

TDK EMC CENTER CHIKUMAGAWA OPEN SITE

543 OTAI SAKU-CITY NAGANO JAPAN

REPORT OF MEASUREMENTS ON DIGITAL DEVICE

Date : April 05, 2000

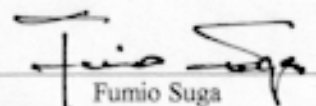
Issued in : Saku-city, JAPAN

TDK APPLICATION No.: TDC-00-0307

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-S1PRO
3-4. Trade Name : FUJI FILM
3-5. Model No. : FinePix S1 Pro
3-6. Serial No. : FU00020
3-7. Power Supply : 120 V AC, 60Hz
3-8. Date of Manufacture : March 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 : March 22, 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 : March 22, 2000

Temp. : 15 °C ; Humi. : 30 %

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 S1 Pro

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

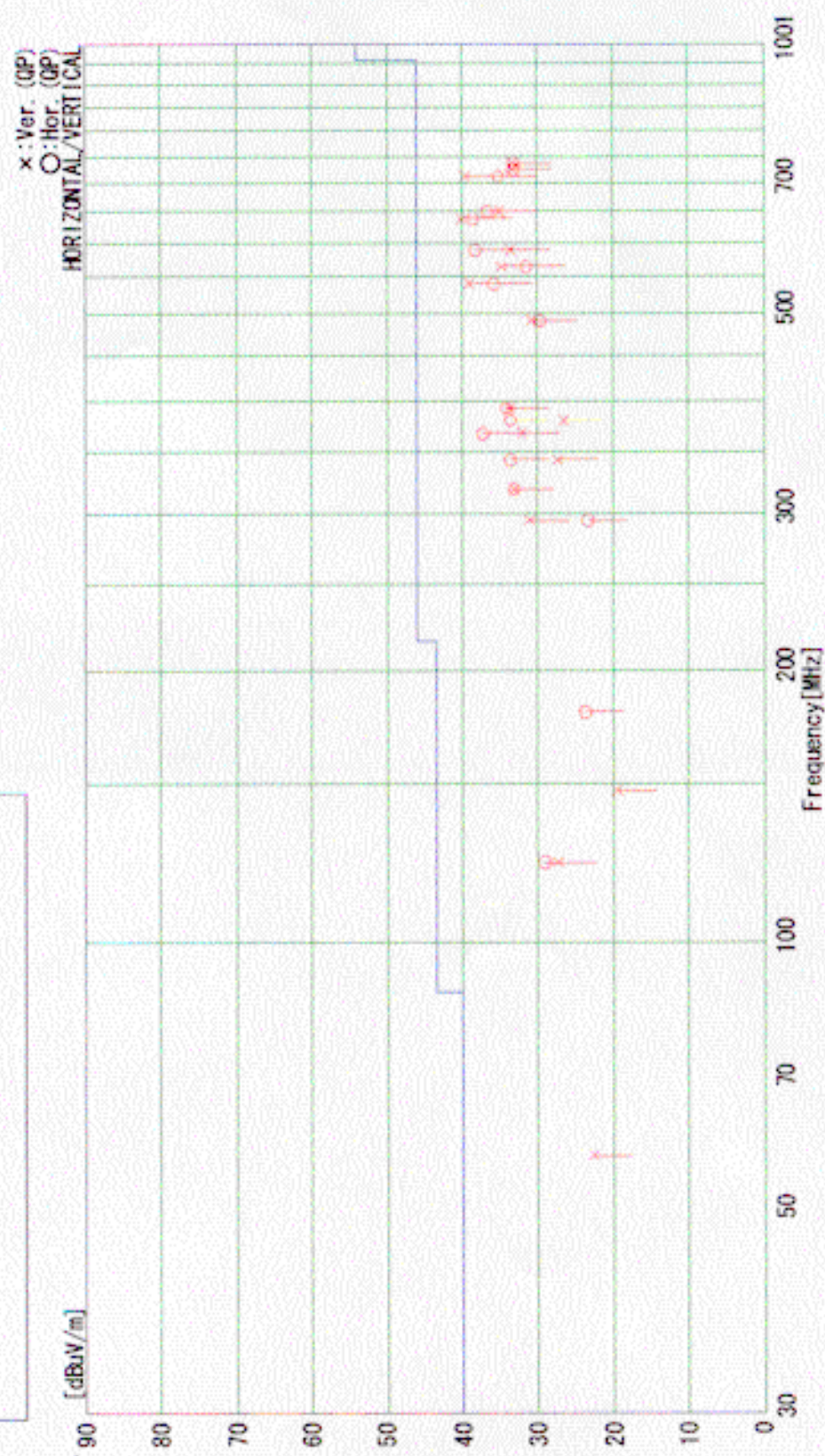
Frequency (MHz)	Correction Factor (dB)	Meter Reading at 3m (dB μ V/m)		Limit (dB μ V/m)	Emission Level at 3m (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
