

FCC RF EXPOSURE REPORT

FCC ID: EMOICVBT6

Project No. : 1806C136
Equipment : iHome Beauty MAGNIFY
Test Model : iCVBT6
Series Model : iCVBT6X("X"= A to Z; denote as the color of cabinet)
Applicant : SDI TECHNOLOGIES INC.
Address : 1299 Main Street, Rahway, NJ 07065, U.S.A

According: : **FCC Guidelines for Human Exposure IEEE C95.1 & KDB447498 D01**

B T L I N C .

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1. CERTIFICATION

Equipment : iHome Beauty MAGNIFY
 Brand Name : iHome
 Test Model : iCVBT6
 Series Model : iCVBT6X("X"= A to Z; denote as the color of cabinet)
 Applicant : SDI TECHNOLOGIES INC.
 Manufacturer : SDI TECHNOLOGIES INC.
 Address : 1299 Main Street, Rahway, NJ 07065, U.S.A
 Factory : Arts Electronics Co., Ltd.
 Address : NO. 1, SHANGXING LU, SHANGJIAO COMMUNITY, CHANGAN TOWN,
 DONGGUAN CITY, GUANGDONG PROVINCE, CHINA.
 Date of Test : Jun. 27, 2018 ~ Jul. 27, 2018
 Test Sample : Engineering Sample No.: D180605288

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1806C136) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

Table for Filed Antenna

| Ant. | Brand | Model Name | Antenna Type | Connector | Gain (dBi) |
|------|-------|------------|--------------|-----------|------------|
| 1 | N/A | N/A | PCB | N/A | 0 |

2. GENERAL CONCLUSION:

According to FCC KDB447498 D01, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ 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

Appendix A - SAR Test Exclusion Thresholds for 100 MHz - 6 GHz and ≤ 50 mm

| MHz | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | mm |
|------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| 150 | 39 | 77 | 116 | 155 | 194 | 232 | 271 | 310 | 349 | 387 | SAR Test Exclusion Thresholds (mW) |
| 300 | 27 | 55 | 82 | 110 | 137 | 164 | 192 | 219 | 246 | 274 | |
| 450 | 22 | 45 | 67 | 89 | 112 | 134 | 157 | 179 | 201 | 224 | |
| 835 | 16 | 33 | 49 | 66 | 82 | 98 | 115 | 131 | 148 | 164 | |
| 900 | 16 | 32 | 47 | 63 | 79 | 95 | 111 | 126 | 142 | 158 | |
| 1500 | 12 | 24 | 37 | 49 | 61 | 73 | 86 | 98 | 110 | 122 | |
| 1900 | 11 | 22 | 33 | 44 | 54 | 65 | 76 | 87 | 98 | 109 | |
| 2450 | 10 | 19 | 29 | 38 | 48 | 57 | 67 | 77 | 86 | 96 | |
| 3600 | 8 | 16 | 24 | 32 | 40 | 47 | 55 | 63 | 71 | 79 | |
| 5200 | 7 | 13 | 20 | 26 | 33 | 39 | 46 | 53 | 59 | 66 | |
| 5400 | 6 | 13 | 19 | 26 | 32 | 39 | 45 | 52 | 58 | 65 | |
| 5800 | 6 | 12 | 19 | 25 | 31 | 37 | 44 | 50 | 56 | 62 | |

Maximum measured transmitter power:

| Max Output Power (dBm) | Max Output Power (mW) | Limit (mW) |
|------------------------|-----------------------|------------|
| 3.67 | 2.33 | 10 |

The maximum measured output peak power of this EUT is 2.33mW, less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold.