

MEASUREMENT RESULTS OF CONDUCTED RADIO NOISE

Date : April 16, 2002

Temp. : 13 °C ; Humi. : 48 %

Test Receiver : Rohde & Schwarz ESCS 30

Operation Mode : Detector function : CISPR Quasi-Peak

6dB Band width : 10kHz

External Attenuator : none

Description of Equipment **DIGITAL CAMERA**

Model No. : Fine Pix S2 Pro

; Type : Desk Top

Test Condition of Equipment Under Test (EUT)

1) Configuration of EUT : Refer to sheet No.17, 18 and 19.

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.

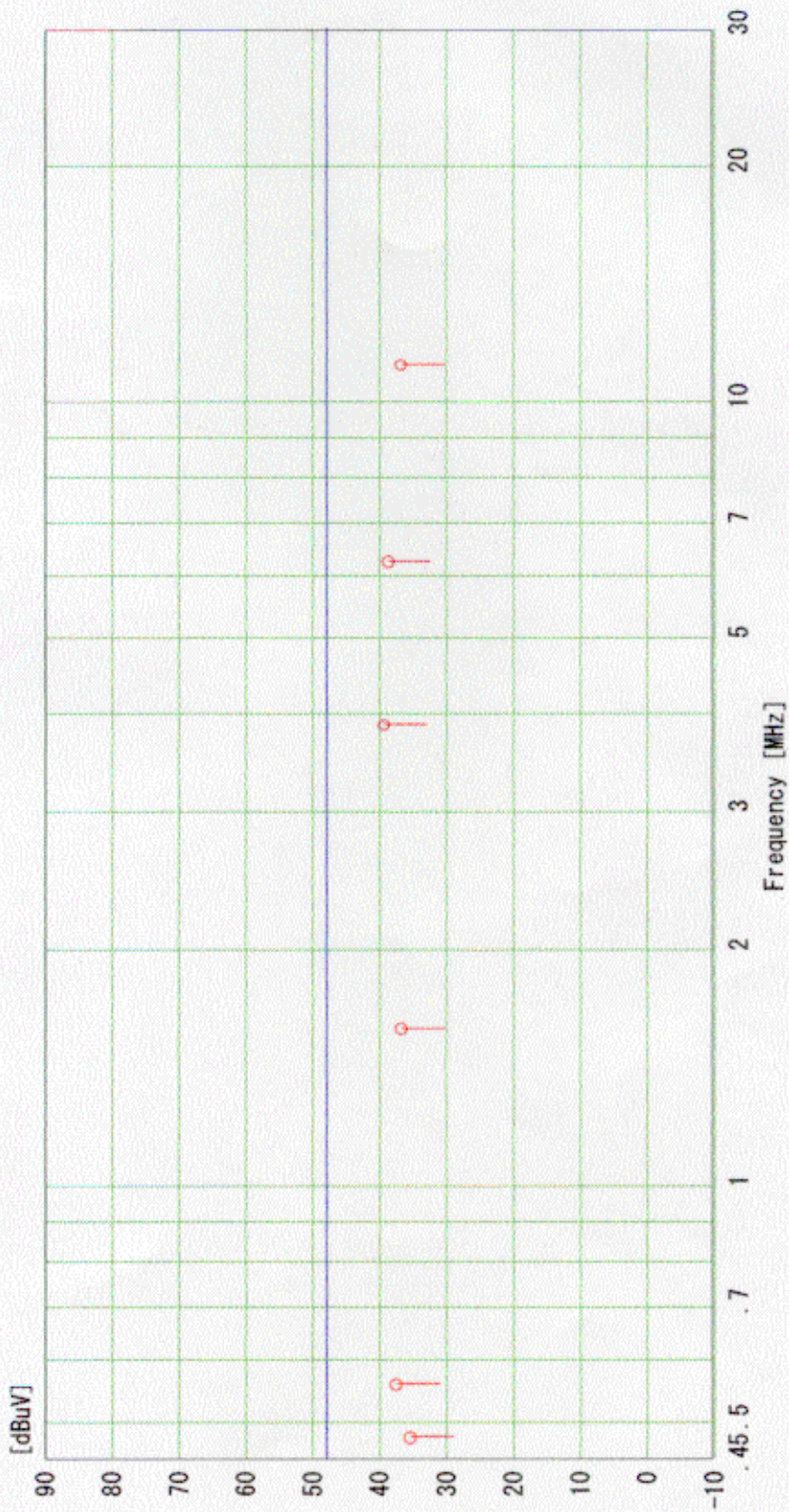
VB : Between the other end of the power cable and the grounded.

