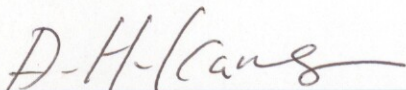

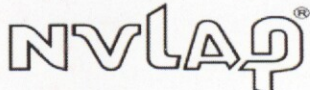




SK TECH CO., LTD.

Page 1 of 38

## FCC-Verification of Compliance

Test Report No.:	SKTFCE-090820-073-A2		
NVLAP CODE :	200220-0		
Applicant :	STL SOLUTION CO.,LTD.		
Address :	#10F/1010 Bucheon Techo Park Ssangyoung 3-cha 103, 36-1, Samjeong-dong, Ojeong-gu, Bucheon-si, Gyeonggi-do, 421-742, KOREA		
Manufacturer :	STL SOLUTION CO.,LTD.		
Address:	#10F/1010 Bucheon Techo Park Ssangyoung 3-cha 103, 36-1, Samjeong-dong, Ojeong-gu, Bucheon-si, Gyeonggi-do, 421-742, KOREA		
Product:	DVR(Digital Video Recorder)		
Model No.:	KE-7000MX	Serial No.:	Prototype #1
Buyer Model/ Multi Model No.:	KE-7004MX, KE-7008MX, KE-7016MX, SM-7004MX, SM-7008MX, SM-7016MX Trium-SH5008, Trium-SH5016	Buyer :	N/A
Receipt No.:	SKTEU09-0807	Date of receipt:	Aug. 5, 2009
Date of Issue:	Aug. 20, 2009	Date of revised (Note 3)	Nov. 16, 2010
Testing location:	SK TECH CO., LTD. 820-2, Wolmoon-Ri, Wabu-Up, Namyangju-Si, Kyunggi-Do, Korea		
Test Standards:	ANSI C63.4 / 2003		
Rule Parts:	FCC part 15 Subpart B		
Equipment Class :	Class A Digital Device		
Test Result:	The above mentioned product has been tested and passed.		
Tested by: D.H. Kang/Engineer		Approved by: S.H. Yoon / Manager & Chief Engineer	
 _____ Signature		 _____ Signature	
Other Aspects :	(Note 1): Reason for Applicant and Manufacturer name by buyer's request. Change of Company Address, and Name of Model No. (Original Report No: SKTFCE-090820-073) (Note 2): Reason for the change of Applicant and Manufacturer's names and addresses by buyer's request. (Original Report No: SKTFCE-090820-073-1) (Note 3): Reason for Audio Signal 3m Test (R/E) and multi model no buyer's request. (Original Report No: SKTFCE-090820-073-A1)		
Abbreviations :	· OK, Pass = passed · Fail = failed · N/A = not applicable		
<ul style="list-style-type: none"> <li>• This test report should not be reproduced except in full, without the written approval of our laboratory.</li> <li>• This test result is based on a single evaluation of one sample of the above mentioned.</li> <li>• This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.</li> </ul>			
 NVLAP Lab. Code: 200220-0			



## » » Contents « «

Contents	2
List of Supplements	3
List of Tables	3
List of Photographs	3
1. General	4
2. Test Site	4
2.1 Location	4
2.2 List of Test and Measurement Instruments	5
2.3 Test Date	5
2.4 Test Environment	5
3. Summary of test results	6
4. Description of the tested samples	7
4.1 Rating and Physical Characteristics	7
4.2 Submitted Documents	8
5. Measurement Conditions	9
5.1 Modes of Operation	9
5.2 Additional Equipments	9
5.3 Type of Used Cables	10
5.4 Test Setup	11
5.5 Uncertainty	12
6. Test Results	13
6.1 Conducted Emissions	13
6.2 Radiated Emissions	17
7. Photographs of the Test Set-up	19-20
Annex1 Label	21
Annex2 Photographs of EUT	22-38

**» List of Supplements**

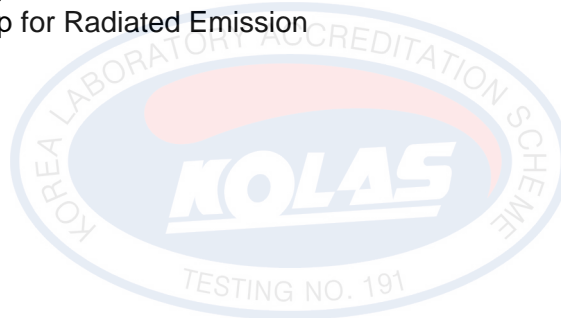
Supplement 1	Test Data, conducted Disturbance	14
Supplement 2	Spectral Diagram, LINE-PE	15
Supplement 3	Spectral Diagram, NEUTRAL-PE	16

**» List of Tables**

Table 1	List of test and measurement Equipment	5
Table 2	Test Data, Radiated Emissions	18

**» List of Photographs**

Photograph 1	Setup for Conducted Emission	19
Photograph 2	Setup for Radiated Emission	20





## 1. General

This equipment has been shown to be capable of compliance with the applicable technical standards and was tested in accordance with the measurement procedures as indicated in this report.

We attest to the accuracy of data. All measurements reported herein were performed by SK Tech Co., Ltd. and were made under Chief Engineer's supervision. We assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

## 2. Test Site

SK TECH Co., Ltd.

### 2.1 Location

820-2, Wolmoon Ri, Wabu-Up, Namyangju-Si, Kyunggi-Do, KOREA



The test site is in compliance with ISO/IEC 17025 for general requirements for the competence of testing and calibration laboratories. This laboratory is recognized as a Conformity Assessment Body(CAB) for CAB's Designation Number: **KR0007** by FCC, is accredited by NVLAP for NVLAP Lab. Code : **200220-0** and DATech for DAR-Registration No.**DAT-P-076/97-02** and KOLAS for Accreditation No.:**KT191**.



