



MOTOROLA

FCC ID: AZ489FT4855

Date: 2nd May 2003

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

Subject: Application for a Class II Permissive Change Request to Certified Transmitter with
FCC ID: AZ489FT4855.

Gentlemen:

Motorola Inc, 8000 West Sunrise Boulevard, Fort Lauderdale, Florida, herein submits its' Class II Permissive Change application for the subject transmitter.

The Class II Permissive Change request is due to design changes to the main RF shield over the main RF printed circuit board of the transceiver. The fit of this shield is such that at the extremes of the assembly tolerances, small gaps can occur at the interface between the main shield and the radio chassis. These gaps are acting as slot radiators at the high frequency end of the test range (> 2.5 GHz). Motorola is undertaking steps to mitigate the occurrence of these slots by adding features in this RF main shield to break up these slots and to create a tighter shield/ chassis interface.

Performance data on radiated and conducted spurious emissions were obtained in accordance with 47 CFR 2.1053 and 2.1057. Revised Exhibits 6F and 6G attached contain data showing that all radiated and conducted spurious emissions are within FCC limits. However, there was an occurrence where the radiated spurious emissions exceeded those in the original filing by an amount greater than the measurement uncertainty.

We also affirm that this radio product continues to comply with the 47 CFR 2.1093 requirements for the controlled environment.

Since the radiated spurious emissions exceed those originally reported by an amount greater than that attributable to measurement uncertainty, this change does not meet the requirements for a Class I Permissive Change. However, the performance data conforms to FCC limits, thus meeting the requirements for a Class II Permissive Change.

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

Sincerely,
/s/ Mike Ramnath (signed)
Mike Ramnath
FCC Liaison
Email: mike.ramnath@motorola.com