



RF EXPOSURE REPORT

REPORT NO.: SA131008E04

MODEL NO.: V-U0034

FCC ID: JNZVU0034

RECEIVED: Oct. 08, 2013

TESTED: Oct. 23, 2013

ISSUED: Oct. 29, 2013

APPLICANT: LOGITECH FAR EAST LTD.

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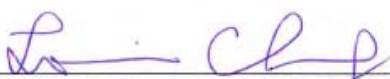
RELEASE CONTROL RECORD

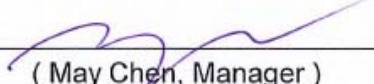
| ISSUE NO. | REASON FOR CHANGE | DATE ISSUED |
|-------------|-------------------|---------------|
| SA131008E04 | Original release | Oct. 29, 2013 |

1. CERTIFICATION

PRODUCT: Wireless Speaker (sub-device for ConferenceCam)
BRAND NAME: Logitech
MODEL NO.: V-U0034
TEST SAMPLE: ENGINEERING SAMPLE
APPLICANT: LOGITECH FAR EAST LTD.
TESTED DATE: Oct. 27, 2013
STANDARDS: FCC Part 2 (Section 2.1091)
FCC OET Bulletin 65, Supplement C (01-01)
IEEE C95.1

The above equipment (Model: V-U0034) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : , **DATE:** Oct. 29, 2013
(Lori Chung, Specialist)

APPROVED BY : , **DATE:** Oct. 29, 2013
(May Chen, Manager)

2. EVALUATION RESULT

Following FCC KDB 447498 D01 “General SAR test exclusion guidance”

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:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR where

- $f(\text{GHz})$ 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 $[1 + \log(100/f(\text{MHz}))]$ 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 $\frac{1}{2}$ 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. SAR TEST EXCLUSION THRESHOLDS

Maximum measured transmitter power:

| Frequency (GHz) | Max. Power (mW) | Min. test separation distance (mm) | SAR test exclusion calculation value ^(NOTE 2) | 10-g SAR test exclusion thresholds | Result |
|-----------------|-----------------|------------------------------------|--|------------------------------------|--------|
| 2.402 ~ 2.480 | 1.746 | 5 | 0.541 | 7.5 | Pass |

NOTE: 1. The antenna type is PIFA antenna with -4.19dBi gain.

2. Calculate SAR test exclusion thresholds from condition "1" formulas.

4. CONCLUSION

Since Source-base time average power is below SAR test exclusion power thresholds, the SAR evaluation is not required.

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