



Safety and Productivity Solutions  
9680 Old Bailes Road  
Fort Mill, SC 29707 USA  
[www.honeywell.com](http://www.honeywell.com) [www.honeywellaidc.com](http://www.honeywellaidc.com)

Date: **May 9, 2022**

Company: **Honeywell International Inc**

To Whom It May Concern,

**FCC ID: HD5-CT60L1N**

### **AUTHORIZATION LETTER**

**Honeywell International Inc** hereby authorizes **Amanda Wu / Senior Specialist of Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch (“BV CPS Taoyuan”)**, to act on its behalf in all matters relating to the Federal Communication Commission (“FCC”) application for equipment authorization in connection with the FCC ID listed above, including signing of all documents relating to these matters. Any and all acts carried out by **Amanda Wu / Senior Specialist of BV CPS Taoyuan** on **Honeywell International Inc’s** behalf, within the scope of the powers granted herein, shall have the same effect as acts of its own.

### **Request for Confidentiality**

Pursuant to the provisions of Sections 0.457 and 0.459 of Commission’s rules (47CFR§§0.457, 0.459), we are requesting the Commission to withhold the following attachments as confidential document from public disclosure indefinitely.

Block Diagram

Part List

Schematics

Above mentioned document contains detailed system and equipment description are considered as proprietary information in operation of the equipment. The public disclosure of above documents might be harmful to our company and would give competitor an unfair advantage in the market.

In additional to above mentioned documents, pursuant to Public Notice DA 04-1705 of the Commission’s policy, in order to comply with the marketing regulations in 47 CFR §2.803 and the importation rules in 47 CFR §2.1204, while ensuring that business sensitive information remains confidential until the actual marketing of newly authorized devices. We are requesting the commission to grant short-term confidentiality request on the following attachments until **180 days** after the Grant Date of Equipment Authorizations.

- ◆ External Photos
- ◆ Internal Photos
- ◆ Test Setup Photos

It is our understanding that all measurement test reports, FCC ID label format and correspondent during certification review process cannot be granted as confidential documents and those information will be available for public review once the grant of equipment authorization is issued.

### **Class II Permissive Change**



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We, **Honeywell International Inc**, hereby declare that we are only and fully responsible for this CIIPC application of FCC ID: HD5-CT60L1N based on the grant issued on **01/31/2018**.

The major change are bellows:

#### SOM Change list

- Underfill Modified
- LPDDR4x Layout Optimization
- Wi-Fi Layout Optimization
- WWAN Path Optimization
- WWAN Shielding Frame Optimization
- WWAN PA Power Optimization
- SOM PAD Mask Optimization
- Change DC regulator and WLAN amplifier DC power
- BOM Change for Optimization
- B25 Duplexer-AVAGO-ACMD-6225-TR1
- B40 TRX filter-AVAGO-ACPF-8240-TR1
- Remove un-used CLK trace WCN\_CLK
- WIFI 11b Power reduction from 18+/-1.5 dB to 17.5+/-1.5 dB
- LTE 7 Power reduction from 23.4 + 1 / -2.7 dB to 23 + 1 / -2.7dB
- GSM 850 Power reduction for Head with WIFI ON mode from 33.4 + 1 / - 2 dB to 32.8 + 1 / -2 dB
- CDMA2K BC0 Power reduction for Head with WIFI ON mode from 24.4 +/- 1 dB to 23.8 +/- 1dB
- CDMA2K BC10 Power reduction for Head with WIFI ON mode from 24.4 +/- 1 dB to 23.8 +/- 1dB
- Enable WIFI 2.4G N40 by software

#### Carrier board Change list

- Scanner change to N6703 imager
- Add 1F/2.7V supercap
- Add MAX38888 DC/DC for supercap charge/ change discharge circuit
- Add low battery protection circuit
- Change speaker and add a connector for it
- Change ADS1014 to ADS1015 to add supercap voltage detection
- AUX antenna tuner circuit change placement location
- Upgrade the SOM to SOM4
- Add a new model battery
- NFC Controller from NQ310 to NQ410
- Add the second source (OV13855 Camera, S0703VE insertion)
- Add the second source (ESD, ADC, OPT Sensor, Translator, 6-axis sensor, Pressure sensor, Analog switch)



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There is a reduced power level table (Initial table) to satisfy the FCC rule requirement. The test report will be submitted for evidence. The source code/SW file about this SW will **ONLY** be held by **Honeywell International Inc** and it is **IMPOSSIBLE** to release these source code/SW file to any other third party to affect the RF function, power, or rating of this device.

Except for the changes mentioned above, no other modification is performed.

If you have any questions regarding the authorization, please don't hesitate to contact us.

Sincerely yours,

A handwritten signature in black ink, appearing to read "M Salahshour".

Mandana Salahshour

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Manager – Regulatory Compliance

Honeywell International Inc

SPS (Safety and Productivity Solutions)

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