



**UltraTech**

Group of Labs

**UltraTech's  
Accreditations:**



0685



C-1376



3000 Bristol Circle,  
Oakville, Ontario,  
Canada L6H 6G4

Tel.: (905) 829-1570  
Fax.: (905) 829-8050

Website: [www.ultratech-labs.com](http://www.ultratech-labs.com)  
Email: [vic@ultratech-labs.com](mailto:vic@ultratech-labs.com)

April 05, 2007

**TIMCO ENGINEERING INC.**

P.O. Box 370  
849 N.W. State Road 45  
Newberry, Florida  
USA 32669

**Sub: Class II Permissive Change Acceptance Application**

**Applicant:** Futurecom Systems Group Inc.  
**Product:** MOBEXCOM DVR Vehicular Repeater  
**Model:** MOBEXCOM DVR UHF  
**FCC ID:** LO6-DVRSUHF

Dear Sir/Madam,

The Mobexcom DVR Vehicular Repeater System is FCC certified with condition for RF Exposure Compliance requirement of minimum separation distance of 75 cm from all persons and must not exceed an antenna gain of 0 dbd.

A customer of Futurecom intends to use Mobexcom DVR UHF, a Motorola 450-512 MHz or 7/800 MHz XTL5000 Digital Mobile radios, a specific 05 Control Head and specific antennas as a package. The Mobile radios tested for this submission are authorized under FCC ID: AZ492FT5823 & AZ492FT4867.

A Class II Permissive Change is required to certify minimum safe separation distance of 90 / 60 cm or more between the vehicle body and bystanders with both the Mobexcom DVR UHF and the Motorola UHF / 7/800 MHz XTL5000 mobile radio transmitting simultaneously. MPE measurements were performed with both units installed in a typical vehicle. It was determined that the combined Mobexcom DVR UHF and the mobile radio maximum power density is less than maximum allowed value.

A MPE evaluation test report is attached showing compliance with FCC RF Exposure power density requirements in above configuration. Please review all necessary files uploaded to TIMCO E-filing site.

If you have any queries, please do not hesitate to contact us,

Yours truly,



Tri Minh Luu, P. Eng.,  
V.P., Engineering