

DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : TV RECEPTION+REC
Remarks : 0dBmV
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : Sadahiko Tanaka

No.	FREQ. [MHz]	READING(N)		READING(L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV				QP	AV	QP	AV	QP	AV
		[dBuV]		[dBuV]					[dBuV]		[dBuV]		[dB]	
1.	0.1500	47.6	-	47.0	-	0.2	0.3	0.0	48.1	-	66.0	56.0	17.9	-
2.	0.1716	47.1	-	45.9	-	0.2	0.3	0.0	47.8	-	64.9	54.9	17.3	-
3.	0.8272	21.2	-	28.2	-	0.2	0.3	0.0	28.7	-	56.0	46.0	27.3	-
4.	1.2423	26.3	-	31.1	-	0.2	0.4	0.0	31.7	-	56.0	46.0	24.3	-
5.	3.4549	32.0	-	33.0	-	0.3	0.4	0.0	33.7	-	56.0	46.0	22.3	-
6.	8.3939	39.4	-	41.2	-	0.5	0.6	0.0	42.3	-	60.0	50.0	17.7	-
7.	9.8010	38.7	-	40.7	-	0.5	0.6	0.0	41.8	-	60.0	50.0	18.2	-

CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

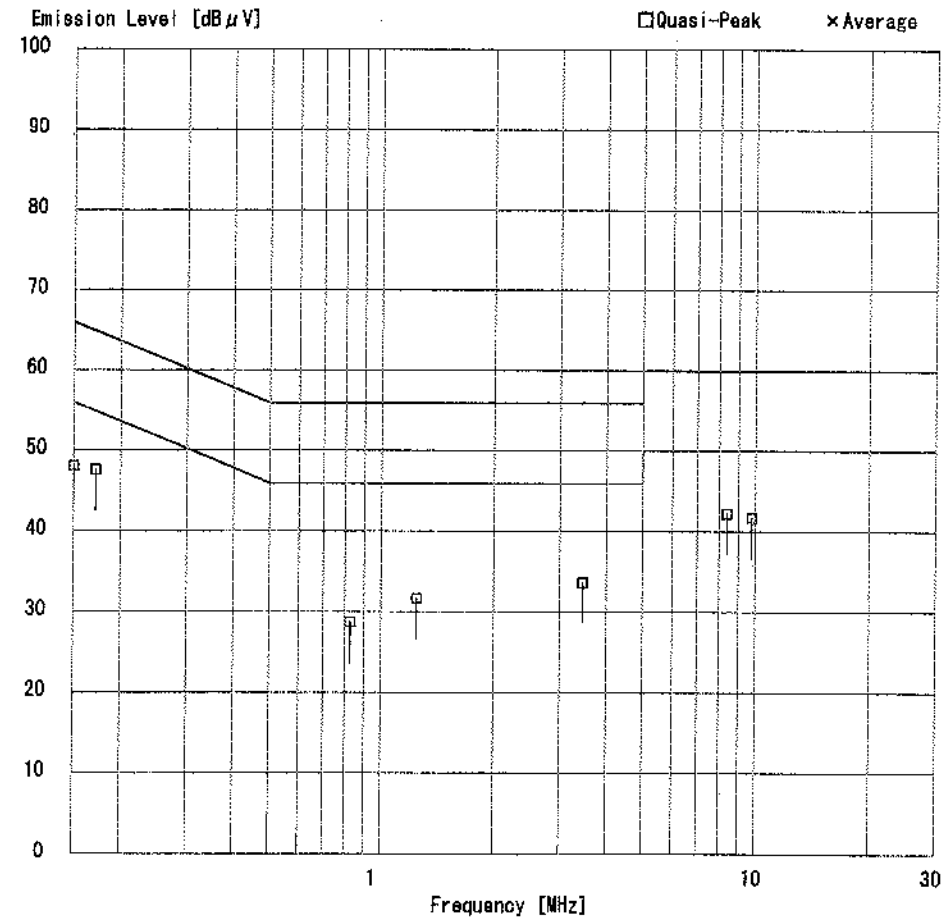
Except for the above table : adequate margin data below the limits.

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A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
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Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : TV RECEPTION+REC
Remarks : 0dBmV
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : Sadahiko Tanaka

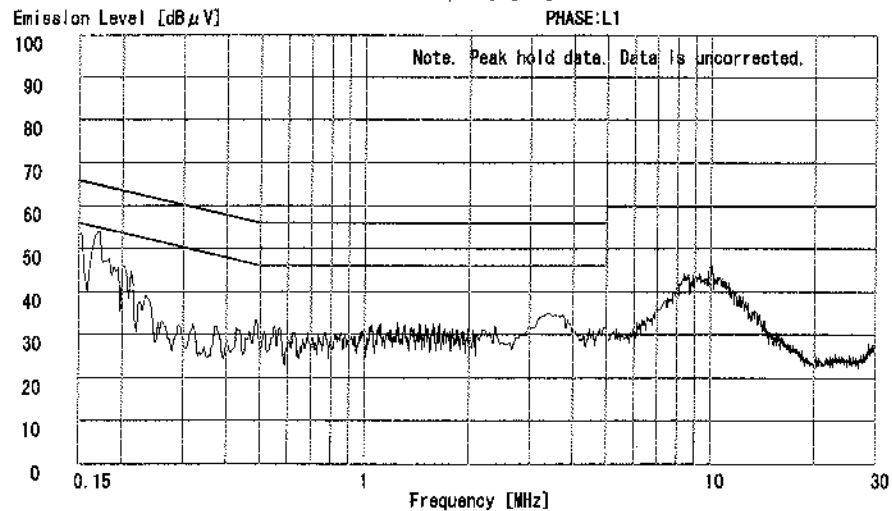
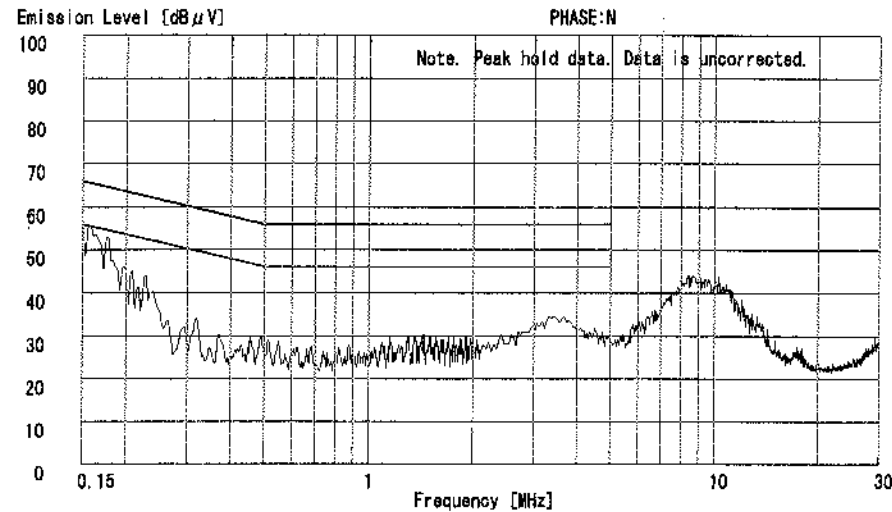


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : TV RECEPTION+REC
Remarks : 0dBmV
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation 1 : FCC Part15 CLASS B(02-157)
Regulation 2 : None

Engineer : *S. Tanaka*
Sadahiko Tanaka



DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : TV RECEPTION+REC
Remarks : 25dBmV
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

No.	FREQ. [MHz]	READING(N)		READING(L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV				QP	AV	QP	AV	QP	AV
1.	0.1500	48.2	-	48.0	-	0.2	0.3	0.0	48.7	-	66.0	56.0	17.3	-
2.	0.1669	47.5	-	46.7	-	0.2	0.3	0.0	48.0	-	65.1	55.1	17.1	-
3.	0.5016	24.4	-	32.3	-	0.2	0.3	0.0	32.8	-	56.0	46.0	23.2	-
4.	1.7824	28.8	-	32.1	-	0.2	0.4	0.0	32.7	-	56.0	46.0	23.3	-
5.	3.6469	31.5	-	33.2	-	0.3	0.4	0.0	33.9	-	56.0	46.0	22.1	-
6.	8.4634	40.6	-	41.6	-	0.5	0.6	0.0	42.7	-	60.0	50.0	17.3	-
7.	9.6389	39.0	-	41.0	-	0.5	0.6	0.0	42.1	-	60.0	50.0	17.9	-

CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

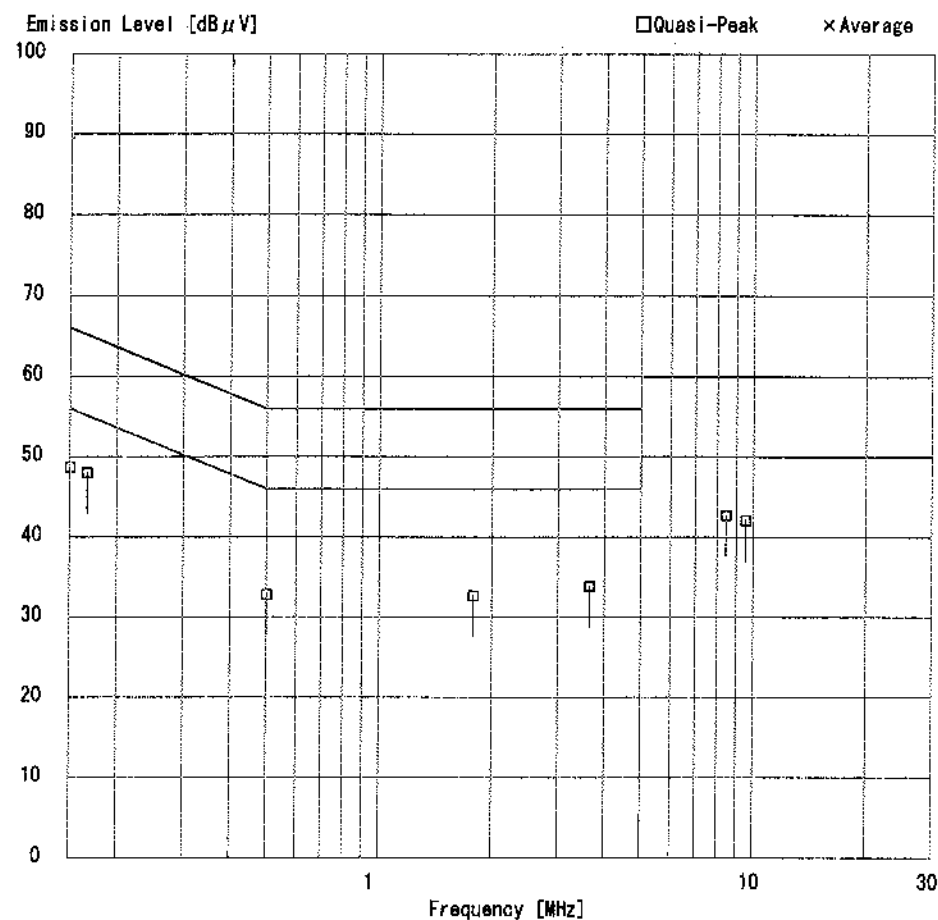
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A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : TV RECEPTION+REC
Remarks : 25dBmV
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

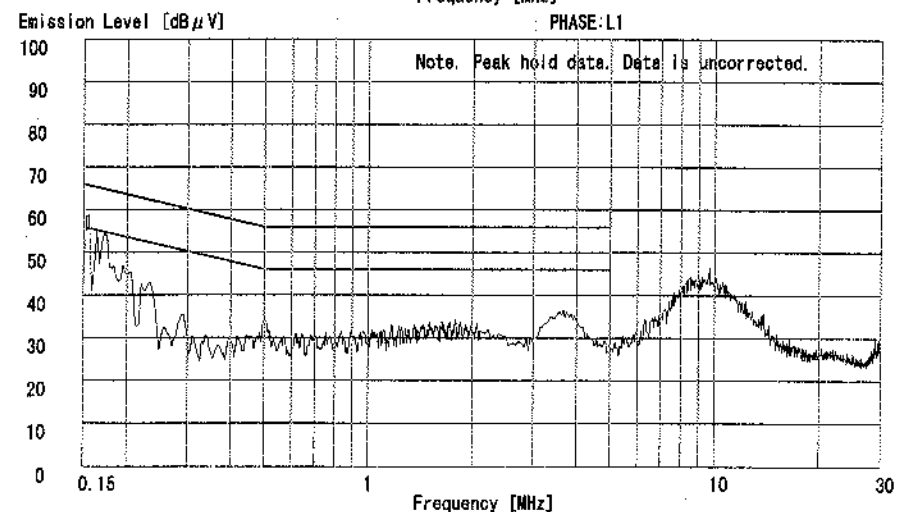
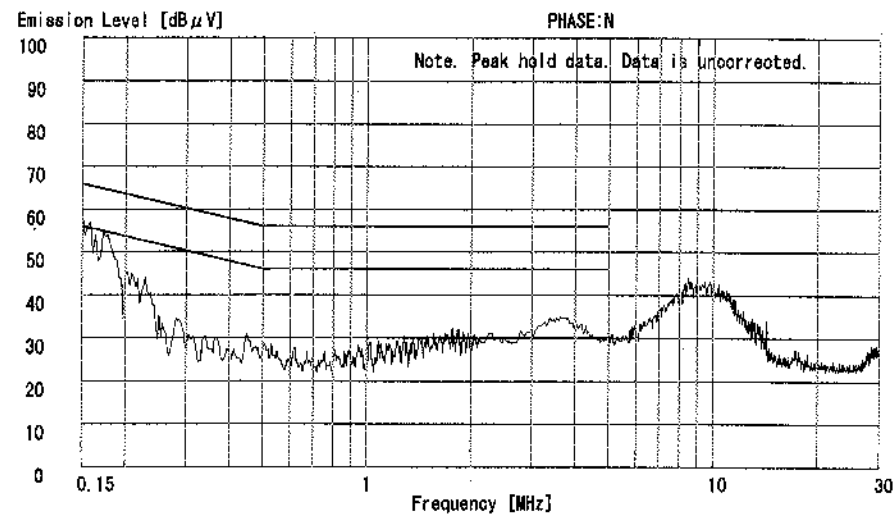


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : TV RECEPTION+REC
Remarks : 25dBmV
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation 1 : FCC Part15 CLASS B(02-157)
Regulation 2 : None

Engineer : *S. Tanaka*
Sadahiko Tanaka



DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-1)
Remarks : 1Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

No.	FREQ. [MHz]	READING (N)		READING (L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV				QP	AV	QP	AV	QP	AV
		[dBuV]		[dBuV]					[dBuV]		[dBuV]		[dB]	
1.	0.1500	48.7	-	48.3	-	0.2	0.3	0.0	49.2	-	66.0	66.0	16.8	-
2.	0.1658	47.5	-	46.2	-	0.2	0.3	0.0	48.0	-	65.2	65.2	17.2	-
3.	0.5006	25.7	-	33.0	-	0.2	0.3	0.0	33.5	-	56.0	46.0	22.5	-
4.	1.8385	29.0	-	31.7	-	0.2	0.4	0.0	32.3	-	56.0	46.0	23.7	-
5.	3.8024	33.4	-	34.0	-	0.3	0.4	0.0	34.7	-	56.0	46.0	21.3	-
6.	6.3886	41.3	-	41.9	-	0.4	0.5	0.0	42.8	-	60.0	60.0	17.2	-
7.	13.2939	38.3	-	38.9	-	0.7	0.7	0.0	40.3	-	60.0	50.0	19.7	-

CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

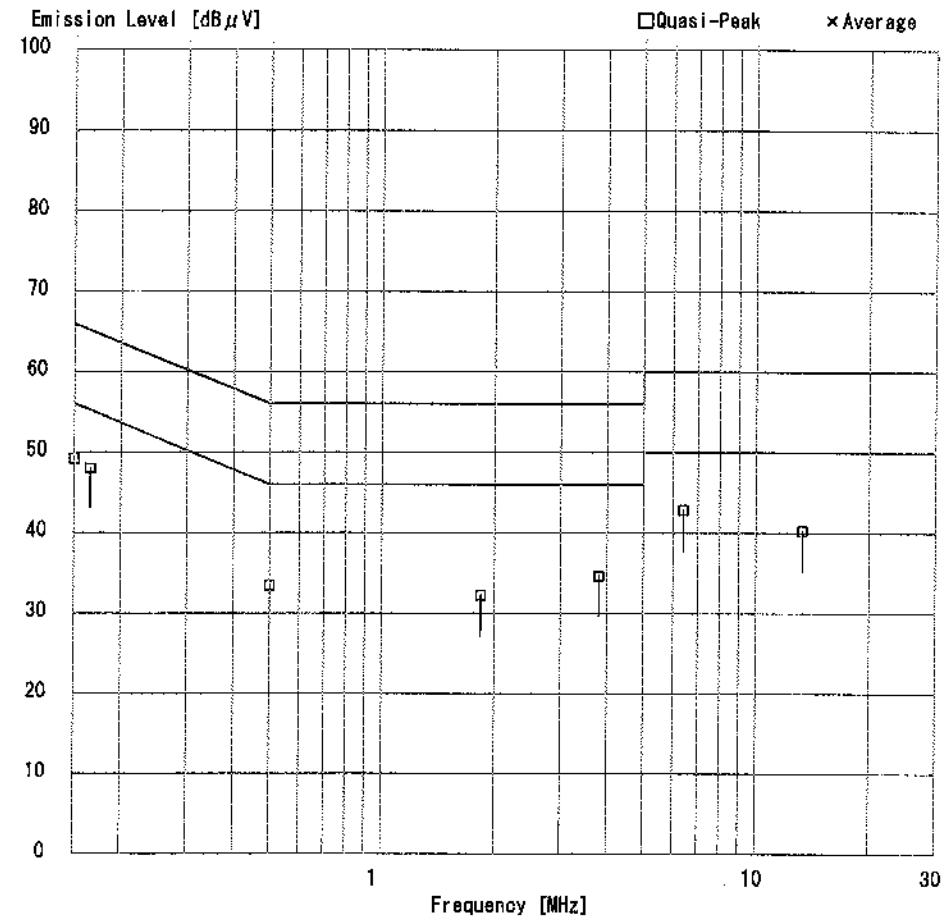
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Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-1)
Remarks : 1Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

