

TDK EMC CENTER CHIKUMAGAWA OPEN SITE

543 OTAI SAKU-CITY NAGANO JAPAN

REPORT OF MEASUREMENTS ON DIGITAL DEVICE

Date : May 15 ,2000

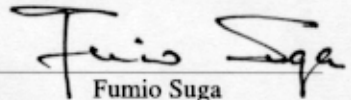
Issued in : Saku-city , JAPAN

TDK APPLICATION No.: TDC-00-0409

1. Applicant : FUJI PHOTO FILM CO . , LTD .
ASAHA TECHNOLOGY DEVELOPMENT CENTER
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 , 981-34 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-40I
- 3-4. Trade Name : FUJI FILM
- 3-5. Model No. : FinePix 40i
- 3-6. Serial No. : M21001
- 3-7. Power Supply : 120 V AC , 60Hz
- 3-8. Date of Manufacture : April 2000
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 : April 26 ,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

FAX : 047-378-9780

MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : April 26, 2000

Temp. : 15 °C ; Humi. : 36 %

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. : FinePix 40i

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

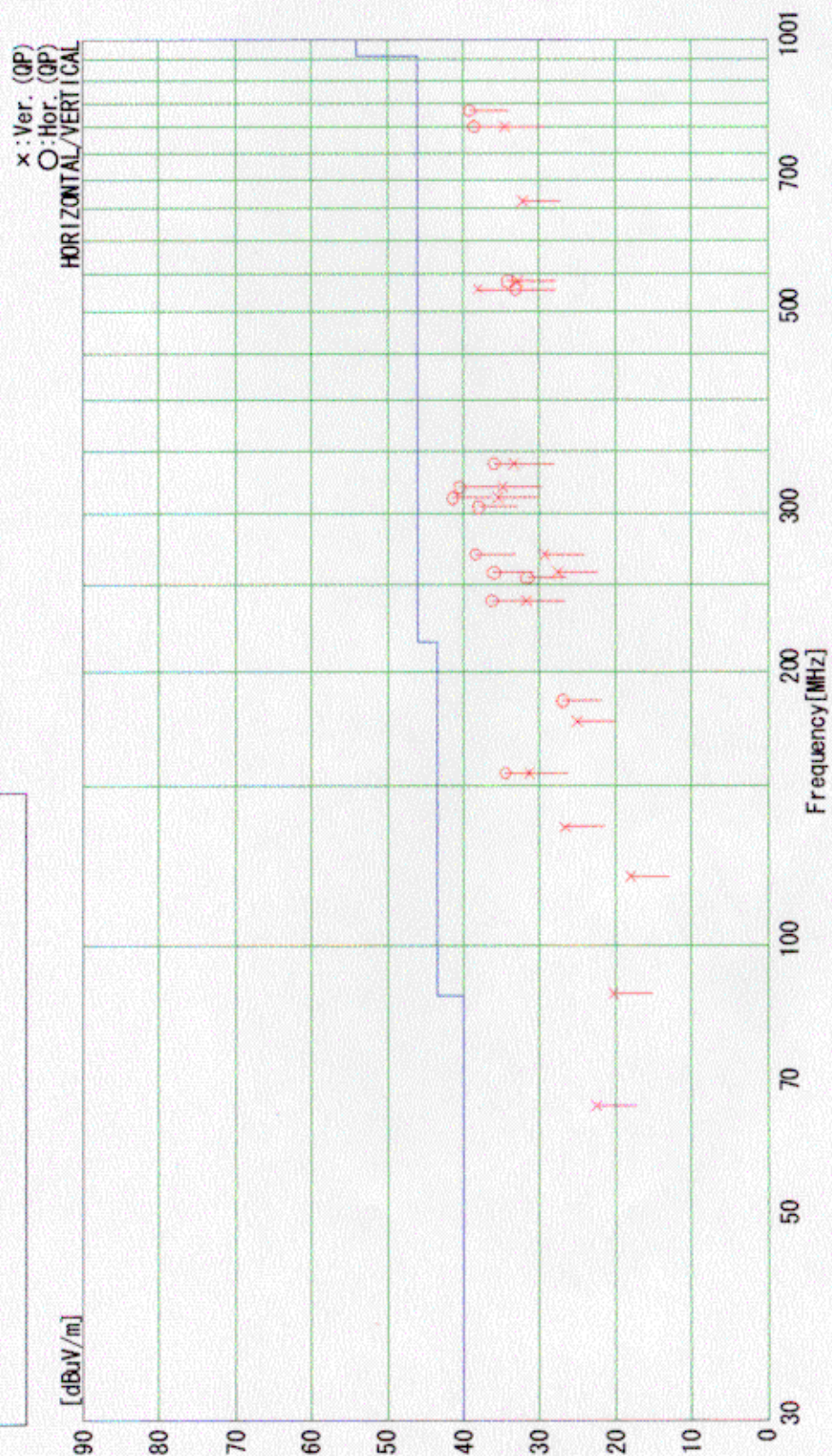
