

TDK EMC CENTER CHIKUMAGAWA OPEN SITE

543 OTAI SAKU-CITY NAGANO JAPAN

REPORT OF MEASUREMENTS ON DIGITAL DEVICE

Date : April 10, 2002

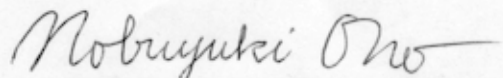
Issued in : Saku-city, JAPAN

TDK APPLICATION No.: TDC-02-0304

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 PHOTO PRINTER
3-2. Category : FCC Class B Digital Device
3-3. FCC ID No. : F5GCX-400
3-4. Trade Name : FUJIFILM
3-5. Model No. : Printpix Digital Photo Printer CX-400
3-6. Serial No. : P00005
3-7. Power Supply : 120 V AC, 60Hz
3-8. Date of Manufacture : March, 2002
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 11, 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

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TDK Application No. : TDC-02-0304

MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : March 11, 2002

Temp. : 14 °C ; Humi. : 35 %

Test Receiver : Rohde & Schwarz ESCS 30
 Operation Mode : Detector function : CISPR Quasi-Peak
 6dB Band width : 120kHz

External Attenuator : none

Description of Equipment DIGITAL PHOTO PRINTER

Model No. : Printpix Digital Photo Printer CX-400

Test Condition of Equipment Under Test (EUT)

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

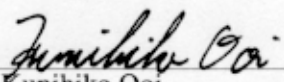
2) EUT Grounding : None.

3) Operating Condition : PRINT 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.	
38.300	16.5	---	32.4	40.0	---	32.4	7.6
68.200	8.0	26.4	34.0	40.0	26.4	34.0	6.0
83.470	8.7	---	26.0	40.0	---	26.0	14.0
96.010	11.2	27.8	27.8	43.5	27.8	27.8	15.7
120.010	14.9	36.7	---	43.5	36.7	---	6.8
144.010	16.7	---	23.0	43.5	---	23.0	20.5
192.010	19.1	40.2	37.6	43.5	40.2	37.6	3.3
196.360	19.2	36.3	28.9	43.5	36.3	28.9	7.2
311.420	19.8	39.6	---	46.0	39.6	---	6.4
319.090	20.0	36.8	37.8	46.0	36.8	37.8	8.2
340.060	20.4	35.7	---	46.0	35.7	---	10.3
343.630	20.5	33.6	39.0	46.0	33.6	39.0	7.0
368.180	20.9	---	37.9	46.0	---	37.9	8.1
417.270	21.8	31.2	36.8	46.0	31.2	36.8	9.2
490.900	23.4	---	39.2	46.0	---	39.2	6.8
539.990	24.4	39.3	38.9	46.0	39.3	38.9	6.7
564.530	25.0	---	39.1	46.0	---	39.1	6.9
834.530	29.6	---	35.5	46.0	---	35.5	10.5
908.160	32.0	36.8	40.5	46.0	36.8	40.5	5.5
957.250	32.7	---	38.7	46.0	---	38.7	7.3

