

TDK EMC CENTER CHIKUMAGAWA OPEN SITE

543 OTAI SAKU-CITY NAGANO JAPAN

REPORT OF MEASUREMENTS ON DIGITAL DEVICE

Date : June 06, 2000

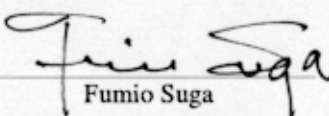
Issued in : Saku-city, JAPAN

TDK APPLICATION No.: TDC-00-0601

1. Applicant : FUJI PHOTO FILM CO., LTD  
13-45, SENZUI 3 - CHOME, ASAKA - SHI, SAITAMA  
351 - 8585 JAPAN
2. Factory : FUJIX CO., LTD  
1 - 6, MATSUZAKADAIRA TAIWA - CHO,  
KUROKAWA - GUN, MIYAGI - KEN, 981 - 3492 JAPAN
3. Description of Equipment Under Test (EUT)
  - 3-1. EUT : DIGITAL CAMERA
  - 3-2. Category : FCC Class B Digital Device
  - 3-3. FCC ID No. : F5GFP - 2400
  - 3-4. Trade Name : FUJIFILM
  - 3-5. Model No. : Fine Pix 2400 ZOOM
  - 3-6. Serial No. : U002521
  - 3-7. Date of Manufacture : May, 2000
  - 3-8. Power Supply : 120 V AC, 60Hz
4. Regulation Applied : FCC Part 15 Subpart B CLASS B 3m
5. Measurement Procedure Used : ANSI C63.4 - 1992
6. Place of Measurement : TDK EMC CENTER CHIKUMAGAWA OPEN SITE
7. Date of Measurement : June 05, 2000
8. Measurement Results : The test results show that EUT conform to regulations  
applied as shown in the attached sheets.

Note : (1) The test results relate only to items tested.

(2) This report shall not be reproduced except in full without the written approval of testing  
laboratory.

  
Fumio Suga  
Chief of TDK CHIKUMAGAWA OPEN SITE  
Phone : 047-378-9470

TDK Application No. : TDC-00-0601

## MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : June 05 ,2000

Temp. : 17 °C ; Humi. : 44 %

|                  |                                      |                            |  |
|------------------|--------------------------------------|----------------------------|--|
| Test Receiver :  | Rohde & Schwarz ESVP                 |                            |  |
| Operation Mode : | Detector function : CISPR Quasi-Peak |                            |  |
|                  | 6dB Band width : 120kHz              | External Attenuator : none |  |

Description of Equipment : DIGITAL CAMERA

Model No. : Fine Pix 2400 ZOOM

Test Condition of Equipment Under Test (EUT)

1) Configuration of EUT : Refer to sheet No.5, 6 and .7

2) EUT Grounding : None.

3) Operating Condition : CAMERA Mode .