## 2.2 List of Test and Measurement Instruments

Table 1 : List of Test and Measurement Equipment

Kind of Equipment	Type	S/N	Calibrated until	Calibration Interval
EMI Receiver	ESHS10	862970/019	07.2010	1 year
Artificial Mains Network	ESH3-Z5	836679/018	07.2010	1 year
EMI TEST Receiver	ESPI	101206	07.2010	1 year
Amplifier	8447F	3113A05153	07.2010	1 year
Trilog-Broadband Antenna	VULB9168	9168-230	07.2010	1 year
Antenna Turntable Driver	5907	91X518	N/A	-
Antenna Turntable controller	5906	91X519	N/A	-
EMI Receiver	ESVS10	834468/008	07.2010	1 year
4-WIRE ISN	ENY41	836077/005	03.2010	1 year
Horn Antenna (1G~18G)	3115	836077/005	03.2010	1 year
Pre-Amplifier	AFS44-00101800-25-10P-44	1116321	07.2010	1 year

## 2.3 Test Date

Date of Application : Aug. 5, 2009

Date of Test : Aug. 12, 2009 ~ Aug. 13, 2009

## 2.4 Test Environment

See each test item's description.



### 3. Summary of test results

The following table represents the list of measurements required under the FCC CFR47 Part 15.107 and 15.109

FCC Rules	Test Requirements	Result	Remark
15.107	AC conducted Emission	Pass	
15.109(a)	Radiated Emission	Pass	

Note 1: Test results reported in this document relate only to the items tested

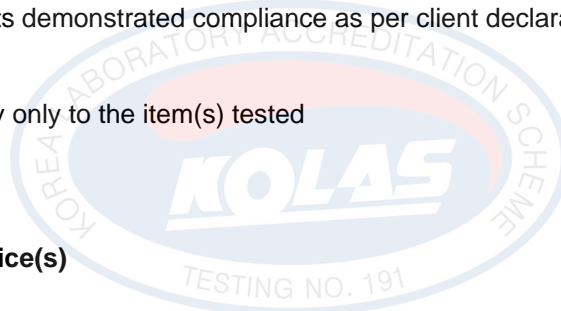
Note 2: The required tests demonstrated compliance as per client declaration of test configuration, monitoring

Note 3: Test results apply only to the item(s) tested

#### \* EMI Suppression Device(s)

EMI suppression device(s) added and/or modified during testing:

- none





## 4. Description of the tested samples

The EUT is a DVR(Digital Video Recorder).

KE-7000MX is Basic Model and 16CH DVR

KE-7004MX, KE-7008MX, KE-7016MX is Sorting by the type of Software Model

SM-7004MX, SM-7008MX, SM-7016MX is SSOMA OEM Model

### 4.1 Rating and Physical Characteristics

MODEL		4 Ch	8 Ch	16 Ch
Compression Algorithm		Video : MPEG-4 or H.264, Audio : G723.1		
HDD	Internal	2xHDD (Max) (1xHDD + 1xCD-RW/DVD)		
	External	External USB thumb drive(memory stick) via USB 2.0 port (For archiving)		
Operating System		Embedded Linux		
Video	Input	4 Ch	8 Ch	16 Ch
	Loop-Out	No	No	No
Video Mode		NTSC/PAL Selectable		
Display Speed (NTSC/ PAL)		120/100 fps (Real-Time Display)	240/200 fps (Real-Time Display)	480/400 fps (Real-Time Display)
Screen Modes for Live Display		1, 4 & PIP	1, 4, 9 & PIP	1, 4, 9, 16 & PIP
Monitor Output		Main Monitor Output (Composite, VGA) Spot Monitor Output (Composite)		
Max.Recording Speed (NTSC/ PAL)	352x240/288	120/100 fps	240/200 fps	240/200 fps
	720x240/288	120/100 fps	120/100 fps	120/100 fps
	720x480/576	60/50 fps	60/50 fps	60/50 fps
Recording Resolution		NTSC : 352x240, 720x240, 720x480, PAL : 352x288, 720x288, 720x576		
Recording Modes		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording Pre & Post Alarm Recording, Emergency Recording		
Playback & Search	Speed	x1, x2, x4, x8, x16, x32		
	Function	1, 4, 9 & 16 Ch (Multi-Channel Playback) Intelli-Search by Time Bar, Calendar (Date & Time) and Event/system Search Oldest & Latest video search		
Audio Input / Output		1 Ch Input / 1 Ch Output		
Alarm I/O & Camera Connection		M : N Mapping		
Alarm Input / Output		4 Ch / 1 Ch	4 Ch / 1 Ch	4 Ch / 1 Ch
P/T/Z Control and Port		Virtual Joy-Stick Control on screen by mouse Pan/Tilt/Zoom/Focus/Iris, RS-485 Port		
LAN		10/100 Base-Tx Ethernet (RJ45) – Fixed IP, DHCP & DDNS		
Network	Function	Multi-to-Multi Connection, Multi-Channel Transmission Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote) Remote & E-Mail Notification		
		Pan/Tilt/Zoom/Focus/Iris (World Famous PTZ Protocol are Available)		
Remote PTZ Control		Remote Configuration, Live Monitoring, Drag & Drop, Tree-structure		
Backup Device	Internal	CD-RW and DVD (Option)		
	External	USB thumb drive(memory stick)		



MODEL	4 Ch	8 Ch	16 Ch
Storage Temperature and Humidity	-20~60℃ / 20~95 % RH		
Operating Temperature and Humidity	5~40℃ / 20~80 % RH		
Power	DC 12V, 5A, 50~60 Hz		
Remote Software	RMS-16 Ch (Remote Monitoring S/W), Web Browser		
Certifications	CE, FCC & MIC & WEEE, RoHS		

\*: The specifications are subject to change without prior notice

\*\* Dependent on model & chassis

## 4.2 Submitted Documents

N/A





## 5. Measurement Conditions

AC 120V/60Hz.(Input 100-240V~, 50-60Hz, 1.5A,Output 12V, 5.0A)

### 5.1 Modes of Operation

The was connected to the Color Video Monitor and LCD Monitor.

