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-R03PCB layout and P/N changed from PCB-4985-D01-M01-R02 to PCB-4985-D01-M01-R03.
- 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

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Applicant's company address

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Signature

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