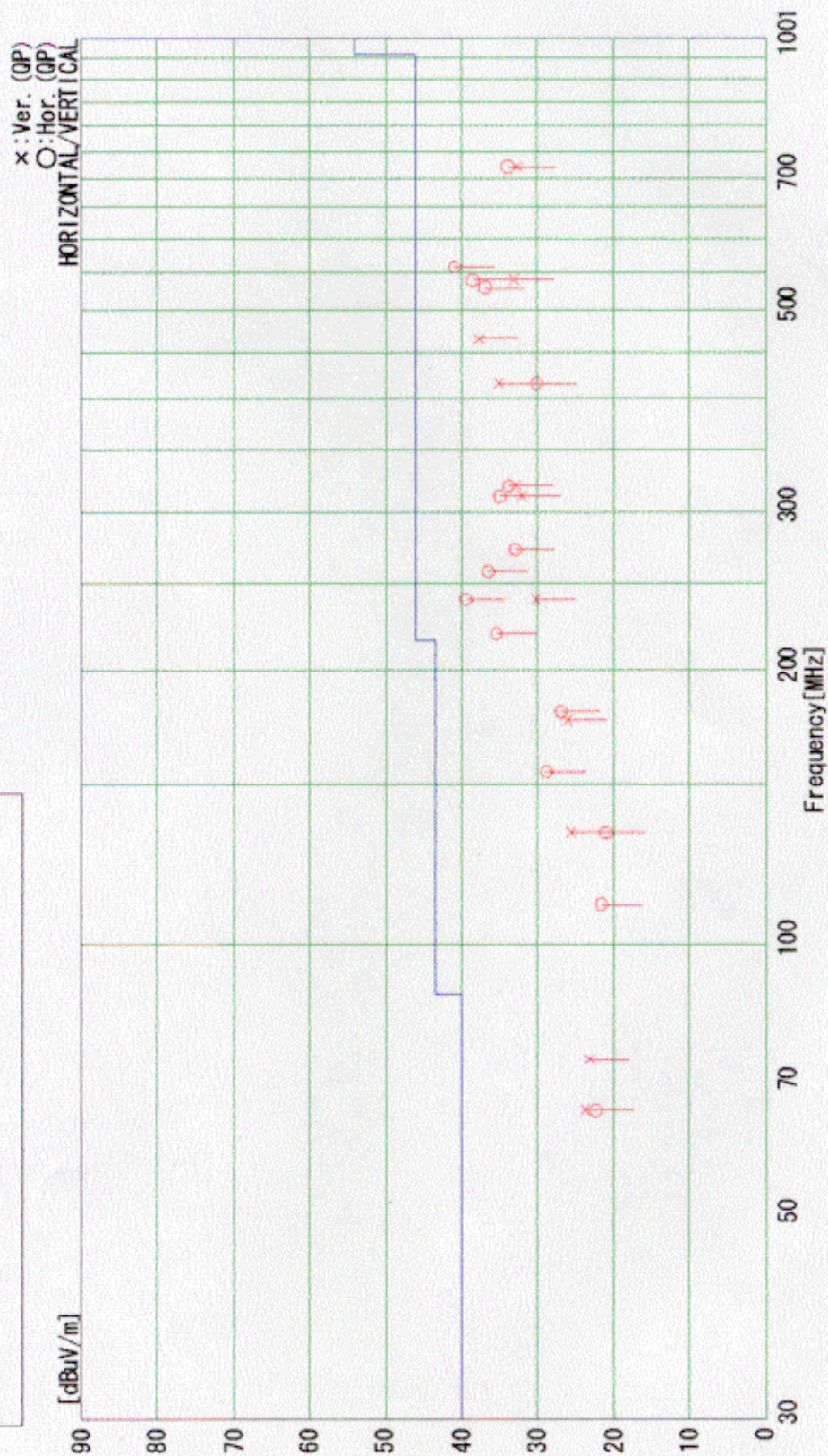
| Frequency<br>(MHz) | Correction<br>Factor<br>(dB) | Meter Reading<br>(dB $\mu$ V/m) |      | Limit<br>(dB $\mu$ V/m) | Emission Level<br>(dB $\mu$ V/m) |      | Margin<br>(dB) |
|--------------------|------------------------------|---------------------------------|------|-------------------------|----------------------------------|------|----------------|
|                    |                              | Hor.                            | Ver. |                         | Hor.                             | Ver. |                |
| 65.630             | 8.4                          | 22.4                            | 23.8 | 40.0                    | 22.4                             | 23.8 | 16.2           |
| 74.700             | 7.8                          | ---                             | 23.2 | 40.0                    | ---                              | 23.2 | 16.8           |
| 110.620            | 13.9                         | 21.6                            | ---  | 43.5                    | 21.6                             | ---  | 21.9           |
| 132.690            | 16.3                         | 21.0                            | 25.6 | 43.5                    | 21.0                             | 25.6 | 17.9           |
| 154.900            | 17.5                         | 28.9                            | ---  | 43.5                    | 28.9                             | ---  | 14.6           |
| 176.400            | 18.5                         | ---                             | 26.1 | 43.5                    | ---                              | 26.1 | 17.4           |
| 180.300            | 18.7                         | 26.9                            | ---  | 43.5                    | 26.9                             | ---  | 16.6           |
| 220.030            | 20.6                         | 35.4                            | ---  | 46.0                    | 35.4                             | ---  | 10.6           |
