CANON

EXHIBIT 4

MEASUREMENTS

EMI TEST REPORT

Contents

Canon G3 RF 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 #	G398010		
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
被試験機の分類 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) 4月(M) 21, 24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	垂直偏波 Vertical	Rx	2.78 dB	64.03 MHz	
	水平偏波 Horizontal	Tx	4.19 dB	127.99 MHz	
電源端子ノイズ Conducted noise	準尖頭値 Quasi-peak	Copy Rx	5.7 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chart No.1)

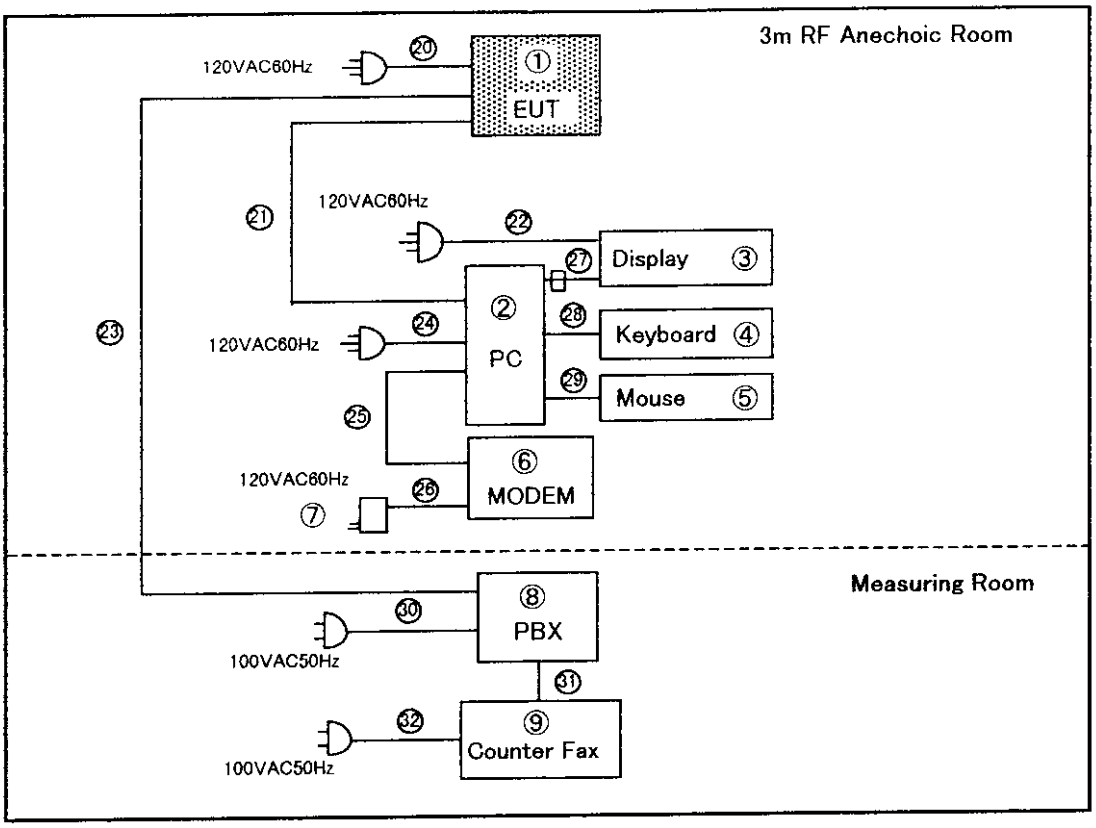
EUTの動作モード Mode of operation: Standby, Copy, Tx, Rx, Print

特記事項 Remarks

4. 測定ﾚﾎﾟｰﾄの発行 Issue of Test Report

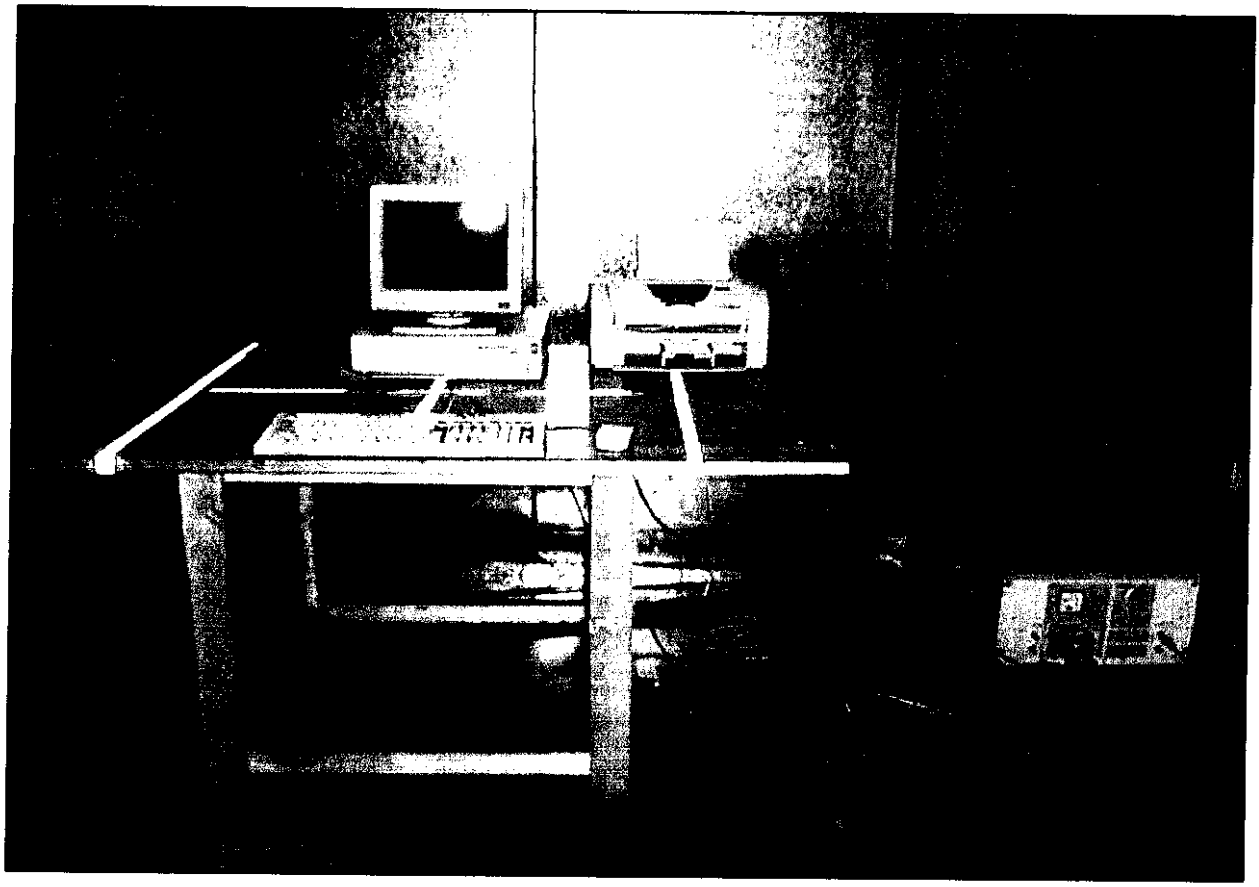
ﾚﾎﾟｰﾄの発行 Report issued by	Canon Inc.	発行日 Issued	1998年(Y) 5月(M) 6日(D)
住所 Address	3-30-2 Shimomaruko, Ohta-ku, Tokyo146, Japan		
測定場所 Site	Canon G3 RF Anechoic Room, 3-30-2 Shimomaruko, Ohta-ku, Tokyo 146, Japan FCC filing valid until March 1999. FCC Ref #: 31040/SIT, 1300F2		
測定者 Measured by	Kazuhiro Yagi, Engineer, DCT		
承認 Approved by	Etsuo Wakasugi, Director Engineer, DCT	Shingo Uehara, Mgr, OIP Tech Assr Dept 13, Canon Inc.	

