

EMI TEST REPORT

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Canon G3 Anechoic Room

Canon Inc.

3-30-2 Shimomaruko, Ohta-ku, Tokyo 146, Japan

1. 申請者と被試験機に関する事項 Applicant/EUT Identification

テストレポート番号 Test report #	G398006		
申請者 Applicant	Canon Inc.	住所 Address	3-30-2 Shimomaruko, Ohta-ku, Tokyo146, Japan
レポートのタイプ Category of report	☐ Verification		☒ Certification FCC ID: AZDH12130
被試験機の種類 Category of EUT	☐ Class A digital device ☐ Class B digital device		☒ Class B digital device ☐ Personal computer ☒ Computer peripheral
モデル番号 Model Number	H 1 2 1 3 0		
名称 Trade Name	Canon	Usage: ☒ Facsimile (PSTN ☒ 1 port ☐ 2 ports) ☒ Copier ☒ Scanner ☒ Printer ☐ with LAN ports ☒ with Computer port	
製造者 Manufacturer	Canon Inc.	住所 Address	3-30-2 Shimomaruko, Ohta-ku, Tokyo146, Japan
工場 Factory	Canon Ami Factory	住所 Address	3577 Yoshiwara, Ami-machi, Inashiki-gun, Ibaraki-ken, Japan

2. 適用規格 Applicable Regulations

測定規格 Measured per	限度値 Limit	FCC 15B Class ☐ A ☒ B CISPR Pub 22 Class ☐ A ☐ B	
	測定方法 Method	ANSI C63.4-1992 (Methods of Measurement of Radio Noise Emission from Low-Voltage Electrical and Electronic Equipment in the Range of 9kHz to 40GHz)	
測定日 Measured on	1998年(Y) 3月(M) 17, 18, 19日(D)		
使用クロック周波数 Clock freq used	(CPU) 16MHz (PRINTER CPU) 20MHz (PRINTER GATE ARRAY 22.11MHz) (MODEM) 38MHz	測定周波数上限 Applicable freq up to	☒ 1GHz (for used clock 1.705-108MHz) ☐ 2GHz (for used clock 108-500MHz) ☐ See Remarks.
使用電源 Powered by	☒ 120VAC 60Hz ☐ Battery ☐ PSTN		

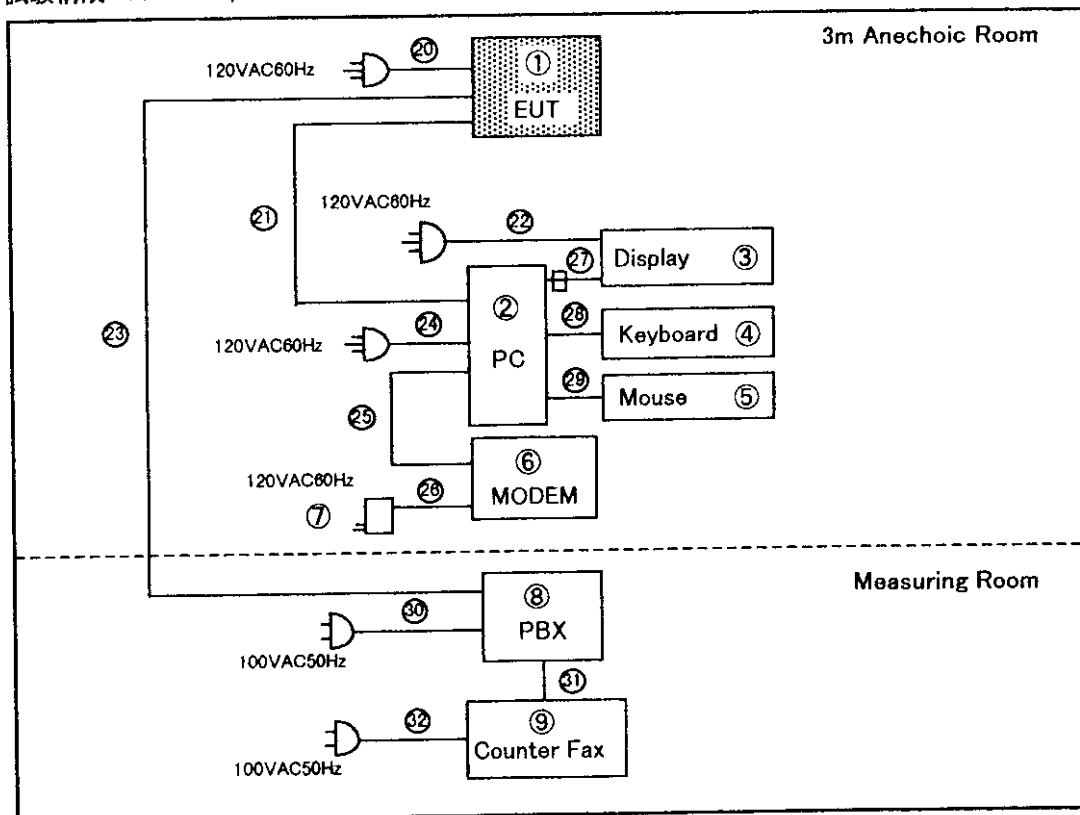
3. 測定結果 Test Result

判定 Judgement	☒ Passed ☐ Failed ☐ For information only				
測定項目 Items to be measured	モード Mode of operation	最小マージン Minimum margin	周波数 Frequency	備考 Remarks	
放射ノイズ Radiated noise	垂直偏 Vertical	Standby	3.17 dB	48.44 MHz	
	水平偏 Horizontal	B&W Copy	2.6 dB	141.93 MHz	
電源端子ノイズ Conducted noise	準尖頭 Quasi-peak	Rx Print	6.2 dB	0.4500 MHz	2モードで同レベル Same in 2 modes
	平均値 Average	-	- dB	- MHz	
使用テストチャート Test chart used ☐ 画電No.4 ☒ その他(販社チャートNo.1) EUTの動作モード Mode of operation: Standby, B&W Copy, Tx, Rx, Print 特記事項 Remarks					

4. 測定レポートの発行 Issue of Test Report

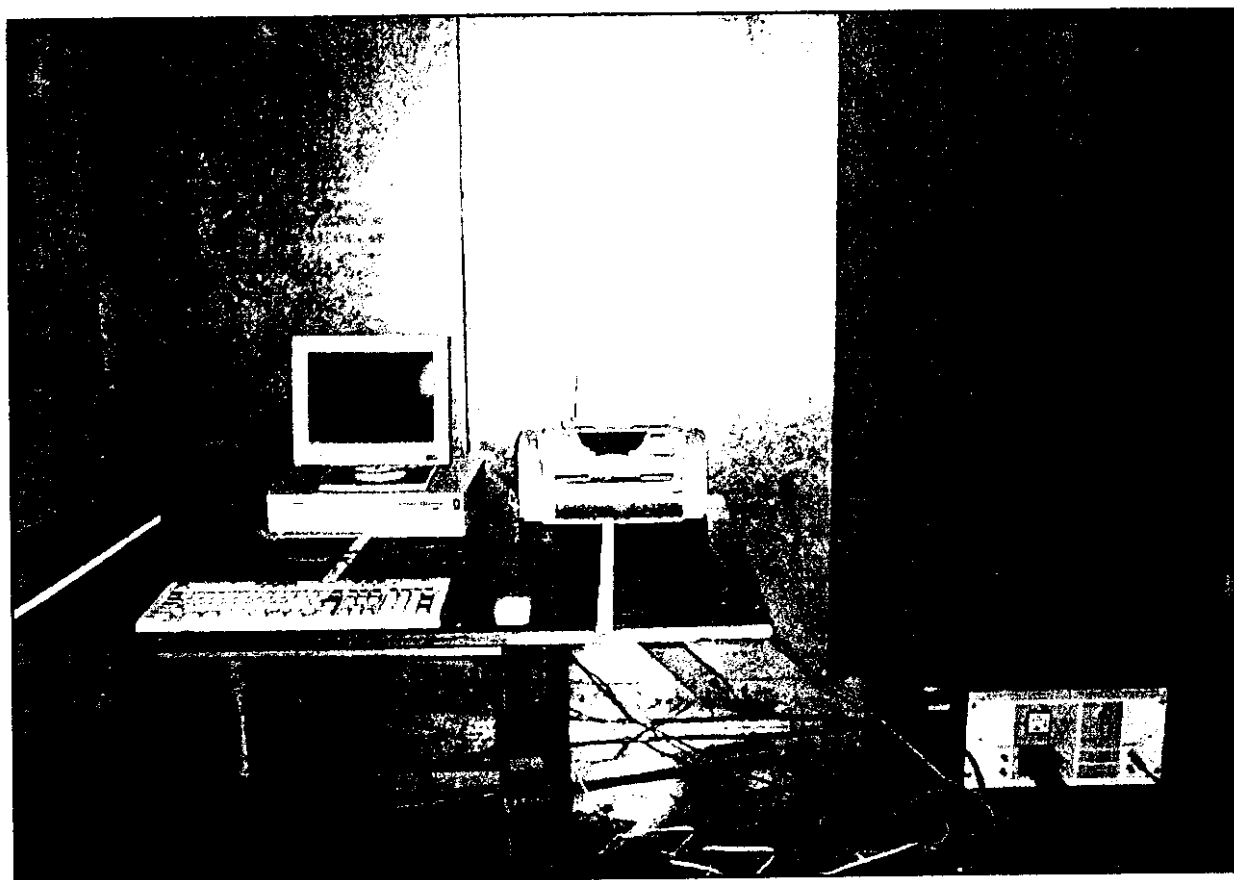
レポートの発行 Report issued by	Canon Inc.	発行日 Issued	1998年(Y) 3月(M)24日(D)
住所 Address	3-30-2 Shimomaruko, Ohta-ku, Tokyo146, Japan		
測定場所 Site	Canon G3 Anechoic Room, 3-30-2 Shimomaruko, Ohta-ku, Tokyo 146, Japan FCC filing valid until March 1999. FCC Ref #: 31040/SIT, 1300F2		
測定者 Measured by	 Kazuhiro Yagi, Engineer, DCT		
承認 Approved by	 Etsuo Wakasugi, Director Engineer, DCT	 Shingo Uehara, Mgr, OIP Tech Assr 13, Canon Inc.	

