

10 April 2017

Office of Engineering and Technology  
Laboratory Division  
Equipment Authorization Branch  
FCC Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

Subject: Application for Class 2 Permissive Change to FCC Authorized Transceiver with  
FCC ID: AZ489FT4927

A permissive change is requested for T503 and T631, 462-467 MHz Portable (the subject transceiver) which is marketed in the United States and elsewhere.

Product Name	Product Description
T503	T503 FRS CONSUMER RADIO 462-467MHZ, ORANGE, 2W GMRS, 0.5W FRS GMRS/FRS: 462.5625 – 462.7125MHz FRS: 467.5625 – 462.7125 MHz GMRS: 462.5500 – 462.7250MHz 161.650 – 162.550 MHz, Rx only - weather
T631	T631 FRS CONSUMER RADIO 462-467MHZ, YELLOW, 2W GMRS, 0.5W FRS GMRS/FRS: 462.5625 – 462.7125MHz FRS: 467.5625 – 462.7125 MHz GMRS: 462.5500 – 462.7250MHz 161.650 – 162.550 MHz, Rx only - weather

**A. DESCRIPTION OF PRODUCT CHANGES:**

Adding 2 new models (T503 & T631) into existing family and offered to US & Canada market.

1. T503 model are electrically identical to T600 except some mechanical change which includes removing light reflector, light button, water sensor and vibrator, that does not impact RF performance.
2. T631 model are electrically and mechanically identical to T600 model except housing color (Yellow).

**B. PERFORMANCE DIFFERENCES:**

No impact to the RF/EMC performance that is already on file with the FCC for this transmitter, however observed SAR degradation for T503 model.

**C. CONCLUSION:**

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

EXHIBITS 13A



FCC ID: AZ489FT4927

Sincerely,

A handwritten signature in black ink, appearing to read 'Arine Lee'.

Arine Lee  
Regulatory Compliance Engineer  
Email: [arinelee@motorolasolutions.com](mailto:arinelee@motorolasolutions.com)

EXHIBITS 13A