



Date: 5th September 2003

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

Re: **Application for a Class II Permissive Change request to certificated transceiver with FCC ID: AZ489FT5822.**

Gentlemen:

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits a request for a Permissive Change Class II in reference to a transceiver, which is marketed in the United States and elsewhere as the iDEN model i205 (model H62XAH6RR1AN).

A. DESCRIPTION OF PRODUCT CHANGES:

This request adds a new iDEN model **i305** which is identical in circuit to the iDEN model i205, with the exception of the external housing. A new Exhibit 3 "External Photographs" is included as an attachment to this request.

B. PERFORMANCE DIFFERENCES:

The iDEN model i305 was subjected to radiated spurious emissions and human RF exposure evaluations. Degradation of some characteristics were observed so measurement data is provided in the associated attachments for those characteristics that exhibited degradation. Since the SAR measurement and radiated spurious emissions exceeded those originally reported by the model i205 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.

The SAR performance of this derivative radio product was verified by the A2LA-certified Motorola Plantation EME Laboratory and compared with the measurements on file with Federal Communications Commission for FCC ID: AZ489FT5822. A SAR report is provided as an attachment detailing the measured values. We affirm that this radio continues to comply with the 47 CFR 2.1093 requirements for the uncontrolled environment.

Performance data on radiated spurious emissions was obtained in accordance with 47CFR 2.1053 and 2.1057. Attached revised Exhibit 6 contains data showing that the radiated spurious emissions remain within FCC limits. Radiated spurious emissions measurements were performed at the Open Air Test Site of the Motorola EMC Lab, 8000 West Sunrise Boulevard, Plantation, Florida 33322 that is accredited to ISO/IEC 25 from the American Association for

Laboratory Accreditation (FCC Registration 91932/Industry Canada: IC3679).

C. CONCLUSION:

SAR and radiated spurious emissions measurements exceed those originally reported to the FCC but still 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*)

FCC Liaison

Email address: Mike.Ramnath@motorola.com

Attachments:

Exhibit 3 External Photos

Exhibit 6.4 Radiated Spurious Emissions

Exhibit 11 SAR Report