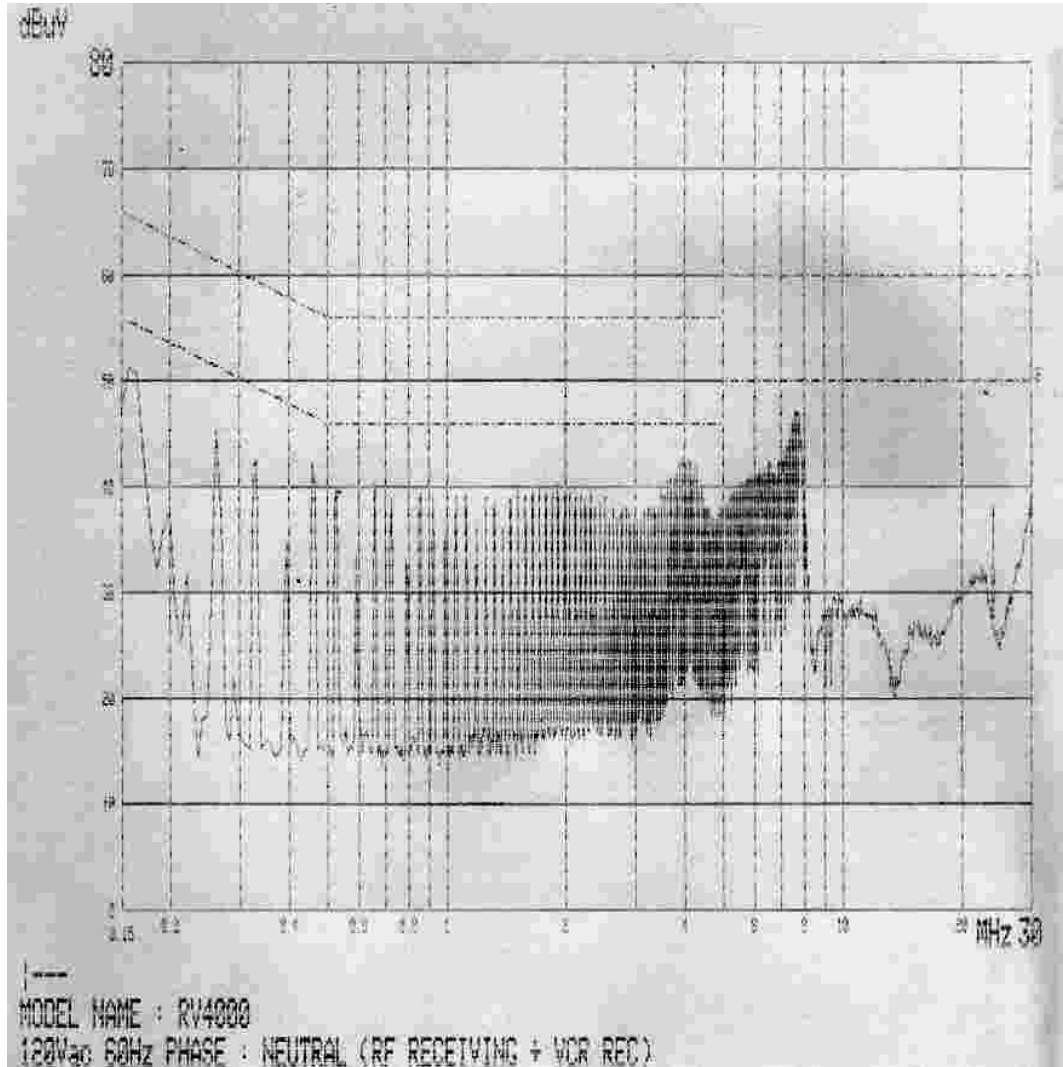


**Conducted Emissions**

(Mains Terminal Disturbance Voltages)