5. 試験構成 Test Setup

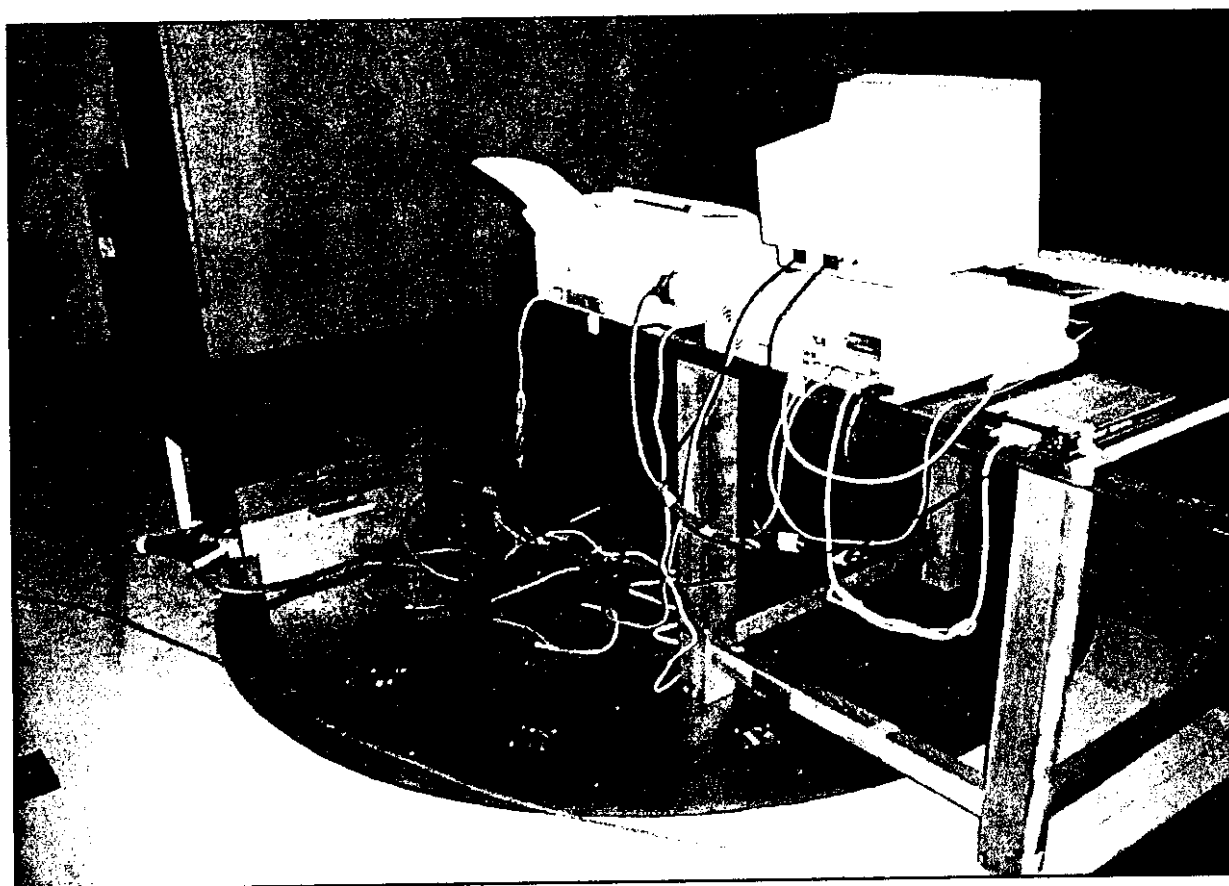


	機器名 Name of Equipment	型番 Type	シリアル番号 Serial#	FCC ID	メーカー Manufacturer
①	EUT	H12130	DE-408	AZDH12130	Canon Inc
②	DESKPRO XE 560	3071	6352HFC20623	CNT75MBFF	COMPAQ
③	Display	411c	11125222A447	BEJMY411	COMPAQ
④	Keyboard	Enhanced III	140536-119	CIGE035074	COMPAQ
⑤	Mouse	MUS2J	1D764AA00908	EMJMUSJA	COMPAQ
⑥	Smart TEAM Data Modem	103/212A	A036904	EF56A5103/212A	Team Technology Inc.
⑦	Ac Adapter	DV-1215A			Team Technology Inc.
⑧	Auto Telephone Exchange		830140		
⑨	FACSIMILE (Counter Fax)	H12129	DE-307		Canon Inc