57.980	9.8	---	22.6	40.0	---	22.6	17.4
122.730	15.0	29.1	27.4	43.5	29.1	27.4	14.4
147.150	16.7	---	19.5	43.5	---	19.5	24.0
180.190	18.1	23.7	---	43.5	23.7	---	19.8
294.540	22.2	23.3	31.0	46.0	23.3	31.0	15.0
319.090	19.6	33.1	29.5	46.0	33.1	29.5	12.9
343.630	20.1	33.6	27.3	46.0	33.6	27.3	12.4
368.180	20.5	37.2	32.1	46.0	37.2	32.1	8.8
380.450	20.7	33.6	26.5	46.0	33.6	26.5	12.4
392.720	20.9	34.2	33.7	46.0	34.2	33.7	11.8
491.510	22.6	29.7	30.8	46.0	29.7	30.8	15.2
539.990	23.8	35.8	39.1	46.0	35.8	39.1	6.9
564.540	24.3	31.5	34.7	46.0	31.5	34.7	11.3
589.080	24.9	38.2	33.5	46.0	38.2	33.5	7.8
638.170	26.1	38.6	40.1	46.0	38.6	40.1	5.9
650.440	26.3	36.6	35.1	46.0	36.6	35.1	9.4
711.820	27.1	35.2	39.5	46.0	35.2	39.5	6.5
724.080	27.2	33.2	33.3	46.0	33.2	33.3	12.7
736.350	27.4	33.2	33.3	46.0	33.2	33.3	12.7

