

Airties Wireless Networks

Sehit Mehmet Mikdat Uluunlu Sokagi No:23 Esentepe, Sisli İstanbul, 34394 Turkey

Class II Change Letter

Date: 2023/6/15

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

To Whom It May Concern:
Request for Class II Permissive Change

FCC ID: Z3WAIR4985 / Grant Date: 12/27/2022

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

Modification:

1. Adding one adapter model name: NBS24M120200VU
2. PCB layout and P/N changed from PCB-4985-D01-M01-R02 to PCB-4985-D01-M01-R03 PCB layout and P/N changed from PCB-4985-D01-M01-R02 to PCB-4985-D01-M01-R03.
3. Layout change for adding capacitors new brand: Richtek, model NO. RT6278BHGQUF, and change power inductor, old brand: TAI-TECH, model No : TMPF0402LR-1R2MN-ABD, new brand: MAGLAYERS, model NO: MNR-8040-2R0N-CP.
4. Layout changed for 3.3V DC switcher.
5. Layout change for new DC switcher design , power inductor changed, old brand: Chilisin, model NO. BMMA000606301R2MX1, new brand : MAGLAYERS, model No. MNR-8040-1R4M-BL.
6. Layout change for new 5V DC switcher design
7. The RJ45 connector changed, The old Part Number: SK01-G110060NL ,brand: CSAK, and the new part number is SK01-G110067NL, brand: CSAK.
8. MLCCs have been added to CPU Core regulator output and Radio IC Core regulator output according to Broadcom suggestion.(C1091, C1092,C1094). Brand : Taiyo Yuden , model No: JMK107BC6106MA-T.
9. Reserved MLCCs have been added according to 1.8V power rail measurements, brand :Yageo , model NO. : CC0402KRX5R6BB104.
10. JTAG_SEL function of the Radio IC has been cancelled, and the component at position R178 has been removed.
11. MLCC capacitor packages have been removed for 6G&5G FEM supply circuitry, the placement is C412, C384, C356, C328.
12. 6 GHZ Co-existence filters have been removed (by passed) from 5G RX Chains (FL1, FL4, FL7, FL10).
13. Co-existence filters have been removed (by passed) from 2.4G RX Chains (U17, U19).

Note :

1. There is no any software that can be modified by end-user.
2. The listed modifications are all about non-transmitter portions.

Respectfully,

Applicant's company name : Airties Wireless Networks

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

Signature :



Name and Job Title : Mehmet Unal / Sr. Compliance Manager, CPE PL

E-Mail : mehmet.unal@airties.com

Tel : 90 212 318 62 00 (ext:6231)

Fax : +90 212 318 62 98