



**MOTOROLA INC.**

April 18, 2001

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

RE: Application for Cellular Transceiver Certification

Gentlemen:

Motorola Inc., 1475 West Shure Drive, Arlington Heights, Illinois 60004, is submitting for Equipment Authorization to the FCC, using Elite Electronics Engineering, Inc., of Downers Grove, IL, of a Cellular Transceiver, FCC ID: IHET5AW1. The proper fees for certification and confidentiality have been submitted to Elite.

This equipment has the capability to operate using Code Division Multiple Access (CDMA) on a spread spectrum signal operating in the cellular band. This more efficient modulation scheme can provide 3 to 10 times the number of available voice channels when compared to existing analog technologies. Technical details for this alternate cellular technology (permitted under the cellular service option provisions in section 22 Subpart H of the Commission's rules) related to certification of this equipment, are provided in the Statements of Certification Exhibit, and throughout the other exhibits.

It is important to note that this particular product contains the exact same components as that of a previous filing, FCC ID IHET5YP1. The only additional components in this product are a -48 V to 28 V power supply converter, and components required to facilitate the power supply conversion. This being the case, the test report in this filing uses data from the IHET5YP1 test report, except for the radiated emissions data, which is unique to this product due to a different frame size. Motorola has discussed this at length with Elite to ensure this would be acceptable to the FCC.

Please contact me by telephone at (847) 632-5384, by Fax at (847) 632-4794, or by correspondence at the address herein if there are further questions or if additional information is needed concerning this filing.

Regards,

Carl Ioriatti  
Engineering Manager for PA Development



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RE: Request for Confidentiality

Gentlemen:

Motorola requests that the following sections of the Schematics Exhibit be kept confidential:

Section A	MPC6 - Multicoupler Preselector Card
Section B	GLI2 - Group Line Interface Card
Section C	BBX2 - Broadband Transceiver Card
Section D	MCC x 24E - Multi Channel CDMA Card
Section E	CCD - CDMA Clock Distribution Card
Section F	CSM2 - Clock Synchronization Module w/ GPS
Section G	LPA - Linear Power Amplifier
Section H	CIO - Combiner Input/Output Card
Section I	Switch Card
Section J	HSO - High Stability Oscillator
Section K	SPAN I/O
Section L	SITE I/O
Section M	RGD - Remote GPS Distribution
Section N	DBPBBX - Digital Baseband Processor Broadband Transceiver
Section O	CSM1 - Clock Synchronization Module w/ GPS
Section P	-48V / +28V Converter

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Regards,

Carl Ioriatti  
Engineering Manager for PA Development