

TDK CORPORATION
QUALITY ASSURANCE DEPARTMENT
2-15-7 HIGASHI-OWADA, ICHIKAWA-SHI
CHIBA 272-0026, JAPAN

TDK EMC CENTER CHIKUMAGAWA OPEN SITE

543 OTAI SAKU-CITY NAGANO JAPAN

REPORT OF MEASUREMENTS ON DIGITAL DEVICE

Date : March 12, 2002

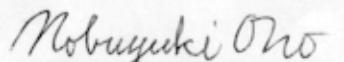
Issued in : Saku-city, JAPAN

TDK APPLICATION No.: TDC-02-0303

1. Applicant : FUJI PHOTO FILM CO., LTD
13-45, SENZUI 3 - CHOME, ASAKA - SHI, SAITAMA
351 - 8585 JAPAN
2. Factory : FUJI FILM PHOTONIX 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-S602
3-4. Trade Name : FUJIFILM
3-5. Model No. : Fine Pix S602
3-6. Serial No. : RJA00210
3-7. Date of Manufacture : February, 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 : March 08, 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-02-0303

MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : March 08 ,2002

Temp. : 13 °C ; Humi. : 40 %

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 S602

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 .

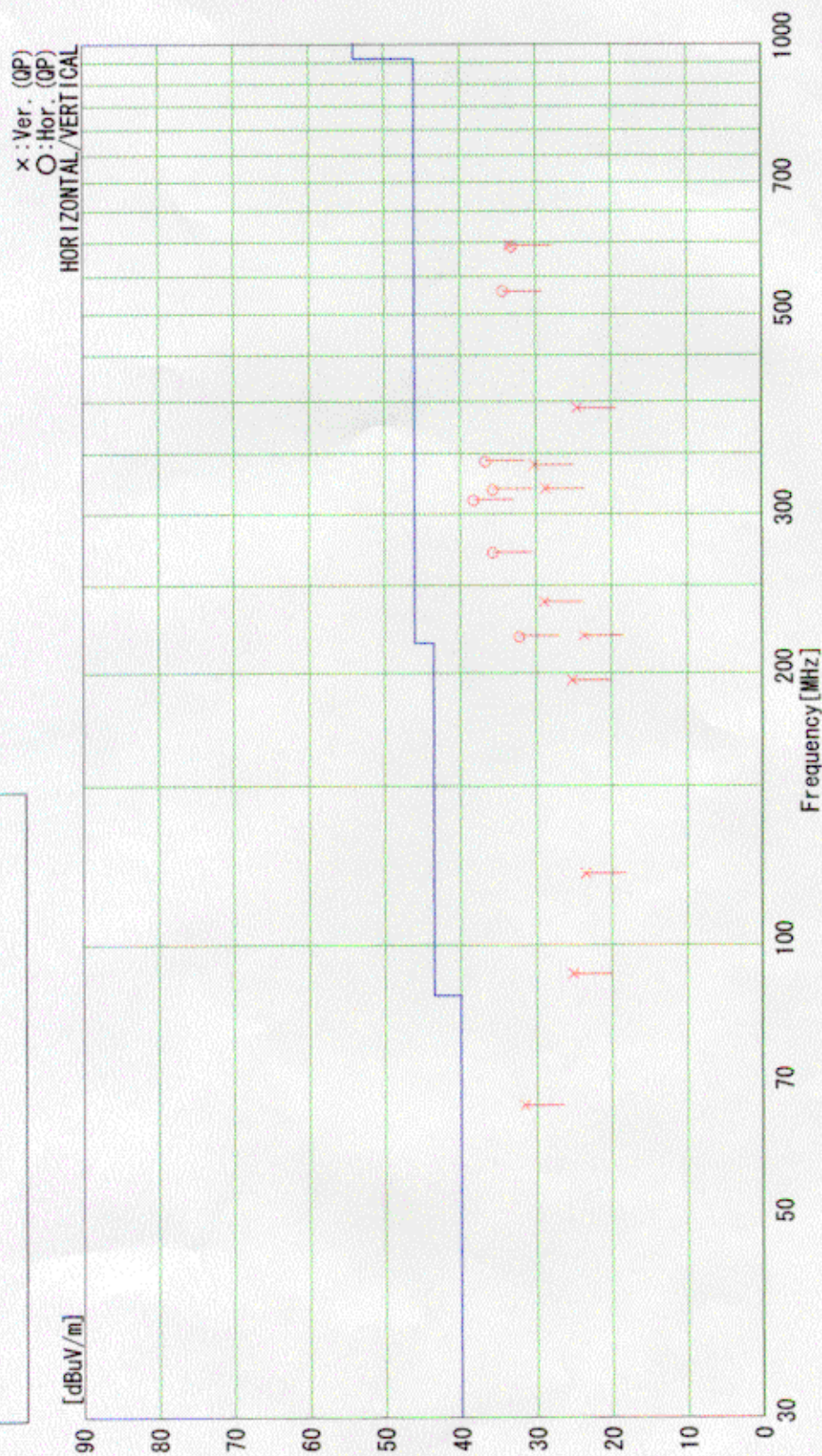
Frequency (MHz)	Correction Factor (dB)	Meter Reading (dB μ V/m)		Limit (dB μ V/m)	Emission Level (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
66.450	8.2	---	31.6	40.0	---	31.6	8.4
92.930	10.6	---	25.1	43.5	---	25.1	18.4
120.020	14.9	---	23.4	43.5	---	23.4	20.1
196.360	19.2	---	25.2	43.5	---	25.2	18.3
220.030	20.3	32.1	23.6	46.0	32.1	23.6	13.9
240.010	20.7	---	28.9	46.0	---	28.9	17.1
272.050	21.5	35.7	---	46.0	35.7	---	10.3
311.420	19.8	38.1	---	46.0	38.1	---	7.9
320.050	20.0	35.6	28.7	46.0	35.6	28.7	10.4
340.050	20.4	---	30.2	46.0	---	30.2	15.8
343.630	20.5	36.6	---	46.0	36.6	---	9.4
393.230	21.3	---	24.5	46.0	---	24.5	21.5
529.770	24.2	34.3	---	46.0	34.3	---	11.7
595.800	25.9	33.0	33.4	46.0	33.0	33.4	12.6

