



MOTOROLA

8th August 2001

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

Re: Application for a Class II Permissive Change request to the FCC authorized transceiver with FCC ID: AZ489FT5793 which is marketed in the United States and elsewhere as the iDEN model i1000plus.

Gentlemen:

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its' request for a Class II Permissive Change for the above transceiver.

DESCRIPTION OF PRODUCT CHANGES:

A printed circuit board layout change is proposed to accommodate a change in the package used for the reference frequency crystal Y300 from a leaded version to a leadless version. Photographs are attached showing the proposed circuit board layout and component form factor. The values of two associated capacitors were changed to match the characteristics of the new Y300 Package.

No change is made in the transmit output power, antenna assembly or the configuration and assembly of the unit.

PERFORMANCE DIFFERENCES:

There is no change in the frequency stability characteristic because the transmitter utilizes an automatic frequency control system to lock to the associated base station transmitter frequency, as described in Exhibit 6.6 provided with the original application.

Performance data on radiated spurious emissions was obtained in accordance with 47 CFR 2.1053.

Revised Exhibit 6.4 (figure 6-18, 6-21) attached shows that all radiated spurious emissions are within FCC limits, but exceeded those in the original filing. All radiated spurious emissions performance measurements were performed at the Motorola Boynton Beach Facility OATS that is an FCC listed site.

CONCLUSION:

This radio continues to meet all FCC emission requirements for which authorization was granted. 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.

Since no change was made in the transmit output power, antenna assembly or the configuration and assembly of the unit, RF exposure did not degrade. Accordingly, we affirm that there is no increase in SAR for all operating modes and configurations, including the 67% duty factor for data mode, for body-worn use and the battery options, with respect to all previous filings for this FCC ID number.

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

Regards,
/s/Mike Ramnath
FCC Liaison
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