

Series: Stick Antenna

Description:

779-787MHz RA Stick Monopole – SMA-M

PART NUMBER: W1079



Features:

- Frequency 779 - 787 MHz
- Gain 0 dBi
- Length 128 mm
- Connector SMA-Male
- IP42
- RoHS Compliant

Applications:

- China ISM radios operating on 779 – 787 MHz license free band
- Indoor use
- Remote controls
- Surveillance, Monitoring
- Industry automation
- IoT

All dimensions are in mm / inches

Issue: 1850

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

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PART NUMBER: W1079**ELECTRICAL SPECIFICATIONS**

Antenna Type	Monopole
Frequency	779 - 787 MHz
Nominal Impedance	50 Ω
VSWR	2 (MAX)
Radiation Pattern	Omni
Gain	0 dBi (Typical)
Efficiency	55 % (Min)
Polarization	Vertical
Power Withstanding	5 W

MECHANICAL SPECIFICATIONS

Overall Length	128 mm
Weight	14.6 g
Antenna Color	Black
Connector type	SMA Male R/A

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40~+85 °C
Storage Temperature	-40~+85 °C
Ingress Protection	IP42
RoHS Compliant	Yes

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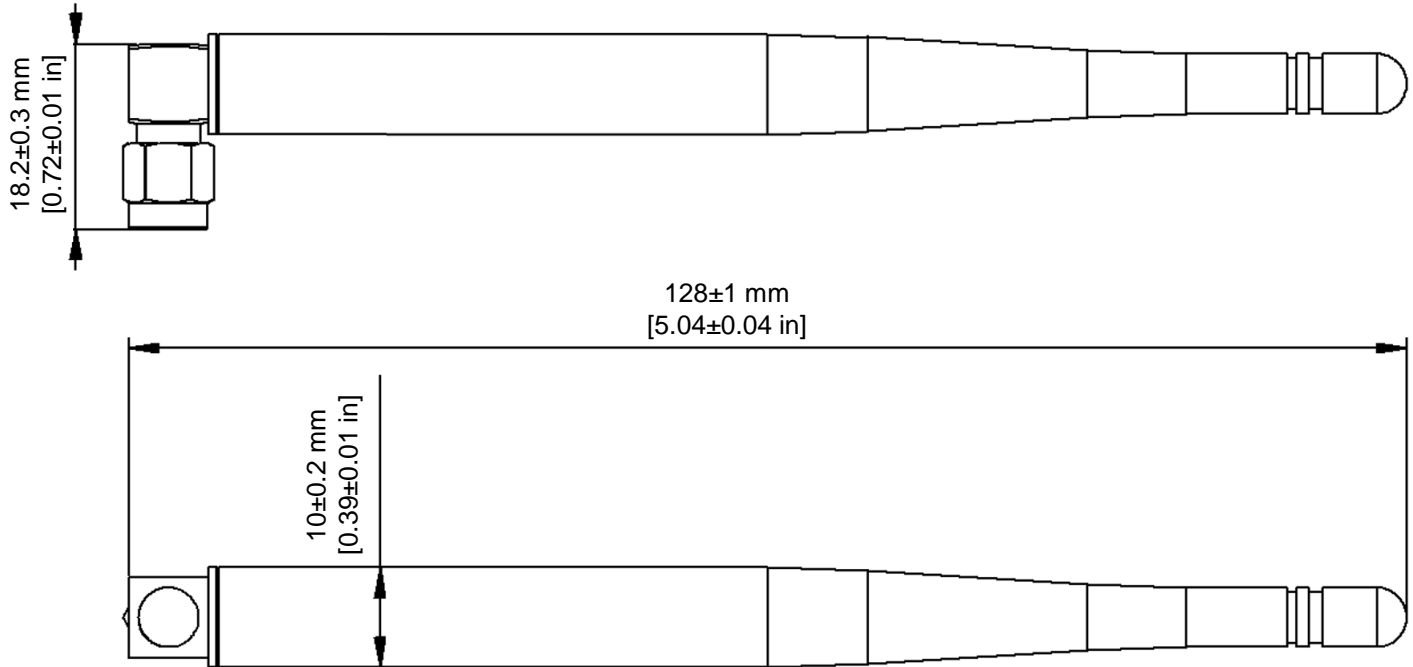
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MECHANICAL DRAWING



