

Date: February 9, 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 Class 2 Permissive Change to FCC Authorized Transceiver with FCC ID: AZ492FT7118

Dear Sir/Madam,

A permissive change is requested for the subject transceiver which is marketed in United States and elsewhere.

**A. DESCRIPTION OF PRODUCT CHANGES:**

- New parts have been implemented and the component changes are made only within the transmitter. The component changes are as follows:
  - Drop in replacement of the final stage Power Amplifier MOSFETs for all bands, the antenna switch and the capacitors.
    - Pin-to-pin compatible
    - Has the same basic function as the previous chip
    - No changes in radio parameters
    - Does not impact PCB re-layout (Transmitter)
  - Replace the High Voltage Pin Diode Driver and introduce Zener diodes on the Gate Bias path of all the final stage power amplifiers.
    - Has the same basic function as the previous chip
    - No changes in radio parameters

**B. PERFORMANCE DIFFERENCES:**

- EMC has been assessed and found no degradation. However, degradation was found in EME for MPE compared to the original filing but still within the FCC limits.

**C. CONCLUSION:**

- This radio continues to meet all FCC emissions requirements for which authorization was granted. However, degradation was found in EME compared to the original filing but still meet requirements of a Class-2 Permissive Change.

A complete Certification application is enclosed. If you require any additional information, please contact me at (954) 723-4707.

Sincerely,



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