



**Ultratech's  
Accreditations:**



0685

**FCC**  
91038



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NvLap Lab Code 200093-0



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December 20, 2012

**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:

As appointed agent for **Futurecom Systems Group Inc.**, we like to submit the Class II Permissive Change (C2PC) certification application with MPE & SAR Computational Analysis for the above product. Please review all files uploaded to FCC E-filing site.

The customer of Futurecom intends to use the above Mobexcom DVR UHF with Motorola VHF/UHF/700/800 bands digital mobile radios, a 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 UHF and the VHF/UHF/700/800 bands mobile radio(s) are operating simultaneously. MPE measurements & SAR computational Analysis are performed for these configurations with antennas mounted on a car as shown in the setup diagrams and 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 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,

*Dharmajit Solanki*

Dharmajit Solanki  
Authorized Agent