



ONETECH Corp.

2F. KUNHAN BLDG, 1557-11 SEOCHO-DONG, SEOCHO-KU, SEOUL 137-070
KOREA
TEL:587-9037 FAX:587-9039

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

TV INTERFACE DEVICE
CERTIFICATION TO FCC PART 15 REQUIREMENT

PRODUCT	VIDEO CASSETTE PLAYER		
FCC ID	BRFVPDD301		
MODEL NO.	MA/2X-2	SERIAL NO.	N/A
APPLICANT & ADDRESS	KOREA ELECTRONICS CO., LTD. 275-7, YANGJAE-DONG, SEOCH-KU, SEOUL, 137-130, KOREA		

REPORT NO.	E98NR-004	ISSUE DATE	November 05, 1998
PREPARED BY : ONETECH CORPORATION 2 F. KUNHAN B/D, 1557-11, SEOCHO-DONG, SEOCHO-KU, SEOUL 137-070 KOREA (TEL)02-587-9037(FAX)02-587-9039			

LIST OF EXHIBITS

FCC ID : BRFVPDD301
MODEL : MA/2X-2
“VIDEO CASSETTE PLAYER”

- EXHIBIT
1. IDENTIFICATION LABEL
 2. AGENT AUTHORIZATION
 3. MODIFICATION LIST
 4. TECHNICAL INFORMATION:
ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT
 5. PHOTO REPORT
 6. USER'S MANUAL & SCHEMATIC (BLOCK DIAGRAM)

PREPARED BY : ONETECH CORPORATION
2 F. KUNHAN B/D, 1557-11, SEOCHO-DONG, SEOCHO-KU,
SEOUL 137-070 KOREA (TEL)02-587-9037(FAX)02-587-9039

EXHIBIT 1. IDENTIFICATION LABEL:**PROPOSED FCC LABEL (Part 15 sec. 15.19)**

The following ID Label will be attached on the rear side of a product.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations.

FCC ID : BRFVPDD301

“Please find an ID Label for EUT at ID Label/Location Info in Exhibit Type”

EXHIBIT 2. AGENT AUTHORIZATION:

“Please find an Agent Authorization Letter at Attestation Statements in Exhibit Type”

EXHIBIT 3. MODIFICATION LIST:

“There was no modified items during EMI test”

EXHIBIT 4. TECHNICAL INFORMATION:**ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT**

TV INTERFACE DEVICE CERTIFICATION TO FCC PART 15 REQUIREMENT

PRODUCT	VIDEO CASSETTE PLAYER		
FCC ID	BRFVPDD301		
MODEL NO.	MA/2X-2	SERIAL NO.	N/A
APPLICANT & ADDRESS	KOREA ELECTRONICS CO., LTD. 275-7, YANGJAE-DONG, SEOCH-KU, SEOUL, 137-130, KOREA		

REPORT NO.	E98NR-004	ISSUE DATE	November 05, 1998
PREPARED BY : ONETECH CORPORATION 2 F. KUNHAN B/D, 1557-11, SEOCHO-DONG, SEOCHO-KU, SEOUL 137-070 KOREA (TEL)02-587-9037(FAX)02-587-9039			

TABLE OF CONTENTS

	page
1. VERIFICATION OF COMPLIANCE.....	1
2. GENERAL INFORMATION.....	2
2.1 Product Description.....	2
2.2 Related Submittal(s) / Grant(s)	2
2.3 Test System Details.....	3
2.4 Test Methodology	3
2.5 Test Facility	3
3. SYSTEM TEST CONFIGURATION	4
3.1 Justification.....	4
3.2 EUT exercise Software	4
3.3 Cable Description	4
3.4 Noise Suppression Parts on Cable.....	4
3.5 Equipment Modifications	5
3.6 Configuration of Test System	5
3.6.1 Line Conducted Test	5
3.6.2 Radiated Emission Test.....	5
3.6.3 Output Signal Level Test	5
3.6.4 Output Terminal Conducted Spurious Emission test :	6
3.6.5 Transfer Switch Isolation Test	6
4. PRELIMINARY TEST.....	7
4.1 AC Powerline Conducted Emissions Test	7
4.2 Radiated Emissions Test	7
5. CONDUCTED AND RADIATED MEASUREMENT PHOTOS.....	8
6. FINAL TEST DATA SUMMARY.....	10
6.1 Conducted Emissions Test	10
6.2 Radiated Emission Test.....	12
6.3 Output Signal Level Test	13
6.4 Output Terminal Conducted Spurious Emissions Test	14
6.5 Transfer Switch Isolation Test	15
7. FIELD STRENGTH CALCULATION.....	16
8. LIST OF TEST EQUIPMENT.....	17

