

# AirTies Wireless Networks

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## Class II Change Letter

Date: 2022/8/17

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia MD 21046  
To Whom It May Concern:  
Request for Class II Permissive Change

FCC ID: Z3WAIR4980 / Grant Date: 07/01/2022

Pursuant to CFR 2.1043, AirTies Wireless Networks hereby requests a Class II Permissive Change.

### Modification:

- 0201 package MLCCs which are located in 6G&5G FEM supply circuitry have been changed to 0402 package MLCCs (C328, C356, C384, C412, C892, C930, C385, C390, C893, C899, C931, C937 footprint change) due to manufacturing assembly feedbacks.
- ECAPs as inserted in 5V DC switcher output according to to more stabilize the supply voltage.
- MLCCs have been added to CPU Core regulator output and Radio IC Core regulator output according to broadcom suggestion.
- Reserved MLCCs have been added according to 1.8V power rail measurements.
- 3.3V DC switcher and its peripheral components have been changed due to component shortage and availability.
- 5V DC switcher and its peripheral components have been changed(different vendor) due to component shortage and availability.
- JTAG\_SEL functionality of Radio IC has been disabled due to it's not used.
- PCB layout and P/N changed from PCB-4980-D01-M01-R05 to PCB-4980-D01-M01-R06 due to the changes listed above.
- the Alternate components have been added into the BOM file for U6 (NAND Flash) due to component shortage and availability

|                 | Original |                 | C2PC    |                   |
|-----------------|----------|-----------------|---------|-------------------|
| Placement       | Brand    | Model           | Brand   | Model             |
| U6 (NAND Flash) | Macronix | MX30LF1G18AC-TJ | SkyHigh | S34ML01G200TFV000 |

### Note:

There is no change in software.

There is no any software that can be modified by end-user

Respectfully,

Applicant's company name : AirTies Wireless Networks

Applicant's company address : Sehit Mehmet Mikdat Uluunlu Sokagi No:23 Esentepe, Sisli İstanbul, 34394  
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Signature :



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