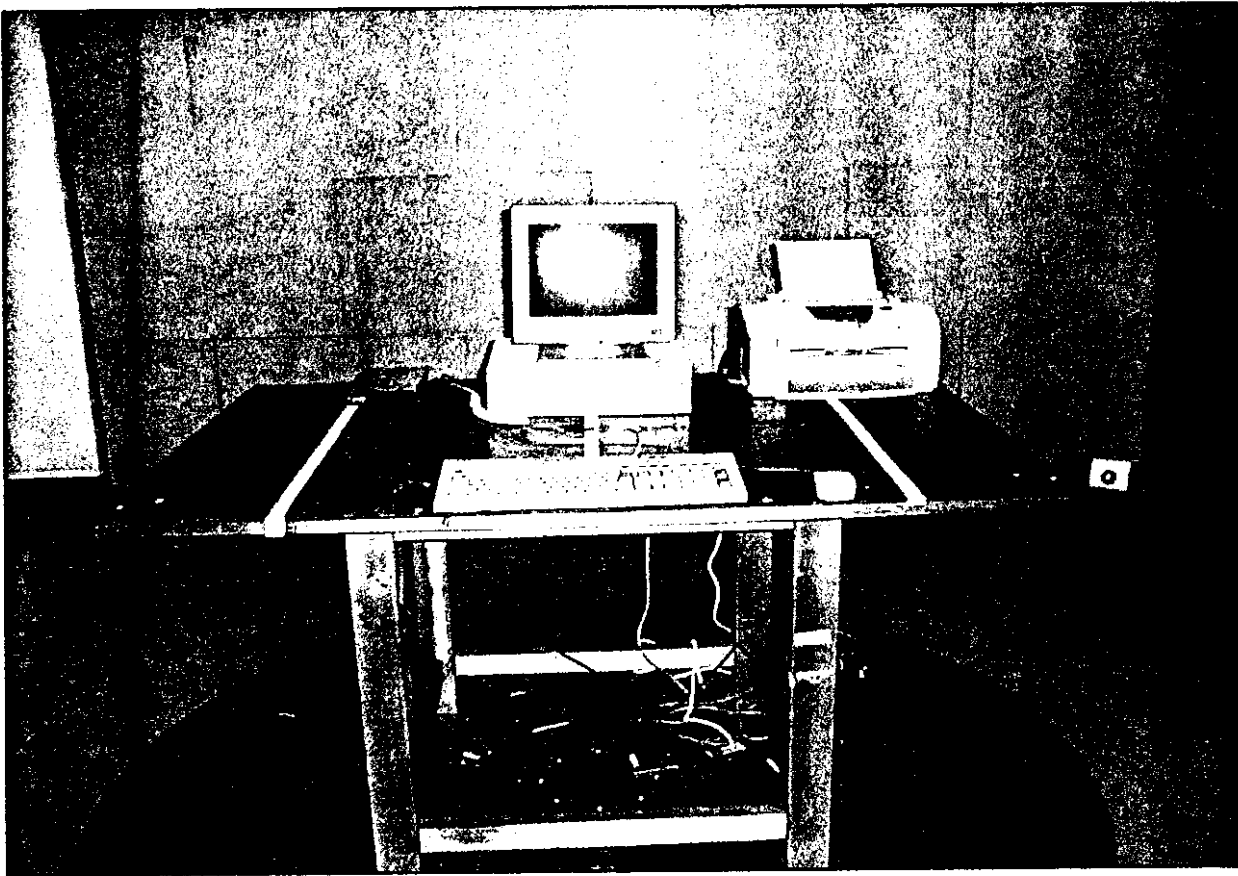
	ケーブル Cable	型番 Type	メーカー Mfr	長さ Length	シールドの有無 Shield	コアの有無(個数) Core
②⑩	Power	WT3-5021	Canon Inc.	2 m	None	None
②⑪	Centronix	LEPC80		1.5 m	Shield	None
②⑫	Power (integral part of Display)			1.8 m	None	None
②⑬	Telephone	HH2-2501	Canon Inc.	2.9 m	None	None
②⑭	Power			1.9 m	None	None
②⑮	RS			1.5 m	None	None
②⑯	AC			1 m	None	None
②⑰	Video			1.8 m	Shield	1
②⑱	Control (integral part of keyboard)			1.4 m	None	None
②⑲	Control (integral part of mouse)			1.8 m	None	None
③⑩	Power (integral part of PBX)			1.8 m	None	None
③⑪	Telephone			4 m	None	None



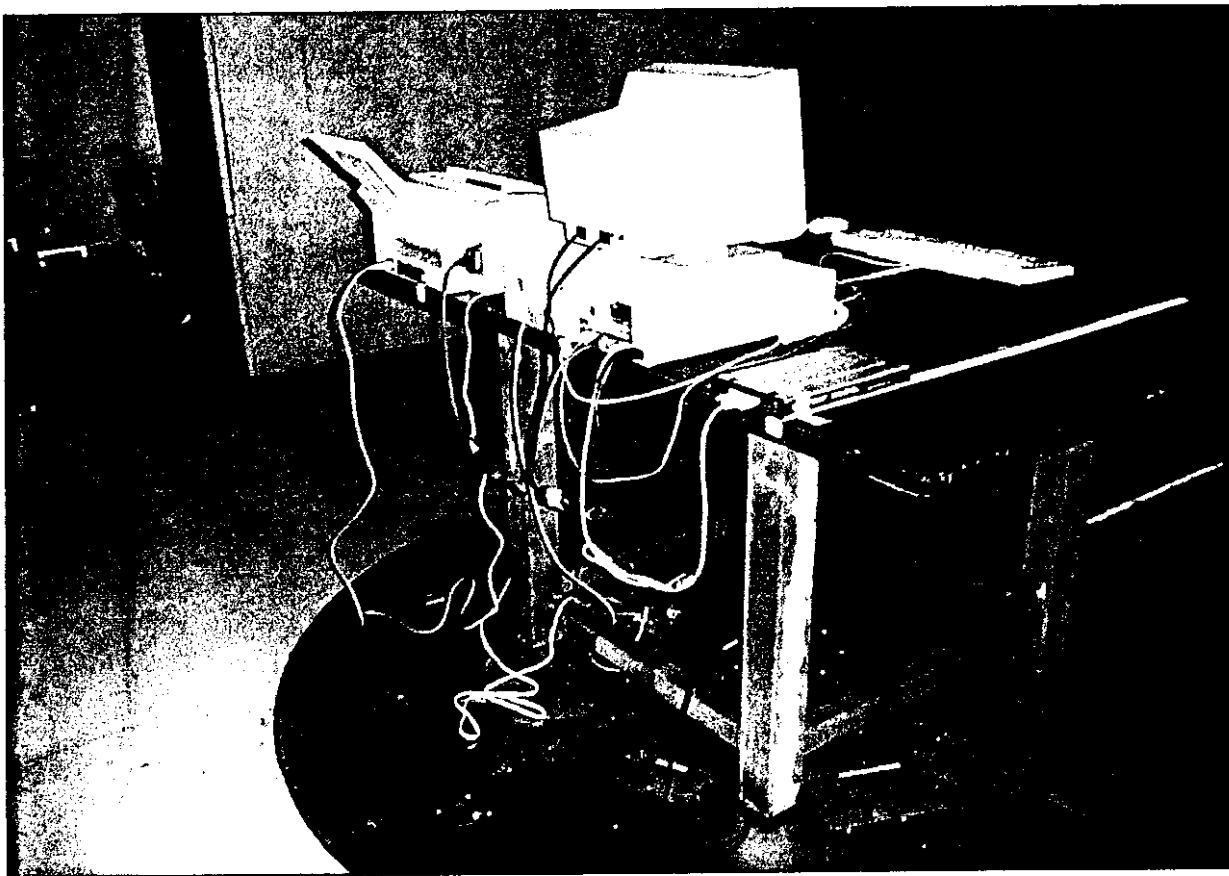
正面(電源端子ノイズ測定時)Front View (Conduction)



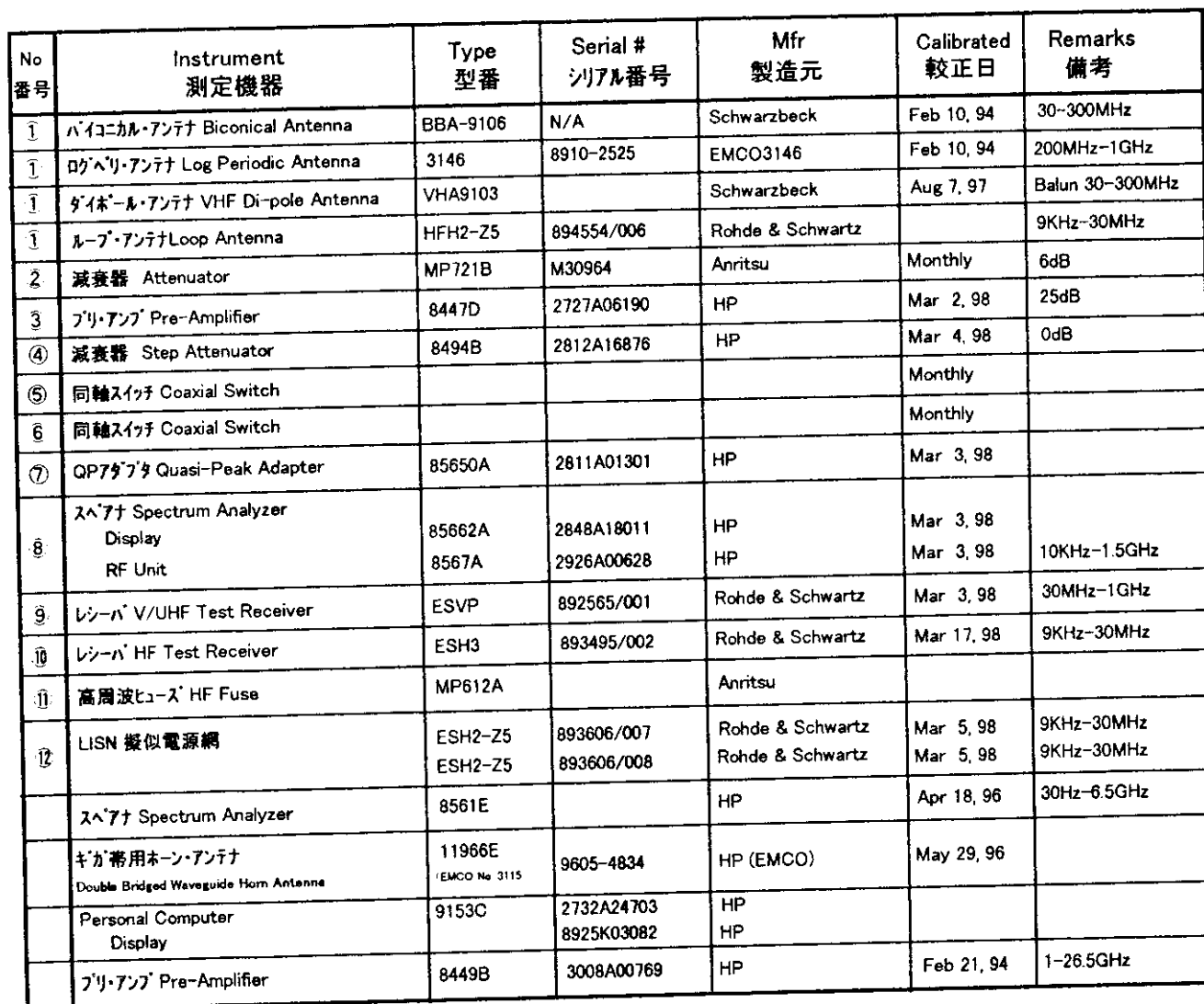
背面(電源端子ノイズ測定時)Rear View (Conduction)