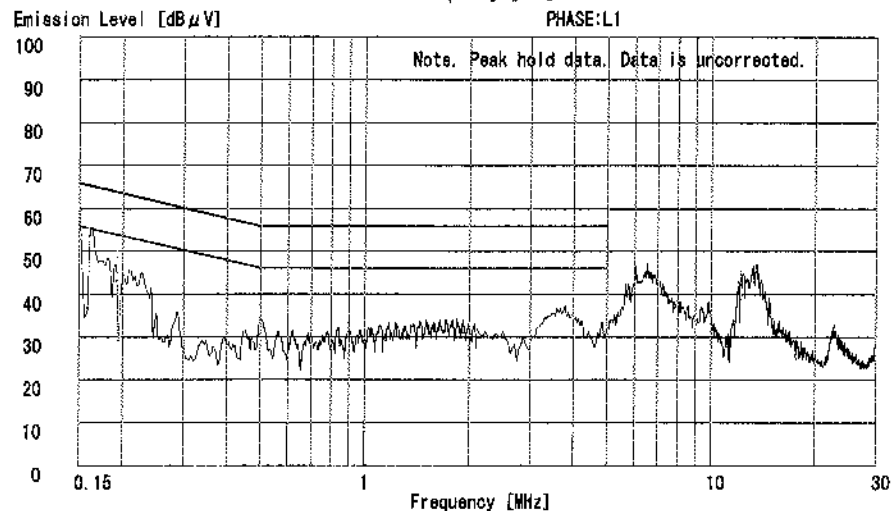
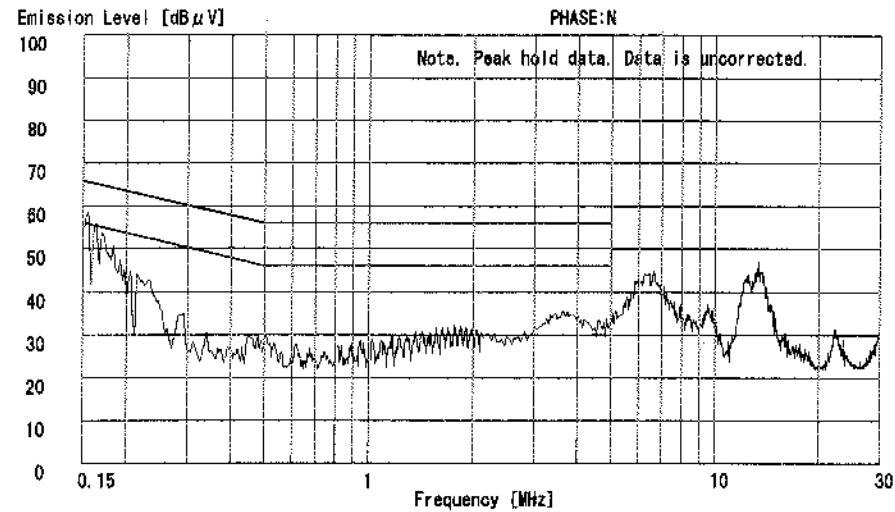


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-1)
Remarks : 1Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation 1 : FCC Part15 CLASS B(02-157)
Regulation 2 : None

Engineer : *S. Tanaka*
Sadahiko Tanaka



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Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-1)
Remarks : 5Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

No.	FREQ. [MHz]	READING(N)		READING(L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV				QP	AV	QP	AV	QP	AV
		[dBμV]		[dBμV]					[dBμV]		[dBμV]		[dB]	
1.	0.1500	48.9	-	48.6	-	0.2	0.3	0.0	49.4	-	66.0	56.0	16.6	-
2.	0.1663	47.5	-	46.5	-	0.2	0.3	0.0	48.0	-	65.1	55.1	17.1	-
3.	0.5014	26.1	-	33.2	-	0.2	0.3	0.0	33.7	-	56.0	46.0	22.3	-
4.	1.7808	30.9	-	32.5	-	0.2	0.4	0.0	33.1	-	56.0	46.0	22.9	-
5.	3.7375	35.2	-	36.5	-	0.3	0.4	0.0	37.2	-	56.0	46.0	18.8	-
6.	6.0115	40.8	-	40.7	-	0.4	0.5	0.0	41.7	-	60.0	50.0	18.3	-
7.	6.9381	43.5	-	44.2	-	0.4	0.6	0.0	45.2	-	60.0	50.0	14.8	-
8.	13.2771	38.2	-	38.9	-	0.7	0.7	0.0	40.3	-	60.0	50.0	19.7	-

CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

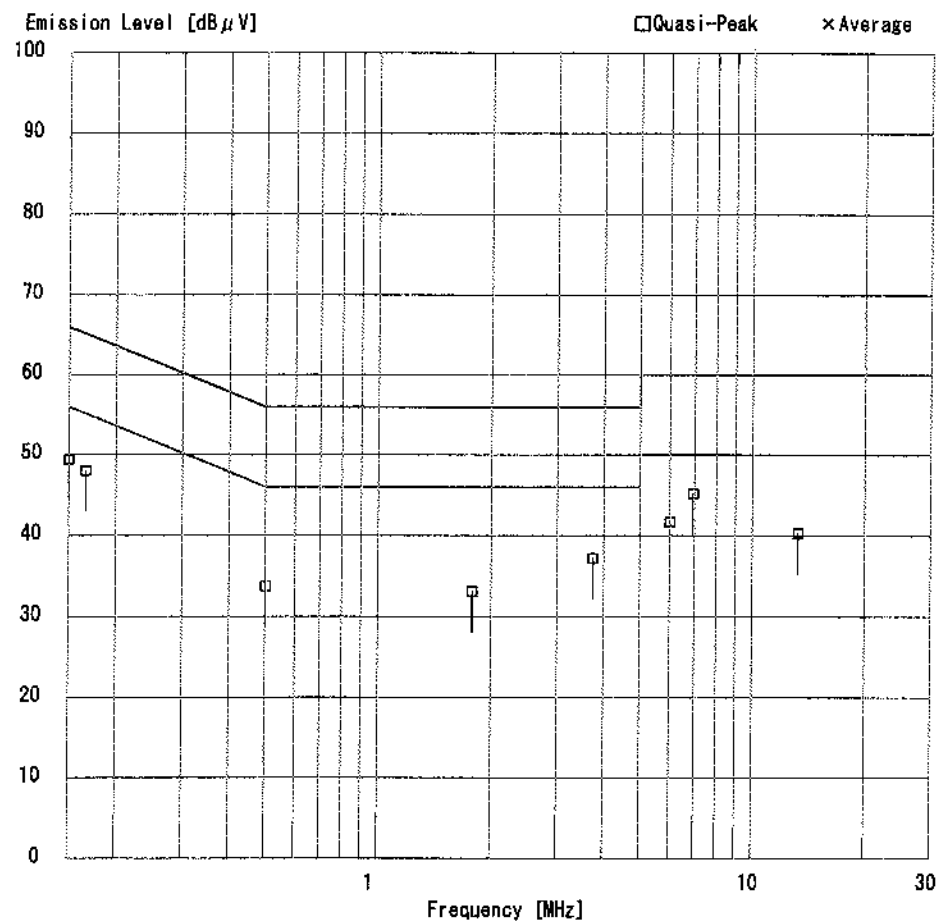
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Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-1)
Remarks : 5Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

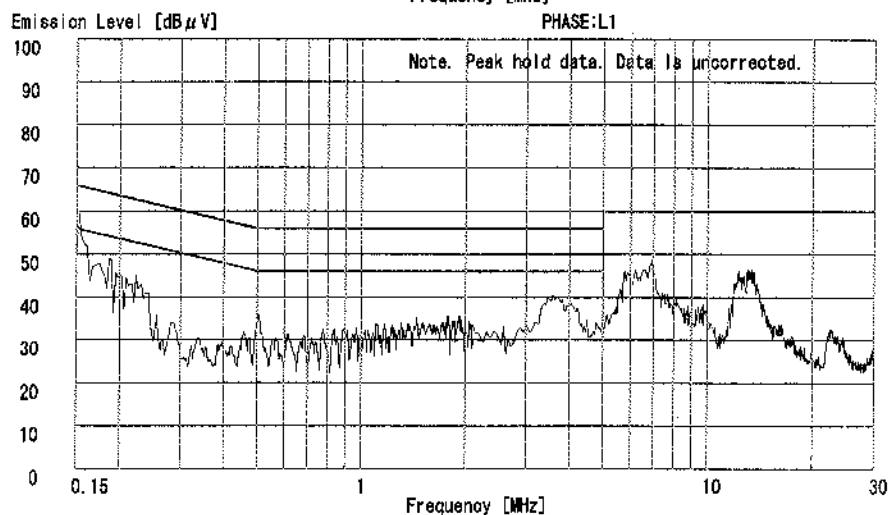
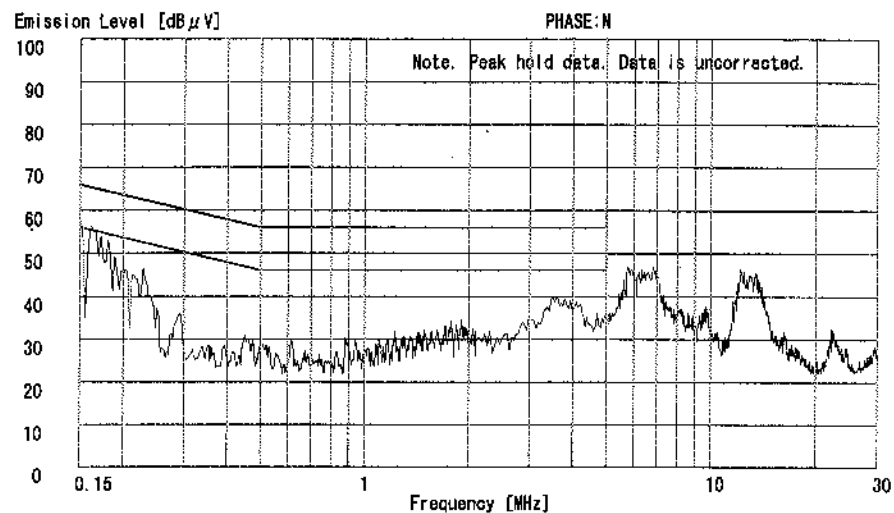


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-1)
Remarks : 5Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation 1 : FCC Part15 CLASS B(02-157)
Regulation 2 : None

Engineer : *S. Tanaka*
Sadahiko Tanaka



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A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-2)
Remarks : 1Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : Sadahiko Tanaka

No.	FREQ. [MHz]	READING(N)		READING(L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV				QP	AV	QP	AV	QP	AV
1.	0.1500	50.3	-	50.0	-	0.2	0.3	0.0	50.8	-	66.0	56.0	15.2	-
2.	0.1671	46.6	-	46.6	-	0.2	0.3	0.0	47.1	-	65.1	55.1	18.0	-
3.	0.5019	24.4	-	31.9	-	0.2	0.3	0.0	32.4	-	56.0	46.0	23.6	-
4.	1.7115	28.8	-	31.2	-	0.2	0.4	0.0	31.8	-	56.0	46.0	24.2	-
5.	3.6729	33.1	-	34.1	-	0.3	0.4	0.0	34.8	-	56.0	46.0	21.2	-
6.	6.1300	39.2	-	39.0	-	0.4	0.5	0.0	40.1	-	60.0	50.0	19.9	-
7.	6.6670	40.4	-	41.7	-	0.4	0.6	0.0	42.7	-	60.0	50.0	17.3	-
8.	13.5070	38.1	-	37.8	-	0.7	0.7	0.0	39.5	-	60.0	50.0	20.5	-

CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

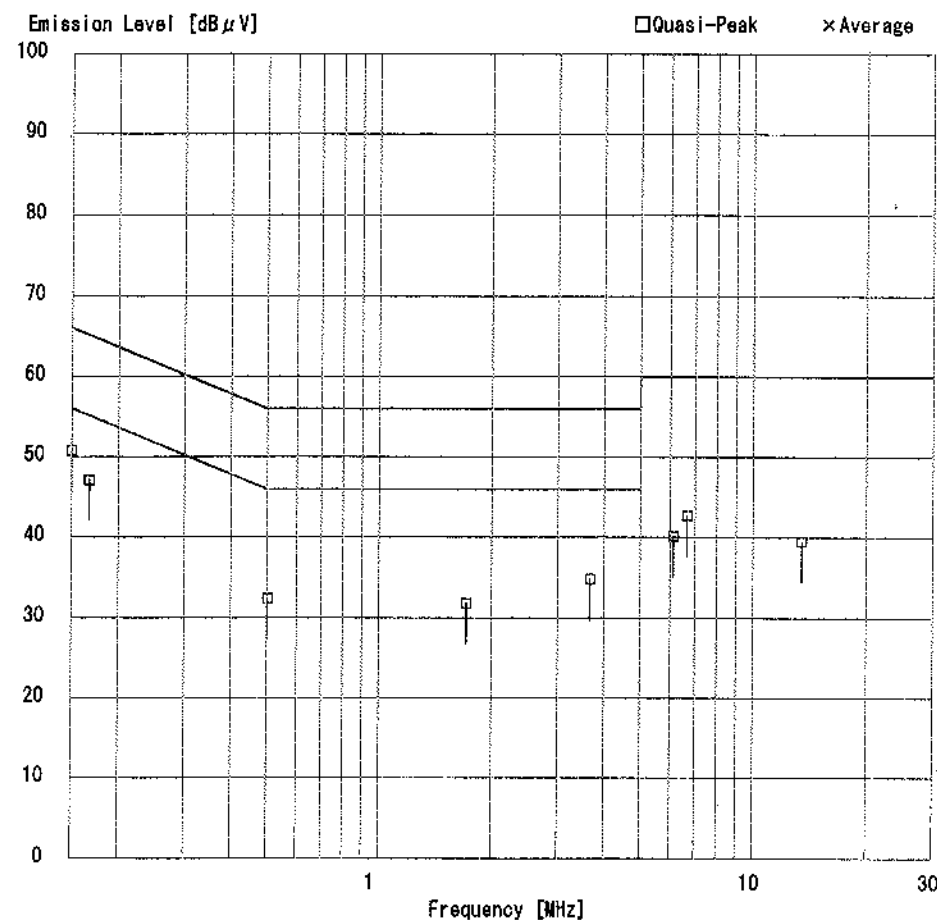
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Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-2)
Remarks : 1Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : Sadahiko Tanaka

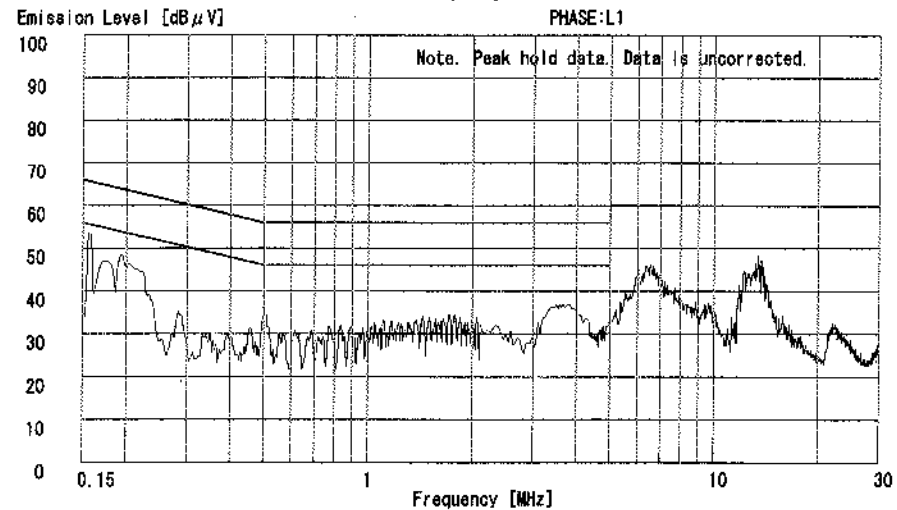
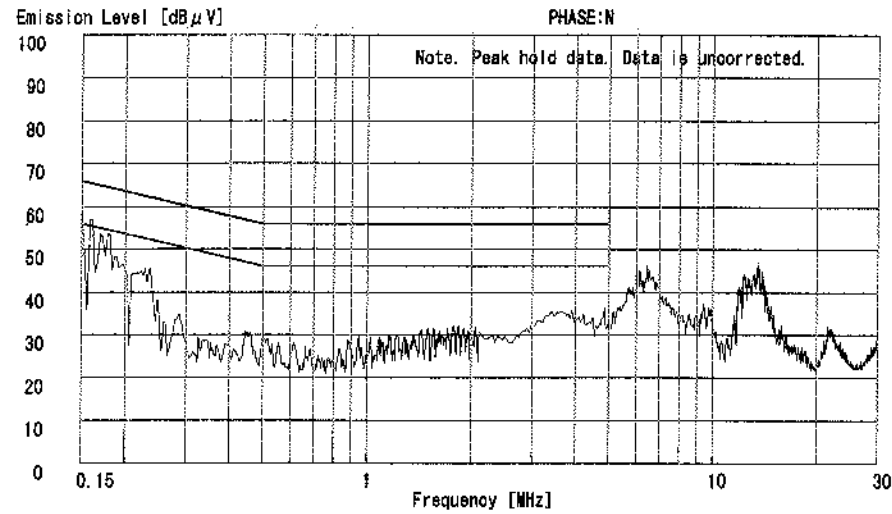


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-2)
Remarks : 1Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation 1 : FCC Part15 CLASS B (02-157)
Regulation 2 : None

Engineer : *S. Tanaka*
Sadahiko Tanaka



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Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-2)
Remarks : 5Vp-p
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Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B (02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

No.	FREQ. [MHz]	READING (N)		READING (L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV				QP	AV	QP	AV	QP	AV
1.	0.1500	50.0	-	49.2	-	0.2	0.3	0.0	50.5	-	66.0	56.0	15.5	-
2.	0.1665	46.0	-	44.9	-	0.2	0.3	0.0	46.6	-	65.1	55.1	18.6	-
3.	0.5011	24.7	-	31.6	-	0.2	0.3	0.0	32.1	-	56.0	46.0	23.9	-
4.	1.9356	30.0	-	31.6	-	0.2	0.4	0.0	32.2	-	56.0	46.0	23.8	-
5.	3.6916	34.5	-	35.7	-	0.3	0.4	0.0	36.4	-	56.0	46.0	19.6	-
6.	5.9474	43.0	-	40.5	-	0.4	0.6	0.0	43.9	-	60.0	50.0	16.1	-
7.	6.9387	41.8	-	43.0	-	0.4	0.6	0.0	44.0	-	60.0	50.0	16.0	-
8.	13.2489	37.6	-	37.9	-	0.7	0.7	0.0	39.3	-	60.0	50.0	20.7	-

CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

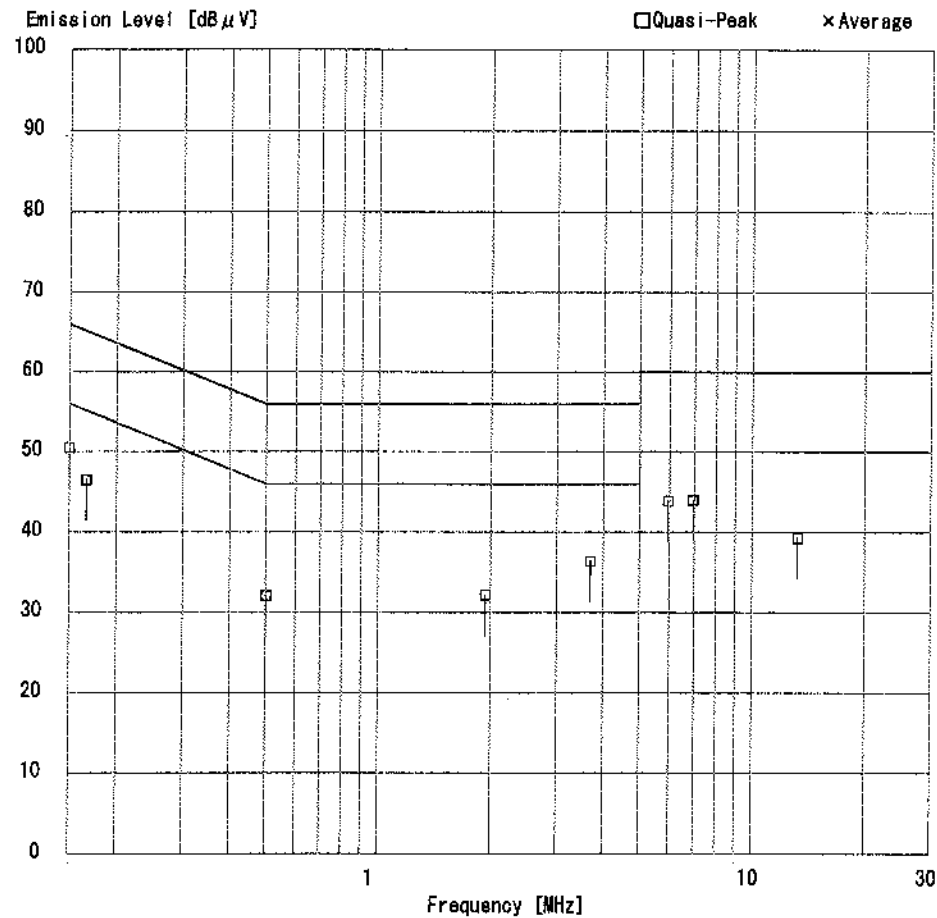
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Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-2)
Remarks : 5Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B (02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

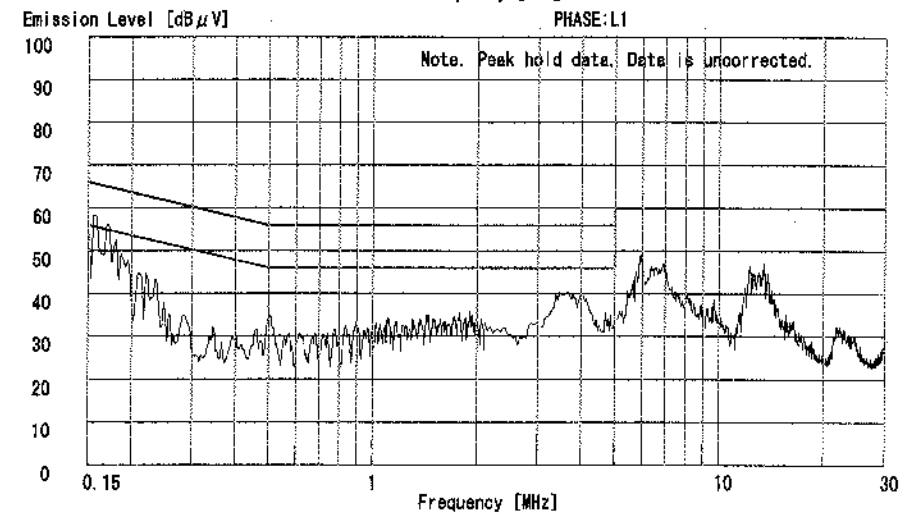
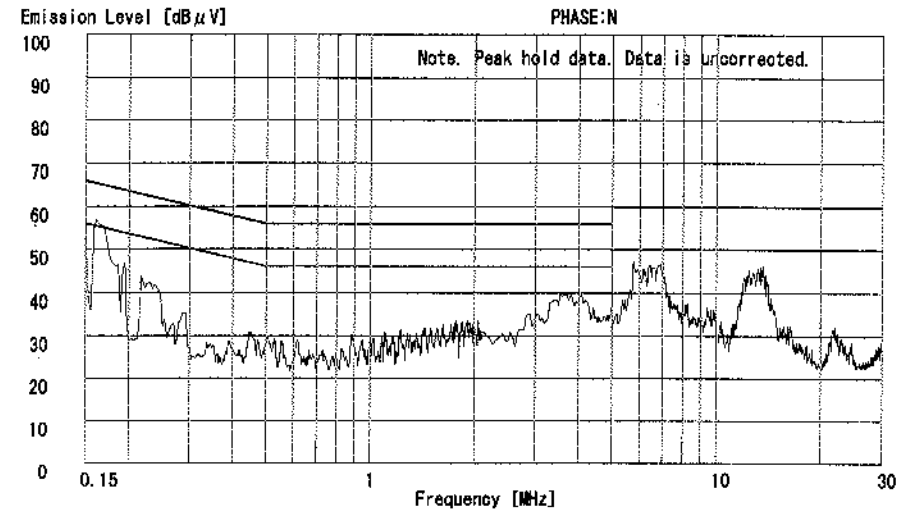


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV INPUT+REC (LINE-2)
Remarks : 5Vp-p
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation 1 : FCC Part15 CLASS B (02-157)
Regulation 2 : None

Engineer : *S. Tanaka*
Sadahiko Tanaka



DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : VCR PLAYBACK
Remarks :
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

No.	FREQ. [MHz]	READING(N)		READING(L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV				QP	AV	QP	AV	QP	AV
1.	0.1500	50.0	-	50.1	-	0.2	0.3	0.0	50.6	-	66.0	66.0	15.4	-
2.	0.1690	43.3	-	43.8	-	0.2	0.3	0.0	44.3	-	65.0	65.0	20.7	-
3.	0.5040	36.8	-	37.3	-	0.2	0.3	0.0	37.8	-	56.0	56.0	18.2	-
4.	1.1755	30.9	-	33.8	-	0.2	0.4	0.0	34.4	-	56.0	56.0	21.6	-
5.	2.1708	31.1	-	32.8	-	0.2	0.4	0.0	33.4	-	56.0	56.0	22.6	-
6.	3.5744	32.2	-	34.4	-	0.3	0.4	0.0	35.1	-	56.0	56.0	20.9	-
7.	9.8437	26.0	-	26.0	-	0.5	0.6	0.0	27.1	-	60.0	60.0	32.9	-
8.	27.3596	29.1	-	29.0	-	1.2	0.9	0.0	31.2	-	60.0	60.0	28.8	-

CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

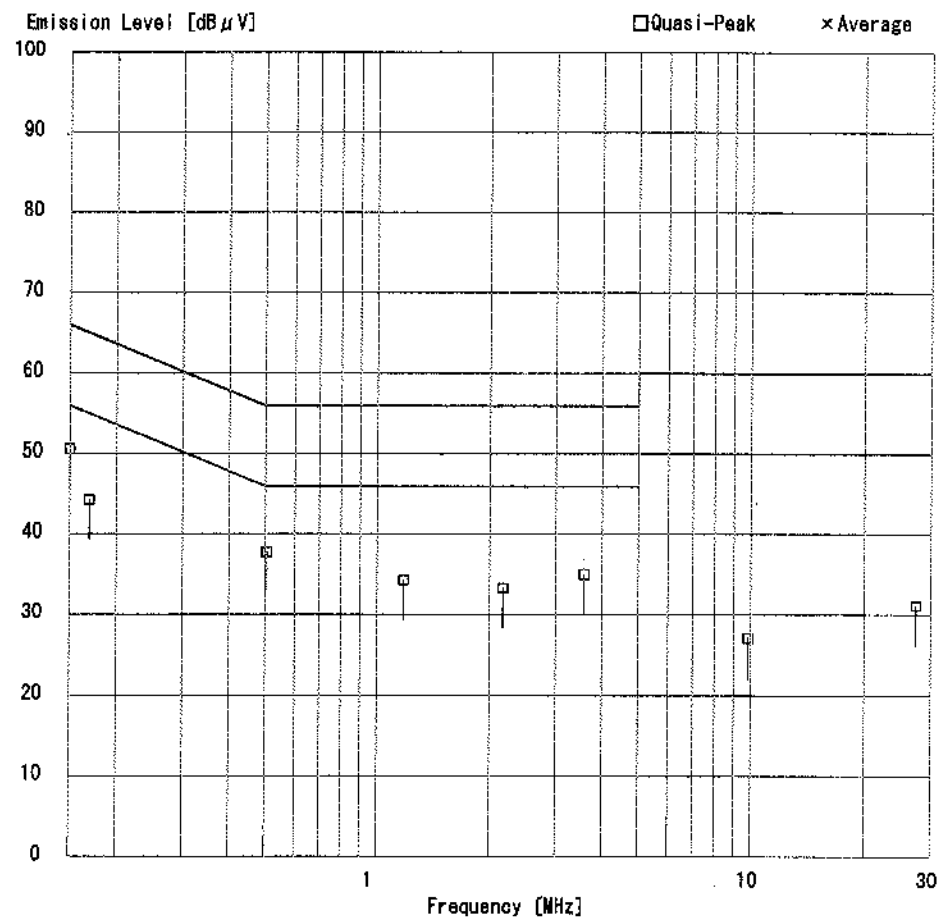
Except for the above table : adequate margin data below the limits.

DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : VCR PLAYBACK
Remarks :
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation : FCC Part15 CLASS B(02-157)

Engineer : *S. Tanaka*
Sadahiko Tanaka

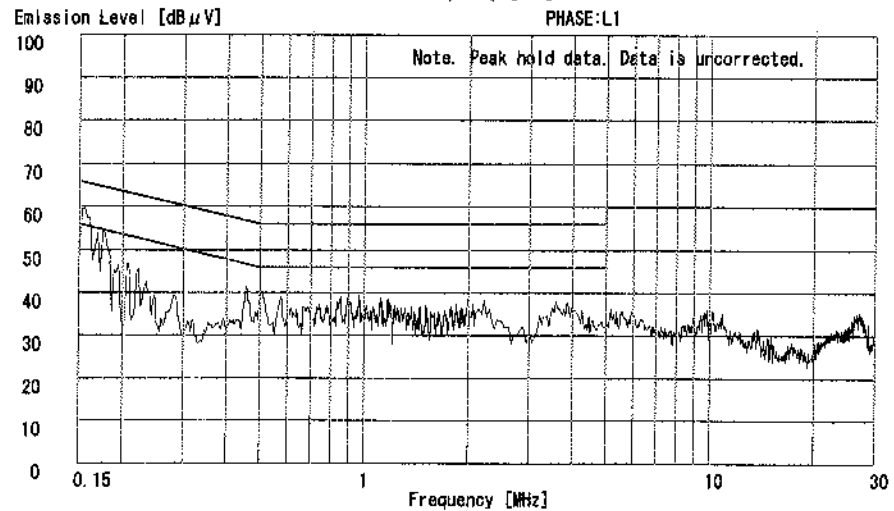
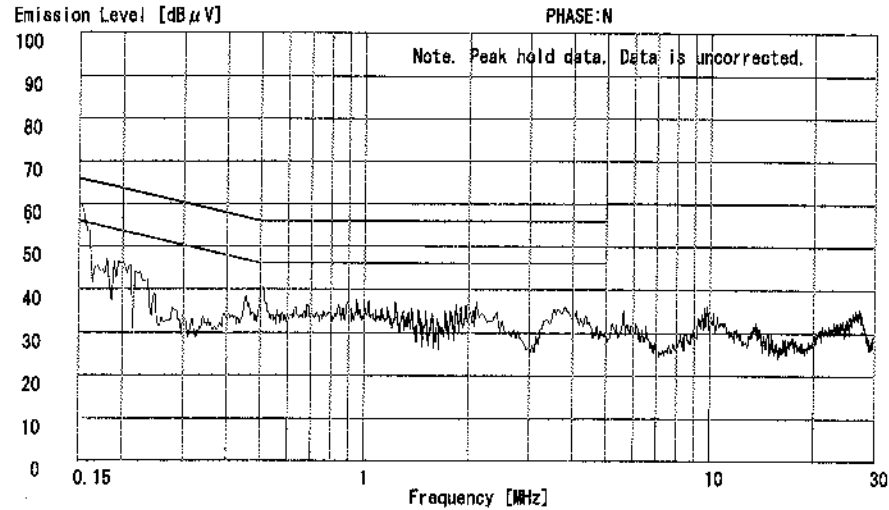


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : VCR PLAYBACK
Remarks :
Date : 10/17/2002
Phase : Single Phase
Temperature : 22 °C
Humidity : 51 %
Regulation 1 : FCC Part15 CLASS B(02-157)
Regulation 2 : None

Engineer : *S. Tanaka*
Sadahiko Tanaka



DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN TEST SITE

COMPANY : Samsung Electronics Co., Ltd.
EQUIPMENT : VIDEO CASSETTE RECORDER
MODEL No. : SLV-N700
POWER : AC120V/60Hz
DESCRIPTION : TV RECEPTION+REC

REPORT No. : 23CE0014-YW-1
REGULATION : FCC PART15 B
TEST DISTANCE : 3m
ATTENUATION : 101-847MHz 6dB
1030-1694MHz 0dB
DATE : October 04, 2002

ENGINEER : *Seigo Kakehi*
Seigo Kakehi

CH.	FREQ [MHz]	READING HOR. VER. [dBμV]	ANT TYPE	ANT. FAC. [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	RESULTS HOR. VER. [dBμV/m]	LIMIT [dBμV/m]	MARGIN HOR. VER. [dB] [dB]
VHF Fundamental									
2	101	31.5 30.0	BC	10.0	2.1	27.8	21.8 20.3	43.5	21.7 23.2
3	107	28.5 33.5	BC	10.9	2.2	27.9	19.7 24.7	43.5	23.8 18.8
4	113	28.4 31.3	BC	11.9	2.3	27.9	20.7 23.6	43.5	22.8 19.9
5	123	26.1 27.7	BC	13.2	2.3	27.9	19.7 21.3	43.5	23.8 22.2
6	129	24.7 27.5	BC	13.7	2.5	27.9	19.0 21.8	43.5	24.5 21.7
7	221	23.7 22.7	BC	16.6	3.2	27.8	21.7 20.7	46.0	24.3 25.3
8	227	23.4 22.3	BC	16.6	3.2	27.8	21.4 20.3	46.0	24.6 25.7
9	233	23.2 23.1	BC	16.7	3.2	27.7	21.4 21.3	46.0	24.6 24.7
10	239	23.1 24.1	BC	16.8	3.1	27.5	21.5 22.5	46.0	24.5 23.5
11	245	23.5 25.1	BC	16.8	3.1	27.4	22.0 23.6	46.0	24.0 22.4
12	251	22.4 25.9	BC	17.0	3.0	27.3	21.1 24.6	46.0	24.9 21.4
13	257	25.3 26.4	BC	17.3	3.2	27.4	24.4 25.5	46.0	21.6 20.5
VHF 2nd Harmonic									
2	202	22.6 22.2	BC	16.3	3.1	27.8	20.2 19.8	43.5	23.3 23.7
3	214	22.8 22.6	BC	16.5	3.2	27.8	20.7 20.5	43.5	22.8 23.0
4	226	23.6 23.5	BC	16.6	3.2	27.8	21.6 21.5	46.0	24.4 24.5
5	246	22.0 22.2	BC	16.9	3.0	27.3	20.6 20.8	46.0	25.4 25.2
6	258	22.0 22.1	BC	17.4	3.2	27.4	21.2 21.3	46.0	24.8 24.7
7	442	24.4 23.2	LP	19.0	4.8	27.9	26.3 25.1	46.0	19.7 20.9
8	454	24.0 22.8	LP	19.1	4.8	27.9	26.0 24.8	46.0	20.0 21.2
9	466	24.3 22.1	LP	19.3	4.9	27.8	26.7 24.5	46.0	19.3 21.5
10	478	24.2 22.4	LP	19.4	4.9	27.8	26.7 24.9	46.0	19.3 21.1
11	490	23.4 22.6	LP	19.5	5.1	27.9	26.1 25.3	46.0	19.9 20.7
12	502	23.2 23.0	LP	19.6	5.2	27.9	26.1 25.9	46.0	19.9 20.1
13	514	24.3 23.2	LP	19.7	5.3	27.9	27.4 26.3	46.0	18.6 19.7

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN TEST SITE

COMPANY : Samsung Electronics Co., Ltd.
EQUIPMENT : VIDEO CASSETTE RECORDER
MODEL No. : SLV-N700
POWER : AC120V/60Hz
DESCRIPTION : TV RECEPTION+REC

REPORT No. : 23CE0014-YW-1
REGULATION : FCC PART15 B
TEST DISTANCE : 3m
ATTENUATION : 101-847MHz 6dB
1030-1694MHz 0dB
DATE : October 04,2002

ENGINEER : Seigo Kakehi

CH.	FREQ	READING		ANT	ANT.	CABLE	AMP	RESULTS		LIMIT	MARGIN	
	[MHz]	HOR.	VER.	TYPE	FAC.	LOSS	GAIN	HOR.	VER.	[dBuV/m]	HOR.	VER.
		[dBuV]			[dB]	[dB]	[dB]	[dBuV/m]			[dB]	[dB]
CATV Fundamental												
1	119	24.6	27.6	BC	12.8	2.3	27.9	17.8	20.8	43.5	25.7	22.7
95	137	23.7	26.6	BC	14.4	2.5	27.9	18.7	21.6	43.5	24.8	21.9
97	149	23.9	28.3	BC	14.8	2.6	27.7	19.6	24.0	43.5	23.9	19.5
99	161	24.1	24.0	BC	15.0	2.8	27.8	20.1	20.0	43.5	23.4	23.5
14	167	24.3	25.3	BC	15.2	2.8	27.8	20.5	21.5	43.5	23.0	22.0
18	191	28.0	25.3	BC	16.0	3.0	27.8	25.2	22.5	43.5	18.3	21.0
22	215	24.8	23.0	BC	16.5	3.2	27.8	22.7	20.9	43.5	20.8	22.6
23	263	27.7	25.4	BC	17.7	3.3	27.5	27.2	24.9	46.0	18.8	21.1
29	299	28.8	25.1	BC	20.0	3.8	27.8	30.8	27.1	46.0	15.2	18.9
36	341	29.6	26.6	LP	17.4	4.5	27.9	29.6	26.6	46.0	16.4	19.4
37	347	31.5	28.9	LP	17.5	4.7	27.9	31.8	29.2	46.0	14.2	16.8
65	515	41.4	39.7	LP	19.7	5.3	27.9	44.5	42.8	46.0	1.5	3.2
94	689	26.7	27.3	LP	22.3	6.3	27.2	34.1	34.7	46.0	11.9	11.3
100	695	26.7	28.4	LP	22.4	6.3	27.1	34.3	36.0	46.0	11.7	10.0
113	773	24.7	22.9	LP	23.2	6.7	27.0	33.6	31.8	46.0	12.4	14.2
125	845	24.6	22.6	LP	24.1	7.1	27.0	34.8	32.8	46.0	11.2	13.2
CATV 2nd Harmonic												
1	238	21.9	21.9	BC	16.8	3.1	27.5	20.3	20.3	46.0	25.7	25.7
95	274	22.1	22.1	BC	18.4	3.6	27.8	22.3	22.3	46.0	23.7	23.7
97	298	22.0	21.9	BC	20.0	3.8	27.8	24.0	23.9	46.0	22.0	22.1
99	322	22.0	21.9	LP	17.0	4.0	28.0	21.0	20.9	46.0	25.0	25.1
14	334	21.9	21.8	LP	17.3	4.3	28.0	21.5	21.4	46.0	24.5	24.6
18	382	23.8	23.1	LP	18.2	4.5	27.9	24.6	23.9	46.0	21.4	22.1
22	430	23.7	23.1	LP	18.9	4.8	28.0	25.4	24.8	46.0	20.6	21.2
23	526	23.1	23.9	LP	19.8	5.4	27.8	26.5	27.3	46.0	19.5	18.7
29	598	22.1	22.8	LP	20.5	5.7	27.5	26.8	27.5	46.0	19.2	18.5
36	682	20.6	20.5	LP	22.1	6.3	27.3	27.7	27.6	46.0	18.3	18.4
37	694	20.4	20.6	LP	22.4	6.3	27.1	28.0	28.2	46.0	18.0	17.8
65	1030	41.6	39.5	HO	24.9	1.6	39.0	29.1	27.0	54.0	24.9	27.0
94	1378	40.8	44.2	HO	26.5	2.0	38.6	30.7	34.1	54.0	23.4	19.9
100	1390	42.7	42.2	HO	26.5	2.0	38.6	32.6	32.1	54.0	21.4	21.9
113	1546	42.9	42.2	HO	27.1	2.1	38.5	33.6	32.9	54.0	20.5	21.1
125	1690	41.4	41.7	HO	27.4	2.3	38.3	32.8	33.1	54.0	21.3	20.9