5. 試験構成 Test Setup

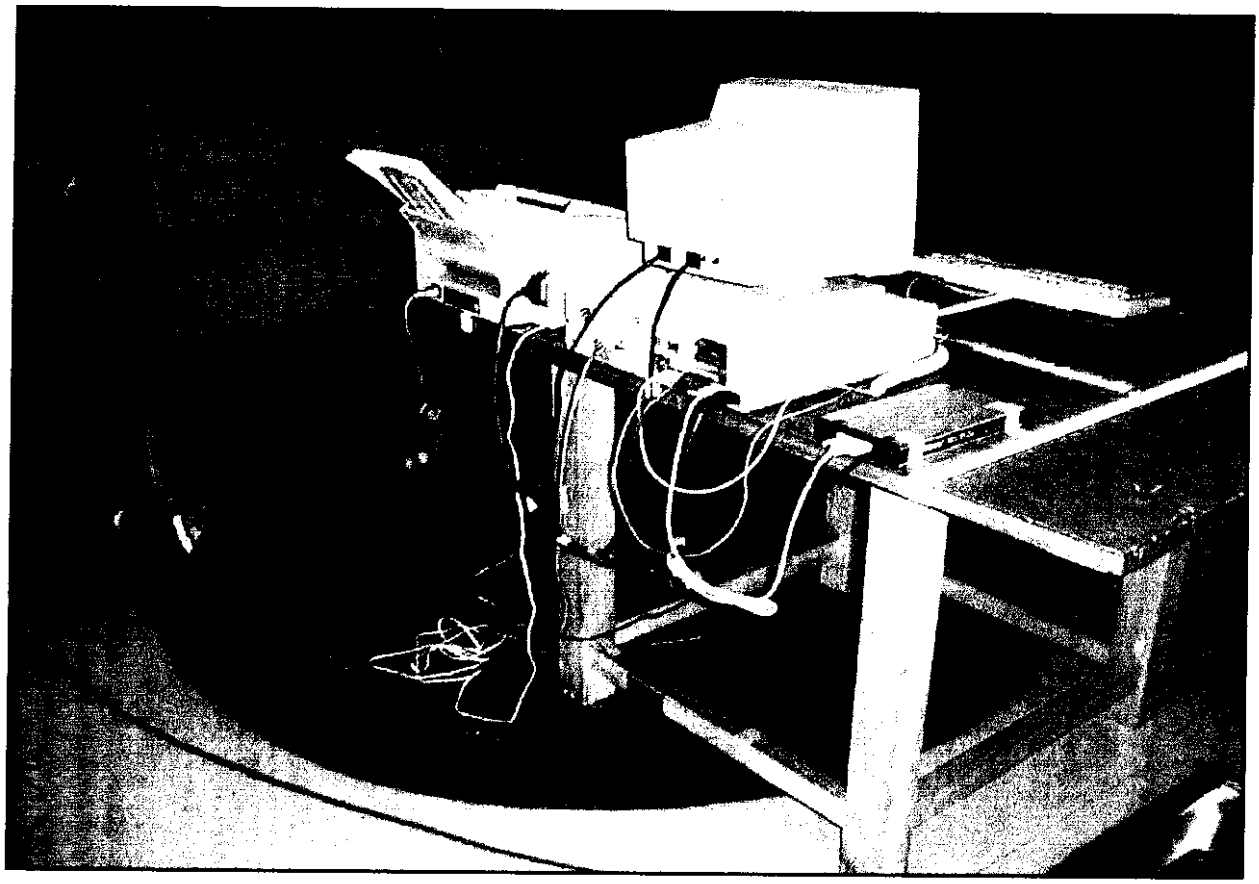


	機器名 Name of Equipment	型番 Type	シリアル番号 Serial#	FCC ID	メーカ Manufacturer
①	EUT	H12130	DE-408	AZDH12130	Canon Inc
②	DESKPRO XE 560	3071	6352HFC20623	CNT75MBFF	COMPAQ
③	Display	411c	11125222A447	BEJMY411	COMPAQ
④	Keyboard	Enhanced III	140536-119	CIGE035074	COMPAQ
⑤	Mouse	MUS2J	1D764AA00908	EMJMUSJA	COMPAQ
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 Mfr	長さ Length	シールドの有無 Shield	コアの有無(個数) Core
⑳	Power	WT3-5021	Canon Inc.	2 m	None	None
㉑	Centronix	LEPC60		1.5 m	Shield	None
㉒	Power (integral part of Display)			1.8 m	None	None
㉓	Telephone	HH2-2501	Canon Inc.	4 m	None	None
㉔	Power			1.9 m	None	None
㉕	RS			1.5 m	None	None
㉖	AC			1 m	None	None
㉗	Video			1.8 m	Shield	1
㉘	Control (integral part of keyboard)			1.4 m	None	None
㉙	Control (integral part of mouse)			1.8 m	None	None
㉚	Power (integral part of PBX)			1.8 m	None	None
㉛	Telephone			2.9 m	None	None
㉜	Power			2 m	None	None



正面(電源端子ﾉｲｽﾞ測定時)Front View (Conduction)



背面(電源端子ﾉｲｽﾞ測定時)Rear View (Conduction)
付記: ｹｰﾌﾞﾙの配置を示すため、後側ｽｸﾘｰﾝは除外した。

CANON 3m S.A.C.

