



**Ultratech's  
Accreditations:**



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March 26, 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 UHF  
**FCC ID:** LO6-DVRSUHF

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.

The customer of Futurecom intends to use the above Mobexcom DVR UHF with a Motorola VHF or 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 DVR VHF and the VHF/UHF mobile radio(s) are operating simultaneously. A MPE measurements and SAR Computational Analysis were performed on the Mobexcom DVR UHF and the VHF/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