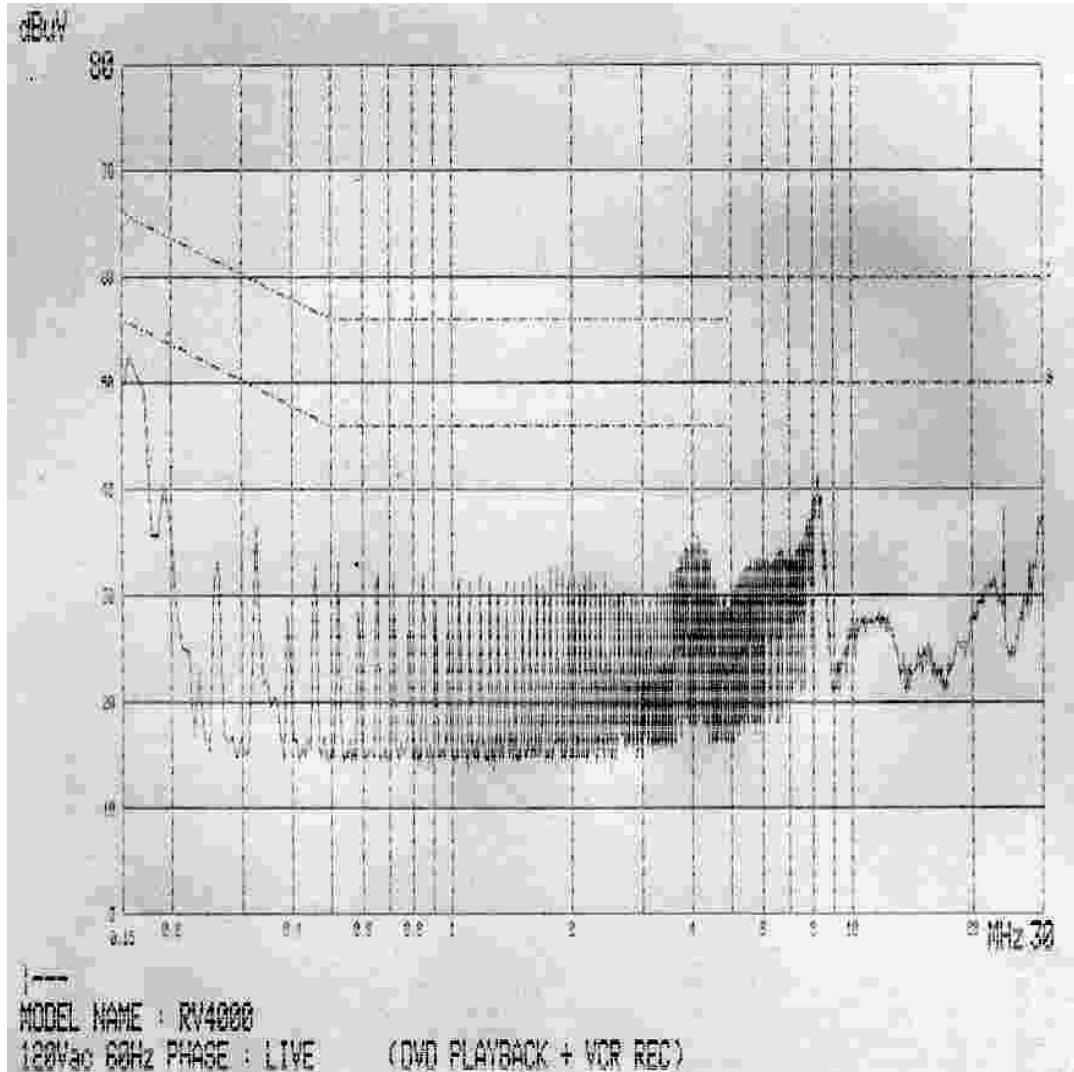


Freq. [MHz]	Measurement [dB $\mu$ V]		Limit [dB $\mu$ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.153	55.4	11.7	65.8	55.8	10.4	44.1
0.461	42.6	42.6	56.7	46.7	14.1	4.1
4.087	43.5	41.4	56.0	46.0	12.5	4.6
7.712	47.7	43.3	60.0	50.0	12.3	6.7

Note : LG Tuner

**Conducted Emissions**

(Mains Terminal Disturbance Voltages)

