

**Exhibit 13 Cover letters****13.a Application overview**

We hereby apply, with the requisite information on the Mitsubishi Cellular Mobile Telephone, type MT-289XG01A for type acceptance by the FCC under the provision of FCC Rules and Regulations.

This equipment is the cellular mobile telephone and is expected to operate under Broadband PCS, Personal Communications Service governed by 47 CFR 24 Subpart E. The equipment also conforms to 47 CFR 2, 47 CFR 15, and J-STD-007.

The equipment will also conform to IEEE Std C95.1-1992: *IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3KHz to 300GHz*.

We certify that this application was prepared by us, and that to the best of our knowledge and belief the facts set forth in this application and technical data accompanied are true and correct.

We also certify that the equipment was tested in our plant using the system simulator which was provided by us. The equipment satisfied all functional requirements during test and operations.

In case of acceptance of a grant of these equipment authorization, we warrant that each unit under the grant and bearing the name and type or model number specified in the grant will conform to the unit that was measured and that the data filed with the application for type acceptance continues to be representative of the equipment being produced under such grant within the variation that can be expected due to quantity production and testing on a statistical basis.

*Applicant {2.983(a)}*

Mitsubishi Electric Corporation  
Marunouchi 2 – Chome  
Chiyoda – Ku  
Tokyo 100, Japan

*Mailing Address*

Mitsubishi Digital Electronics America, Inc.  
1240 West Northwest Highway  
Palatine, IL 60067-1897

*Manufacturer*

Mitsubishi Wireless Communications Inc.  
3805 Crestwood Parkway, Suite 350  
Duluth, GA 30096

*Equipment {2.983(b)}*

Class I PCS 1900 Mobile Telephone  
Type: MT-289XG01A

*Quantity Production {2.983(c)}*

Quantity production is planned.

*Service*

47 CFR 24 Subpart E  
Broadband PCS  
Personal Communications Service

**13.b REQUEST FOR CONFIDENTIALITY CONTAINED WITHIN**

January 24, 2001

Federal Communications Commission  
Equipment Approval Services  
P. O. Box 358315  
Pittsburgh, PA 15251-5315

**Subject: Application for Cellular Mobile Telephone**

**FCC ID: BGBMT289XG01A**

Gentlemen:

We wish to submit our Application for Certification of the subject Broadband PCS Handheld Transceiver.

This equipment is a cellular handheld mobile telephone intended for operations under the Broadband Personal Communications Service governed by 47CFR24 Subpart E. The equipment also conforms to 47CFR2, 47CFR15, J-STD-007 and IEEE Standard C95.1-1992: IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 Hz.

A completed Form 159 will be mailed separately to the Mellon Bank, along with a check in the amount of \$640.00: \$495.00 for Fee Code EFT (Certification), and \$145.00 for Fee Code EBC (Confidentiality Request).

**CONFIDENTIALITY REQUEST - Pursuant to 47CFR0.459 of the Commission's Rules, we request that all information contained in the following exhibits be withheld from public disclosure. This material is CONFIDENTIAL information, and contains trade secrets and details that would not be typically available to the public.**

- **Exhibit 5 (Schematics)**
- **Exhibit 10 (Parts List Tune-Up Info)**
- **Exhibit 12 (Operational Description)**

If you have any questions or require additional information, please contact the undersigned at:

Tel.: 847-963-9401 (Ext. 23)  
Fax: 847-963-9406  
E-mail: jvollmer@bigscreen.mea.com

Thank you for your attention to this matter.

Very truly yours,

J. Vollmer  
Team Leader/  
Regulatory Liaison Division  
Liaison  
JV:jv  
cc: MWCI, Ms. L. Rosenhauer  
V01A0122-3A

Reviewed by: R. Gruhlke  
Director  
Regulatory

### **13.c Agent Designation / Authorization**

Subject: Application for Cellular Mobile Telephone  
FCC ID: BGBMT289XG01A

Gentlemen:

We wish to designate the following as the primary contact.

Richard Gruhlke  
Director  
Regulatory Liaison Division  
Mitsubishi Digital Electronics America, Inc.  
1240 West Northwest Highway  
Palatine, IL 60067-1897

If you have any questions or require additional information, please contact me by telephone (847) 963-9401, Facsimile at (847) 963-9406 or by e-mail at [rgruhlke@bigscreen.mea.com](mailto:rgruhlke@bigscreen.mea.com)

Sincerely,

R. Gruhlke  
Director  
Regulatory Liaison Division  
RG/e  
cc: Mitsubishi Wireless Communications, O. Dayani  
G99A0611-3A  
Encl.

**13.d Table of Contents**

Exhibit 1	ID Label/Location	Ex1_MT289Label
Exhibit 2	Attestation Statements	Ex2_MT289_Attestation
Exhibit 3	External Photos	Ex3_MT289Ex3_Ext_Photo
Exhibit 4	Block Diagram	Ex4_MT289RF_Block Diagram
Exhibit 5	Schematics	EX5_Mt289_SCHEM
Exhibit 6	Test Report	
	Exhibit 6 Test Procedures	MT289Ex6_testproc.doc
	Exhibit 6M 1900MHz/Part 24: RF Power	Ex6M_RFPower_1850Level0 Ex6M_RFPower_1850Level7 Ex6M_RFPower_1850Level15 Ex6M_RFPower_1880Level0 Ex6M_RFPower_1880Level7 Ex6M_RFPower_1880Level15 Ex6M_RFPower_1909Level0 Ex6M_RFPower_1909Level7 Ex6M_RFPower_1909Level15
	Exhibit 6N 1900MHz/Part 24: Mod Char	Ex6N_ModChar.doc
	Exhibit 6O 1900MHz/Part 24: Occup.BW	Ex6O_OccBandwidth1 Ex6O_OccBandwidth2 Ex6O_OccBandwidth3
	Exhibit 6P 1900MHz/Part 24: Spur Emis (cond)	Ex6P_CondEmisBandEdges Ex6P_SpurEmisConducted
	Exhibit 6Q 1900MHz/Part 24: Spur Emis (radiated)	Ex6P_SpurEmisRadiated
	Exhibit 6R 1900MHz/Part 24: Freq Stability	Ex6R_FreqStability
Exhibit 7	Test Setup Photos	Ex7_MT289_Test_setup_photos
Exhibit 8	Users Manual	Ex8_MT289G320_User Manual
Exhibit 9	Internal Photos	Ex9_MT289Ex9_Internal photos
Exhibit 10	Parts List/Tune Up Info/Proc.	Ex10_MT289EX10APartsList Ex10_MT289_rmil_B_Tuneup_Interim Ex10_MT289_RSIK_B_tuneup_Final
Exhibit 11	RF Exposure Information	Ex11_MT289EX11SARDATA
Exhibit 12	Operational Description	Ex12a_MT289_Operation Desc Ex12b_MT289ModSystem
Exhibit 13	Cover Letters	Ex13_MT289_Cover

**13.e Equipment Part Number**

FCC ID: BGBMT289XG01A

Sample used: One