



FCC TCB & IC CB

**Ultratech's
Accreditations:**



0685

FCC

91038



1309



46390-2049



NvLap Lab Code 200093-0



SL2-IN-E-1119R



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

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

Website: www.ultratech-labs.com
Email: vic@ultratech-labs.com

April 01, 2013

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 800
FCC ID: LO6-DVRS800

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 800 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 800 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