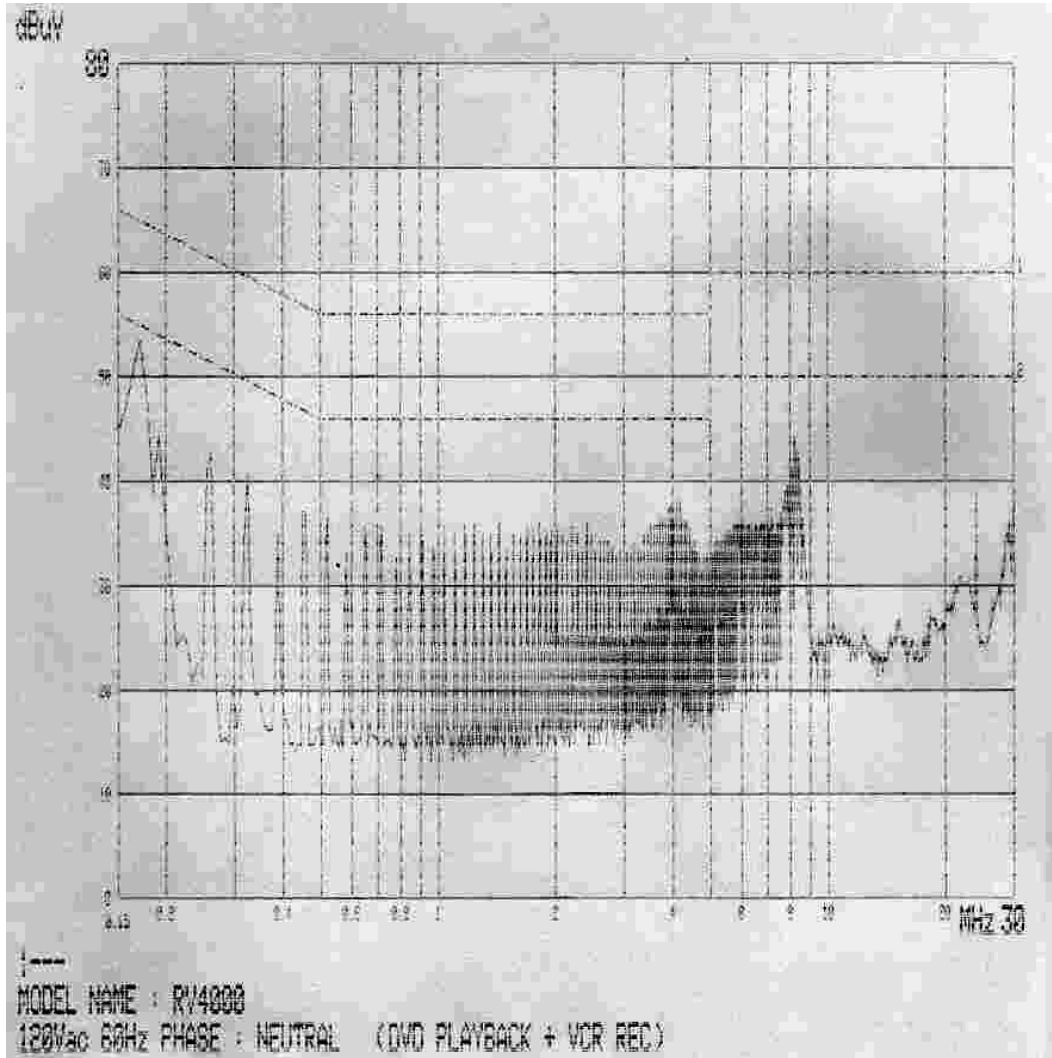


Freq. [MHz]	Measurement [dB µV]		Limit [dB µV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.159	53.5	12.4	65.5	55.5	12.0	43.1
4.156	35.6	32.8	56.0	46.0	20.4	13.2
8.246	42.4	36.5	60.0	50.0	17.6	13.5

Note : Alps Tuner

**Conducted Emissions**

(Mains Terminal Disturbance Voltages)

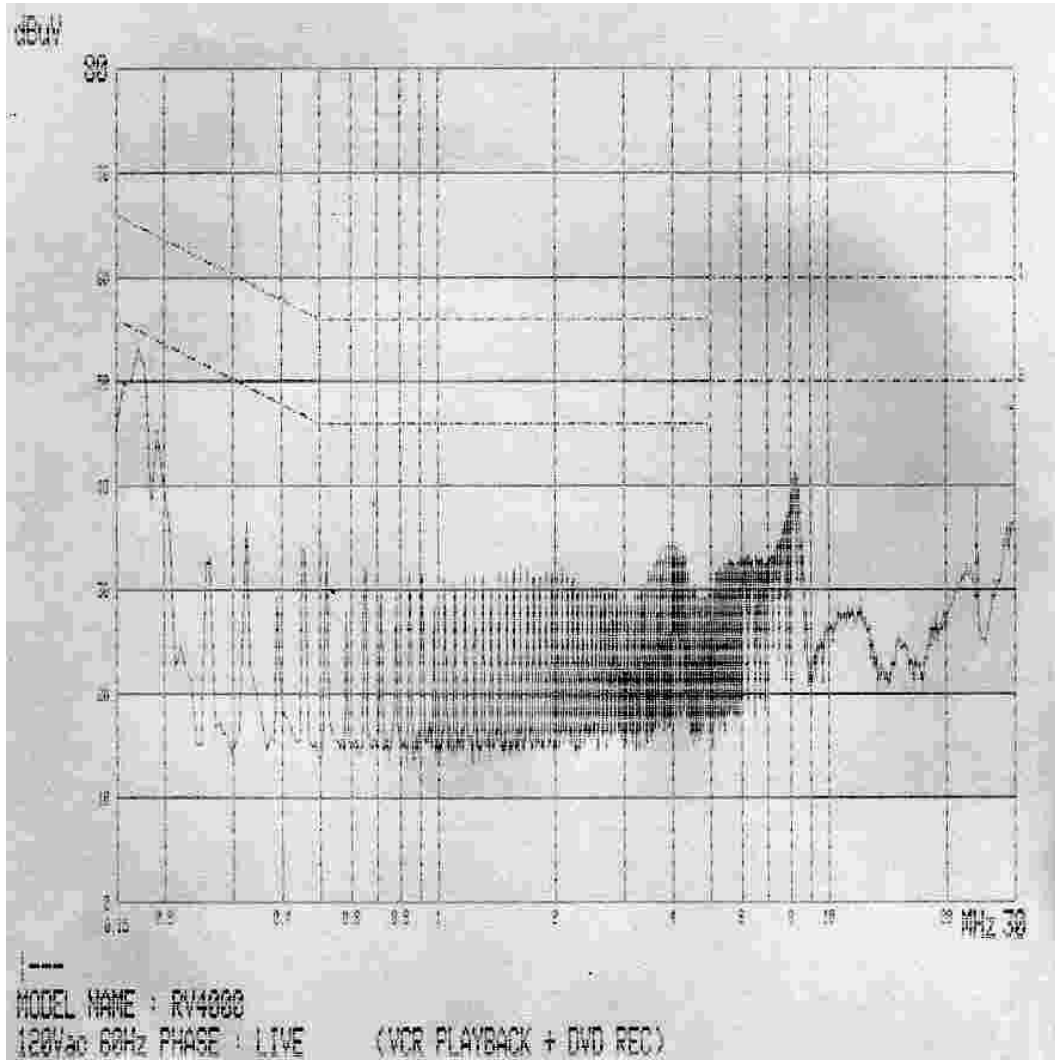


Freq. [MHz]	Measurement [dB μV]		Limit [dB μV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.163	53.0	11.9	65.3	55.3	12.3	43.4
4.216	39.5	35.4	56.0	46.0	16.5	10.6
8.302	44.1	39.8	60.0	50.0	15.9	10.2