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN TEST SITE

COMPANY : Samsung Electronics Co., Ltd.
EQUIPMENT : VIDEO CASSETTE RECORDER
MODEL No. : SLV-N700
POWER : AC120V/60Hz
DESCRIPTION : TV RECEPTION+REC

REPORT No. : 23CE0014-YW-1
REGULATION : FCC PART15 B
TEST DISTANCE : 3m
ATTENUATION : 101-847MHz 6dB
1030-1694MHz 0dB
DATE : October 04,2002

ENGINEER : Seigo Kakehi

CH.	FREQ	READING		ANT TYPE	ANT. FAC.	CABLE LOSS	AMP GAIN	RESULTS		LIMIT	MARGIN	
	[MHz]	HOR.	VER.					[dBuV]	HOR.		VER.	[dBuV/m]
UHF Fundamental:												
14	517	41.8	36.1	LP	19.8	5.3	27.9	45.0	39.3	46.0	1.0	6.7
19	547	40.3	36.2	LP	20.0	5.6	27.7	44.2	40.1	46.0	1.8	5.9
28	601	39.0	34.4	LP	20.5	5.8	27.5	43.8	39.2	46.0	2.2	6.8
36	649	30.1	28.2	LP	21.5	6.1	27.5	36.2	34.3	46.0	9.8	11.7
44	697	30.4	27.4	LP	22.4	6.3	27.1	38.0	35.0	46.0	8.0	11.0
53	751	25.6	23.5	LP	23.0	6.7	27.2	34.1	32.0	46.0	11.9	14.0
61	799	24.2	24.4	LP	23.5	6.9	27.1	33.5	33.7	46.0	12.5	12.3
69	847	24.5	22.7	LP	24.2	7.1	27.0	34.8	33.0	46.0	11.2	13.0
UHF 2nd Harmonic												
14	1034	41.0	38.8	HO	24.9	1.6	39.0	28.5	26.3	54.0	25.5	27.7
19	1094	42.2	42.9	HO	25.2	1.7	39.0	30.1	30.8	54.0	24.0	23.2
28	1202	43.2	46.8	HO	25.7	1.8	38.8	31.9	35.5	54.0	22.1	18.5
36	1298	43.0	46.4	HO	26.1	1.9	38.7	32.3	35.7	54.0	21.7	18.4
44	1394	41.7	44.1	HO	26.5	2.0	38.6	31.6	34.0	54.0	22.4	20.0
53	1502	43.0	42.4	HO	27.0	2.1	38.5	33.6	33.0	54.0	20.4	21.0
61	1598	45.4	42.4	HO	27.2	2.2	38.4	36.4	33.4	54.0	17.6	20.6
69	1694	42.4	40.9	HO	27.4	2.3	38.3	33.8	32.3	54.0	20.2	21.7

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. : -
Power : AC120V/60Hz
Mode : TV Reception + Rec
Remarks : 25dBm
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakehi

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μV/m]	MARGIN	
			HOR [dB μV]	VER [dB μV]					HOR [dB μV/m]	VER [dB μV/m]		HOR [dB]	VER [dB]
1.	40.01	BB	24.1	37.1	14.4	28.0	1.3	6.0	17.8	30.8	40.0	22.2	9.2
2.	46.55	BB	28.9	40.4	12.1	27.9	1.3	6.0	20.4	31.9	40.0	19.6	8.1
3.	68.01	BB	43.1	43.3	6.8	27.9	1.7	6.0	29.7	29.9	40.0	10.3	10.1
4.	75.18	BB	42.8	47.1	6.3	27.9	1.8	6.0	29.0	33.3	40.0	11.0	6.7
5.	315.01	BB	33.6	35.5	16.9	27.9	3.9	6.1	32.6	34.5	46.0	13.4	11.5
6.	353.27	BB	27.6	32.0	17.7	27.9	4.7	6.0	28.1	32.5	46.0	17.9	13.5
7.	458.17	BB	24.0	29.4	19.2	27.9	4.9	6.1	26.3	31.7	46.0	19.7	14.3

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

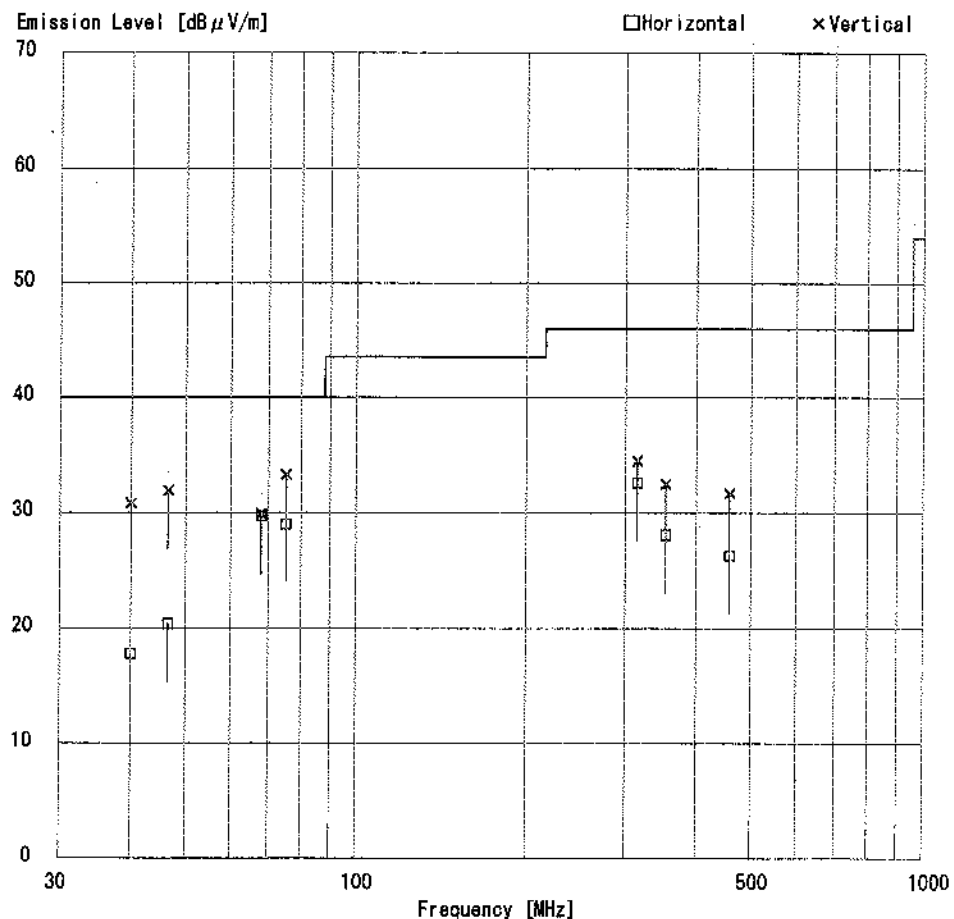
Except for the above table:adequate margin data below the limits.
ANT. TYPE: 30-300MHz Biconical, 300-1000MHz Logperiodic

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. : -
Power : AC120V/60Hz
Mode : TV Reception + Rec
Remarks : 25dBm
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakehi



DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV2 + Rec
Remarks : FRONT (5V P-P)
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakehi

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μV/m]	MARGIN	
			HOR [dB μV]	VER [dB μV]					HOR [dB μV/m]	VER [dB μV/m]		HOR [dB]	VER [dB]
1.	32.23	BB	26.6	42.7	17.0	28.0	1.4	6.1	23.1	39.2	40.0	16.9	0.8
2.	68.12	BB	43.9	49.8	6.8	27.9	1.7	6.0	30.5	36.4	40.0	9.5	3.6
3.	75.18	BB	42.7	48.8	6.3	27.9	1.8	6.0	28.9	35.0	40.0	11.1	5.0
4.	124.01	BB	31.3	35.9	13.3	27.9	2.3	6.0	25.0	29.6	43.5	18.5	13.9
5.	148.05	BB	26.0	30.9	14.8	27.8	2.6	6.0	21.6	26.5	43.5	21.9	17.0
6.	315.01	BB	36.2	23.1	16.9	27.9	3.9	6.1	35.2	22.1	46.0	10.8	23.9
7.	353.29	BB	27.6	33.2	17.7	27.9	4.7	6.0	28.1	33.7	46.0	17.9	12.3
8.	458.17	BB	22.3	27.2	19.2	27.9	4.9	6.1	24.6	29.5	46.0	21.4	16.5

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

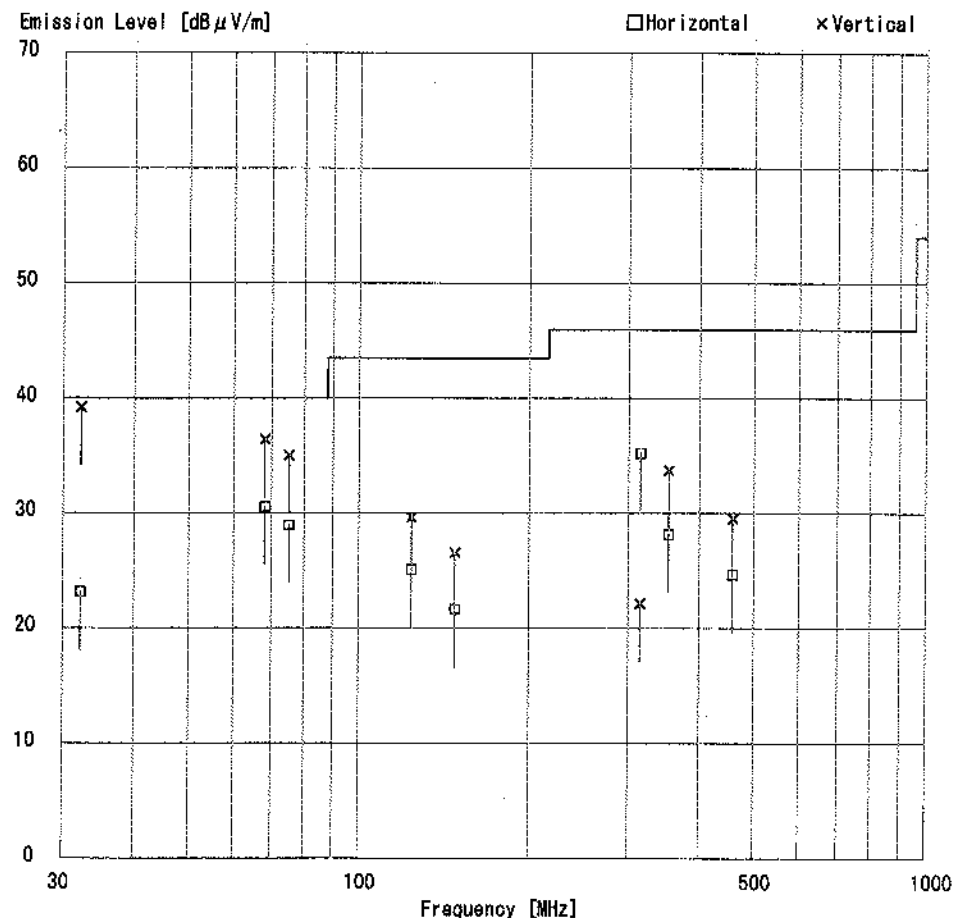
Except for the above table:adequate margin data below the limits.
ANT. TYPE: 30-300MHz Biconical, 300-1000MHz Logperiodic

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV2 + Rec
Remarks : FRONT (5V P-P)
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakehi



DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV1 + Rec
Remarks : REAR (5V P-P)
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakahi

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/μV]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μV/m]	MARGIN	
			HOR [dB μV]	VER [dB μV]					HOR [dB μV/m]	VER [dB μV/m]		HOR [dB]	VER
1.	32.23	BB	24.2	42.9	17.0	28.0	1.4	6.1	20.7	39.4	40.0	18.3	0.6
2.	68.10	BB	45.2	48.7	6.8	27.9	1.7	6.0	31.8	35.3	40.0	8.2	4.7
3.	75.18	BB	42.5	40.3	6.3	27.9	1.8	6.0	28.7	26.5	40.0	11.3	13.5
4.	124.02	BB	33.8	34.6	13.3	27.9	2.3	6.0	27.5	28.3	43.5	16.0	15.2
5.	148.03	BB	25.1	31.4	14.8	27.8	2.6	6.0	20.7	27.0	43.5	22.8	16.5
6.	316.01	BB	37.1	36.0	16.9	27.9	3.9	6.1	36.1	34.0	46.0	9.9	12.0
7.	353.29	BB	23.2	35.1	17.7	27.9	4.7	6.0	23.7	35.6	46.0	22.3	10.4
8.	458.18	BB	25.4	30.9	19.2	27.9	4.9	6.1	27.7	33.2	46.0	18.3	12.8

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

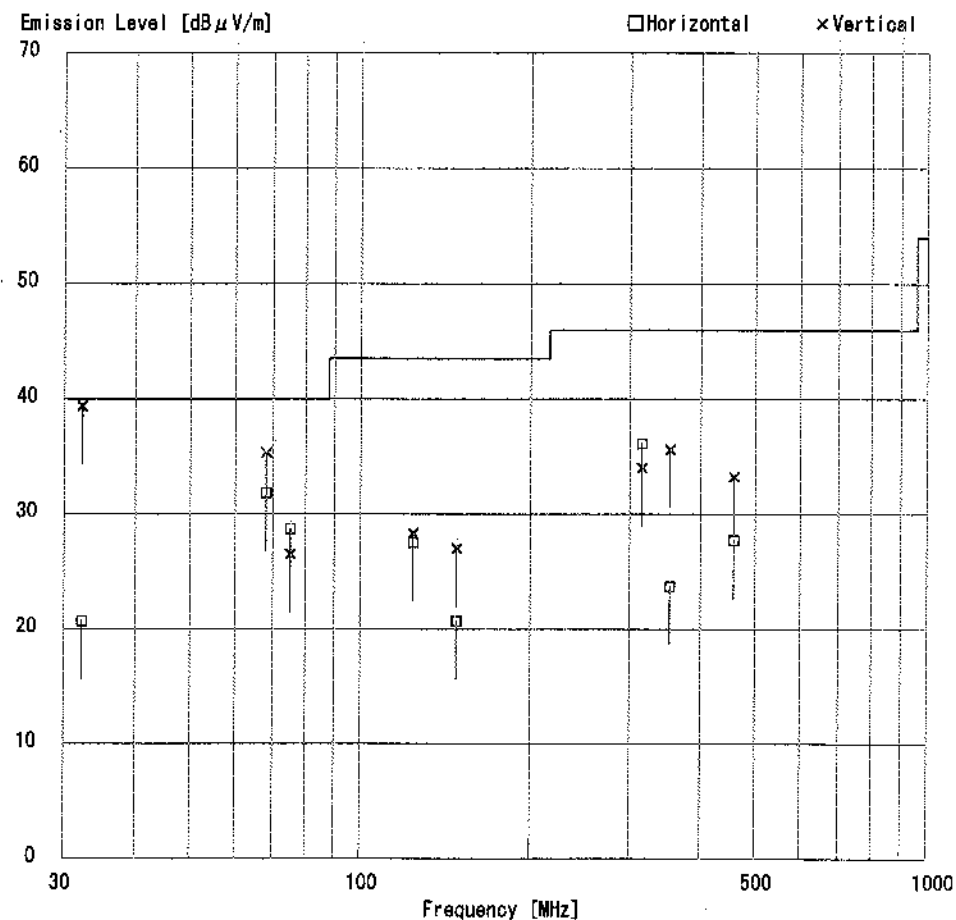
Except for the above table:adequate margin data below the limits.
ANT. TYPE: 30-300MHz Biconical, 300-1000MHz Logperiodic

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. :
Power : AC120V/60Hz
Mode : AV1 + Rec
Remarks : REAR (5V P-P)
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakahi



DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. : -
Power : AC120V/60Hz
Mode : Play Back
Remarks : Other
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakehi

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μV]	VER [dB μV]					HOR [dB μV/m]	VER [dB μV/m]	HOR [dB μV/m]	VER [dB μV/m]	HOR [dB]	VER [dB]
1.	65.51	BB	34.3	32.1	7.2	27.8	1.7	6.0	21.4	19.2	40.0	18.6	20.8	
2.	71.60	BB	34.7	34.4	6.4	27.9	1.8	6.0	21.0	20.7	40.0	19.0	19.3	
3.	104.01	BB	35.8	37.7	10.4	27.8	2.2	6.0	26.6	28.5	43.5	16.9	16.0	
4.	114.54	BB	30.9	33.3	12.1	27.9	2.3	6.0	23.4	25.8	43.5	20.1	17.7	
5.	272.04	BB	25.4	27.5	18.3	27.8	3.6	6.1	25.6	27.7	46.0	20.4	18.3	
6.	314.99	BB	26.6	24.7	16.9	27.9	3.9	6.1	25.6	23.7	46.0	20.4	22.3	
7.	353.85	BB	30.6	22.6	17.7	27.9	4.7	6.0	31.1	23.1	46.0	14.9	22.9	

