

Certification of Compliance

CFR 47 Part 15 Subpart B

Test Report File No. : 05-IST-0185	Date of Issue : May 12, 2005
Model (s) : VR2946 (Go-Video)	<input type="radio"/> Basic <input checked="" type="radio"/> Alternated
Kind of Product : DVD Recorder + VCR	
Applicant : Daewoo Electronics Corporation.	
	543, Dangjung-Dong, Kunpo-City, Kyounggi-DO, Korea
Manufacturer : Daewoo Electronics Corporation.	
	295, Gondan-dong, Kumi-city, Kyungsangbuk-do, Korea.

Test Result

Positive


Negative

Reviewed By

Approved By



S.J.Cho / EMC Group Manager



J.H.LEE / Chief

- Investigations requested : Measurement to the relevant clauses of F.C.C rules and regulations Part 15 Subpart B - Unintentional Radiations
- The test report with appendix consists of 31 pages.
- The test result only responds to the tested sample.
- It is not allowed to copy this report even partly without the allowance of IST EMC Laboratory.
- This equipment as for has been shown to be capable of continued compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4 2003.



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Information of Tuners

Manufacture	Manufacture Name
Korea ALPS	TMZH2-030A
LG Innotek Co., Ltd.	TADM-H201F

Information of Loader

Manufacture	Manufacture Name
LITE-ON IT CORP.	DDW-813S

INFORMATIONS OF TEST LABORATORY

EMC LABORATORY of IST Co., Ltd. (*FCC Filing Lab*)
San 21-8, Goan-Ri, Baekam-Myun, Yongin-City
Kyonggi-Do, 449-860, Korea
TEL : +82 31 333 4093 FAX : +82 31 333 4094

ENVIRONMENTAL CONDITIONS

Temperature	20 °C
Humidity	49 %
Atmospheric pressure	1008 mbar

POWER SUPPLY SYSTEM USED

Power supply system	120Vac , 60Hz
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PRODUCT INFORMATIONS

- The Equipment Under Test (EUT) is DVD Recorder + VCR of Daewoo Electronics Co., Ltd.
(FCC ID : C5F7NF0015)

Power requirements	120Vac , 60Hz
Power consumption	34W
Operating conditions	41°F to 95°F (5°C to 35°C) , 5% to 90% (humidity)
Mass (approx.)	13.5lbs (6.18kg)
Dimensions (approx.)	16.9 X 3.54 X 14.0 inches (430 X 91 X 354mm) (w X h X d)
Signal system	NTSC
Antenna IN / RF OUT	Antenna or CATV input, 75Ω / Channel 3 or 4 (Switchable)
Signal-to-noise ratio	43dB (VCR) , More than 95dB (DVD)
Head system	4 Head Video, 2 Head Hi-Fi helical scan azimuth system
Laser system	Semiconductor laser, wavelength 650nm
Inputs	Video/Audio (RCA jack)
Outputs	Video/Audio (RCA jack), S-video, component (RCA jack)

- EMC suppression device is not used during the test.

- Please refer to user's manual.

INFORMATIONS OF MODEL NAMES

Model Name	Model description	TCB Issued Date	Applied Loader	Applied Tuner
RV4000 SV294 DF-S04 VR2940 VR2945	Basic Model	06/07/2004	BTC	LG, Alps
RV4000 SV294 DF-S04 VR2940 VR2945	Permissive II Change (Loader change)	09/02/2004	LITE-ON (DDW-451S)	LG, Alps
RV4000 SV294 DF-S04 VR2940 VR2945	Permissive II Change (Adding new loader)	04/14/2005	LITE-ON (DDW-813S)	LG, Alps
VR2946	Permissive II Change (Front panel change)		LITE-ON (DDW-813S)	LG, Alps

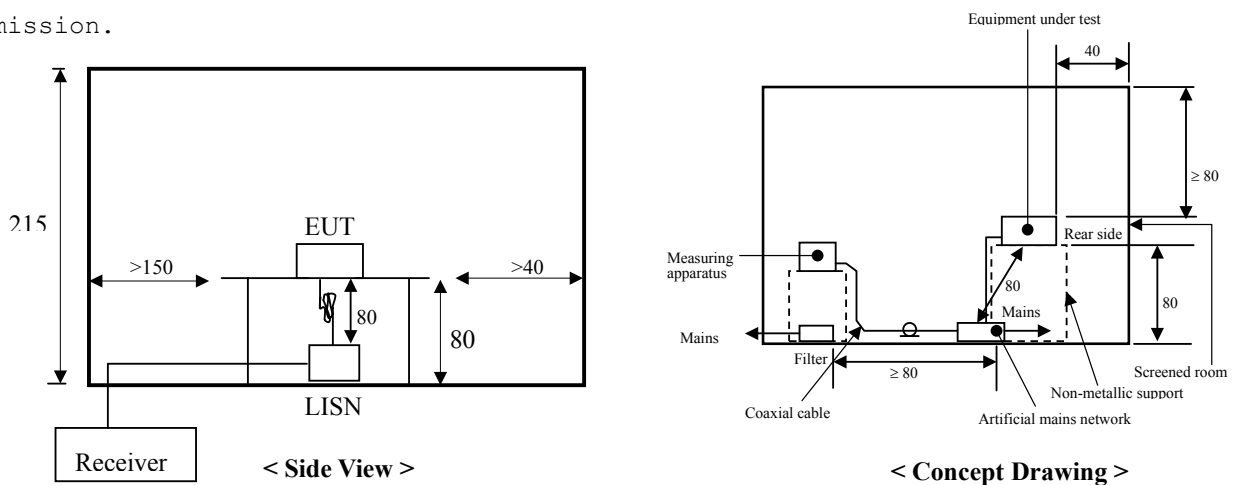
DESCRIPTIONS OF TEST

Conducted Emissions:

The measurement were performed over the frequency range of 0.15MHz to 30MHz using a 50Ω/50uH LISN as the input transducer to a Spectrum Analyzer or a Field Intensity Meter. The measurements were made with the detector set for "Peak" amplitude within an bandwidth of 10KHz or for "quasi-peak" within a bandwidth of 9KHz.

- Procedure of Test

The line-conducted facility is located inside a shielded room No.1. A 1m X 1.5m wooden table 80cm height is placed 40cm away from the vertical wall and 1.5m away from the other wall of the shielded room. The R/S ESH3-Z5 and EMCO 3825/2 LISN are bonded to bottom of the shielded room. The EUT is located on the wooden table with distance more than 80cm from the LISN and powered from the EMCO LISN .The peripheral equipment is powered from the other LISN. Power to the LISNs are filtered by a noise cut power line filters. All electrical cables are shielded by braided tinned steel tubing with inner ϕ 1.2cm. If the EUT is a DC-powered device, power will be derived from the source power supply it normally will be powered from and this supply lines will be connected to the EMCO LISN. All interconnecting cables more than 1m were shortened by non-inductive bundling to a 1m length. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating conditions. The RF output of the LISN was connected to the R/S receiver to determine the frequency producing the maximum emission from the EUT. The frequency producing the maximum level was reexamined using Quasi-Peak mode by manual measurement, after scanned by automatic Peak mode for frequency range from 0.15 to 30MHz. The bandwidth of the receiver was set to 10kHz. The EUT, peripheral equipment, and interconnecting cables were arranged and manipulated to maximize each EME emission.



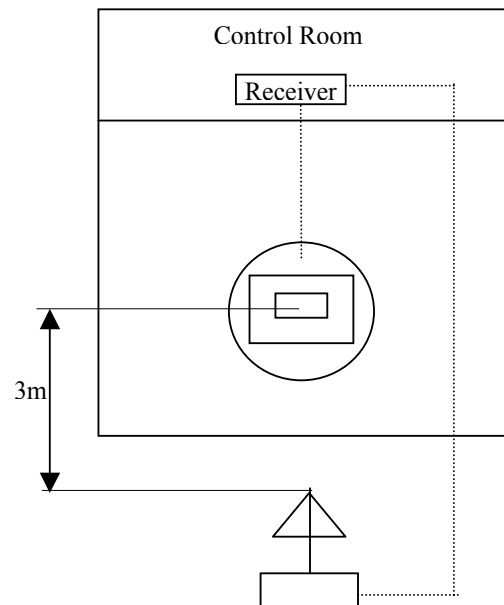
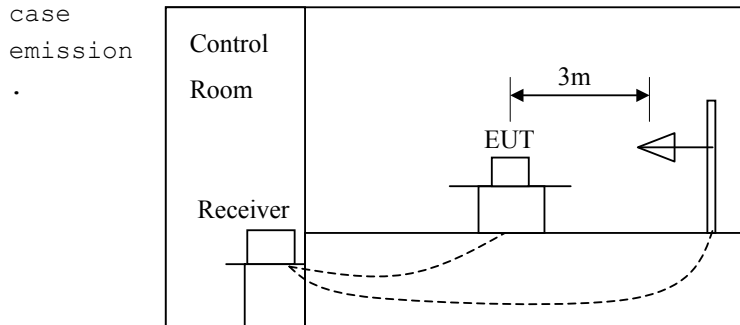
DESCRIPTION OF TEST

Radiated Emissions:

The measurement was performed over the frequency range of 30MHz to 1GHz using antenna as the input transducer to a Spectrum analyzer or a Field Intensity Meter. The measurement was made with the detector set for "quasi-peak" within a bandwidth of 120KHz.