Note : Alps Tuner

**Conducted Emissions**

(Mains Terminal Disturbance Voltages)

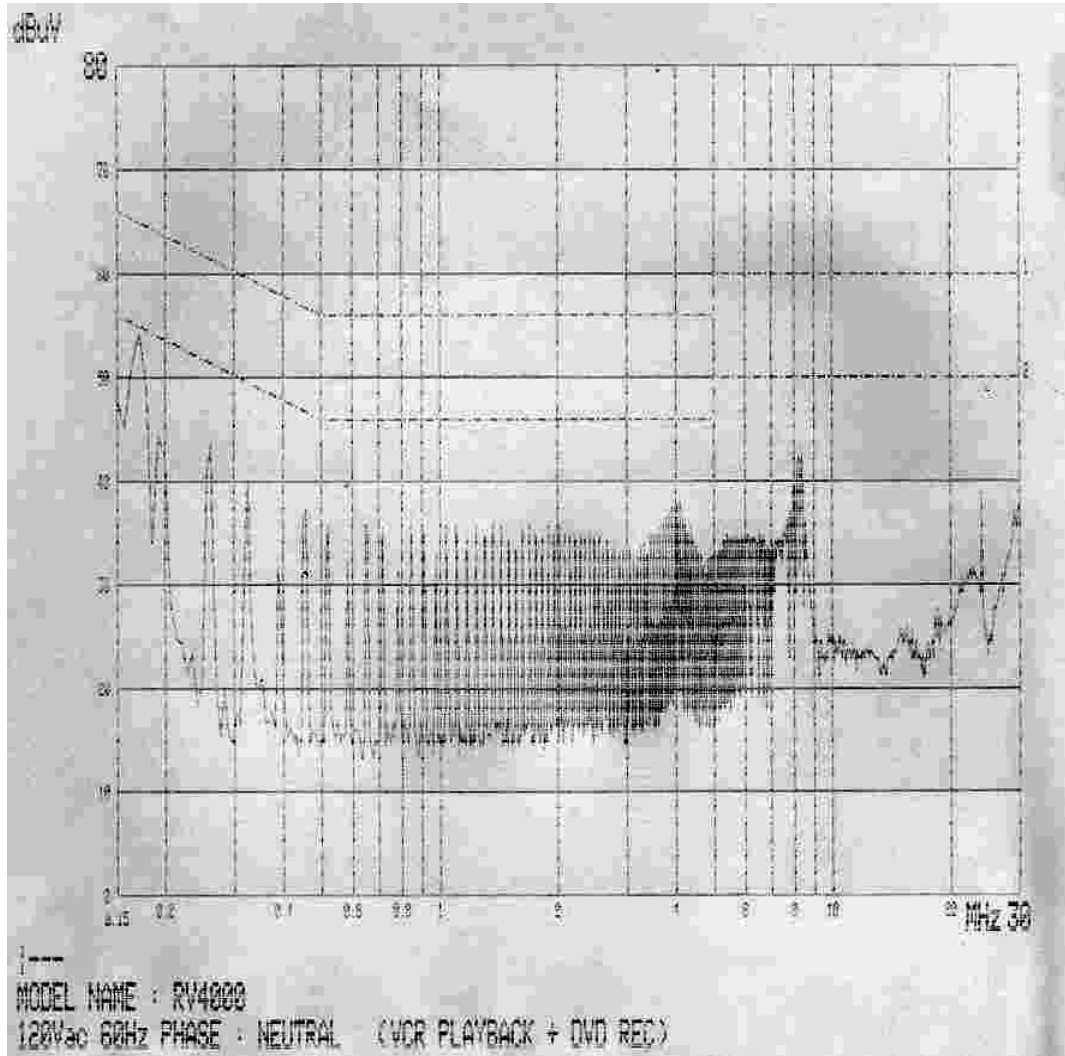


Freq. [MHz]	Measurement [dB $\mu$ V]		Limit [dB $\mu$ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.166	53.2	11.5	65.2	55.2	12.0	43.7
4.035	35.5	32.7	56.0	46.0	20.5	13.3
8.265	42.5	37.0	60.0	50.0	17.5	13.0

Note : Alps Tuner

**Conducted Emissions**

(Mains Terminal Disturbance Voltages)

