

TDK EMC CENTER CHIKUMAGAWA OPEN SITE

543 OTAI SAKU-CITY NAGANO JAPAN

REPORT OF MEASUREMENTS ON DIGITAL DEVICE

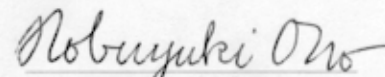
Date : June 20 ,2002
Issued in : Saku-city , JAPAN

TDK APPLICATION No.: TDC-02-0609(1)

1. Applicant : FUJI PHOTO FILM CO. , LTD.
13-45 , SENZUI 3 - CHOME , ASAKA - SHI , SAITAMA
351 - 8585 JAPAN
2. Factory : FUJIFILM PHOTONIX CO. , LTD.
1 - 6 , MATSUZAKADAIRA TAIWA - CHO ,
KUROKAWA - GUN , MIYAGI - KEN , 981 - 3492 JAPAN
FUJIFILM IMAGING SYSTEMS(SUZHOU) CO. , LTD.
138 Chang Jiang Road , New District , Jiangsu
16 Lingyan Road , New District , Jiangsu
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 - A303
 - 3-4. Trade Name : FUJIFILM
 - 3-5. Model No. : Fine Pix A303
 - 3-6. Serial No. : RU-00615
 - 3-7. Date of Manufacture : June ,2002
 - 3-8. Power Supply : 120 V AC , 60Hz
4. Regulation Applied : FCC Part 15 Subpart B CLASS B 3m
5. Measurement Procedure Used : FCC Part 15 Subpart B CLASS B 3m
6. Place of Measurement : TDK EMC CENTER CHIKUMAGAWA OPEN SITE
7. Date of Measurement : June 18 ,2002
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.


Nobuyuki Ono

Chief of TDK CHIKUMAGAWA OPEN SITE

Phone : 047-378-9470

FAX : 047-378-9780

TDK Application No. : TDC-02-0609(1)

MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : June 18, 2002

Temp. : 20 °C ; Humi. : 68 %

Test Receiver : Rohde & Schwarz ESCS 30

Operation Mode : Detector function : CISPR Quasi-Peak

6dB Band width : 120kHz

External Attenuator : none

Description of Equipment DIGITAL CAMERA

Model No. : Fine Pix A303

Test Condition of Equipment Under Test (EUT)

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

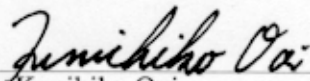
2) EUT Grounding : None.

3) Operating Condition : PC CAMERA Mode .

Frequency (MHz)	Correction Factor (dB)	Meter Reading (dB μ V/m)		Limit (dB μ V/m)	Emission Level (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
52.200	11.8	---	28.2	40.0	---	28.2	11.8
59.500	9.5	---	26.5	40.0	---	26.5	13.5
68.010	8.0	25.4	---	40.0	25.4	---	14.6
70.000	7.8	---	25.2	40.0	---	25.2	14.8
120.010	14.9	---	26.7	43.5	---	26.7	16.8
167.990	19.6	28.3	---	43.5	28.3	---	15.2
186.130	18.8	---	33.1	43.5	---	33.1	10.4
239.990	20.7	40.0	36.8	46.0	40.0	36.8	6.0
336.000	20.3	40.6	32.0	46.0	40.6	32.0	5.4
359.980	20.8	41.3	34.5	46.0	41.3	34.5	4.7
368.820	20.9	39.4	---	46.0	39.4	---	6.6
371.980	21.0	39.0	---	46.0	39.0	---	7.0
540.080	24.4	37.4	---	46.0	37.4	---	8.6
587.040	25.7	37.9	32.4	46.0	37.9	32.4	8.1
599.970	26.0	38.3	36.1	46.0	38.3	36.1	7.7
615.680	26.3	38.6	---	46.0	38.6	---	7.4

