

## RF EXPOSURE REPORT

OF

**Applicant:** Quanta Computer Inc.  
No.188, Wenhua 2nd Rd., Guishan Dist., Taoyuan City  
33377, Taiwan (R.O.C)

**Product Name:** All-in-One PC

**Brand Name:** HP

**Model No. / Type No.:** TPC-Q065-32

**Model Difference:** N/A

**Report Number:** E2/2019/80057

**FCC ID** HFSQTA-NZF

**FCC Rule Part** Part 2.1091

**Issue Date:** Oct. 07, 2019

**Date of Test:** Aug. 14, 2019 ~ Sep. 10, 2019

**Date of EUT Received:** Aug. 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.

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

**Approved By:**

John Yeh

**John Yeh / Assistant 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

Revision	Description	Issue Date	Remark
Rev.00	Original.	Sep. 24, 2019	Revised By: Yuri Tsai
Rev.01	Updated product name	Oct. 07, 2019	Revised By: Yuri Tsai

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## 1 DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)

Product Name:	All-in-One PC	
Brand Name:	HP	
Model No.:	TPC-Q065-32	
Model Difference:	N/A	
Hardware Version:	N/A	
Software Version:	N/A	
Power Supply:	19.5Vdc from AC/DC Adapter	
	Adapter:	Model No.: TPC-DA60, Supplier: Delta

Radio Technology:	Bluetooth_BR+EDR
Channel number:	79 channels
Modulation type:	GFSK + $\pi/4$ DQPSK + 8DPSK
Transmit Power:	3.98dBm
Frequency Range:	2.402GHz – 2.480GHz
Dwell Time:	$\leq 0.4s$

### Antenna Information:

Antenna Type	Supplier	Antenna Model No.	Freq. (MHz)	Peak Antenna Gain (dBi)
PCB	LITEON	WB301A	2402 - 2480	3.3

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## 2 FCC 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 <sup>2</sup> )	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 <sup>2</sup> )	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 <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )	Pass / Fail
BT	2480.00	20	3.83	3.30	5.16	0.001	1.000	Pass

*~ End of Report ~*

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