1. VERIFICATION OF COMPLIANCE

APPLICANT : KOREA ELECTRONICS CO., LTD.
275-7, YANGJAE-DONG, SEOCH-KU, SEOUL, 137-130, KOREA

CONTACT PERSON : Eui-Yeun, Kim / Associate engineer

TELEPHONE NO : 82-546-467-3553

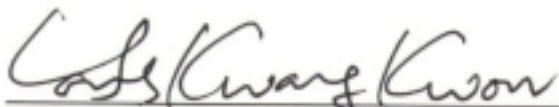
FCC ID : BRFVPDD301 MODEL NO/NAME : MA/2X-2

SERIAL NUMBER : N/A

DATE : November 05, 1998

DEVICE TYPE	TV Interface Device-Unintentional Radiator
E.U.T. DESCRIPTION	VIDEO CASSETTE PLAYER
THIS REPORT CONCERNS	ORIGINAL GRANT
MEASUREMENT PROCEDURES	MP-3, ANSI C63.4/1992
TYPE OF EQUIPMENT TESTED	PRE-PRODUCTION
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	CERTIFICATION
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	PART 15
MODIFICATIONS ON THE EQUIPMENT TO ACHIEVE COMPLIANCE	NO
FINAL TEST WERE CONDUCTED ON	3 METER OPEN TEST SITE

The above equipment was tested by ONETECH CORPORATION for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.


YONG KWANG, KWON / CHIEF ENGINEER
EMC TESTING DEPARTMENT
ONETECH Testing & Eval. Lab.
SEOUL KOREA

2. GENERAL INFORMATION

2.1 Product Description

The KOREA ELECTRONICS CO., LTD., Model MA/2X-2 (referred to as the EUT in this report) is a VIDEO CASSETTE PLAYER. Product specification information described herein was obtained from product data sheet or user's manual.

CHASSIS TYPE	Metal
LIST OF EACH OSC. OR CRY. FREQ.(FREQ.>=1MHz)	3.58 , 8
POWER REQUIREMENT	12V DC(CAR BATTERY or ADAPTER), 11W
TELEVISION SYSTEM	EIA Standard 525 Lines/60 Fields, NTSC Color System
CASSETTE TYPE	1/2" Video-VHS Type
RF-OUTPUT CHANNEL(s)	CHANNEL 3 AND 4
RF IN/OUT TERMINAL IMPEDANCE	75 OHM (Unbalanced F-Type coaxial)
NUMBER OF RF IN/OUT TERMINAL	1 EA AT EACH
TERMINAL(S) FOR SIGNAL	VIDEO/AUDIO OUT WITH RCA-TYPE JACK
ACCESSORIES CONNECTED TO THE EUT	75 Ohm Coaxial cable for RF-OUT terminal provided by manufacturer, DC power cord for car

Model Differences:

No other model differences have been mentioned

2.2 Related Submittal(s) / Grant(s)

Original submittal only

2.3 Test System Details

The Model numbers for all equipment used in the tested system are:

Model	Manufacturer	FCC ID	Description	Connected to
MA/2X-2	KOREA ELECTRONICS	BRFVPDD301	Video Cassette Player (EUT)	N/A
CT-1447	SAMSUNG ELECTRONICS	N/A	TELEVISION	EUT
A41312D	SAMSUNG ELECTRIC	N/A	AC/DC Adapter	EUT

2.4 Test Methodology

The measurement for Radiated Emissions, Line Conducted Emissions, Output signal levels, Output Terminal Conducted Spurious Emissions and Transfer Switch Isolation were performed in accordance with the procedures described in MP-3 and ANSI C63.4/1992. Radiated testing was performed at an antenna to EUT distance of 3 meters.

2.5 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located on at 426-1 Daessangryung-Ri, Chowol-Myun, Kwangju-Kun, Kyunggi-Do 464-080 Korea. Detailed description of test facility was submitted to the Commission on January 24, 1996(31040/SIT, 1200F2).

3. SYSTEM TEST CONFIGURATION

3.1 Justification

The device was configured for testing in a typical fashion (as a customer would normally use it). During the test, the following components inside the EUT were installed.

DEVICE TYPE	MANUFACTURER	MODEL/PART NUMBER	FCC ID
RF MODULATOR	KOREA ELECTRONICS	KCR101N	N/A
MAIN BOARD	KOREA ELECTRONICS	PVDM01-1	N/A

3.2 EUT exercise Software

According to the requirements in Subpart B of Part 15, the measurement is made at each function of the EUT being connected with appropriate cables and loads.

The model MA/2X-2 has a video/audio output terminal in RCA-type plugs, antenna input and RF output terminal. Therefore, every measurement was investigated in the operation modes, Playing VITS 1 Vp-p recorded tape at each CH. 3 or/and 4 for each mode applicable.

3.3 Cable Description

	Power Cord Shielded (Y/N)	I/O cable Shielded (Y/N)	Length (M)
Video Cassette Player(EUT)	N	N	1.5(P),1.2(D)
TELEVISION	N	N	1.2(P),1.2(D)

* The marked "(D)" means the Data Cable and "(P)" means the Power Cable.