- Procedure of Test

Preliminary measurements were made at 3 meter using bi-conical and log-periodic antennas, and spectrum analyzer to determine the frequency producing the max. emission in anechoic chamber. Appropriate precaution was taken to ensure that all emission from the EUT were maximized and investigated. The system configuration, mode of operation, turn table azimuth and height with respect to the antenna were noted for each frequency found. The spectrum was scanned from 40MHz to 300MHz using S/B bi-conical antenna and 300 to 1000MHz using S/B log-periodic antenna. Above 1GHz, linearly polarized double ridge horn antennas were used. Final measurements were made at open site with 3-meters test distance using S/B bi-log antenna or horn antenna. The OATS have been verified in regular for its normalized site attenuations. The test equipment was placed on a wooden table. Sufficient time for the EUT, peripheral equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. Each frequency found during pre-scan measurements was re-examined by manual. The detector function was set to CISPR quasi-peak mode and the bandwidth of the receiver was set to 120kHz or 1MHz depending on the frequency of type of signal. The EUT, peripheral equipment and interconnecting cables were re-configured to the set-up producing the max. emission for the frequency and were placed on top of a 0.8-meter high nonmetallic 1 x 1.5 meter table. The EUT, peripheral equipment, and interconnecting cables were re-arranged and manipulated to maximize each emission. The turntable containing the system was rotated; the antenna height was varied 1 to 4 meters and stopped at the azimuth or height producing the maximum emission. Each emission was maximized by: varying the mode of operation to the EUT and/or peripheral equipment and changing the polarity of the antenna, whichever determined the worst-



SUMMARY

■ Conducted Emission

The requirements are

Minimum limit margin

Maximum limit exceeding

● MET ○ Not MET

3.1dB at 4.071MHz

Remarks : **With Neutral phase for average detect mode
(RF Receiving + DVD REC , LG Tuner)**

■ Radiated Emission

The requirements are

Minimum limit margin

Maximum limit exceeding

● MET ○ Not MET

3.1dB at 196.6MHz

Remarks : **At RF Receiving + DVD REC , LG Tuner**

Output Signal Level Measurements

The requirements are

Minimum limit margin

Maximum limit exceeding

○ MET ○ Not MET

Remarks :

Output Terminal Conducted Spurious Emission

The requirements are

Minimum limit margin

Maximum limit exceeding

○ MET ○ Not MET

Remarks :

Transfer Switch Isolation Measurements

The requirements are

Minimum limit margin

Maximum limit exceeding

○ MET ○ Not MET

Remarks :

Begin of Test : April 28, 2005

End of Test : May 10, 2005

Prepared By

Note :

- ■ means the test is applicable, □ is not applicable.



I.Y.Lee / EMC Engineer

TEST CONDITIONS AND DATA

Conducted Emissions

[Applicable]

◆ Test Equipment Used

The test equipment used is calibrated in regular for every year.

Model Name	Manufacturer	Descriptions	Calibration Date	Serial Number
ESH3	Rohde & Schwarz	Test Receiver	July 15, 2004	892108/018
ESH3-Z5	Rohde & Schwarz	LISN	July 15, 2004	862770/025
ESH3-Z2	Rohde & Schwarz	Pulse Limiter	July 15, 2004	357.8810.52
PM5418	FLUKE	Pattern Generator	May 10, 2004	L0796009

◆ Auxiliary Equipment Used

Model Name	Manufacturer	Descriptions
14C5T BLU	Daewoo Electronics.	Color TV Receiver

◆ Accessories including cables

Name	Length	Port and Descriptions
RCA	1m	Audio/Video Out

◆ Environmental Conditions

Temperature	20 °C
Humidity	50 %
Atmosphere pressure	1004 mbar

◆ Test Program DVD Playback + VCR REC, VCR Playback + DVD REC,

RF Receiving + VCR REC, RF Receiving + DVD REC

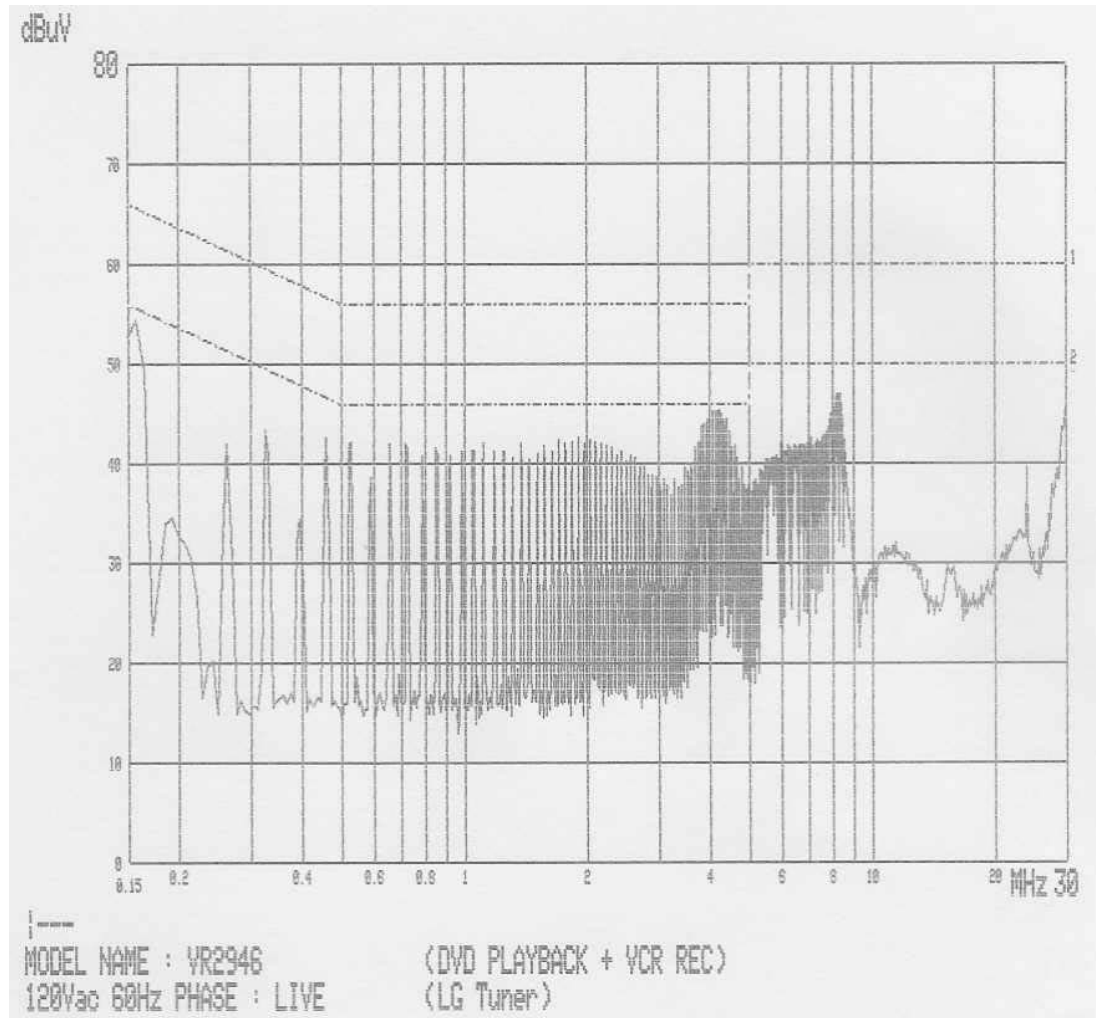
◆ Test Area Conducted Room

◆ Test Date March 28, 2005

Note :

Conducted Emissions

(Mains Terminal Disturbance Voltages)

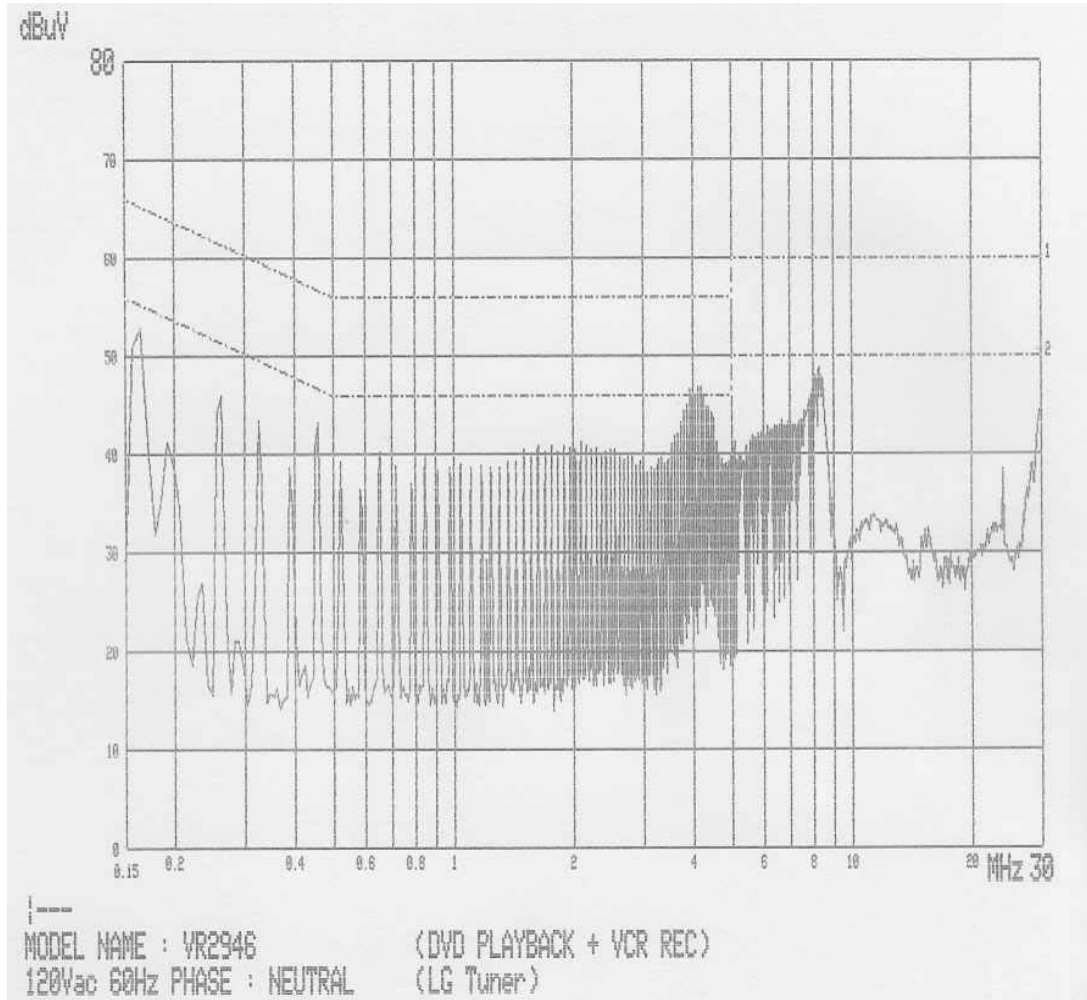


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.156	53.7	10.4	65.7	55.7	1.4	0.5	55.6	12.3	10.1	43.4
0.457	42.6	41.2	56.7	46.7	0.5	0.4	43.5	42.1	13.2	4.6
4.049	44.2	42.0	56.0	46.0	0.3	0.5	45.0	42.8	11.0	3.2
8.227	45.6	41.6	60.0	50.0	0.3	0.6	46.5	42.5	13.5	7.5