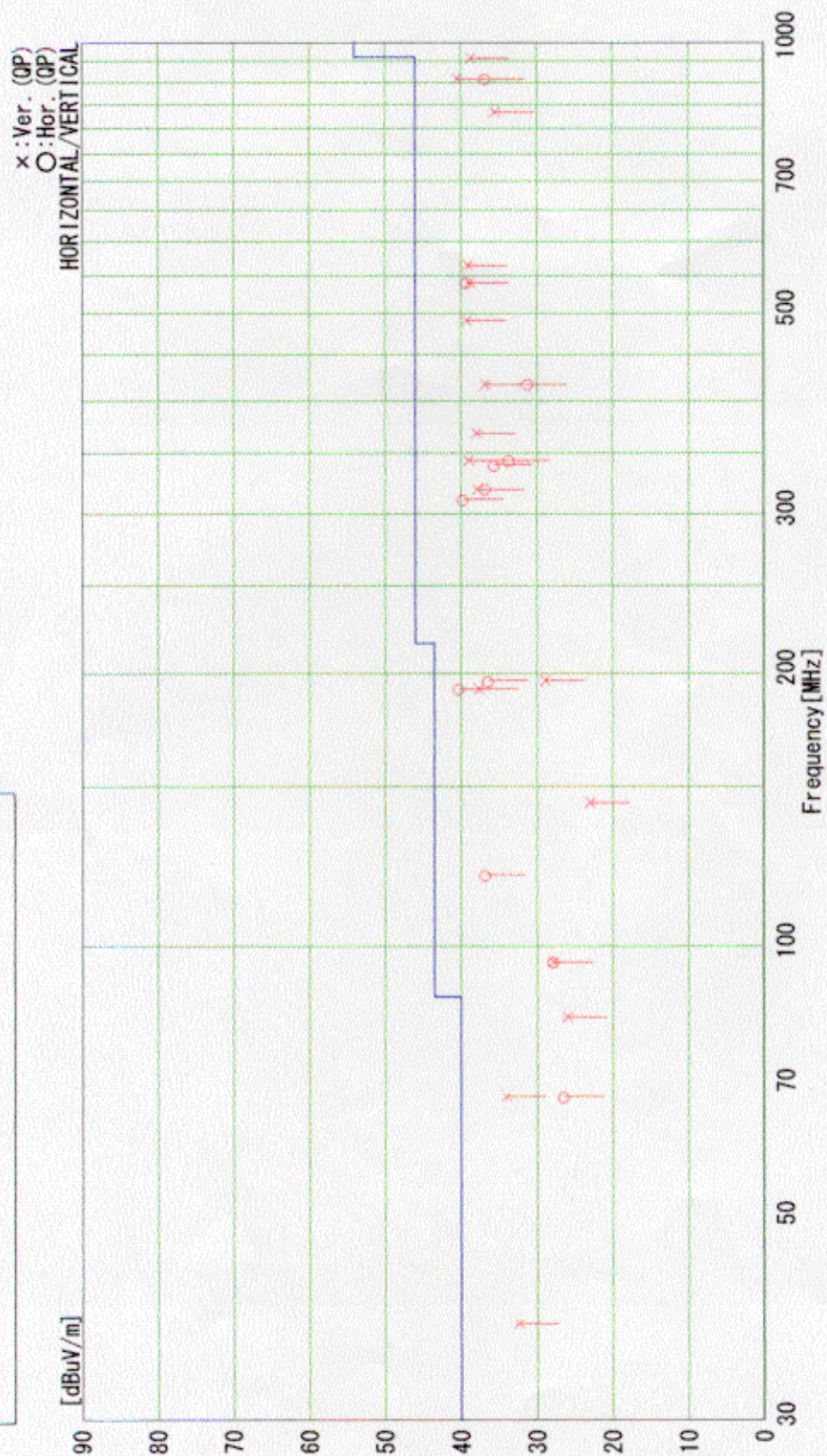
Note : 1) Meter Readings include Correction Factor (Antenna factor , Cable loss).

2) Margin = Limit - Emission Level.

Tested by : 
 Kunihiko Ooi

Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m
EUT : CX-400 120V/60Hz
MODE : PRINT Mode
Frequency : 30 ~ 1000 MHz



MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : March 11, 2002

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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 PHOTO PRINTER

Model No. : Printpix Digital Photo Printer CX-400

Test Condition of Equipment Under Test (EUT)

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

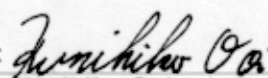
2) EUT Grounding : None.

3) Operating Condition : STANDBY 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.	
38.300	16.5	---	27.8	40.0	---	27.8	12.2
68.200	8.0	29.3	35.4	40.0	29.3	35.4	4.6
83.470	8.7	---	26.5	40.0	---	26.5	13.5
96.010	11.2	26.6	26.8	43.5	26.6	26.8	16.7
120.010	14.9	27.4	---	43.5	27.4	---	16.1
144.010	16.7	---	23.0	43.5	---	23.0	20.5
192.010	19.1	37.8	34.6	43.5	37.8	34.6	5.7
196.360	19.2	35.1	30.2	43.5	35.1	30.2	8.4
311.420	19.8	37.8	---	46.0	37.8	---	8.2
319.090	20.0	32.7	34.2	46.0	32.7	34.2	11.8
340.060	20.4	35.2	---	46.0	35.2	---	10.8
343.630	20.5	30.8	33.6	46.0	30.8	33.6	12.4
368.180	20.9	---	37.8	46.0	---	37.8	8.2
417.270	21.8	33.6	37.5	46.0	33.6	37.5	8.5
490.900	23.4	---	39.7	46.0	---	39.7	6.3
520.080	24.0	35.9	---	46.0	35.9	---	10.1
539.990	24.4	34.8	38.2	46.0	34.8	38.2	7.8
564.530	25.0	---	36.1	46.0	---	36.1	9.9
834.530	29.6	---	31.1	46.0	---	31.1	14.9
908.160	32.0	36.2	39.4	46.0	36.2	39.4	6.6
957.250	32.7	---	36.6	46.0	---	36.6	9.4

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

2) Margin = Limit - Emission Level.

