

VARIANT RADIO TEST REPORT

(FCC Part 15 Subpart E / IC RSS-247)


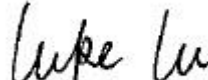
Applicant:	Honeywell International Inc Honeywell Safety and Productivity Solutions
Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States

Manufacturer:	Honeywell International Inc Honeywell Safety and Productivity Solutions
Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States
Product:	Mobile Computer
Brand Name:	Honeywell
Model Name:	CT45-L1N-G
FCC ID:	HD5-CT45L1NG
Date of tests:	Oct. 25, 2021 ~ Nov. 08, 2021

The tests have been carried out according to the requirements of the following standard:

Part 15 Subpart E §15. 407 / IC RSS-247 issue 2

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
	
Date: Nov. 09, 2021	Date: Nov. 09, 2021

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Report Revise Record

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P21080006RF10	Original release	Aug. 31, 2021
W7L-P21040030RF10	Based on the original report W7L-P21080006RF10 Changed LCM to screen HD(1280*720), removing a 2nd BLE and Supercap, Increase the RTC battery, Detail refer to Product Equality Declaration	Sep. 09, 2021
W7L-P21110009RF10	Based on the original report W7L-P21040030RF10 Changing components, add a new screen,added band CA_41C by Software.	Nov. 09, 2021



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Summary of Dynamic Frequency Selection Test

UNII	Bandwidth and Channel	Description	Measured	Limit	Result	Test Lab*
UNII Band 2-A 5250-5350MHz & UNII Band 2-C 5470-5725MHz	80MHz (CH58) 5290MHz	Channel Move Time	0.491s	10 sec	Pass	B
		Channel Closing Transmission time	<200ms + 6.5ms (aggregate)	200 ms + aggregate of 60 ms over remaining 10 s period	Pass	B
		Non-Occupancy Period and Client Beacon Test	No transmission or Beacons occurred	30 minutes	Pass	B
UNII Band 2-A 5250-5350MHz & UNII Band 2-C 5470-5725MHz	80MHz (CH106) 5530MHz	Channel Move Time	0.426s	10 sec	Pass	B
		Channel Closing Transmission time	<200ms + 5.2ms (aggregate)	200 ms + aggregate of 60 ms over remaining 10 s period	Pass	B
		Non-Occupancy Period and Client Beacon Test	No transmission or Beacons occurred	30 minutes	Pass	B

Note:

1. Since the product is client without radar detection function, only Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test are required to be performed.
2. Only the Dynamic Frequency Selection Test result shown on this report. Other parts test result which required in the standard FCC Part 15 Subpart E / IC RSS-247, please refer to the report # W7L-P21040030RF14.
3. Per the change notice provide by manufactory, the difference is changing components, add a new screen, added band CA_41C by Software. All the change no effect any RF parameter. Therefore all the data are reused from the original report. More test details please refer from the original report.

***Test Lab Information Reference**

Lab A:

BV 7Layers Communications Technology (Shenzhen) Co. Ltd

Lab Address:

No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

Accredited Test Lab Cert 3939.01

FCC Site Registration No. : 525120; Designation No. : CN1171;

IC Site Registration No. : 21771-1; CAB Identifier No. : CN0007.

Lab B:

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch.

Lab Address:

No. 34, Chenwulu Section, Guantai Rd., Houjie Town, Dongguan City, Guangdong 523942, China



**BUREAU
VERITAS**

Test Report No.: W7L-P21110009RF10

Accredited Test Lab Cert 2951.01;

FCC Site Registration No. : 749762; Designation No. : CN1174;

IC Site Registration No. : 5936A; CAB Identifier No. : CN0026.

1 General Description

1.1 Applicant

Honeywell International Inc
Honeywell Safety and Productivity Solutions
 9680 Old Bailes Road, Fort Mill, SC 29707 United States

1.2 Manufacturer

Honeywell International Inc
Honeywell Safety and Productivity Solutions
 9680 Old Bailes Road, Fort Mill, SC 29707 United States

1.3 General Description Of EUT

Product	Mobile Computer
Model No.	CT45-L1N-G
HW Version	V1.0
SW Version	OS.11.002-HON.11.002
Power Supply	3.85Vdc (Lithium-ion cell, battery)
Modulation Technology	256QAM,64QAM, 16QAM, QPSK, BPSK for OFDM
Modulation Type	802.11a/n/ac : OFDM
Operating Frequency	U-NII-2A:5250~5350MHz U-NII-2C:5470~5725MHz
Antenna Type	Ant. 1 : LDS type Antenna Ant. 2 : LDS type Antenna
Antenna Gain	<5250 MHz ~ 5350 MHz> 0.62 dBi <5470 MHz ~ 5725 MHz> 0.52 dBi
I/O Ports	Refer to user's manual



NOTE:

1. For a more detailed features description, please refer to the manufacturer’s specifications or the user's manual.
2. This product includes the following four SKU which hardware is exactly same, the difference is described as following, Sample 1 was full test, sample 2 verify the worst case,check worst case Radiated emission:

SAMPLE	EUT CONFIGURATION INFORMATION
1	SKU ID:CT45-L1N-27D120G ,Assembled Scanner Imager: 7-S0703
2	SKU ID:CT45-L1N-28D120G ,Assembled Scanner Imager: 8 - N6803/S0803
3	SKU ID: CT45-L1N-28D120T, Assembled with Scanner: 8 - N6803/S0803 for Turkey Only
4	SKU ID: CT45-L1N-27D120T, Assembled with Scanner: 7-S0703 for Turkey Only
5	SKU ID:CT45-L1N-28D220C, Assembled with Scanner: 8 - N6803/S0803 for China Only with Android non-GMS
6	SKU ID:CT45-L1N-27D220C, Assembled with Scanner: 7-S0703 for China Only with Android non-GMS

3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

List of Accessory:

ACCESSORIES	BRAND	MODEL	SPECIFICATION
Battery	Honeywell	CT50-BTSC	Capacity : 3.85vdc 4020mAh
AC Adapter	HONOR	ADS-12B-06 05010E	I/P:100-240Vac, 0.3A O/P: 5Vdc, 2A
USB Cable	Honeywell	CT40-SN	Shielded, 1.25meter
Earphone	VIVO	N/A	Shielded, 1.27meter
LCD Panel 1	TZD	TS5099	5.0" HD(1280*720)
LCD Panel 2	TIANMA	TM050JVZG53	5.0" HD(1280*720)

1.4 Modification of EUT

No modifications are made to the EUT during all test items.

1.5 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E §15.407
- ♦ FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- ♦ FCC KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02
IC RSS-247 Issue 2
- ♦ The FCC Site Registration No. is 749762; The Designation No. is CN1174.
- ♦ The IC test Site Registration No. is 5936A; The CAB Identifier No. is CN0026

-----End of the report-----