04.03.1998 3m

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

NOTES

Engineer, _____

FREQ. [MHz]	INPUT [dBuV]	READING [dBuV] S.A	QP	AV	ATT [dB]	LOSS [dB]	AMP [dB]	CORR [dB]	CORR'D [dBuV] S.A	QP	AV	DIFF. [dB] S.A	QP	AV
30.0	40	60.34	59.60	59.50	6.00	1.04	26.66	19.62	40.72	39.98	39.88	.72	-.02	-.12
	30	50.46	49.20	49.50					30.84	29.58	29.88	.84	-.42	-.12
100.0	40	58.71	58.10	58.30	6.00	2.04	26.43	18.39	40.32	39.71	39.91	.32	-.29	-.09
	30	49.04	48.20	48.30					30.65	29.81	29.91	.65	-.19	-.09
300.0	40	56.08	55.50	55.80	6.00	3.78	25.83	16.05	40.03	39.45	39.75	.03	-.55	-.25
	30	46.34	45.70	45.80					30.29	29.65	29.75	.29	-.35	-.25
600.0	40	56.53	55.60	55.50	6.00	5.69	27.54	15.85	40.68	39.75	39.65	.68	-.25	-.35
	30	46.78	45.70	45.50					30.93	29.85	29.65	.93	-.15	-.35
990.0	40	54.14	53.20	52.80	6.00	7.60	26.77	13.17	40.97	40.03	39.63	.97	.03	-.37
	30	44.48	43.40	42.90					31.31	30.23	29.73	1.31	.23	-.27

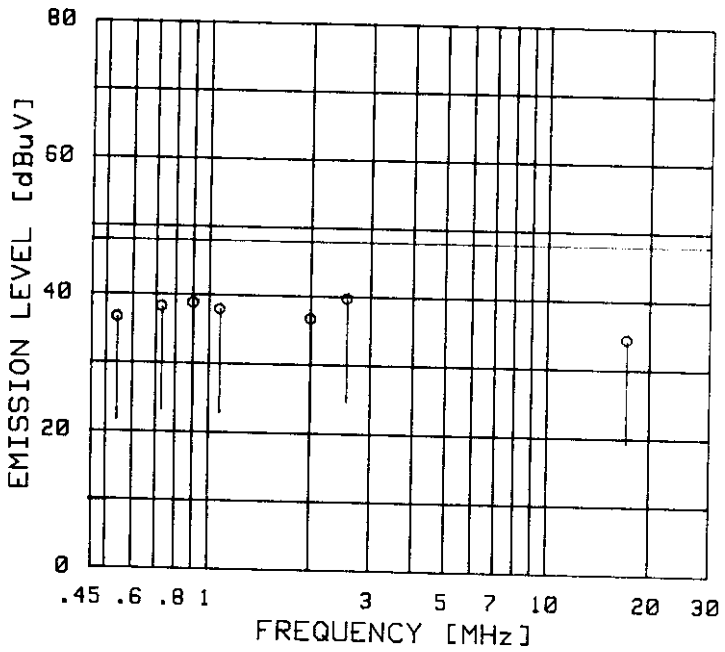
CANON INC.

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 : 04.24.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
LISN : ESH2-Z5
No. of PHASE : SINGLE PHASE

ENGINEER : KAZUHIRO.YAGI



No	FREQ [MHz]	NEUTRAL QP [dBuV]	NEUTRAL AVE [dBuV]	LINE 1 QP [dBuV]	LINE 1 AVE [dBuV]	LINE 2 QP [dBuV]	LINE 2 AVE [dBuV]	LINE 3 QP [dBuV]	LINE 3 AVE [dBuV]	LISN FACT [dB]	EMI LEVEL [dBuV]	FCC LIMIT [dBuV]	MARGIN [dB]
1	.5400	36.6	-	32.4	-	-	-	-	-	-	36.6	48.0	11.4
2	.7270	38.2	-	30.4	-	-	-	-	-	-	38.2	48.0	9.8
3	.9000	38.8	-	34.3	-	-	-	-	-	-	38.8	48.0	9.2
4	1.0770	37.9	-	34.9	-	-	-	-	-	-	37.9	48.0	10.1
5	2.0000	36.7	-	34.8	-	-	-	-	-	-	36.7	48.0	11.3
6	2.5450	39.7	-	38.2	-	-	-	-	-	-	39.7	48.0	8.3
7	17.0970	34.3	-	34.4	-	-	-	-	-	-	34.4	48.0	13.6

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

MEASUREMENT OF CONDUCTED POWERLINE

COMPANY CANON INC. DATE 04.24.1998
EUT NAME FACSIMILE
MODEL No. H12130 SITE CANON 3m S.A.C.
MODEL No. ENGINEER
MODEL No. REGULATION FCC Part15B CLASS B
MODEL No. LISN R/S ESH2-Z5
RECEIVER R/S ESH2 RECEIVER S/N 893495/002
NOTES: AC 120 V / 60 Hz
STANDBY MODE

[dBuV]

FREQ.	Reading N		Reading L1		Reading L2		Reading L3	
[MHz]	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average
0.5400	36.6		32.4					
0.7270	38.2		30.4					
0.9000	38.8		34.3					
1.0770	37.9		34.9					
2.0000	36.7		34.8					
2.5450	39.7		38.2					
17.0970	34.3		34.4					

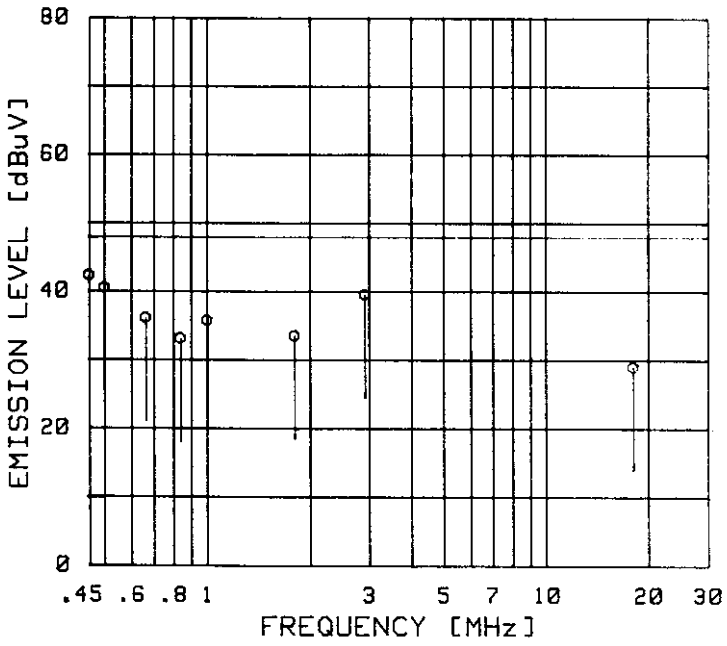
CANON INC.

CANON 3m S.A.C.