3.4 Noise Suppression Parts on Cable

	Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
Video Cassette Player(EUT)	N	N/A	Y	BOTH END
TELEVISION	N	N/A	Y	BOTH END

3.5 Equipment Modifications

- . There was no modified item during EMI test

3.6 Configuration of Test System

3.6.1 Line Conducted Test

EUT was connected to LISN, all supporting equipments were connected to another LISN. Preliminary Powerline Conducted Emission test was performed by using the procedure in ANSI C63.4/1992 7.2.3 to determine the worse operating conditions.

3.6.2 Radiated Emission Test

Preliminary radiated emissions test were conducted using the procedure in ANSI C63.4/1992 8.3.1.1 to determine the worse operating conditions. Final radiated emission test was conducted at 3 meter open area test site.

3.6.3 Output Signal Level Test

The output voltage of video carrier frequency at the RF-output terminal of the EUT was measured at each channel (CH. 3 & 4) connecting directly to a spectrum analyzer with 50Ohm input impedance via 75-to-50Ohm matching pad. Indicated voltage on screen of measuring instrument was converted to the voltage of 75Ohm system.

Data conversion method is as follows.

$$V_{75}[\mu V] = 10^{(V_r + CF)/20}[\mu V]$$

here, V_{75} : Voltage at the RF-out terminal of 75Ohm in μV ,
 V_r : Voltage read at analyzer with 50Ohm input-impedance in dBuV,
 CF : Conversion Factor of the matching pad in dB.

3.6.4 Output Terminal Conducted Spurious Emission test

Any other spectrum at RF-output terminal appearing on frequencies removed by more than 4.6MHz below or 7.4 MHz above the video carrier frequency of EUT was searched at each channel.

Data conversion method is as follows.

$$V_{75}[\text{uV}] = 10^{(V_r + CF + AT)/20}[\text{uV}]$$

here, V_{75} : Voltage at the RF-out terminal of 75Ohm in uV,
 V_r : Voltage read at analyzer with 50Ohm input-impedance in dBuV,
CF : Conversion Factor of the matching pad in dB,
AT : Attenuation of attenuator in dB.

3.6.5 Transfer Switch Isolation Test

As a transfer switch was equipped with EUT as an antenna-in, measurement of isolation were made at RF-input terminal with rated input impedance.

The maximum voltage of video carrier frequency of the EUT at the antenna input (RF-in) terminal of the switch was measured for both channels.

Data conversion method is as follows.

$$V_{75}[\text{uV}] = 10^{(V_r + CF - PG + AT)/20}[\text{uV}]$$

here, V_{75} : Voltage at the RF-out terminal of 75Ohm in uV,
 V_r : Voltage read at analyzer with 50Ohm input-impedance in dBuV,
CF : Conversion Factor of the matching pad in dB,
PG : Gain of pre-amplifier in dB,
AT : Attenuation of attenuator in dB.

4. PRELIMINARY TEST

4.1 AC Powerline Conducted Emissions Test

During Preliminary Test, the following operating mode was investigated

Operation Mode	The Worse operating condition (Please check one only)
CH. 3	X
CH. 4	

