



MOTOROLA

Cellular Infrastructure Group

December 16, 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: 641934 in the amount of \$610.00, Application for Equipment Authorization (FCC Form 731) and Exhibits, for Certification of a PCS Cellular Transceiver, FCC ID: IHET6YZ1. Motorola is also the manufacturer of this equipment.

Motorola requests that the Schematic Exhibit of this filing, including the sections listed below, be kept confidential:

Section A	MPC6 - Multicoupler Preselector Card Schematic Diagram
Section B	GLI2 - Group Line Interface Card Schematic Diagram
Section C	BBX2- Broadband Transceiver Card Schematic Diagram
Section D	MCC x 24E - Multi Channel CDMA Card Schematic Diagram
Section E	CCD - CDMA Clock Distribution Card Schematic Diagram
Section F	CSM2 - Clock Synchronization Module w/GPS Schematic Diagram
Section G	LPA - Linear Power Amplifier Schematic Diagram
Section H	CIO - Combiner Input/Output Card Schematic Diagram
Section I	Switch Card Schematic Diagram
Section J	HSO - High Stability Oscillator Schematic Diagram
Section K	SPAN I/O Schematic Diagrams
Section L	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 the Statement of Certifications 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 'Cliff Critchett'.

Cliff Critchett

Engineering Section Manager for RF Development
Cellular Infrastructure Group