| 240.040            | 21.1                         | 39.4                            | 30.2 | 46.0                    | 39.4                             | 30.2 | 6.6            |
| 257.720            | 21.2                         | 36.5                            | ---  | 46.0                    | 36.5                             | ---  | 9.5            |
| 272.040            | 21.8                         | 32.9                            | ---  | 46.0                    | 32.9                             | ---  | 13.1           |
| 311.420            | 20.1                         | 35.0                            | 32.1 | 46.0                    | 35.0                             | 32.1 | 11.0           |
| 320.050            | 20.3                         | 33.8                            | 32.9 | 46.0                    | 33.8                             | 32.9 | 12.2           |
| 415.230            | 22.3                         | 30.1                            | 35.1 | 46.0                    | 30.1                             | 35.1 | 10.9           |
| 465.260            | 23.4                         | ---                             | 37.7 | 46.0                    | ---                              | 37.7 | 8.3            |
| 529.770            | 24.7                         | 36.9                            | ---  | 46.0                    | 36.9                             | ---  | 9.1            |
| 539.990            | 25.0                         | 38.5                            | 33.1 | 46.0                    | 38.5                             | 33.1 | 7.5            |
| 558.410            | 25.4                         | 40.9                            | ---  | 46.0                    | 40.9                             | ---  | 5.1            |
| 719.990            | 29.3                         | 33.9                            | 32.7 | 46.0                    | 33.9                             | 32.7 | 12.1           |
|                    |                              |                                 |      |                         |                                  |      |                |

