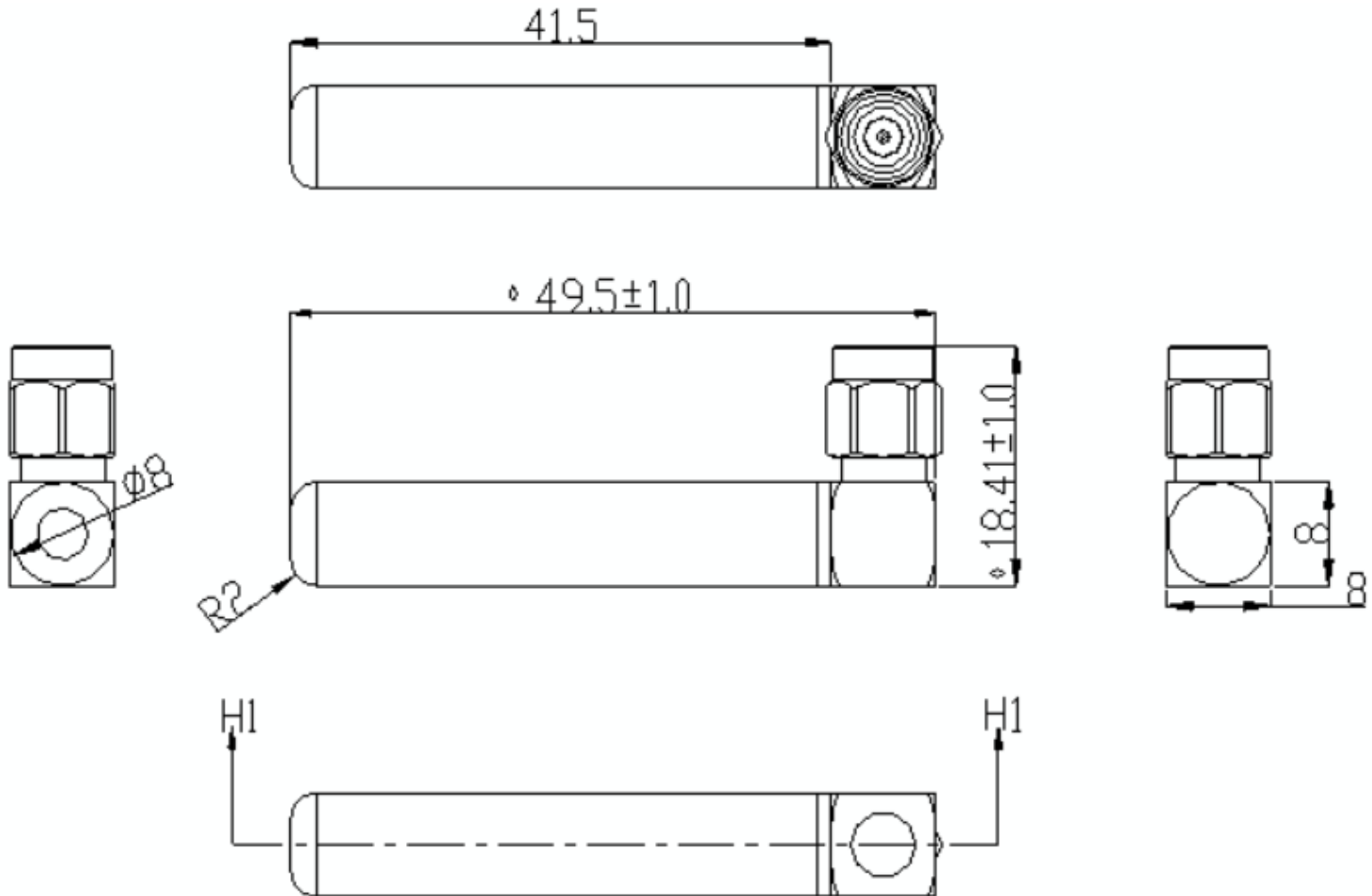
Weight	W1900/W1902 11.07g W1900-M 11.1g
Antenna Color / Material	Black
Connector type	W1900/W1900-M SMA(Male) W1902 RP-SMA(Male)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30/+75 ° C
Storage Temperature	-30/+75 ° C
Ingress Protection	IP65(W1900-M)
Wind-loading	100km/h
RoHS Compliant	Yes