Note : LG Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

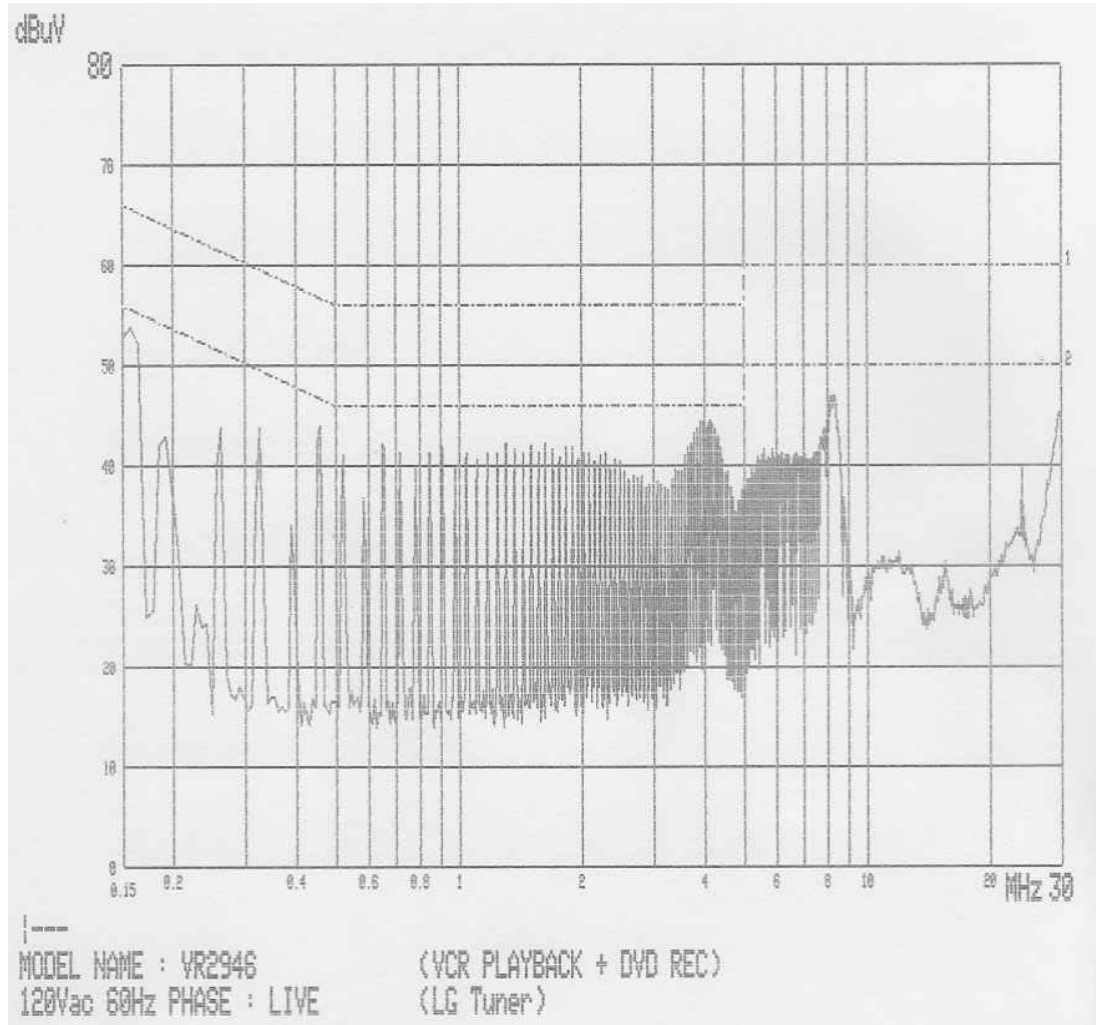


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.157	52.5	10.5	65.6	55.6	1.4	0.5	54.4	12.4	11.2	43.2
0.456	42.4	41.7	56.8	46.8	0.5	0.4	43.3	42.6	13.5	4.2
4.104	44.1	41.1	56.0	46.0	0.3	0.5	44.9	41.9	11.1	4.1
8.271	46.3	43.5	60.0	50.0	0.3	0.6	47.2	44.4	12.8	5.6

Note : LG Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

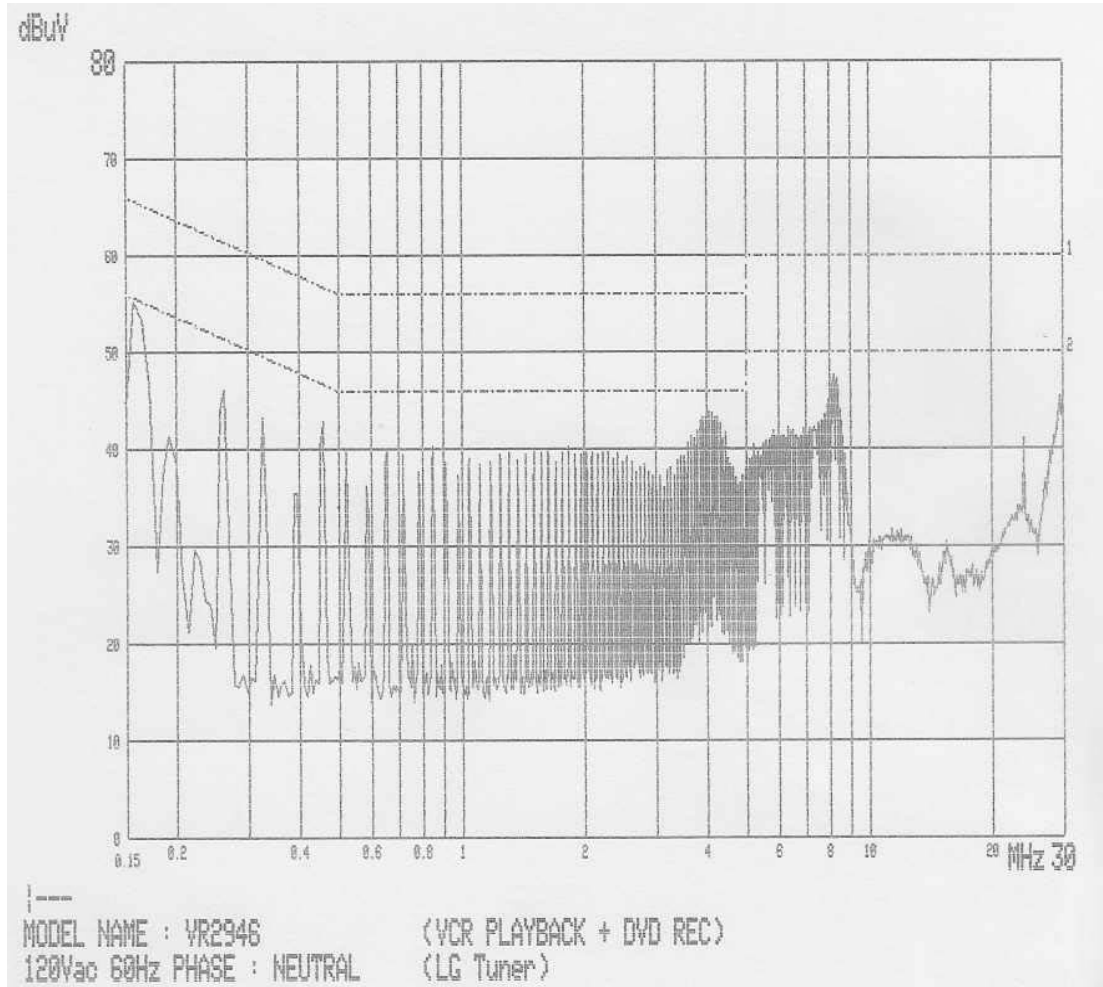


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.159	52.4	10.4	65.5	55.5	1.4	0.5	54.3	12.3	11.2	43.2
0.456	42.5	41.0	56.8	46.8	0.5	0.4	43.4	41.9	13.4	4.9
4.036	43.8	41.3	56.0	46.0	0.3	0.5	44.6	42.1	11.4	3.9
8.199	45.4	42.5	60.0	50.0	0.3	0.6	46.3	43.4	13.7	6.6

Note : LG Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

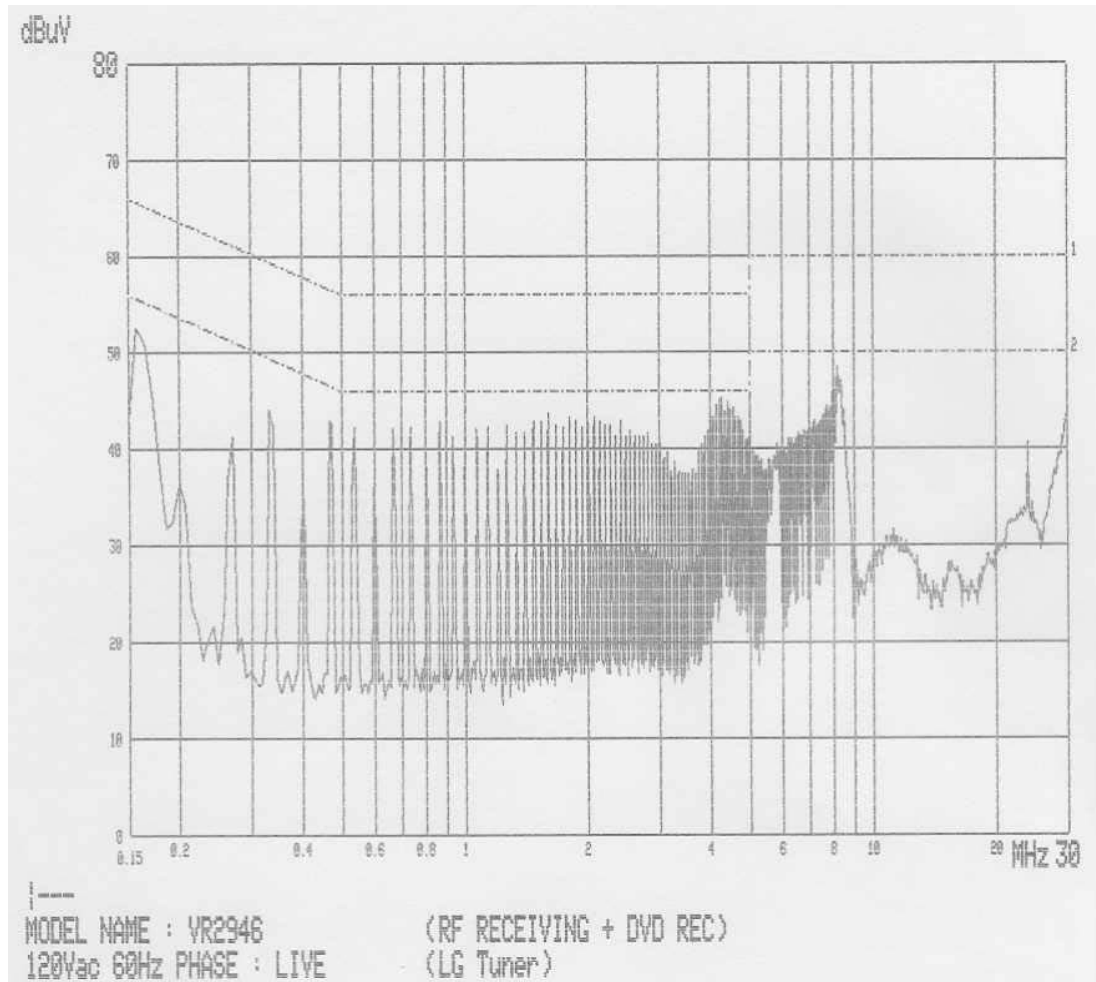


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.157	53.2	10.5	65.6	55.6	1.4	0.5	55.1	12.4	10.5	43.2
0.456	42.3	41.4	56.8	46.8	0.5	0.4	43.2	42.3	13.6	4.5
4.038	43.0	40.5	56.0	46.0	0.3	0.5	43.8	41.3	12.2	4.7
8.204	45.6	42.8	60.0	50.0	0.3	0.6	46.5	43.7	13.5	6.3