4.2 Radiated Emissions Test

During Preliminary Test, the following operating mode was investigated

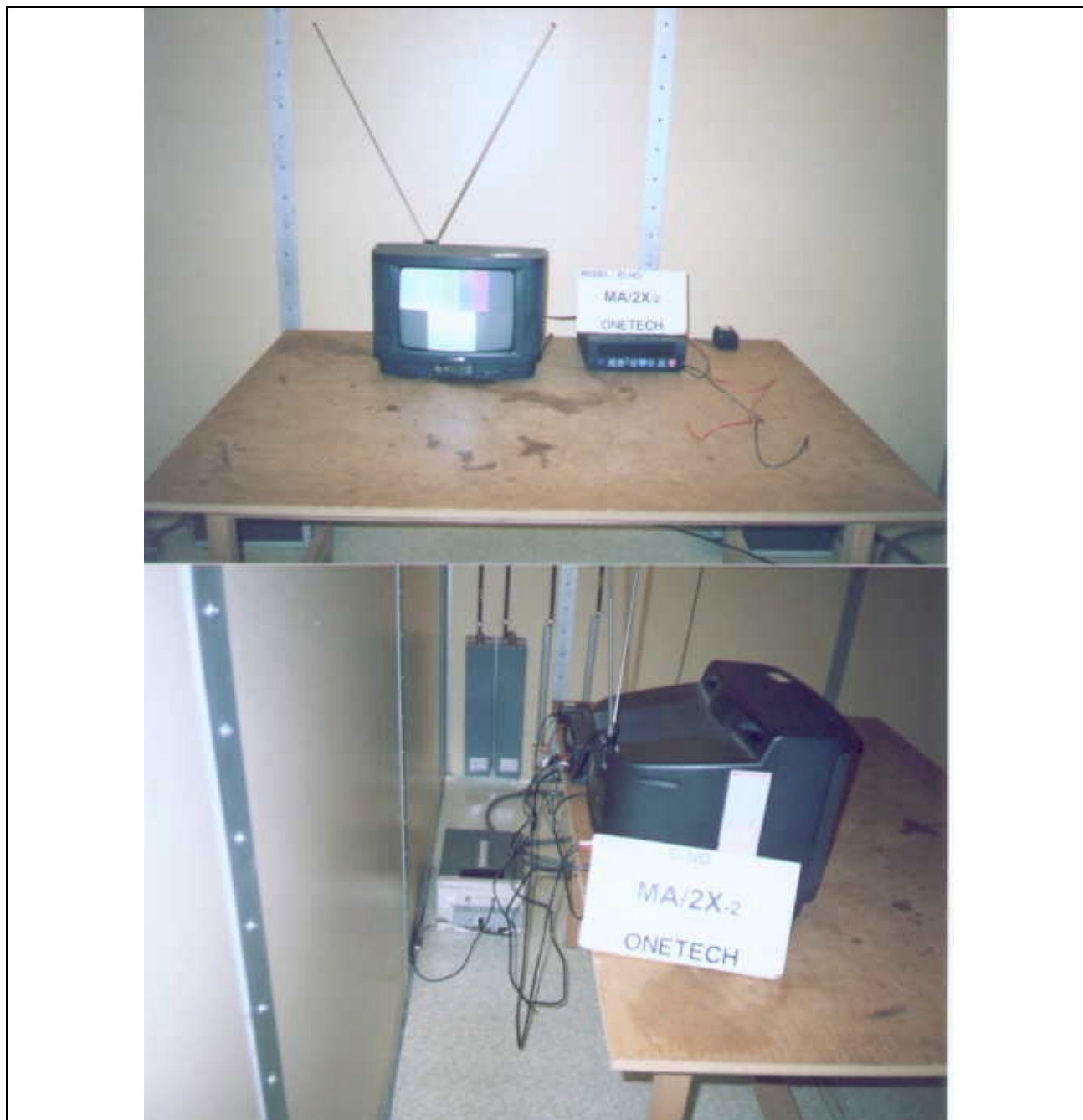
Operation Mode	The Worse operating condition (Please check one only)
CH. 3	X
CH. 4	