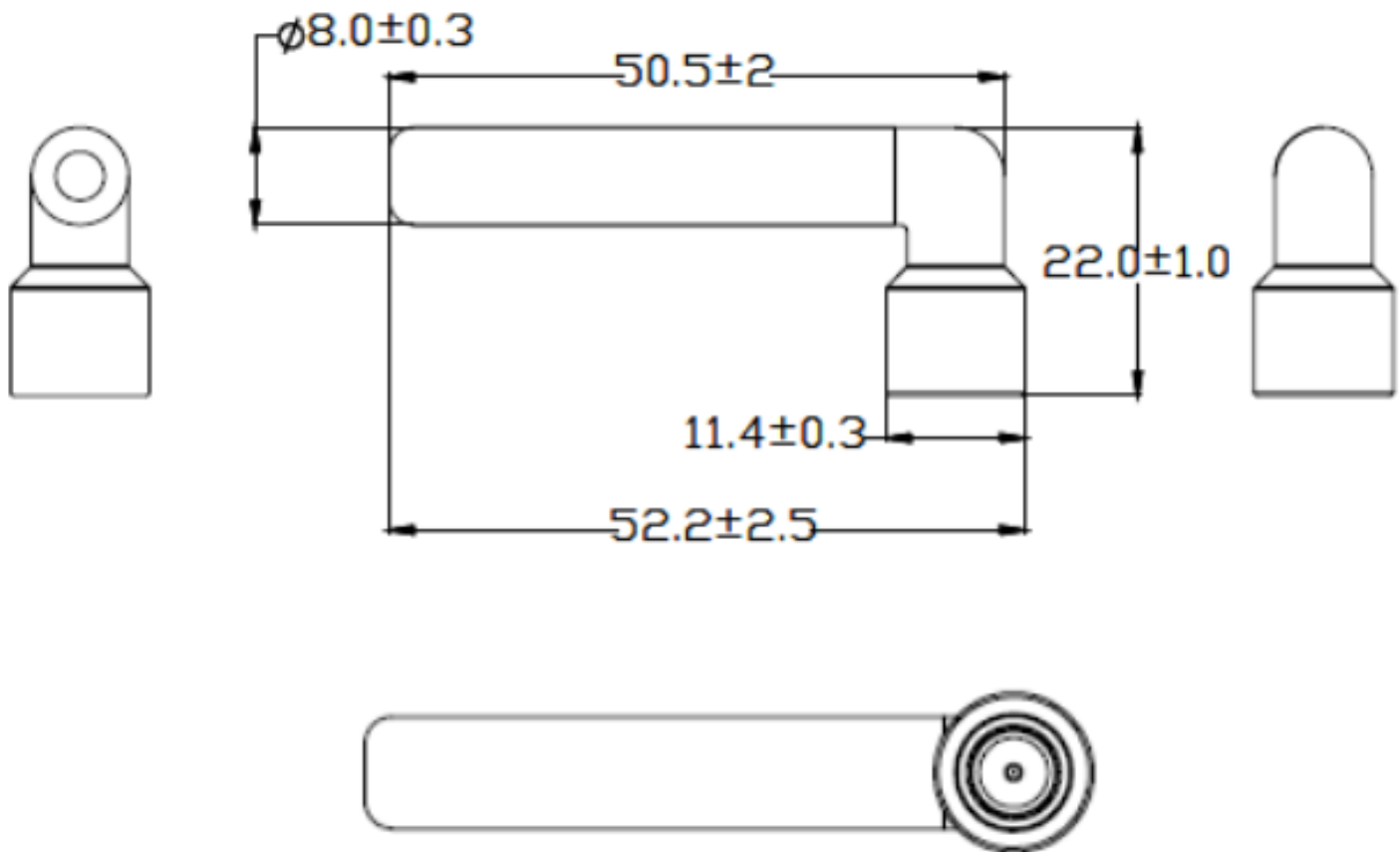
MECHANICAL DRAWING

W1900/W1902



MECHANICAL DRAWING

W1900-M



