



**Ultratech's  
Accreditations:**



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August 03, 2007

**FEDERAL COMMUNICATION COMMISSION**

7435 Oakland Mills Road  
Columbia, MD 21046  
USA

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

**Applicant:** Futurecom Systems Group Inc.  
**Product:** MOBEXCOM DVR Digital Vehicular Repeater  
**Model:** MOBEXCOM DVR VHF  
**FCC ID:** LO6-DVRSVHF

Dear Sir/Madam,

The above product was originally certified by a FCC TCB, we are submitting this C2PC application to FCC as a special case because the TCB may not be allowed to review MPE compliance based on the SAR Computational Analysis.

A customer of Futurecom intends to use the above Mobexcom DVRS VHF with a Motorola UHF digital mobile radios, a specific 05 control head and specific antennas as package.

A Class II Permissive Change acceptance is required to certify minimum safe separation distance of 90cm or more between the vehicle body and bystanders & 85cm between the antenna and passenger, when both the Mobexcom DVRS VHF and the UHF mobile radio(s) are operating simultaneously. A MPE measurements and SAR Computational Analysis were performed on the Mobexcom DVRS VHF and the UHF mobile radio(s) with antennas mounted on a car as shown in the reports. FCC rules require compliance for passengers and bystanders to the FCC General Population/Uncontrolled limits. Although MPE is a convenient method of demonstrating compliance, SAR is recognized as the "basic restriction". For those configurations exceeding the MPE limits, compliance to the FCC/IEEE SAR General Population/Uncontrolled limit of 1.6mW/g is demonstrated in using SAR computational analysis.

Please review all necessary files uploaded to FCC 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