The Dome Camera's Image was displayed on the Color Video Monitor and LCD Monitor.(Internal clock 250MHz)

### 5.2 Additional Equipments

Equipment	Manufacturer	Model No.	Serial No.
Color Video Monitor	HITRON SYSTEMS INC.	CVM1054X	M5020002
LCD Monitor	LG Electronics	L245WPQ	708KCWC51465
Dome Camera	N/A	N/A	N/A
AC Adapter(Dome camera)	HUA JUNG COMP.CO., LTD	HASU11FB42	N/A
Mouse(USB)	DONGGUAN PRIMAX ELETRONICS LTD	MO28UOL	44X4966077
AC Adapter(EUT)	Sino-American	SA165A-1250V-3	N/A
Sensor Board	N/A	N/A	N/A
Memory Stick	N/A	N/A	N/A



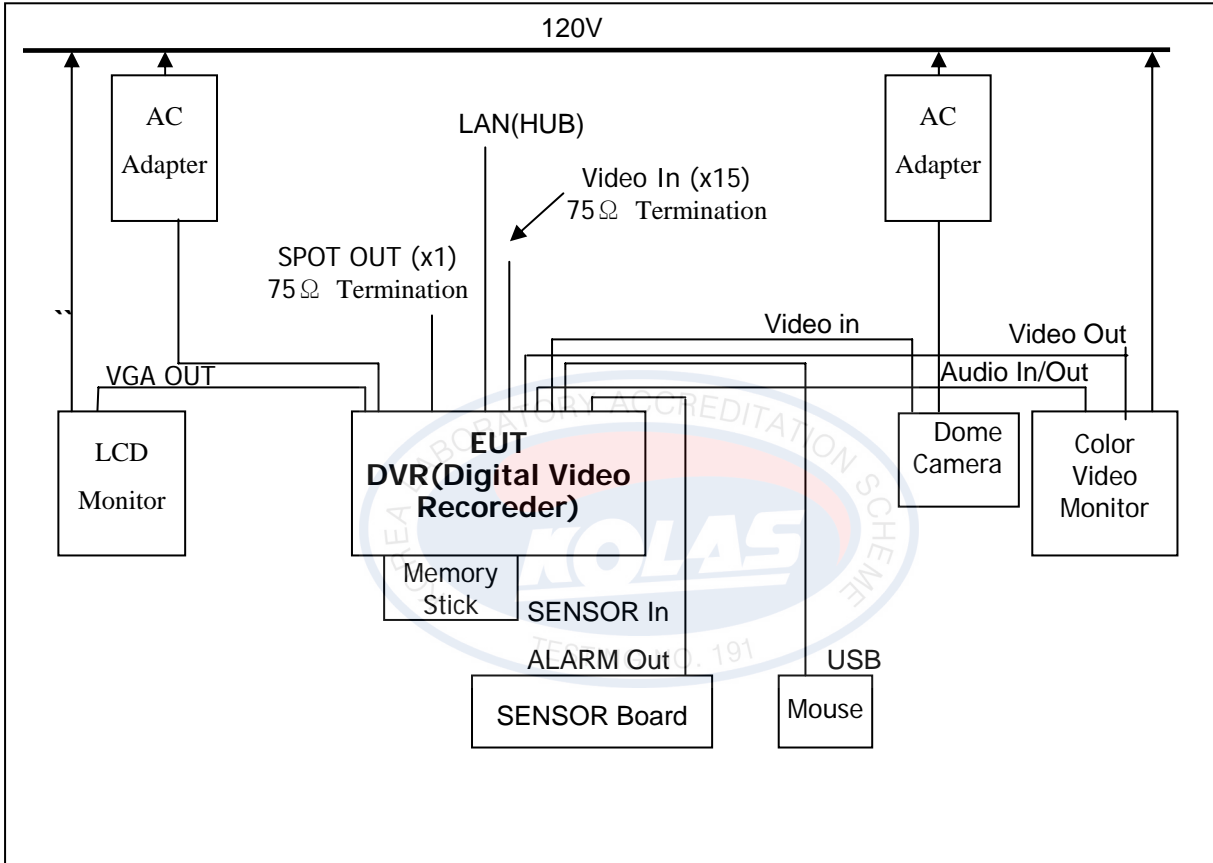
### 5.3 Type of Used Cables

#	START		END		Cable	
	Name	I/O Port	Name	I/O Port	Length	Shielded / Unshielded
1	EUT	Power	AC Adapter		2.0	Unshielded
2	"	AC Adapter	AC Line		1.6	Unshielded
3	"	Video In	Dome Camera		3.0	Shielded
4	"	Video Out	Color Video Monitor		3.0	Shielded
5	"	VGA Out	LCD Monitor		1.2	Shielded
6	"	Audio In/Out	Color Video Monitor		3.0	Unshielded
7	"	LAN	HUB		5.0	Unshielded
8	"	USB	Mouse		1.4	Unshielded
9	"	USB	Memory Stick		-	-
10	"	Sensor In/ Alarm Out	Sensor Board		3.0	Unshielded
11	"	Video In(x15)	75Ω Termination		-	-
12	"	SPOT OUT (x1)	75Ω Termination		-	-
13	Dome Camera	Power	AC Adapter		1.5	Unshielded
14	"	AC Adapter	AC Line		1.5	Unshielded
15	LCD Monitor	Power	AC Line		1.6	Unshielded
16	Color Video Monitor	Power	AC Line		1.6	Unshielded



### 5.4 Test Setup

The test setup photographs (#page19 ~20) showed the external supply connections and Interfaces



[ System Block Diagram of Test Configuration ]



## 5.5 Uncertainty

### 1) Radiated disturbances from 30 MHz to 1000 MHz at a distance of 3m and 10 m

Expanded Uncertainty

$$U = k * U_c(x_i) = 2 * 2.10 = 4.20\text{dB}$$

The coverage factor  $k = 2$  yields approximately a 95% level of confidence.

### 2) Conducted disturbance from 150 KHz to 30 MHz using a 50 $\Omega$ /50 uH AMN

Expanded uncertainty

$$U = k * U_c(x_i) = 2 * 1.57 = 3.14\text{dB}$$

The coverage factor  $k = 2$  yields approximately a 95% level of confidence.