Note : LG Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

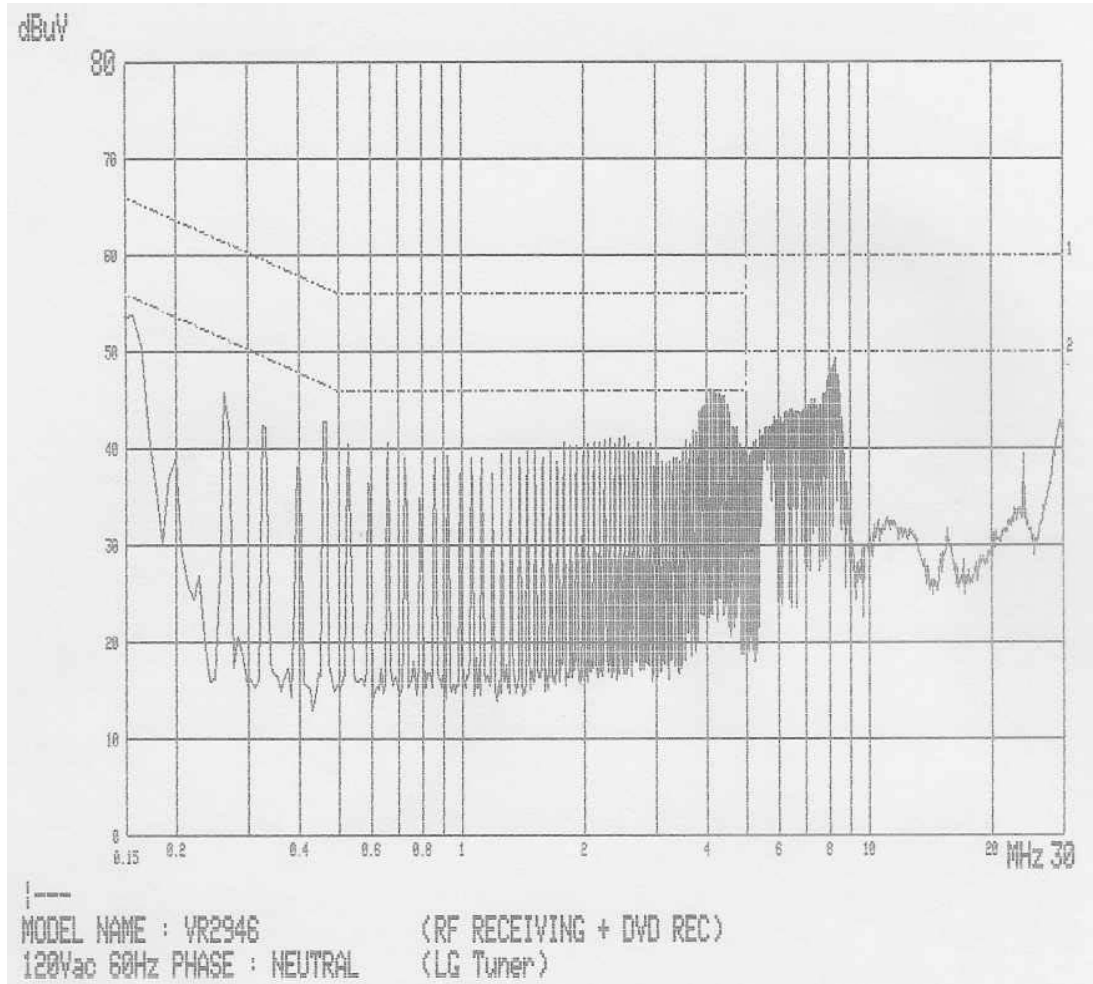


Freq. [MHz]	Measurement [dB µV]		Limit [dB µV]		Insertion Loss [dB]	Cable Loss [dBµV]	Result [dB µV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.153	53.3	10.4	65.8	55.8	1.4	0.5	55.2	12.3	10.6	43.5
0.463	42.4	41.0	56.6	46.6	0.5	0.4	43.3	41.9	13.3	4.7
1.586	41.9	36.9	56.0	46.0	0.3	0.5	42.7	37.7	13.3	8.3
4.359	43.3	40.7	56.0	46.0	0.3	0.5	44.1	41.5	11.9	4.5
8.249	45.2	41.6	60.0	50.0	0.3	0.6	46.1	42.5	13.9	7.5

Note : LG Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

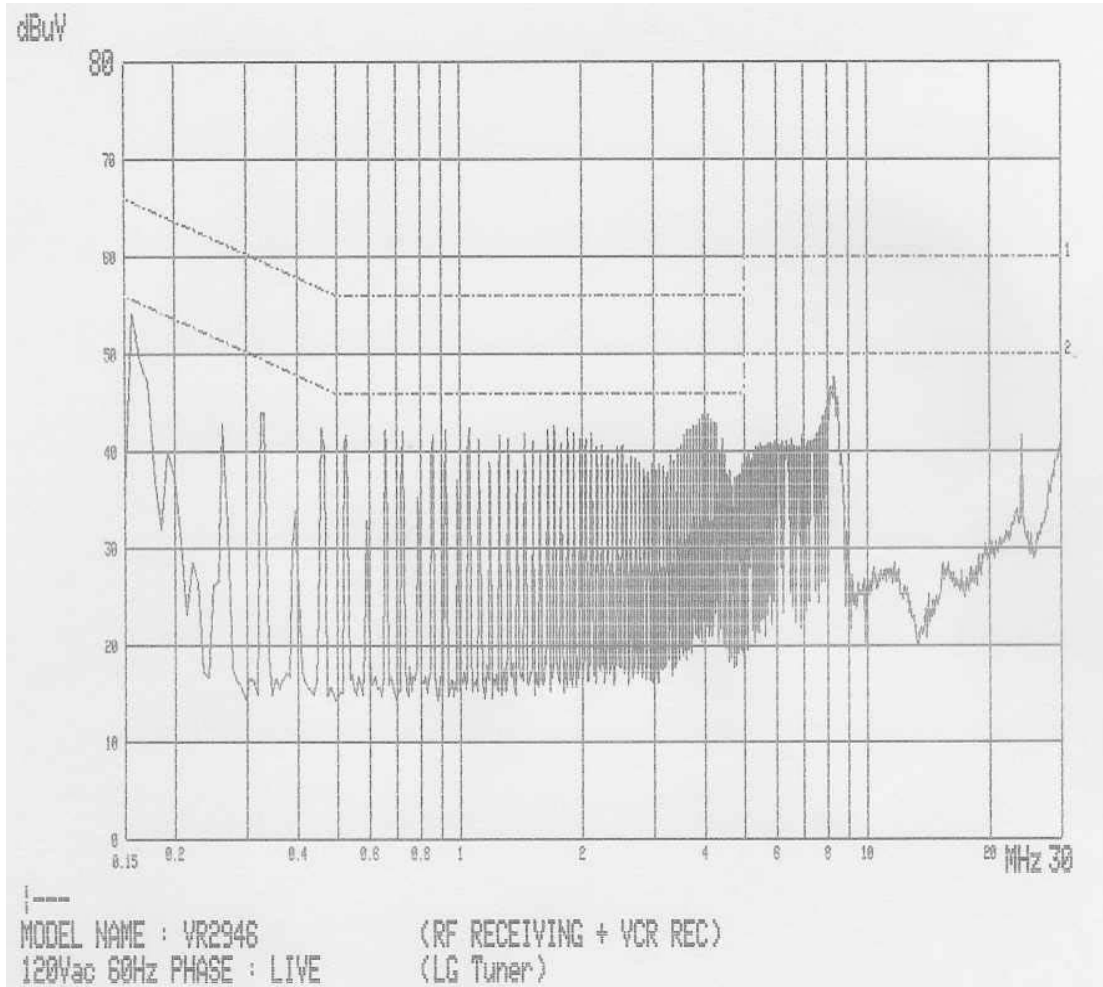


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.154	53.0	10.3	65.8	55.8	1.4	0.5	54.9	12.2	10.9	43.6
0.460	42.4	41.6	56.7	46.7	0.5	0.4	43.3	42.5	13.4	4.2
2.628	40.6	36.0	56.0	46.0	0.3	0.5	41.4	36.8	14.6	9.2
4.071	45.0	42.1	56.0	46.0	0.3	0.5	45.8	42.9	10.2	3.1
8.271	47.6	44.6	60.0	50.0	0.3	0.6	48.5	45.5	11.5	4.5