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

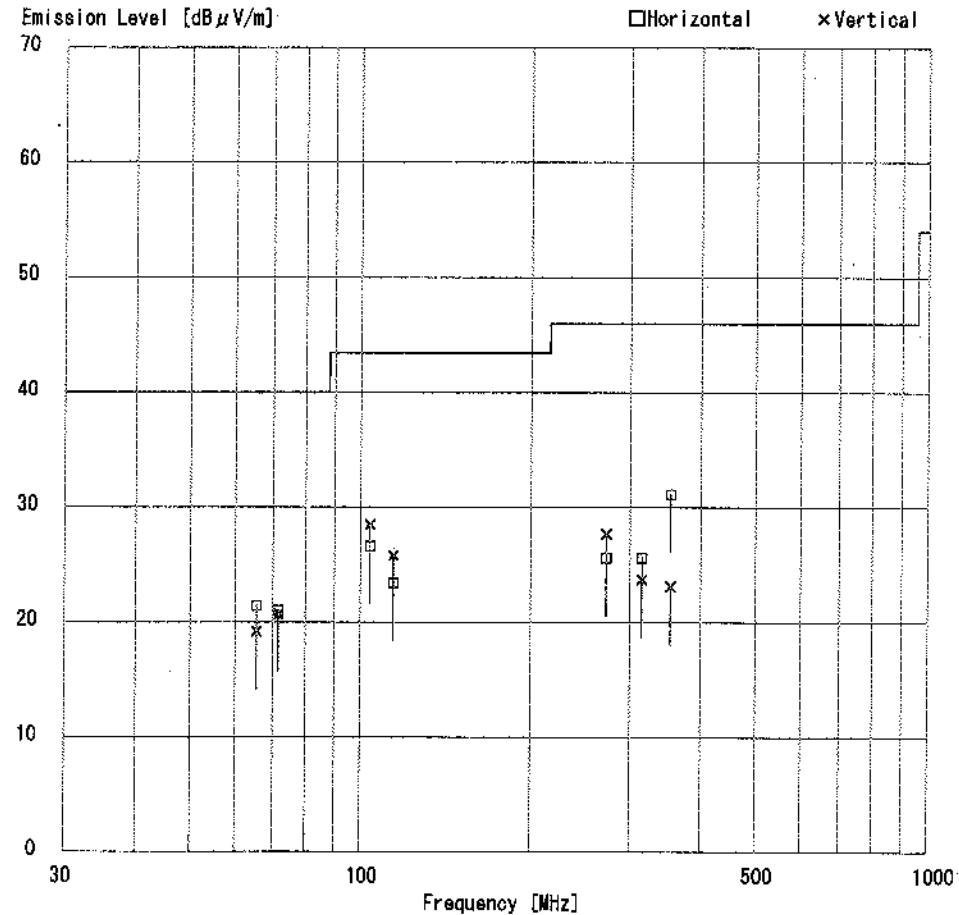
Except for the above table:adequate margin data below the limits.
ANT. TYPE: 30-300MHz Biconical, 300-1000MHz Logperiodic

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. : -
Power : AC120V/60Hz
Mode : Play Back
Remarks : Other
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakehi



DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. : -
Power : AC120V/60Hz
Mode : Maximum Operation
Remarks : Test Channel 3ch
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

Engineer : Seigo Kakehi

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μV/m]	MARGIN	
			HOR [dB μV]	VER [dB μV]					HOR [dB μV/m]	VER [dB μV/m]		HOR [dB]	VER [dB]
1.	61.25	BB	24.2	29.5	7.8	27.9	1.6	5.9	11.6	18.9	40.0	28.4	23.1
2.	65.75	BB	27.3	31.6	7.1	27.8	1.7	6.0	14.3	18.5	40.0	25.7	21.6
3.	122.50	BB	23.7	25.4	13.2	27.9	2.3	6.0	17.3	19.0	43.5	26.2	24.5
4.	245.00	BB	19.9	20.0	16.8	27.4	3.1	6.0	18.4	18.5	46.0	27.6	27.5

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

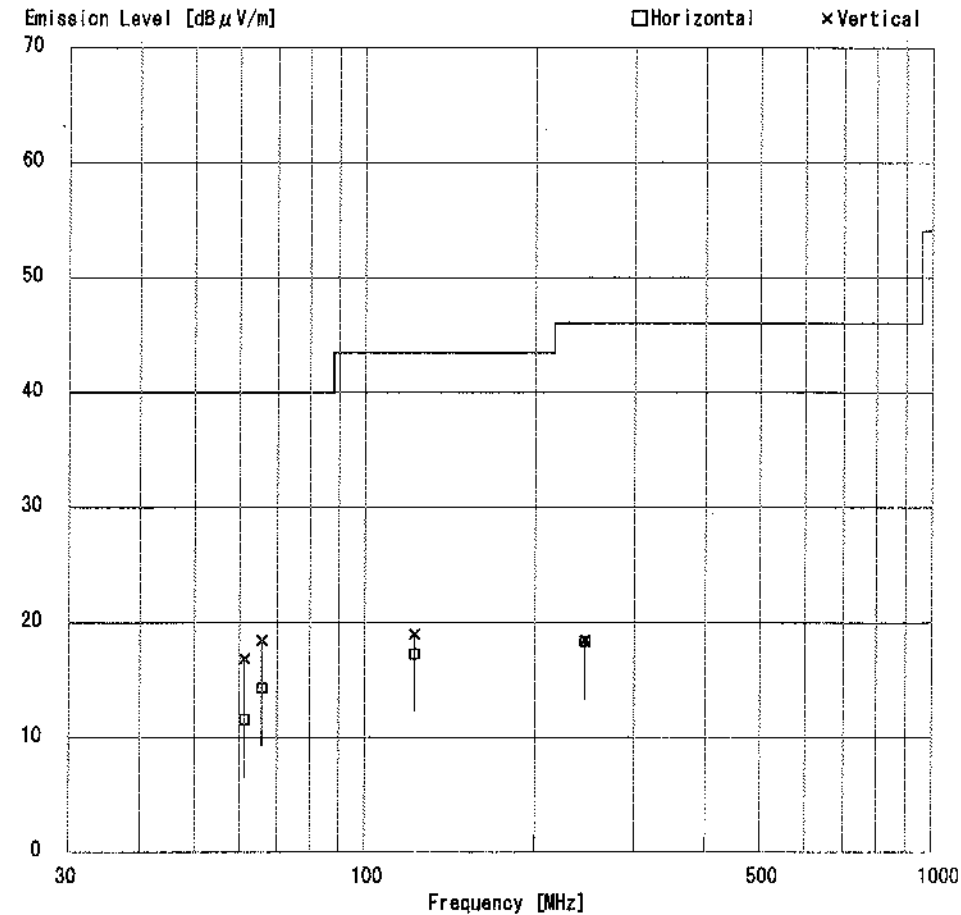
Except for the above table, adequate margin data below the limits.
ANT. TYPE: 30-300MHz Biconical, 300-1000MHz Logperiodic

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No.: 23CE0014-YW-1

Applicant : Samsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. : -
Power : AC120V/60Hz
Mode : Maximum Operation
Remarks : Test Channel 3ch
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B

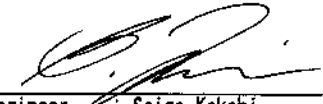
Engineer : Seigo Kakehi



DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. : -
Power : AC120V/60Hz
Mode : Maximum Operation
Remarks : Test Channel 4ch
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B


Engineer : Seigo Kakehi

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μV/m]	MARGIN	
			HOR [dB μV]	VER [dB μV]					HOR [dB μV/m]	VER [dB μV/m]		HOR [dB]	VER [dB]
1.	67.25	BB	27.3	28.6	6.9	27.9	1.7	6.0	14.0	15.3	40.0	26.0	24.7
2.	71.75	BB	29.4	29.7	6.4	27.9	1.8	6.0	15.7	16.0	40.0	24.3	24.0
3.	134.50	BB	24.0	27.0	14.2	27.9	2.5	6.0	18.8	21.8	43.5	24.7	21.7
4.	201.75	BB	22.5	22.3	16.3	27.8	3.1	6.0	20.1	19.9	43.5	23.4	23.6

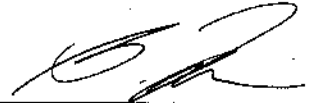
CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

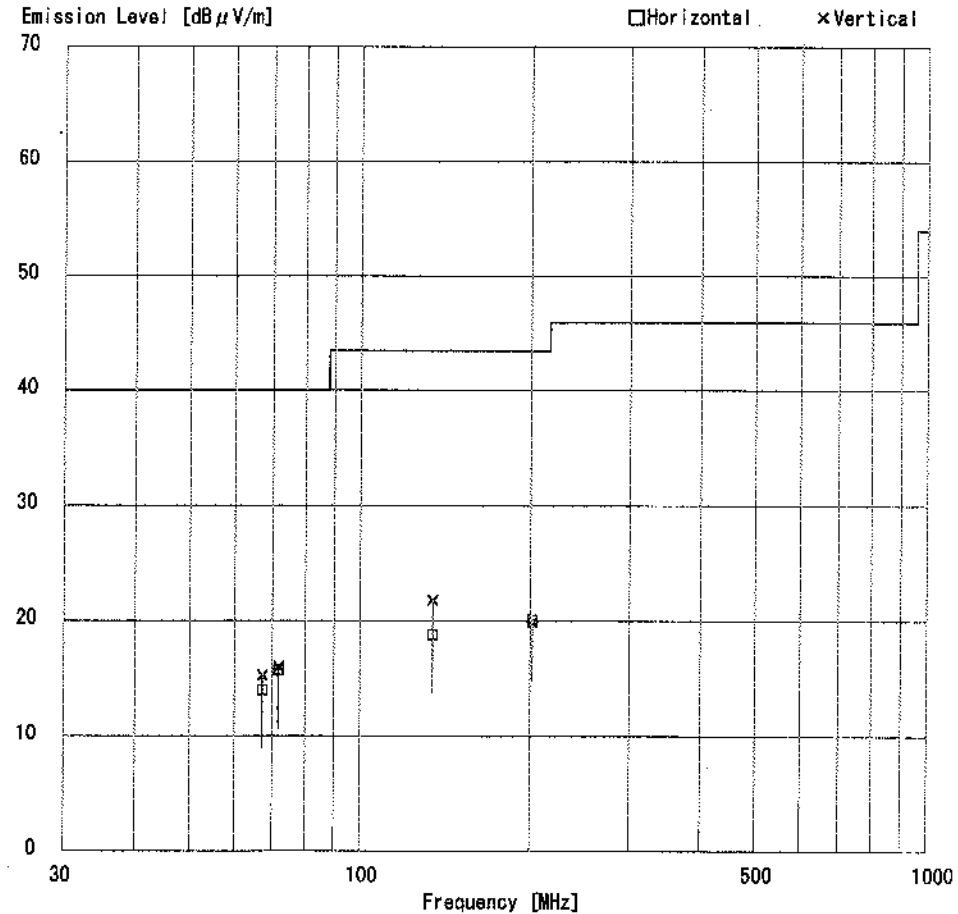
Except for the above table:adequate margin data below the limits.
ANT. TYPE: 30-300MHz Biconical, 300-1000MHz Logperiodic

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 23CE0014-YW-1

Applicant : Sumsung Electronics Co., Ltd.
Kind of Equipment : VCR
Model No. : SLV-N700
Serial No. : -
Power : AC120V/60Hz
Mode : Maximum Operation
Remarks : Test Channel 4ch
Date : 10/4/2002
Test Distance : 3 m
Temperature : 25 °C
Humidity : 46 %
Regulation : FCC Part15B CLASS B


Engineer : Seigo Kakehi



DATA OF ANTENNA TERMINAL TEST

YOKOWA NO.3 OPEN TEST SITE S/R
Date : 2002/10/18 20:01:20

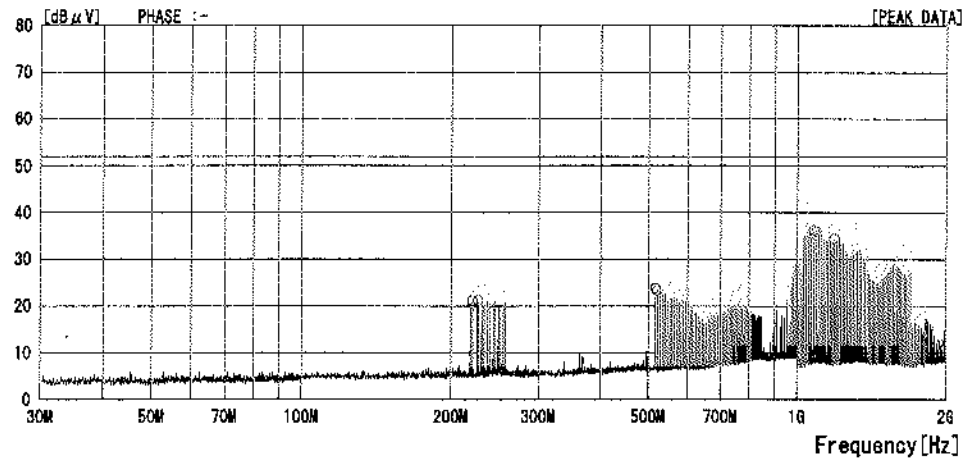
APPLICANT : Samsung Electronics Co.,Lt
MODEL NO. : SLV-N700
POWER : AC120V/60Hz
MODE : TUNING

REPORT NO. : 23CE0014-YW-1
TEMP./HUM. : 24°C/63%
REGULATION : FCC 15B SUBPART B
ENGINEER : Sadahiko Tanaka

REMARKS : TV MODE

LIMIT : FCC 15B ANTENNA TERMINAL

S. Tanaka



NO	FREQ [MHz]	READING(PK) [dB μV]	C.F [dB]	RESULT [dB μV]	LIMIT QP [dB μV]	AV [dB μV]	MARGIN QP [dB]	AV [dB]	PHASE
1	220.99800	38.8	-17.8	21.0	52.0	---	31.0	---	-
2	226.99800	38.9	-17.8	21.1	52.0	---	30.9	---	-
3	517.19702	39.9	-16.2	23.7	52.0	---	28.3	---	-
4	521.59898	39.4	-16.2	23.2	52.0	---	28.8	---	-
5	1081.50000	59.3	-23.2	36.1	52.0	---	15.9	---	-
6	1093.50000	59.0	-23.0	36.0	52.0	---	16.0	---	-
7	1190.00000	57.5	-23.2	34.3	52.0	---	17.7	---	-

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dB μV] + CABLE LOSS[dB μV] + AMP. GAIN[dB μV]

DATA OF ANTENNA TERMINAL TEST

YOKOWA NO.3 OPEN TEST SITE S/R
Date : 2002/10/18 19:57:40

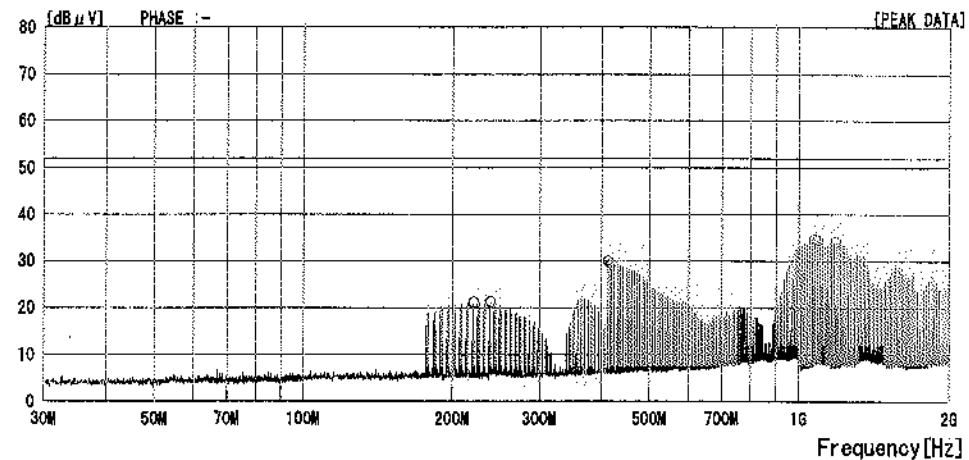
APPLICANT : Samsung Electronics Co.,Lt
MODEL NO. : SLV-N700
POWER : AC120V/60Hz
MODE : TUNING

REPORT NO. : 23CE0014-YW-1
TEMP./HUM. : 24°C/63%
REGULATION : FCC 15B SUBPART B
ENGINEER : Sadahiko Tanaka

REMARKS : CATV MODE

LIMIT : FCC 15B ANTENNA TERMINAL

S. Tanaka



NO	FREQ [MHz]	READING(PK) [dB μV]	C.F [dB]	RESULT [dB μV]	LIMIT QP [dB μV]	AV [dB μV]	MARGIN QP [dB]	AV [dB]	PHASE
1	220.99800	39.0	-17.8	21.2	52.0	---	30.8	---	-
2	239.19600	38.7	-17.4	21.3	52.0	---	30.7	---	-
3	412.79800	46.6	-16.6	30.0	52.0	---	22.0	---	-
4	418.79800	45.9	-16.5	29.4	52.0	---	22.6	---	-
5	1077.00000	58.0	-23.3	34.7	52.0	---	17.3	---	-
6	1089.50000	57.5	-23.1	34.4	52.0	---	17.6	---	-
7	1186.00000	57.2	-23.2	34.0	52.0	---	18.0	---	-

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dB μV] + CABLE LOSS[dB μV] + AMP. GAIN[dB μV]



RF output level

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LAB.

Company : Samsung Electronics Co., Ltd. Report Number : 23CE0014-YW-1
Equipment : Video Cassette Recorder Regulation : FCC Part 15 Subpart B
Model number : SLV-N700 Date : October 16, 2002
Power : AC 120 V / 60 Hz
Description : TV reception + Rec. mode (0 dBmV)

Engineer : Hisayuki Kioka

Video signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	61.25	84.4	20.4	64.0	69.5	5.5
4	67.25	84.8	20.4	64.4	69.5	5.1

Audio signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	56.75	72.6	20.4	52.2	56.5	4.3
	65.75	71.0	20.4	50.6	56.5	5.9
4	62.75	72.0	20.4	51.6	56.5	4.9
	71.75	70.9	20.4	50.5	56.5	6.0



RF output level

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LAB.

Company : Samsung Electronics Co., Ltd. Report Number : 23CE0014-YW-1
Equipment : Video Cassette Recorder Regulation : FCC Part 15 Subpart B
Model number : SLV-N700 Date : October 16, 2002
Power : AC 120 V / 60 Hz
Description : TV reception + Rec. mode (25 dBmV)

Engineer : Hisayuki Kioka

Video signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	61.25	86.9	20.4	66.5	69.5	3.0
4	67.25	86.2	20.4	65.8	69.5	3.7

Audio signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	56.75	72.5	20.4	52.1	56.5	4.4
	65.75	71.7	20.4	51.3	56.5	5.2
4	62.75	72.2	20.4	51.8	56.5	4.7
	71.75	71.0	20.4	50.6	56.5	5.9



RF output level

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LAB.

Company : Samsung Electronics Co., Ltd. Report Number : 23CE0014-YW-1
Equipment : Video Cassette Recorder Regulation : FCC Part 15 Subpart B
Model number : SLV-N700 Date : October 16, 2002
Power : AC 120 V / 60 Hz
Description : AV input + Rec. mode (Line-1: 1 Vp-p)

Engineer

: Hisayuki Kioka

Video signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	61.25	84.5	20.4	64.1	69.5	5.4
4	67.25	86.1	20.4	65.7	69.5	3.8

Audio signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	56.75	72.5	20.4	52.1	56.5	4.4
	65.75	71.9	20.4	51.5	56.5	5.0
4	62.75	71.2	20.4	50.8	56.5	5.7
	71.75	71.5	20.4	51.1	56.5	5.4



RF output level

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LAB.