※ When the measured emission is positioned within the range of the uncertainty of measurement from the emission limit, the uncertainty of measurement shall be concerned as follow.

Compliance or non-compliance with a disturbance limit shall be determined in the following manner.

If  $U_{lab}$  is less than or equal to  $U_{cispr}$

- compliance is deemed to occur if no measured disturbance exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance exceeds the disturbance limit.

If  $U_{lab}$  is greater than  $U_{cispr}$

- compliance is deemed to occur if no measured disturbance, increased by  $(U_{lab} - U_{cispr})$ , exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance, increased by  $(U_{lab} - U_{cispr})$ , exceeds the disturbance limit.

※ If the measurement value is lower or equal to the limit, the EUT is considered to pass the test.



## 6. Test Results

### 6.1 Conducted Emissions

#### Result

**PASS**

The line-conducted facility is located inside a 2.6 M x 3.6 M x 7.0 M shielded enclosure.

The shielding effectiveness of the shielded room is in accordance with MIL-Std-285 or NSA 604-05.

The 1 m x 1.5 m wooden table 80 cm. high is placed 40 cm. away from the vertical wall and 1.5 m away from the side wall of the shielded room.

ROHDE & SCHWARZ Model ESH3-Z5(10kHz-30 MHz) 50 ohm/50 uH Line-Impedance Stabilization Networks(LISNs) are bonded to the shielded room. The EUT is powered from the ROHDE & SCHWARZ LISN and the support equipment is powered from the ROHDE & SCHWARZ LISN. Power to the LISNs are filtered by a high-current high-insertion loss Lindgren enclosures power line filters (100 dB 14 kHz-10 GHz). The purpose of the filter is to attenuate ambient signal interference and this filter is also bonded to the shielded enclosure. 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 ROHDE & SCHWARZ LISN. All interconnecting cables more than 1 meter were shortened by non-inductive bundling (serpentine fashion) to a 1-meter length.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the spectrum analyzer to determine the frequency producing the maximum EME from the EUT.

The spectrum was scanned from 150 kHz to 30.

The frequency producing the maximum level was reexamined using EMI/field Intensity Meter (ESHS 10) and Quasi-Peak adapter. The detector function was set to CISPR quasi-peak mode.

The bandwidth of the receiver was set to 10 kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each EME emission.

Each emission was maximized by: switching power lines; varying the mode of operation or resolution; clock or data exchange speed; if applicable; whichever determined the worst-case emission.

Photographs of the worst-case emission can be seen in photograph of conducted test.

Each EME reported was calibrated using self-calibrating mode.

#### ● Test Environment

Room temperature : 22 °C

Relative Humidity : 54 % R.H.



### Supplement 1: Test Data, Conducted Disturbance

#### <Quasi-Peak>

Frequency (MHz)	Reading (dBuV)	Line	C/F (dB)	C/L (dB)	Actual (dBuV)	Limit (dBuV)	Margin (dB)
0.512	46.14	L	0.25	0.06	46.45	73.00	26.55
0.515	47.48	N	0.27	0.06	47.81	73.00	25.19
0.578	45.83	L	0.25	0.06	46.14	73.00	26.86
0.582	44.83	N	0.27	0.06	45.16	73.00	27.84
0.644	45.60	N	0.27	0.06	45.93	73.00	27.07
0.708	44.35	N	0.26	0.07	44.68	73.00	28.32

#### <Average>

Frequency (MHz)	Reading (dBuV)	Line	C/F (dB)	C/L (dB)	Actual (dBuV)	Limit (dBuV)	Margin (dB)
0.512	42.22	L	0.25	0.06	42.53	60.00	17.47
0.515	44.76	N	0.27	0.06	45.09	60.00	14.91
0.578	41.95	L	0.25	0.06	42.26	60.00	17.74
0.582	40.70	N	0.27	0.06	41.03	60.00	18.97
0.644	41.34	N	0.27	0.06	41.67	60.00	18.33
0.708	41.61	N	0.26	0.07	41.94	60.00	18.06

TESTING NO. 191

#### ► NOTE

\* C/F = Correction Factor

\* C/L = Cable Loss

\* LINE : L = Line-PE, N = Neutral-PE

\* Margin Calculation

Margin(Q.P) = Limit - Actual

[Actual(Q.P) = Reading(Q.P) + C/F + C/L]



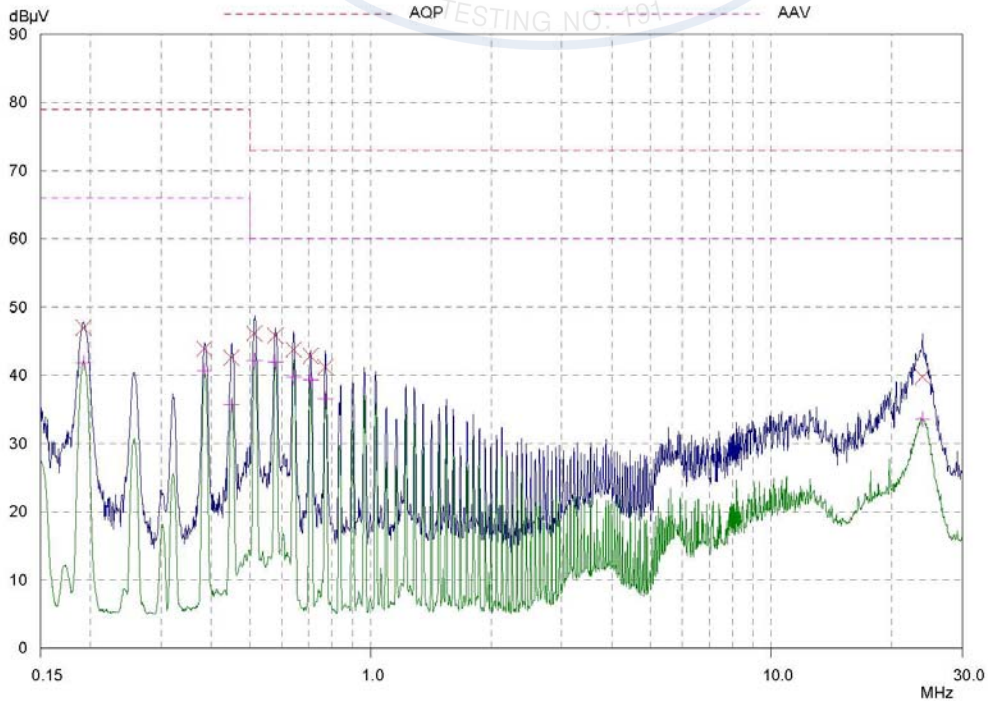
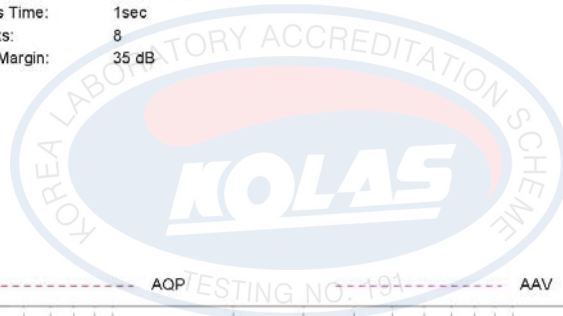
### Supplement 2 : Spectral Diagram, LINE – PE