Issue: 1715

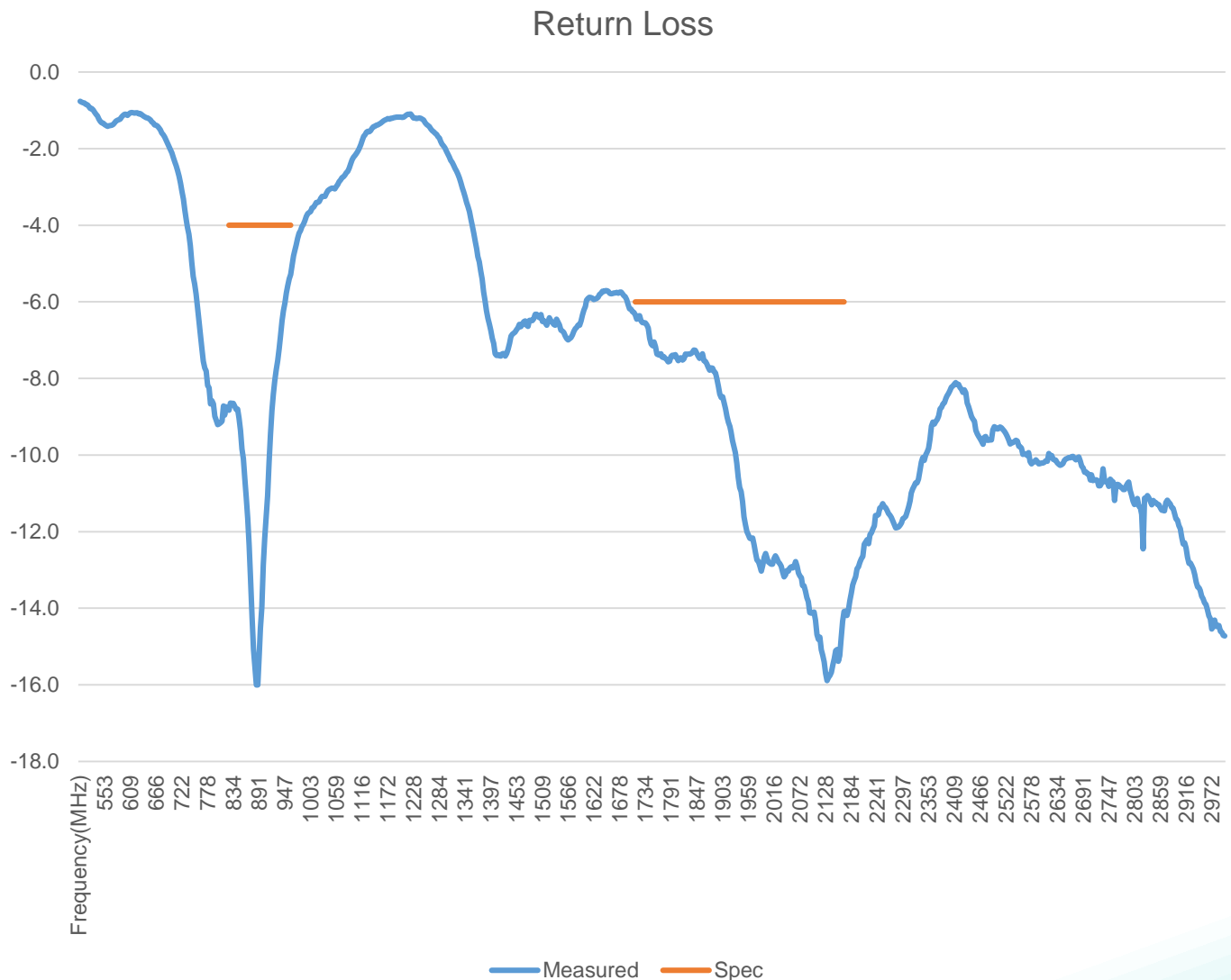
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CHARTS

