

MEASUREMENT RESULTS OF CONDUCTED RADIO NOISE

Date : July 31 ,2001

Temp. : 22 °C ; Humi. : 62 %

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 30i

; 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.

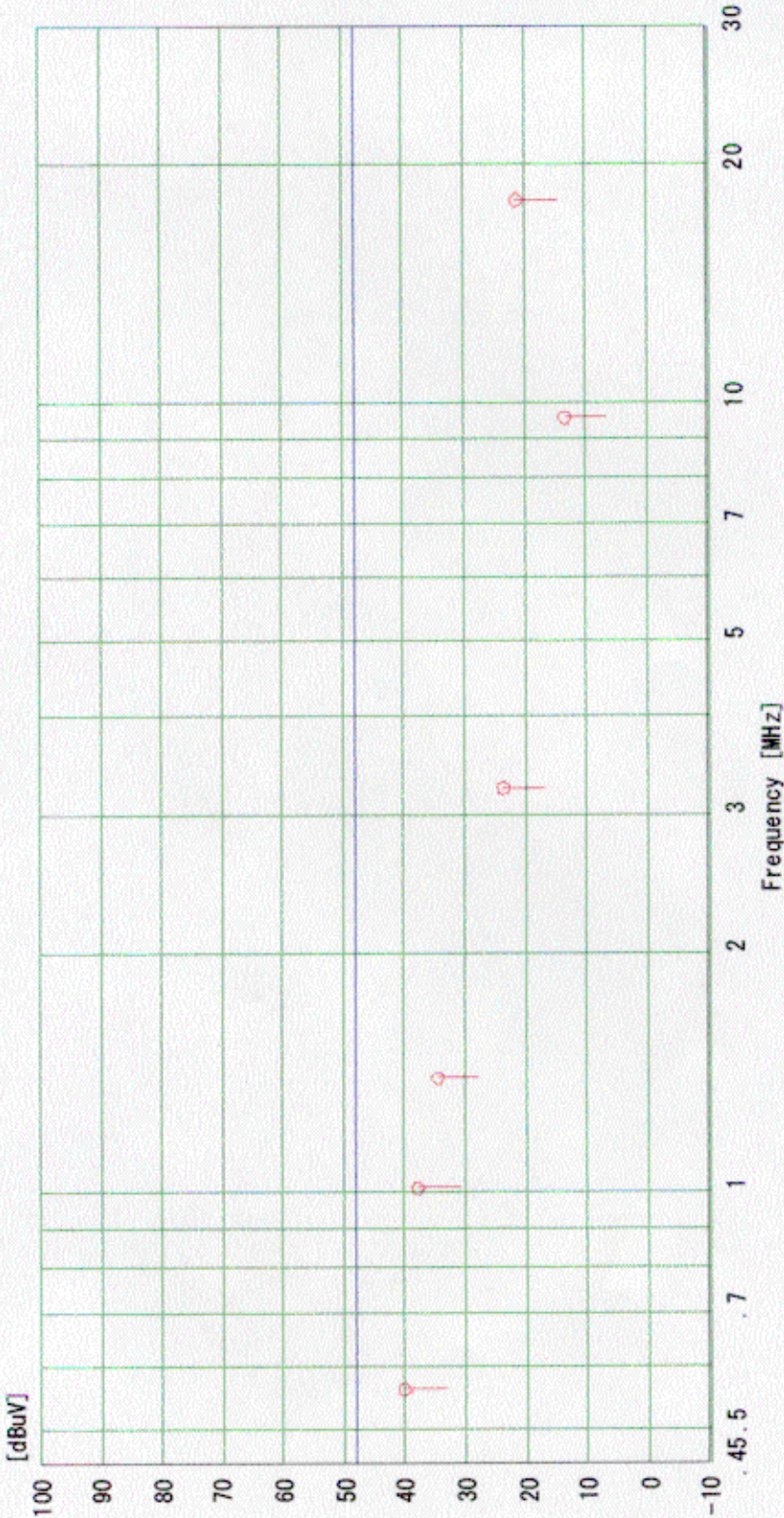
VB : Between the other end of the power cable and the grounded.

3)Margin = Limit –Emission Level.