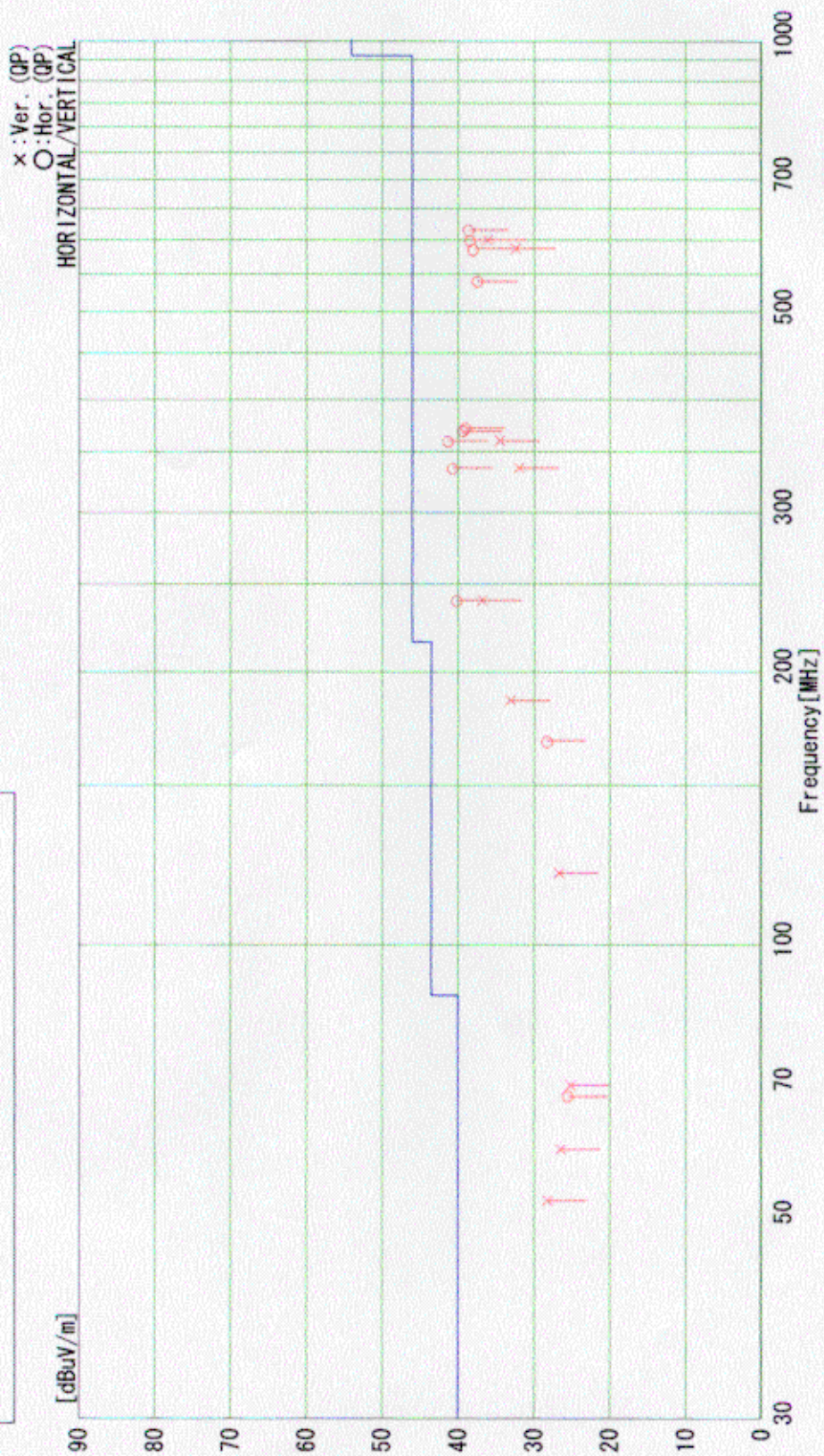
Note : 1) Meter Readings include Correction Factor (Antenna factor , Cable loss).

2) Margin = Limit - Emission Level.

Tested by : 
Kunihiko Ooi

Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m
 EUT : Fine Pix A303 120V/60Hz
 MODE : PC CAMERA Mode
 Frequency : 30 ~ 1000 MHz



MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : June 18, 2002

Temp. : 20 °C ; Humi. : 68 %

Test Receiver : Rohde & Schwarz ESCS 30
 Operation Mode : Detector function : CISPR Quasi-Peak
 6dB Band width : 120kHz External Attenuator : none

Description of Equipment DIGITAL CAMERA

Model No. : Fine Pix A303

Test Condition of Equipment Under Test (EUT)

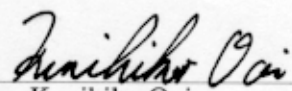
1) Configuration of EUT : Refer to sheet No.5, 6 and 7.

2) EUT Grounding : None.

3) Operating Condition : PLAY Mode .

Frequency (MHz)	Correction Factor (dB)	Meter Reading (dB μ V/m)		Limit (dB μ V/m)	Emission Level (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
52.200	11.8	---	28.2	40.0	---	28.2	11.8
59.500	9.5	---	25.6	40.0	---	25.6	14.4
68.010	8.0	25.4	---	40.0	25.4	---	14.6
70.000	7.8	---	25.7	40.0	---	25.7	14.3
120.010	14.9	---	23.4	43.5	---	23.4	20.1
167.990	19.6	28.3	---	43.5	28.3	---	15.2
186.130	18.8	29.3	32.6	43.5	29.3	32.6	10.9
336.000	20.3	34.0	27.8	46.0	34.0	27.8	12.0
359.980	20.8	34.6	28.2	46.0	34.6	28.2	11.4
371.980	21.0	39.8	32.9	46.0	39.8	32.9	6.2
540.080	24.4	37.5	---	46.0	37.5	---	8.5
587.040	25.7	38.0	---	46.0	38.0	---	8.0
599.970	26.0	36.4	30.4	46.0	36.4	30.4	9.6
615.680	26.3	38.4	---	46.0	38.4	---	7.6

Note : 1) Meter Readings include Correction Factor (Antenna factor , Cable loss).
 2) Margin = Limit - Emission Level.