Tested by : 
Kunihiko Ooi

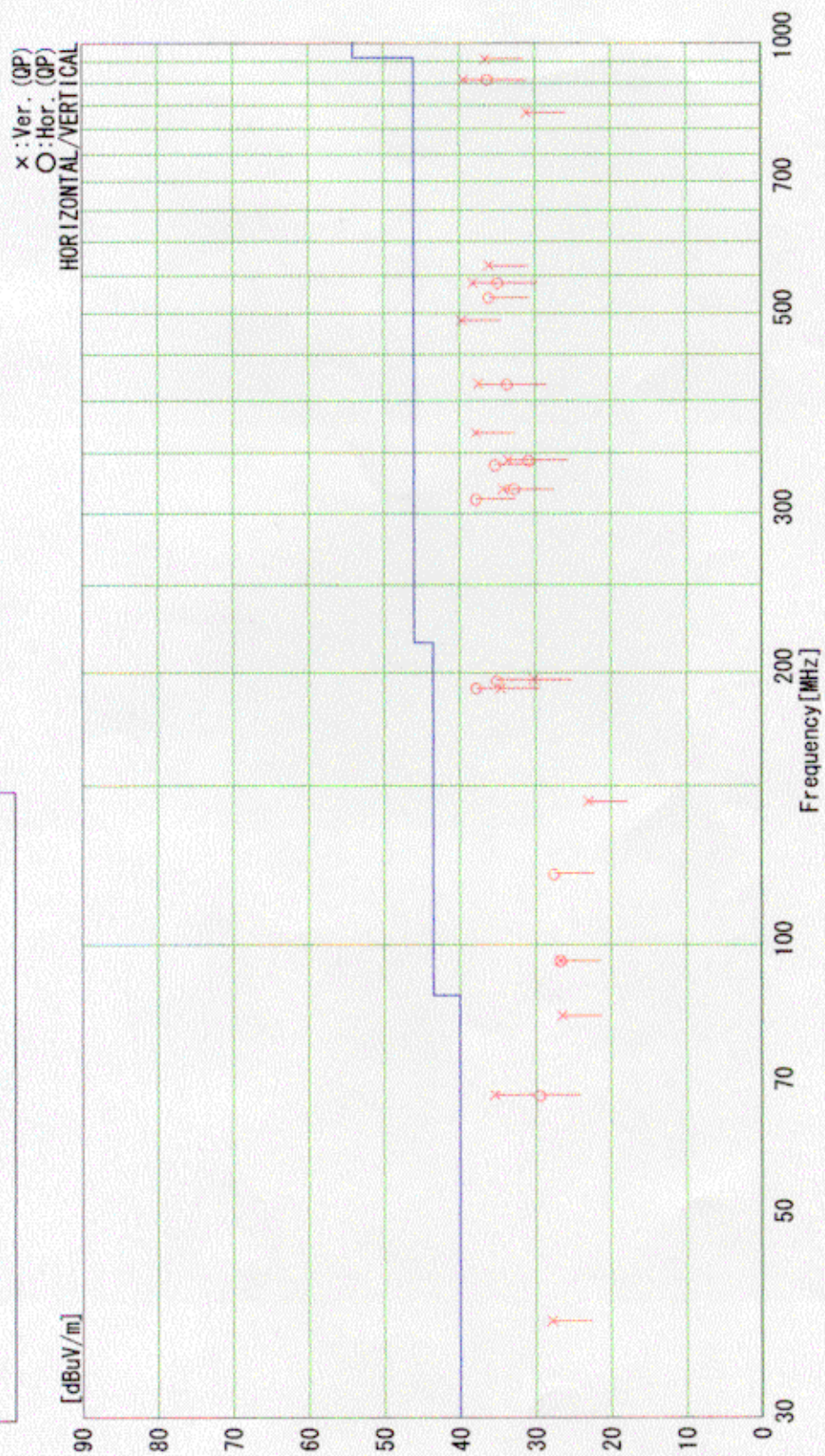
Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B RADIATED 3m