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 S1 Pro 120V/60Hz
 MODE : CAMERA Mode
 Frequency : 30 ~ 1000 MHz



MEASUREMENT RESULTS OF RADIATED RADIO NOISE at 3m

Date : March 22, 2000

Temp. : 15 °C ; Humi. : 30 %

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 S1 Pro

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 MODE

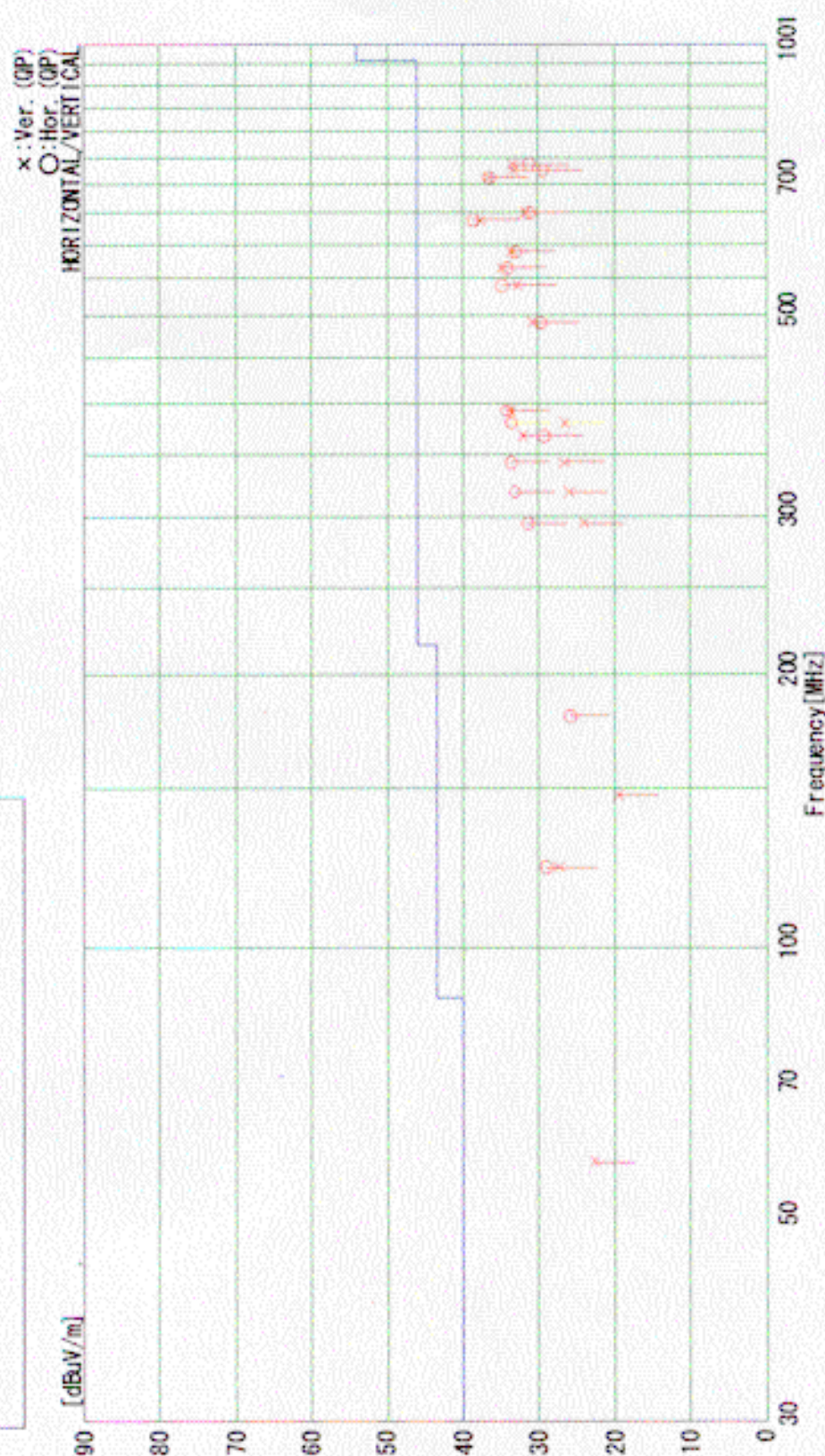
Frequency (MHz)	Correction Factor (dB)	Meter Reading at 3m (dB μ V/m)		Limit (dB μ V/m)	Emission Level at 3m (dB μ V/m)		Margin (dB)
		Hor.	Ver.		Hor.	Ver.	
57.980	9.8	---	22.6	40.0	---	22.6	17.4
122.730	15.0	29.0	27.4	43.5	29.0	27.4	14.5
147.150	16.7	---	19.5	43.5	---	19.5	24.0
180.190	18.1	25.8	---	43.5	25.8	---	17.7
294.540	22.2	31.4	24.0	46.0	31.4	24.0	14.6
319.090	19.6	33.1	26.0	46.0	33.1	26.0	12.9
343.630	20.1	33.6	26.6	46.0	33.6	26.6	12.4
368.180	20.5	29.3	32.1	46.0	29.3	32.1	13.9
380.450	20.7	33.6	26.5	46.0	33.6	26.5	12.4
392.720	20.9	34.2	33.7	46.0	34.2	33.7	11.8
491.510	22.6	29.7	30.8	46.0	29.7	30.8	15.2
539.990	23.8	34.8	32.8	46.0	34.8	32.8	11.2
564.540	24.3	34.1	34.7	46.0	34.1	34.7	11.3
589.080	24.9	32.9	33.5	46.0	32.9	33.5	12.5
638.170	26.1	38.6	37.6	46.0	38.6	37.6	7.4
650.440	26.3	31.2	31.8	46.0	31.2	31.8	14.2
711.820	27.1	36.4	36.6	46.0	36.4	36.6	9.4
724.080	27.2	29.4	33.3	46.0	29.4	33.3	12.7
736.350	27.4	31.2	33.3	46.0	31.2	33.3	12.7

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

2) Margin = Limit - Emission Level.