Tested by: Gea Won, Lee

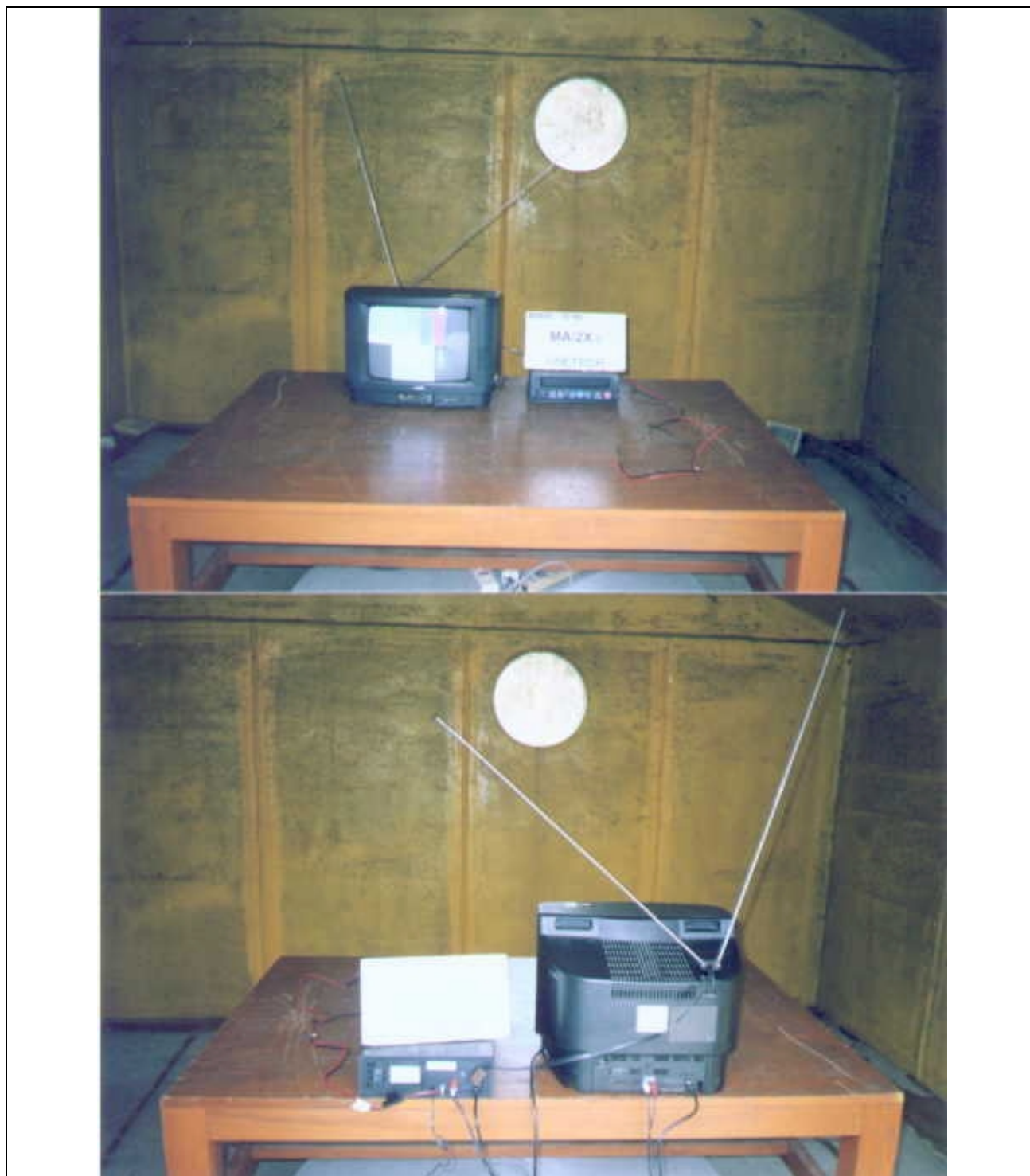
Date: October 23, 1998

5. CONDUCTED AND RADIATED MEASUREMENT PHOTOS

<Conducted Measurement Photos>



<Radiated Measurement Photos>



6. FINAL TEST DATA SUMMARY

Per preliminary test, the following normal mode of operations were selected which shown the maximum emissions level.

6.1 Conducted Emissions Test

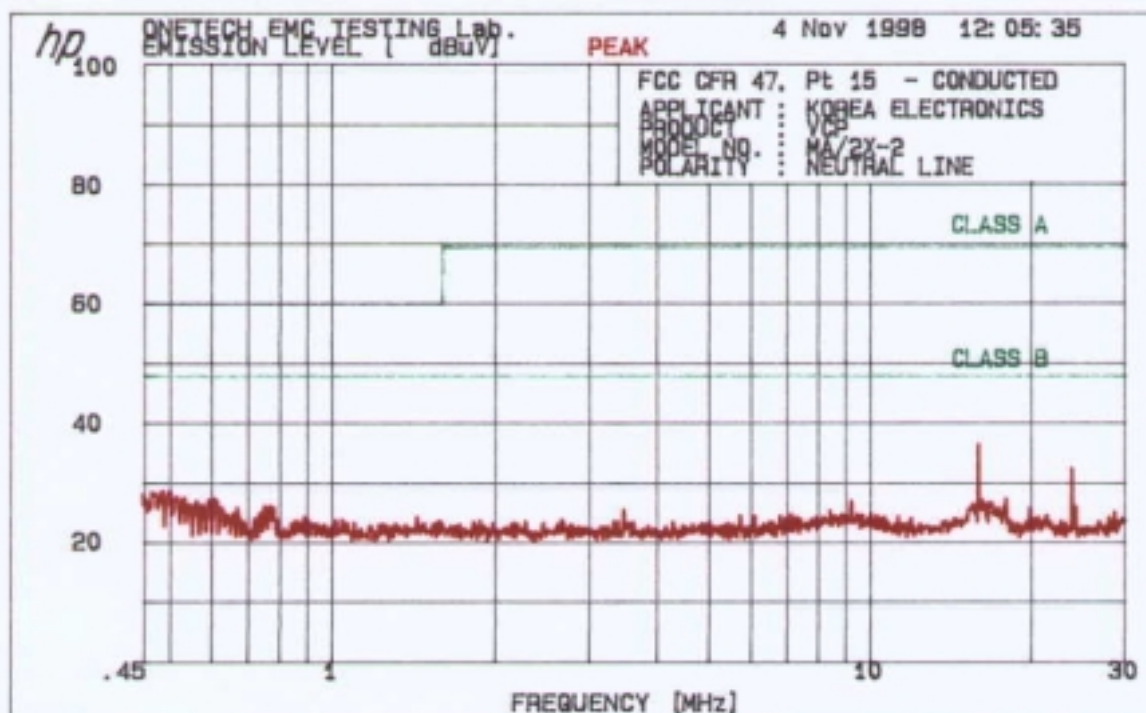
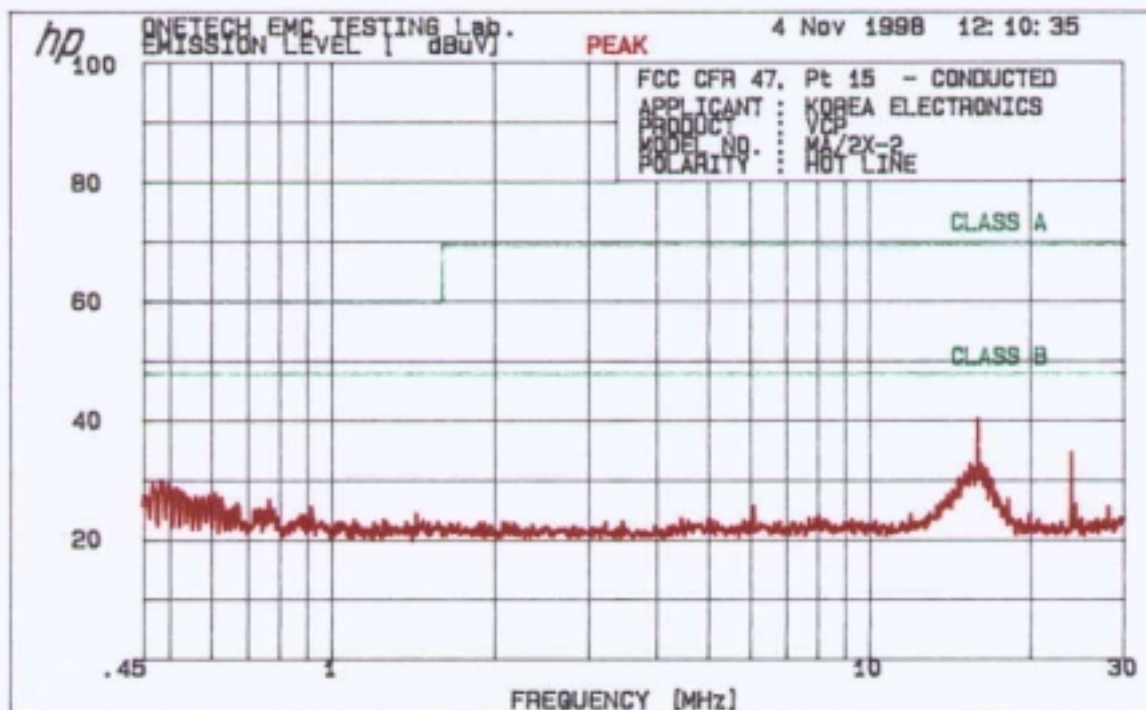
Humidity Level : 53% Temperature : 19
 Limits apply to : FCC CFR 47, PART 15, SUBPART B (Section 15.107)
 Type of Test : TV INTERFACE DEVICE
 Result : PASSED BY -13.30 dB

