Compliance Testing, LLC
Previously Flom Test Lab
EMI, EMC, RF Testing Experts Since 1963

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Test Report

Prepared for: Fender Musical Instruments Corporation

Model: Wireless Module

Description: Fender PCB Assembly including the BT Radio Module: PN 7710068000 FMA BT-FTSW-USB; BT Module: FreeWings FW3817-30

Serial Number: N/A

FCC ID: XQW-FMAPR4475

To

FCC Part 1.1310

Date of Issue: February 1, 2017

On the behalf of the applicant:	**Fender Musical Instruments Corporation** **17600 N. Perimeter Drive** **Scottsdale, AZ 85255**
Attention of:	**Larry Clauss, Principal Engineer** **Ph: (480)845-5203** **Email: lclauss@fender.com**

Prepared By
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Project No: p1690028

Alex Macon
Project Test Engineer

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	October 21, 2016	Alex Macon	Original Document

ILAC / A2LA

Compliance Testing, LLC, has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated January 2009)

The tests results contained within this test report all fall within our scope of accreditation, unless below

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Testing Certificate Number: **2152.01**

FCC Site Reg. #349717

IC Site Reg. #2044A-2

Non-accredited tests contained in this report:

N/A

EUT Description
Model: Wireless Module
Description: Fender PCB Assembly including the BT Radio Module: PN 7710068000 FMA BT-FTSW-USB;
BT Module: FreeWings FW3817-30
Firmware: N/A
Software: BlueMod
Serial Number: N/A
Additional Information: N/A

MPE Evaluation

This is a portable device used in Uncontrolled Exposure environment.

Limits Uncontrolled Exposure 47 CFR 1.1310 Table 1, (B)		
	0.3-1.234 MHz:	Limit [mW/cm²] = 100
	1.34-30 MHz:	Limit [mW/cm²] = (180/f²)
	30-300 MHz:	Limit [mW/cm²] = 0.2
	300-1500 MHz:	Limit [mW/cm²] = f/1500
	1500-100,000 MHz	Limit [mW/cm²] = 1.0

Test Data

Test Frequency, MHz	2480
Power, Conducted, mW (P)	0.00570
Antenna Gain Isotropic	0.54 dBi
Antenna Gain Numeric (G)	1.13
Antenna Type	
Distance (R)	20 cm

$S = \frac{P * G}{4\pi r^2}$
Power Density (S) mw/cm^2
0.0000012

Power Density (S) =0.0000012
Limit =(from above table) = 1.0

END OF TEST REPORT