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

FCC 15B CLASS B RADIATED 3m
 EUT : FinePix S1 Pro 120V/60Hz
 MODE : PC Mode
 Frequency : 30 ~ 1000 MHz



Temp. : 18 °C ; Humi. : 55 %

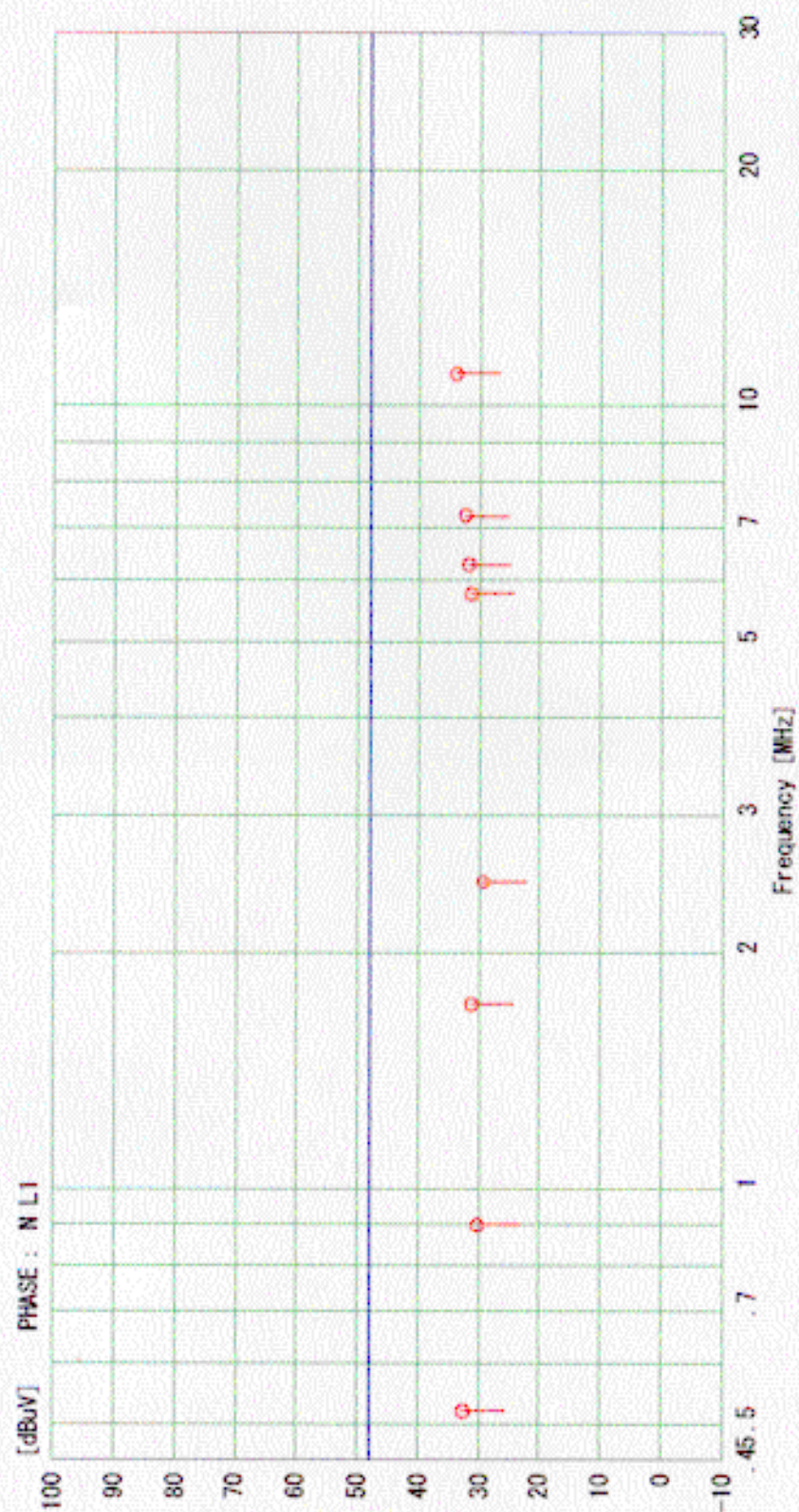
External Attenuator : none

; Type : Desk Top

3) Operating Condition : CAMERA MODE

Tested by : Junilabo Ooi
Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED
EUT : FinePix S1 Pro 120V/60Hz
MODE : CAMERA Mode
Frequency : 0.45 ~ 30 MHz



FCC 15B CLASS B CONDUCTED
EUT : FinePix S1 Pro 120V/60Hz
MODE : PC Mode
Frequency : 0.45 ~ 30 MHz

