



**MOTOROLA**

*Cellular Infrastructure Group*

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December 30, 1998

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

Re: Application for Cellular Transceiver Certification

Gentlemen:

Motorola Inc., 5555 N. Beach Street, Fort Worth, Texas 76137, herein submits:  
Check Number: 641775 in the amount of \$610.00, Application for Equipment Authorization (FCC Form 731) and Sections, for Certification of a PCS Cellular Transceiver, FCC ID: IHET5YP1. Motorola is also the manufacturer of this equipment.

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

The confidential portions have been identified as such on the Uploading Sections Form. The filing fee includes \$135.00, the amount for a confidential filing.



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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.

Please contact me by telephone at (817) 245-6122, by Fax at (817) 245-6851, or by correspondence at the address herein if there are further questions or if additional information is needed concerning this filing.

Regards,

A handwritten signature in black ink that reads "Cliff Critchett" followed by the date "1.7.99".

Cliff Critchett  
Engineering Section Manager for RF Development