SK TECH Co., Ltd.  
CONDUCTED DISTURBANCE  
EUT: KE-7000MX  
Manuf:  
Op Cond:  
Operator:  
Test Spec:  
Comment: LINE-PE  
AC 120V,60Hz  
Result File: STL9.dat : KE-7000MX-L

12 Aug 2009 10:23

Scan Settings			Receiver Settings					
(1 Range)								
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150kHz	30MHz	0.4%	10kHz	PK+AV	20msec	Auto	OFF	60dB

Final Measurement: Detectors: X QP / + AV  
Meas Time: 1sec  
Peaks: 8  
Acc Margin: 35 dB





### Supplement 3 : Spectral Diagram, NEUTRAL – PE

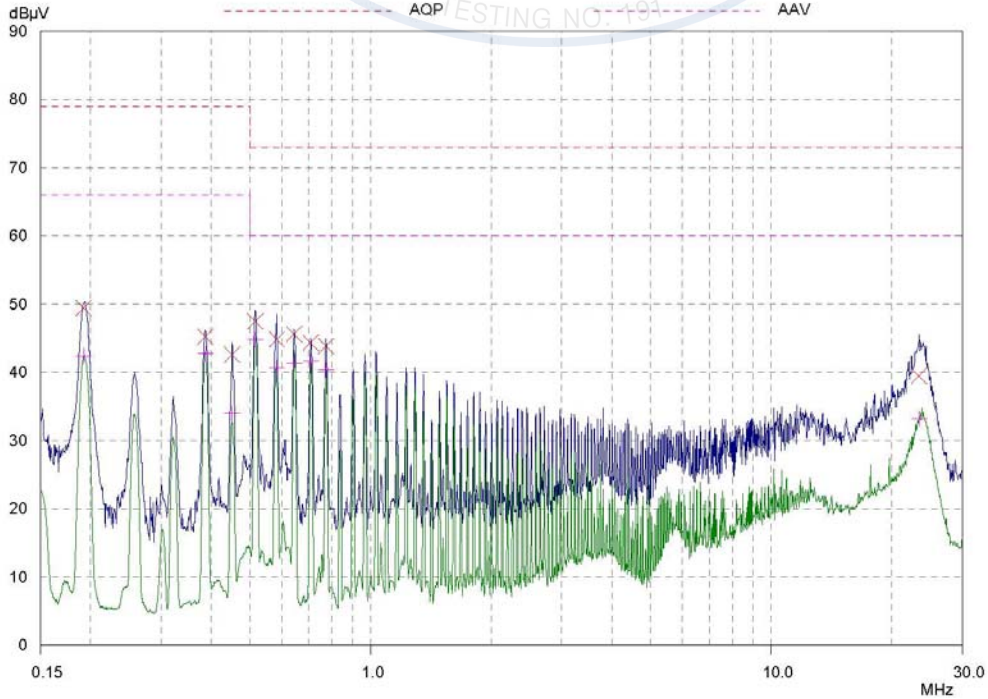
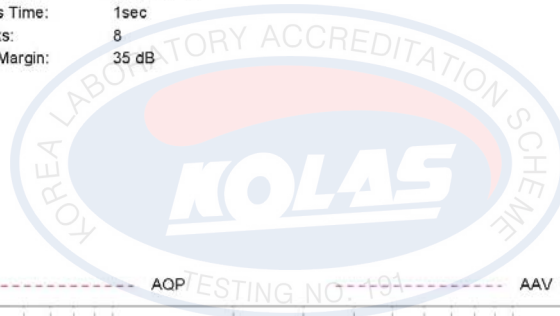
SK TECH Co., Ltd.  
CONDUCTED DISTURBANCE

12 Aug 2009 10:31

EUT: KE-7000MX  
Manuf:  
Op Cond:  
Operator:  
Test Spec:  
Comment: NEUTRAL-PE  
AC 120V,60Hz  
Result File: STL10.dat : KE-7000MX-N

Scan Settings			Receiver Settings					
(1 Range)								
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150kHz	30MHz	0.4%	10kHz	PK+AV	20msec	Auto	OFF	60dB

Final Measurement: Detectors: X QP / + AV  
Meas Time: 1sec  
Peaks: 8  
Acc Margin: 35 dB





## 6.2 Radiated Emissions

### Result

**PASS**

Preliminary measurements were made indoors at 10 meter using broadband antennas, broadband amplifier, and spectrum analyzer to determine the frequency producing the maximum EME. Appropriate precaution was taken to ensure that all EME from the EUT were maximized and investigated. The system configuration, clock speed, mode of operation or video resolution, turntable azimuth with respect to the antenna were noted for each frequency found. The spectrum was scanned from 30 to 1 GHz using Trilog-Broadband antenna.