Note : 1) Meter Readings include Correction Factor (Antenna factor , Cable loss).

2) Margin = Limit — Emission Level.

Tested by : *Munifika Ooi*  
Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m  
 EUT : Fine Pix 2400ZOOM 120V/60Hz  
 MODE : CAMERA Mode  
 Frequency : 30 ~ 1000 MHz



# MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : June 05, 2000

Temp. : 17 °C ; Humi. : 44 %

Test Receiver : Rohde & Schwarz ESVP  
 Operation Mode : Detector function : CISPR Quasi-Peak  
 6dB Band width : 120kHz External Attenuator : none

Description of Equipment : DIGITAL CAMERA

Model No. : Fine Pix 2400 ZOOM

Test Condition of Equipment Under Test (EUT)

1) Configuration of EUT : Refer to sheet No.5, 6 and .7

2) EUT Grounding : None.

3) Operating Condition : USB Mode .

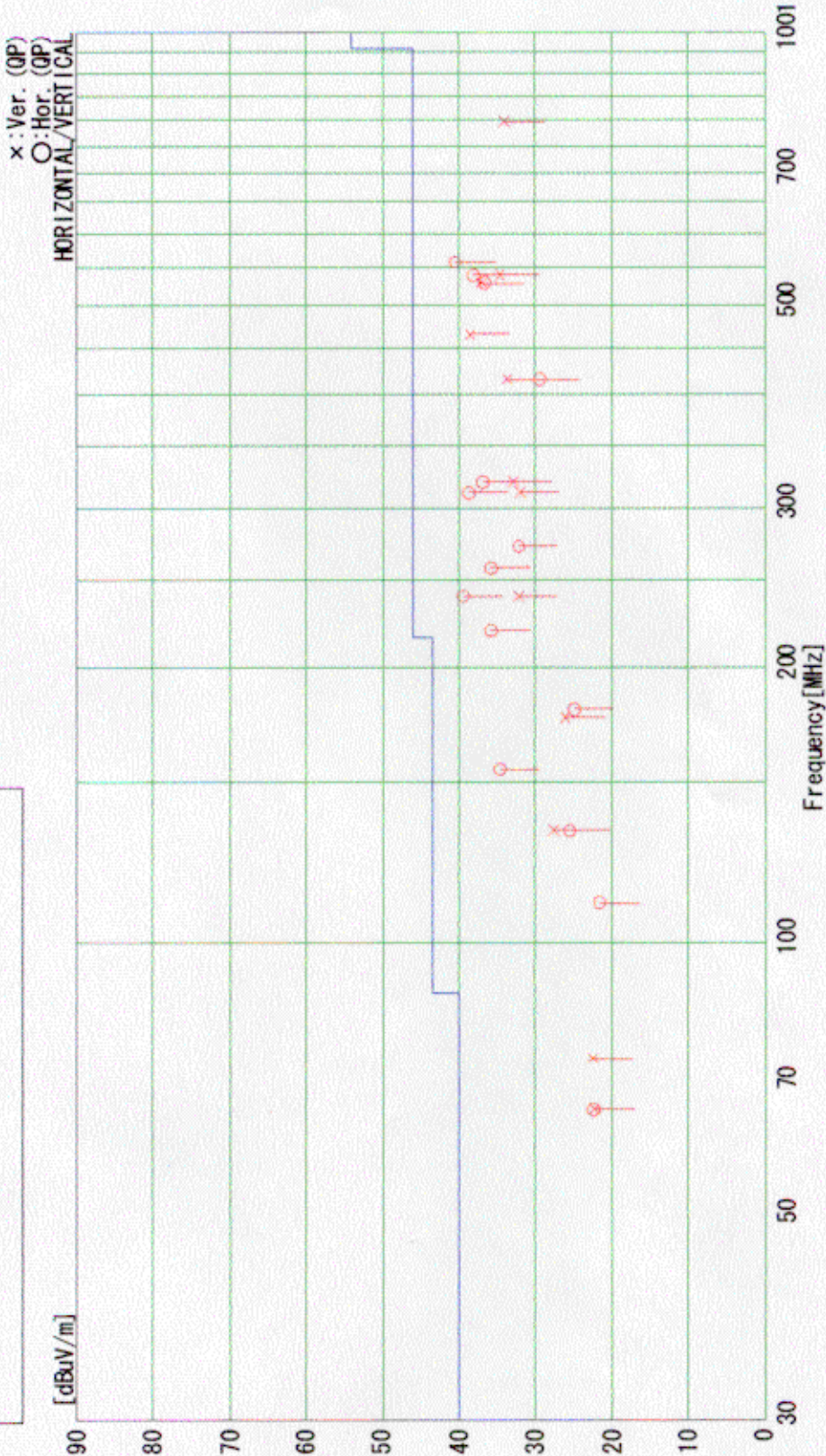
| Frequency<br>(MHz) | Correction<br>Factor<br>(dB) | Meter Reading<br>(dB $\mu$ V/m) |      | Limit<br>(dB $\mu$ V/m) | Emission Level<br>(dB $\mu$ V/m) |      | Margin<br>(dB) |
|--------------------|------------------------------|---------------------------------|------|-------------------------|----------------------------------|------|----------------|
|                    |                              | Hor.                            | Ver. |                         | Hor.                             | Ver. |                |
| 65.630             | 8.4                          | 22.4                            | 22.3 | 40.0                    | 22.4                             | 22.3 | 17.6           |
| 74.700             | 7.8                          | ---                             | 22.5 | 40.0                    | ---                              | 22.5 | 17.5           |
| 110.620            | 13.9                         | 21.6                            | ---  | 43.5                    | 21.6                             | ---  | 21.9           |
| 132.690            | 16.3                         | 25.5                            | 27.6 | 43.5                    | 25.5                             | 27.6 | 15.9           |
| 154.900            | 17.5                         | 34.6                            | ---  | 43.5                    | 34.6                             | ---  | 8.9            |
| 176.400            | 18.5                         | ---                             | 26.1 | 43.5                    | ---                              | 26.1 | 17.4           |
