

Date: February 23, 2022

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: AZ489FT6028

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) Changing the passive component value at antenna matching section, LED brightness section and audio section for optimization and LED driver section due to Do Not Use (DNU) part.

Section	Part
Antenna matching	Inductor
	Capacitor
LED brightness	Resistor
LED driver	Resistor
Audio	Resistor

- 2) There are mechanical changes as below:
 - a. Avoid Bluetooth antenna detached by applying Loctite 3609 around the antenna body to bond the antenna to PCB.
 - b. Improved robustness for drop test by adding interlocking between front housing and rear housing and O-ring tabs.
- 3) Bluetooth output power changed from 10dBm to 4dBm without affecting 30m line of sight range test. This is only software change and there is no electrical or mechanical changes involved.

B. PERFORMANCE DIFFERENCES:

EME & EMC has been assessed and no degradation was found compared to the original filing and still within the FCC limits.

C. CONCLUSION:

These radios continued to meet all FCC emissions requirements for which authorization was granted.

Sincerely,



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FCC/IC Certification Manager
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