Frequency (MHz)	Correction Factor (dB)	Meter Reading at 3m (dB μ V/m)		Limit (dB μ V/m)	Emission Level at 3m (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
66.550	8.0	---	22.5	40.0	---	22.5	17.5
88.420	9.4	---	20.3	43.5	---	20.3	23.2
119.300	14.6	---	18.0	43.5	---	18.0	25.5
135.000	16.0	---	26.6	43.5	---	26.6	16.9
154.980	17.0	34.5	31.4	43.5	34.5	31.4	9.0
176.750	17.9	---	25.1	43.5	---	25.1	18.4
186.140	18.4	26.9	---	43.5	26.9	---	16.6
240.040	20.4	36.2	31.8	46.0	36.2	31.8	9.8
254.150	20.4	31.6	---	46.0	31.6	---	14.4
257.720	20.5	36.0	27.5	46.0	36.0	27.5	10.0
270.000	21.1	38.4	29.3	46.0	38.4	29.3	7.6
304.260	19.2	38.0	---	46.0	38.0	---	8.0
311.420	19.4	41.4	35.4	46.0	41.4	35.4	4.6
320.050	19.6	40.5	34.8	46.0	40.5	34.8	5.5
340.050	20.0	35.9	33.3	46.0	35.9	33.3	10.1
529.770	23.5	33.1	38.1	46.0	33.1	38.1	7.9
539.990	23.8	34.2	32.9	46.0	34.2	32.9	11.8
663.390	26.5	---	32.2	46.0	---	32.2	13.8
801.810	28.0	38.6	34.5	46.0	38.6	34.5	7.4
834.540	28.9	39.2	---	46.0	39.2	---	6.8