Tested by :

Engineer of TDK Chikumagawa Open Site

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



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1) Configuration of EUT : Refer to sheet No.13, 14 and 15.

2) EUT Grounding : None.

3) Operating Condition : USB PC 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.

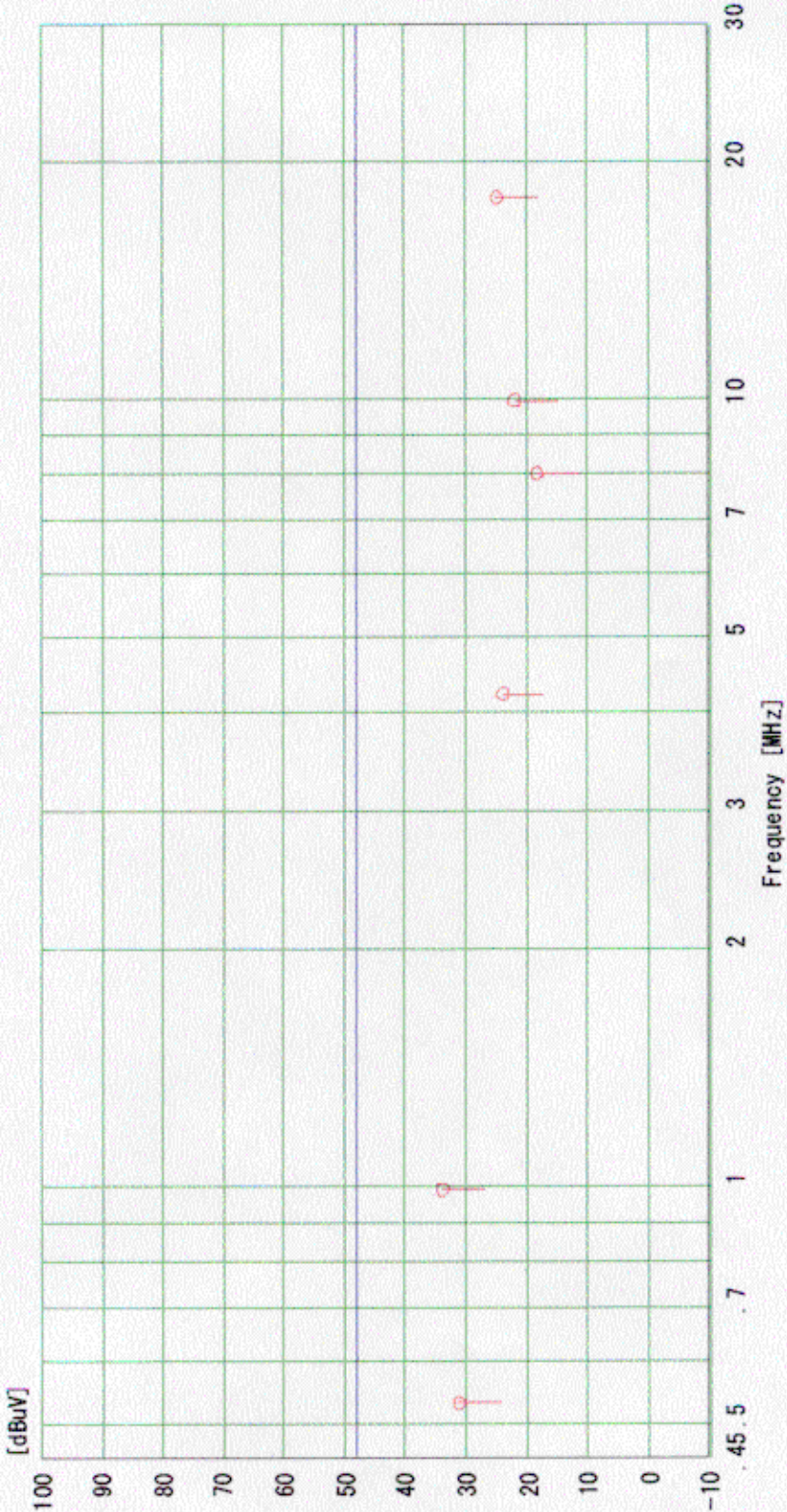
VB : Between the other end of the power cable and the grounded.

3) Margin = Limit – Emission Level.

