



MOTOROLA

Cellular Infrastructure Group

October 09, 1998

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

Re: Application for Cellular Transceiver Certification

Gentlemen:

Motorola Inc., 5555 N. Beach Street, Fort Worth, Texas 76137, herein submits:
Check Number: 636874 in the amount of \$610.00, Application for Equipment Authorization (FCC Form 731) and Exhibits, for Certification of a PCS Cellular Transceiver, FCC ID: IHET6YR1. Motorola is also the manufacturer of this equipment.

Motorola requests that the following Exhibits of this filing be kept confidential:

Exhibit #5A	MPC6 - Multicoupler Preselector Card Schematic Diagram
Exhibit #5B	GLI2 - Group Line Interface Card Schematic Diagram
Exhibit #5C	BBX2- Broadband Transceiver Card Schematic Diagram
Exhibit #5D	MCC x 24E - Multi Channel CDMA Card Schematic Diagram
Exhibit #5E	CCD - CDMA Clock Distribution Card Schematic Diagram
Exhibit #5F	CSM2 - Clock Synchronization Module w/GPS Schematic Diagram
Exhibit #5G	LPA - Linear Power Amplifier Schematic Diagram
Exhibit #5H	CIO - Combiner Input/Output Card Schematic Diagram
Exhibit #5I	Switch Card Schematic Diagram
Exhibit #5J	HSO - High Stability Oscillator Schematic Diagram
Exhibit #5K	SPAN I/O Schematic Diagrams
Exhibit #5L	SITE I/O Schematic Diagrams
Exhibit #5M	RGD-Remote GPS Distribution Schematic Diagram

The confidential portions have been identified as such on the Uploading Exhibits 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 24 Subpart E of the Commission's rules) related to Certification of this equipment, are provided in Exhibit 3, 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 'Cliff Critchett'.

Cliff Critchett

Engineering Section Manager for RF Development
Cellular Infrastructure Group

Enclosures: FCC Form 731