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Application for Equipment Authorization

Date: September 12, 2022
Applicant: Digi International
FRN: 0010283307
To: Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046
Product: XBee 3 LTE Cat 1
Model: XB3C2
FCC ID: MCQ-XB3C2

To whom it may concern:

This is an application for Original Full Modular Certification and a Grant of Equipment Authorization pursuant to Subpart C of Part 15.247 of FCC Rules (CFR 47) for the above listed product.

The XBee 3 LTE Cat 1 module consists of a cellular radio modem and a microprocessor with an integrated 2.4 GHz Bluetooth Low Energy radio. The microprocessor firmware allows users to transmit and receive RF data through a serial interface without allowing users control of the RF transmit or receive timing, operation, or performance.

The XBee 3 LTE Cat 1 module will be available in two variants where the variation is in the specific model of cellular radio modem:

Variant	Hardware PN	Cellular Radio Modem FCC ID
XBee 3 North America LTE Cat 1	55002112-02	QIPPLS63-X
XBee 3 Global LTE Cat 1	55002112-03	QIPPLS63-W

In both variants, the 2.4 GHz Bluetooth Low Energy radio is physically, electrically, and functionally identical.

In both variants, the cellular radio modem and their approved antennas are not being modified from their original certification.

Sincerely,

Bradley Ferguson
Principal Electrical Engineer
Digi International