

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: _____

Yeh John / Asst. Manager

John Yeh



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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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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