Note : LG Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

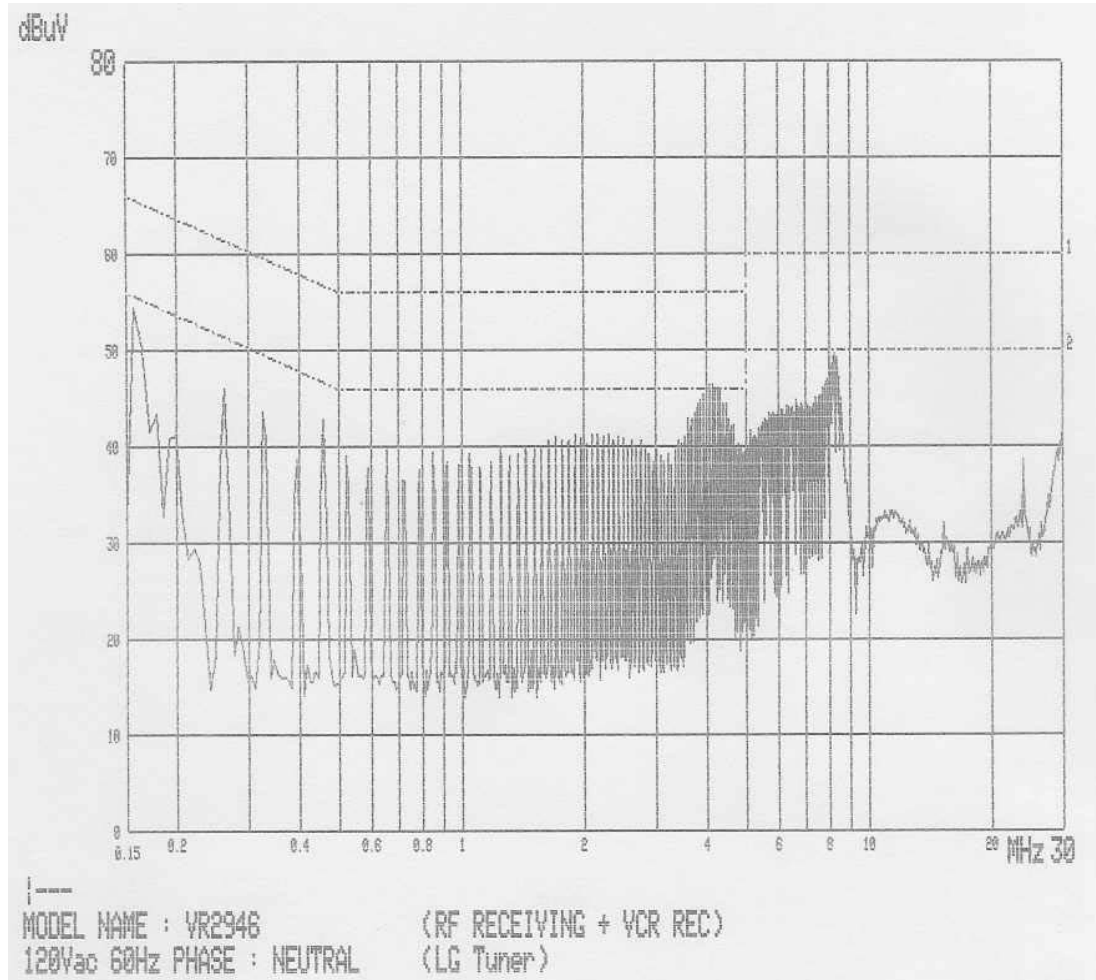


Freq. [MHz]	Measurement [dB µV]		Limit [dB µV]		Insertion Loss [dB]	Cable Loss [dBµV]	Result [dB µV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.156	53.1	10.2	65.7	55.7	1.4	0.5	55.0	12.1	10.7	43.6
0.460	42.1	40.5	56.7	46.7	0.5	0.4	43.0	41.4	13.7	5.3
3.947	43.0	39.9	56.0	46.0	0.3	0.5	43.8	40.7	12.2	5.3
8.287	46.1	41.9	60.0	50.0	0.3	0.6	47.0	42.8	13.0	7.2

Note : LG Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

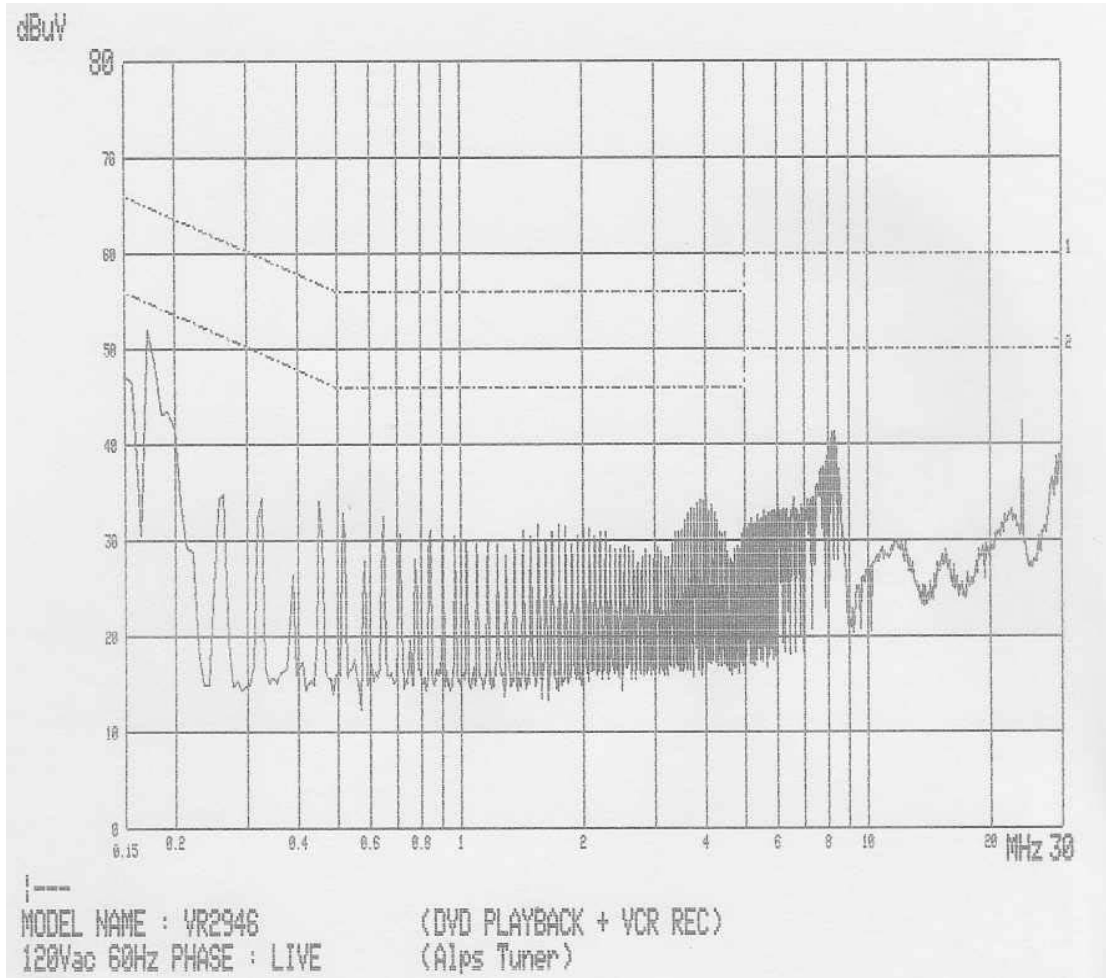


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.156	52.2	10.4	65.7	55.7	1.4	0.5	54.1	12.3	11.6	43.4
0.459	42.1	41.2	56.7	46.7	0.5	0.4	43.0	42.1	13.7	4.6
4.073	44.3	42.0	56.0	46.0	0.3	0.5	45.1	42.8	10.9	3.2
8.279	47.8	43.7	60.0	50.0	0.3	0.6	48.7	44.6	11.3	5.4

Note : LG Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

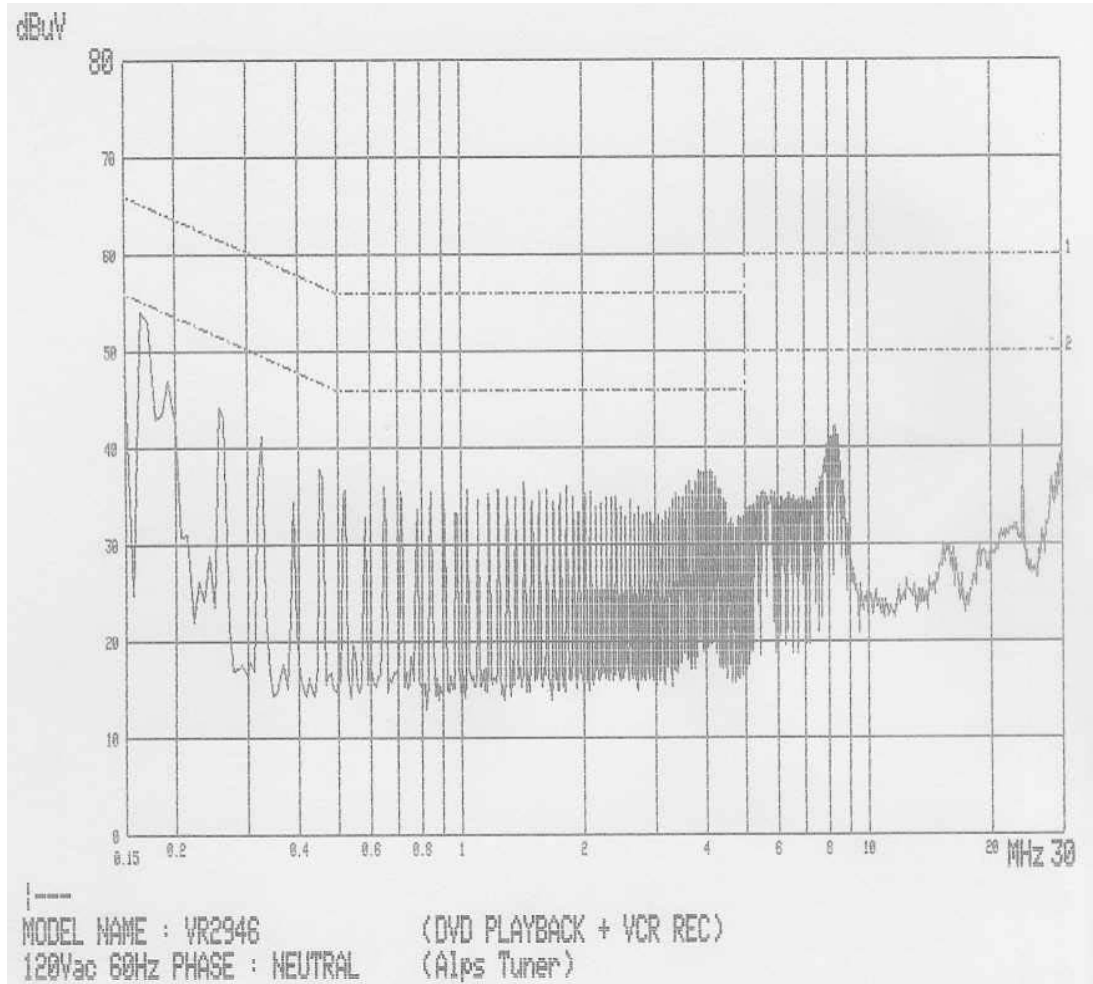


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.168	50.9	10.0	65.1	55.1	1.3	0.5	52.7	11.8	12.4	43.3
8.275	39.5	35.1	60.0	50.0	0.3	0.6	40.4	36.0	19.6	14.0
24.007	42.0	40.9	60.0	50.0	0.3	0.7	43.0	41.9	17.0	8.1

