



RF Exposure Evaluation Declaration

FCC ID: HD5-CT40L0N

IC: 1693B-CT40L0N

APPLICANT: Honeywell International Inc
Honeywell Safety and Productivity Solutions

Application Type: Class 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

IC Rule(s): RSS-102: 2015, IEEE 1528: 2013, IEC 62209-2: 2010

Test Standard(s) KDB 248227 D01 v02r02

Test Date: September 18 ~ 22, 2019

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
1909RSU018-U2	Rev. 01	Initial Report	10-10-2019	Valid

1. PRODUCT INFORMATION

Product Name:	DOLPHIN CT40
Model No.:	CT40-L0N
Brand Name:	Honeywell
Hardware Version:	1.0
Software Version:	OS.03.001
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 248227 D01 802.11 Wi-Fi SAR v02r02, for OFDM test mode, 802.11n-HT40 conducted output power is less than 802.11g and 802.11n-HT20, so no additional evaluation testing is required.

Average Output Power Table

Test Mode	Data Rate / MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Limit (dBm)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)	Result
Original Test Mode								
11b	1Mbps	01	2412	13.53	≤ 30.00	15.73	≤ 36.00	Pass
11b	1Mbps	06	2437	14.22	≤ 30.00	16.42	≤ 36.00	Pass
11b	1Mbps	11	2462	13.16	≤ 30.00	15.36	≤ 36.00	Pass
11g	6Mbps	s01	2412	13.06	≤ 30.00	15.26	≤ 36.00	Pass
11g	6Mbps	06	2437	13.15	≤ 30.00	15.35	≤ 36.00	Pass
11g	6Mbps	11	2462	13.13	≤ 30.00	15.33	≤ 36.00	Pass
11n-HT20	MCS0	01	2412	12.15	≤ 30.00	14.35	≤ 36.00	Pass
11n-HT20	MCS0	06	2437	12.23	≤ 30.00	14.43	≤ 36.00	Pass
11n-HT20	MCS0	11	2462	12.19	≤ 30.00	14.39	≤ 36.00	Pass
Additional Test Mode								
11n-HT40	MCS0	03	2422	11.81	≤ 30.00	14.01	≤ 36.00	Pass
11n-HT40	MCS0	06	2437	12.05	≤ 30.00	14.25	≤ 36.00	Pass
11n-HT40	MCS0	09	2452	11.86	≤ 30.00	14.06	≤ 36.00	Pass

The End

Appendix A - EUT Photograph

Refer to "1909RSU018-UE" file.