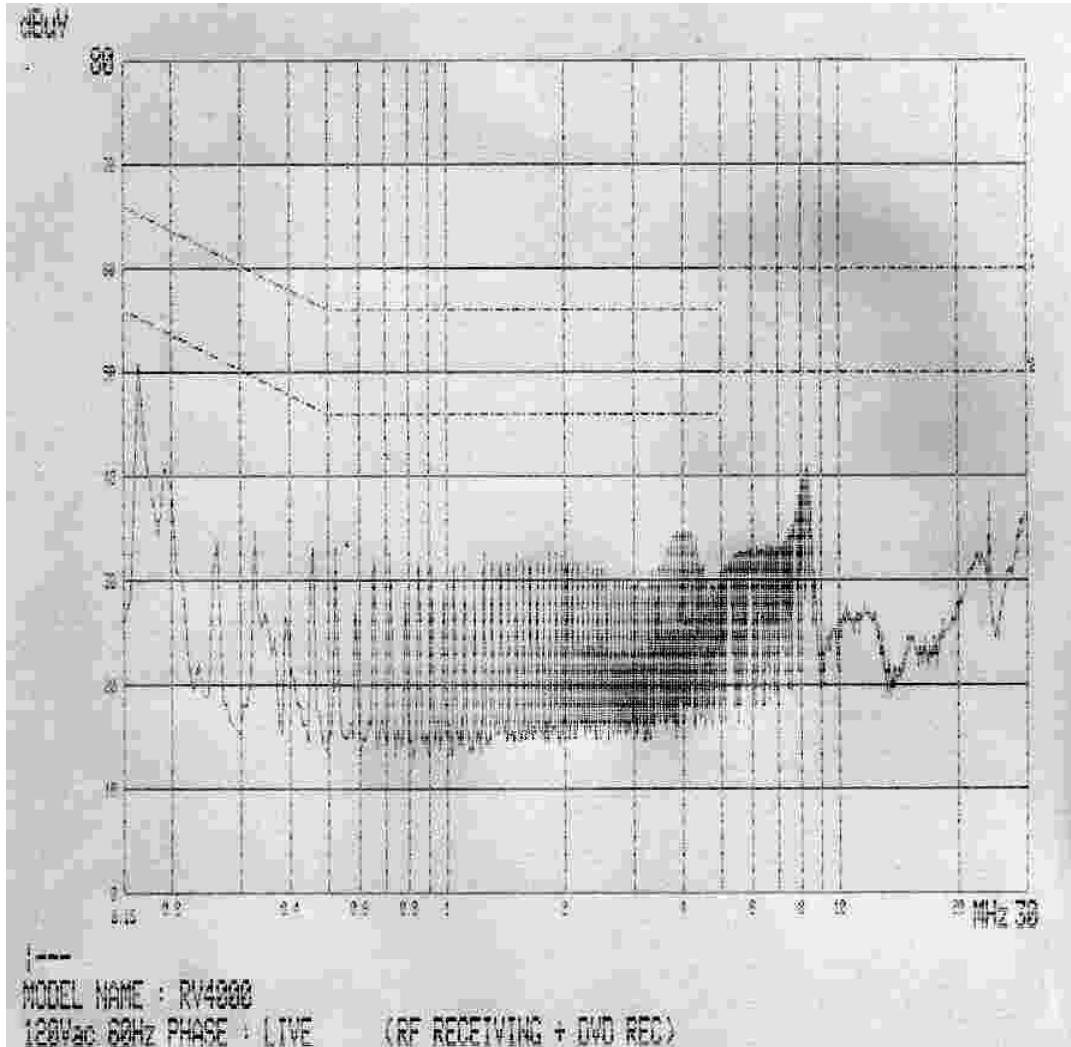


Freq. [MHz]	Measurement [dB $\mu$ V]		Limit [dB $\mu$ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.164	52.7	11.6	65.3	55.3	12.6	43.7
4.163	38.0	34.5	56.0	46.0	18.0	11.5
8.325	43.6	38.3	60.0	50.0	16.4	11.7

Note : Alps Tuner

**Conducted Emissions**

(Mains Terminal Disturbance Voltages)