Tested by : 
 Kunihiko Ooi

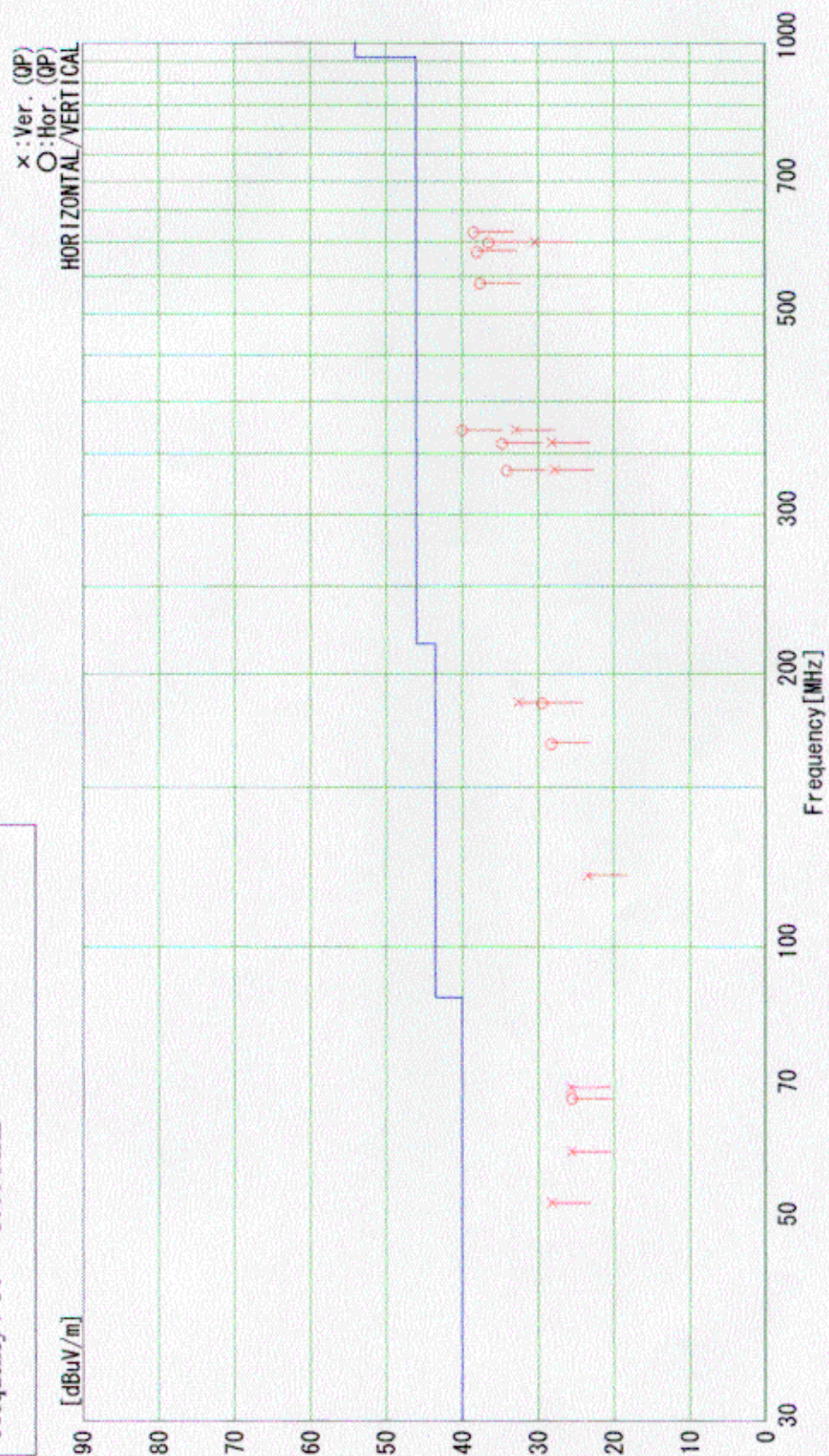
Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m

