

TDK EMC CENTER CHIKUMAGAWA OPEN SITE

543 OTAI SAKU-CITY NAGANO JAPAN

REPORT OF MEASUREMENTS ON DIGITAL DEVICE

Date : June 07, 2001

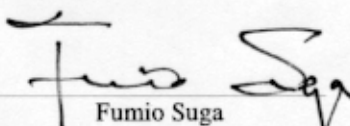
Issued in : Saku-city, JAPAN

TDK APPLICATION No.: TDC-01-0601

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-A101
3-4. Trade Name : FUJIFILM
3-5. Model No. : Fine Pix A101
3-6. Serial No. : U002814
3-7. Date of Manufacture : April, 2001
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, 2001
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-01-0601

MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : June 05 ,2001

Temp. : 19 °C ; Humi. : 58 %

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 A101

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 .

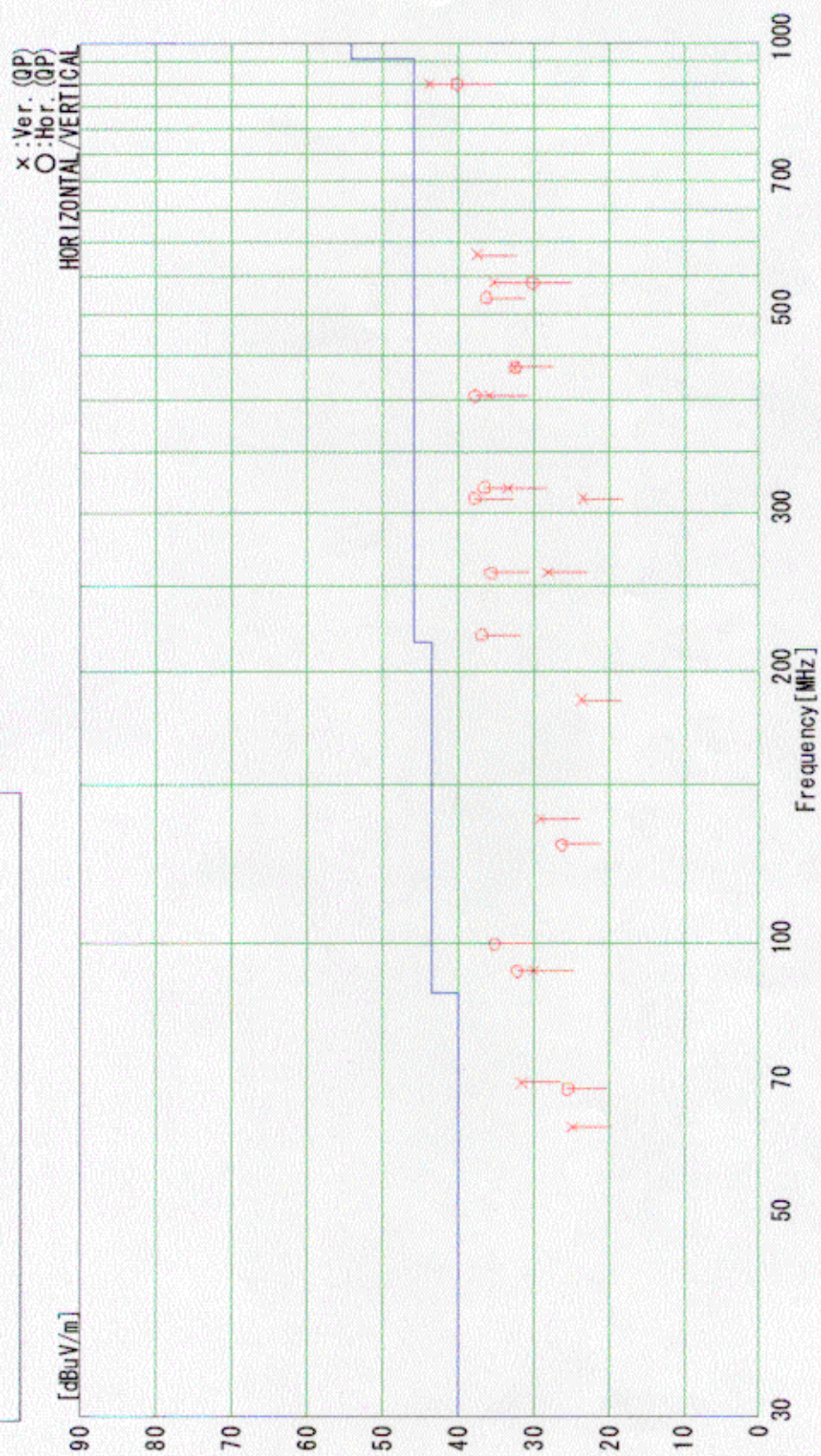
Frequency (MHz)	Correction Factor (dB)	Meter Reading (dB μ V/m)		Limit (dB μ V/m)	Emission Level (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
62.730	8.8	---	24.7	40.0	---	24.7	15.3
69.080	7.9	25.4	---	40.0	25.4	---	14.6
70.250	7.8	---	31.5	40.0	---	31.5	8.5
93.350	10.7	32.1	29.9	43.5	32.1	29.9	11.4
100.010	12.0	35.1	---	43.5	35.1	---	8.4
128.860	15.9	26.2	---	43.5	26.2	---	17.3
137.740	16.3	---	29.0	43.5	---	29.0	14.5
186.140	18.8	---	23.6	43.5	---	23.6	19.9
220.030	20.3	36.8	---	46.0	36.8	---	9.2
257.720	20.9	35.6	28.0	46.0	35.6	28.0	10.4
311.420	19.8	37.8	23.4	46.0	37.8	23.4	8.2
320.050	20.0	36.5	33.3	46.0	36.5	33.3	9.5
404.990	21.5	37.7	35.9	46.0	37.7	35.9	8.3
435.550	22.3	32.4	32.6	46.0	32.4	32.6	13.4
520.080	24.0	36.2	---	46.0	36.2	---	9.8
540.940	24.4	30.2	35.3	46.0	30.2	35.3	10.7
581.010	25.5	---	37.5	46.0	---	37.5	8.5
899.040	31.8	40.2	43.7	46.0	40.2	43.7	2.3