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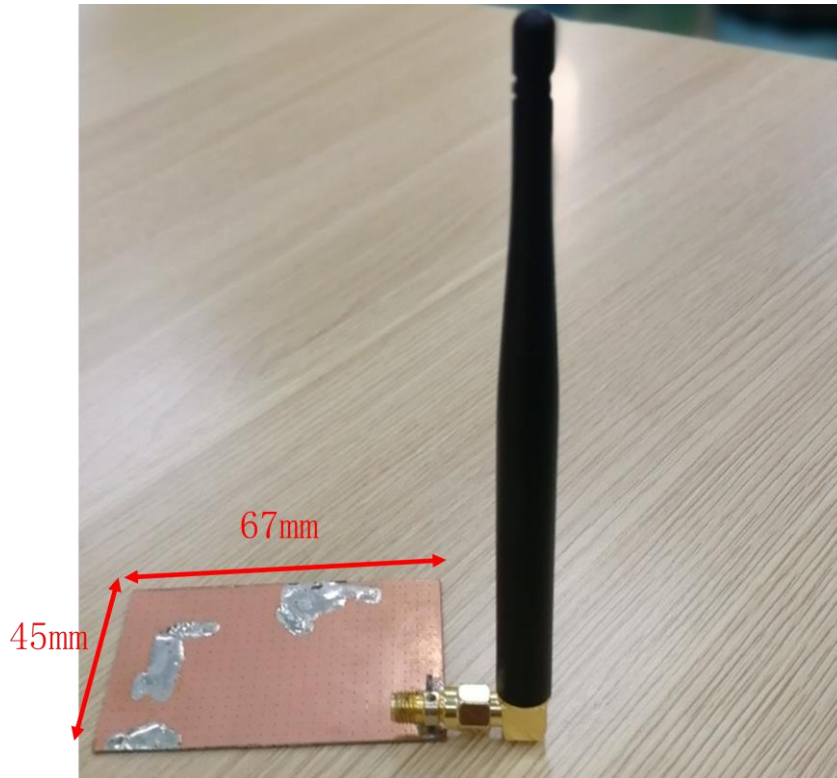
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TEST SETUP



Test with a 45mm*67mm ground plane in free space.

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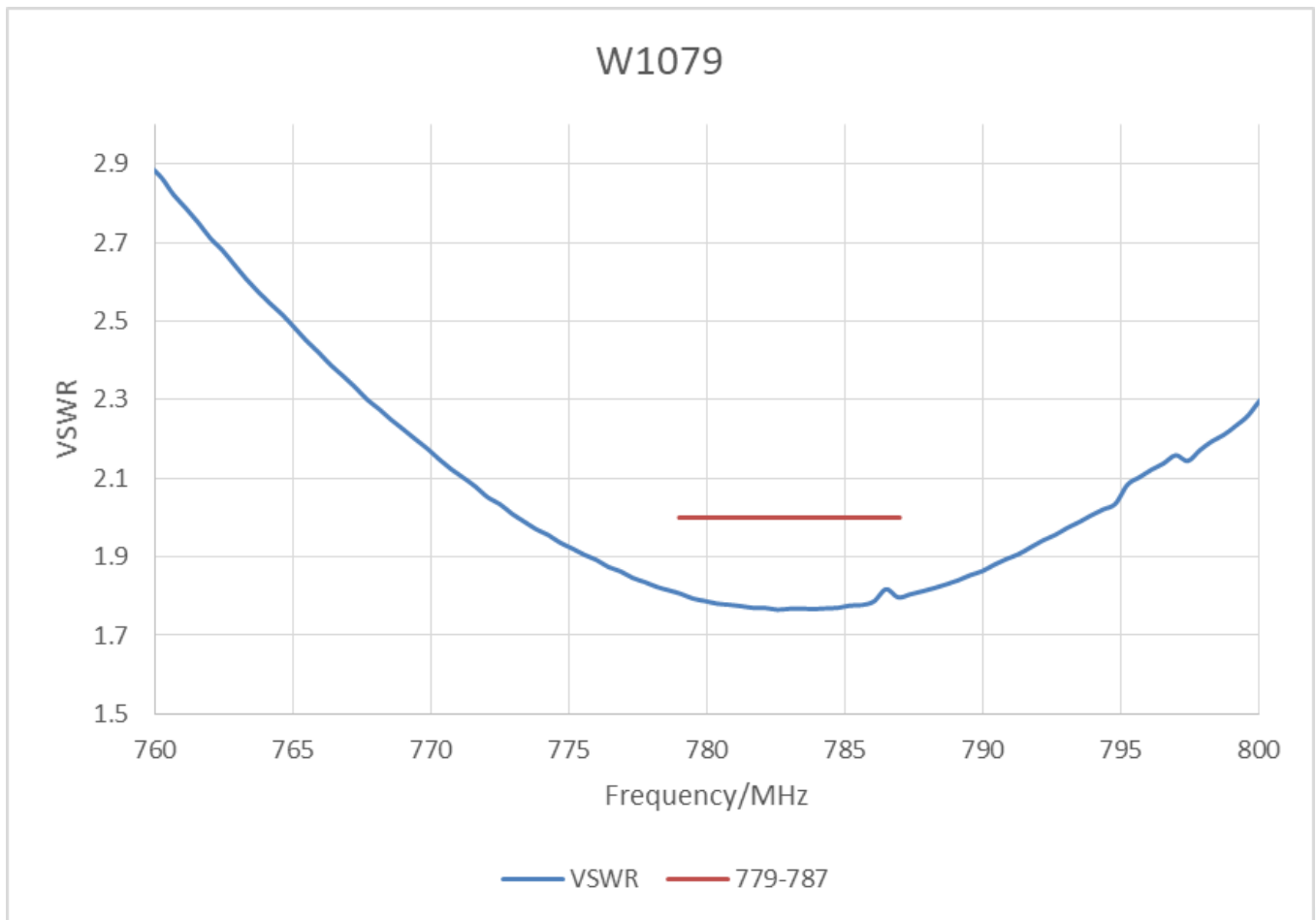
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CHARTS