3) Margin = Limit – Emission Level.

Tested by : Kunihiko Ooi
Kunihiko Ooi

Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED
EUT : Fine Pix S2 Pro 120V/60Hz
MODE : CAMERA Mode
Frequency : 0.45 ~ 30 MHz



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; Type : Desk Top

Test Condition of Equipment Under Test (EUT)

1) Configuration of EUT : Refer to sheet No.17, 18 and 19.

2) EUT Grounding :	None.
--------------------	-------

3) Operating Condition : IEEE1394 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.

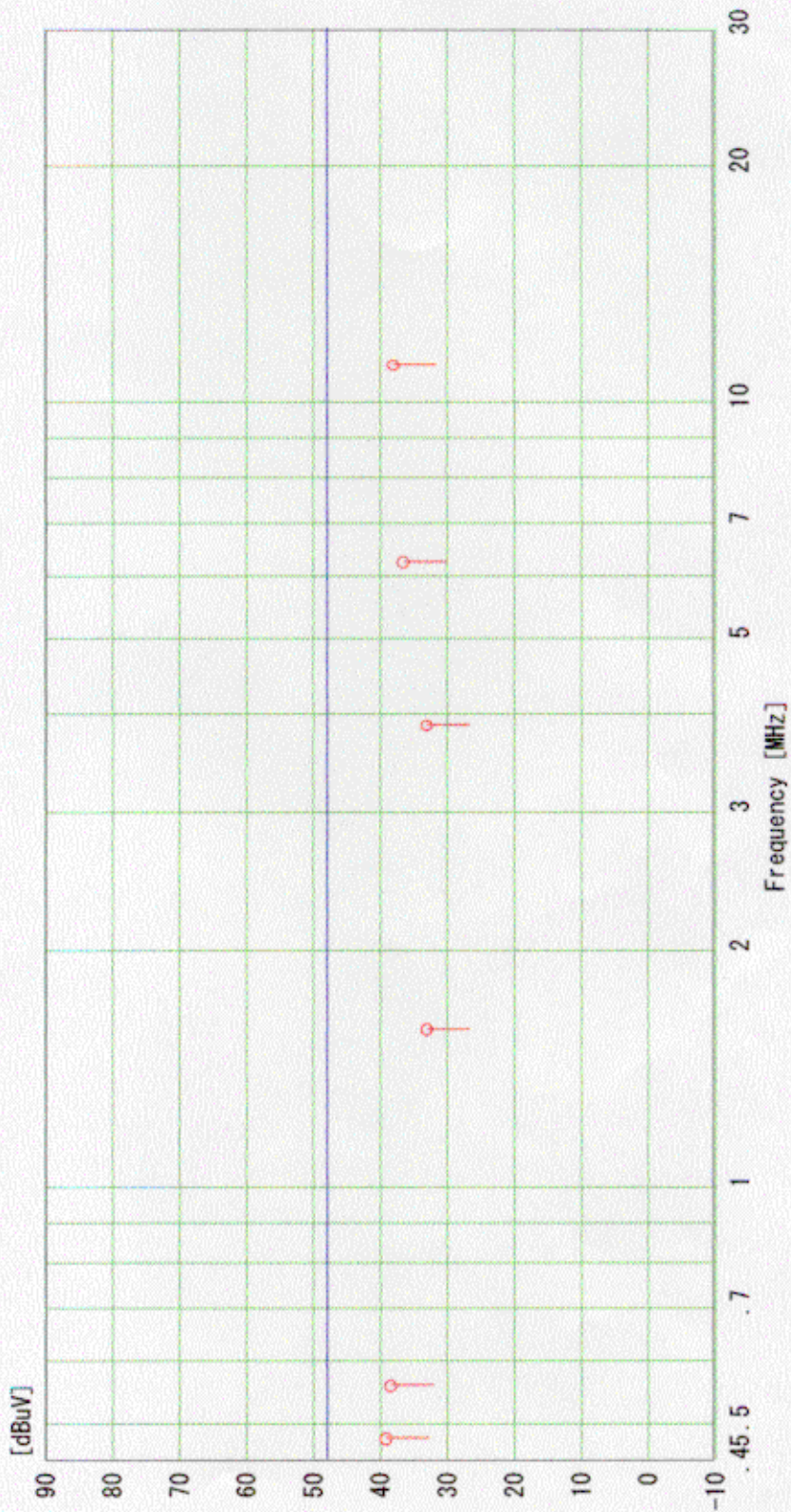
3) Margin = Limit – Emission Level.