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

2) Margin = Limit — Emission Level.

Tested by : *Kunihiko Gori*
 Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m
EUT : Fine Pix A101 120V/60Hz
MODE : CAMERA Mode
Frequency : 30 ~ 1000 MHz



MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

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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

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Test Condition of Equipment Under Test (EUT)

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

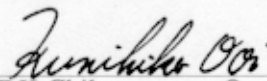
2) EUT Grounding : None.

3) Operating Condition : USB Mode .

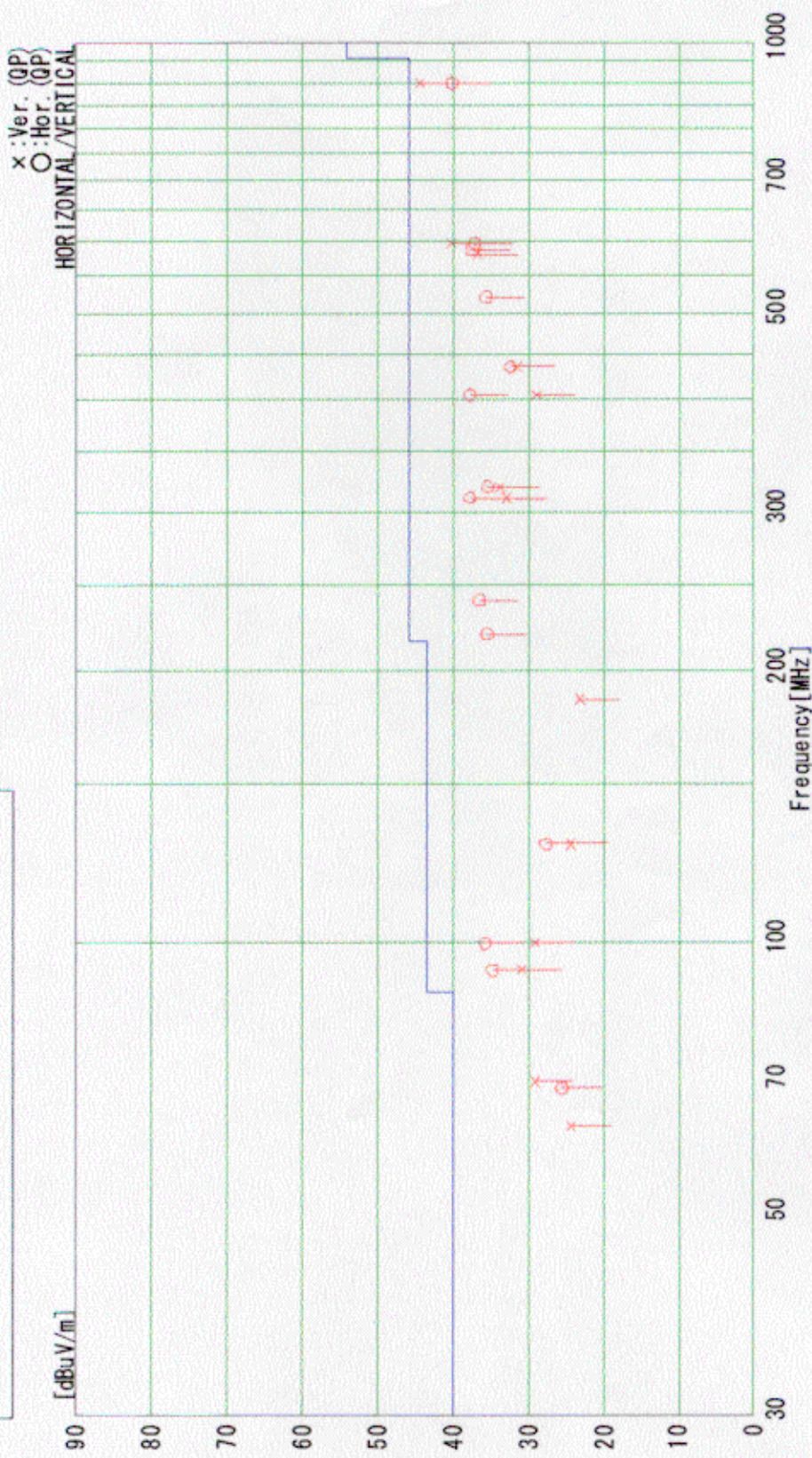
Frequency (MHz)	Correction Factor (dB)	Meter Reading (dB μ V/m)		Limit (dB μ V/m)	Emission Level (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
62.730	8.8	---	24.3	40.0	---	24.3	15.7
69.080	7.9	25.5	---	40.0	25.5	---	14.5
70.250	7.8	---	29.1	40.0	---	29.1	10.9
93.350	10.7	34.7	30.8	43.5	34.7	30.8	8.8
100.010	12.0	35.7	29.0	43.5	35.7	29.0	7.8
128.860	15.9	27.6	24.4	43.5	27.6	24.4	15.9
186.140	18.8	---	23.1	43.5	---	23.1	20.4
220.030	20.3	35.5	---	46.0	35.5	---	10.5
240.020	20.7	36.5	---	46.0	36.5	---	9.5
311.420	19.8	37.7	32.9	46.0	37.7	32.9	8.3
320.050	20.0	35.4	33.7	46.0	35.4	33.7	10.6
404.990	21.5	37.7	28.9	46.0	37.7	28.9	8.3
435.550	22.3	32.4	31.5	46.0	32.4	31.5	13.6
520.080	24.0	35.6	---	46.0	35.6	---	10.4
580.970	25.5	---	36.7	46.0	---	36.7	9.3
587.040	25.7	37.5	---	46.0	37.5	---	8.5
596.400	25.9	37.1	40.3	46.0	37.1	40.3	5.7
899.040	31.8	40.2	44.4	46.0	40.2	44.4	1.6