正面(放射/イ¹³⁷測定時)Front View (Radiation)



背面(放射/イ¹³⁷測定時)Rear View (Radiation)



8. 測定時のアンテナ・ファクタ、ケーブル・ロス、アンプ・ゲイン

Antenna factors, Cable losses & Amp gains during Test

CANON INC. CANON Sm S.A.C.
CANON Sm S.A.C.

FREQ	ANTENNA FACTOR			CABLE LOSS	AMP GAIN	FREQ	ANTENNA FACTOR			CABLE LOSS	AMP GAIN
	DIP.	BROAD BAND					DIP.	BROAD BAND			
	[dB]	Hor	Ver				[dB]	Hor	Ver		
[MHz]	[dB]	[dB]	[dB]	[dB]	[dB]	[MHz]	[dB]	[dB]	[dB]	[dB]	[dB]
30.00	-1.90	16.79	16.79	1.04	26.66	300.00	16.00	15.40	15.40	3.78	25.83
35.00	-1.50	15.25	15.25	1.15	26.66	325.00	18.75	14.60	14.60	3.97	26.00
40.00	.65	14.27	14.27	1.24	26.65	350.00	19.50	14.80	14.80	4.15	26.19
45.00	1.65	12.67	12.67	1.34	26.63	375.00	20.10	15.50	15.50	4.31	26.46
50.00	2.60	11.06	11.06	1.41	26.61	400.00	20.70	16.80	16.80	4.52	26.70
55.00	3.50	9.72	9.72	1.48	26.59	425.00	21.25	17.10	17.10	4.69	26.63
60.00	4.25	8.00	8.00	1.51	26.57	450.00	21.80	17.50	17.50	4.81	27.10
65.00	4.95	7.28	7.28	1.59	26.56	475.00	22.40	18.20	18.20	4.97	27.17
70.00	5.60	6.45	6.45	1.67	26.55	500.00	23.00	18.80	18.80	5.12	27.33
75.00	6.20	6.38	6.38	1.75	26.54	525.00	23.50	19.00	19.00	5.32	27.41
80.00	6.75	6.83	6.83	1.82	26.53	550.00	24.00	19.30	19.30	5.44	27.52
85.00	7.30	7.44	7.44	1.86	26.51	575.00	24.40	19.50	19.50	5.57	27.48
90.00	7.80	8.28	8.28	1.93	26.49	600.00	24.80	19.70	19.70	5.69	27.54
95.00	8.25	9.06	9.06	1.99	26.47	625.00	25.15	20.10	20.10	5.84	27.43
100.00	8.70	9.85	9.85	2.04	26.43	650.00	25.50	20.40	20.40	5.98	27.50
105.00	9.15	10.26	10.26	2.10	26.39	675.00	25.90	21.60	21.60	6.15	27.47
110.00	9.55	11.14	11.14	2.16	26.37	700.00	26.30	21.80	21.80	6.23	27.51
115.00	9.90	11.78	11.78	2.24	26.35	725.00	26.65	21.70	21.70	6.40	27.47
120.00	10.30	12.59	12.59	2.27	26.34	750.00	27.00	21.60	21.60	6.53	27.57
125.00	10.70	12.56	12.56	2.33	26.33	775.00	27.35	21.70	21.70	6.61	27.57
130.00	11.00	13.23	13.23	2.38	26.33	800.00	27.70	21.70	21.70	6.76	27.25
135.00	11.35	13.77	13.77	2.43	26.31	825.00	28.02	22.60	22.60	6.90	27.17
140.00	11.70	14.10	14.10	2.47	26.31	850.00	28.35	22.90	22.90	7.04	27.57
145.00	12.00	14.38	14.38	2.52	26.28	875.00	28.68	23.70	23.70	7.12	27.06
150.00	12.25	14.58	14.58	2.57	26.24	900.00	29.00	23.50	23.50	7.33	26.77
155.00	12.60	14.80	14.80	2.63	26.20	925.00	29.30	23.70	23.70	7.36	26.67
160.00	12.85	15.18	15.18	2.67	26.16	950.00	29.65	24.00	24.00	7.44	26.37
165.00	13.10	15.46	15.46	2.72	26.13	975.00	29.97	24.60	24.60	7.59	26.37
170.00	13.35	15.66	15.66	2.78	26.11	1000.00	30.30	24.50	24.50	7.61	26.77
175.00	13.60	15.78	15.78	2.82	26.09	1000.01	0.00	24.30	24.30	7.61	26.77
180.00	13.85	15.72	15.72	2.82	26.08	1500.00	0.00	25.60	25.60	0.00	0.00
185.00	14.05	15.83	15.83	2.89	26.06	2000.00	0.00	28.40	28.40	0.00	0.00
190.00	14.30	16.19	16.19	2.92	26.03						
195.00	14.50	16.29	16.29	2.97	26.01						
200.00	14.75	16.36	16.36	2.99	25.98						
225.00	15.00	16.90	16.90	3.23	25.82						
250.00	16.70	17.06	17.06	3.41	25.74						
275.00	17.55	18.24	18.24	3.65	25.70						
300.00	18.30	20.08	20.08	3.78	25.83						

CANON 3m S.A.C.