Tested by :

Kunihiko Ooi

Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED
EUT : Fine Pix S2 Pro 120V/60Hz
MODE : IEEE1394 Mode
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Operation Mode : Detector function : CISPR Quasi-Peak

6dB Band width : 10kHz

External Attenuator : none

Description of Equipment DIGITAL CAMERA

Model No. : Fine Pix S2 Pro

; Type : Desk Top

Test Condition of Equipment Under Test (EUT)

1) Configuration of EUT : Refer to sheet No.17, 18 and 19.

2) EUT Grounding : None.

3) Operating Condition : USB 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.

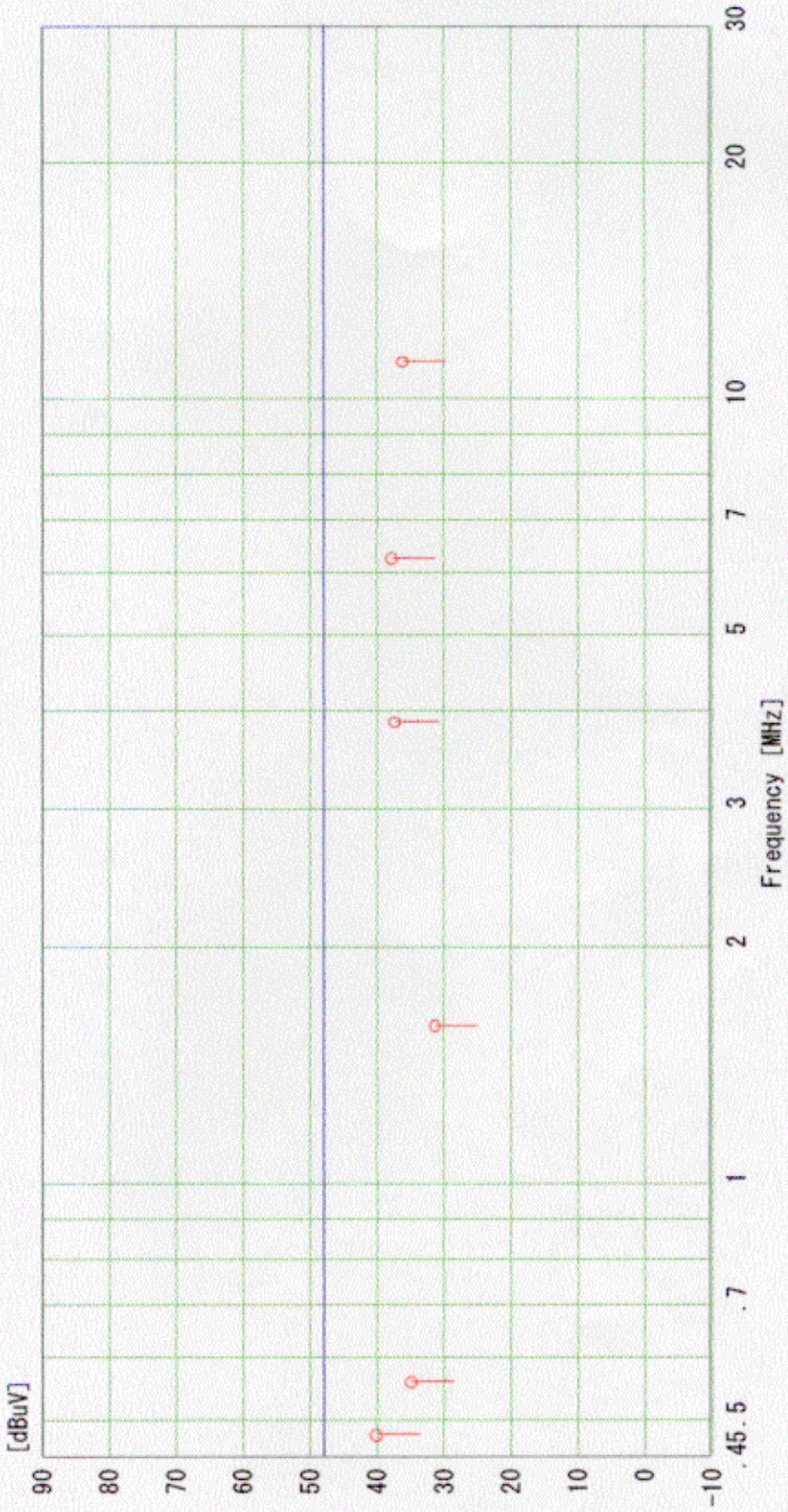
3) Margin = Limit - Emission Level.

