TEST REPORT No.: (5215)250-1607(A)

FCC SAR EXCLUSION REPORT

To:	**LATITUDE LIMITED**	Fax :	(852)2494 0993
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Folder No.:	LAT-15SE052ETHS-B	Test date :	2015-09-23

MANUFACTURER OR SUPPLIER NAME:	**--**
MANUFACTURER OR SUPPLIER ADDRESS:	--
PRODUCT:	OLED Wrist band
MODEL REFERENCE:	D02J72
ADDITIONAL MODEL & MODEL DIFFERENCE:	--
RATED VOLTAGE:	3.7Vd.c. (“Rechargeable Battery” x 1) Computer: 120Va.c., 60Hz
FCC ID:	WM4808
SAMPLE NO.:	HK150904/020

The results given in this report are related to the tested specimen of the described electrical apparatus:

FCC Part 2 (Section 2.1091)
KDB 447498 D01 v05r02
IEEE C95.1

CONCLUSION: The submitted sample was found to <u>COMPLY</u> with the requirement

Assistant Manager,
EMC Department

Name: Law Man Kit
Date: October 19, 2015

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
(5215)250-1607(A)	Original release	Oct. 19, 2015

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1. CERTIFICATION

FCC ID:	WM4808
PRODUCT:	OLED Wrist band
BRAND NAME:	N/A
MODEL NO.:	D02J72
ADDITIONAL NO.:	N/A
TEST SAMPLE:	Engineering Sample
APPLICANT:	Latitude Limited
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01v05r02
	IEEE C95.1

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2. RF EXPOSURE DEFINE

The corresponding SAR Exclusion Threshold condition, listed below:

1) 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,16 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

The 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.

2) At 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following:
   a) [Threshold at 50 mm in step 1) + (test separation distance - 50 mm)·(f(MHz)/150)] mW, at 100MHz to 1500 MHz
   b) [Threshold at 50 mm in step 1) + (test separation distance - 50 mm)·10] mW at > 1500 MHz and ≤ 6 GHz
3) At frequencies below 100 MHz, the following may be considered for SAR test exclusion.
   a) The threshold at the corresponding test separation distance at 100 MHz in step 2) is multiplied by [1 + log(100/f(MHz))] for test separation distances > 50 mm and < 200 mm.
   b) The threshold determined by the equation in a) for 50 mm and 100 MHz is multiplied by ½ for test separation distances ≤ 50 mm.
   c) SAR measurement procedures are not established below 100 MHz. When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any test results to be acceptable.

3. CLASSIFICATION

The antenna of this product, under normal use condition, is at less than 20cm away from the body of the user. So, this device is classified as **Portable Device.**

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4. SAR TEST EXCLUSION THRESHOLDS

According to the KDB 447498:

The maximun Average output power specified is -4.98dBm = 0.318mW

The SAR Exclusion Threshold Level:

= 3.0 * (min. test separation distance, mm) / sqrt(freq. in GHz)

= 3.0 * 5 / sqrt (2.480) mW

= 9.53 mW

Since the source-based time-averaging conducted output power is well below the SAR low threshold level, so the EUT is considered to **comply** with SAR requirement without testing.

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