Note : Alps Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

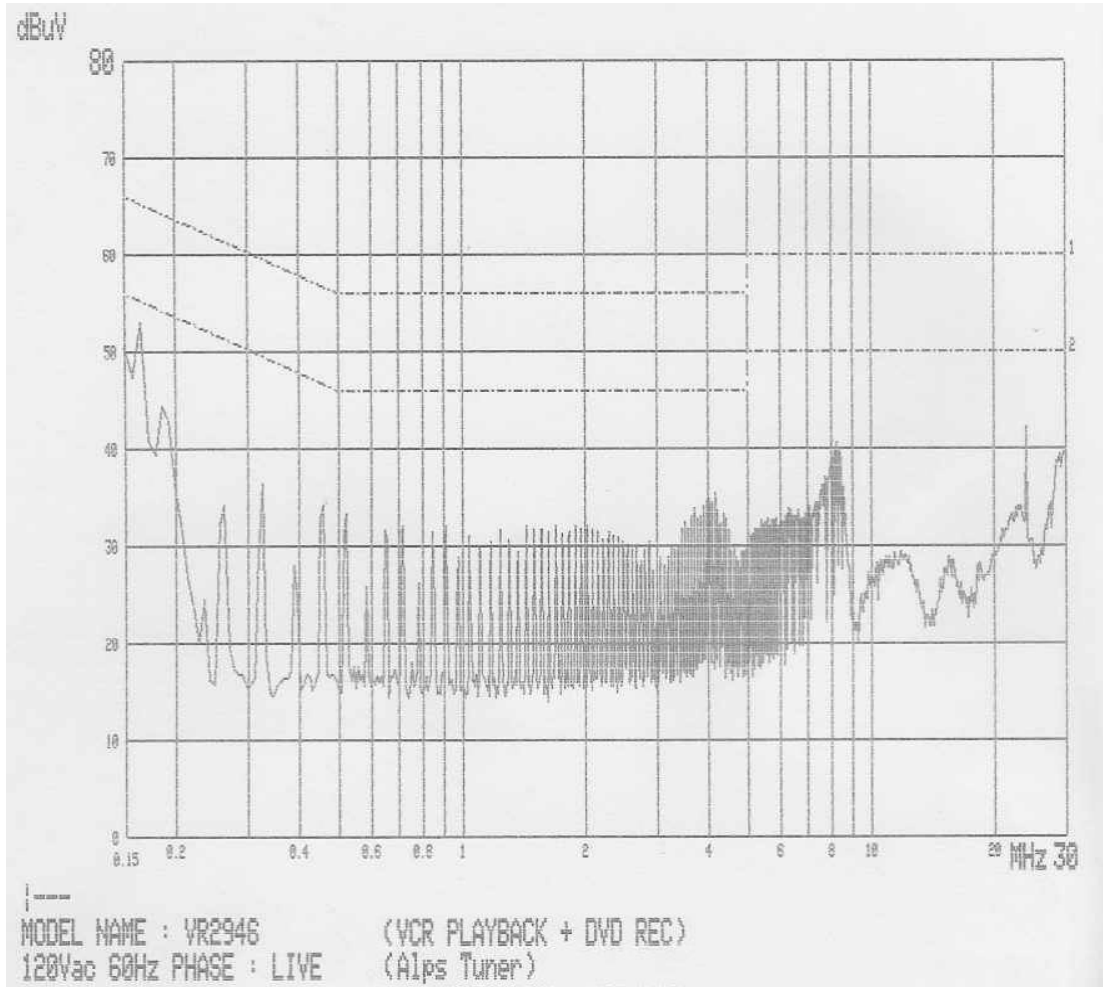


Freq. [MHz]	Measurement [dB µV]		Limit [dB µV]		Insertion Loss [dB]	Cable Loss [dBµV]	Result [dB µV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.164	51.2	9.8	65.3	55.3	1.3	0.5	53.0	11.6	12.3	43.7
0.259	44.0	42.2	61.5	51.5	0.8	0.4	45.2	43.4	16.3	8.1
8.279	41.9	37.5	60.0	50.0	0.3	0.6	42.8	38.4	17.2	11.6
24.007	41.6	40.5	60.0	50.0	0.3	0.7	42.6	41.5	17.4	8.5

Note : Alps Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

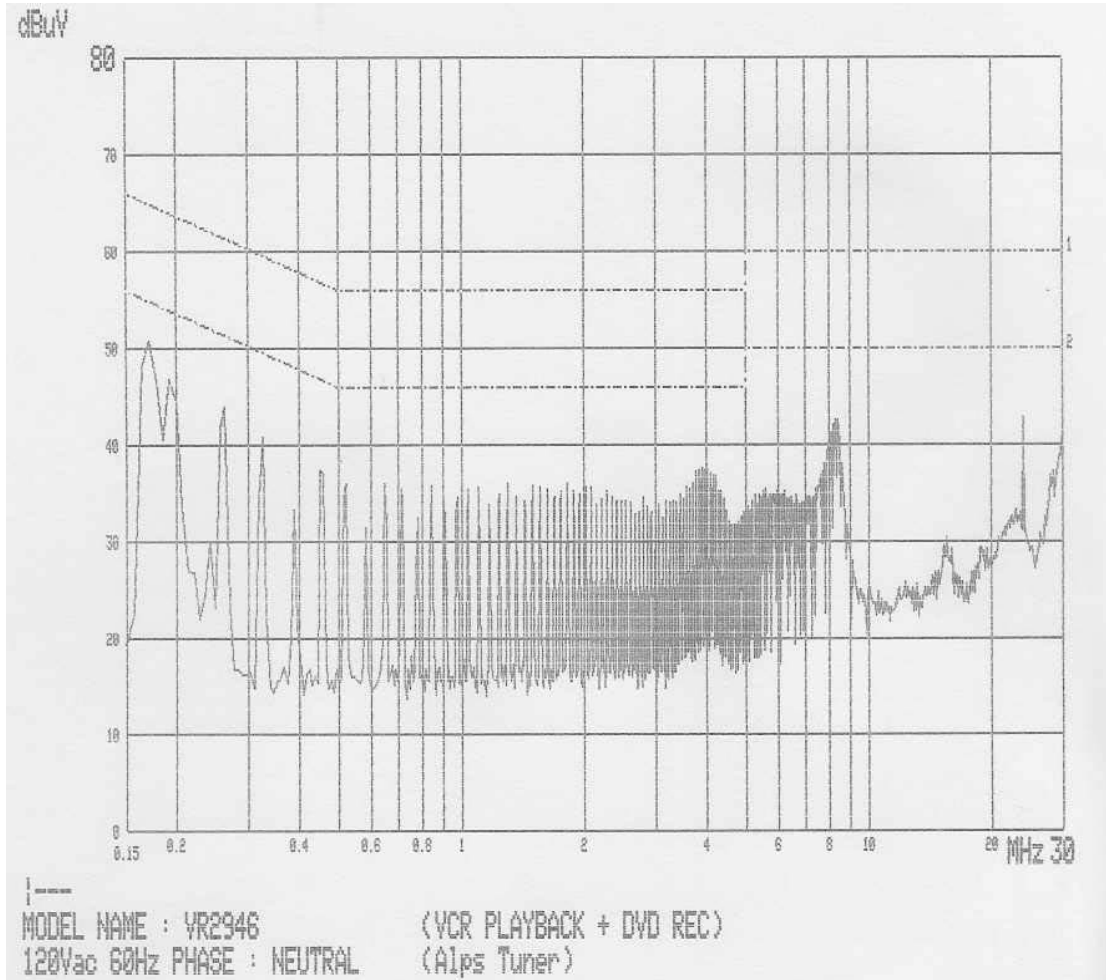


Freq. [MHz]	Measurement [dB µV]		Limit [dB µV]		Insertion Loss [dB]	Cable Loss [dBµV]	Result [dB µV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.164	51.5	10.0	65.3	55.3	1.3	0.5	53.3	11.8	12.0	43.5
8.306	39.1	34.1	60.0	50.0	0.3	0.6	40.0	35.0	20.0	15.0
24.007	42.4	40.9	60.0	50.0	0.3	0.7	43.4	41.9	16.6	8.1

Note : Alps Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

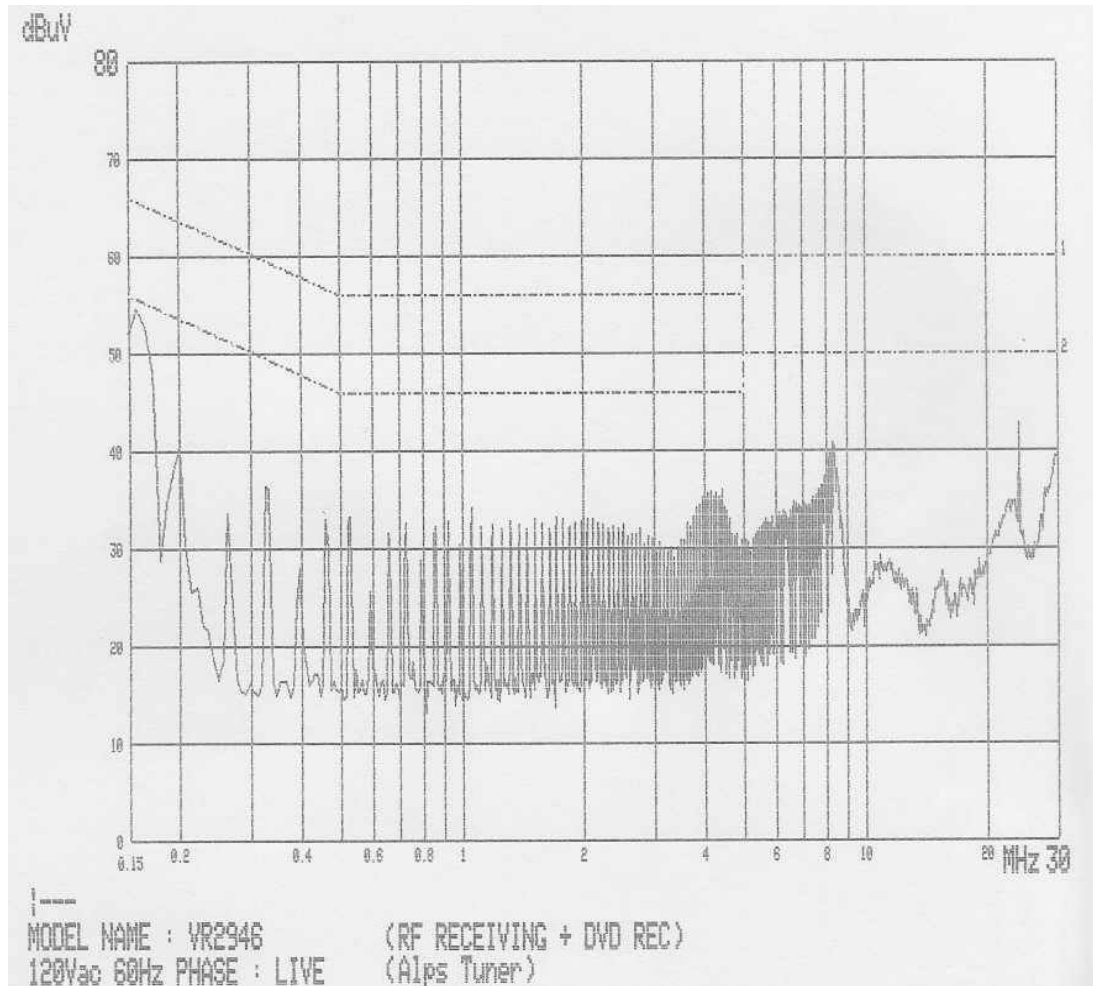


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.164	50.8	9.7	65.3	55.3	1.3	0.5	52.6	11.5	12.7	43.8
0.259	43.7	41.8	61.5	51.5	0.8	0.4	44.9	43.0	16.6	8.5
8.371	41.7	37.0	60.0	50.0	0.3	0.6	42.6	37.9	17.4	12.1
24.007	42.0	40.4	60.0	50.0	0.3	0.7	43.0	41.4	17.0	8.6

