FCC Part 1 Subpart I
FCC Part 2 Subpart J

RF EXPOSURE REPORT

FOR

LED INTERACTIVE WRISTBAND WITH BLE

MODEL NUMBER: LED INTERACTIVE WRISTBAND

FCC ID: 2AB8ZND13

REPORT NUMBER: 15U22361-S1V2

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Prepared for
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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	12/9/2015	Initial Issue	D. Weaver
V2	12/10/2015	Corrected Antenna gain	C. Pang

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: INTEL CORPORATION
2200 MISSION COLLEGE BOULEVARD
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EUT DESCRIPTION: LED interactive wristband with BLE

MODEL: LED Interactive Wristband

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 1 SUBPART I & PART 2 SUBPART J	Pass

UL Verification Services Inc. calculated the RF Exposure of the above equipment in accordance with the requirements set forth in the above standards, using test results reported in the test report documents referenced below and/or documentation furnished by the applicant. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations of these calculations. The results show that the equipment is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL Verification Services Inc. By:

Dave Weaver
Program Manager
UL Verification Services Inc.

2. TEST METHODOLOGY

All calculations were made in accordance with FCC 447498 D01 v06.

3. REFERENCES

Output power, Duty cycle and Antenna gain data is excerpted from the applicable test reports or client declarations.

4. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0.

5. DEVICE UNDER TEST

The EUT is a wearable wristband with a BLE transmitter.

The minimum user separation distance is 0mm .
The maximum output power is 5dBm
The antenna gain is 1.7dBi

6. STANDALONE SAR TEST EXCLUSION CONSIDERATIONS

SAR test exclusion in accordance with KDB 447498.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)]·[√f(GHz)] ≤ 3.0, for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- $f_{(GHz)}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

These test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

SAR Exclusion Calculations Table for Portable Devices (separation distance < 50mm)

Antenna	Tx	Frequency (MHz)	Avg Output power		Separation distance (mm)	Calculated Threshold
			dBm	mW		
BLE	BLE	2483.5	5.00	3	0	0.9

Conclusion:
The computed value is < 7.5; therefore, the EUT qualifies for Standalone SAR test exclusion.

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END OF REPORT