EUT : Fine Pix A303 120V/60Hz

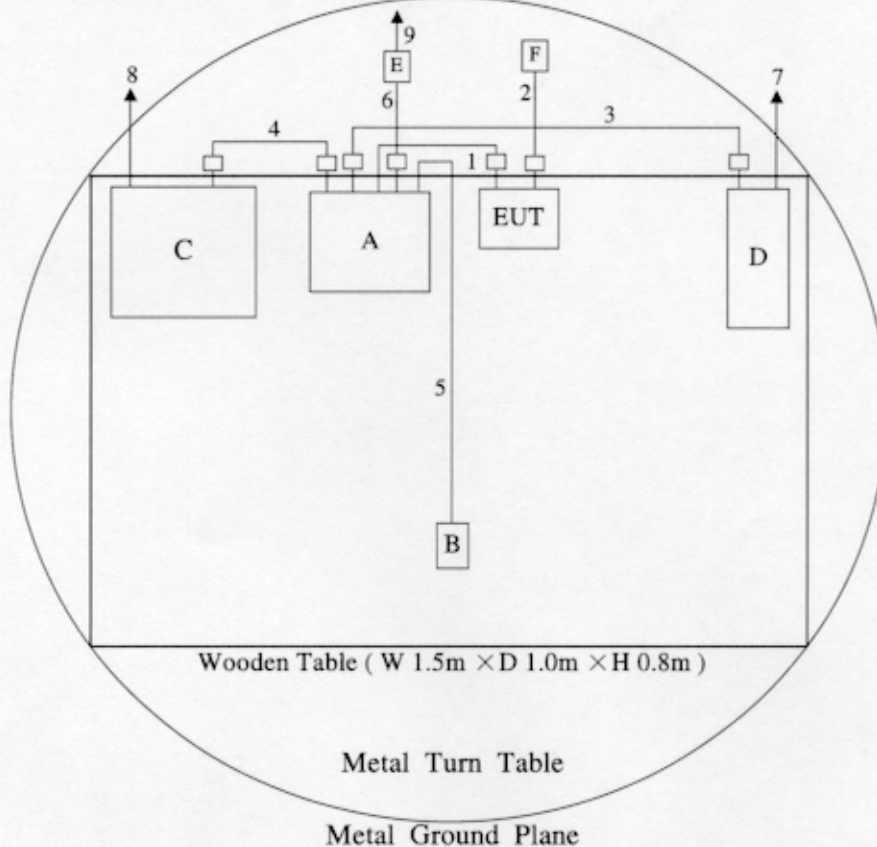
MODE : PLAY Mode

Frequency : 30 ~ 1000 MHz



EUT's Test Arrangement of Radiation

Non Metallic (F. R. P.) Dome (W 8.0m × D 6.3m × H 5.5m)



Test Configuration

No.	Device	MODEL No.	FCC ID	S/N	Manufacturer
EUT	DIGITAL CAMERA	Fine Pix A303	F5GFP-A303	RU-00615	FUJI PHOTO FILM CO. , LTD.
A	PC NOTE BOOK COMPUTER	12XL212	DOC	1V08FHNJE1N5	COMPAQ COMPUTER COR.
B	MOUSE	M-BB48	DOC	LZE01271677	Logitech
C	PC MONITOR	M2978	BEJCA500	CY5430HF3CV	LG ELECTRONICS
D	SCANNER	AS1	F5GAS-1	0009	FUJI PHOTO FILM CO. , LTD.
E	AC ADAPTER	LE-9702B-01	-----	177625-001	COMPAQ COMPUTER COR.
F	AC ADAPTER	AC-3V	-----	0044	FUJI PHOTO FILM CO. , LTD.

TDK Application No : TDC-02-0609(1)

Connection Cables

No.	I/F & Power Cable	Model No.	Cable Length	Feraite Core	Manufacturer
1	USB CABLE	-----	1.20 m	YES	SHIELD YES
2	AC ADAPTOR CABLE	-----	1.90 m	YES	
3	SCSI CABLE	-----	1.50 m	YES	SHIELD YES
4	PC MONITOR CABLE	-----	1.65 m	YES	SHIELD YES
5	MOUSE CABLE	-----	1.90 m		SHIELD YES
6	AC ADAPTOR CABLE(PC)	-----	1.55 m	YES	SHIELD YES
7	AC CABLE(SCANNER)	-----	1.80 m		
8	PC MONITOR POWER CABLE	-----	1.70 m		
9	AC INLET CABLE	-----	1.80 m		

RADIATION MEASUREMENT

EUT : DIGITAL CAMERA

MODEL No. Fine Pix A303

CONFIGURATION FRONT VIEW



CONFIGURATION REAR VIEW



EUT's Test Arrangement of Radiation

Fig 1

Non metallic (F. R. P.) Dome (W 8.0m × D 6.3m × H 5.5m)