Note : Alps Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

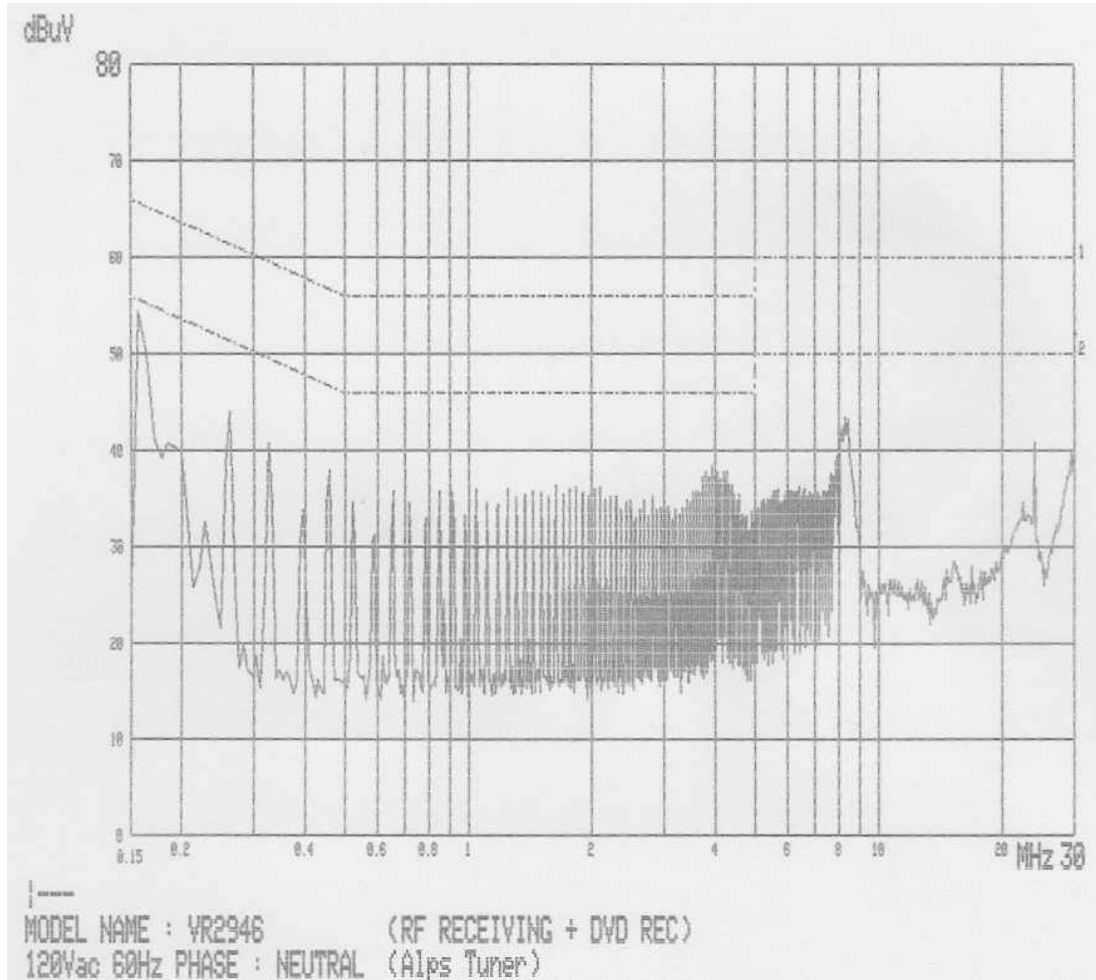


Freq. [MHz]	Measurement [dB µV]		Limit [dB µV]		Insertion Loss [dB]	Cable Loss [dBµV]	Result [dB µV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.154	52.9	10.3	65.8	55.8	1.4	0.5	54.8	12.2	11.0	43.6
4.189	34.6	32.1	56.0	46.0	0.3	0.5	35.4	32.9	20.6	13.1
8.307	40.5	34.5	60.0	50.0	0.3	0.6	41.4	35.4	18.6	14.6
24.007	42.2	41.0	60.0	50.0	0.3	0.7	43.2	42.0	16.8	8.0

Note : Alps Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

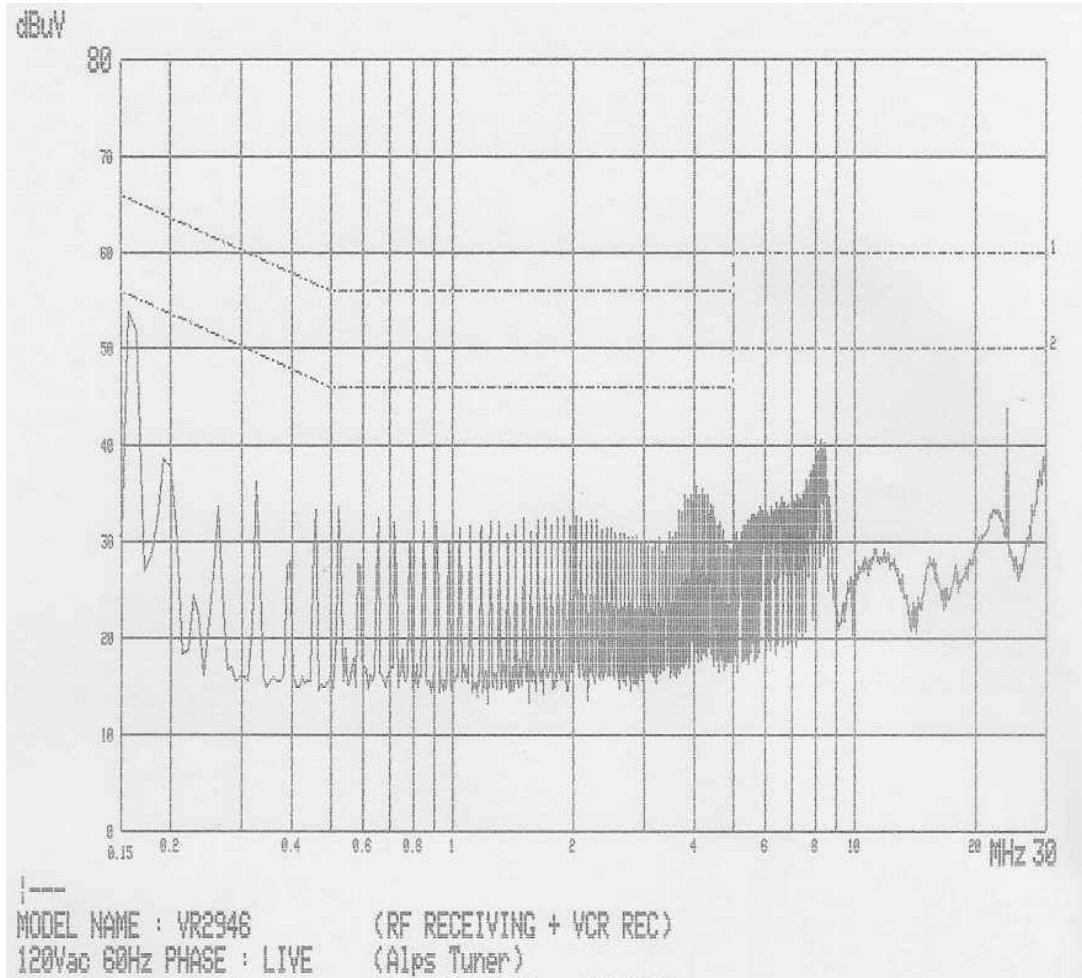


Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.165	51.2	9.9	65.2	55.2	1.3	0.5	53.0	11.7	12.2	43.5
4.041	39.1	35.2	56.0	46.0	0.3	0.5	39.9	36.0	16.1	10.0
8.276	42.9	37.8	60.0	50.0	0.3	0.6	43.8	38.7	16.2	11.3
24.007	40.0	39.8	60.0	50.0	0.3	0.7	41.0	40.8	19.0	9.2

Note : Alps Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)