INTERFERENCE VOLTAGE TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : COPY MODE
DATE TESTED : 04.24.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
LISN : ESH2-Z5
No. of PHASE : SINGLE PHASE

ENGINEER : KAZUHIRO.YAGI



No	FREQ	NEUTRAL QP	NEUTRAL AVE	LINE 1 QP	LINE 1 AVE	LINE 2 QP	LINE 2 AVE	LINE 3 QP	LINE 3 AVE	LISN FACT	EMI LEVEL	FCC LIMIT	MARGIN
	[MHz]	[dBuV]		[dBuV]		[dBuV]		[dBuV]		[dB]	[dBuV]		[dB]
1	.4500	42.3	-	41.3	-	-	-	-	-	-	42.3	48.0	5.7
2	.5000	40.5	-	38.8	-	-	-	-	-	-	40.5	48.0	7.5
3	.6600	36.1	-	33.5	-	-	-	-	-	-	36.1	48.0	11.9
4	.8370	33.1	-	28.5	-	-	-	-	-	-	33.1	48.0	14.9
5	1.0000	35.7	-	25.1	-	-	-	-	-	-	35.7	48.0	12.3
6	1.8000	33.5	-	29.0	-	-	-	-	-	-	33.5	48.0	14.5
7	2.9070	30.8	-	39.5	-	-	-	-	-	-	39.5	48.0	8.5
8	18.0470	28.0	-	29.0	-	-	-	-	-	-	29.0	48.0	19.0

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

MEASUREMENT OF CONDUCTED POWERLINE

COMPANY CANON INC. DATE 04.24.1998
EUT NAME FACSIMILE
MODEL No. H12130 SITE CANON 3m S.A.C.
MODEL No. ENGINEER Kazuhiro Yagi
MODEL No. REGULATION FCC Part15B CLASS B
MODEL No. LISN R/S ESH2-Z5
RECEIVER R/S ESH2 RECEIVER S/N 893495/002
NOTES: AC 120 V / 60 Hz
COPY MODE

[dBuV]

FREQ. [MHz]	Reading N		Reading L1		Reading L2		Reading L3	
	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average
0.4500	42.3		41.3					
0.5000	40.5		38.8					
0.6600	36.1		33.5					
0.8370	33.1		28.5					
1.0000	35.7		25.1					
1.8000	33.5		29.0					
2.9070	38.8		39.5					
18.0470	28.0		29.0					

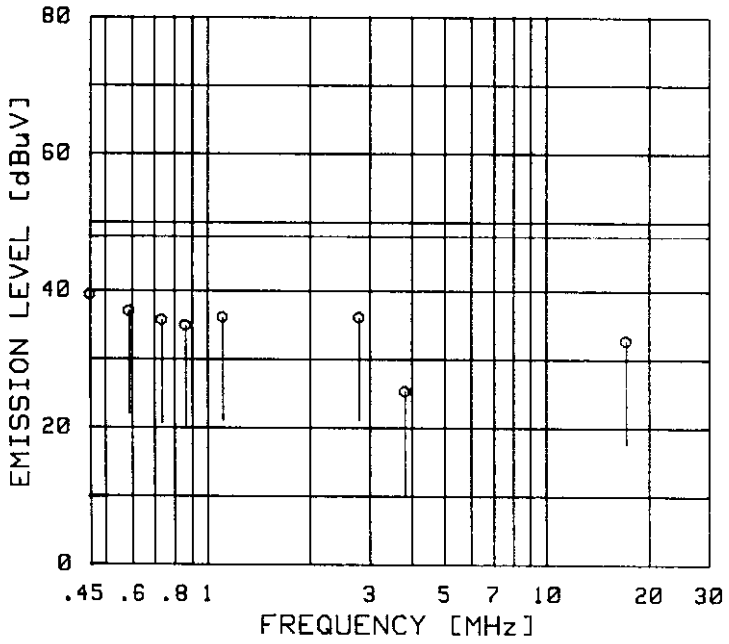
CANON INC.

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 : 04.24.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
LISN : ESH2-Z5
No. of PHASE : SINGLE PHASE

ENGINEER : KAZUHIRO.YAGI



No	FREQ	NEUTRAL QP	NEUTRAL AVE	LINE 1 QP	LINE 1 AVE	LINE 2 QP	LINE 2 AVE	LINE 3 QP	LINE 3 AVE	LISN FACT	EMI LEVEL	FCC LIMIT	MARGIN
	[MHz]	[dBuV]		[dBuV]		[dBuV]		[dBuV]		[dB]	[dBuV]		[dB]
1	.4500	39.4	-	38.4	-	-	-	-	-	-	39.4	48.0	8.6
2	.5860	37.0	-	33.6	-	-	-	-	-	-	37.0	48.0	11.0
3	.7350	35.7	-	29.8	-	-	-	-	-	-	35.7	48.0	12.3
4	.8580	34.9	-	29.0	-	-	-	-	-	-	34.9	48.0	13.1
5	1.1100	36.1	-	29.4	-	-	-	-	-	-	36.1	48.0	11.9
6	2.7850	36.1	-	35.5	-	-	-	-	-	-	36.1	48.0	11.9
7	3.8010	25.3	-	23.3	-	-	-	-	-	-	25.3	48.0	22.7
8	17.0230	32.5	-	32.7	-	-	-	-	-	-	32.7	48.0	15.3

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

MEASUREMENT OF CONDUCTED POWERLINE

COMPANY CANON INC. DATE 04.24.1998
EUT NAME FACSIMILE
MODEL No. H12130 SITE CANON 3m S.A.C.
MODEL No. ENGINEER
MODEL No. REGULATION FCC Part15B CLASS B
MODEL No. LISN R/S ESH2-Z5
RECEIVER R/S ESH2 RECEIVER S/N 893495/002
NOTES: AC 120 V / 60 Hz
TX MODE

[dBuV]

FREQ. [MHz]	Reading N		Reading L1		Reading L2		Reading L3	
	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average
0.4500	39.4		38.4					
0.5860	37.0		33.6					
0.7350	35.7		29.8					
0.8580	34.9		29.0					
1.1100	36.1		29.4					
2.7850	36.1		35.5					
3.8010	25.3		23.3					
12.0230	32.5		32.7					

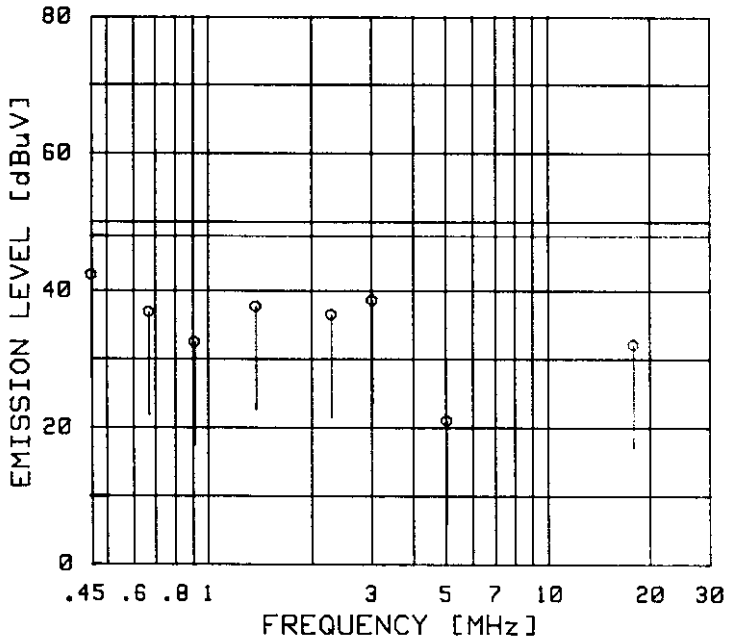
CANON INC.