EUT : VIDEO CASSETTE PLAYER Date: November 04, 1998.
 Operating Condition : CH. 3, Playing VITS 1 V_{p-p} recorded tape
 Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Power Line Conducted Emissions			FCC CLASS B	
Frequency (MHz)	Amplitude (dBuV)	Conductor	Limit (dBuV)	Margin (dB)
0.49	30.00	H	48.0	-18.00
0.61	27.80	H	48.0	-20.20
0.77	26.80	H	48.0	-21.20
0.92	25.60	H	48.0	-22.40
1.44	24.50	H	48.0	-23.50
3.49	25.40	N	48.0	-22.60
6.09	25.70	H	48.0	-22.30
9.27	26.80	N	48.0	-21.20
18.21	26.90	H	48.0	-21.10
23.92	34.70	H	48.0	-13.30

Line Conducted Emissions Tabulated Data


 Measuring by: Gea Won, Lee / Prj. Engineer



6.2 Radiated Emission Test

The following table shows the highest levels of radiated emissions on both polarization of horizontal and vertical.

Humidity Level : 53 % Temperature : 18
 Limits apply to : FCC CFR 47, PART 15, SUBPART B (Section 15.109)
 Type of Test : TV INTERFACE DEVICE
 Result : PASSED BY -11.86 dB

EUT : VIDEO CASSETTE PLAYER Date: October 29, 1998
 Operating Condition : CH. 3, Playing VITS 1 V_{p-p} recorded tape
 Detector : CISPR Quasi-Peak (6 dB Bandwidth: 120 kHz)
 Distance : 3 Meter

Radiated Emissions		Ant Pol.	Correction Factors		Total	FCC CLASS B	
Freq. (MHz)	Amp. (dBuV)		Ant. (dBuV/m)	Cable (dB)	Amp. (dBuV/m)	Limit (dBuV/m)	Margin (dB)
49.85	14.30	V	10.23	2.80	27.33	40.00	-12.67
64.05	15.90	V	9.24	3.00	28.14	40.00	-11.86
111.85	12.20	V	13.88	3.46	29.54	43.50	-13.96
119.90	12.30	V	13.81	3.60	29.71	43.50	-13.79
125.65	12.30	V	13.51	3.63	29.44	43.50	-14.06
133.70	13.70	V	13.09	3.87	30.66	43.50	-12.84
136.40	12.40	V	12.95	3.90	29.25	43.50	-14.25

