



20<sup>th</sup> December 2001

Mr. Stan Lyles  
Authorization & Evaluation Division  
Federal Communications Commission Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

Re: Form 731 Confirmation Number: EA102752 with FCC ID: AZ492FT3802.

Dear Mr. Lyles;

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its response to the 13<sup>th</sup> December 2001 request for information in Correspondence Number 21488.

- Q1) The Modulation Limiting plots you have submitted, pages 6B-3 and 6B-4 of test report, are not acceptable. Please send plots showing the transmitter deviation as a function of input level for several different modulating tones - per Section 2.1047(b).
- R1) Transmitter deviation is presented as a function of modulation frequency in the plots in 6B-3 (Modulation Limiting versus Frequency). In those graphs, the modulating tone is swept from 100 Hz to 10 kHz. The frequency from 6B-3 which causes the greatest deviation (in this case, a 1 kHz audio tone) is used as the modulating tone in 6B-4, in which the audio input level is swept. Since other audio frequencies would generate lower deviation levels (as shown in 6B-3), the graphs in 6B-4 illustrate Modulation versus Input Audio Level results for the worst-case input frequency.
- Q2) The Users Manual should contain instructions for proper mounting of the unit, spacing from the antenna(s) to nearby persons and antenna gain limits to satisfy MPE limits.
- R2) The final version of the VRS 750 Detailed Service Manual contains instructions for proper mounting of the unit, pages iv and 7, spacing from the antenna(s) to nearby persons, page iv, and antenna gain limits to satisfy MPE limits on page iii.

Contact me at (954) 723-5793 if you require any additional information.

Regards,  
**/s/ Mike Ramnath**  
FCC Liaison  
Email: [mike.ramnath@motorola.com](mailto:mike.ramnath@motorola.com)