

**MEASUREMENT/TECHNICAL REPORT**

**MODEL No. : KX-DP702**

**FCC ID : ACJKMSCKX-DP702**

Friday, February 18, 2000

This report concerns : Original grant <u>  X  </u> Class II change Equipment type : <u>Camera Unit for Video Monitoring System</u>
Request issue of grant : <u>  X  </u> Immediately upon completion of review. <u>      </u> Defer grant per 47 CFR 0.457(d)(l)(ii) until <u>      </u> date <u>      </u> .
Measurement procedure used : ANSI C63.4-1992 <u>  X  </u> FCC/OETMP-4(1987) <u>      </u> Other If other, describe
Application for Certification : FCC Rules and Regulations Part 15 subpart B Prepared by : Name : Michihito Miyazaki Company : Kyushu Matsushita Electric Co., Ltd. Address : 1-62, 4-chome, Minoshima, Hakata-ku, Fukuoka 812-8531, Japan Phone Number : +81-92-477-1286 FAX Number : +81-92-477-1487 E-mail address : PAN44784@pios.kme.mei.co.jp

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Attachment A. Configuration of Tested System

Attachment B. Block Diagram Description of Basic Model KX-DP702

Attachment C. Block Diagram Description of Similar Model KX-DP701

Attachment D. Measurement Report of Class B Digital Device

Attachment E. Photos of tested EUT

Attachment F. Draft of Operating Instruction Book for User Information

## 1. GENERAL INFORMATION

### 1.1 Product Description

The model KX-DP702 (referred to as the EUT in this report) is a Camera Unit is used for Video Monitoring System.

The differences between basic model KX-DP702 and similar model KX-DP701 are as follows.

Items	Basic Model KX-DP702	Similar Model KX-DP701
I/F Terminal	-DC IN -Camera control (with 12 DC IN) -Video -S-Video	-Camera control (with 12 DC IN) -S-Video
Main/Aux SW	exist	none
Remote Control Unit	provided	none
AC Adapter	provided	none

The subject models have Power Switch, Main/Aux Switch(KX-DP702 only), DC IN port (KX-DP702 only), Camera control terminal with 12 DC IN, Video out terminal (KX-DP702 only), S-Video out terminal and also contain CPU, CCD, Camera DSP, Video AMP, DC/DC converter circuit, PAN Motor Driver, Tilt Motor Driver, Auto Focus Lens Drive circuit, 3 IR Receive ICs.(Quantity of IR Receive IC is variable by Camera version. Max quantity is 3.)

Provided with AC adapter with 1.8m DC cable with 1 bonded ferrite core.

## 1.2 Tested System Details

The FCC IDs for all equipment, plus descriptions of all cables used in the tested system are:

Model No./ Serial No.	FCC ID	Description	Cable Description
KX-DP702	ACJKMSCKX-DP702	Camera Unit (EUT)	----
PSLP1170	----	AC adapter for Camera Unit (EUT)	shielded DC cord
P1528JB/ 45921A2L4K44	BGBSD5561C	PC Monitor	Unshielded AC cord, Shielded cable with 2 ferrite cores
OptiolexGXL5100/ SONH8	E2KSTNGRD	Personal Computer	Unshielded AC cord
SK-D100M/ M9601-002312	GYUR93SK	Keyboard	Shielded keyboard cable
Mouse Port Compatible Mouse 2.0A/1463826	C3KSMP1	Mouse	Shielded mouse cable
AG-W1P/ F6TC00317	----	VCR	Unshielded AC cord, shielded AV cable
TX-28WG25X/ ED6310007	----	TV Monitor	Unshielded AC cord, shielded AV cable
KX-P2135/ 4HMCNB85276	ACJ526KX-P2130	Dot Printer	Unshielded AC cord, shielded Printer cable
PSLP1149/	----	Remote Control Unit	----

### 1.3 Test Methodology

Both conducted and radiated testing were performed to the procedures in ANSI C63.4-1992. Radiated testing was performed at an antenna to EUT distance of 3 meters.

### 1.4 Test Facility

The semi-anechoic chamber and conducted measurement facility used to collect the radiated data is located at 441-13 Nagahasu, Tateishi-cho, Tosu-shi, Saga-ken 841-8585, JAPAN. This site has been fully submitted to your office and accepted in a letter dated September 30, 1997. (31040/SIT 1300F2)  
This site is accredited by NVLAP.