Line Radiated Emissions Tabulated Data


 Measuring by: Gea Won, Lee / Prj. Engineer

6.3 Output Signal Level Test

The following table shows that the all modes of operation and worst-case emissions were investigated

Humidity Level : 50 % Temperature : 20

Limits apply to : FCC CFR 47, PART 15, SUBPART B (Section 15.115)

EUT : VIDEO CASSETTE PLAYER

Date: October 28, 1998

Operating Condition : CH. 3 & CH. 4, Playing VITS 1 V_{p-p} recorded tape

Detector : Span : 10 MHz SWP : 20 msec

RBW : 100 kHz VBW : 300 kHz

Output Impedance of RF-Output Terminal: 75Ohm

CH	Freq.()	Reading(dBuV)	M/P Loss(dB)	Signal Level(uV)	Limit(uV)	Margin(dB)
3 (Visual)	61.25	58.3	6.0	1640.6	3000	-5.2
3 (Aural)	65.75	40.8	6.0	218.8	671	-9.7
4 (Visual)	67.25	54.7	6.0	1083.9	3000	-8.8
4 (Aural)	71.75	41.4	6.0	234.4	671	-9.1

MP = Impedance Matching Pad

*Sample Calculation at 61.25 = $10^{[(58.3+6.0)/20]} = 1640.6 \text{ uV}$

*Margin[dB] = $20 \log (R/L)$ where, R : Corrected Results, [uV] or [uV/m], L : Corresponding Limit, [uV] or [uV/m].


Measuring by: Gea Won, Lee / Prj. Engineer

6.4 Output Terminal Conducted Spurious Emissions Test

The following table shows that frequency range of 30MHz to 1000MHz removed by more than 4.6MHz below or 7.4MHz above the video carrier frequency of EUT was investigated at each channel.

Humidity Level : 53 % Temperature : 19

Limits apply to : FCC CFR 47, PART 15, SUBPART B (Section 15.115)

EUT : VIDEO CASSETTE PLAYER

Date: October 29, 1998

Operating Condition : CH. 3 & CH. 4, Playing VITS 1 V_{p-p} recorded tape

Detector : Span : 10 MHz SWP : 20 msec

RBW : 100 kHz VBW : 300 kHz

Output Impedance of RF-Output Terminal: 75Ohm

CH.	Freq. ()	Reading (dBuV)	M/P Loss (dB)	Attn. (dB)	Output Level(uV)	Limit (uV)	Margin (dB)
3	41.88	12.5	6.0	3.0	11.9	95	-18.0
	47.92	13.4			13.2		-17.1
	54.15	9.3			8.2		-21.3
	74.84	14.0			14.1		-16.6
	122.60	13.8			13.8		-16.8
	183.86	13.3			13.0		-17.3
4	54.02	12.4	6.0	3.0	11.7	95	-18.2
	60.14	8.6			7.6		-21.9
	80.80	11.9			11.1		-18.7
	134.54	19.6			26.9		-11.0
	201.8	14.4			14.8		-16.2

* Sample Calculation at 47.88 = $10^{[(12.5 + 6.0 + 3.0)/20]} = 11.9 \text{ uV}$

*Margin[dB] = $20 \log (R/L)$ where, R : Corrected Results, [uV] or [uV/m], L : Corresponding Limit, [uV] or [uV/m].


Measuring by: Gea Won, Lee / Prj. Engineer

6.5 Transfer Switch Isolation Test

The following table shows that the maximum voltage of video carrier frequency of the EUT at the antenna input (RF-in) terminal of the switch was measured for both channels.

Humidity Level : 53 % Temperature : 19
 Limits apply to : FCC CFR 47, PART 15, SUBPART B (Section 15.115)

EUT : VIDEO CASSETTE PLAYER Date: October 29, 1998
 Operating Condition : CH. 3 & CH. 4, Playing VITS 1 V_{p-p} recorded tape,
 Detector : Span : 1 MHz SWP : 30 msec
 RBW : 10 kHz VBW : 30 kHz
 Output Impedance of RF-Output Terminal: 75Ohm

CH.	Freq. (MHz)	Meter Reading (dBuV)	M/P Loss (dB)	PreAmp Gain(dB)	Attn. (dB)	Signal Level (uV)	Limit (uV)	Margin (dB)
3	61.25	16.9	6.0	25.0	3.0	1.1	3.0	-8.7
4	67.25	19.6	6.0	25.0	3.0	1.5	3.0	-6.0

* Sample Calculation at 61.25 MHz = $10^{[(16.9 + 6.0 - 25 + 3.0)/20]} = 1.1 \text{ uV}$

*Margin[dB] = $20 \log (R/L)$ where, R : Corrected Results, [uV] or [uV/m], L : Corresponding Limit, [uV] or [uV/m].