Tested by :

Kunihiko Ooi

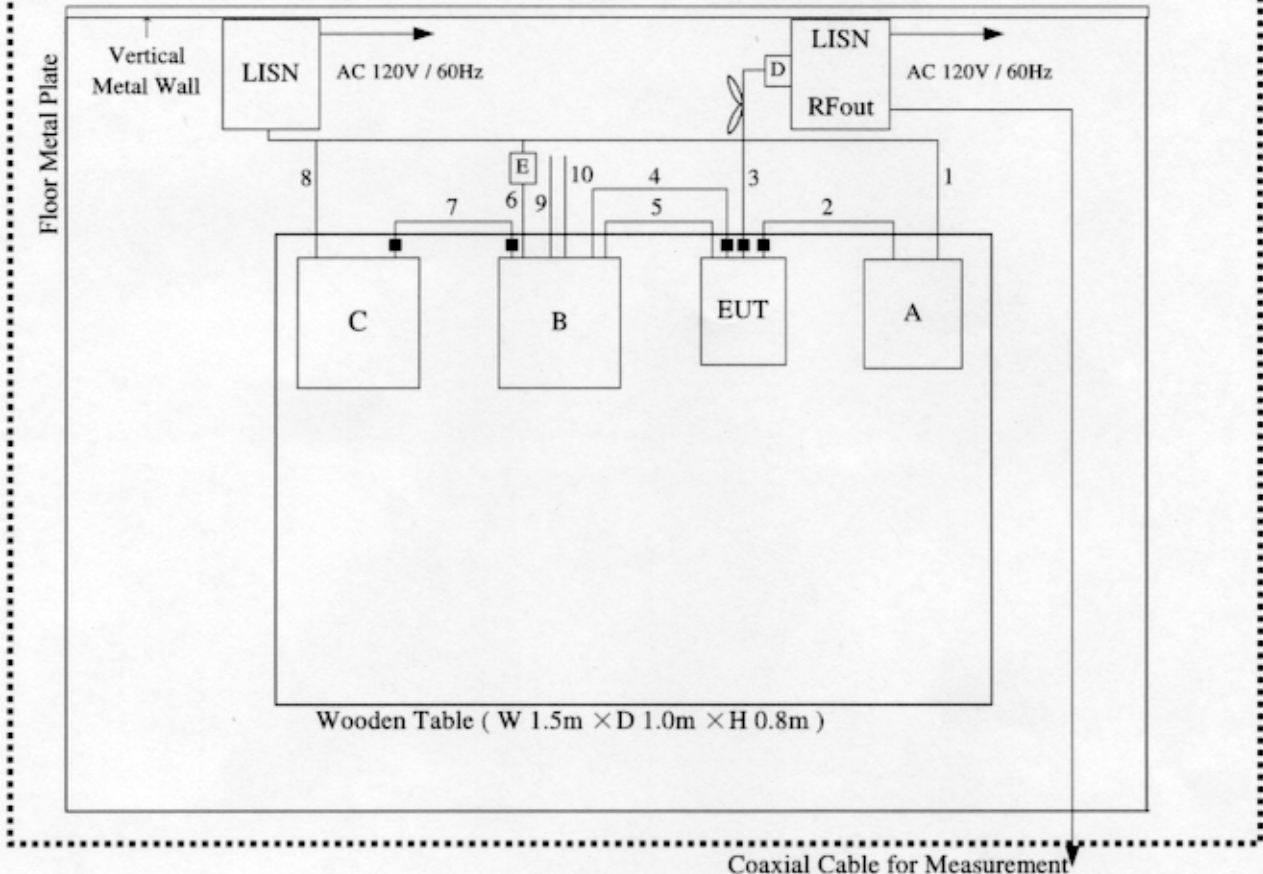
Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED
EUT : Fine Pix S2 Pro 120V/60Hz
MODE : USB Mode
Frequency : 0.45 ~ 30 MHz



EUT's Test Arrangement of Conduction

Compact Anechoic Chamber (W 3.0m × D 7.0m × H 3.0m)



Test Configuration

No.	Device	MODEL No.	FCC ID	S/N	Manufacturer
EUT	DIGITAL CAMERA	Fine Pix S2 Pro	F5GFP-S2PRO	R00196S	FUJI PHOTO FILM CO. , LTD.
A	VIDEO MONITOR	PVM-8040	DOC	2029411	SONY
B	PERSONAL COMPUTER	M8597J/C	DOC	UV2033MPMDU	APPLE COMPUTER CO. ,LTD.
C	PC MONITOR	M2978	DOC	CY52401HF3CV	LG ELECTRONICS
D	AC ADAPTER (EUT)	AC-5VH	-----	1036	FUJI PHOTO FILM CO. , LTD.
E	AC ADAPTER (PC)	M8482	DOC	-----	APPLE COMPUTER CO. ,LTD.

