



RF Exposure Evaluation Declaration

FCC ID: HD5-CT40PL0N

APPLICANT: Honeywell International Inc
Honeywell Safety and Productivity Solutions

Application Type: Class II Permissive Change

Product: Mobile Computer

Model No.: CT40P-L0N

Brand Name: Honeywell

FCC Rule Part(s): FCC 47 CFR Part 2.1093, IEEE 1528: 2013, ANSI C95.1: 2005

Test Standard(s) KDB 447498 D01 v06

Test Date: December 16 ~ 29, 2020

Reviewed By:

Jame Yuan

Approved By:

Robin Wu



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standards through the calibration of the equipment and evaluated measurement uncertainty herein.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2012RSU042-U2	Rev. 01	Initial Report	01-03-2021	Valid

1. PRODUCT INFORMATION

Product Name	Mobile Computer
Model No.	CT40P-L0N
Serial No.	20196B1EBF
Hardware Version	2.0
Software Version	OS.04.001
Wi-Fi Specification	802.11a/b/g/n/ac
Bluetooth 1# Version	v5.0 dual mode
Bluetooth 2# Version	v5.1 single mode, LE only
NFC Working Frequency	13.56MHz
Accessories	
USB Adapter	Model No.: ADS-12B-06 05010E Input Power: 100 - 240V ~ 50/60Hz, Max. 0.3A Output Power: 5VDC 2.0A
Rechargeable Li-ion Battery	Model No.: CT50-BTSC Capacitance: 4020mAh/15.5Wh Rated Voltage: 3.85V

2. RF Exposure Evaluation

According to KDB 447498 D01 v06 section 4.4.3 a, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz; so, the new added channel SAR is not performed.

Average Output Power Table – SISO Mode

Test Mode	Data Rate / MCS	Channel No.	Freq. (MHz)	ANT 0 Average Power (dBm)	Limit (dBm)	Result
Original Test Channel						
11b	1Mbps	01	2412	17.77	≤ 30.00	Pass
11b	1Mbps	06	2437	17.73	≤ 30.00	Pass
11b	1Mbps	11	2462	17.89	≤ 30.00	Pass
11g	6Mbps	01	2412	14.72	≤ 30.00	Pass
11g	6Mbps	06	2437	14.67	≤ 30.00	Pass
11g	6Mbps	11	2462	14.87	≤ 30.00	Pass
11n-HT20	MCS0	01	2412	14.92	≤ 30.00	Pass
11n-HT20	MCS0	06	2437	17.22	≤ 30.00	Pass
11n-HT20	MCS0	11	2462	16.78	≤ 30.00	Pass
11n-HT40	MCS0	03	2422	15.02	≤ 30.00	Pass
11n-HT40	MCS0	06	2437	16.61	≤ 30.00	Pass
11n-HT40	MCS0	09	2452	13.97	≤ 30.00	Pass
Additional Test Channel						
11b	1Mbps	12	2467	17.49	≤ 30.00	Pass
11b	1Mbps	13	2472	11.93	≤ 30.00	Pass
11g	6Mbps	12	2467	13.82	≤ 30.00	Pass
11g	6Mbps	13	2472	4.99	≤ 30.00	Pass
11n-HT20	MCS0	12	2467	13.38	≤ 30.00	Pass
11n-HT20	MCS0	13	2472	2.04	≤ 30.00	Pass
11n-HT40	MCS0	10	2457	10.98	≤ 30.00	Pass
11n-HT40	MCS0	11	2462	7.99	≤ 30.00	Pass

Average Output Power Table – MIMO Mode

Test Mode	Data Rate / MCS	Channel No.	Freq. (MHz)	ANT 0 Average Power (dBm)	ANT 1 Average Power (dBm)	Total Average Power (dBm)	Limit (dBm)	Result
Original Test Channel								
11n-HT20	MCS0	01	2412	13.71	14.83	17.32	≤ 30.00	Pass
11n-HT20	MCS0	06	2437	13.76	14.67	17.25	≤ 30.00	Pass
11n-HT20	MCS0	11	2462	13.83	14.64	17.26	≤ 30.00	Pass
11n-HT40	MCS0	03	2422	12.04	12.46	15.27	≤ 30.00	Pass
11n-HT40	MCS0	06	2437	13.87	14.81	17.38	≤ 30.00	Pass
11n-HT40	MCS0	09	2452	13.16	13.57	16.38	≤ 30.00	Pass
Additional Test Channel								
11n-HT20	MCS0	12	2467	13.35	12.88	16.13	≤ 30.00	Pass
11n-HT20	MCS0	13	2472	1.38	0.58	4.01	≤ 30.00	Pass
11n-HT40	MCS0	10	2457	10.39	10.08	13.25	≤ 30.00	Pass
11n-HT40	MCS0	11	2462	6.96	6.26	9.63	≤ 30.00	Pass

The End