Note : To clarify the emissions emanated from RF output terminal the EUT, RF pre-amplifier was utilized.

The gain of pre-amplifier at each frequency measured from the EUT was obtained after sufficient warm-up for stabilization of gain.


 Measuring by: Gea Won, Lee / Prj. Engineer

7. FIELD STRENGTH CALCULATION

Meter readings are compared to the specification limit correcting for antenna and cable losses

+ Meter reading	(dBuV)
+ Cable Loss	(dB)
+ Antenna Factor (Loss)	(dB/meter)

= Corrected Reading	(dBuV/meter)
- Specification Limit	(dBuV/meter)
= dB Relative to Spec	(+/- dB)

8. LIST OF TEST EQUIPMENT

No.	EQUIPMENTS	MFR.	MODEL	SER. NO.	LAST CAL	DUE CAL	USE
1.	Test receiver	R/S	ESVS 30	826638/008	AUG/98	12MONTH	■
2.	Spectrum analyzer	HP	8568B	3026A0226	AUG/98	12MONTH	■
3.	RF preselector	HP	85685A	3107A01264	AUG/98	12MONTH	■
4.	Quasi-Peak Adapter	HP	85650A	3107A01542	AUG/98	12MONTH	■
5.	Matching Pad	TME	ZT-130	9F 954	N/A	N/A	■
6.	Loop Antenna	EMCO	6502	9108-2668	FEB/98	12MONTH	
7.	Dipole Antenna	EMCO	3121C	9107-745	FEB/98	12MONTH	
8.	Biconical antenna	EMCO	3104C	9109-4441 9109-4443 9109-4444	FEB/98	12MONTH	■
9.	Log Periodic antenna	EMCO	3146	9109-3213 9109-3214 9109-3217	FEB/98	12MONTH	■
10.	LISN	EMCO	3825/2	9109-1867 9109-1869	FEB/98	12MONTH	■
11.	RF Amplifier	HP	8447F	3113A04554	AUG/98	N/A	■
12.	3dB Attenuator	R/S	DNF	N/A	N/A	N/A	■
13.	Spectrum Analyzer	HP	8591A	3131A02312	APR/98	12MONTH	
14.	Computer System	HP	98581C	98543A	N/A	N/A	■
	Hard disk drive		9153C	CMC762Z9153	N/A	N/A	■
15.	Plotter	HP	7475A	30052 22986	N/A	N/A	■
16.	Position Controller	EMCO	1090	9107-1038	N/A	N/A	■
17.	Turn Table	EMCO	1080-1.21	9109-1576	N/A	N/A	■
18.	Turn Table	ROBOTECH			N/A	N/A	
19.	Antenna Master	EMCO	1070-1	9109-1624	N/A	N/A	■
20.	Antenna Master	COMPLIANCE DESIGN INC	CD M-100		N/A	N/A	

EXHIBIT 5. PHOTO REPORT

TV INTERFACE DEVICE CERTIFICATION TO FCC PART 15 REQUIREMENT

PRODUCT	VIDEO CASSETTE PLAYER		
FCC ID	BRFPDD301		
MODEL NO.	MA/2X-2	SERIAL NO.	N/A
APPLICANT & ADDRESS	KOREA ELECTRONICS CO., LTD. 275-7, YANGJAE-DONG, SEOCH-KU, SEOUL, 137-130, KOREA		

REPORT NO.	E98NR-004	ISSUE DATE	November 05, 1998
PREPARED BY : ONETECH CORPORATION 2 F. KUNHAN B/D, 1557-11, SEOCHO-DONG, SEOCHO-KU, SEOUL 137-070 KOREA (TEL)02-587-9037(FAX)02-587-9039			

“Please find in/outside photos of EUT at Internal / External Photos in Exhibit Type”

EXHIBIT 6. USER'S MANUAL & SCHEMATIC (BLOCK DIAGRAM)

TV INTERFACE DEVICE CERTIFICATION TO FCC PART 15 REQUIREMENT

PRODUCT	VIDEO CASSETTE PLAYER		
FCC ID	BRFPDD301		
MODEL NO.	MA/2X-2	SERIAL NO.	N/A
APPLICANT & ADDRESS	KOREA ELECTRONICS CO., LTD. 275-7, YANGJAE-DONG, SEOCH-KU, SEOUL, 137-130, KOREA		

REPORT NO.	E98NR-004	ISSUE DATE	November 05, 1998
PREPARED BY : ONETECH CORPORATION 2 F. KUNHAN B/D, 1557-11, SEOCHO-DONG, SEOCHO-KU, SEOUL 137-070 KOREA (TEL)02-587-9037(FAX)02-587-9039			

“Please find a manual and block diagram for EUT at User Manual / Block diagram in Exhibit Type”