



November 22, 2005

**FEDERAL COMMUNICATIONS COMMISSION**

Attention: Tim Harrington  
7435 Oakland Mills Road  
Columbia, MD 21046  
U.S.A.

**Re: FCC ID: LO6-DVRS700**  
**Applicant: Futurecom Systems Group Inc**  
**Correspondence Number: 24750**  
**731 Confirmation Number: TC188794**  
**Date of Original E-Mail: 11/21/2005**

Dear Tim,

Here is the information you requested:

- Q1) Annex D is cited in MPE report but is not included in filing - please submit.
- R1) Appendix D is submitted at this time.
- Q2) MPE measurements were done at 90 cm from vehicle body. What is distance between VHF antenna and test position 1? What is distance between DVRS antenna and test position 5?
- R2) The distance from the roof mount VHF antenna to the by-stander at position 1 is 187.5cm. The distance from the trunk mount DVR antenna to the by-stander at position 5 is 127cm.
- Q3) What is rationale to choose 90 cm from vehicle as test position locations?
- R3) Historically Motorola mobile radio User Manual instructions were based on a bystander separation distance from the vehicle mounted antenna. IEEE C95.3-2002 Section 6.3.6.3 recommends maintaining the field probe a minimum distance of 20 cm from passive re-radiators such as the vehicle body. Since Motorola test procedures reflected this recommendation, FCC requested Motorola to instruct operators, in addition to assuring bystanders remain a specified distance from the antenna, to also assure a separation of 20 cm from the vehicle body. In order to avoid two different separation instructions Motorola revised standardized mobile radio user instructions to reference the vehicle body, which not only satisfied the FCC concern but also simplified the instructions for the operator. For rated transmit power 40 Watts and higher the standard Motorola mobile radio separation distance from the vehicle body is 90 cm.

Q4) This Class II permissive change filing has evaluated specific transmitter and antenna collocated conditions for operation with FCC ID AZ492FT3808. Like that FCC ID, please include the following or similar in grant conditions for this filing: This transmitter is certified to operate with the antennas and installation configurations tested for this filing, with companion mobile radio operating in push-to-talk mode with a duty factor not exceeding 50%.

R4) We are in agreement with the Commissions' request to add the above noted Grant conditions.

Sincerely,

Tony Bombera, P.Eng.