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

2)Margin = Limit — Emission Level.

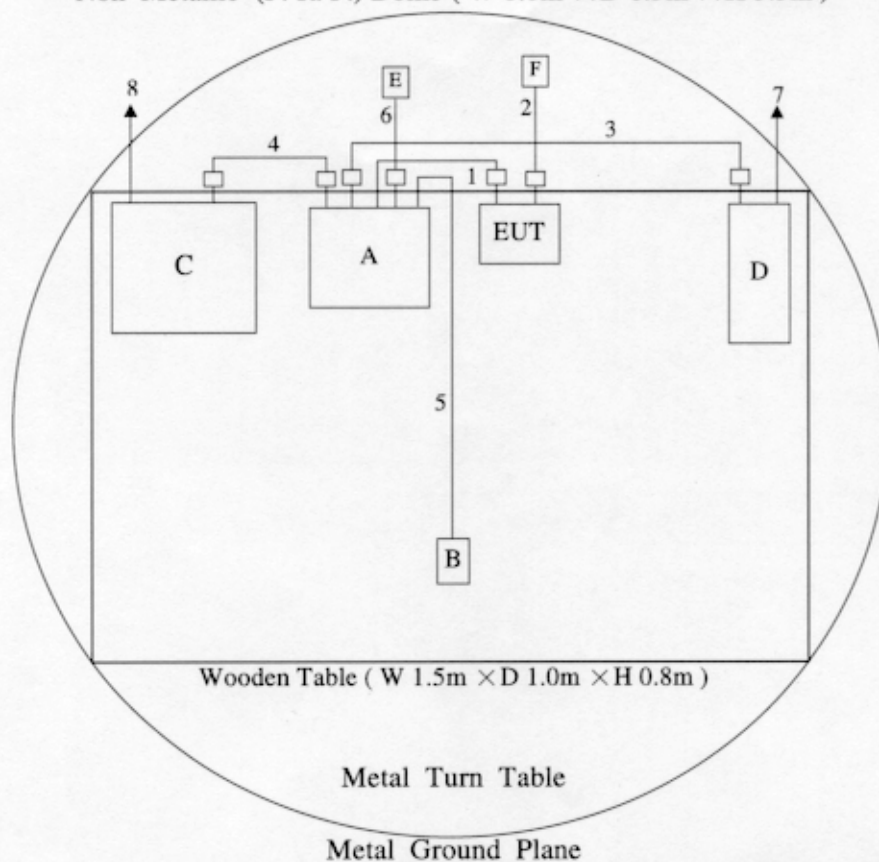
Tested by : 
 Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m
EUT : Fine Pix A101 120V/60Hz
MODE : USB 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 A101	F5GFP-A101	U002814	FUJI PHOTO FILM CO. , LTD.
A	PC NOTE BOOK COMPUTER	12XL212	DOC	1V08FHNJE1N	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-01-0601

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	
7	AC CABLE(SCANNER)	-----	1.80 m		
8	PC MONITOR POWER CABLE	-----	1.70 m		

RADIATION MEASUREMENT

EUT : DIGITAL CAMERA

MODEL No. Fine Pix A101

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)