Company : Samsung Electronics Co., Ltd. Report Number : 23CE0014-YW-1
Equipment : Video Cassette Recorder Regulation : FCC Part 15 Subpart B
Model number : SLV-N700 Date : October 16, 2002
Power : AC 120 V / 60 Hz
Description : AV input + Rec. mode (Line-1: 5 Vp-p)

Engineer

: Hisayuki Kioka

Video signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	61.25	85.9	20.4	65.5	69.5	4.0
4	67.25	85.8	20.4	65.4	69.5	4.1

Audio signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	56.75	72.5	20.4	52.1	56.5	4.4
	65.75	71.9	20.4	51.5	56.5	5.0
4	62.75	72.2	20.4	51.8	56.5	4.7
	71.75	71.2	20.4	50.8	56.5	5.7



RF output level

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LAB.

Company : Samsung Electronics Co., Ltd. Report Number : 23CE0014-YW-1
Equipment : Video Cassette Recorder Regulation : FCC Part 15 Subpart B
Model number : SLV-N700 Date : October 16, 2002
Power : AC 120 V / 60 Hz
Description : AV input + Rec. mode (Line-2: 1 Vp-p)

Engineer : Hisayuki Kioka

Video signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	61.25	86.5	20.4	66.1	69.5	3.4
4	67.25	84.7	20.4	64.3	69.5	5.2

Audio signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	56.75	72.8	20.4	52.4	56.5	4.1
	65.75	72.0	20.4	51.6	56.5	4.9
4	62.75	72.4	20.4	52.0	56.5	4.5
	71.75	71.0	20.4	50.6	56.5	5.9



RF output level

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LAB.

Company : Samsung Electronics Co., Ltd. Report Number : 23CE0014-YW-1
Equipment : Video Cassette Recorder Regulation : FCC Part 15 Subpart B
Model number : SLV-N700 Date : October 16, 2002
Power : AC 120 V / 60 Hz
Description : AV input + Rec. mode (Line-2: 5 Vp-p)

Engineer : Hisayuki Kioka

Video signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	61.25	84.2	20.4	63.8	69.5	5.7
4	67.25	83.7	20.4	63.3	69.5	6.2

Audio signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	56.75	72.4	20.4	52.0	56.5	4.5
	65.75	71.7	20.4	51.3	56.5	5.2
4	62.75	72.3	20.4	51.9	56.5	4.6
	71.75	70.9	20.4	50.5	56.5	6.0



RF output level

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LAB.

Company : Samsung Electronics Co., Ltd.
Equipment : Video Cassette Recorder
Model number : SLV-N700
Power : AC 120 V / 60 Hz
Description : VCR playback mode

Report Number : 23CE0014-YW-1
Regulation : FCC Part 15 Subpart B
Date : October 16, 2002

Engineer : Hisayuki Kioka

Video signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	61.25	86.5	20.4	66.1	69.5	3.4
4	67.25	86.0	20.4	65.6	69.5	3.9

Audio signal

Ch.	Frequency [MHz]	Meter reading [dBuV]	Correction factor [dB]	Result [dB]	Limits [dBuV]	Margin [dB]
3	56.75	72.4	20.4	52.0	56.5	4.5
	65.75	71.5	20.4	51.1	56.5	5.4
4	62.75	71.9	20.4	51.5	56.5	5.0
	71.75	71.0	20.4	50.6	56.5	5.9

DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

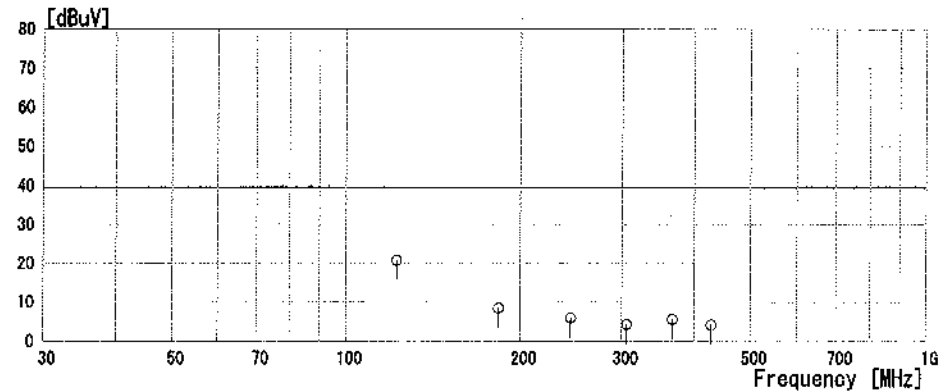
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : TV RECEPTION+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 0dBmV INPUT
REMARKS 2 : SCH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING QP [dBuV]	AV [dB]	C. FACTOR [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	122.500	42.7	---	-21.9	20.8	---	39.5	---	18.7	---
2	183.750	30.5	---	-22.0	8.5	---	39.5	---	31.0	---
3	245.000	27.9	---	-22.0	5.9	---	39.5	---	33.6	---
4	306.250	26.2	---	-22.0	4.2	---	39.5	---	35.3	---
5	367.500	27.8	---	-22.3	5.5	---	39.5	---	34.0	---
6	428.750	25.9	---	-21.7	4.2	---	39.5	---	35.3	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOHA EMC LABORATORY

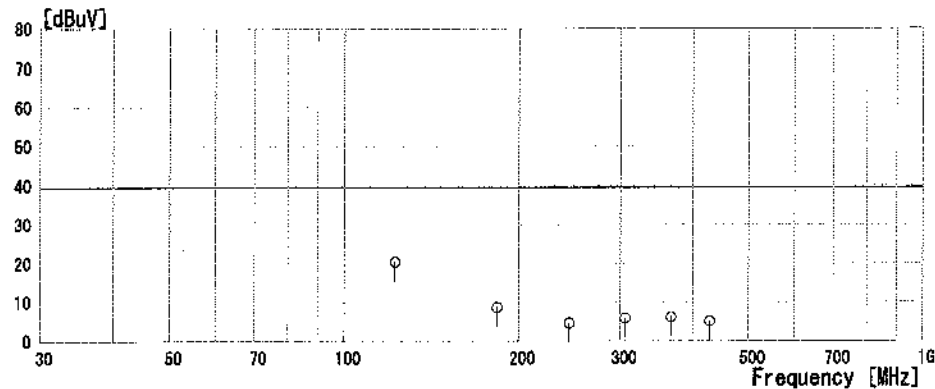
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : TV RECEPTION+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 25dBmV INPUT
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP	AV		QP	AV	QP	AV	QP	AV
		[dBuV]			[dBuV]		[dBuV]		[dB]	
1	122.500	42.3	---	-21.9	20.4	---	39.5	---	19.1	---
2	183.750	30.7	---	-22.0	8.7	---	39.5	---	30.8	---
3	245.000	26.6	---	-22.0	4.6	---	39.5	---	34.9	---
4	306.250	27.8	---	-22.0	5.8	---	39.5	---	33.7	---
5	367.500	28.4	---	-22.3	6.1	---	39.5	---	33.4	---
6	428.750	26.8	---	-21.7	5.1	---	39.5	---	34.4	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOHA EMC LABORATORY

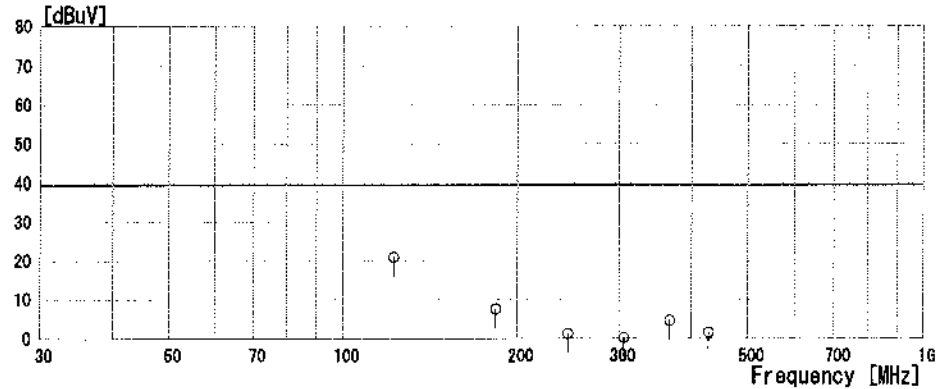
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 1Vp-p INPUT (LINE-1)
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP	AV		QP	AV	QP	AV	QP	AV
		[dBuV]			[dBuV]		[dBuV]		[dB]	
1	122.500	42.9	---	-21.9	21.0	---	39.5	---	18.5	---
2	183.750	29.7	---	-22.0	7.7	---	39.5	---	31.8	---
3	245.000	23.3	---	-22.0	1.3	---	39.5	---	38.2	---
4	306.250	22.2	---	-22.0	0.2	---	39.5	---	39.3	---
5	367.500	26.9	---	-22.3	4.6	---	39.5	---	34.9	---
6	428.750	23.4	---	-21.7	1.7	---	39.5	---	37.8	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOMA EMC LABORATORY

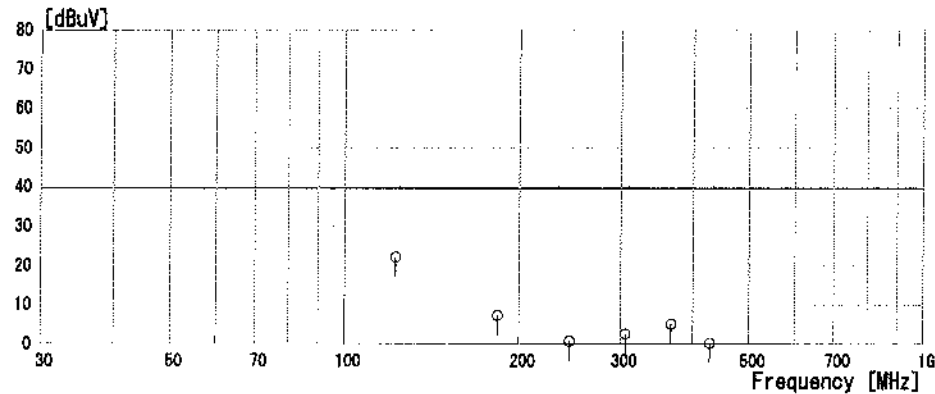
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 5Vp-p INPUT (LINE-1)
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kikaka

No.	FREQ [MHz]	READING QP [dBuV]	AV [dB]	C. FACTOR [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	122.500	44.0	---	-21.9	22.1	---	39.5	---	17.4	---
2	183.750	29.3	---	-22.0	7.3	---	39.5	---	32.2	---
3	245.000	22.7	---	-22.0	0.7	---	39.5	---	38.8	---
4	306.250	24.5	---	-22.0	2.5	---	39.5	---	37.0	---
5	367.500	27.3	---	-22.3	5.0	---	39.5	---	34.5	---
6	428.750	21.9	---	-21.7	0.2	---	39.5	---	39.3	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOMA EMC LABORATORY

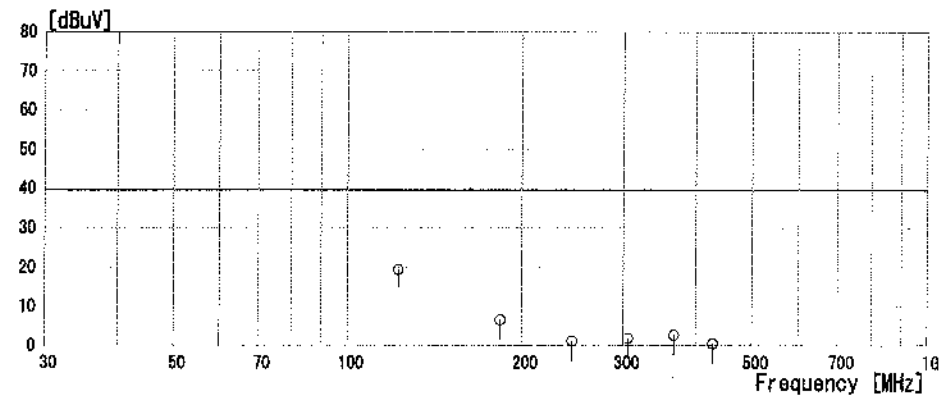
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 1Vp-p INPUT (LINE-2)
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kikaka

No.	FREQ [MHz]	READING QP [dBuV]	AV [dB]	C. FACTOR [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	122.500	41.3	---	-21.9	19.4	---	39.5	---	20.1	---
2	183.750	28.6	---	-22.0	6.6	---	39.5	---	32.9	---
3	245.000	23.2	---	-22.0	1.2	---	39.5	---	38.3	---
4	306.250	23.8	---	-22.0	1.8	---	39.5	---	37.7	---
5	367.500	24.9	---	-22.3	2.6	---	39.5	---	36.9	---
6	428.750	22.2	---	-21.7	0.5	---	39.5	---	39.0	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

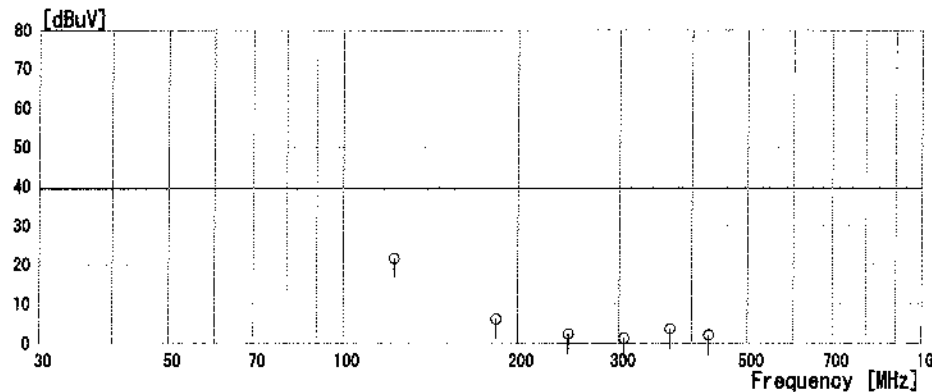
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE: AV INPUT+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 5Vp-p INPUT (LINE-2)
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP	AV		QP	AV	QP	AV	QP	AV
		[dBuV]			[dBuV]		[dBuV]		[dB]	
1	122.500	43.5	---	-21.9	21.6	---	39.5	---	17.9	---
2	183.750	28.3	---	-22.0	6.3	---	39.5	---	33.2	---
3	245.000	24.4	---	-22.0	2.4	---	39.5	---	37.1	---
4	306.250	23.3	---	-22.0	1.3	---	39.5	---	38.2	---
5	367.500	26.0	---	-22.3	3.7	---	39.5	---	35.8	---
6	428.750	23.9	---	-21.7	2.2	---	39.5	---	37.3	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

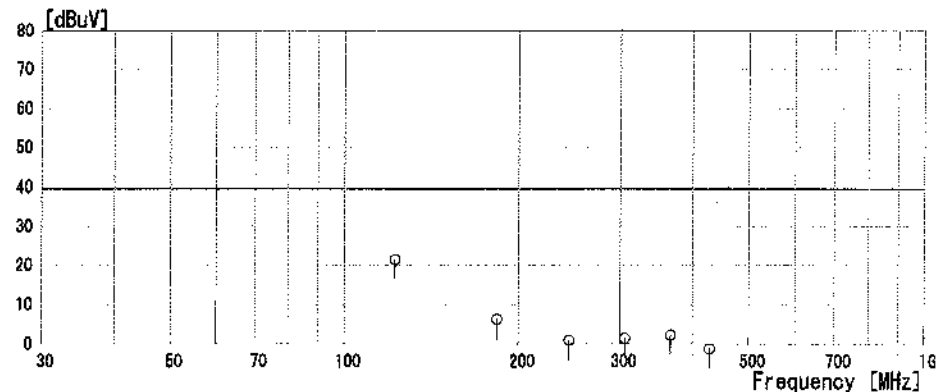
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE: PLAYBACK
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 3CH OUTPUT
REMARKS 2 : -

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP	AV		QP	AV	QP	AV	QP	AV
		[dBuV]			[dBuV]		[dBuV]		[dB]	
1	122.500	43.3	---	-21.9	21.4	---	39.5	---	18.1	---
2	183.750	28.3	---	-22.0	6.3	---	39.5	---	33.2	---
3	245.000	22.9	---	-22.0	0.9	---	39.5	---	38.6	---
4	306.250	23.4	---	-22.0	1.4	---	39.5	---	38.1	---
5	367.500	24.5	---	-22.3	2.2	---	39.5	---	37.3	---
6	428.750	20.5	---	-21.7	-1.2	---	39.5	---	40.7	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO.,LTD.
YOKOWA EMC LABORATORY

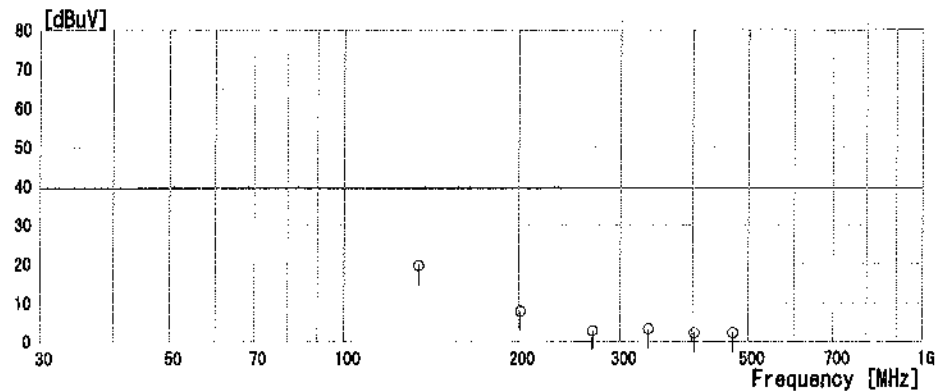
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE: TV RECEPTION+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 0dBmV INPUT
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP	AV		QP	AV	QP	AV	QP	AV
		[dBuV]	[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]
1	134.500	41.5	---	-21.8	19.7	---	39.5	---	19.8	---
2	201.750	29.8	---	-21.8	8.0	---	39.5	---	31.5	---
3	269.000	24.8	---	-22.0	2.8	---	39.5	---	36.7	---
4	336.250	25.4	---	-22.1	3.3	---	39.5	---	36.2	---
5	403.500	24.4	---	-22.2	2.2	---	39.5	---	37.3	---
6	470.750	24.4	---	-22.1	2.3	---	39.5	---	37.2	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO.,LTD.
YOKOWA EMC LABORATORY