Tested by : Amirul Ooi

Engineer of TDK Chikumagawa Open Site

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MODE : USB PC CAMERA Mode
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6dB Band width : 10kHz

External Attenuator : none

Description of Equipment **DIGITAL CAMERA**

Model No. : Fine Pix 30i

; 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.3) Operating Condition : AUDIO 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.

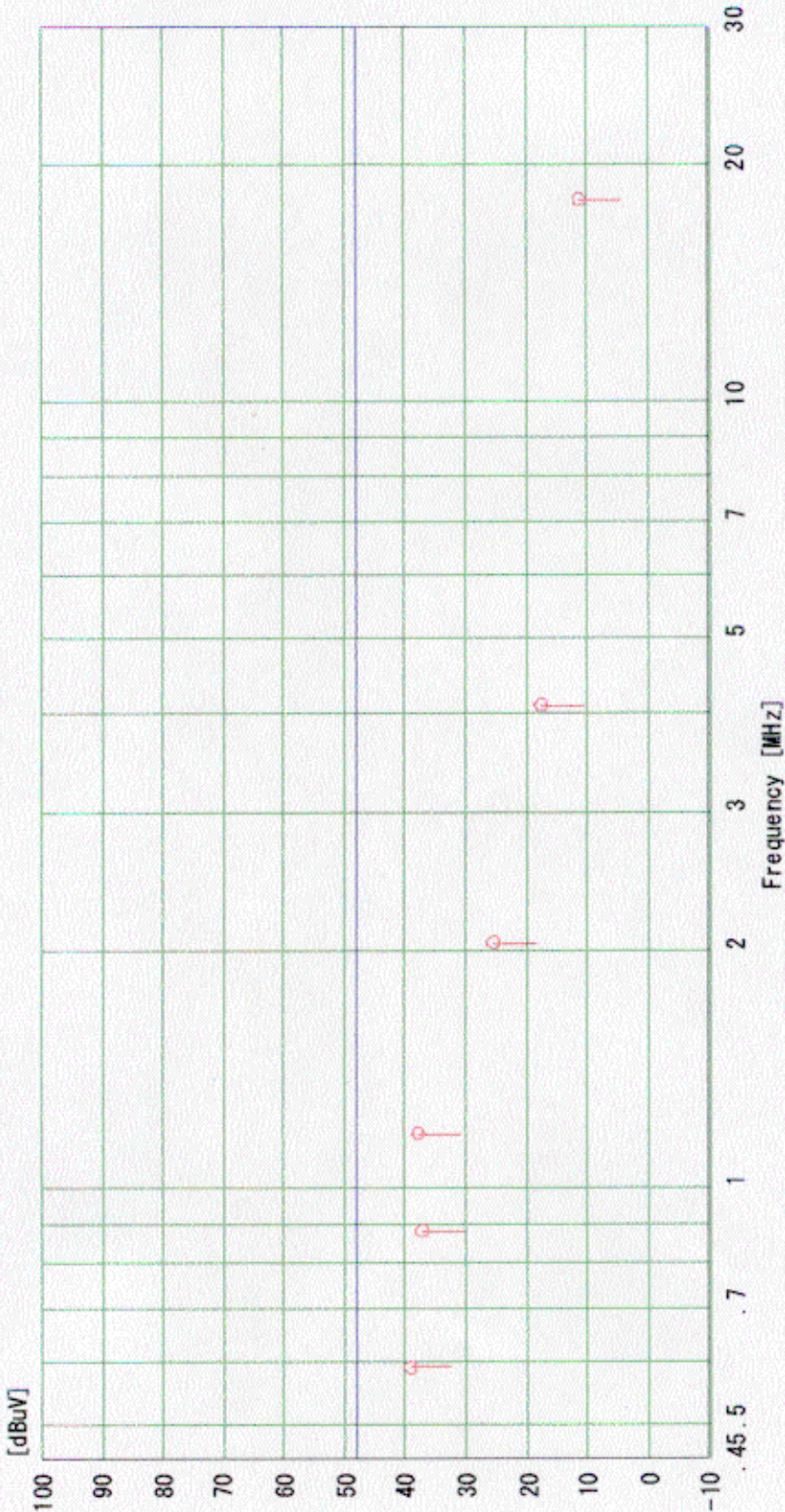
VB : Between the other end of the power cable and the grounded.