TDK Application No : TDC-02-0406

Connection Cables

No.	I/F & Power Cable	Model No.	Cable Length	Feraite Core	Manufacturer
1	AC CABLE(VIDEO MONITOR)	-----	1.50 m		
2	AV CABLE	-----	1.40 m	YES	SHIELD YES
3	AC ADAPTER CABLE(EUT)	-----	1.90 m	YES	SHIELD YES
4	USB CABLE	-----	1.50 m	YES	SHIELD YES
5	IEEE1394 CABLE	-----	2.00 m		SHIELD YES
6	AC ADAPTER CABLE(PC)	-----	1.80 m		SHIELD YES
7	PC MONITOR CABLE	-----	1.65 m	YES	SHIELD YES
8	AC CABLE(PC MONITOR)	-----	1.70 m		SHIELD YES
9	MODEM CABLE	-----	1.80 m		
10	LAN CABLE	-----	2.00 m		

CONDUCTION MEASUREMENT

EUT : DIGITAL CAMERA

MODEL No. Fine Pix S2 Pro

CONFIGURATION FRONT VIEW



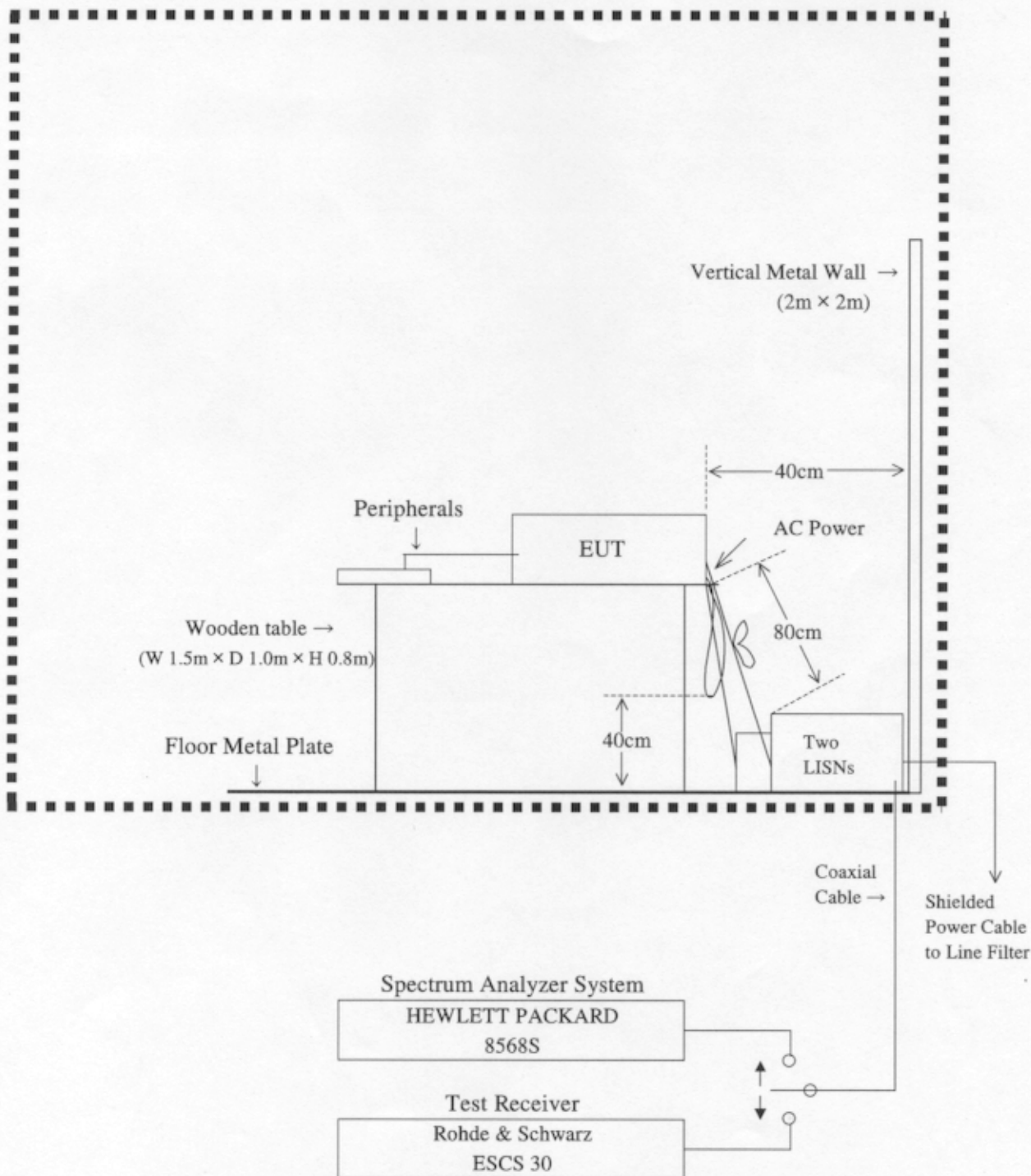
CONFIGURATION SIDE VIEW



EUT's Test Arrangement of Conduction

Fig 2

Compact Anechoic Chamber (W 3.0m × D 7.0m × H 3.0m)



TDK Application No. : TDC-02-0406

MEASURING INSTRUMENT USED

TDK APPLICATION No. : TDC-02-0406

<u>Instrument</u>	<u>Model No.</u>	<u>Manufacturer</u>	<u>ID No.</u>	<u>Last Calibration Date</u>	<u>Period</u>
☒ Spectrum Analyzer	8568B	Hewlett-Packard	2445A00924	Mar. 2002	1 year
☒ RF-Preselector	85685A	Hewlett-Packard	2648A00481	Mar. 2002	1 year
☒ Field Strength Meter	ESCS 30	Rohde & Schwarz	825788/007	Mar. 2002	1 year
☒ Field Strength Meter	ESCS 30	Rohde & Schwarz	834115/020	Mar. 2002	1 year