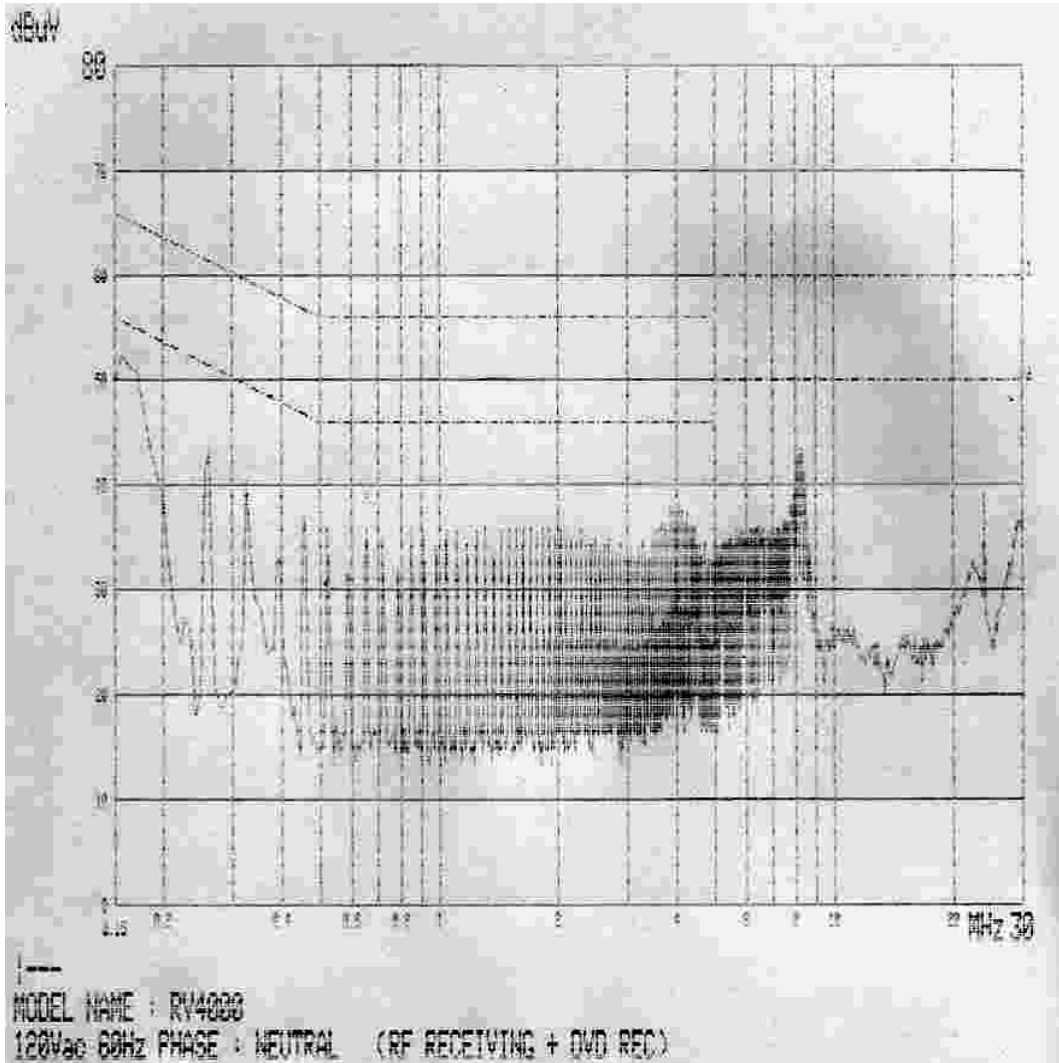


Freq. [MHz]	Measurement [dB $\mu$ V]		Limit [dB $\mu$ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.162	53.3	12.5	65.4	55.4	12.1	42.9
4.046	35.8	32.8	56.0	46.0	20.2	13.2
8.353	40.4	34.8	60.0	50.0	19.6	15.2

Note : Alps Tuner

**Conducted Emissions**

(Mains Terminal Disturbance Voltages)

