

Lumi United Technology Co., Ltd.

April 10, 2023

Federal Communications Commission
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: 2AKIT-CHH03

Applicant: Lumi United Technology Co., Ltd.

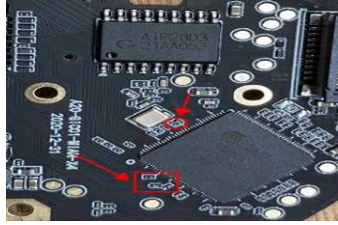
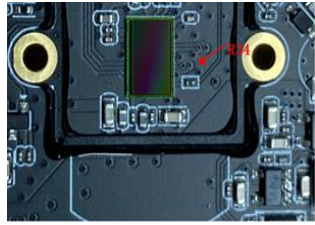
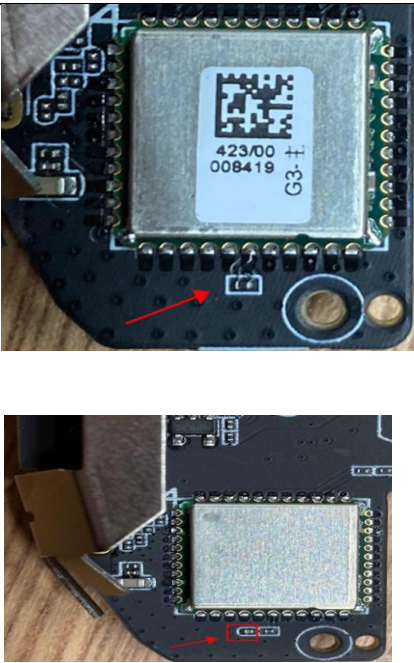
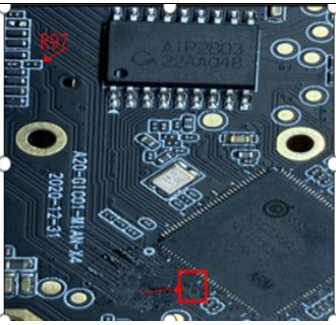
Dear Examiner,

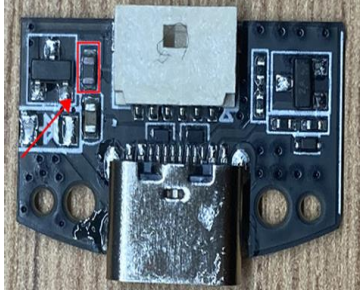
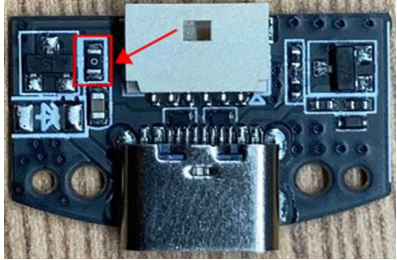
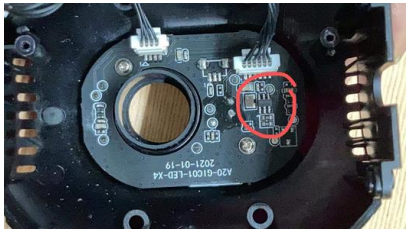

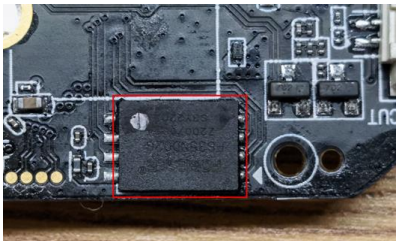

This is to request a Class II Permissive change for FCC ID: 2AKIT-CHH03 originally granted on 09/09/2021.