3)Margin = Limit –Emission Level.

Tested by :

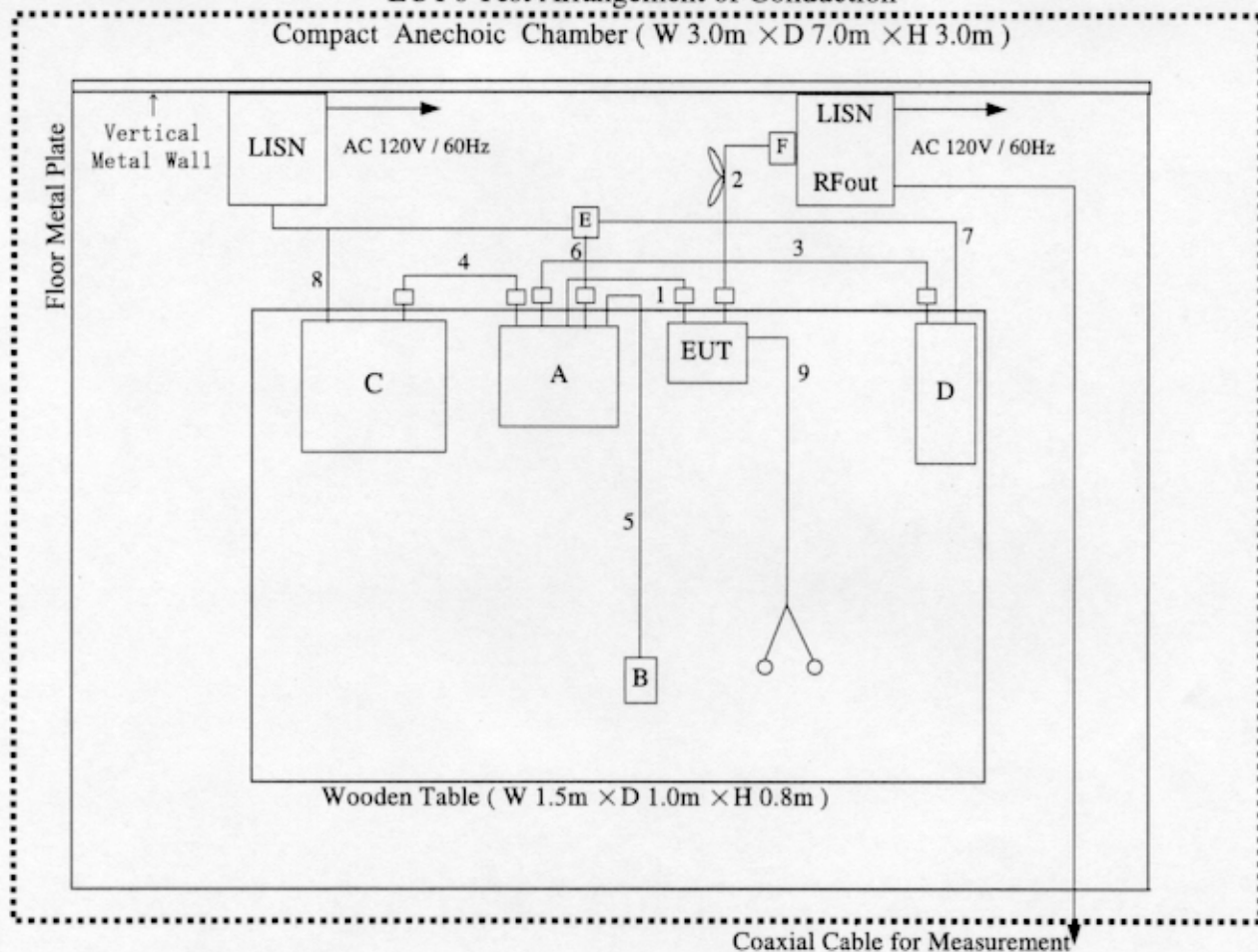
Tested by : Fumihiko Ogi
Engineer of TDK Chikumagawa Open Site