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

2) Margin = Limit - Emission Level.

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

FCC 15B CLASS B RADIATED 3m
EUT : FinePix 40i 120V/60Hz
MODE : CAMERA Mode
Frequency : 30 ~ 1000 MHz



TDK Application No. : TDC-00-0409

MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : April 26, 2000

Temp. : 15 °C ; Humi. : 36 %

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. : FinePix 40i

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

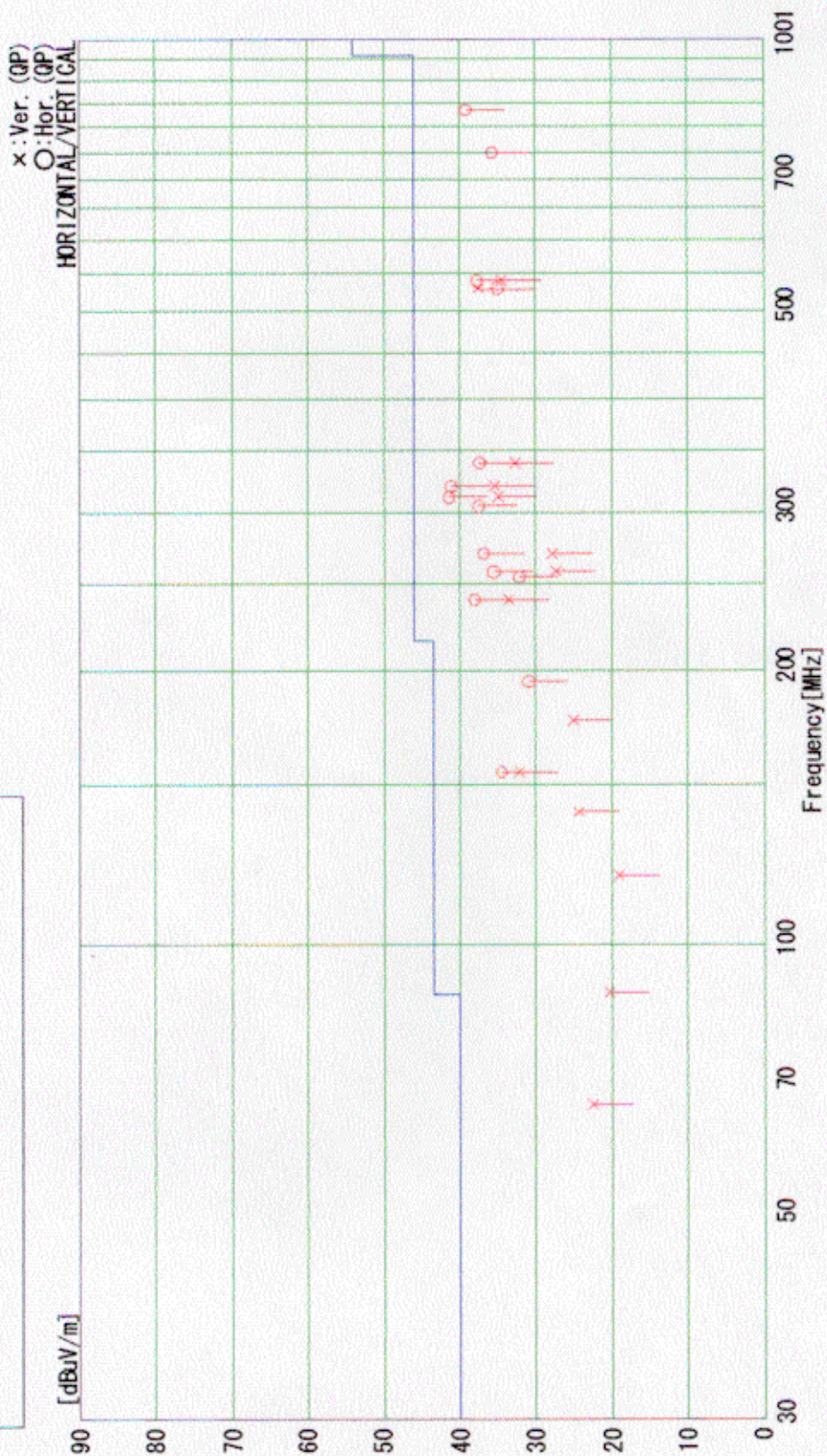
Frequency (MHz)	Correction Factor (dB)	Meter Reading at 3m (dB μ V/m)		Limit (dB μ V/m)	Emission Level at 3m (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
66.550	8.0	---	22.5	40.0	---	22.5	17.5
88.420	9.4	---	20.3	43.5	---	20.3	23.2
119.300	14.6	---	19.0	43.5	---	19.0	24.5
140.020	16.2	---	24.3	43.5	---	24.3	19.2
154.980	17.0	34.5	32.2	43.5	34.5	32.2	9.0
176.750	17.9	---	25.1	43.5	---	25.1	18.4
194.910	18.8	30.9	---	43.5	30.9	---	12.6
240.040	20.4	38.0	33.5	46.0	38.0	33.5	8.0
254.150	20.4	32.2	---	46.0	32.2	---	13.8
257.720	20.5	35.5	27.4	46.0	35.5	27.4	10.5
270.000	21.1	36.8	27.8	46.0	36.8	27.8	9.2
304.260	19.2	37.5	---	46.0	37.5	---	8.5
311.420	19.4	41.4	35.0	46.0	41.4	35.0	4.6
320.050	19.6	41.1	35.4	46.0	41.1	35.4	4.9
340.050	20.0	37.4	32.7	46.0	37.4	32.7	8.6
529.770	23.5	35.0	37.5	46.0	35.0	37.5	8.5
539.990	23.8	37.7	34.5	46.0	37.7	34.5	8.3
748.620	27.5	35.7	---	46.0	35.7	---	10.3
834.540	28.9	39.2	---	46.0	39.2	---	6.8

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

2) Margin = Limit - Emission Level.

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

FCC 15B CLASS B RADIATED 3m
EUT : FinePix 40i 120V/60Hz
MODE : USB Mode
Frequency : 30 ~ 1000 MHz



MEASUREMENT RESULTS OF CONDUCTED RADIO NOISE

Date : April 26 ,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. : FinePix 40i

; 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.
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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.

