



MOTOROLA

Date: April 24, 2000

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

Dear Mr. Coperich;

FCC ID: AZ489FT5795, Confirmation Number: EA96938, Correspondence Number: 13354

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its response for the above Certification application.

- 1) It is not clear if both antennas, quarter and half-wave, have been evaluated for SAR compliance, please clarify.

Both the quarter and half-wave antennas were evaluated for SAR compliance. The SAR Test Report already submitted, dated Feb. 25, 2000, covers this in two areas:

- a. The SAR scan on page 17 is with and shows the half-wave antenna (NAF5037) and the SAR scan on page 18 is with and shows the quarter-wave antenna (NAF5042).
- b. As pictured in Figure-1, on page 11, shows the quarter-wave antenna and Figure-2, on page 12, shows the half-wave antenna.

- 2) Please confirm that this device will be marketed for occupational use with respect to controlled SAR limit, which requires the users to have knowledge to control their exposure condition and duration to satisfy RF exposure requirement, and clarify how user training will be accomplished.

This device is designed specifically for use in workplaces (occupational/controlled environment) and will be marketed to federal government and public safety agencies and private businesses such as utilities, airlines, railroads. These radios are typically used in a disciplined way to help improve productivity, control and coordinate work teams, and enhance personal safety. Push-to-talk two-way radio conversations are measured in seconds, not minutes.

The user's manual provides clear instructions on proper usage, including a specific section on EME. While user training is the responsibility of the customer, who uses manuals, instructional sessions or other means to inform workers, Motorola also offers its customers training classes on the proper use of two-way radios.

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

Regards,

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