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# Digi XBee 3 North America LTE Cat 1 Regulatory Firmware Release Notes

## Digi XBee 3 North America LTE Cat 1 REGULATORY FIRMWARE

### Version F1521 (March, 2026)

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## INTRODUCTION

These are the release notes for Digi XBee 3 North America LTE Cat 1 REGULATORY FIRMWARE.

This firmware is intended to be used for regulatory compliance testing.

This firmware has a restricted set of features. Only features required for testing and updating the XBee are available.

**This firmware is provided for regulatory and emissions testing only and must not be used in production devices. Use of this firmware beyond regulatory testing is not authorized or supported, and will void the products warranty.**

## SUPPORTED PRODUCTS

- [Digi XBee 3 North America LTE Cat 1](#)

## KNOWN ISSUES

1. N/A

## UPDATE CONSIDERATIONS

### CELLULAR MODEM HARDWARE COMPATIBILITY

This firmware release (41521) adds support for Cinterion PLS63-X cellular module modem firmware version 02.110 and later. Cinterion cellular module firmware does not support downgrade operations. Once upgraded to modem firmware version 02.110 or later, downgrade to older modem firmware versions is not possible.

Installing XBee firmware 41521 sets **AT%C** to 4, which prohibits subsequent installation of XBee firmware

41520 and older. This prevents downgrading the XBee firmware to versions that do not support the newer modem firmware, thereby preventing the modem firmware from becoming out of sync with the XBee firmware.

**IMPORTANT:** Modem firmware downgrade is not supported on Cinterion modems. Ensure you are ready to commit to the newer modem firmware version before upgrading.

You can check the **AT%C** value; XBee modules with **AT%C** = 4 can only run XBee firmware version 41521 or newer.

## UPDATE BEST PRACTICES

This firmware is used for regulatory testing, but can still be updated to and from through XCTU or Digi Remote Manager.

Digi recommends Digi Remote Manager for automated device updates. For more information, go to <https://www.digi.com/products/iot-platform/digi-remote-manager>.

If you prefer manually updating one device at a time, follow these steps: 1. [Update to latest firmware from XCTU](#)

## TECHNICAL SUPPORT

Get the help you need via our Technical Support team and online resources. Digi offers multiple support levels and professional services to meet your needs. All Digi customers have access to product documentation, firmware, drivers, knowledge base and peer-to-peer support forums.

Visit us at <https://www.digi.com/support> to find out more.

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## CHANGE LOG

### F1521 (March, 2026)

This is a recommended release.

#### NEW FEATURES

1. This release includes support for the maintenance release of the cellular component firmware (v02.110). To update, follow the update best practices. Note: Before updating firmware to version 2.110, the AT&T LwM2M client must be disabled. This will be done automatically if the device firmware is updated first. If using USB direct, disabling the AT&T LwM2M client must be done manually.
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### F151C (December, 2023)

This is a recommended release.

#### NEW FEATURES

- Updated BLE DTM to the 5.4 specification. Note that the specification did change the commands relating to setting the transmit power and selecting the constant unmodulated tone as a packet type. Existing test setups should adapt to the new specification.

## **BUG FIXES**

- Fixed an issue with BLE DTM where the TX power would not change for an unmodulated carrier and PN9 packet type. [XBCELL-8269, XBCELL-9722]
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## **F1519 (April 2022)**

This is a recommended release.

## **FEATURES**

- Added access to the Bluetooth DTM protocol on the primary UART when configured (ATAP=0).
- Added commands to perform Cellular regulatory tests (AT%#, AT%1..%D). See documentation for more information.

\*Release Notes Part Number: 93001366