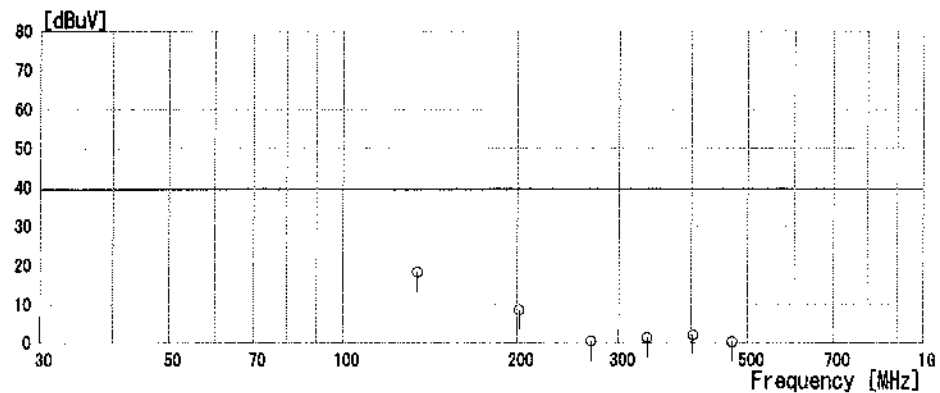
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE: TV RECEPTION+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 25dBmV INPUT
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP	AV		QP	AV	QP	AV	QP	AV
		[dBuV]	[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]
1	134.500	40.1	---	-21.8	18.3	---	39.5	---	21.2	---
2	201.750	30.4	---	-21.8	8.6	---	39.5	---	30.9	---
3	269.000	22.4	---	-22.0	0.4	---	39.5	---	39.1	---
4	336.250	23.4	---	-22.1	1.3	---	39.5	---	38.2	---
5	403.500	24.2	---	-22.2	2.0	---	39.5	---	37.5	---
6	470.750	22.4	---	-22.1	0.3	---	39.5	---	39.2	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOHA EMC LABORATORY

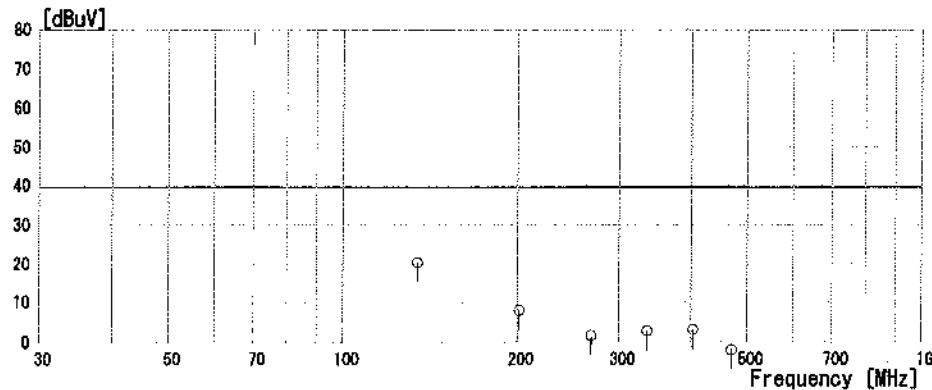
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE: AV INPUT+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 1Vp-p INPUT (LINE-1)
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING QP [dBuV]	AV [dB]	C. FACTOR [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	134.500	42.1	---	-21.8	20.3	---	39.5	---	19.2	---
2	201.750	29.8	---	-21.8	8.0	---	39.5	---	31.5	---
3	269.000	23.6	---	-22.0	1.6	---	39.5	---	37.9	---
4	336.250	24.9	---	-22.1	2.8	---	39.5	---	36.7	---
5	403.500	25.3	---	-22.2	3.1	---	39.5	---	36.4	---
6	470.750	20.1	---	-22.1	-2.0	---	39.5	---	41.5	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOHA EMC LABORATORY

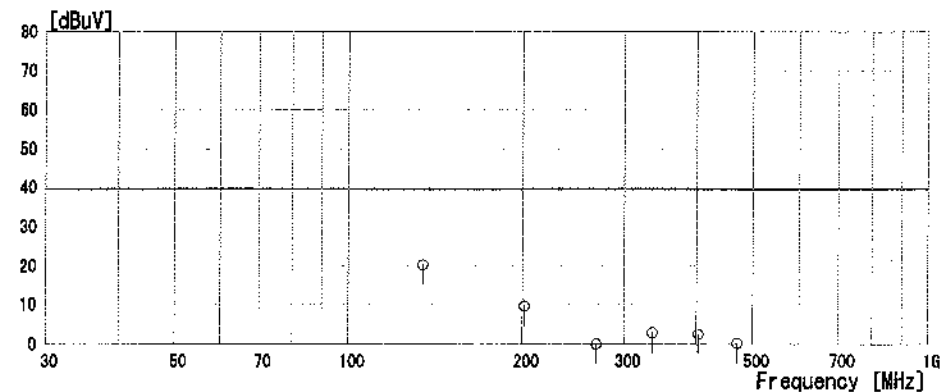
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE: AV INPUT+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 5Vp-p INPUT (LINE-1)
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING QP [dBuV]	AV [dB]	C. FACTOR [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	134.500	42.1	---	-21.8	20.3	---	39.5	---	19.2	---
2	201.750	31.4	---	-21.8	9.6	---	39.5	---	29.9	---
3	269.000	22.0	---	-22.0	0.0	---	39.5	---	39.5	---
4	336.250	25.0	---	-22.1	2.9	---	39.5	---	36.8	---
5	403.500	24.7	---	-22.2	2.5	---	39.5	---	37.0	---
6	470.750	22.4	---	-22.1	0.3	---	39.5	---	39.2	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOHA EMC LABORATORY

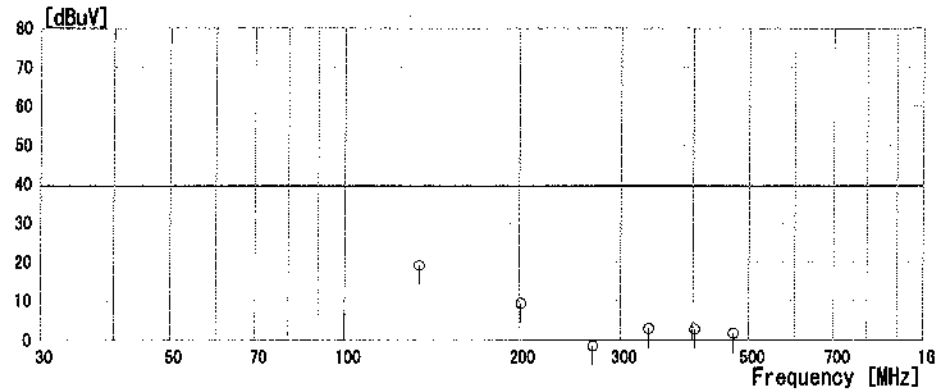
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 1Vp-p INPUT (LINE-2)
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kikuchi

No.	FREQ [MHz]	READING QP [dBuV]	C. FACTOR AV [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	134.500	41.0	-21.8	19.2	---	39.5	---	20.3	---
2	201.750	31.2	-21.8	9.4	---	39.5	---	30.1	---
3	269.000	20.5	-22.0	-1.5	---	39.5	---	41.0	---
4	336.250	25.1	-22.1	3.0	---	39.5	---	36.5	---
5	403.500	25.0	-22.2	2.8	---	39.5	---	36.7	---
6	470.750	23.9	-22.1	1.8	---	39.5	---	37.7	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOHA EMC LABORATORY

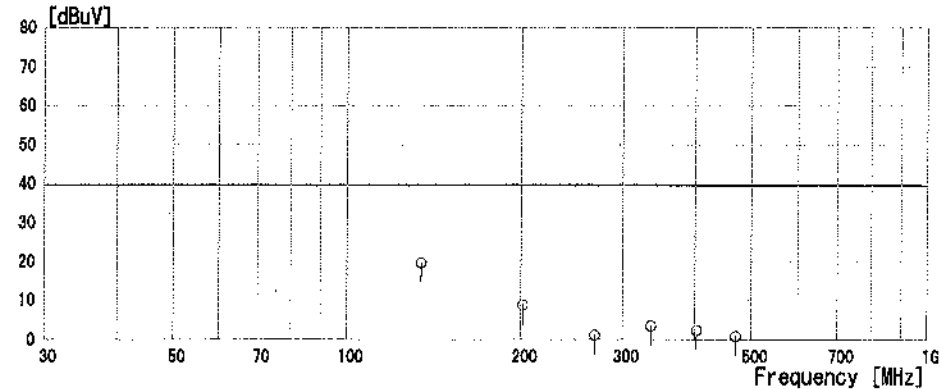
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 5Vp-p INPUT (LINE-2)
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kikuchi

No.	FREQ [MHz]	READING QP [dBuV]	C. FACTOR AV [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	134.500	41.5	-21.8	19.7	---	39.5	---	19.8	---
2	201.750	30.8	-21.8	8.8	---	39.5	---	30.7	---
3	269.000	23.1	-22.0	1.1	---	39.5	---	38.4	---
4	336.250	25.6	-22.1	3.5	---	39.5	---	36.0	---
5	403.500	24.5	-22.2	2.3	---	39.5	---	37.2	---
6	470.750	23.0	-22.1	0.9	---	39.5	---	38.6	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF RF SPURIOUS

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

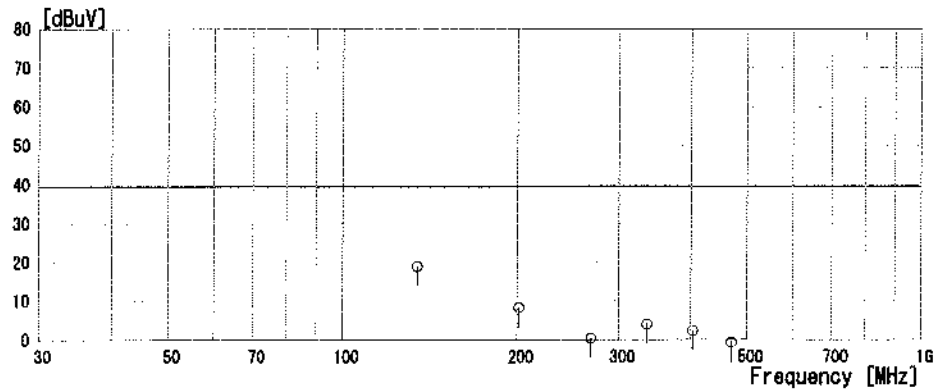
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : PLAYBACK
PORT : RF OUTPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 4CH OUTPUT
REMARKS 2 : -

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioke

No.	FREQ [MHz]	READING QP [dBuV]	AV [dB]	C. FACTOR [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	134.500	40.7	---	-21.8	18.9	---	39.5	---	20.6	---
2	201.750	30.1	---	-21.8	8.3	---	39.5	---	31.2	---
3	269.000	22.4	---	-22.0	0.4	---	39.5	---	39.1	---
4	336.250	26.1	---	-22.1	4.0	---	39.5	---	35.5	---
5	403.500	24.5	---	-22.2	2.3	---	39.5	---	37.2	---
6	470.750	21.5	---	-22.1	-0.6	---	39.5	---	40.1	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

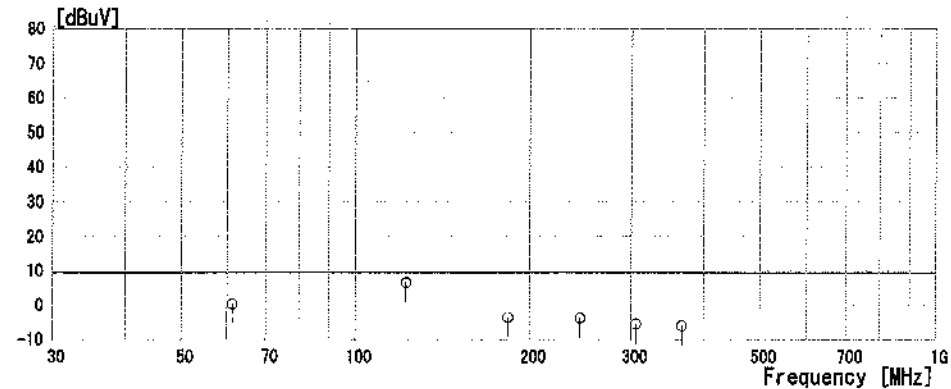
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 1Vp-p INPUT (LINE-1)
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioke

No.	FREQ [MHz]	READING QP [dBuV]	AV [dB]	C. FACTOR [dB]	RESULT QP [dBuV]	AV [dB]	LIMIT QP [dBuV]	AV [dB]	MARGIN QP [dB]	AV [dB]
1	61.250	22.0	---	-21.7	0.3	---	9.5	---	9.2	---
2	122.500	28.4	---	-21.9	6.5	---	9.5	---	3.0	---
3	183.750	18.5	---	-22.0	-3.5	---	9.5	---	13.0	---
4	245.000	18.2	---	-22.0	-3.8	---	9.5	---	13.3	---
5	306.250	16.5	---	-22.0	-5.5	---	9.5	---	15.0	---
6	367.500	16.2	---	-22.3	-6.1	---	9.5	---	15.6	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

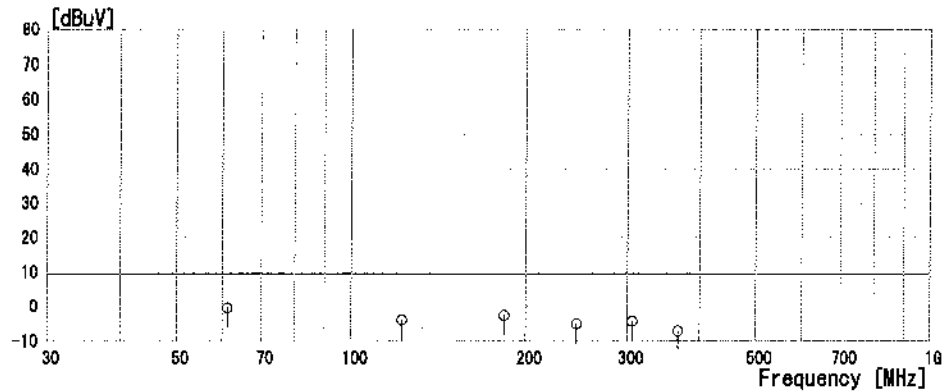
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 5Vp-p INPUT (LINE-1)
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
1	61.250	21.2	---	-21.7	-0.6	---	9.5	---	10.0	---
2	122.500	17.9	---	-21.9	-4.0	---	9.5	---	13.5	---
3	183.750	19.4	---	-22.0	-2.6	---	9.5	---	12.1	---
4	245.000	16.9	---	-22.0	-5.1	---	9.5	---	14.6	---
5	306.250	17.6	---	-22.0	-4.4	---	9.5	---	13.9	---
6	367.500	15.1	---	-22.3	-7.2	---	9.5	---	16.7	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

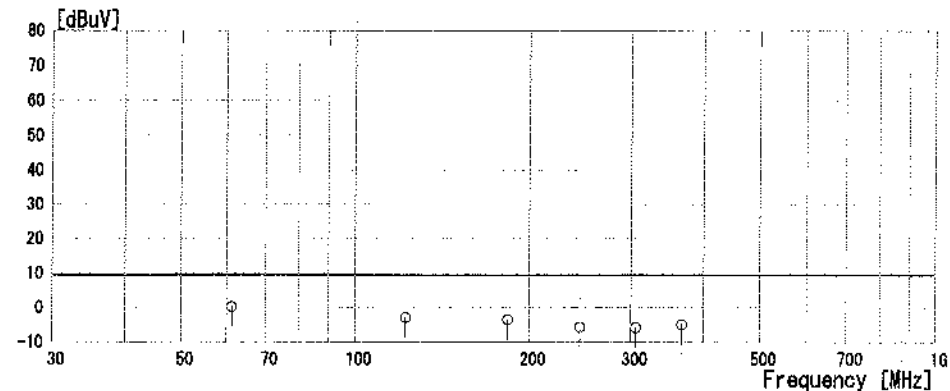
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 1Vp-p INPUT (LINE-2)
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
1	61.250	21.9	---	-21.7	0.2	---	9.5	---	9.3	---
2	122.500	18.9	---	-21.9	-3.0	---	9.5	---	12.5	---
3	183.750	18.5	---	-22.0	-3.5	---	9.5	---	13.0	---
4	245.000	16.3	---	-22.0	-5.7	---	9.5	---	15.2	---
5	306.250	16.1	---	-22.0	-5.9	---	9.5	---	15.4	---
6	367.500	17.3	---	-22.3	-5.0	---	9.5	---	14.5	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOHA EMC LABORATORY

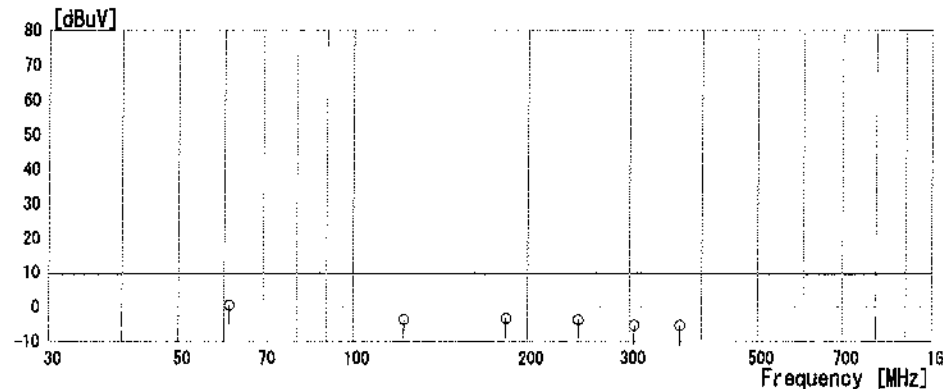
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 5Vp-p INPUT (LINE-2)
REMARKS 2 : 3CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP [dBuV]	AV [dB]		QP [dBuV]	AV [dB]	QP [dBuV]	AV [dB]	QP [dB]	AV [dB]
1	61.250	22.1	---	-21.7	0.4	---	9.5	---	9.1	---
2	122.500	18.2	---	-21.9	-3.7	---	9.5	---	13.2	---
3	183.750	18.6	---	-22.0	-3.4	---	9.5	---	12.9	---
4	245.000	18.1	---	-22.0	-3.9	---	9.5	---	13.4	---
5	306.250	16.5	---	-22.0	-5.5	---	9.5	---	16.0	---
6	367.500	16.7	---	-22.3	-5.6	---	9.5	---	15.1	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOHA EMC LABORATORY

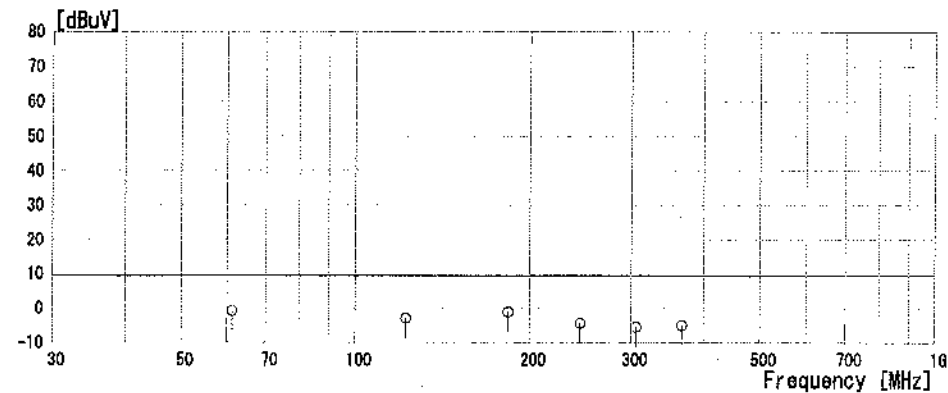
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : PLAYBACK
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 3CH OUTPUT
REMARKS 2 : -