03.12.1998

3m

SPE-ANA : HP8567A
RECEIVER: R/S ESVP
PREAMP : HP8447D

Engineer,

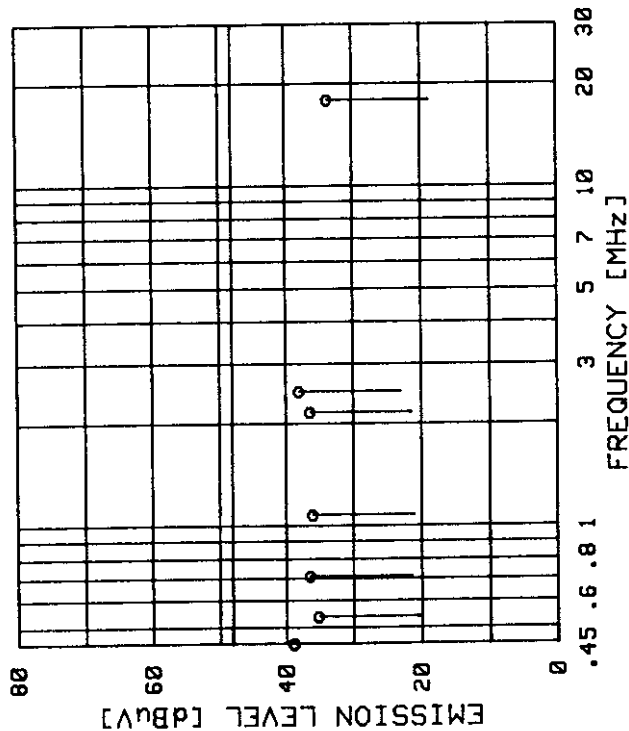
NOTES

FREQ. [MHz]	INPUT [dBuV]	READING [dBuV]			ATT [dB]	LOSS [dB]	AMP [dB]	CORR [dB]	CORR'D [dBuV]			DIFF. [dB]		
		S.A	QP	AV					S.A	QP	AV	S.A	QP	AV
30.0	40	60.56	59.30	59.60	6.00	1.04	26.66	19.62	40.94	39.68	39.98	.94	-.32	-.02
	30	50.71	49.20	49.40					31.09	29.58	29.78	1.09	-.42	-.22
100.0	40	58.97	58.10	58.30	6.00	2.04	26.43	18.39	40.58	39.71	39.91	.58	-.29	-.09
	30	49.23	48.20	48.30					30.84	29.81	29.91	.84	-.19	-.09
300.0	40	56.31	55.60	55.90	6.00	3.78	25.83	16.05	40.26	39.55	39.85	.26	-.45	-.15
	30	46.68	45.80	45.90					30.63	29.75	29.85	.63	-.25	-.15
600.0	40	56.75	55.40	55.50	6.00	5.69	27.54	15.85	40.90	39.55	39.65	.90	-.45	-.35
	30	47.05	45.50	45.50					31.20	29.65	29.65	1.20	-.35	-.35
990.0	40	54.40	53.30	53.00	6.00	7.60	26.77	13.17	41.23	40.13	39.83	1.23	.13	-.17
	30	44.67	43.50	43.00					31.50	30.33	29.83	1.50	.33	-.17

CANON INC. CANON 3m S.A.C. INTERFERENCE VOLTAGE TEST

APPLICANT : CANON INC.
 MODEL NUMBER : H12130
 SERIAL NUMBER : DE-408
 POWER SOURCE : AC 120V/60Hz
 DESCRIPTION : STANDBY MODE
 DATE TESTED : 03.19.1998
 FILE NUMBER : G398006
 REGULATION : FCC Part15B CLASS B
 according to : ANSI C63.4-1992
 LISN : ESH2-Z5
 No. of PHASE : SINGLE PHASE

ENGINEER : *Kazuhiro Yagi*
 : KAZUHIRO.YAGI



No	FREQ [MHz]	NEUTRAL QP [dBuV]	LINE 1 QP [dBuV]	LINE 2 QP [dBuV]	LINE 3 QP [dBuV]	LISN AVE [dB]	EMI LEVEL [dBuV]	FCC LIMIT [dBuV]	MARGIN [dB]
1	.4500	38.8	35.4	-	-	-	38.8	48.0	9.2
2	.5400	35.2	32.1	-	-	-	35.2	48.0	12.8
3	.7140	36.4	27.9	-	-	-	36.4	48.0	11.6
4	1.0000	36.0	32.9	-	-	-	36.0	48.0	12.0
5	2.1600	34.8	36.4	-	-	-	36.4	48.0	11.6
6	2.5000	38.0	37.0	-	-	-	38.0	48.0	10.0
7	10.0100	32.5	33.6	-	-	-	33.6	48.0	14.4

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

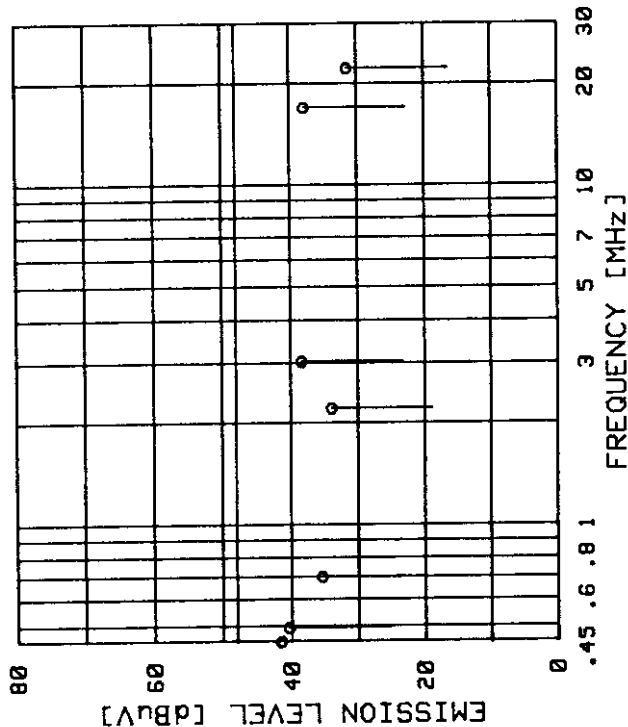
STANDBY MODE

[illegible]

CANON INC. CANON 3m S.A.C. INTERFERENCE VOLTAGE TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : B&W COPY MODE
DATE TESTED : 03.19.1998
FILE NUMBER : G398006
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
LISN : ESH2-Z5
No. of PHASE : SINGLE PHASE

ENGINEER : *Kazuhiko Yagi*
KAZUHIRO, YAGI



No	FREQ [MHz]	NEUTRAL OP	AVE [dBuV]	LINE 1 OP	AVE [dBuV]	LINE 2 OP	AVE [dBuV]	LINE 3 OP	AVE [dBuV]	EMI LEVEL	FCC LIMIT	MARGIN [dB]
1	.4500	41.4	-	40.9	-	-	-	-	-	41.4	48.0	6.6
2	.4950	40.3	-	39.0	-	-	-	-	-	40.3	48.0	7.7
3	.7000	35.4	-	31.8	-	-	-	-	-	35.4	48.0	12.6
4	2.2000	33.9	-	31.4	-	-	-	-	-	33.9	48.0	14.1
5	3.0300	37.6	-	38.3	-	-	-	-	-	38.3	48.0	9.7
6	16.9600	37.4	-	37.8	-	-	-	-	-	37.8	48.0	10.2
7	22.1320	31.3	-	31.4	-	-	-	-	-	31.4	48.0	16.6

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

NOTES: AC 120 V / 60 Hz

B&W COPY MODE

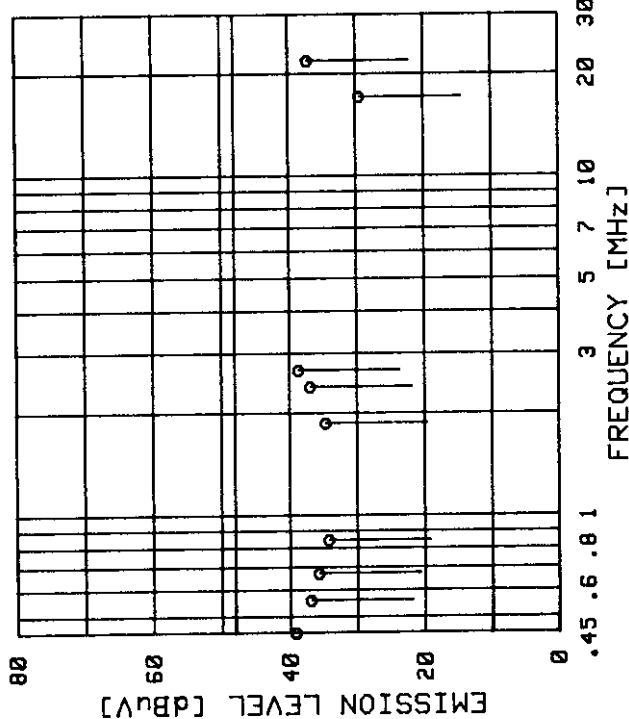
[b6] [b7C]

[illegible]

CANON INC. CANON 3m S.A.C. INTERFERENCE VOLTAGE TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : TX MODE
DATE TESTED : 03.19.1998
FILE NUMBER : G398006
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
LISN : ESH2-Z5
No. of PHASE : SINGLE PHASE