Return Loss



Issue: 1715

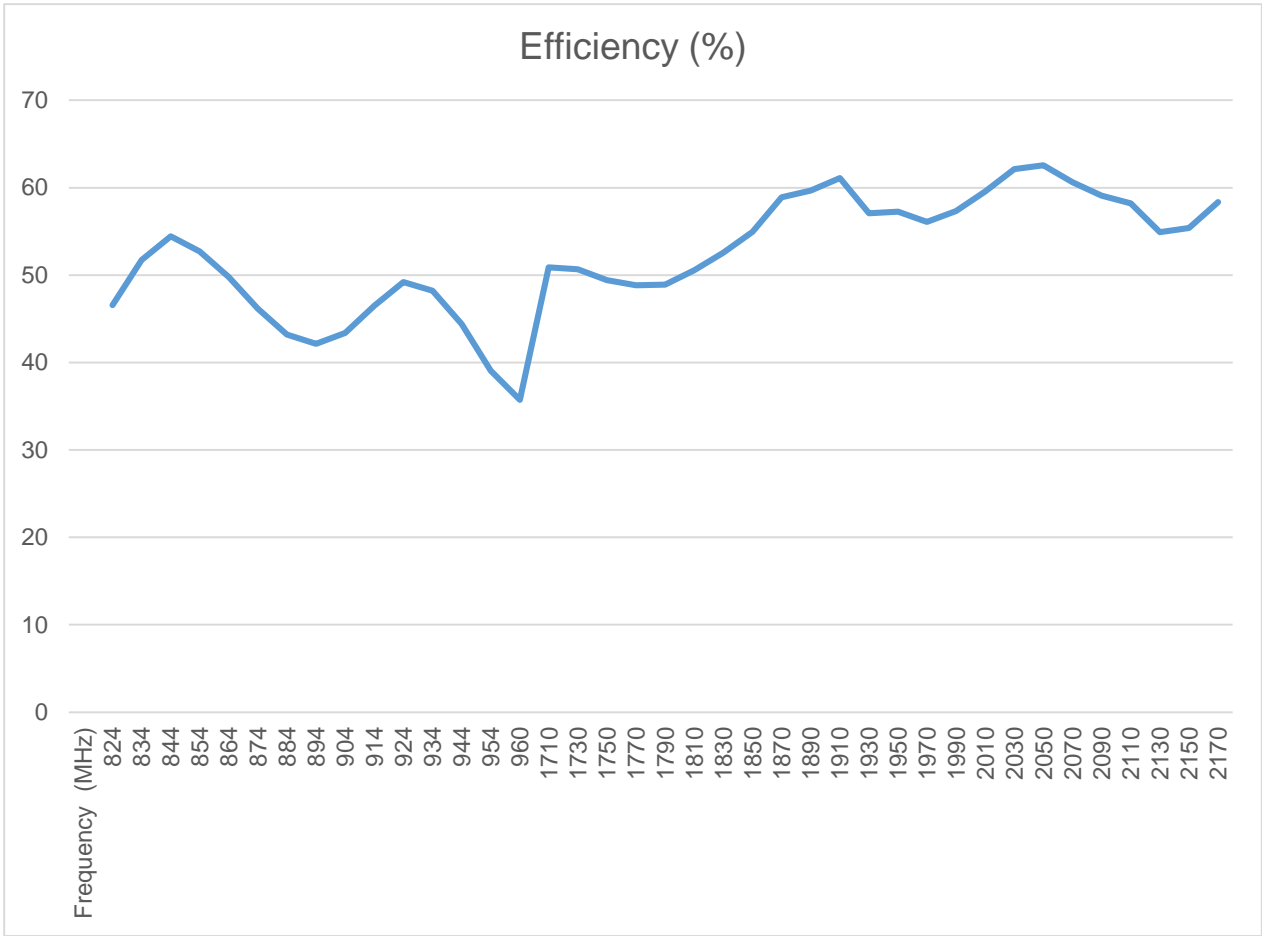
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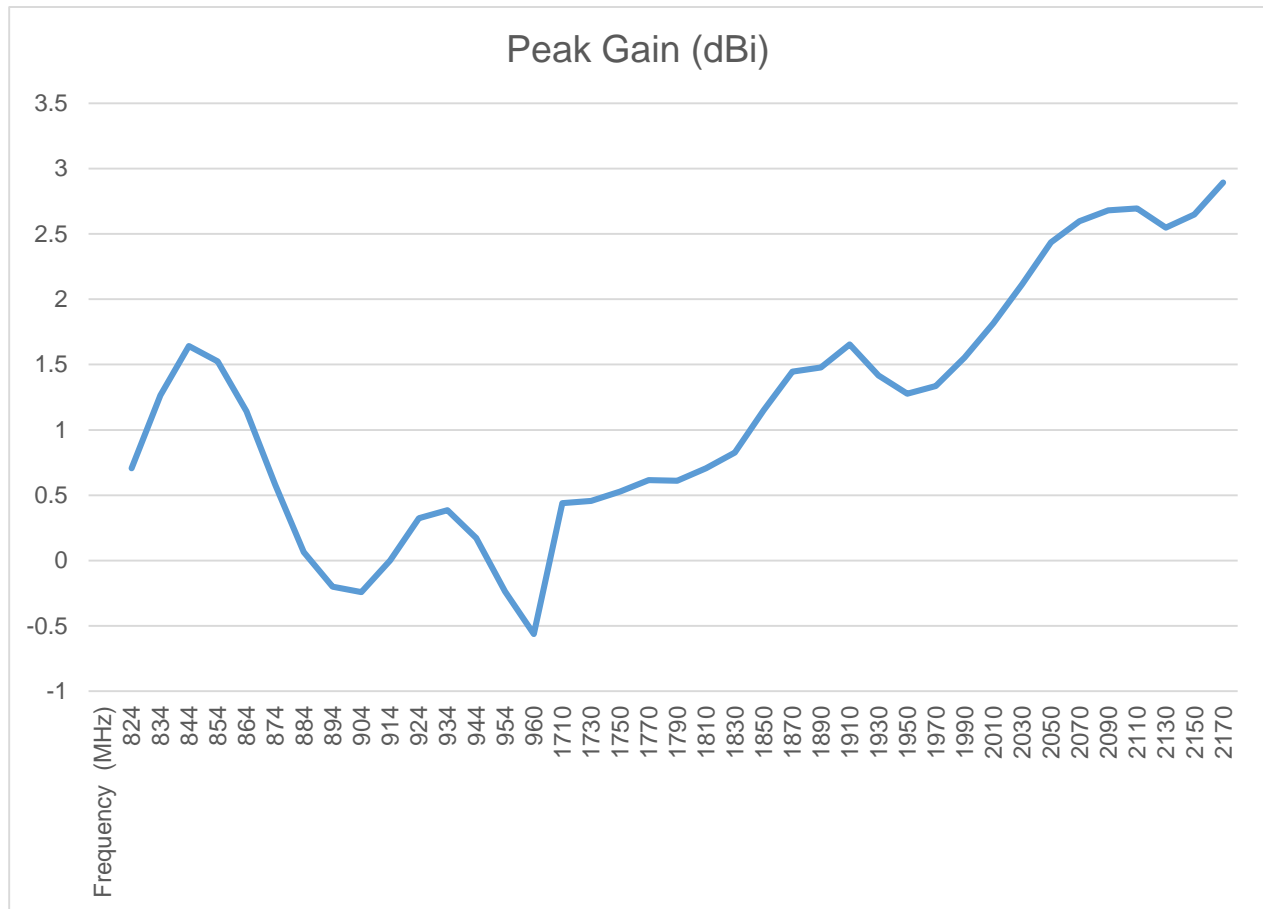
CHARTS