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 : 04.24.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
LISN : ESH2-Z5
No. of PHASE : SINGLE PHASE

ENGINEER : KAZUHIRO.YAGI



No	FREQ	NEUTRAL QP	NEUTRAL AVE	LINE 1 QP	LINE 1 AVE	LINE 2 QP	LINE 2 AVE	LINE 3 QP	LINE 3 AVE	LISN FACT	EMI LEVEL	FCC LIMIT	MARGIN
	[MHz]	[dBuV]		[dBuV]		[dBuV]		[dBuV]		[dB]	[dBuV]		[dB]
1	.4500	42.3	-	41.0	-	-	-	-	-	-	42.3	48.0	5.7
2	.6680	36.9	-	33.0	-	-	-	-	-	-	36.9	48.0	11.1
3	.9080	32.5	-	26.7	-	-	-	-	-	-	32.5	48.0	15.5
4	1.3720	37.7	-	31.7	-	-	-	-	-	-	37.7	48.0	10.3
5	2.2850	36.5	-	35.4	-	-	-	-	-	-	36.5	48.0	11.5
6	3.0100	38.3	-	38.6	-	-	-	-	-	-	38.6	48.0	9.4
7	5.0190	19.2	-	21.0	-	-	-	-	-	-	21.0	48.0	27.0
8	17.8470	31.9	-	32.1	-	-	-	-	-	-	32.1	48.0	15.9

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

MEASUREMENT OF CONDUCTED POWERLINE

COMPANY CANON INC. DATE 04.24.1998
EUT NAME FACSIMILE
MODEL No. H12130 SITE CANON 3m S.A.C.
MODEL No. ENGINEER Hayakawa Yagi
MODEL No. REGULATION FCC Part15B CLASS B
MODEL No. LISN R/S ESH2-Z5
RECEIVER R/S ESH2 RECEIVER S/N 893495/002
NOTES: AC 120 V / 60 Hz
RX MODE

[dBuV]

FREQ. [MHz]	Reading N		Reading L1		Reading L2		Reading L3	
	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average
0.4500	42.3		41.0					
0.6680	36.9		33.0					
0.9080	32.5		26.7					
1.3720	37.7		31.7					
2.2850	36.5		35.4					
3.0100	38.3		38.6					
5.0190	19.2		21.0					
17.8470	31.9		32.1					

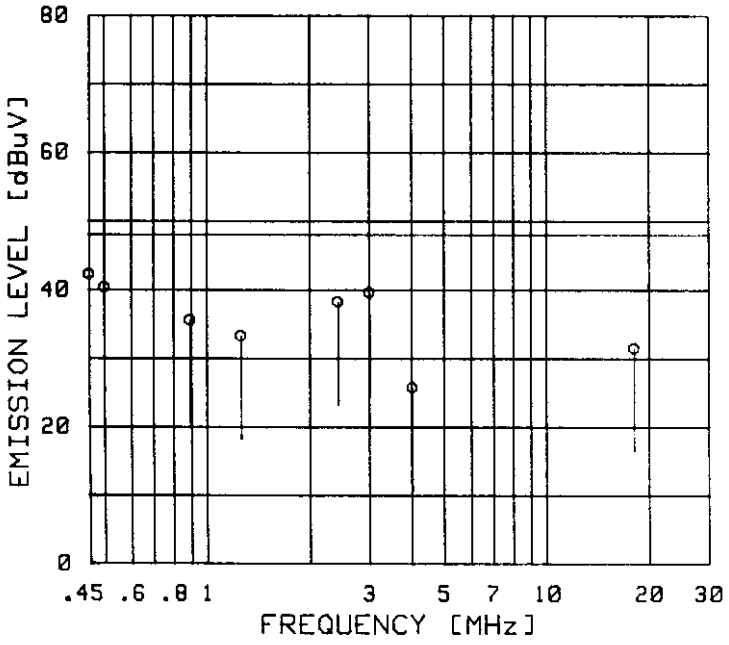
CANON INC.

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 : 04.24.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
LISN : ESH2-Z5
No. of PHASE : SINGLE PHASE

ENGINEER : KAZUHIRO.YAGI



No	FREQ	NEUTRAL QP	NEUTRAL AVE	LINE 1 QP	LINE 1 AVE	LINE 2 QP	LINE 2 AVE	LINE 3 QP	LINE 3 AVE	LISN FACT	EMI LEVEL	FCC LIMIT	MARGIN
	[MHz]	[dBuV]		[dBuV]		[dBuV]		[dBuV]		[dB]	[dBuV]		[dB]
1	.4500	42.2	-	41.0	-	-	-	-	-	-	42.2	48.0	5.8
2	.5000	40.3	-	39.2	-	-	-	-	-	-	40.3	48.0	7.7
3	.8900	35.5	-	27.1	-	-	-	-	-	-	35.5	48.0	12.5
4	1.2600	33.2	-	27.0	-	-	-	-	-	-	33.2	48.0	14.8
5	2.4200	37.4	-	38.2	-	-	-	-	-	-	38.2	48.0	9.8
6	3.0000	39.2	-	39.5	-	-	-	-	-	-	39.5	48.0	8.5
7	4.0100	25.0	-	25.7	-	-	-	-	-	-	25.7	48.0	22.3
8	18.0470	31.4	-	31.2	-	-	-	-	-	-	31.4	48.0	16.6

OTHER FREQUENCIES : MORE THAN 10dB BELOW THE FCC LIMIT

MEASUREMENT OF CONDUCTED POWERLINE

COMPANY CANON INC. DATE 04.24.1998
EUT NAME FACSIMILE
MODEL No. H12130 SITE CANON 3m S.A.C.
MODEL No. ENGINEER
MODEL No. REGULATION FCC Part15B CLASS B
MODEL No. LISN R/S ESH2-Z5
RECEIVER R/S ESH2 RECEIVER S/N 893495/002
NOTES: AC 120 V / 60 Hz
PRINT MODE