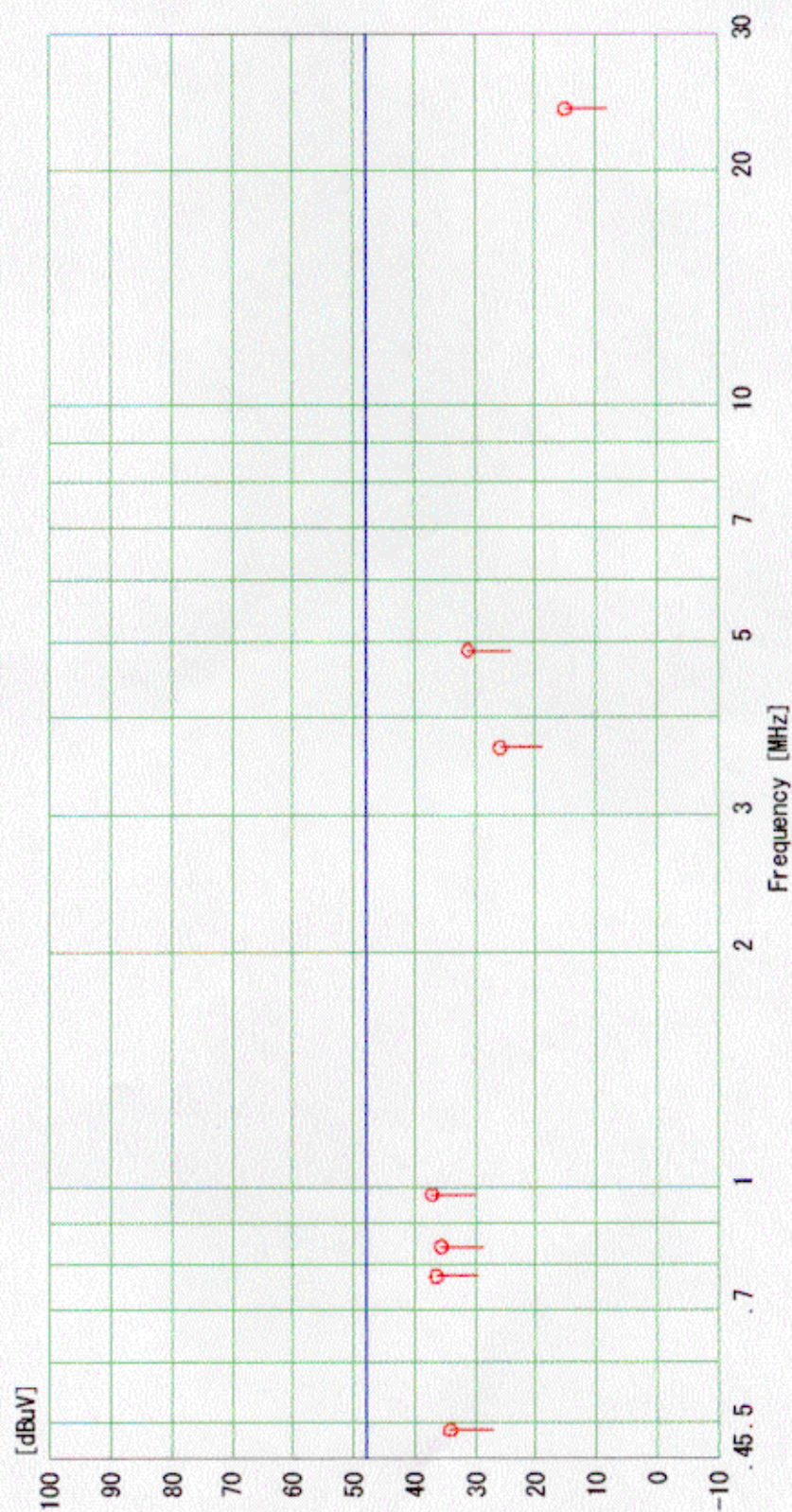
VB : Between the other end of the power cable and the grounded.

3) Margin = Limit - Emission Level.

Tested by : *Amiriko Coi*

Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED
 EUT : FinePix 40i 120V/60Hz
 MODE : CAMERA Mode
 Frequency : 0.45 ~ 30 MHz



Temp. : 22 °C ; Humi. : 35 %

External Attenuator : none

; Type : Desk Top

3) Operating Condition : USB MODE

Tested by : Junichiro Ooi
Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED
EUT : FinePix 40i 120V/60Hz
MODE : USB Mode
Frequency : 0.45 ~ 30 MHz