ENGINEER : *Kazuhiko Yagi*
KAZUHIRO YAGI



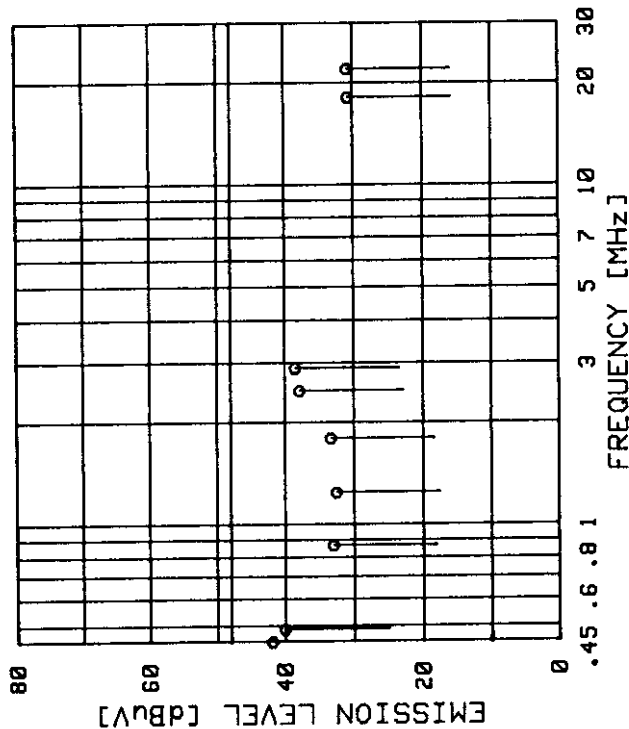
No	FREQ	NEUTRAL	LINE 1	LINE 2	LINE 3	LISN	EMI	FCC	MARGIN
	[MHz]	QP	AVE	QP	AVE	QP	AVE	LEVEL	LIMIT
		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	[dBuV]	[dB]
1	.4500	39.1	-	38.4	-	-	-	39.1	48.0
2	.5620	36.9	-	33.9	-	-	-	36.9	48.0
3	.6750	35.7	-	30.3	-	-	-	35.7	48.0
4	.8480	34.2	-	27.5	-	-	-	34.2	48.0
5	1.8760	34.6	-	31.9	-	-	-	34.6	48.0
6	2.4000	36.9	-	36.5	-	-	-	36.9	48.0
7	2.6870	37.9	-	38.6	-	-	-	38.6	48.0
8	17.1610	29.4	-	29.4	-	-	-	29.4	48.0
9	21.9810	36.8	-	37.1	-	-	-	37.1	48.0

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

CANON INC. CANON 3m S.A.C. INTERFERENCE VOLTAGE TEST

APPLICANT : CANON INC.
 MODEL NUMBER : H12130
 SERIAL NUMBER : DE-408
 POWER SOURCE : AC 120V/60Hz
 DESCRIPTION : RX MODE
 DATE TESTED : 03.19.1998
 FILE NUMBER : G398006
 REGULATION : FCC Part15B CLASS B
 according to : ANSI C63.4-1992
 LISN : ESH2-Z5
 No. of PHASE : SINGLE PHASE

ENGINEER : Kazuhiro Yagi
 KAZUHIRO.YAGI



No	FREQ	NEUTRAL	LINE 1	LINE 2	LINE 3	LISN	EMI	FCC	MARGIN
	[MHz]	OP	AVE	OP	AVE	OP	AVE	LEVEL	LIMIT
		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	[dBuV]	[dB]
1	.4500	41.8	-	40.6	-	-	-	41.8	48.0
2	.4900	40.0	-	39.3	-	-	-	40.0	48.0
3	.8600	33.0	-	27.1	-	-	-	33.0	48.0
4	1.2450	32.5	-	25.6	-	-	-	32.5	48.0
5	1.8000	33.3	-	28.5	-	-	-	33.3	48.0
6	2.4900	37.7	-	37.8	-	-	-	37.8	48.0
7	2.9000	37.8	-	38.4	-	-	-	38.4	48.0
8	18.1350	30.7	-	30.7	-	-	-	30.7	48.0
9	22.0300	30.6	-	30.8	-	-	-	30.8	48.0

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

EUT NAME FACSIMILE

MODEL No. H12130 SITE CANON 3m S.A.C.

MODEL No. _____ ENGINEER Harshad K. K.

MODEL No. _____ REGULATION FCC Part 15B CLASS B

MODEL No. _____ LISN R/S ESH2-Z5 _____

RECEIVER R/S ESH23 RECEIVER S/N 893495/002

NOTES: AC 120 V / 60 Hz

RX MODE

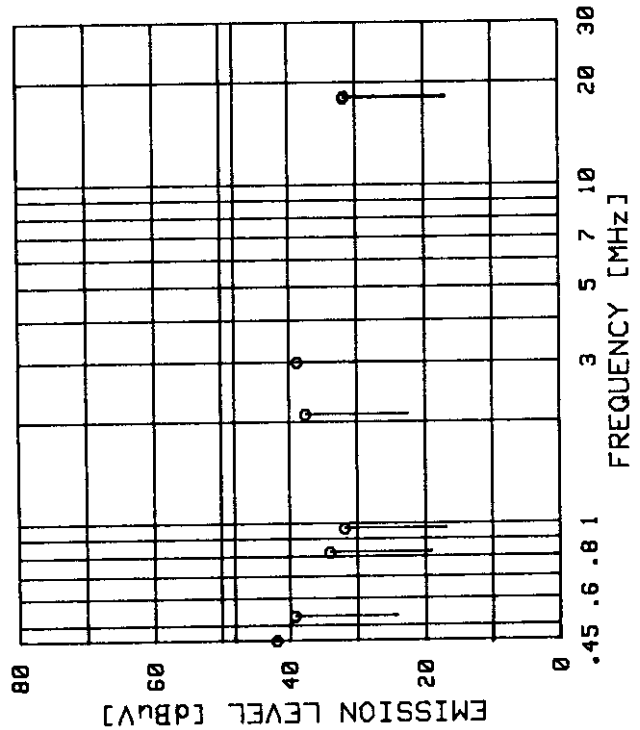
[dBuV]

[illegible]

CANON INC. CANON 3m S.A.C. INTERFERENCE VOLTAGE TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : PRINT MODE
DATE TESTED : 03.19.1998
FILE NUMBER : G398006
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
LISN : ESH2-Z5
No. of PHASE : SINGLE PHASE

ENGINEER : *Kazuhiko Yagi*
KAZUHIRO.YAGI



No	FREQ	NEUTRAL	LINE 1	LINE 2	LINE 3	EMI	FCC	MARGIN	
	[MHz]	QP AVE	QP AVE	QP AVE	AVE FRACT	LEVEL	LIMIT		
		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dB]	
1	<u>.4500</u>	<u>41.8</u>	-	40.8	-	-	<u>41.8</u>	<u>48.0</u>	<u>6.2</u>
2	<u>.5300</u>	<u>39.2</u>	-	37.6	-	-	<u>39.2</u>	<u>48.0</u>	<u>8.8</u>
3	<u>.8200</u>	<u>34.0</u>	-	28.1	-	-	<u>34.0</u>	<u>48.0</u>	<u>14.0</u>
4	<u>.9640</u>	<u>31.8</u>	-	24.8	-	-	<u>31.8</u>	<u>48.0</u>	<u>16.2</u>
5	<u>2.1000</u>	<u>34.0</u>	-	<u>37.5</u>	-	-	<u>37.5</u>	<u>48.0</u>	<u>10.5</u>
6	<u>2.9900</u>	<u>37.8</u>	-	<u>38.7</u>	-	-	<u>38.7</u>	<u>48.0</u>	<u>9.3</u>
7	<u>17.9340</u>	<u>31.7</u>	-	31.2	-	-	31.7	<u>48.0</u>	<u>16.3</u>
8	<u>18.1100</u>	<u>31.6</u>	-	31.2	-	-	31.6	<u>48.0</u>	<u>16.4</u>

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

MEASUREMENT OF CONDUCTED POWERLINE

EUT NAME	FACSIMILE

MODEL No. H12130

SITE CANON 3m S.R.C.

MODEL No.

ENGINEER *Hazretkara Jagr*

MODEL No.

REGULATION FCC Part 15B CLASS B

MODEL No.

