



**MOTOROLA**

*Network Systems Group  
CDMA Systems Division*

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August 23, 1999

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

Re: Application for Cellular Transceiver Certification

To Whom It May Concern:

Motorola Inc., 5555 N. Beach Street, Fort Worth, Texas 76137, herein submits:  
Check Number: 04-32025 in the amount of \$610.00, Application for Equipment Authorization (FCC Form 731/159) and Sections, for Certification of a PCS Cellular Transceiver, FCC ID: IHET5ZR1. Motorola is also the manufacturer of this equipment.

Motorola requests that the Schematics Exhibit be kept confidential:  
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.

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, appearing to read 'Clifford H. Critchett'.

Clifford H. Critchett  
Engineering Manager  
Motorola, Inc.  
Network Solutions Sector  
5555 North Beach Street, M/S 7C  
Fort Worth, Texas 76137