## 2. PRODUCT LABELING

Figure 2.1 FCC ID Label



Figure 2.2 Location of Label on EUT

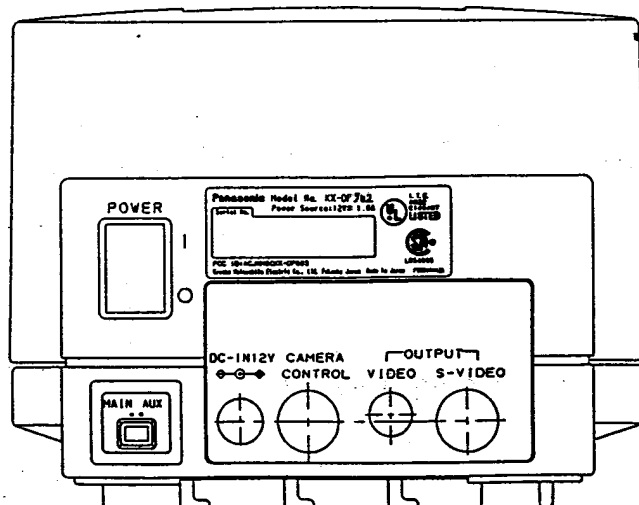


Figure 2.3 FCC Caution Label

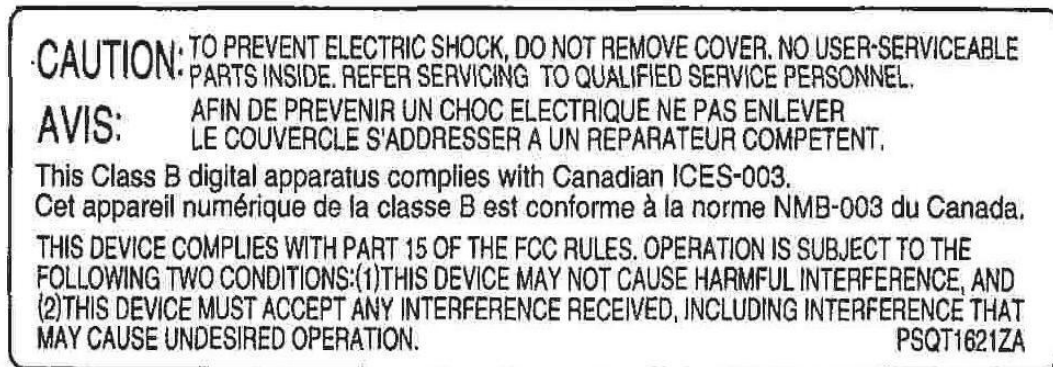
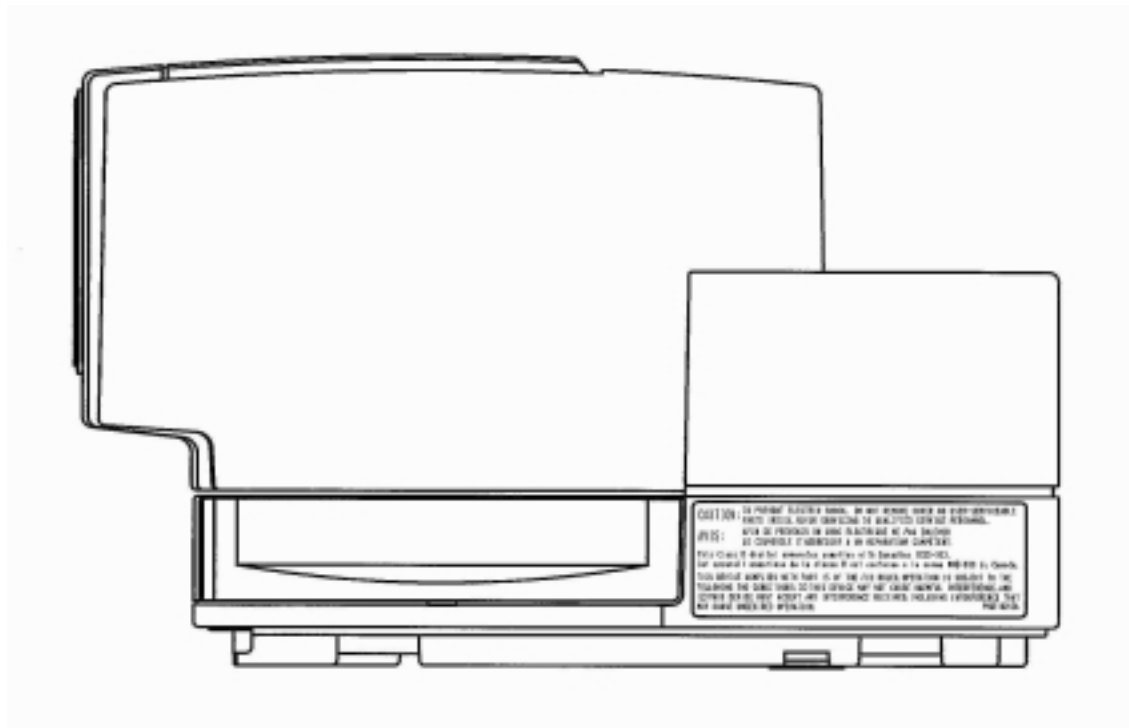


Figure 2.4 Location of Caution Label on EUT



### 3. SYSTEM TEST CONFIGURATION

#### 3.1 Justification

The system was configured for testing in a typical fashion (as a customer would normally use it). The testing of Camera was done under standby and PAN/TILT modes and reported worst mode.