Above 1GHz, linearly polarized double ridge horn antennas were used.

Final measurements were made outdoors at 10 meter test range using Trilog-Broadband Antenna.

The test equipment was placed on a wooden table situated on a area adjacent to the measurement area. Turntable was to protect from weather in the dome that made with FRP.

Sufficient time for the EUT, support 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 and investigated using EMI/Field Intensity Meter(ESVS 10) and Quasi-Peak Adapter.

The detector function was set to CISPR quasi-peak mode and the bandwidth of the receiver was set to 100 kHz or 1 MHz depending on the frequency or type of signal.

The half-wave dipole antenna was tuned to the frequency found during preliminary radiated measurements. The EUT, support equipment and interconnecting cables were re-configured to the set-up producing the maximum emission for the frequency and were placed on top of a 0.8-meter high non-metallic wooden table(1m x 1.5 m).

The EUT, support equipment, and interconnecting cables were re-arranged and manipulated to maximize each EME 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 or resolution; clock or data exchange speed, and/or support equipment, if applicable; and changing the polarity of the antenna, whichever determined the worst-case emission.

Photographs of the worst-case emission can be seen in photograph of radiated emission test. Each EME reported was calibrated using self-calibrating mode.

● **Test Environment**

**[Audio Signal 3m]**

Room temperature : 22 °C

Room temperature : 8 °C

Relative Humidity : 54 % R.H.

Relative Humidity : 50 % R.H.



Table 2: Test Data, Radiated Emissions

Frequency [MHz]	Reading [dBuV/m]	Pol.	Angle	Height [m]	Correction Factor		T-Fact [dB]	Data [dBuV/m]	Limits [dBuV/m]	Margin [dB]
					Antenna	Cable				
125.02	25.3	V	132	1.3	10.8	1.7	12.5	37.8	43.5	5.7
250.00	27.9	V	253	1.0	11.3	2.2	13.5	41.4	46.0	4.6
300.04	23.5	V	260	1.0	12.9	2.4	15.3	38.8	46.0	7.2
331.76	24.2	H	258	2.4	13.6	2.5	16.1	40.3	46.0	5.7
398.12	24.8	V	192	1.4	14.8	2.6	17.4	42.2	46.0	3.8
450.06	18.9	H	54	2.0	16.4	2.8	19.2	38.1	46.0	7.9
500.01	18.4	V	180	1.7	17.1	2.9	20.0	38.4	46.0	7.6

## [Audio Signal 3m]

Frequency [MHz]	Reading [dBuV/m]	Pol.	Angle	Height [m]	Correction Factor		T-Fact [dB]	Data [dBuV/m]	Limits [dBuV/m]	Margin [dB]
					Antenna	Cable				
225.02	9.7	V	342	1.0	11.2	1.6	12.8	22.5	46.4	23.9
250.01	25.7	V	314	1.0	12.6	1.7	14.3	40.0	46.4	6.4
269.57	20.0	V	249	1.1	12.6	1.7	14.3	34.3	46.4	12.1
375.02	12.3	V	342	1.0	13.5	2.0	15.5	27.8	46.4	18.6
398.14	13.2	H	87	2.0	13.8	2.1	15.9	29.1	46.4	17.3
500.01	14.8	H	332	3.3	15.8	2.3	18.1	32.9	46.4	13.5

Table. Radiated Measurements at 10-meters

## NOTES:

1. All modes of operation were investigated and the worst-case emission was reported.
2. A frequency above 1GHz emission 20dB below than the permitted limit.
3. All other emission is non-significant.
4. Measurements using CISPR Quasi-Peak mode (below 1 GHz).
5. H = Horizontal, V = Vertical Polarization
6. Data = Real Reading + T - Factor (Antenna + Cable)
7. Margin = Limits – Data
8. Radiated Measurements at 10-meters

\*The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is **120kHz** for Quasi-peak detection at frequency below 1GHz.

\*The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is **1MHz** for Average detection at frequency above 1GHz.



## 7. Photograph of the Test Set-Up

Photograph 1 : Setup for Conducted Disturbance





**Photograph 2 : Setup for Radiated Disturbance**





**ANNEX 1**

***Label***

**Network Digital Video Recorder**  
**Model No: KE-7000MX**  
**Manufacturer.: 1. STL Security Limited**  
**2.SHENZHEN STL TECHNOLOGY CO.,LTD**

