

RF EXPOSURE REPORT



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

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

Product Name: Mini

Brand Name: Clover

Model No.: C306

FCC ID HFS-C306

Date of EUT Received: Jun. 17, 2026

Issue Date: Aug. 19, 2026

Approved By

John Yeh

We hereby certify that:

The above equipment was evaluated by SGS Taiwan Ltd. The evaluation in this report is in compliance with FCC Rule Part §2.1091, KDB 447498 D01 v06.

The results of this report relate only to the sample identified in this report.

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2606000431ES	00	Original	Aug. 19, 2026	Kimmy Chiou	

Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.

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1 DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)

1.1 Product Description

Product Name:	Mini
Brand Name:	Clover
Model No.:	C306

1.2 Evaluation site

Laboratory		Site Address	FCC Designation number/ Registration Number	ISED Company Number	CAB Identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	☒	No. 134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, 24803, Taiwan.	TW0027/ 891563	4620A	TW3702
	☐	No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 333 Taiwan.	TW0028/ 200037	4620E	
	☐	1F, No. 8, Alley 15, Lane 120, Sec. 1, Nei Hu Road, Neihu District, Taipei City, 222 Taiwan.	TW0029/ 150169	23862	

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1.3 Antenna Information:

WWAN

Antenna Type	Antenna Part No.			
Monopole	DQ60ALF0016			
Operating Frequency (MHz)				Ant 0 Peak Gain (dBi)
WCDMA / HSPA Band II	1850	~	1910	2.33
WCDMA / HSPA Band IV	1710	~	1753	5.39
WCDMA / HSPA Band V	824	~	849	3.14
LTE-Band 2	1850	~	1910	2.33
LTE-Band 4	1710	~	1755	5.39
LTE-Band 5	824	~	849	3.14
LTE-Band 12	699	~	716	3.67
LTE-Band 13	777	~	787	4.15
LTE-Band 17	704	~	716	3.67
LTE-Band 66	1710	~	1780	5.18
LTE-Band 71	663	~	698	3.54

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WLAN

Antenna Type	Brand	Ch0 / Ch1	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)
PIFA	AWAN	Ch0	DQ60ALP6Y02	2400~2483.5	2.87
		Ch1	DQ60ALP6Y01	2400~2483.5	2.30
PIFA	AWAN	Ch0	DQ60ALP6Y02	5150~5250	4.22
				5250~5350	4.22
				5470~5725	3.12
				5725~5850	3.12
PIFA	AWAN	Ch1	DQ60ALP6Y01	5150~5250	2.97
				5250~5350	2.97
				5470~5725	3.68
				5725~5850	3.68
PIFA	AWAN	Ch0	DQ60ALP6Y02	5925~6425	4.03
				6425~6525	3.81
				6525~6875	3.81
				6875~7125	3.80
PIFA	AWAN	Ch1	DQ60ALP6Y01	5925~6425	4.57
				6425~6525	1.45
				6525~6875	1.45
				6875~7125	1.62

Note: Antenna information is provided by the applicant.

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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 Permissible 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
1500-100000	/	/	1.0	30

f = frequency in MHz

* = Plane-wave equipment power density

Prediction of MPE limit at a given distance

$$S = PG / 4\pi R^2$$

Where: S = Power density

P = Power input to antenna

G = Power gain of the antenna in the direction of interest relative to an isotropic radiator

R = Distance to the center of radiation of the antenna

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2.2 Power Density Calculation (Worst Case)

