

Date: June 30, 2000

Authorization & Evaluation Division.
Federal Communications Commission Laboratory.
7435 Oakland Mills Road.
Columbia, MD 21046.

Subject: Application for Certification of Transmitter with FCC ID# ABZ99FT3004

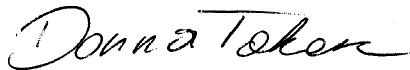
Gentlemen:

Motorola Inc. 5201 Tollview Dr., Rolling Meadows, IL, submits application for certification of the equipment identified by ABZ99FT3004. This transmitter is primarily intended for use in a commercial two way land mobile radio application with capabilities for clear and encrypted (Analog Inversion Scrambler) communications with transmit power output variable from 20 Watts (+43 dBm) to 35 Watts (+45.7 dBm).

The transmitter complies with section 90.203 of the rules in that the operator cannot directly program transmit frequencies using only the normally accessible external controls of the unit.

Enclosed is a complete Certification application

Sincerely,

A handwritten signature in cursive script that reads "Donna Tokarz".

Donna Tokarz
Tel: (847) 576-7245 Fax: (847) 538-4312

LIST OF EXHIBITS

	DESCRIPTION	EXHIBIT	REFERENCE
I.	Cover Letter	1	2.1033
II.	ID Label / Location Information & General Information	2 2A	
	1. Production Plans		
	2. Application References		
	3. Data Submittal Procedure		
III.	Attestation Statements	3	
IV.	External Photographs	4	
V.	Block Diagrams	5	
	1. Means for Frequency Stabilization	5A	
	2. Means for Limiting Modulation and Attenuation of Higher Audio Frequencies	5B	
	3. Means for Attenuation of Spurious Emissions	5C	
	4. Means for Limiting Power Output	5D	
	5. Modulation Techniques	5E	
VI.	Schematic Diagrams	6	
VII.	Test Report	7	
	1. Data Index	7	
	2. RF Output Data	7A	
	3. Modulation Characteristics		
	a. Audio Response & Low Pass Filter Response	7B, 7C	
	b. Modulation Limiting	7D	
	4. Occupied Bandwidth	7E	
	5. Conducted Spurious Emissions – 35 Watts	7F	
	6. Radiated Spurious Emissions	7G	
	7. Frequency Stability vs. Temperature	7H	
	8. Frequency Stability vs. Voltage	7J	
	9. Conducted Spurious Emissions – 20 Watts	7K	
VIII.	Test Set-up Procedures	8	
IX.	Users Manual	9	
	1. GTX LTR Trunking	9A	
	2. GTX Privacy Plus Trunking	9B	
X.	Internal Photographs	10	
XI.	Parts List / Tune-up Information	11	
	1. Function of RF Semiconductors & Active Devices	11A	
	2. List of Recommended Test Equipment for Servicing	11B	
	3. Tune-up Information	11C	
XII.	RF Exposure Information	12	
	1. RF Exposure Statement of Compliance	12A	
	2. Installation Instructions	12B	
	3. Antenna Installation Instructions	12C	
XIII.	Operational Description	13	
	1. Technical Characteristics		
	2. Application		