

October 2, 2019

Cover Letter for FCC Application

Please grant our request for FCC certification for a Class II Permissive Change to our 0XB3778 Wi-Fi module utilizing a Murata radio having FCC ID QGH-LB1GC. This request is to add a different external chip antenna to the original certification. Additionally, under FCC rule part 15.247, this module will only communicate in the Wi-Fi domain at 2.4 GHz.

This module is an OEM component radio which is integrated into Leviton products to provide Wi-Fi communications. Since the module is factory installed, there is no user manual and no user changeable parameters by hardware or software. The module will not be sold separately.

The radio will be operated by Leviton proprietary software which has no user changeable parameters affecting the radio functionality.

Product ID			Radio Comparison Information			
FCC ID#	Model Number	Description	Murata Chip Model	External Memory	Antenna Manuf. & Part number	Antenna Type
QGH-LB1GC	0XB3778000001	0XB3778 Wi-Fi Module	LBWA1UZ1GC-069	64 Mbit	Johanson 2450AT18D0100	Chip
	0XB3778000003		LBWA1UZ1GC-901	128Mbit		

Sincerely,

Frank Tse