Efficiency(%)



CHARTS

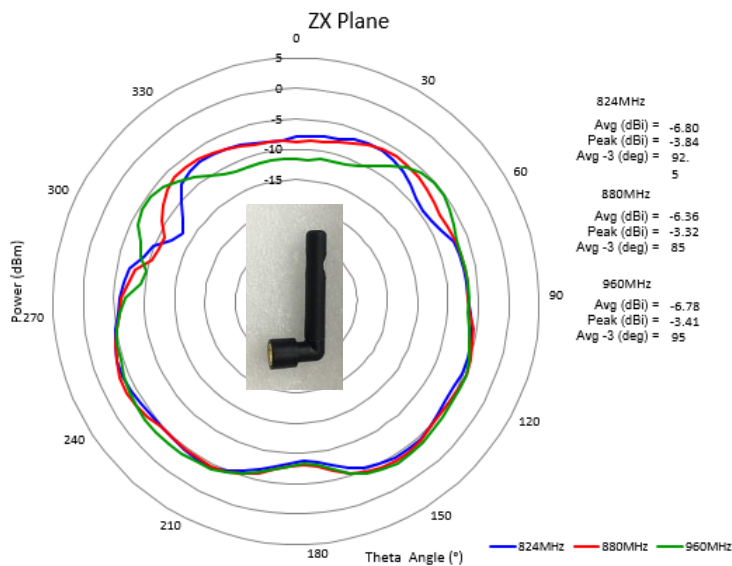
Peak Gain (dBi)