[dBuV]

FREQ.	Reading N		Reading L1		Reading L2		Reading L3	
[MHz]	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average	Q-Peak	Average
0.4500	42.2		41.0					
0.5000	40.3		39.2					
0.8900	35.5		27.1					
1.2600	33.2		27.0					
2.4200	37.4		38.2					
3.0000	39.2		39.5					
4.0100	25.0		25.7					
18.0470	31.4		31.2					

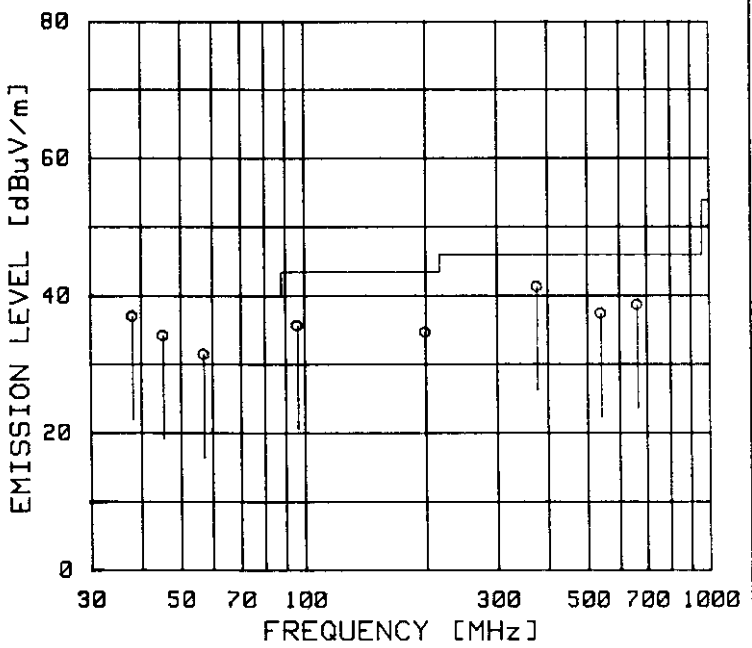
CANON INC.

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 : 04.24.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 6.0
DISTANCE [m] : 3.0

ENGINEER : KAZUHIRO.YAGI



No	FREQ [MHz]	ANT	READING Hor [dBuV]	READING Ver [dBuV]	ANT FACTOR Hor [dB]	ANT FACTOR Ver [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC LIMIT [dBuV/m]	MARGIN [dB]
1	38.03	BC	30.30	41.80	14.65	14.65	1.20	26.65	37.00	40.00	3.00
2	45.29	BC	31.70	40.90	12.57	12.57	1.34	26.62	34.19	40.00	5.81
3	57.03	BC	36.00	41.50	9.02	9.02	1.49	26.58	31.43	40.00	8.57
4	95.98	BC	44.90	36.70	9.21	9.21	2.00	26.46	35.65	43.50	7.85
5	199.13	BC	35.30	28.20	16.34	16.34	2.98	25.98	34.64	43.50	8.86
6	376.10	LP	41.90	33.90	15.55	15.55	4.32	26.47	41.30	46.00	4.70
7	540.03	LP	32.40	34.30	19.18	19.18	5.39	27.47	37.40	46.00	8.60
8	663.68	LP	33.00	30.10	21.05	21.05	6.07	27.46	38.66	46.00	7.34

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 65 %.

MEASUREMENT OF RADIATED RADIO NOISE

COMPANY CANON INC. DATE 04.24.1998

EUT NAME FACSIMILE

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

MODEL No. ENGINEER

MODEL No. REGULATION FCC Part15B 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/ 65 %

STANDBY MODE

FREQ. [MHz]	Horizontal [dBuV]			Vertical [dBuV]		
	Meter Reading	Turn Table	Antenna Height	Meter Reading	Turn Table	Antenna Height
38.030	30.3	103	159	41.8	192	100
45.290	31.7	123	177	40.9	239	100
57.030	36.0	126	174	41.5	117	100
95.980	44.9	164	184	36.7	79	100
199.130	35.3	177	100	28.2	331	100
376.100	41.9	152	183	33.9	146	140
540.030	32.4	156	100	34.3	201	100
663.680	33.0	132	100	30.1	106	100

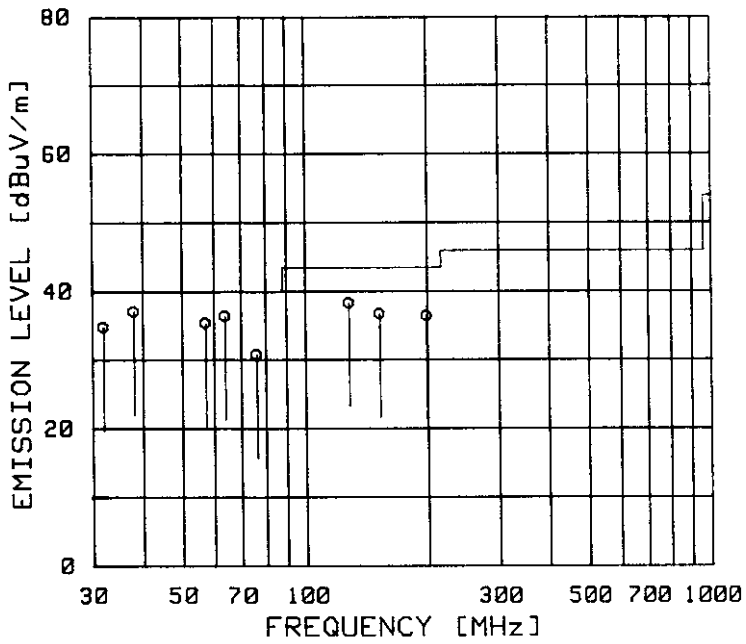
CANON INC.

CANON 3m S.A.C.

INTERFERENCE RADIATION TEST

APPLICANT : CANON INC.
MODEL NUMBER : H12130
SERIAL NUMBER : DE-408
POWER SOURCE : AC 120V/60Hz
DESCRIPTION : COPY MODE
DATE TESTED : 04.21.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 6.0
DISTANCE [m] : 3.0

ENGINEER : KAZUHIRO.YAGI



No	FREQ [MHz]	ANT	READING Hor [dBuV]	READING Ver [dBuV]	ANT FACTOR Hor [dB]	ANT FACTOR Ver [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC LIMIT [dBuV/m]	MARGIN [dB]
1	31.99	BC	27.20	38.20	16.17	16.17	1.08	26.66	34.79	40.00	5.21
2	38.03	BC	29.70	41.90	14.65	14.65	1.20	26.65	37.10	40.00	2.90
3	57.03	BC	36.60	45.50	9.02	9.02	1.49	26.58	35.43	40.00	4.57
4	63.99	BC	38.80	48.00	7.42	7.42	1.57	26.56	36.43	40.00	3.57
5	76.03	BC	36.70	43.10	6.47	6.47	1.76	26.53	30.80	40.00	9.20
6	127.99	BC	43.20	35.20	13.08	13.08	2.36	26.33	38.31	43.50	5.19
7	152.03	BC	39.70	33.50	14.67	14.67	2.59	26.22	36.74	43.50	6.76
8	199.12	BC	37.10	27.70	16.34	16.34	2.98	25.98	36.44	43.50	7.06

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 54 %.

