



**FUJI PHOTO FILM CO.,LTD.**

26-30, NISHIAZABU 2-CHOME,  
MINATO-KU, TOKYO 106, JAPAN

Telephone: (03) 3406-2934

Facsimile : (03) 3406-9967

File No. DF-99-001

# **Federal Communications Commission**

## **TECHNICAL DOCUMENTATION FILE OF DIGITAL CAMERA MODEL MX-2700**

FCC ID : **F5GMX-2700**  
Category : Part 15 Sub.part B Class B Digital Device  
Date of Issue : February 25, 1999

A handwritten signature in black ink, appearing to read 'Hiromi Hayashida', written over a horizontal line.

Hiromi Hayashida  
Product Safety Engineer  
Fuji Photo Film Co., Ltd.



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Part 15 Sub.part B Class B Digital Device

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## **1.APPLICANT AND FACTORY**

- (1) Applicant: Fuji Photo Film Co., Ltd.  
26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106 Japan
- (2) Factory: FUJIX CO., LTD.  
1-6, Matsuzakadaira, Taiwa-Cho, Kurokawa-Gun,  
Miyagi-Ken 981-36 Japan

## **2. DESCRIPTION OF DEVICE**

- (1) Kind of Equipment: DIGITAL CAMERA
- (2) Category: Class B Digital Device
- (3) FCC ID: F5GMX-2700
- (4) Trade Mark: FUJIFILM
- (5) Model No.: MX-2700
- (6) Type of Sample Tested: Pre-Production
- (7) High Frequency Used: 4.1900MHz (CPU Clock for Main / IC205)  
24.5454MHz (Camera System / IC153)  
3.5700MHz (LCD Controller / IC800)  
32.7680KHz (CPU Clock for Calendar / IC205)
- (8) Rating Power Supply: 5Vdc (DC Power was controlled by AC Adaptor)
- (9) Tested Power Supply: 120V AC, 60Hz
- (10) Date of Manufacture: January 27, 1999
- (11) Description of the marked and available configuration: Refer to "Exhibit A"
- (12) Description of Operation The worst operation mode is "PC Mode".



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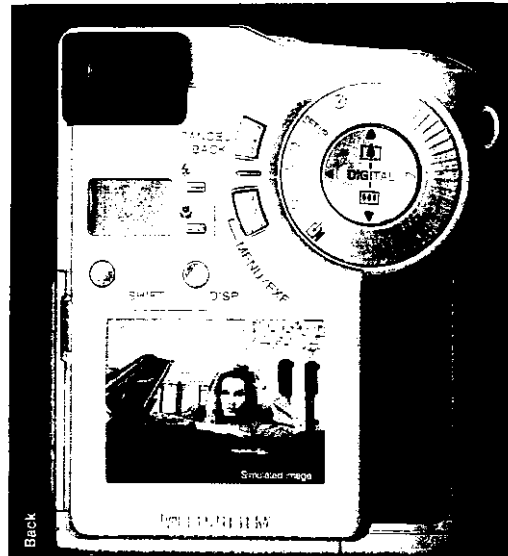
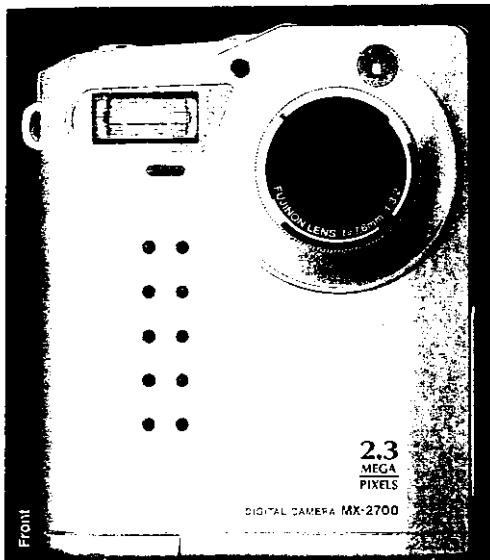
Facsimile : (03) 3406-9967

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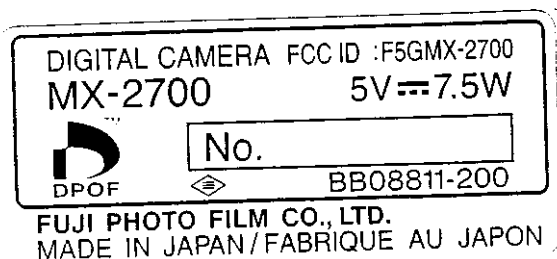
(13) Overall Appearance:



(14) Rating Plate including FCC ID and the statement per Sec. 15.19(a)(3):

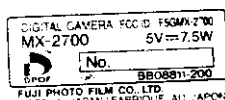
“ Rating Plate “

“ Owner’s Manual ”



**FCC Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.





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### **3. SUMMARY OF OPERATION AND FUNCTION**

FUJIFILM, Model MX-2700 is a digital still camera that captures high-quality, highly digital images at 2.3 million-pixels and records them onto an image memory card, SSFDC (Solid-State Floppy Disk Card).

This camera has features of a high-speed 1/1,000-sec. shutter and a digital 2.5 x zoom which is suited to high-resolution photography.

Photographs can be taken by this while the image is viewed on a 2-inch LCD monitor made by low-temperature polysilicon and/or the external TV monitor during either Manual or Auto Camera mode.

The user can select one of 3 kinds of compression ratio to record as Exif-JPEG files for image data recording.

Featuring a high-performance RISC microprocessor, the MX-2700 takes only 5 sec. to store an image. It's much faster than other megapixel digital camera.

This digital camera MX-2700 can play back color images from an image memory card SSFDC and transfer the image data on the SSFDC to a personal computer.

This is compact and light-weight (weight: 8.1 oz. excluding battery, dimension: 3.1 (W) x 3.8 (H) x 1.3 (D) in.), so it's easy to take along.

### **4. TEST FACILITY**

The open area test site and conducted measurement facility of TDK EMC Center used to collect the radiated data is located in 543 Otai, Saku-City, Nagano, Japan.

This TDK EMC Center Chikumagawa Open Site has been fully described in a report that they have submitted to your office, and accepted in your letter dated August 17, 1997 (31040 / SIT).

### **5. SUMMARY OF TEST RESULTS**

Radiated Radio Noise Measurement -----**PASS**

Conducted Radio Noise Measurement -----**PASS**

## 6. TESTED SYSTEM DETAILS

### 6.1 Peripherals and Others :

<i>Description</i>	<i>Model Name</i>	<i>Serial No.</i>	<i>Manufacturer</i>	<i>FCC ID</i>
PC Monitor	M2978	CY5430HF3CV	LG Electronics, Inc.	BEJCA500
Personal Computer	XpiP133ST	98417	Dell Computer Corp.	E2KXPE2KXPT
Video Monitor	CMM43A1	M-55894034	Shibasoku	N/A
Scanner	AS-1	1000275	Fuji Photo Film Co., Ltd.	F5GAS-1
Mouse	2.1A	-	Microsoft Corp.	C3KKMP3
AC Adapter (for PC)	ZVC65N	7237	Dell Computer Corp.	N/A
AC Adaptor (for EUT)	AC-5V	9747	Fuji Photo Film Co., Ltd.	N/A
(for AC Adaptor of Digital Camera, Input: 120VAC, 60Hz, Output: 5VDC)				

**Note:**

\* N/A: Equipment required for the Verification.

### 6.2 List of Cables :

<i>Description</i>	<i>Length</i>	<i>Type of shield</i>	<i>Ferrite Core</i>
EUT / Personal Computer	1.95 m	Shielded	Add
Scanner / Personal Computer	1.5 m	Shielded	N/A
EUT / Video Monitor	1.3 m	Shielded	Add
Personal Computer / TV Monitor	1.5 m	Shielded	Provided
Mouse / Personal Computer	1.8 m	Shielded	N/A
DC Power Cord (PC/AC adaptor)	1.9 m	Shielded	Provided
DC Power Cord (EUT/AC adaptor)	1.8 m	Non-shielded	Add
AC Power Cord (PC/AC adaptor)	1.7 m	Non-shielded	N/A
AC Power Cord (Video Monitor)	1.7 m	Non-shielded	N/A
AC Power Cord (PC Monitor)	1.7 m	Non-shielded	N/A
AC Power Cord (Scanner)	1.8 m	Non-shielded	N/A

**Note:**

\* Provided : The cable is an accessory for Personal Computer or PC Monitor which was attached a ferrite core.

**Figure 6-1 System Configuration Diagram :**