

Date: 19 December 2025

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: AZ489FT7100

Dear Sir/Madam,

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

A. DESCRIPTION OF PRODUCT CHANGES:

- i. The Rodinia chipset change (P/N: IC001614A01) is replaced to ensure the continuity of supply for the current shipping product. It is a fab location change from the same manufacturer. No layout change as the part is the same size and footprint. This component is used at the receiver backend interface.
- ii. There are other EOL parts including capacitors and resistors placed on the same location as previous with re-layout done to match the pin output difference. Drop in replacement of inductors L0424 and L0422 in receiver section. The overall design remains the same and does not impact radio receive/transmit RF performance.
- iii. RF Power transistor for Driver (P/N: CR001173A01) is replaced due to EOL PCN with change in wafer fabrication site. New Parts placed on the same location as previous with no layout change. This part change impacts the transmitter line up.

B. PERFORMANCE DIFFERENCES:

EMC and EME testing found degradation as compared to the previous filing but the data continues to be compliant within the FCC limits.

C. CONCLUSION:

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

Sincerely,



Arine Lee
FCC/ISED Certification Manager
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