MEASUREMENT OF RADIATED RADIO NOISE

COMPANY CANON INC. DATE 04.21.1998

EUT NAME FACSIMILE

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

MODEL No. ENGINEER Horiuchi Yagi

MODEL No. REGULATION FCC Part15B 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/ 65 %

COPY MODE

FREQ. [MHz]	Horizontal [dBuV]			Vertical [dBuV]		
	Meter Reading	Turn Table	Antenna Height	Meter Reading	Turn Table	Antenna Height
31.990	27.2	193	324	38.2	104	100
38.030	29.7	159	182	41.9	224	100
57.030	36.6	113	214	45.5	124	100
63.990	38.8	107	100	48.0	102	100
76.030	36.7	155	203	43.1	121	137
127.990	43.2	177	158	35.2	258	100
152.030	39.7	139	112	33.5	173	100
199.120	37.1	181	100	27.7	178	100

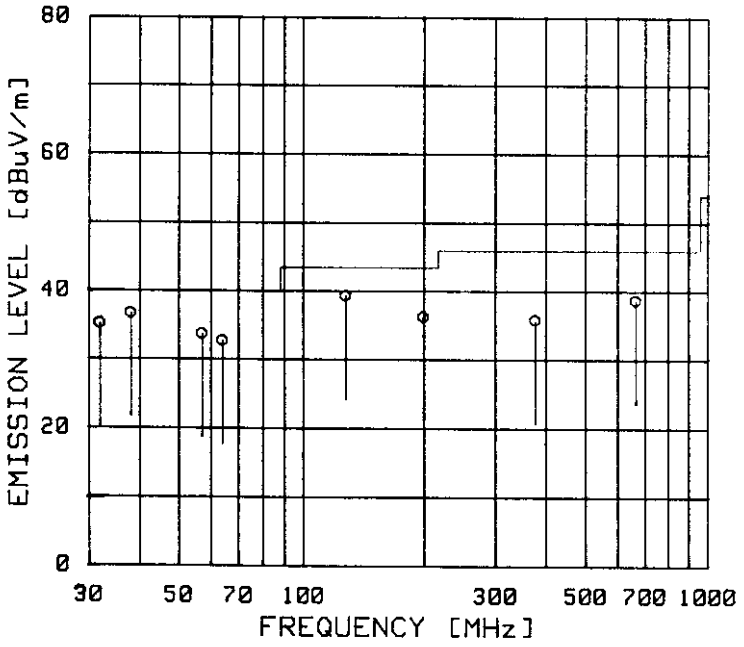
CANON INC.

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 : 04.21.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 6.0
DISTANCE [m] : 3.0

ENGINEER : KAZUHIRO.YAGI



No	FREQ [MHz]	ANT	READING Hor [dBuV]	READING Ver [dBuV]	ANT FACTOR Hor [dB]	ANT FACTOR Ver [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC LIMIT [dBuV/m]	MARGIN [dB]
1	31.94	BC	26.60	38.60	16.19	16.19	1.08	26.66	35.21	40.00	4.79
2	38.03	BC	29.00	41.50	14.65	14.65	1.20	26.65	36.70	40.00	3.30
3	57.03	BC	36.00	43.80	9.02	9.02	1.49	26.58	33.73	40.00	6.27
4	63.99	BC	40.80	44.30	7.42	7.42	1.57	26.56	32.73	40.00	7.27
5	127.99	BC	44.20	33.70	13.08	13.08	2.36	26.33	39.31	43.50	4.19
6	199.14	BC	36.90	24.60	16.34	16.34	2.98	25.98	36.24	43.50	7.26
7	376.13	LP	36.40	34.10	15.55	15.55	4.32	26.47	35.80	46.00	10.20
8	663.74	LP	33.00	29.10	21.06	21.06	6.07	27.46	38.67	46.00	7.33

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 54 %.

MEASUREMENT OF RADIATED RADIO NOISE

COMPANY CANON INC. DATE 04.21.1998

EUT NAME FACSIMILE

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

MODEL No. ENGINEER Kazuhiro Yagi

MODEL No. REGULATION FCC Part15B 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/ 54 %

TX MODE

FREQ. [MHz]	Horizontal [dBuV]			Vertical [dBuV]		
	Meter Reading	Turn Table	Antenna Height	Meter Reading	Turn Table	Antenna Height
31.940	26.6	76	170	38.6	107	100
38.030	29.0	170	190	41.5	200	100
57.030	36.0	103	205	43.8	214	100
63.990	40.8	184	288	44.3	245	100
127.990	44.2	172	128	33.7	127	187
199.140	36.9	182	100	24.6	16	100
376.130	36.4	191	100	34.1	154	128
663.740	33.0	135	100	29.1	101	100

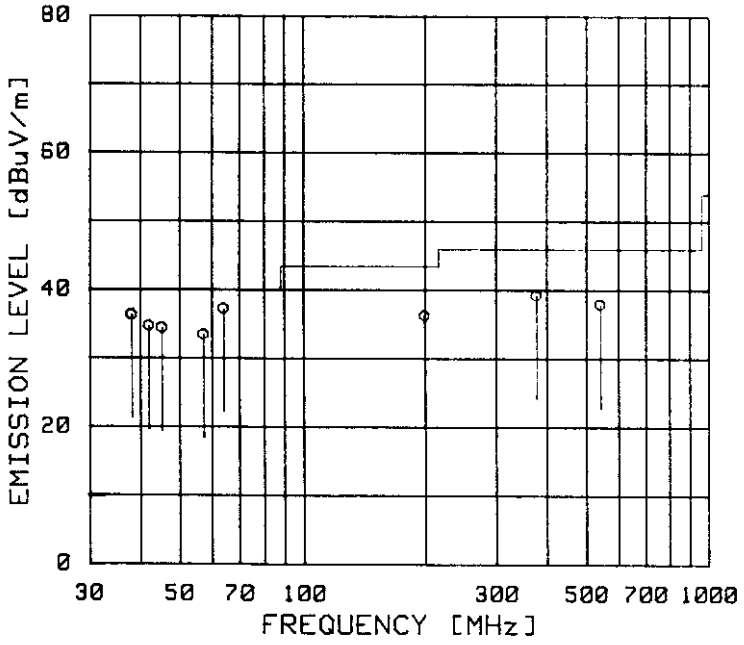
CANON INC.

