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September 16, 2016

Federal Communications Commission
Office of Engineering and Technology
Laboratory Division
7435 Oakland Mills Road
Columbia, MD. 21046 USA

Re: Class II Permissive Change Application for Digi Connect Wi-EM 9210 under
FCC ID #: 1846A-50M1745 to ensure compliance to the following federal guidelines:

- FCC Part 15 Sub C Section 15.247 Paragraphs (a)(2), (b)(3), (d), (e)
- FCC Part 15 Sub C Section 15.207 Paragraphs (a)

To Whom It May Concern,

Pursuant to CFR§47 - Telecommunications, Digi International, Inc., hereby requests a Class II Permissive Change ("C2PC") for the subject application under FCC ID: 1846A-50M1745 to upgrade design circuitry to improved device performance and reliability while maintaining consistency of compliance to the following:

- FCC Part 15 Sub C Section 15.247 Paragraphs (a)(2), (b)(3), (d), (e)
- FCC Part 15 Sub C Section 15.207 Paragraphs (a)

This C2PC represents:

To demonstrate RF compliance in this filing, we, Digi International, Inc., elected to ensure testing was conducted to serve as evidence of compliance to the aforementioned FCC standards. We, Digi International, Inc., implemented hardware design upgrades to improved reliability and performance of our product. These hardware upgrades were identified as variables that may impact EMC/EMI properties called out in the applicable and aforementioned FCC guidelines.

Wi-ME 9210 Gen II Upgrades/Changes are listed as follows:

1) An isolating digital buffer circuit was added to improve the reliability of radio module's digital interface.
2) L7 and C17 were added to the receive/transmit path to improve the EVM match of the transmitter to the antenna port.
3) Photos of the Wi-ME 9210 Gen II PCB and the schematic are available as per this submission.

In response to our assessment, we tested this proposed design with an accredited lab to support the following standards:

- FCC Part 15 Sub C Section 15.247 Paragraphs (a)(2), (b)(3), (d), (e)
- FCC Part 15 Sub C Section 15.207 Paragraphs (a)

Testing confirmed the following:
The hardware design upgrades do not affect the applicable FCC Part 15 Sub C standards.
This change does not affect the other FCC Part 15 grants under any other classifications because there are not any changes to the employed digital device circuitry.

Michael Mothershed

Sr. Homologation Engineer
Digi-International, Inc.