EUT : CX-400 120V/60Hz

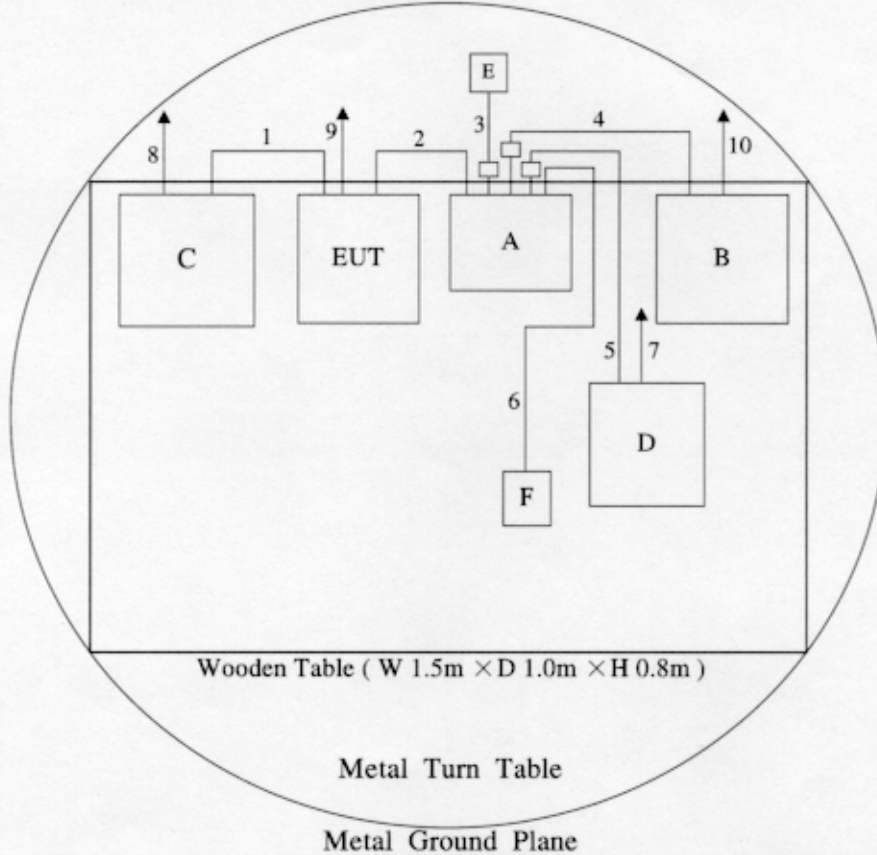
MODE : STANDBY Mode

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 PRINTER	CX-400	F5GCX-400	P00005	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-8042Q	---	2013288	SONY
D	FILM SCANNER	AS-1	F5GAS-1	0009	FUJI PHOTO FILM CO. , LTD
E	AC ADAPTOR (PC)	LE-9702B-01	DOC	177625-001	COMPAQ COMPUTER CO. , LTD
F	MOUSE	M-BB48	DOC	LZE01271677	LOGITECH

TDK Application No : TDC-02-0304

Connection Cables

No.	I/F & Power Cable	Model No.	Cable Length	Feraite Core	Manufacturer
1	VIDEO CABLE	---	2.40 m		SHIELDED
2	USB CABLE	---	1.00 m		SHIELDED
3	AC ADAPTOR CABLE	---	1.55 m	YES	SHIELDED
4	AC CABLE (SCANNER)	---	1.80 m		
5	SCSI CABLE (SCANNER)	---	1.50 m	YES	SHIELDED
6	MOUSE CABLE	---	1.90 m		SHIELDED
7	PC MONITOR CABLE	---	1.65 m	YES	SHIELDED
8	AC CABLE (VIDEO MONITOR)	---	1.50 m		
9	EUT AC CABLE	---	2.00 m		
10	AC CABLE (PC MONITOR)	---	1.70 m		

RADIATION MEASUREMENT

EUT : DIGITAL PHOTO PRINTER

MODEL No. Printpix Digital Photo Printer CX-400

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)