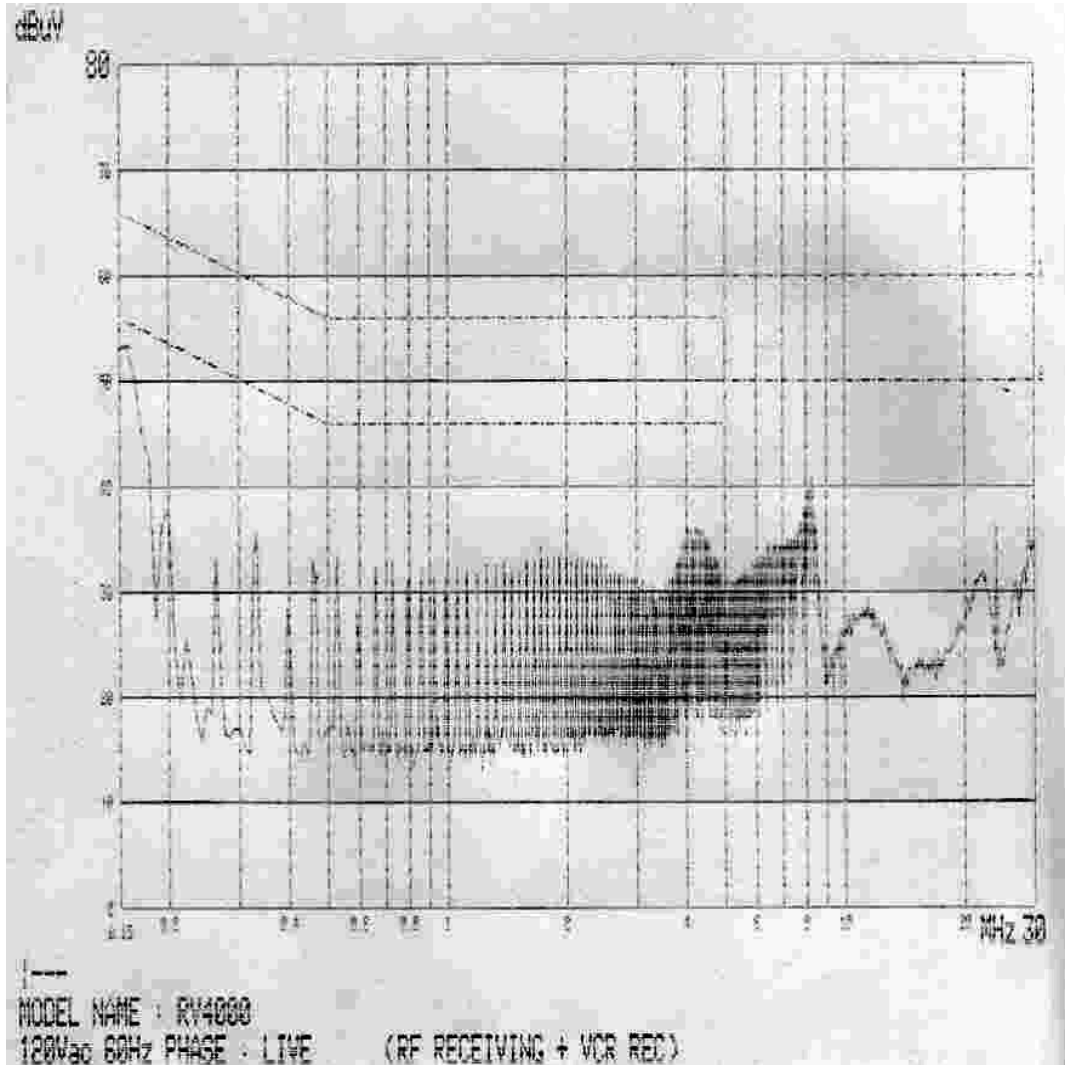


Freq. [MHz]	Measurement [dB $\mu$ V]		Limit [dB $\mu$ V]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.159	53.5	12.9	65.5	55.5	12.0	42.6
4.046	38.9	36.0	56.0	46.0	17.1	10.0
8.289	43.9	38.8	60.0	50.0	16.1	11.2

Note : Alps Tuner

**Conducted Emissions**

(Mains Terminal Disturbance Voltages)



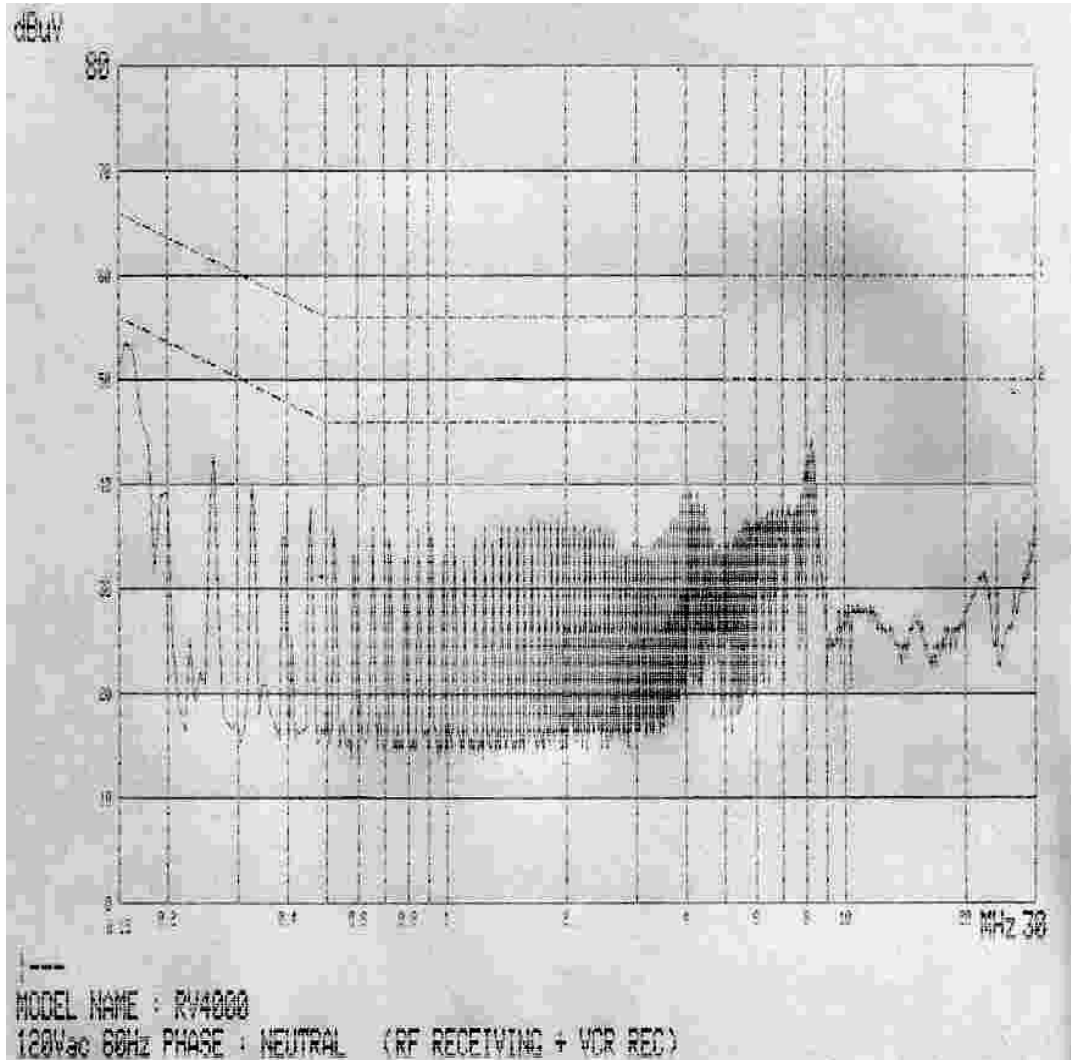
Freq. [MHz]	Measurement [dB μV]		Limit [dB μV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.151	56.1	14.5	65.9	55.9	9.8	41.4
4.061	36.9	34.7	56.0	46.0	19.1	11.3
8.247	42.3	36.6	60.0	50.0	17.7	13.4