LISN R/S ESH2-Z5

RECEIVER R/S ESH23

RECEIVER S/N 893495/002

NOTES: AC 120 V / 60 Hz

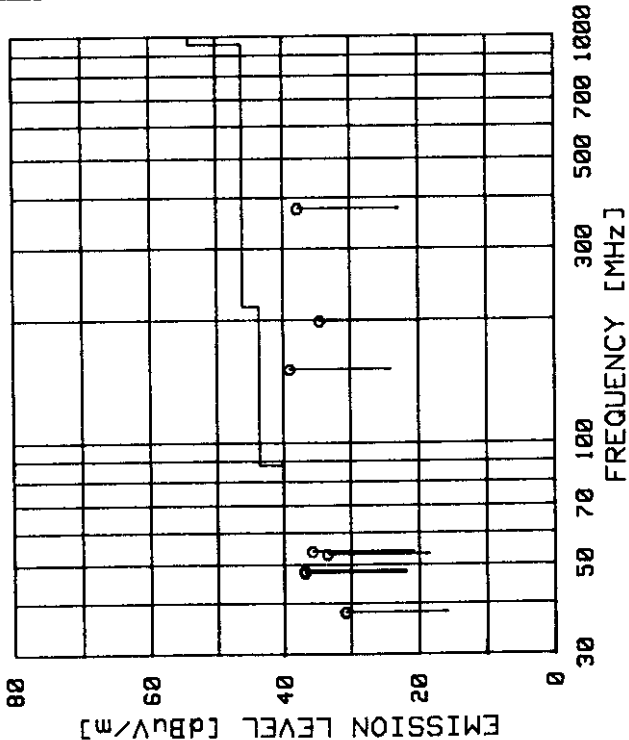
PRINT MODE

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CANON INC. CANON 3m S.A.C. INTERFERENCE RADIATION TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : STANDBY MODE
DATE TESTED : 03.18.1998
FILE NUMBER : G398006
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 6.0
DISTANCE [m] : 3.0

ENGINEER : *Kazuhiro Yagi*
KAZUHIRO.YAGI



No	FREQ ANT [MHz]	READING Hor [dBuV]	Ver	ANT FACTOR Hor [dB]	Ver [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC LIMIT	MARGIN [dB]
1	38.03 BC	28.60	35.50	14.65	14.65	1.20	26.65	30.70	40.00	9.30
2	47.93 BC	34.30	44.30	11.72	11.72	1.30	26.61	36.79	40.00	3.21
3	48.44 BC	31.10	44.50	11.56	11.56	1.30	26.61	36.83	40.00	3.17
4	53.09 BC	33.00	42.30	10.23	10.23	1.45	26.59	33.39	40.00	6.61
5	53.95 BC	38.40	44.80	10.00	10.00	1.46	26.59	35.67	40.00	4.33
6	152.03 BC	40.50	41.90	14.67	14.67	2.59	26.22	38.94	43.50	4.56
7	199.17 BC	35.10	25.70	16.34	16.34	2.90	25.90	34.44	43.50	9.06
8	376.18 LP	38.30	34.20	15.56	15.56	4.32	26.47	37.71	46.00	8.29

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC Part15B CLASS B LIMIT

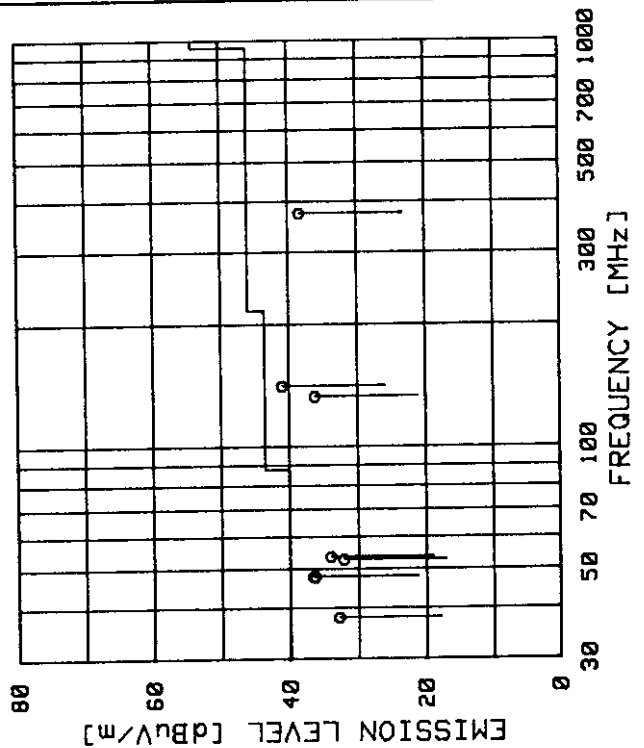
EMISSION LEVEL = READING LEVEL + ANTENNA FACTOR + CABLE LOSS
- AMP GAIN + ANTENNA PAD

THE TEMPERATURE IS 20 °C AND THE HUMIDITY IS 22 %.

CANON INC. CANON 3m S.A.C. INTERFERENCE RADIATION TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : B&W COPY MODE
DATE TESTED : 03.17.1998
FILE NUMBER : G398006
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 6.0
DISTANCE [m] : 3.0

ENGINEER : *Kazuhiko Yagi*
KAZUHIRO. YAGI



No	FREQ ANT [MHz]	READING Hor Ver [dBuV]	ANT FACTOR Hor Ver [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC MARGIN [dB]
1	38.03 BC	29.30 37.60	14.65 14.65	1.20	26.65	32.80	40.00 7.20
2	48.19 BC	27.80 43.80	11.64 11.64	1.38	26.61	36.21	40.00 3.79
3	48.21 BC	30.10 44.10	11.63 11.63	1.38	26.61	36.50	40.00 3.50
4	53.03 BC	33.20 41.00	10.24 10.24	1.45	26.59	32.10	40.00 7.90
5	53.91 BC	36.20 43.10	10.01 10.01	1.46	26.59	33.98	40.00 6.02
6	133.82 BC	40.40 34.60	13.64 13.64	2.41	26.31	36.14	43.50 7.36
7	141.93 BC	44.50 48.00	14.20 14.20	2.49	26.29	40.90	43.50 2.60
8	376.20 LP	38.00 32.70	15.56 15.56	4.32	26.47	38.21	46.00 7.79

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC Part15B CLASS B LIMIT

EMISSION LEVEL = READING LEVEL + ANTENNA FACTOR + CABLE LOSS
- AMP GAIN + ANTENNA PAD

THE TEMPERATURE IS 20 °C AND THE HUMIDITY IS 32 %.

EUT NAME FACSIMILE

MODEL No. _____ ENGINEER Kazuhisa Yagi

MODEL No. _____ REGULATION FCC Part 15B CLASS B

MODEL No. _____ TEST DISTANCE 3 m

RECEIVER R/S ESVP RECEIVER S/N 892565/001

NOTES: AC 120 V / 60 Hz TEMP./HUMIDITY 20 °C/ 32 %

B&W COPY MODE

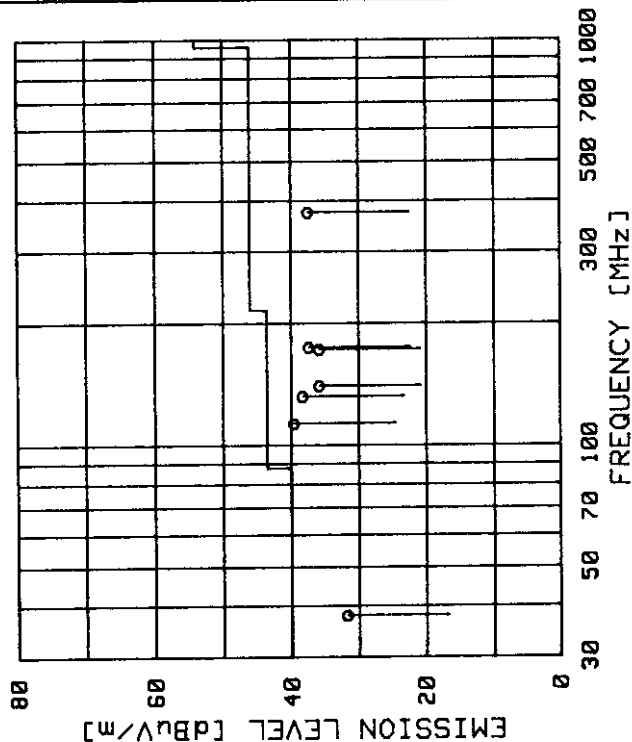
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CANON INC. CANON 3m S.A.C. INTERFERENCE RADIATION TEST

APPLICANT : CANON INC.
 MODEL NUMBER : H12130
 SERIAL NUMBER : DE-408
 POWER SOURCE : AC 120V/60Hz
 DESCRIPTION : TX MODE
 DATE TESTED : 03.17.1998
 FILE NUMBER : G398006
 REGULATION : FCC Part15B CLASS B
 according to : ANSI C63.4-1992
 ANT.PAD [dB] : 6.0
 DISTANCE [m] : 3.0

ENGINEER :

