

RF EXPOSURE REPORT

OF

Applicant: Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District, Taoyuan City 33377, Taiwan

Product Name: Clover Mini Enterprise/Clover Station Pro Terminal

Brand Name: clover

Model No.: C303, C503

Model Difference: C303 is a standalone POS terminal. C503 includes the same POS terminal (C303) but comes with an included peripheral display (S503).

Report Number: E2/2019/60011

FCC ID: HFS-CX03U

IC: 1787B-CX03U

FCC Rule Part: Part 2.1091 & RSS-102

IC Rule Part: RSS-102

Issue Date: Jul. 12, 2019

Date of EUT Received: Jun. 14, 2019

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. The test data, data evaluation in this report is in compliance with FCC Rules Part 2 and RSS-102.
The test results of this report relate only to the tested sample identified in this report.

Approved By: _____

John Teh
Yeh John / Asst. Manager



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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Revision History

| Report Number | Revision | Description | Effected Page | Issue Date | Revised By |
|---------------|----------|------------------------------|---------------|---------------|-------------|
| E2/2019/60011 | Rev.00 | Initial creation of document | All | Jul. 12, 2019 | Karen Huang |

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Table of Contents

| | | |
|----------|--|----------|
| 1 | DESCRIPTION OF EQUIPMENT UNDER TEST (EUT) | 4 |
| 2 | MAXIMUM PERMISSIBLE EXPOSURE (MPE) | 5 |
| 2.1 | FCC STANDARD APPLICABLE | 5 |
| 2.2 | POWER DENSITY CALCULATION (WORST CASE) | 6 |

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1 DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)

General:

| | | |
|-------------------|--|--|
| Product Name: | Clover Mini Enterprise/Clover Station Pro Terminal | |
| Brand Name: | clover | |
| Model No.: | C303, C503 | |
| Model Difference: | C303 is a standalone POS terminal. C503 includes the same POS terminal (C303) but comes with an included peripheral display (S503) | |
| Hardware Version: | 4.01 | |
| Software Version: | N/A | |
| Micro Hub: | Model No.: H303, Supplier: clover | |
| Power Supply: | 12V from Hub and Adapter | |
| | Battery: | Model No.: YJ3B, Supplier: N/A |
| | Adapter: | Model No.: FSP040-RHBN3, Supplier: FSP |

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2 MAXIMUM PERMISSIBLE EXPOSURE (MPE)

2.1 FCC Standard Applicable

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

This is a Mobile device, the MPE is required.

According to §1.1310 and §2.1091 RF exposure is calculated.

Limits for Maximum Permissive Exposure (MPE)

| Frequency Range (MHz) | Electric Field Strength (V/m) | Magnetic Field Strength (A/m) | Power Density (mW/cm ²) | Averaging Time (minute) |
|---|-------------------------------|-------------------------------|-------------------------------------|-------------------------|
| Limits for General Population/Uncontrolled Exposure | | | | |
| 0.3-1.34 | 614 | 1.63 | *(100) | 30 |
| 1.34-30 | 824/f | 2.19/f | *(180/f ²) | 30 |
| 30-300 | 27.5 | 0.073 | 0.2 | 30 |
| 300-1500 | / | / | f/1500 | 30 |
| 1500-15000 | / | / | 1.0 | 30 |

f = frequency in MHz

* = Plane-wave equipment power density

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2.2 Power Density Calculation (Worst Case)

| Operation Mode | Evaluation Frequency (MHz) | Operation Distance (cm) | Max. output Power (dBm) | Antenna Gain (dBi) | Max. output Power EIRP (mW) | Power Density (mW/cm ²) | Limit (mW/cm ²) | Pass / Fail |
|----------------|----------------------------|-------------------------|-------------------------|--------------------|-----------------------------|-------------------------------------|-----------------------------|-------------|
| BT | 2480.00 | 20 | 6.99 | 2.10 | 8.11 | 0.002 | 1.000 | Pass |
| WLAN 2.4G | 2437.00 | 20 | 19.77 | 2.10 | 153.82 | 0.031 | 1.000 | Pass |
| WLAN 5G | 5580.00 | 20 | 20.49 | 5.86 | 431.52 | 0.086 | 1.000 | Pass |
| WWAN | 1857.50 | 20 | 23.26 | 1.00 | 266.69 | 0.053 | 1.000 | Pass |

Note: For conservativeness, the lowest uplink frequency of each band is used to determine the MPE limit of that band.

~ End of Report ~

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