



RF Exposure Evaluation Declaration

FCC ID: HD5-CT40L0N

APPLICANT: Honeywell International Inc
Honeywell Safety and Productivity Solutions

Application Type: Class II Permissive Change

Product: DOLPHIN CT40

Model No.: CT40-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 D01v06

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.

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Revision History

Report No.	Version	Description	Issue Date	Note
2012RSU040-U2	Rev. 01	Initial Report	01-03-2021	Valid

1. PRODUCT INFORMATION

Product Name:	DOLPHIN CT40
Model No.:	CT40-L0N
Serial No.:	19022B699A
Brand Name:	Honeywell
Hardware Version:	1.0
Software Version:	OS.04.001
Wi-Fi Specification:	802.11a/b/g/n/ac
Bluetooth Version:	v5.0 dual mode
Accessories	
USB Adapter:	Model No.: ADS-12B-06 05010E Input Power: 100 - 240V ~ 50/60Hz, Max. 0.3A Output Power: 5VDC 2.0A
Snap-on Adapter:	Model No.: CT40-SN
Battery:	Model No.: CT50-BTSC Capacitance: 15.5Wh, 4090mAh Rated Voltage: 3.8V Limit Charge Voltage: 4.36V

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

Test Mode	Data Rate / MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Limit (dBm)	Result
Original Test Channel						
11b	1Mbps	01	2412	13.53	≤ 30.00	Pass
11b	1Mbps	06	2437	14.22	≤ 30.00	Pass
11b	1Mbps	11	2462	13.16	≤ 30.00	Pass
11g	6Mbps	01	2412	13.06	≤ 30.00	Pass
11g	6Mbps	06	2437	13.15	≤ 30.00	Pass
11g	6Mbps	11	2462	13.13	≤ 30.00	Pass
11n-HT20	MCS0	01	2412	12.15	≤ 30.00	Pass
11n-HT20	MCS0	06	2437	12.23	≤ 30.00	Pass
11n-HT20	MCS0	11	2462	12.19	≤ 30.00	Pass
11n-HT40	MCS0	03	2422	11.81	≤ 30.00	Pass
11n-HT40	MCS0	06	2437	12.05	≤ 30.00	Pass
11n-HT40	MCS0	09	2452	11.86	≤ 30.00	Pass
Additional Test Channel						
11b	1Mbps	12	2467	12.98	≤ 30.00	Pass
11b	1Mbps	13	2472	12.97	≤ 30.00	Pass
11g	6Mbps	12	2467	12.14	≤ 30.00	Pass
11g	6Mbps	13	2472	8.26	≤ 30.00	Pass
11n-HT20	MCS0	12	2467	11.05	≤ 30.00	Pass
11n-HT20	MCS0	13	2472	3.97	≤ 30.00	Pass
11n-HT40	MCS0	10	2457	10.96	≤ 30.00	Pass
11n-HT40	MCS0	11	2462	6.46	≤ 30.00	Pass

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