**FCC**

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





**ANNEX 2**

**Photographs of EUT**

< Front >





ANNEX 2

# Photographs of EUT

< Rear >





ANNEX 2

# Photographs of EUT

< Internal >

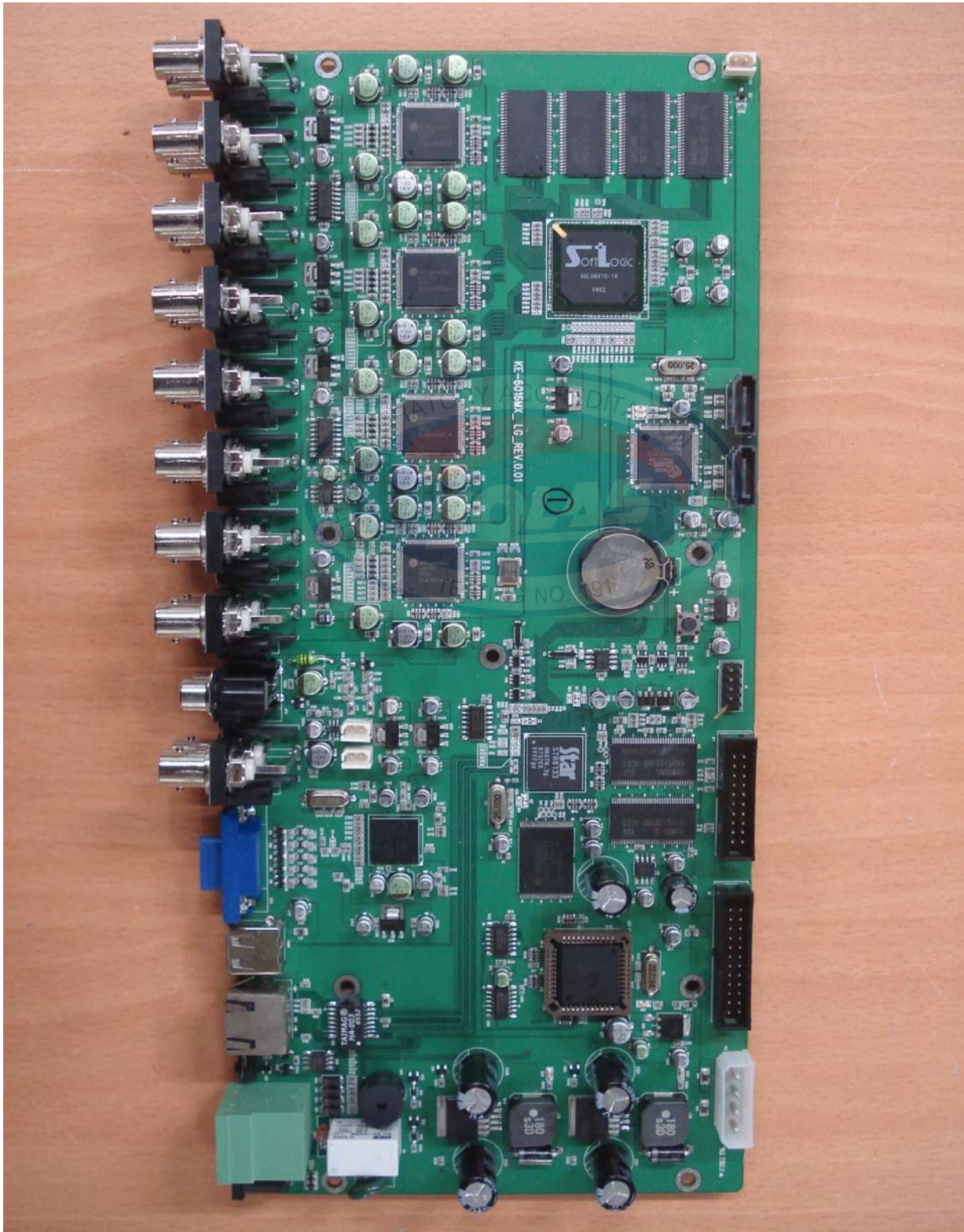




ANNEX 2

# Photographs of EUT

## < Main Board Front >

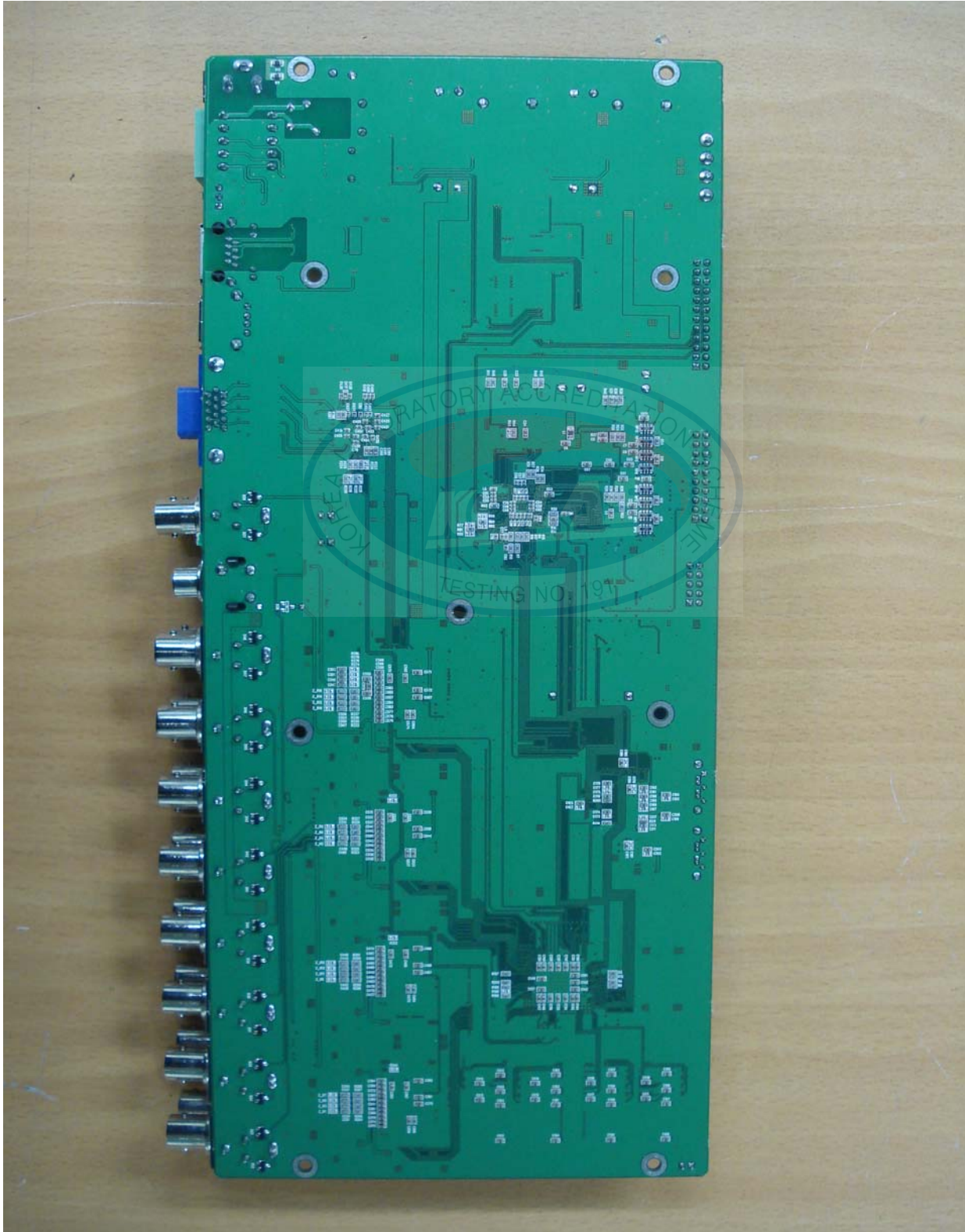




ANNEX 2

# Photographs of EUT

< Main Board Rear >





ANNEX 2

Photographs of EUT

< HDD Front >



Seagate Barracuda 7200.10  
250 Gbytes

S/N: 6RYK8882  
ST3250410AS  
P/N: 9EU142-310  
Firmware: 4.AAA  
Date Code: 09304 Site Code: SU