☐ Field Strength Meter	ESMI	Rohde & Schwarz	61360008	Oct. 2001	1 year
☒ Pre - Amplifier	8447D	Hewlett-Packard	2443A04539	Mar. 2002	1 year
☐ Pre - Amplifier	8449B	Hewlett-Packard	3008A01391	Mar. 2002	1 year
☒ Biconical Antenna	BBA9106	Schwarzbeck	D-6901 No.2	Mar. 2002	1 year
☒ Log-Periodic Antenna	UHALP9107	Schwarzbeck	424/517	Mar. 2002	1 year
☐ Dipole Antenna	VHA9103	Schwarzbeck	D-6901 No.3	Mar. 2002	1 year
☐ Dipole Antenna	UHA9105	Schwarzbeck	29-14066	Mar. 2002	1 year
☐ Horn Antenna	BBHA9120-B	Schwarzbeck	126	Apr. 2002	1 year
☒ LISN (50 μ H/50 Ω)	KNW-407	Kyoritsu Electrical Work	8-680-7	Mar. 2002	1 year
☒ LISN (50 μ H/50 Ω)	KNW-407	Kyoritsu Electrical Work	8-823-10	Mar. 2002	1 year
☐ LISN (50 μ H/50 Ω)	KNW-408	Kyoritsu Electrical Work	8-652-35	Mar. 2002	1 year
☐ LISN (50 μ H/50 Ω)	ESH2-Z5	Rohde & Schwarz	881 362/011	Mar. 2002	1 year
☒ Open Test Site	TCO-10	TDK Corporation	GD-0043-5	May. 2001	1 year
☒ Co-axial Cable	AK9513	Schwarzbeck	N-C007	Mar. 2002	1 year
☐ Co-axial Cable	8D-2V	Shinagawa Densen	N-C012	Mar. 2002	1 year
☐ Co-axial Cable	8D-2V	Shinagawa Densen	N-C013	Mar. 2002	1 year
☒ Co-axial Cable	8D-2V	Shinagawa Densen	N-C014	Mar. 2002	1 year
☒ Co-axial Cable	8D-2V	Shinagawa Densen	N-C016	Mar. 2002	1 year
☒ Co-axial Cable	5D-2W	Shinagawa Densen	N-C017	Mar. 2002	1 year
☒ RF Switch (EMI Interface)	MP59B	Anritsu	N-C025	Mar. 2002	1 year