

Date: October 23, 2019

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

Subject: Application for Class 2 Permissive Change to FCC Authorized Transmitter with  
FCC ID: ABZ89FC5812B

Dear Sir/Madam,

A Class 2 Permissive Change is requested for the subject transceiver which marketed in the United States and elsewhere.

#### A.DESCRPTION OF PRODUCT CHANGES

Existing parts that fall under categories such as End of Life (EOL), non-approved supplier list (ASL) and design optimization purpose has been replaced with new parts from approved supplier list (ASL) or dual-sourced in order to continue supply, the component changes are made within the power amplifier module and transceiver module.

The component changes are:

- 1) Pin-to-pin compatible
- 2) Has the same basic function as the previous chip
- 3) No change in radio parameters

The product changes does not impact EME performance.

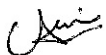
#### B.PERFORMANCE DIFFERENCES

RF and EMC has been assessed and no degradation found.

#### C.CONCLUSION

This radio continues to meet all FCC emissions requirements for which authorization was granted.

Sincerely,



Arine Lee  
FCC/IC Certification Manager  
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