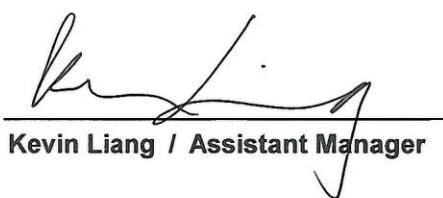




RF Exposure Evaluation Report

| | |
|------------------------|---|
| Applicant's company | Wacom Co., Ltd. |
| Applicant Address | 2-510-1 Toyonodai, Kazo-shi, Saitama 349-1148 Japan |
| FCC ID | HV4CTL6100WL |
| Manufacturer's company | Wacom Co., Ltd. |
| Manufacturer Address | 2-510-1 Toyonodai, Kazo-shi, Saitama 349-1148 Japan |

| | |
|------------------|---|
| Product Name | Pen Tablet |
| Brand Name | Wacom |
| Model Name | CTL-6100WL |
| Ref. Standard(s) | 47 CFR FCC Part 2 Subpart J, section 2.1093 |
| Received Date | Nov. 16, 2017 |
| Final Test Date | Dec. 21, 2017 |
| Submission Type | Original Equipment |



Kevin Liang / Assistant Manager





Table of Contents

| | |
|---|----------|
| 1. GENERAL DESCRIPTION | 4 |
| 1.1. EUT General Information | 4 |
| 1.2. Testing Location Information | 4 |
| 2. RF EXPOSURE EVALUATION | 5 |
| 2.1. Applicable Standard | 5 |
| 2.2. SAR evaluation | 5 |

PHOTOGRAPHS OF EUT V01



History of This Test Report



1. GENERAL DESCRIPTION

1.1. EUT General Information

| RF General Information | | | |
|-------------------------------|------------------------------|----------------------------------|--|
| Evaluation Mode | Frequency Range (MHz) | Operating Frequency (MHz) | Modulation Type |
| Bluetooth | 2400-2483.5 | 2402-2480 | BR / EDR: FHSS (GFSK / $\pi/4$ -DQPSK / 8DPSK) |

1.2. Testing Location Information

| Testing Location | | | |
|--|--------|--|----------------------|
| <input checked="" type="checkbox"/> | HWA YA | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 | FAX : 886-3-327-0973 |
| Test site Designation No. TW1190 with FCC. | | | |
| <input type="checkbox"/> | JHUBEI | ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.) TEL : 886-3-656-9065 | FAX : 886-3-656-9085 |
| Test site Designation No. TW0006 with FCC. | | | |



2. RF EXPOSURE EVALUATION

2.1. Applicable Standard

In accordance with FCC 47 CFR part 2 (2.1093) this device has been defined as a portable device which is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

Portable devices must be evaluated using the specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2003.

2.2. SAR evaluation

1. Per FCC KDB 447498 D01 v06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* \leq 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})]^{1/2}$

$[\sqrt{f_{(\text{GHz})}}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

• $f_{(\text{GHz})}$ 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

| Tune-up Average Power | | Test Distance (mm) | Frequency (GHz) | Exclusion Thresholds |
|-----------------------|------|-----------------------|--------------------|----------------------|
| (dBm) | (mW) | | | |
| 5.69 | 3.71 | 5 | 2.441 | 1.2 |

2. Per FCC KDB 447498 D01 v06 exclusion thresholds is $1.2 < 3$, RF exposure evaluation is not required.