VSWR vs Frequency



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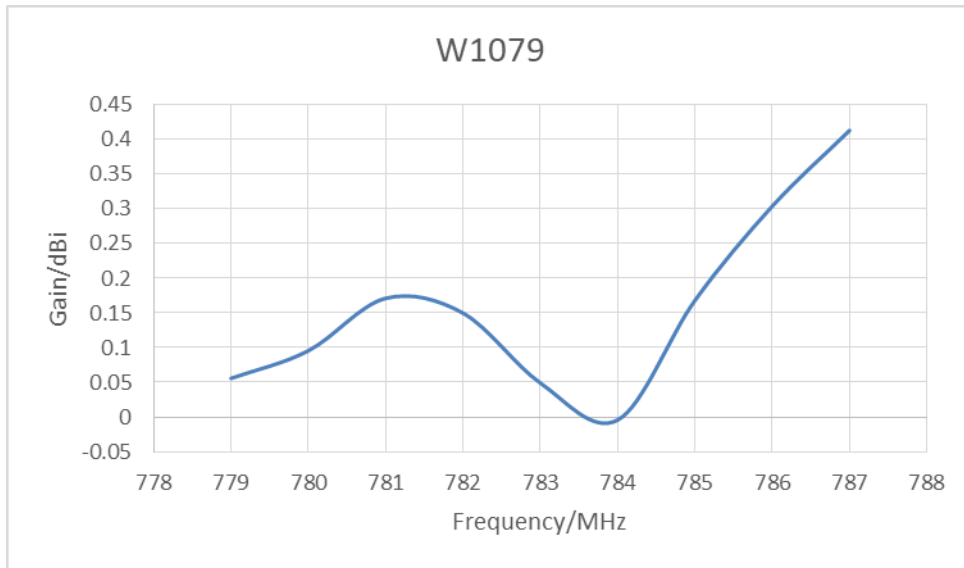
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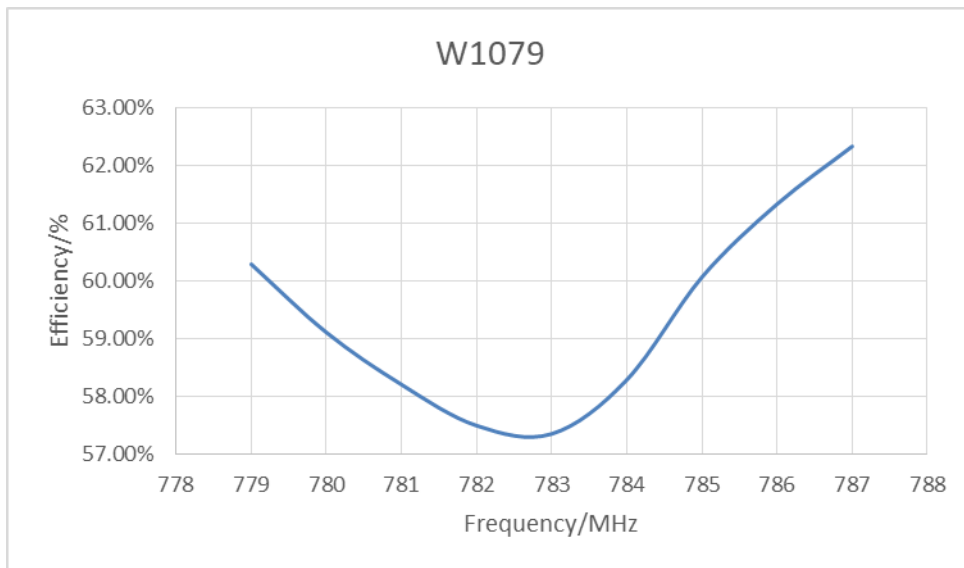
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CHARTS