FCC 15B CLASS B CONDUCTED
EUT : Fine Pix 30i 120V/60Hz
MODE : AUDIO 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 30i	F5GFP-30I	E07011	FUJI PHOTO FILM CO. , LTD.
A	PC NOTE BOOK COMPUTER	12XL212	DOC	1V08FHNJE1N	COMPAQ COMPUTER COR.
B	MOUSE	M-BB48	DOC	LZE01271677	Logitech
C	PC MONITOR	M2978	BEJCA500	CY5430HF3CV	LG ELECTRONICS
D	SCANNER	AS1	F5GAS-1	0009	FUJI PHOTO FILM CO. , LTD.
E	AC ADAPTER	LE-9702B-01	----	177625-001	COMPAQ COMPUTER COR.
F	AC ADAPTER	AC-3V	----	0044	FUJI PHOTO FILM CO. , LTD.

TDK Application No : TDC-01-0713

Connection Cables

No.	I/F & Power Cable	Model No.	Cable Length	Feraite Core	Manufacturer
1	USB CABLE	-----	1.20 m	YES	SHIELD YES
2	AC ADAPTOR CABLE	-----	1.90 m	YES	
3	SCSI CABLE	-----	1.50 m	YES	SHIELD YES
4	PC MONITOR CABLE	-----	1.65 m	YES	SHIELD YES
5	MOUSE CABLE	-----	1.90 m		SHIELD YES
6	AC ADAPTOR CABLE(PC)	-----	1.55 m	YES	
7	AC CABLE(SCANNER)	-----	1.80 m		
8	PC MONITOR POWER CABLE	-----	1.70 m		
9	HEAD PHONE CABLE	-----	1.77 m		