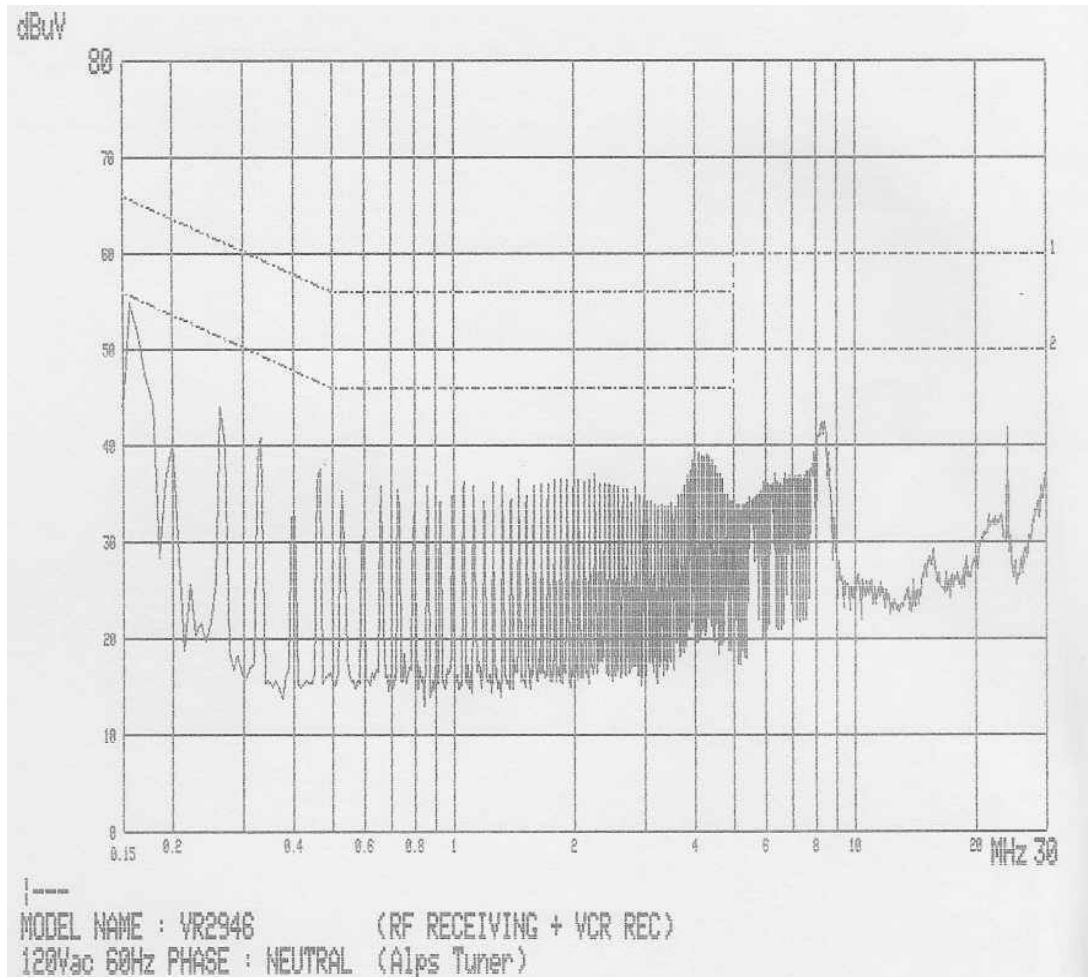


Freq. [MHz]	Measurement [dB µV]		Limit [dB µV]		Insertion Loss [dB]	Cable Loss [dBµV]	Result [dB µV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.158	52.2	10.1	65.6	55.6	1.4	0.5	54.1	12.0	11.5	43.6
8.333	39.0	34.0	60.0	50.0	0.3	0.6	39.9	34.9	20.1	15.1
24.007	41.9	40.8	60.0	50.0	0.3	0.7	42.9	41.8	17.1	8.2

Note : Alps Tuner

Conducted Emissions

(Mains Terminal Disturbance Voltages)



Freq. [MHz]	Measurement [dB μ V]		Limit [dB μ V]		Insertion Loss [dB]	Cable Loss [dBuV]	Result [dB μ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average			Q-peak	Average	Q-peak	Average
0.158	53.0	10.2	65.6	55.6	1.4	0.5	54.9	12.1	10.7	43.5
0.262	43.5	41.9	61.4	51.4	0.8	0.4	44.7	43.1	16.7	8.3
8.373	42.6	38.4	60.0	50.0	0.3	0.6	43.5	39.3	16.5	10.7
24.007	40.2	40.3	60.0	50.0	0.3	0.7	41.2	41.3	18.8	8.7

Note : Alps Tuner

TEST CONDITIONS AND DATA

Radiated Emissions

[Applicable]

◆ Test Equipment Used

The test equipment used is calibrated in regular for every year.

<u>Model Name</u>	<u>Manufacturer</u>	<u>Descriptions</u>	<u>Calibration Date</u>	<u>Serial Number</u>
ESVP	Rohde & Schwarz	Test Receiver	July 15, 2004	861744/004
VULB9160	Schwarzbeck	Antenna	July 10, 2004	3047
PM5418	FLUKE	Pattern Generator	May 10, 2004	L0796009

◆ Auxiliary Equipment Used

<u>Model Name</u>	<u>Manufacturer</u>	<u>Descriptions</u>
14C5T	Daewoo Electronics.	Color TV Receiver

◆ Accessories including cables

<u>Name</u>	<u>Length</u>	<u>Port and Descriptions</u>
RCA	1.5m	Audio/Video Out

◆ Environmental Conditions

Temperature	17°C
Humidity	49%
Atmosphere pressure	1004mbar

◆ Test Program DVD Playback + VCR REC, VCR Playback + DVD REC,
 RF Receiving + VCR REC, RF Receiving + DVD REC

◆ Test Area Open Area Test Site #2

◆ Test Date May 10, 2005

Note :

Radiated Emissions

(Disturbance Radiation)

[Applicable]

System	CH	Freq. (MHz)	Pol. (H/V)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
DVD Playback						
+		172.0	H	31.9	43.5	11.6
VCR record		184.3	H	30.4	43.5	13.1
		196.6	H	40.2	43.5	3.3
		221.2	H	31.6	46.0	14.4
		245.8	H	32.8	46.0	13.2
		254.8	H	38.0	46.0	8.0
		344.9	H	36.1	46.0	9.9
		764.5	H	39.2	46.0	6.8
VCR Playback		172.1	H	32.3	43.5	11.2
+		184.3	H	36.1	43.5	7.4
DVD record		196.6	H	40.1	43.5	3.4
		221.2	H	35.5	46.0	10.5
		245.8	H	36.5	46.0	9.5
		254.8	H	35.5	46.0	10.5
		764.5	H	38.6	46.0	7.4
RF Receiving		172.1	H	31.5	43.5	12.0
+		184.3	H	33.7	43.5	9.8
VCR record		196.6	H	39.8	43.5	3.7
		221.2	H	30.7	46.0	15.3
		245.8	H	33.3	46.0	12.7
		254.8	H	35.1	46.0	10.9
		764.5	H	39.5	46.0	6.5
RF Receiving		172.1	H	31.9	43.5	11.6
+		184.3	H	35.9	43.5	7.6
DVD record		196.6	H	40.4	43.5	3.1
		221.8	H	34.8	46.0	11.2
		245.8	H	34.9	46.0	11.1
		254.8	H	37.8	46.0	8.2
		764.7	H	38.5	46.0	7.5

Note : LG Tuner

Radiated Emissions

(Disturbance Radiation)

[Applicable]

System	CH	Freq. (MHz)	Pol. (H/V)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
DVD Playback		169.0	V	35.3	43.5	8.2
+		172.0	H	28.8	43.5	14.7
VCR record		221.2	H	26.0	46.0	20.0
		230.9	H	25.0	46.0	21.0
		238.1	H	30.5	46.0	15.5
		245.8	H	35.5	46.0	10.5
		254.7	H	42.2	46.0	3.8
VCR Playback		172.1	V	36.0	43.5	7.5
+		221.2	H	28.4	46.0	17.6
DVD record		230.9	H	24.3	46.0	21.7
		238.0	H	28.1	46.0	17.9
		245.8	H	33.5	46.0	12.5
		254.7	H	42.1	46.0	3.9
RF Receiving		169.7	V	29.5	43.5	14.0
+		172.0	H	34.8	43.5	8.7
VCR record		221.2	H	29.8	46.0	16.2
		230.9	H	30.1	46.0	15.9
		238.1	H	29.1	46.0	16.9
		245.8	H	35.0	46.0	11.0
		259.7	H	35.0	46.0	11.0
RF Receiving		172.0	V	35.1	43.5	8.4
+		221.2	H	28.6	46.0	17.4
DVD record		230.9	H	23.3	46.0	22.7
		238.1	H	23.8	46.0	22.2
		245.8	H	32.6	46.0	13.4
		254.7	H	41.8	46.0	4.2

Note : Alps Tuner

The DUT photos



Front View



Rear View

The DUT photos



Front View

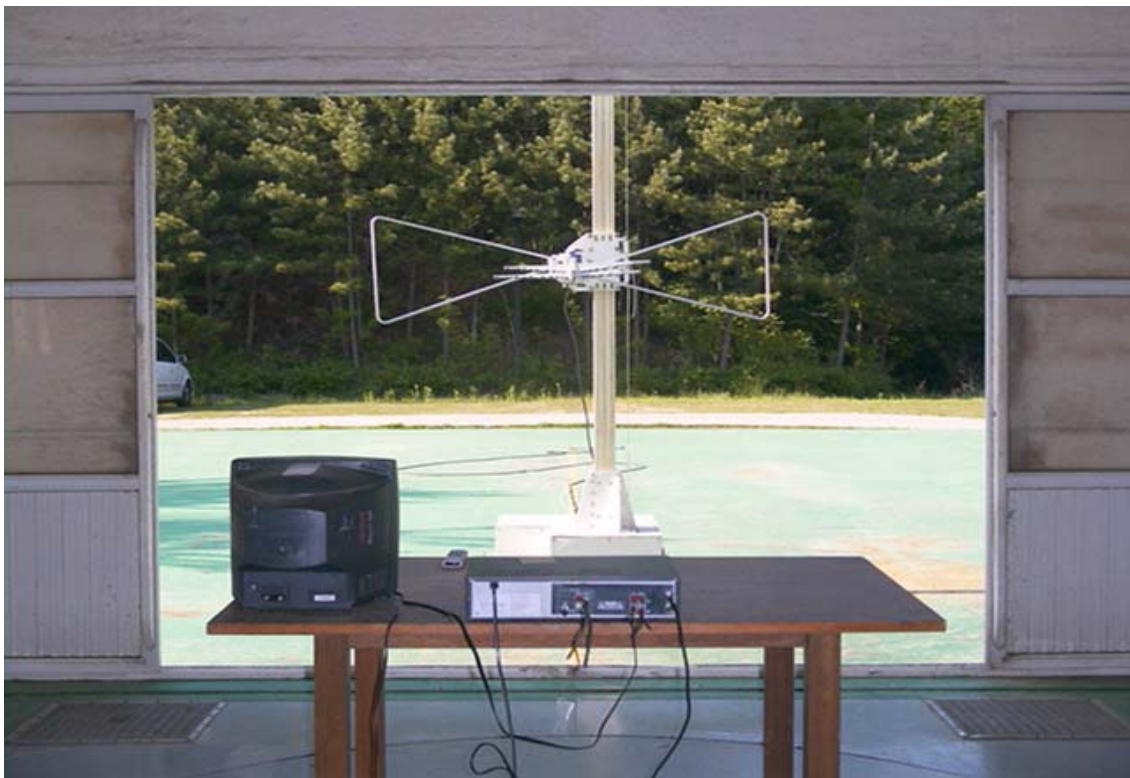


Rear View

Test Setup Photos - Radiated Emissions



Front View



Rear View

Test Setup Photos - Conducted Emissions



Front View



Rear View