Operation Mode	Evaluation Frequency (MHz)	Operation Distance (cm)	Max. Output Power Include Tolerance (dBm)	Antenna Gain (dBi)	Max. EIRP (mW)	Power Density (PD) (mW/cm ²)	Limit (mW/cm ²)	Pass / Fail	Power Density / Limit
NFC	13.56	20	-	-	0.0002939	0.0000	0.979	Pass	0.000
BT	2480.00	20	7.5	2.87	10.89	0.0022	1.000	Pass	0.002
WLAN 2.4G_Ch0	2442.00	20	18	2.87	122.18	0.024	1.000	Pass	0.024
WLAN 2.4G_Ch1	2442.00	20	18	2.30	107.15	0.021	1.000	Pass	0.021
WLAN 5.2G_Ch0	5250.00	20	14.5	4.22	74.47	0.015	1.000	Pass	0.015
WLAN 5.3G_Ch0	5350.00	20	14.5	4.22	74.47	0.015	1.000	Pass	0.015
WLAN 5.6G_Ch0	5725.00	20	14.5	3.12	57.81	0.012	1.000	Pass	0.012
WLAN 5.8G_Ch0	5850.00	20	14.5	3.12	57.81	0.012	1.000	Pass	0.012
WLAN 5.2G_Ch1	5250.00	20	14.5	2.97	55.85	0.011	1.000	Pass	0.011
WLAN 5.3G_Ch1	5350.00	20	14.5	2.97	55.85	0.011	1.000	Pass	0.011
WLAN 5.6G_Ch1	5725.00	20	14.5	3.68	65.77	0.013	1.000	Pass	0.013
WLAN 5.8G_Ch1	5850.00	20	14.5	3.68	65.77	0.013	1.000	Pass	0.013
WLAN 6.2G_Ch0	6425.00	20	9	4.03	20.09	0.004	1.000	Pass	0.004
WLAN 6.5G_Ch0	6525.00	20	9	3.81	19.10	0.004	1.000	Pass	0.004
WLAN 6.7G_Ch0	6875.00	20	9	3.81	19.10	0.004	1.000	Pass	0.004
WLAN 7.0G_Ch0	7125.00	20	9	3.80	19.05	0.004	1.000	Pass	0.004
WLAN 6.2G_Ch1	6425.00	20	9	4.57	22.75	0.005	1.000	Pass	0.005
WLAN 6.5G_Ch1	6525.00	20	9	1.45	11.09	0.002	1.000	Pass	0.002
WLAN 6.7G_Ch1	6875.00	20	9	1.45	11.09	0.002	1.000	Pass	0.002
WLAN 7.0G_Ch1	7125.00	20	9	1.62	11.53	0.002	1.000	Pass	0.002
WCDMA / HSPA Band II	1852.40	20	23	2.33	341.19	0.068	1.000	Pass	0.068
WCDMA / HSPA Band IV	1712.40	20	23.5	5.39	774.46	0.154	1.000	Pass	0.154
WCDMA / HSPA Band V	826.40	20	24	3.14	517.61	0.103	0.551	Pass	0.187
LTE-Band 2	1850.70	20	23	2.33	341.19	0.068	1.000	Pass	0.068
LTE-Band 4	1710.70	20	23	5.39	690.24	0.137	1.000	Pass	0.137
LTE-Band 5	824.70	20	23	3.14	411.15	0.082	0.550	Pass	0.149
LTE-Band 12	699.70	20	23.5	3.67	521.19	0.104	0.466	Pass	0.222
LTE-Band 13	779.50	20	23	4.15	518.80	0.103	0.520	Pass	0.199
LTE-Band 17	706.50	20	23.5	3.67	521.19	0.104	0.471	Pass	0.220
LTE-Band 66	1710.70	20	23	5.18	657.66	0.131	1.000	Pass	0.131
LTE-Band 71	665.50	20	23	3.54	450.82	0.090	0.444	Pass	0.202

Conclusion: Source-base time average power is below Exemption Criteria and/or Routine Evaluation MPE thresholds, therefore the device is compliant FCC RF exposure requirement.

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

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2.2.1 Collocated Power Density Calculation

Operation Mode	Power Density / Limit	Σ (Power Density / Limit)
NFC	0.000	0.306
BT	0.002	
WLAN 2.4G_Ch0	0.024	
WLAN 2.4G_Ch1	0.021	
WLAN 5G_Ch0	0.015	
WLAN 5G_Ch1	0.013	
WLAN 6G_Ch0	0.004	
WLAN 6G_Ch1	0.005	
WWAN	0.222	

Note:

1. Σ (Power Density / Limit): This is a summation of [(Power Density for each transmitter/antenna included in the simultaneous transmission) / (corresponding MPE limit)].
2. Considering the collocated transmitters, the aggregated (Power Density /limit) is smaller than 1, and MPE of collocated transmitters is compliant

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Frequency (MHz)	E-FIELD dBuV/m	Test Distance (m)	EIRP (dBm)	EIRP (mW)
13.56	39.84	30	-35.31757	0.0002939

Note:

EIRP (dBm)= (E-FIELD(dBuV/m)+ 20log(d(m))-104.7

EIRP(mW)= (10^(EIRP(dBm)/10))

~ End of Report ~

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