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

Tested by : *Kunihiko Ooi*
Kunihiko Ooi

Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m
 EUT : Fine Pix S602 120V/60Hz
 MODE : PC CAMERA Mode
 Frequency : 30 ~ 1000 MHz



MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : March 08 ,2002

Temp. : 13 °C ; Humi. : 40 %

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 S602**

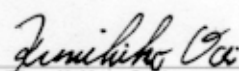
Test Condition of Equipment Under Test (EUT)

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

2) EUT Grounding : **None.**3) Operating Condition : **PLAY Mode .**

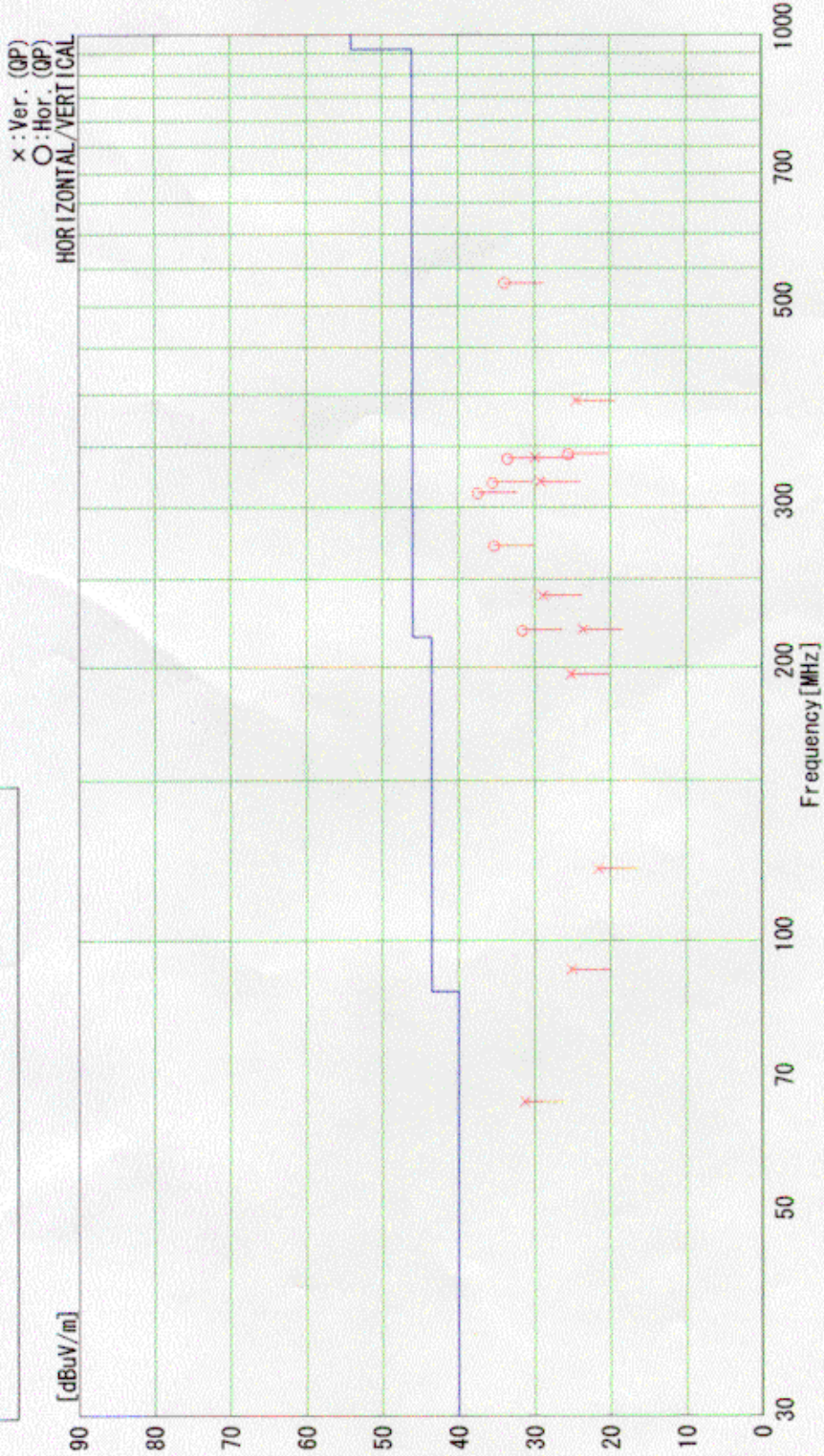
Frequency (MHz)	Correction Factor (dB)	Meter Reading (dB μ V/m)		Limit (dB μ V/m)	Emission Level (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
66.450	8.2	---	31.3	40.0	---	31.3	8.7
92.930	10.6	---	25.1	43.5	---	25.1	18.4
120.020	14.9	---	21.6	43.5	---	21.6	21.9
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272.050	21.5	35.2	---	46.0	35.2	---	10.8
311.420	19.8	37.4	---	46.0	37.4	---	8.6
320.050	20.0	35.4	29.2	46.0	35.4	29.2	10.6
340.050	20.4	33.4	29.9	46.0	33.4	29.9	12.6
343.630	20.5	25.5	---	46.0	25.5	---	20.5
393.230	21.3	---	24.5	46.0	---	24.5	21.5
529.770	24.2	33.9	---	46.0	33.9	---	12.1

