FCC Part 1 Subpart I
FCC Part 2 Subpart J
INDUSTRY CANADA RSS 102 ISSUE 4

RF EXPOSURE REPORT

FOR

FITNESS TRACKING DEVICE WITH BLE

MODEL NUMBER: BASIS PEAK

FCC ID: 2AB8ZMRA
IC: 1000X-MRA

REPORT NUMBER: 14U18649-E4

ISSUE DATE: SEPTEMBER 11, 2014

Prepared for
INTEL CORPORATON
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Prepared by
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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
--	09/11/14	Initial Issue	G. Victorine

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: INTEL CORPORATION
2200 MISSION COLLEGE BOULEVARD
SANTA CLARA, CA 95052, U.S.A

EUT DESCRIPTION: FITNESS TRACKING DEVICE WITH BLE

MODEL: BASIS PEAK

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 1 SUBPART I & PART 2 SUBPART J	Pass
INDUSTRY CANADA RSS 102 ISSUE 4	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:

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UL Verification Services Inc.

Calculated By:

JOE VANG
EMC ENGINEER
UL Verification Services Inc.

2. TEST METHODOLOGY

Calculations were made in accordance with KDB procedure FCC 447498 D01 General RF Exposure Guidance v05r02.

3. REFERENCES

All measurements were made as documented in test report UL Verification Services Inc. Document 14U18649-E1A for operation in the 2.4 GHz band.

Output power data is excerpted from the applicable test reports.

4. FACILITIES AND ACCREDITATION

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

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at http://ts.nist.gov/standards/scopes/2000650.htm.

5. SAR TEST EXCLUSION THRESHOLD CALCULATION

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

$$\left[\frac{max\ power\ of\ channel,\ mW}{Min.\ test\ separation\ distance, mm}\right] * \sqrt{f}(GHz)$$

Where:

- $\sqrt{f}_{(GHz)}$ 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.

6. SAR TEST EXCLUSION CALCULATION RESULTS

Band High Channel Frequency (GHz)	Mode	Minimum Test Separation Distance (mm)	Max Output Power of Channel (dBm)	Max Output Power of Channel (mW)	Exclusion Threshold Calculated Value	SAR Test Exclusion Threshold Limit
2.5	10-g SAR	5	4.0	3	0.9	7.5
2.5	1-g SAR	10	4.0	3	0.5	3

The measured power was 3.07 dBm. The maximum manufacturer declared power is 4 dBm, including manufacturing tolerances.

The calculated exclusion threshold value is 0.5 for 1-g SAR and 0.9 for 10-g SAR. Per KDB 447498, the SAR test exclusion limits of 3 for 1-g SAR and 7.5 for 10-g SAR is met. Therefore, the SAR test exclusion applies.

END OF REPORT