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 : 04.24.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 6.0
DISTANCE [m] : 3.0

ENGINEER : KAZUHIRO.YAGI



No	FREQ [MHz]	ANT	READING Hor [dBuV]	READING Ver [dBuV]	ANT FACTOR Hor [dB]	ANT FACTOR Ver [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC LIMIT [dBuV/m]	MARGIN [dB]
1	38.03	BC	30.60	41.10	14.65	14.65	1.20	26.65	36.30	40.00	3.70
2	41.97	BC	30.90	40.40	13.64	13.64	1.28	26.64	34.68	40.00	5.32
3	45.25	BC	32.70	41.10	12.59	12.59	1.34	26.62	34.41	40.00	5.59
4	57.03	BC	34.70	43.50	9.02	9.02	1.49	26.58	33.43	40.00	6.57
5	64.03	DP	44.20	51.40	4.81	4.81	1.57	26.56	37.22	40.00	2.78
6	199.13	BC	36.90	29.20	16.34	16.34	2.98	25.98	36.24	43.50	7.26
7	376.13	LP	39.80	34.70	15.55	15.55	4.32	26.47	39.20	46.00	6.80
8	540.03	LP	32.30	34.80	19.18	19.18	5.39	27.47	37.90	46.00	8.10

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 65 %.

MEASUREMENT OF RADIATED RADIO NOISE

COMPANY CANON INC. DATE 04.24.1998
EUT NAME FACSIMILE
MODEL No. H12130 SITE CANON 3m S.A.C.
MODEL No. ENGINEER Kazuhiro Yagi
MODEL No. REGULATION FCC Part15B 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/ 65 %
RX MODE

FREQ. [MHz]	Horizontal [dBuV]			Vertical [dBuV]		
	Meter Reading	Turn Table	Antenna Height	Meter Reading	Turn Table	Antenna Height
38.030	30.6	155	209	41.1	228	100
41.970	30.9	100	171	40.4	242	100
45.250	32.7	115	185	41.1	237	100
57.030	34.7	100	100	43.5	115	100
64.030	44.2	183	276	51.4	224	136
199.130	31.9	169	100	29.2	210	100
376.130	39.8	155	200	34.7	141	129
540.030	32.3	61	100	34.8	208	100

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 : 04.24.1998
FILE NUMBER : G398010
REGULATION : FCC Part15B CLASS B
according to : ANSI C63.4-1992
ANT.PAD [dB] : 6.0
DISTANCE [m] : 3.0

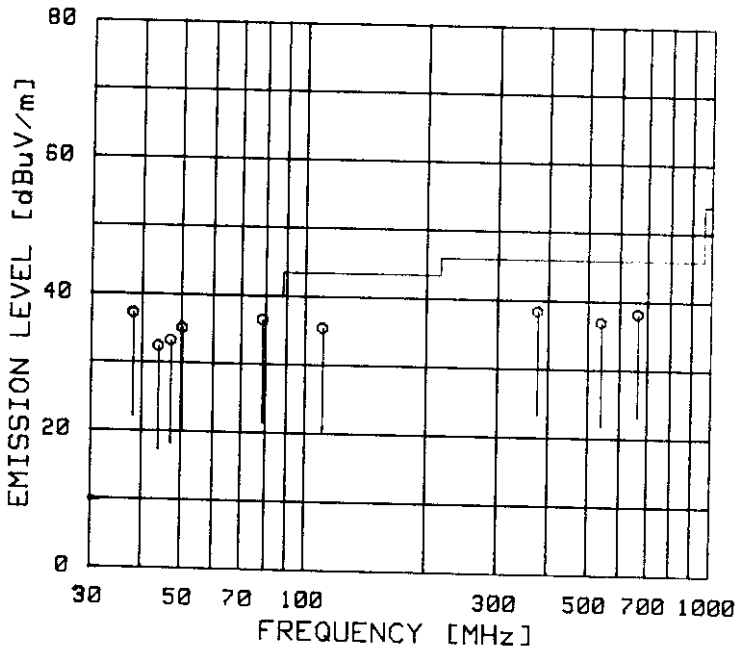
ENGINEER : KAZUHIRO.YAGI

No	FREQ [MHz]	ANT	READING Hor [dBuV]	READING Ver [dBuV]	ANT FACTOR Hor [dB]	ANT FACTOR Ver [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	EMISSION LEVEL [dBuV/m]	FCC LIMIT [dBuV/m]	MARGIN [dB]
1	38.03	BC	32.30	42.00	14.65	14.65	1.20	26.65	37.20	40.00	2.80
2	44.03	BC	28.20	38.70	12.98	12.98	1.32	26.63	32.37	40.00	7.63
3	47.20	BC	26.60	40.50	11.96	11.96	1.37	26.62	33.21	40.00	6.79
4	50.35	BC	32.80	43.30	10.96	10.96	1.41	26.60	35.07	40.00	4.93
5	78.66	BC	47.00	48.50	6.71	6.71	1.80	26.53	36.48	40.00	3.52
6	110.44	BC	42.40	35.10	11.19	11.19	2.16	26.36	35.39	43.50	8.11
7	376.14	LP	39.00	33.70	15.56	15.56	4.32	26.47	38.41	46.00	7.59
8	540.03	LP	33.40	33.80	19.18	19.18	5.39	27.47	36.90	46.00	9.10
9	663.73	LP	32.50	29.50	21.06	21.06	6.07	27.46	38.17	46.00	7.83

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 25 °C AND THE HUMIDITY IS 65 %.



MEASUREMENT OF RADIATED RADIO NOISE

COMPANY CANON INC. DATE 04.24.1998
EUT NAME FACSIMILE
MODEL No. H12130 SITE CANON 3m S.A.C.
MODEL No. ENGINEER Kazuhiro Yagi
MODEL No. REGULATION FCC Part15B 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 25 °C/ 65 %
PRINT MODE

FREQ. [MHz]	Horizontal [dBuV]			Vertical [dBuV]		
	Meter Reading	Turn Table	Antenna Height	Meter Reading	Turn Table	Antenna Height
38.030	32.3	135	204	42.0	199	100
44.030	28.2	138	152	38.7	236	100
47.200	26.6	128	100	40.5	192	100
50.350	32.8	138	221	43.3	150	100
78.660	47.0	114	215	48.5	198	100
110.490	42.4	152	179	35.1	81	188
376.140	39.0	157	206	33.7	141	112
540.030	33.4	70	100	33.8	157	100
663.730	32.5	129	100	29.5	90	100