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

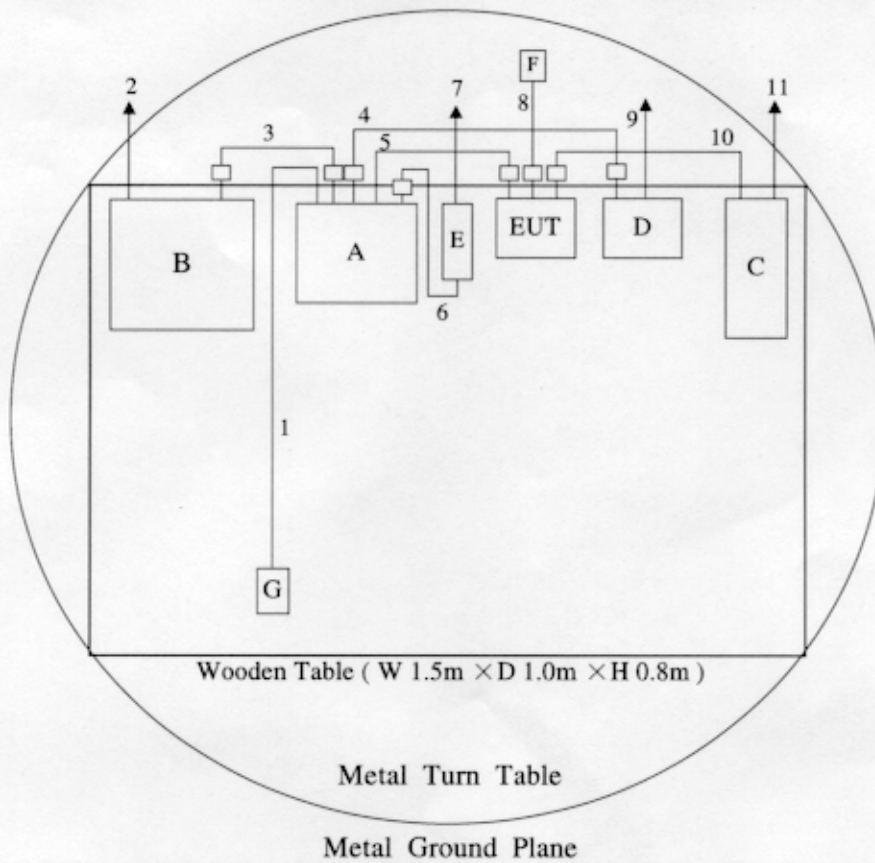
Tested by : 
Kunihiko Ooi

Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m
EUT : Fine Pix S602 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 S602	F5GFP-S602	RJA00210	FUJI PHOTO FILM CO. , LTD
A	NOTE BOOK COMPUTER	PRESARIO 12XL212	DOC	1V08FHNJE1N5	COMPAQ COMPUTER CO. ,LTD.
B	PC MONITOR	M2978	BEJCA500	CY52401HF3CV	LG ELECTRONICS
C	VIDEO MONITOR	PVM-8040	-----	2029411	SONY
D	SCANNER	AS1	F5GAS-1	0009	FUJI PHOTO FILM CO. , LTD
E	AC ADAPTER (PC)	LE-9702B-01	DOC	177625-001	COMPAQ COMPUTER CO. ,LTD.
F	AC ADAPTER (EUT)	AC-5VS	-----	9956	FUJI PHOTO FILM CO. , LTD
G	MOUSE	M-BB48	DOC	LZE01271677	LOGITECH

TDC Application No : TDC-02-0303

Connection Cables

No.	I/F & Power Cable	Model No.	Cable Length	Feraite Core	Manufacturer
1	MOUSE CABLE	-----	1.90 m		SHIELD YES
2	PC MONITOR POWER CABLE	-----	1.70 m		
3	PC MONITOR CABLE	-----	1.65 m	YES	SHIELD YES
4	SCSI CABLE	-----	1.50 m	YES	SHIELD YES
5	USB CABLE	-----	1.50 m	YES	SHIELD YES
6	AC ADAPTOR CABLE	-----	1.50 m	YES	SHIELD YES
7	ADAPTOR POWER CABLE	-----	1.70 m		
8	EUT ADAPTOR CABLE	-----	1.90 m	YES	SHIELD YES
9	AC CABLE(SCANNER)	-----	1.80 m		
10	AV CABLE	-----	1.40 m	YES	SHIELD YES
11	AC CABLE(VIDEO MONITOR)	-----	1.50 m		

RADIATION MEASUREMENT

EUT : DIGITAL CAMERA

MODEL No. Fine Pix S602

CONFIGURATION FRONT VIEW



CONFIGURATION REAR VIEW



EUT's Test Arrangement of Radiation

Fig 1

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

