



6th April 2018

To Whom It May Concern

Subject: **Class II Permissive Change Request**

Applicant: Futurecom Systems Group, ULC
Product: MOBEXCOM DVR Digital Vehicular Repeater
Model: MOBEXCOM DVRS UHF
FCC ID: LO6-DVRSUHF

Dear Sir/Madam,

I hereby appoint UltraTech Engineering Labs Inc. (UltraTech) to act as my agent in preparation of this application to FCC for a Class II Permissive Change under FCC Rules. This change is one of many that were approved by the FCC and/or TIMCO and/or UltraTech.

Customers of Futurecom intend to use Mobexcom DVRS UHF, Motorola VHF, UHF, 700MHz and 800MHz Digital Mobile radios and specific antennas as a package. The Mobile radios tested for this submission are authorized under FCC ID: AZ492FT7089. See the attached RF Exposure Reports.

A Class II Permissive Change is required to certify minimum distances between the vehicle and bystanders with both the Mobexcom DVRS UHF and the various Motorola mobile radios. MPE measurements were performed on the Mobexcom DVRS UHF and the various mobile radios with antennas mounted on a car. It was determined that the combined Mobexcom DVRS UHF and the mobile radio maximum power density is less than maximum allowed value.

The combined system (the DVRS and the Mobile Radio) have no effect on the RF performance or power out of the system.


The operation of the DVRS System can be found on pages 6 through 8 of the draft Users Manual.

All hardware for this system complies with the requirements of 90.247 and it is the responsibility of the Licensee to comply with the operational requirements of this section.

The MPE Report, draft Users Manual, and the RF Safety Booklet are attached.

I also certify that the information provided, properly described the device or system for which Class II Permissive Change is required.

Sincerely,


Tony Bombera, P.Eng.