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP [dBuV]	AV [dB]		QP [dBuV]	AV [dB]	QP [dBuV]	AV [dB]	QP [dB]	AV [dB]
1	61.250	21.0	---	-21.7	-0.7	---	9.5	---	10.2	---
2	122.500	19.0	---	-21.9	-2.9	---	9.5	---	12.4	---
3	183.750	21.0	---	-22.0	-1.0	---	9.5	---	10.5	---
4	245.000	17.6	---	-22.0	-4.4	---	9.5	---	13.9	---
5	306.250	16.5	---	-22.0	-5.5	---	9.5	---	15.0	---
6	367.500	17.3	---	-22.3	-5.0	---	9.5	---	14.5	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

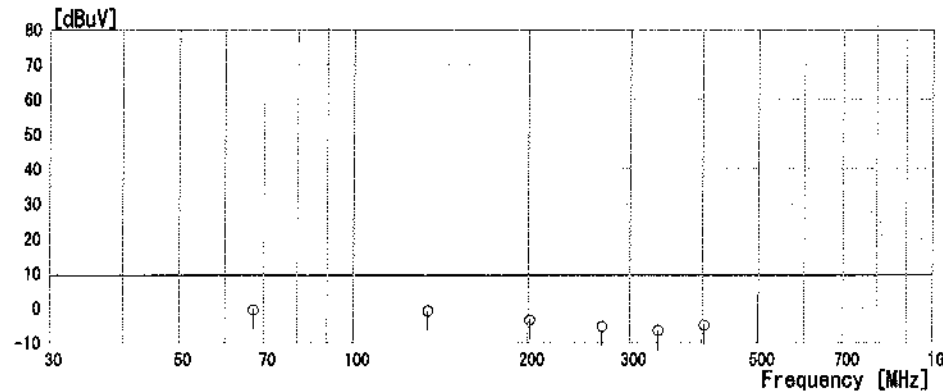
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 1Vp-p INPUT (LINE-1)
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
1	67.250	21.2	---	-21.7	-0.5	---	9.5	---	10.0	---
2	134.500	21.1	---	-21.8	-0.7	---	9.5	---	10.2	---
3	201.750	18.4	---	-21.8	-3.4	---	9.5	---	12.9	---
4	269.000	16.7	---	-22.0	-5.3	---	9.5	---	14.8	---
5	336.250	15.7	---	-22.1	-6.4	---	9.5	---	15.9	---
6	403.500	17.3	---	-22.2	-4.9	---	9.5	---	14.4	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

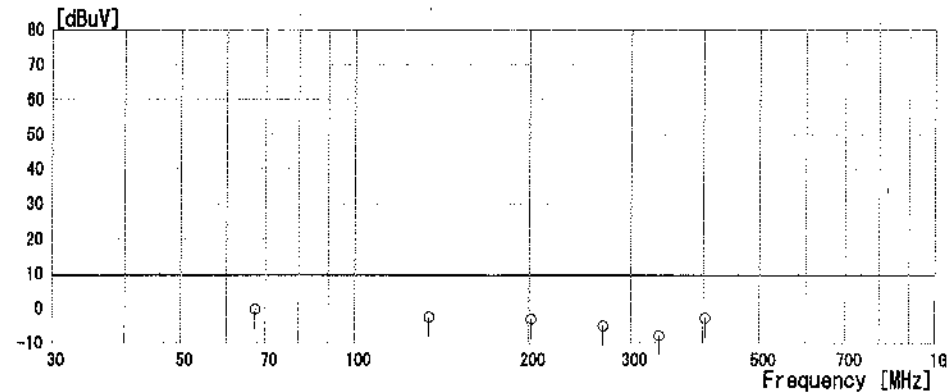
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 5Vp-p INPUT (LINE-1)
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
1	67.250	21.4	---	-21.7	-0.3	---	9.5	---	9.8	---
2	134.500	19.3	---	-21.8	-2.5	---	9.5	---	12.0	---
3	201.750	18.7	---	-21.8	-3.1	---	9.5	---	12.6	---
4	269.000	16.9	---	-22.0	-5.1	---	9.5	---	14.6	---
5	336.250	14.2	---	-22.1	-7.9	---	9.5	---	17.4	---
6	403.500	19.4	---	-22.2	-2.8	---	9.5	---	12.3	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOMA EMC LABORATORY

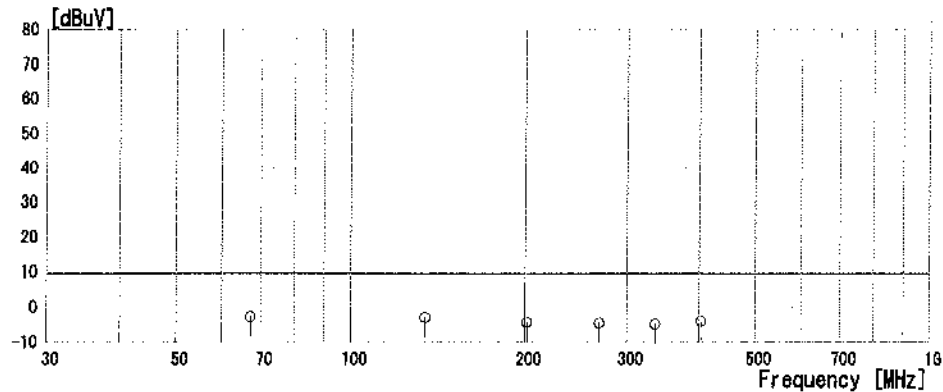
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 1Vp-p INPUT (LINE-2)
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kikaka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
1	67.250	19.0	---	-21.7	-2.7	---	9.5	---	12.2	---
2	134.500	18.9	---	-21.8	-2.9	---	9.5	---	12.4	---
3	201.750	17.5	---	-21.8	-4.3	---	9.5	---	13.8	---
4	269.000	17.4	---	-22.0	-4.6	---	9.5	---	14.1	---
5	336.250	17.3	---	-22.1	-4.8	---	9.5	---	14.3	---
6	403.500	18.2	---	-22.2	-4.0	---	9.5	---	13.5	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOMA EMC LABORATORY

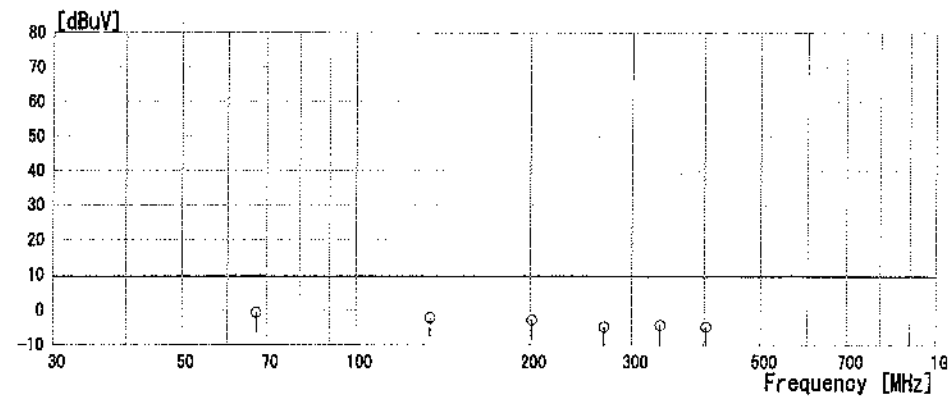
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : AV INPUT+REC
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 5Vp-p INPUT (LINE-2)
REMARKS 2 : 4CH OUTPUT

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kikaka

No.	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
1	67.250	21.0	---	-21.7	-0.7	---	9.5	---	10.2	---
2	134.500	19.7	---	-21.8	-2.1	---	9.5	---	11.6	---
3	201.750	19.0	---	-21.8	-2.8	---	9.5	---	12.3	---
4	269.000	17.2	---	-22.0	-4.8	---	9.5	---	14.3	---
5	336.250	17.8	---	-22.1	-4.3	---	9.5	---	13.8	---
6	403.500	17.4	---	-22.2	-4.8	---	9.5	---	14.3	---

CALCULATION: READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



DATA OF ANTENNA TRANSFER SWITCH

A-PEX INTERNATIONAL CO., LTD.
YOKOWA EMC LABORATORY

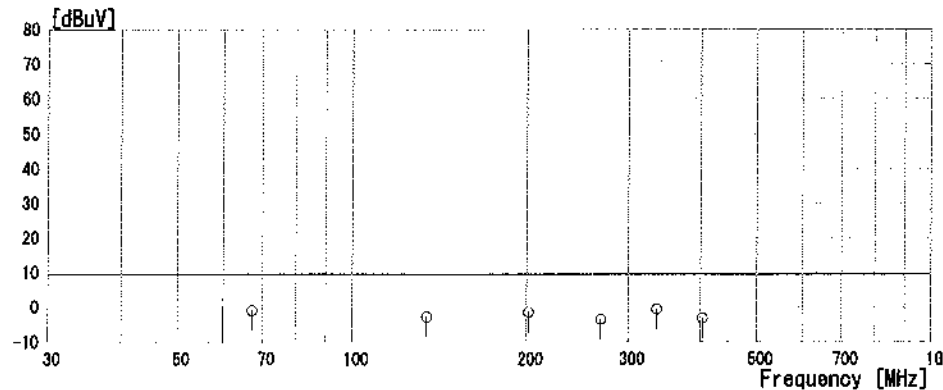
COMPANY : Samsung Electronics
EQUIPMENT : VCR
Model Name : SLV-N700
OPERATION MODE : PLAYBACK
PORT : RF INPUT TERMINAL
POWER : AC120V/60Hz
REMARKS 1 : 4CK OUTPUT
REMARKS 2 : -

REPORT NO. : 23CE0014-YW-1
DATE : OCTOBER 15, 2002
REGULATION : FCC PART15 SUBPART B

Engineer: Hisayuki Kioka

No.	FREQ [MHz]	READING QP [dBuV]	AV	C. FACTOR [dB]	RESULT QP [dBuV]	AV	LIMIT QP [dBuV]	AV	MARGIN QP [dB]	AV
1	67.250	20.7	---	-21.7	-1.0	---	9.5	---	10.5	---
2	134.500	19.0	---	-21.8	-2.8	---	9.5	---	12.3	---
3	201.750	20.3	---	-21.8	-1.5	---	9.5	---	11.0	---
4	269.000	18.4	---	-22.0	-3.6	---	9.5	---	13.1	---
5	336.250	21.5	---	-22.1	-0.6	---	9.5	---	10.1	---
6	403.500	19.0	---	-22.2	-3.2	---	9.5	---	12.7	---

CALCULATION : READING + CORRECTION FACTOR
CORRECTION FACTOR = MATCHING PAD LOSS 7.8[dBμV]
+ CABLE LOSS[dBμV] - AMPLIFIER GAIN[dBμV]



Picture sensitivity test

A-PEX INTERNATIONAL CO., LTD.
Yokowa EMC Laboratory

Company : Samsung Electronics Co., Ltd.
Equipment : VCR
Model number : SLV-N700
Power : AC 120 V / 60 Hz
Description : TV RECEPTION + REC.

Report Number : 23CE0014-YW-1
Regulation : FCC Part15B Subpart B
Date : October 11, 2002

Engineer

Hisayuki Kioka

Ch.	Frequency	Sensitivity		Ch.	Frequency	Sensitivity	
[VHF]	[MHz]	[dBuV]	[uV]	[UHF]	[MHz]	[dBuV]	[uV]
2	55.25	20.0	10.0	14	471.25	26.6	21.4
3	61.25	20.0	10.0	20	507.25	25.9	19.7
4	67.25	19.7	9.7	26	543.25	20.8	11.0
5	77.25	18.5	8.4	32	579.25	28.1	25.4
6	83.25	17.5	7.5	38	615.25	27.1	22.6
7	175.25	23.4	14.8	44	651.25	27.0	22.4
8	181.25	20.0	10.0	50	687.25	26.0	20.0
9	187.25	24.3	16.4	56	723.25	25.6	19.1
10	193.25	24.0	15.8	62	759.25	26.4	20.9
11	199.25	21.1	11.4	69	801.25	26.4	20.9
12	205.25	22.9	14.0	-	-	-	-
13	211.25	23.8	15.5	-	-	-	-
Average VHF		12.0		Average UHF		20.3	
Average UHF/VHF : 20 log UHF[uV]/VHF[uV] =				4.6	dB		
[Limit : 8.0 dB]							

Noise figure test

Company : Samsung Electronics Co., Ltd.
Equipment : VCR
Model number : SLV-N700
Power : AC 120 V / 60 Hz
Description : TV RECEPTION + REC.

A-PEX INTERNATIONAL CO., LTD.
Yokowa EMC Laboratory
Report Number : 23CE0014-YW-1
Regulation : FCC Part 15B Subpart B
Date : October 11, 2002

Engineer : Hisayuki Kioka

Ch.	Frequency [MHz]	Meter reading [dB]	Correction factor [dB]	Noise figure [dB]	Limits [dB]	Margin [dB]
TV VHF Fundamental						
2	55.25	6.2	0.2	6.0	14.0	8.0
3	61.25	5.6	0.2	5.4	14.0	8.6
4	67.25	5.6	0.2	5.4	14.0	8.6
5	77.25	5.4	0.2	5.2	14.0	8.8
6	83.25	5.4	0.2	5.2	14.0	8.8
7	175.25	6.5	0.2	6.3	14.0	7.7
8	181.25	6.2	0.2	6.0	14.0	8.0
9	187.25	6.2	0.2	6.0	14.0	8.0
10	193.25	5.6	0.2	5.4	14.0	8.6
11	199.25	5.2	0.2	5.0	14.0	9.0
12	205.25	5.2	0.2	5.0	14.0	9.0
13	211.25	5.2	0.2	5.0	14.0	9.0
TV UHF Fundamental						
14	471.25	8.0	0.3	7.7	14.0	6.3
20	507.25	8.8	0.3	8.5	14.0	5.5
26	543.25	8.9	0.3	8.6	14.0	5.4
32	579.25	9.0	0.3	8.7	14.0	5.3
38	615.25	8.6	0.3	8.3	14.0	5.7
44	651.25	8.6	0.3	8.3	14.0	5.7
50	687.25	8.5	0.3	8.2	14.0	5.8
56	723.25	8.4	0.4	8.0	14.0	6.0
62	759.25	8.4	0.4	8.0	14.0	6.0
69	801.25	8.5	0.4	8.1	14.0	5.9
Mid-band						
14	121.25	5.0	0.2	4.8	14.0	9.2
16	133.25	6.8	0.2	6.6	14.0	7.4
18	145.25	5.8	0.2	5.6	14.0	8.4
20	157.25	5.6	0.2	5.4	14.0	8.6
22	169.25	4.4	0.2	4.2	14.0	9.8
Super-band						
23	217.25	3.2	0.2	3.0	14.0	11.0
26	235.25	3.7	0.2	3.5	14.0	10.5
29	253.25	4.5	0.2	4.3	14.0	9.7
32	271.25	4.6	0.2	4.4	14.0	9.6
36	295.25	4.9	0.2	4.7	14.0	9.3

Test Report No : 23CE0014-YW-1

APPENDIX 3 Test Instruments

EMI test equipment

Item No.	Equipment Name	Manufacturer	Model No.	Calibration Date
TR-03	Test Receiver	Rohde & Schwarz	ES-1530	2002/05/30 * 12
SA-01	Spectrum Analyzer	Hewlett Packard	8587A	2002/04/03 * 12
OS-15	Digital Humidity Indicator	SATO	PC-5000TRH	2002/05/16 * 12
CC-2S	Yokowa No.2 shield coaxial(0.01MHz-1000MHz)	A-PEX	CC-24,CC-25,CC-26,CC-28,CC-29,SW-21,SW-22	2002/03/30 * 12
AF-01	Pre Amplifier	Hewlett Packard	8447D	2002/04/01 * 12
AF-06	Pre Amplifier	Agilent	HP8449B	2001/12/21 * 12
AT-05	Attenuator	Anritsu	MP721B	2002/04/04 * 12
BA-06	Biconical Antenna	Schwarzbeck	B3A8106	2002/02/18 * 12
LA-07	Logperiodic Antenna	Schwarzbeck	UKLP0140-A	2002/09/08 * 12
SA-06	Spectrum Analyzer	Advantest	R3273	2001/11/20 * 12
TR-06	Test Receiver	Rohde & Schwarz	ESVS10	2001/11/22 * 12
OS-16	Digital Humidity Indicator	SATO	PC-5000TRH	2002/05/16 * 12
CC-30RC	Yokowa No.3 open coaxial(0.01-1000MHz)	A-PEX	CC-31,CC-32,CC-33,CC-34,CC-35,CC-36,CC-37,SW-31,SW-32	2002/03/30 * 12
CC-C15	Microwave Cable	Suhner	SUCOFLEX	2002/04/17 * 12
CC-C16	Microwave Cable	Storm	MFR-57500	2002/04/17 * 12
YGATS-03	Open Test Site	JSE	3m, 10m	2002/05/01 * 12
HA-03	Horn Antenna	Schwarzbeck	B3HAB170	2002/04/27 * 12
LS-03	LISN	Schwarzbeck	NSLK0127	2001/11/06 * 12
LS-10	LISN	Schwarzbeck	NSLK0127	2002/04/16 * 12
SP-01	75Ω Coaxial Cable(TV Type)	A-PEX	75-F-N-SP	2002/04/28 * 12
SP-03	50Ω Coaxial Cable(Antenna Terminal)	A-PEX	50-N-N-SP	2002/04/28 * 12
SP-04	50Ω Coaxial Cable(Antenna Terminal)	A-PEX	50-N-N-SP	2002/04/28 * 12
SP-05	50Ω Coaxial Cable(Antenna Terminal)	A-PEX	50-N-N-SP	2002/04/28 * 12
AV14-02	Matching Pad	TME	ZT-102	2002/08/06 * 12
AV01-01	Signal Generator	Rohde & Schwarz	SMY01	2002/03/01 * 12
APNFM01	Noise Figure Indicator	Elena	ENF-2005	2000/09/27 * 24
APSS004	Signal Generator	Rohde & Schwarz	SMY01	2002/08/07 * 12
SS-05	Digitalizing Oscilloscope	Sony Tektronix	2221	2002/01/10 * 12
APBPF01	Band pass filter	Enka Filter	BP	Pre Check
OS-11	Digital Humidity Indicator	SATO	PC-5000TRH	2002/05/09 * 12

All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Test Item:

CE: Conducted emission
RE: Radiated emission
AT: Antenna terminal disturbance voltage
PS: Picture sensitivity
NF: Noise figure