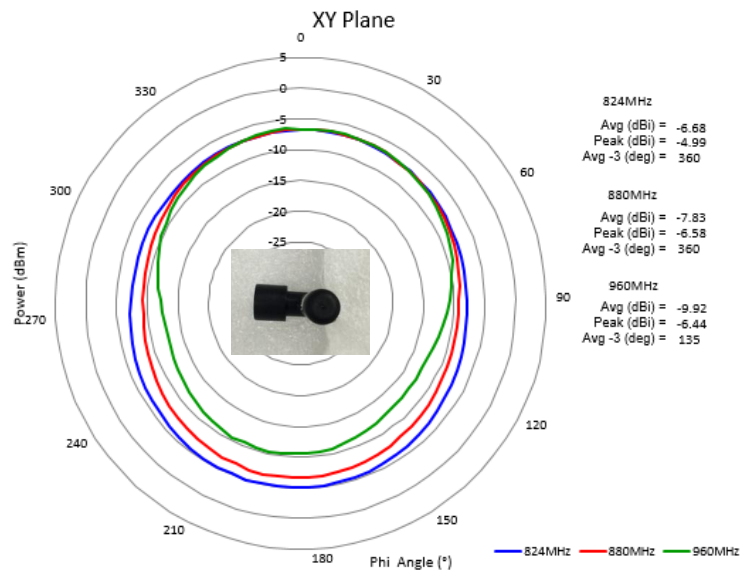
CHARTS

Free Space Radiation Pattern

Elevation Plane



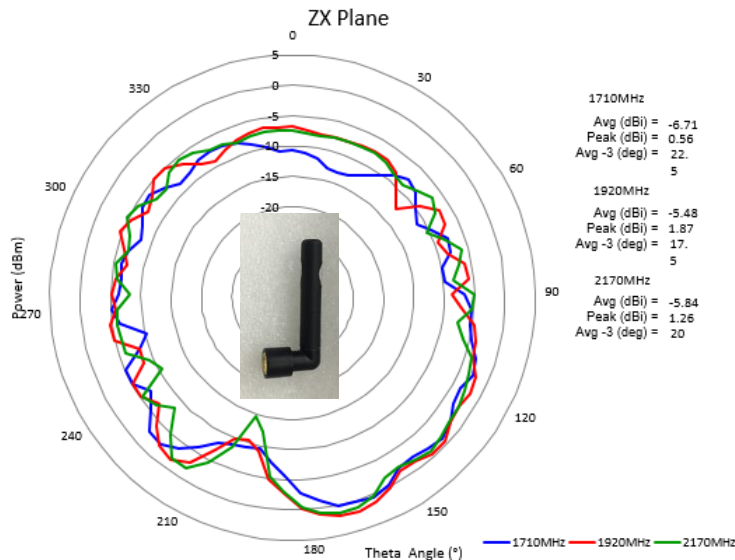
Horizontal Plane



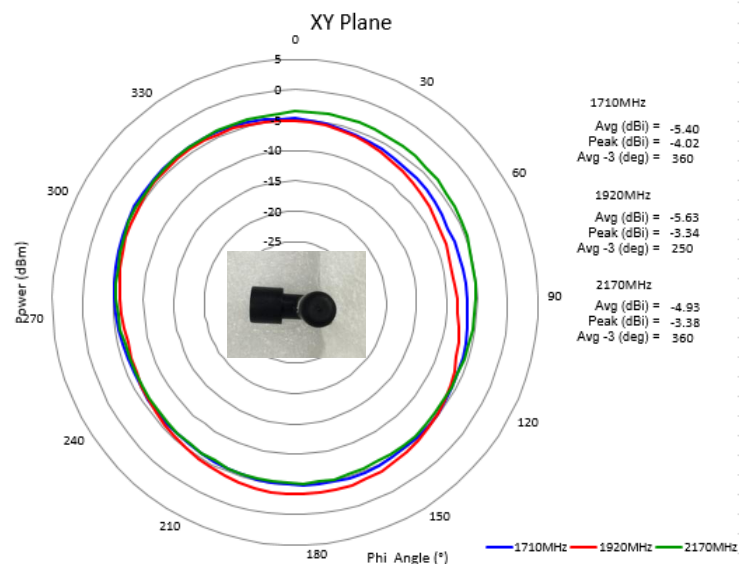
CHARTS

Free Space Radiation Pattern

Elevation Plane



Horizontal Plane



PACKAGING

1pcs antenna per PE bag

18pcs PE bags per tray

14pcs trays per package box (2pcs empty tray)

216pcs per package box

Package box: 460mm*235mm*140mm

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.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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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