



April 10, 2020

**Subject: FCC Part 15C and RSS-GEN/RSS-247, CLASS 2 PERMISSIVE CHANGE for Radio Systems Corp. Model SDT52-14790, FCC ID: KE3-3002862 and IC: 2721A-3002862**

The purpose of this report is to file for a Class II Permissive Change for the following reasons:

-The microcontroller and GPS module in the non-transmitter portion of the PCB has been updated to the following: Microcontroller changed from Microchip Technology/PIC18F67J94 to Cypress/CY8C2447, GPS changed from Fastrax/IT530 to Ublox/ZOE-M8Q.

-The edge plating has been removed to improve manufacturability. This change does not affect the radio section.

-SAW filters were removed from the radio section to reduce cost. The removal of the filters do not impact the operating frequency or channel output power. These parameters remain identical to the original submittal.

No other hardware changes have been made to the original product. The changes described in this filing result in the same RF characteristics as in the original filing and the other original test results continue to be representative of and applicable to the equipment.

There is no increase in the output power and no RF Exposure condition changed; the device remains the same equipment class and there are no other changes to the device that indicate a need for a new FCC or IC ID.

The test report shows that the product continues to meet the applicable subpart for CFR 47, Part 15.207, 15.209, and 15.247 and RSS-GEN and RSS-247.

See the test report and additional submittal exhibits for details.

Best Regards,

A handwritten signature in cursive script that reads 'Sandi McEnery'.

Sandi McEnery  
Agent for Radio Systems

**3505 Francis Circle, Alpharetta, GA 30004**  
**PH: 770-740-0717 Fax: 770-740-1508**  
[www.ustech-lab.com](http://www.ustech-lab.com)