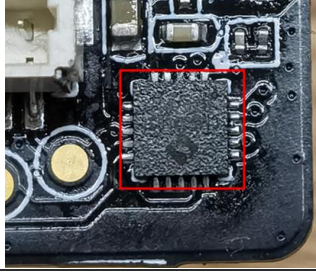
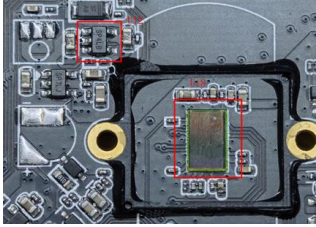
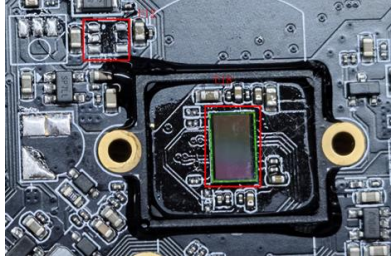
The change under this application is: The 802.11n HT40 mode of the 2.4G Wi-Fi module has been deleted for this model, as well as other modification information in the following table. There are corresponding changes to the circuit schematic and PCB layout, but this will not affect the RF performance test results. For details, see the following table:

Model name	The Original Software Version	The New Software Version
CH-H03	3.2.8_0003.0004	V3.5.2_0010.0004

The Original Version		The New Version	
Change 1. Parameter before change	Bit number C160 is vacant	Parameter after Change	Add C160 capacitor, capacity : 12pF

<p>Change front view 1</p>		<p>Changing the rear view</p>	
<p>Change 2. Add components</p>	<p>1, R97 location as shown below 2, R17, C158, and C159 are empty as shown below 3, R34 is another name on the motherboard, under the camera</p>	<p>Parameter after Change</p>	<p>1, Move bit number R97 position. 2, Move bit number R34 position. 3, Add resistor R17=120R, capacitor C158=27pF, C159=27pF</p>
<p>Change front view 2</p>		<p>Changing the rear view</p>	
<p>Change 3. Change component parameters (Change pcba: usb small version)</p>	<p>bit number: L1 (resistor) Parameter: 0R (usb small version)</p>	<p>Parameter after Change</p>	<p>bit number: L1 (magnetic bead) Parameter: magnetic bead value: 100MHz@120ohm magnetic beads (usb small version)</p>

<p>Change front view 3</p>		<p>Changing the rear view</p>	
<p>Change 4. Parameter before change (U1 added one replacement suppliers)</p>	<p>bit number: U1 parameter : 2. 8V~30V\1MHz\2A\0. 6mA\SOT23-6 SILERGY SY7200AABC</p>		<p>bit number: U1 A: parameter : 2. 8V~30V\1MHz\2A\0. 6mA\SOT23-6 SILERGY SY7200AABC B: parameter : 2. 7~6V\60mA\0. 8MHz\1A\SOT23-6 ETA ETA1617S2G</p>
<p>Change front view 4</p>		<p>Changing the rear view</p>	
<p>Change 5. Parameter before change</p>	<p>Bit number U6 is FORESEE/FS35ND02G-S3Y2QWFI000</p>	<p>Parameter after Change</p>	<p>Bit number U6 is 1. ESMT/F50L2G41XA -104YG2B 2. Winbond/W25N02KVZEIR</p>
<p>Change front view 5</p>		<p>Changing the rear view</p>	
<p>Change 6. Add components</p>	<p>Bit number U19 is HDSC/HC32F005C6UA</p>	<p>Parameter after Change</p>	<p>Bit number U19 is Cmsemicon/CMS32L031QN20</p>

<p>Change front view 6</p>		<p>Changing the rear view</p>	
<p>Change 7. Change component parameters (Change pcba: usb small version)</p>	<p>1.Bit number U18 is SmartSens/SC3335; 2.Bit number U12 is 1.2V LDO.</p>	<p>Parameter after Change</p>	<p>1.Bit number U18 is SmartSens/SC3338; 2.Bit number U12 is vacant.</p>
<p>Change front view 7</p>		<p>Changing the rear view</p>	

I attest that the certified device will not be capable of ad-hoc mode operation outside of the grant conditions.

Sincerely,

Name: Heidi He

Date: 2023/4/10

Title: Certificate Engineer

Signature of applicant *Heidi. he.*