Kazuhiro Yagi
KAZUHIRO. YAGI



No	FREQ [MHz]	ANT	READING Hor Ver [dBuV]	ANT FACTOR Hor Ver [dB]	CABLE LOSS [dB]	RMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC LIMIT [dB]	MARGIN
1	38.03	BC	29.50 36.50	14.65 14.65	1.20	26.65	31.70	40.00	8.30
2	114.03	BC	46.00 42.00	11.65 11.65	2.22	26.35	39.52	43.50	3.98
3	133.03	BC	42.20 42.60	13.55 13.55	2.41	26.31	38.25	43.50	5.25
4	141.30	BC	39.40 35.20	14.17 14.17	2.48	26.30	35.75	43.50	7.75
5	173.93	BC	37.30 31.80	15.75 15.75	2.81	26.09	35.77	43.50	7.73
6	175.93	BC	38.00 36.30	15.76 15.76	2.82	26.08	37.30	43.50	6.20
7	376.19	LP	38.00 32.90	15.56 15.56	4.32	26.47	37.41	46.00	8.59

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC Part15B CLASS B LIMIT

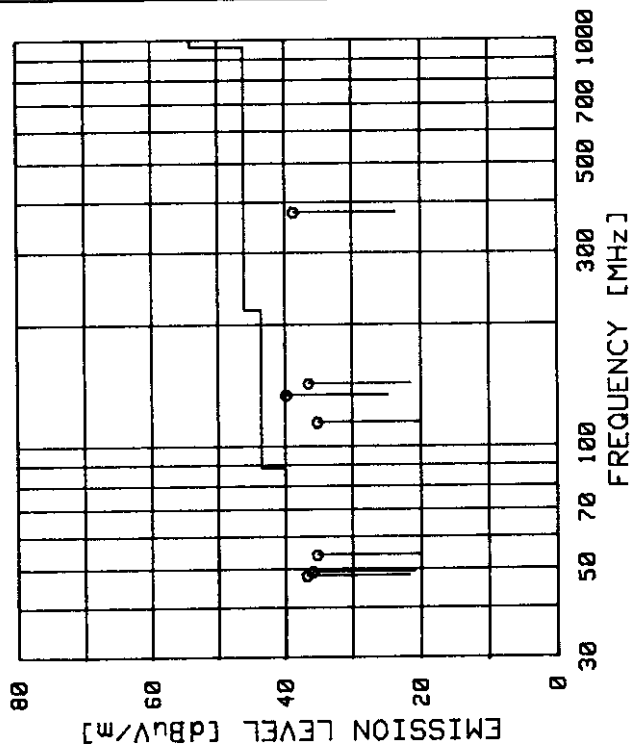
EMISSION LEVEL = READING LEVEL + ANTENNA FACTOR + CABLE LOSS
- RMP GAIN + ANTENNA PAD

THE TEMPERATURE IS 20 °C AND THE HUMIDITY IS 34 %.

CANON INC. CANON 3m S.A.C. INTERFERENCE RADIATION TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : RX MODE
DATE TESTED : 03.17.1998
FILE NUMBER : G398006
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 5.0
DISTANCE [m] : 3.0

ENGINEER : Kazuhiro Yagi
KAZUHIRO YAGI



No	FREQ ANT [MHz]	READING [dBuV]		ANT FACTOR		CABLE LOSS [dB]	RMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC LIMIT	MARGIN [dB]
		Hor	Ver	Hor	Ver					
1	47.90 BC	29.70	44.20	11.73	11.73	1.38	26.61	36.70	40.00	3.30
2	49.03 BC	33.00	43.70	11.37	11.37	1.39	26.61	35.85	40.00	4.15
3	53.94 BC	38.10	44.30	10.00	10.00	1.46	26.59	35.17	40.00	4.83
4	114.03 BC	40.80	41.60	11.65	11.65	2.22	26.35	35.12	43.50	8.38
5	133.03 BC	44.10	42.80	13.55	13.55	2.41	26.31	39.75	43.50	3.75
6	142.50 BC	40.00	37.30	14.24	14.24	2.49	26.29	36.44	43.50	7.06
7	376.20 LP	39.20	34.80	15.56	15.56	4.32	26.47	38.61	46.00	7.39

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC Part15B CLASS B LIMIT

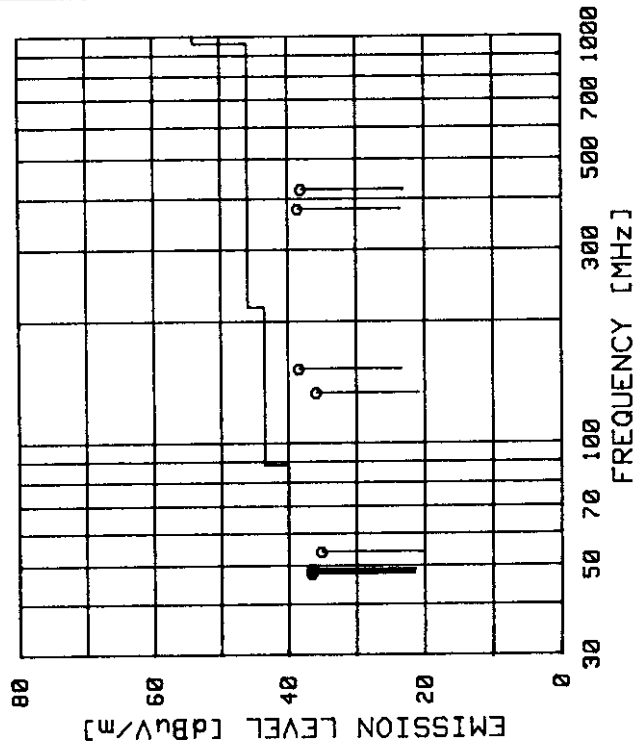
EMISSION LEVEL = READING LEVEL + ANTENNA FACTOR + CABLE LOSS
- RMP GAIN + ANTENNA PAD

THE TEMPERATURE IS 24 °C AND THE HUMIDITY IS 28 %.

CANON INC. CANON 3m S.A.C. INTERFERENCE RADIATION TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : PRINT MODE
DATE TESTED : 03.18.1998
FILE NUMBER : G398006
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 6.0
DISTANCE [m] : 3.0

ENGINEER : Kazuhiko Yagi
KAZUHIRO.YAGI



No	FREQ	ANT	READING	ANT FACTOR	CABLE	AMP	EMISSION	FCC	MARGIN
	[MHz]		Hor Ver [dBuV]	Hor Ver [dB]	LOSS [dB]	GAIN [dB]	LEVEL [dBuV/m]	LIMIT	[dB]
1	47.62	BC	27.80 43.90	11.82 11.82	1.37	26.62	36.47	40.00	3.53
2	48.25	BC	28.50 44.20	11.62 11.62	1.38	26.61	36.59	40.00	3.41
3	48.81	BC	30.40 44.10	11.44 11.44	1.39	26.61	36.32	40.00	3.68
4	53.95	BC	38.30 44.20	10.00 10.00	1.46	26.59	35.07	40.00	4.93
5	132.97	BC	40.20 37.10	13.55 13.55	2.41	26.31	35.85	43.50	7.65
6	152.03	BC	40.00 41.30	14.67 14.67	2.59	26.22	38.34	43.50	5.16
7	376.20	LP	39.10 36.00	15.56 15.56	4.32	26.47	38.51	46.00	7.49
8	420.45	LP	31.30 37.10	17.04 17.04	4.66	26.80	38.00	46.00	8.00

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC Part15B CLASS B LIMIT

EMISSION LEVEL = READING LEVEL + ANTENNA FACTOR + CABLE LOSS
- AMP GAIN + ANTENNA PAD

THE TEMPERATURE IS 24 °C AND THE HUMIDITY IS 22 %.

MEASUREMENT OF RADIATED RADIO NOISE

COMPANY CANON INC. DATE 03.18.1998

EUT NAME FACSIMILE

MODEL No. H12130

SITE CANON 3m S.A.C. 

MODEL No.

ENGINEER *Hazukiya yag*

MODEL No.

REGULATION FCC Part 15B CLASS B

MODEL No.

TEST DISTANCE 3 m

RECEIVER R/S ESVP

RECEIVER S/N 892565/001

NOTES: AC 120 V / 60 Hz TEMP./HUMIDITY 24 °C / 22 %

PRINT MODE

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