

Date: March 22, 2024

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: AZ489FT4971

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:

1. A cost down initiative has been introduced to cut down the cost for the product. 2 VCO becomes a single VCO in the VCO section but not impacting the radio performance.
2. Removal of components at TX VCO and TX VCO Buffer schematic to address the cost down initiatives.
3. From Not Placed to Placed component for Low Pass Filter Circuitry in the Transmitter section and some surrounding circuitry with some value changes.

Section	Default (Before)	Cost Down (After)
VCO 1	RX	RX and TX
VCO 2	TX	Do Not Place
VCO – TX Buffer	Yes	Do Not Place
Low Pass Filter Transmitter Power	Do Not Place	Placed and Value Change

B. PERFORMANCE DIFFERENCES:

EME has been assessed and no degradation was found, however EMC observed degradation as compared to the previous filing but the data continues to be compliant to the FCC limits.

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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