| 180.220            | 18.7                         | 24.9                            | ---  | 43.5                    | 24.9                             | ---  | 18.6           |
| 220.030            | 20.6                         | 35.8                            | ---  | 46.0                    | 35.8                             | ---  | 10.2           |
| 240.040            | 21.1                         | 39.4                            | 32.2 | 46.0                    | 39.4                             | 32.2 | 6.6            |
| 257.730            | 21.2                         | 35.8                            | ---  | 46.0                    | 35.8                             | ---  | 10.2           |
| 272.040            | 21.8                         | 32.2                            | ---  | 46.0                    | 32.2                             | ---  | 13.8           |
| 311.420            | 20.1                         | 38.7                            | 32.0 | 46.0                    | 38.7                             | 32.0 | 7.3            |
| 320.050            | 20.3                         | 36.9                            | 32.9 | 46.0                    | 36.9                             | 32.9 | 9.1            |
| 415.230            | 22.3                         | 29.4                            | 33.7 | 46.0                    | 29.4                             | 33.7 | 12.3           |
| 465.260            | 23.4                         | ---                             | 38.5 | 46.0                    | ---                              | 38.5 | 7.5            |
| 529.770            | 24.7                         | 36.6                            | 37.0 | 46.0                    | 36.6                             | 37.0 | 9.0            |
| 539.990            | 25.0                         | 38.1                            | 34.6 | 46.0                    | 38.1                             | 34.6 | 7.9            |
| 558.410            | 25.4                         | 40.5                            | ---  | 46.0                    | 40.5                             | ---  | 5.5            |
| 797.710            | 29.3                         | ---                             | 34.0 | 46.0                    | ---                              | 34.0 | 12.0           |
|                    |                              |                                 |      |                         |                                  |      |                |

