

Date : 12 May 2021

Office of Engineering and Technology
Laboratory Division
Equipment Authorization Branch
Federal Communications Commission Laboratory
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Application for Permissive Change Class 2 to FCC Authorized Transceiver with FCC ID: AZ489FT7134

A permissive change is requested for EVOLVE-i and EVOLVE which is marketed in the United States.

A. DESCRIPTION OF PRODUCT CHANGES:

During the previous C1PC certification, the model EVOLVE has been assessed and tested from the vintage P2.2 to P3.0. The new model EVOLVE-i is added to this current C2PC certification with the same vintage as EVOLVE model, which is P3.0. The list of changes that is required for the current C2PC filing as below.

1. Battery BT000593A01 (Existing battery):

- i) The battery BT000593A01 had removed the UL circuitry by changing the ACL current limit trip from 4.18A to 8.42A.
- ii) This battery will only be offered to EVOLVE radio.

2. Added a new battery BT000594A01:

- i) This battery will only be offered to EVOLVE-i radio.

3. Added a new radio model (EVOLVE-i):

- i) Both EVOLVE and EVOLVE-i model has the same PCB and traces.
- ii) EVOLVE-i models has protection components compliance to UL913 edition5 , Class I, Division 1, Groups C and D classification. Class 2, Group E,F,G. Class 3 , Class 1, Division 2, Group A,B,C,D, T3C.
- iii) Both EVOVLE and EVOVLE-i has the same RF sections (TX and RX lineup).

4. Minor label update for EVOLVE model.

B. PERFORMANCE DIFFERENCES:

EMC Part 15B has been assessed and shown compliance. However EME was found degraded as compared to previous data on file with the FCC.

C. CONCLUSION

This radio continues to meet all FCC emissions requirements for which authorization was granted. However, the EME has degraded compared to those originally reported, thus this change does meet requirements of a Class-2 Permissive Change.

Sincerely,



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