



15<sup>th</sup> November 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 DVR 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 DVR UHF transmitting simultaneously with Companion Mobile radio (FCC ID: AZ492FT7118), using various combinations of antennas. See the attached MPE/SAR Assessment Reports. The antennas used for this Class II Permissive Change are HAE6012A, HAE4003A and HAE4004A for the Mobexcom DVR UHF and HAD4016A, HAD4017A, HAD4021A, HAD4006A, HAD4007A, HAD4008A, HAD4009A, HAD4022A, RAD4010ARB, HAE6010A, HAE6011A, HAE6012A, HAE6013A, HAE6031A, HAE4003A, HAE4011A, HAE6015A, HAE6016A, RAE4014ARB, HAE4004A, HAE4012A, HAE4013A, RAE4015ARM, RAE40416ARB, HAF4013A, HAF4014A, HAF4016A, HAF4017A, AN000131A01, PMAN5100A, AN000163A01, AN000163A05 and PMAN5101A for the Companion Mobile radio.

A Class II Permissive Change is required to certify minimum distances between the vehicle and bystanders with both the Mobexcom DVR UHF and the Motorola mobile radio. SAR Computational Simulations were performed on the Mobexcom DVR UHF and the mobile radio with different antennas mounted on a car.

The combined system (the DVR and the Mobile Radio) have no effect on the RF performance but the aggregate exposure and power are both higher for the combined system.

The operation of the DVR 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/SAR Assessment Reports, 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,

A handwritten signature in black ink, appearing to read "T. Bombera". The signature is fluid and cursive, with a long horizontal stroke at the end.

Tony Bombera, P.Eng.