#### 3.2 Configuration of Tested System

Configuration of tested system is shown in Attachment A.

#### 4. BLOCK DIAGRAM OF EQUIPMENT

##### 4.1 Camera Unit Block Diagram Description

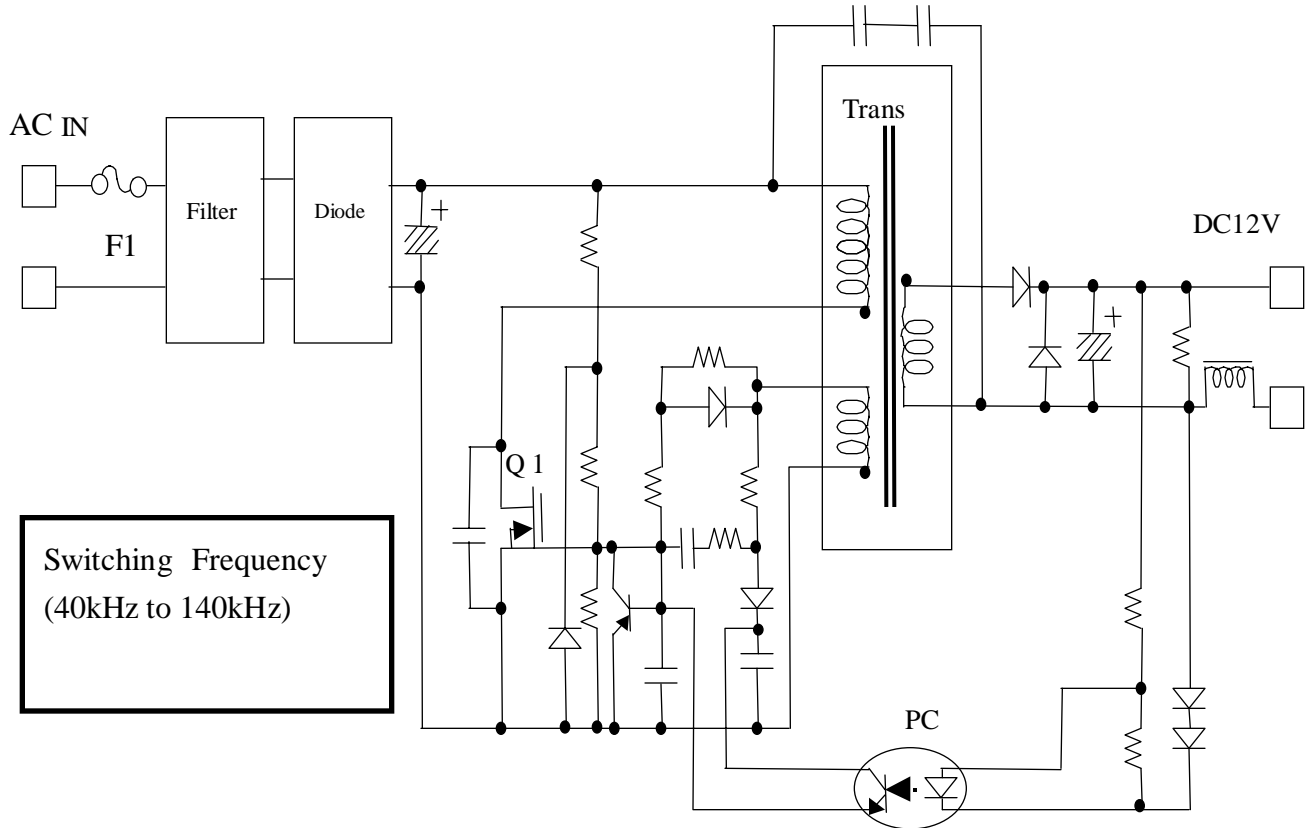
Block diagram description is shown in Attachment B and Attachment C.

Attachment B. Block Diagram Description of Basic Model KX-DP702

Attachment C. Block Diagram Description of Similar Model KX-DP701

## 4.2 AC Adaptor Circuit Description

Figure 4.1 AC Adapter Circuit Description of Model No. PSLP1170



## 5. CONDUCTED AND RADIATED MEASUREMENT PHOTOS

Refer to Attachment D.

## 6. CONDUCTED EMISSION DATA

Refer to Attachment D.

## 7. RADIATED EMISSION DATA

Refer to Attachment D.

## 8. PHOTOS OF TESTED EUT

Figure 8.1 Front View

Figure 8.2 Rear View of Basic Model KX-DP702

Figure 8.3 Rear View of Similar Model KX-DP701

Figure 8.4 Side View

Figure 8.5 Side View with Top Cover removed

Figure 8.6 Top View with Top Cover removed

Figure 8.7 Base Board, Component and Foil Side

Figure 8.8 CPU Board, Component and Foil Side

Figure 8.9 Video Board, Component and Foil Side

Figure 8.10 CCD Board, Component and Foil Side

Figure 8.11 AC Adaptor, outside view and internal view

Photos are shown in Attachment E.