Note : Alps Tuner



**Conducted Emissions**

(Mains Terminal Disturbance Voltages)



Freq. [MHz]	Measurement [dB μV]		Limit [dB μV]		Margin [dB]	
	Q-peak	Average	Q-peak	Average	Q-peak	Average
0.158	54.2	13.7	65.6	55.6	11.4	41.9
4.109	39.6	36.9	56.0	46.0	16.4	9.1
8.217	44.3	39.9	60.0	50.0	15.7	10.1

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 19, 2004	3047
PM5418	FLUKE	Pattern Generator	May 10, 2004	L0796009

◆ Auxiliary Equipment Used

<u>Model Name</u>	<u>Manufacturer</u>	<u>Descriptions</u>
14C5T BLU	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	13°C
Humidity	48 %
Atmosphere pressure	1002mbar

◆ 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                            March 11, 2005

Note :

**Radiated Emissions**

(Disturbance Radiation)

[Applicable]

System	CH	Freq. (MHz)	Pol. (H/V)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
DVD Playback						
+		164.4	H	26.8	43.5	16.7
VCR record		184.3	H	34.8	43.5	8.7
		196.6	H	34.2	43.5	9.3
		221.2	H	34.5	46.0	11.5
		254.8	H	36.0	46.0	10.0
		300.0	H	40.2	46.0	5.8
		346.4	H	42.9	46.0	3.1
		450.0	H	36.3	46.0	9.7
		764.6	H	39.4	46.0	6.6
VCR Playback						
+		164.4	H	26.9	43.5	16.6
		184.3	H	33.8	43.5	9.7
		196.6	H	33.9	43.5	9.6
DVD record		221.2	H	34.2	46.0	11.8
		254.8	H	35.7	46.0	10.3
		300.0	H	40.0	46.0	6.0
		346.4	H	42.6	46.0	3.4
		450.0	H	36.2	46.0	9.8
		764.6	H	39.5	46.0	6.5
RF Receiving						
+		164.4	H	26.6	43.5	16.9
VCR record		184.3	H	34.6	43.5	8.9
		196.6	H	34.0	43.5	9.5
		221.2	H	34.3	46.0	11.7
		254.8	H	36.1	46.0	9.9
		300.0	H	40.0	46.0	6.0
		346.4	H	42.7	46.0	3.3
		450.0	H	36.4	46.0	9.6
		764.6	H	39.8	46.0	6.2
RF Receiving						
+		164.4	H	26.5	43.5	17.0
DVD record		184.3	H	34.6	43.5	8.9
		196.6	H	33.9	43.5	9.6
		221.2	H	34.3	46.0	11.7
		254.8	H	35.8	46.0	10.2
		300.0	H	39.9	46.0	6.1
		346.4	H	42.5	46.0	3.5
		450.0	H	36.2	46.0	9.8
		764.6	H	39.5	46.0	6.5

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						
+		172.0	V	33.7	43.5	9.8
VCR record		184.3	V	31.4	43.5	12.1
		221.2	H	25.6	46.0	20.4
		245.8	H	34.8	46.0	11.2
		254.7	H	39.2	46.0	6.8
		300.0	H	36.4	46.0	9.6
		344.1	H	33.1	46.0	12.9
		600.0	V	35.5	46.0	10.5
VCR Playback						
+		172.0	V	34.7	43.5	8.8
DVD record		184.3	V	31.8	43.5	11.7
		221.2	H	25.4	46.0	20.6
		245.8	H	34.9	46.0	11.1
		254.7	H	38.7	46.0	7.3
		300.0	H	35.8	46.0	10.2
		344.1	H	32.9	46.0	13.1
		600.0	V	35.9	46.0	10.1
RF Receiving						
+		172.0	V	35.1	43.5	8.4
VCR record		184.3	V	31.7	43.5	11.8
		221.2	H	25.5	46.0	20.5
		245.8	H	34.6	46.0	11.4
		254.7	H	39.1	46.0	6.9
		300.0	H	36.1	46.0	9.9
		344.1	H	33.0	46.0	13.0
		600.0	V	35.7	46.0	10.3
RF Receiving						
+		172.0	V	32.9	43.5	10.6
DVD record		184.3	V	31.5	43.5	12.0
		221.2	H	25.3	46.0	20.7
		245.8	H	34.9	46.0	11.1
		254.7	H	39.1	46.0	6.9
		300.0	H	36.1	46.0	9.9
		344.1	H	32.5	46.0	13.5
		600.0	V	35.6	46.0	10.4

Note : Alps Tuner

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