Note : 1) Meter Readings include Correction Factor (Antenna factor , Cable loss).

2) Margin = Limit - Emission Level.

Tested by : *Fumihiko Ogi*  
 Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m  
EUT : Fine Pix 2400ZOOM 120V/60Hz  
MODE : USB Mode  
Frequency : 30 ~ 1000 MHz



## MEASUREMENT RESULTS OF CONDUCTED RADIO NOISE

Date : June 05 ,2000

Temp. : 22 °C ; Humi. : 35 %

Test Receiver : Rohde & Schwarz ESH-3

Operation Mode :            Detector function : CISPR Quasi-Peak

6dB Band width : 10kHz

External Attenuator : none

Description of Equipment : DIGITAL CAMERA

Model No. : Fine Pix 2400 ZOOM

; Type : Desk Top

Test Condition of Equipment Under Test (EUT)

1) Configuration of EUT : Refer to sheet No.13, 14 and 15.

|                    |       |
|--------------------|-------|
| 2) EUT Grounding : | None. |
|--------------------|-------|

3) Operating Condition : CAMERA Mode .

[illegible]

Note : 1) Correction Factor include LISN Factor and cable loss for 7 meters.

Meter Readings include Correction Factor.

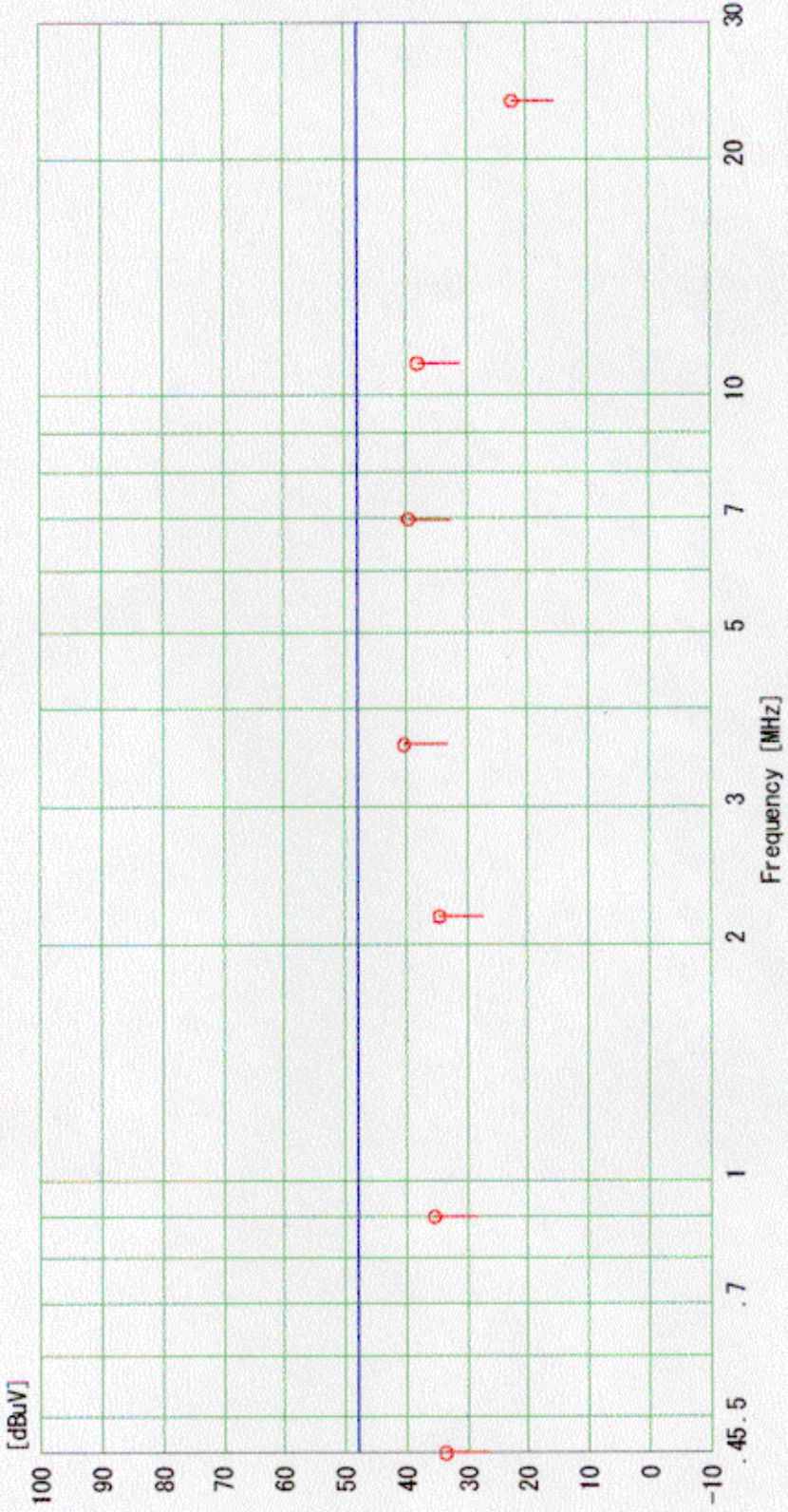
2)VA : Between one end of the power cable and the grounded.

VB : Between the other end of the power cable and the grounded.

3) Margin = Limit – Emission Level.

Tested by : Isumihiko Oori  
Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED  
EUT : Fine Pix 2400ZOOM 120V/60Hz  
MODE : CAMERA Mode  
Frequency : 0.45 ~ 30 MHz



## MEASUREMENT RESULTS OF CONDUCTED RADIO NOISE

Date : June 05 , 2000

Temp. : 22 °C ; Humi. : 35 %

Test Receiver : Rohde &amp; Schwarz ESH-3

Operation Mode :            Detector function : CISPR Quasi-Peak

6dB Band width : 10kHz

External Attenuator : none

Description of Equipment : DIGITAL CAMERA

Model No. : Fine Pix 2400 ZOOM

; Type : Desk Top

Test Condition of Equipment Under Test (EUT)

1) Configuration of EUT : Refer to sheet No.13, 14 and 15.

|                    |       |
|--------------------|-------|
| 2) EUT Grounding : | None. |
|--------------------|-------|

3) Operating Condition : USB Mode .[illegible]

Note : 1) Correction Factor include LISN Factor and cable loss for 7 meters.

Meter Readings include Correction Factor.

2)VA : Between one end of the power cable and the grounded.

VB : Between the other end of the power cable and the grounded.

3) Margin = Limit - Emission Level.

Tested by :

Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED  
EUT : Fine Pix 2400Zoom 120V/60Hz  
MODE : USB Mode  
Frequency : 0.45 ~ 30 MHz