Peak Gain



Radiation Efficiency



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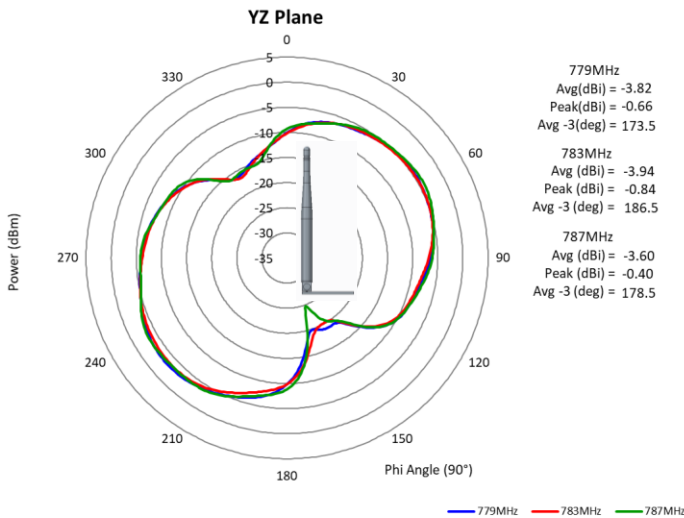
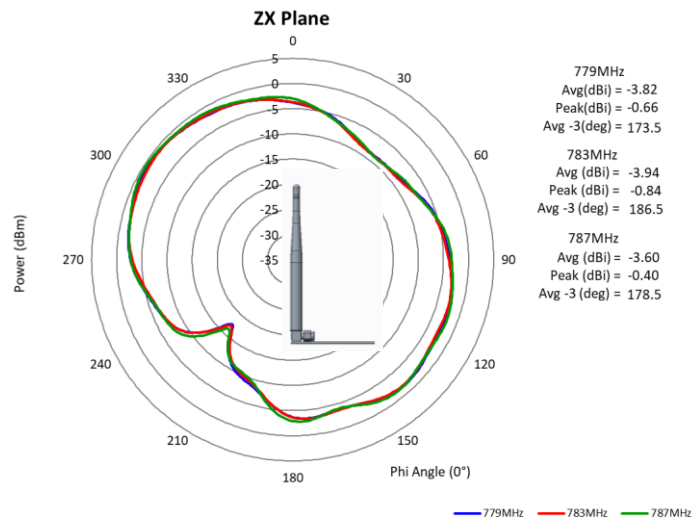
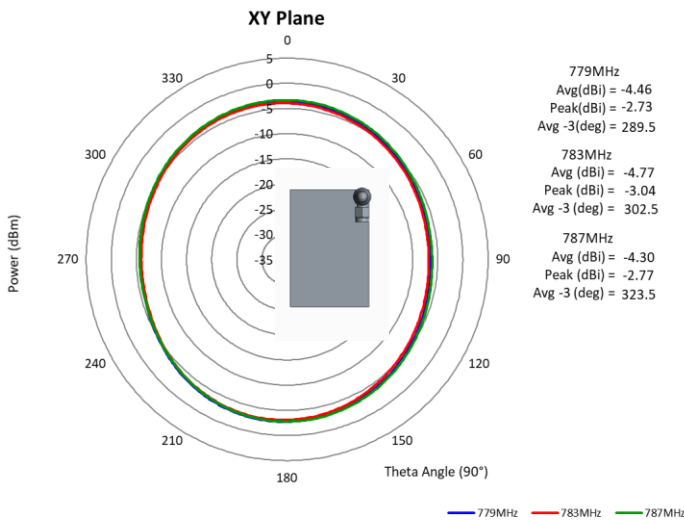
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CHARTS

Radiation Pattern 2D



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PACKAGING

20PCS / PE Bag, 800PCS / Box

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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