CONDUCTION MEASUREMENT

EUT : DIGITAL CAMERA

MODEL No. Fine Pix 30i

CONFIGURATION FRONT VIEW



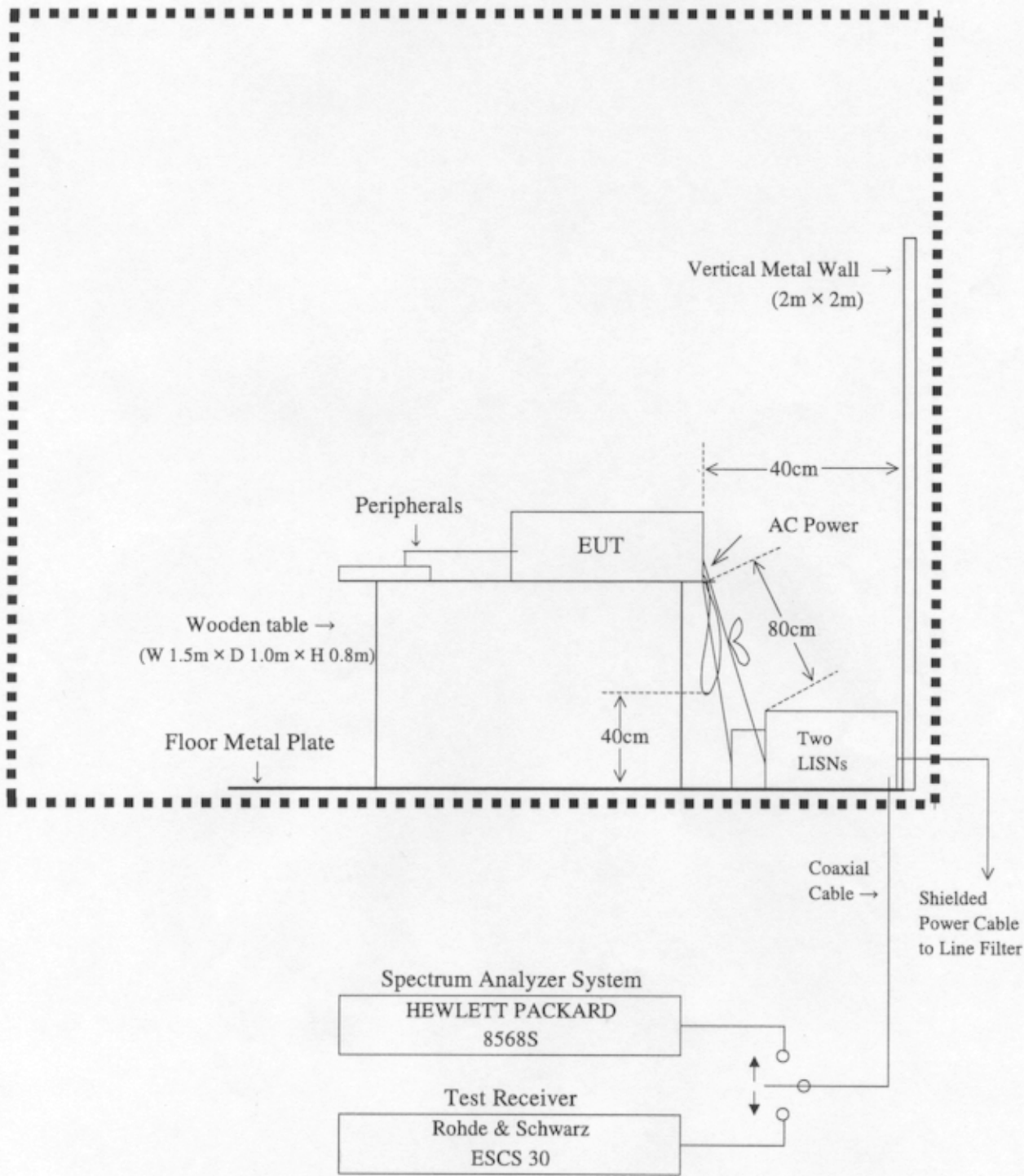
CONFIGURATION SIDE VIEW



EUT's Test Arrangement of Conduction

Fig 2

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



MEASURING INSTRUMENT USED

TDK APPLICATION No. : TDC-01-0713

☐	<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. 2001	1 year
☒	RF-Preselector	85685A	Hewlett-Packard	2648A00481	Mar. 2001	1 year
☒	Field Strength Meter	ESCS 30	Rohde & Schwarz	825788/007	Feb. 2001	1 year
☒	Field Strength Meter	ESCS 30	Rohde & Schwarz	834115/020	Feb. 2001	1 year
☐	Field Strength Meter	ESMI	Rohde & Schwarz	61360008	Oct. 2000	1 year
☒	Pre - Amplifier	8447D	Hewlett-Packard	2443A04539	Mar. 2001	1 year
☐	Pre - Amplifier	8449B	Hewlett-Packard	3008A01391	Mar. 2001	1 year
☒	Biconical Antenna	BBA9106	Schwarzbeck	D-6901 No.2	Apr. 2001	1 year
☒	Log-Periodic Antenna	UHALP9107	Schwarzbeck	424/517	Apr. 2001	1 year
☐	Dipole Antenna	VHA9103	Schwarzbeck	D-6901 No.3	Apr. 2001	1 year
☐	Dipole Antenna	UHA9105	Schwarzbeck	29-14066	Apr. 2001	1 year
☒	LISN (50 μ H/50 Ω)	KNW-407	Kyoritsu Electrical Work	8-680-7	Mar. 2001	1 year
☒	LISN (50 μ H/50 Ω)	KNW-407	Kyoritsu Electrical Work	8-823-10	Mar. 2001	1 year
☐	LISN (50 μ H/50 Ω)	KNW-408	Kyoritsu Electrical Work	8-652-35	Mar. 2001	1 year
☐	LISN (50 μ H/50 Ω)	ESH2-Z5	Rohde & Schwarz	881 362/011	Mar. 2001	1 year
☒	Open Test Site	TCO-10	TDK Corporation	GD-0043-5	May. 2001	1 year
☒	Co-axial Cable	AK9513	Schwarzbeck	N-C007	Apr. 2001	1 year
☐	Co-axial Cable	8D-2V	Shinagawa Densen	N-C012	Apr. 2001	1 year
☐	Co-axial Cable	8D-2V	Shinagawa Densen	N-C013	Apr. 2001	1 year
☒	Co-axial Cable	8D-2V	Shinagawa Densen	N-C014	Apr. 2001	1 year
☒	Co-axial Cable	8D-2V	Shinagawa Densen	N-C016	Apr. 2001	1 year
☒	Co-axial Cable	5D-2W	Shinagawa Densen	N-C017	Apr. 2001	1 year
☒	RF Switch (EMI Interface)	MP59B	Anritsu	N-C025	Apr. 2001	1 year