

Certification

Issued Under the Authority of the  
Federal Communications Commission

By:

Ultratech Engineering Labs Inc.  
3000 Bristol Circle  
Oakville Ontario, L6H 6G4  
Canada

Date of Grant: 05/03/2016

Application Dated: 05/03/2016

Digi International Inc  
11001 Bren Road E.  
Minnetonka, MN 55343

Attention: Scott McCall , Manager Hardware Engineering

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: MCQ-PS2CSM  
Name of Grantee: Digi International Inc  
Equipment Class: Digital Transmission System  
Notes: XBEE Pro S2C SMT Module  
Modular Type: Single Modular

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	15C	2405.0 - 2480.0	0.0875		

Single Modular Approval. Power output listed is conducted. The output power is continuously variable from 0.849 mw to 87.5 mw. This module may only be installed by the OEM or an OEM integrator. For operations in mobile RF exposure conditions, the antenna used for this transmitter shall be installed to provide a separation distance of at least 20 cm from all persons. Transmitter antenna types, gains and installation shall meet the requirements as instructed in the users manual and shall not be collocated or operating in conjunction with any other antenna or transmitter. Antennas with the maximum gain allowed are 15.0 dbi Omni-Directional, 15.0 dbi Yagi, 19.0 dbi Flat Panel, 2.1 dbi Dipole and 1.5 dbi Monopole (integrated whip).

Class II Permissive Change to enable additional channel (2480 MHz). Power output is reduced to 4.246 mWatts by firmware as described in this filing. Class II Permissive Change adds a new firmware option which uses RF duty cycle of up to 66% and output power limited to 0.07907 Watts and frequency to 2405-2470 MHz.