+5V 0.72A  
+12V 0.52A

中国产品  
Product of China

STX - L3510 (8)

**PC DIRECT (주)피씨디렉트**  
www.pcdirect.co.kr 고객지원실: 1588-3377

1. 보증 신청을 수령 또는 확인 시에는 사후 서비스가 되지 않으니 주의하십시오.
2. 부품이 파거나 깨진 경우에는 물론 부분에 관계없이 유상 또는 서비스가 가능 할 수 있습니다.
3. HDD에 저장된 자료는 보증이 되지 않으므로 백업 작업을 하십시오.
4. HDD 보증 기간은 3년입니다.
5. 자세한 사항은 홈페이지를 참조하여 주십시오.

• 피씨디렉트 서비스센터 : 서울시 용산구 한남로 33가 2층-201 영종빌딩 2층 201호  
(예약이동시 방문시 전화)

**보상보증 만료 기간**  
3년 월까지

**씨게이트 데이터 복구(유료) 센터**  
고객 상담 전화 1600-5972

SATA Power SATA Data Jumper Block Power Data

Limit to 1.5 Gbit/s Operation  
3 Gbit/s Operation



ANNEX 2

# Photographs of EUT

< HDD Rear >





ANNEX 2

# Photographs of EUT

< DVD Writer Front >





**ANNEX 2**

***Photographs of EUT***

**< DVD Writer Rear >**





ANNEX 2

# Photographs of EUT

< Front Internal >

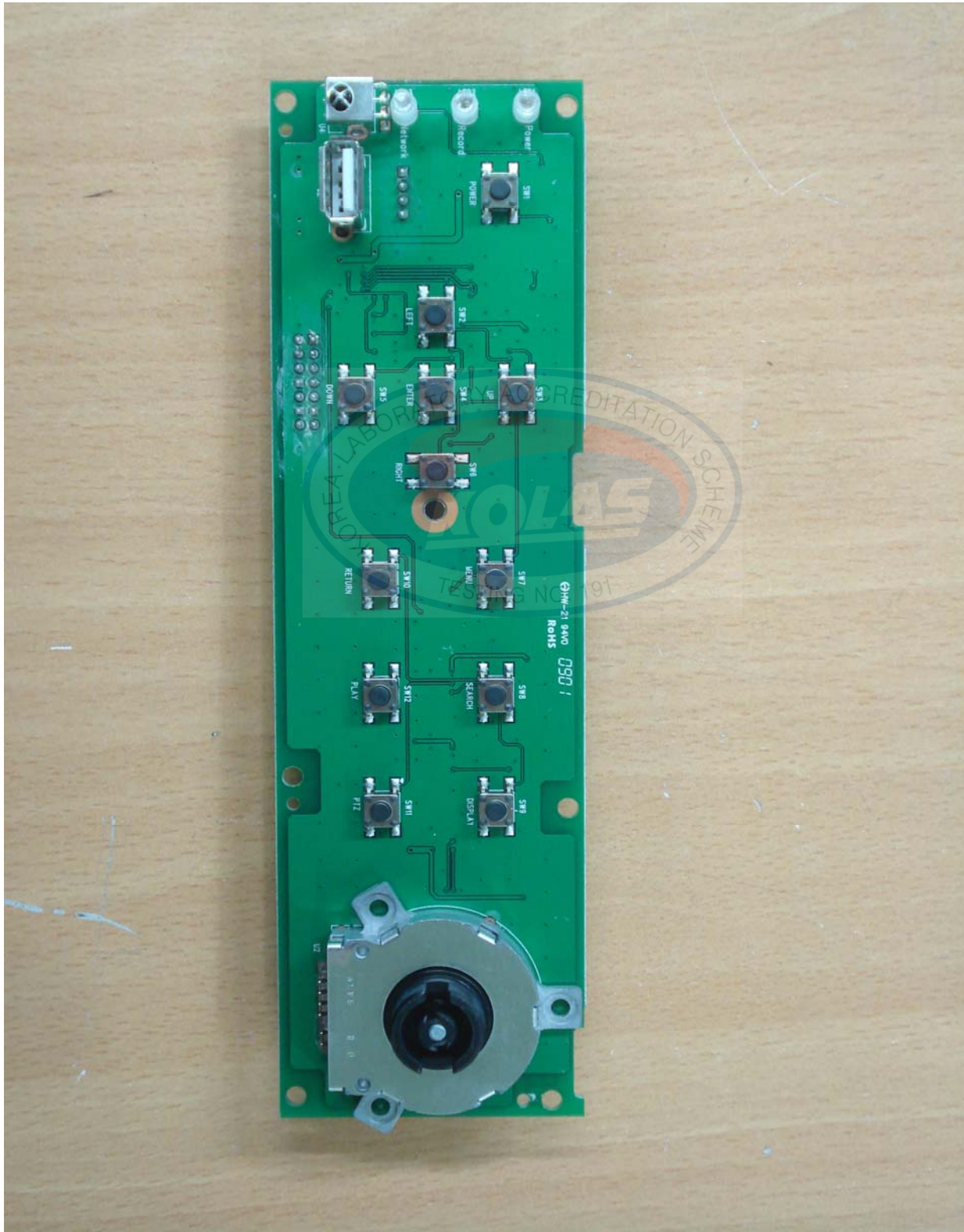




ANNEX 2

# Photographs of EUT

< Front Board Front >

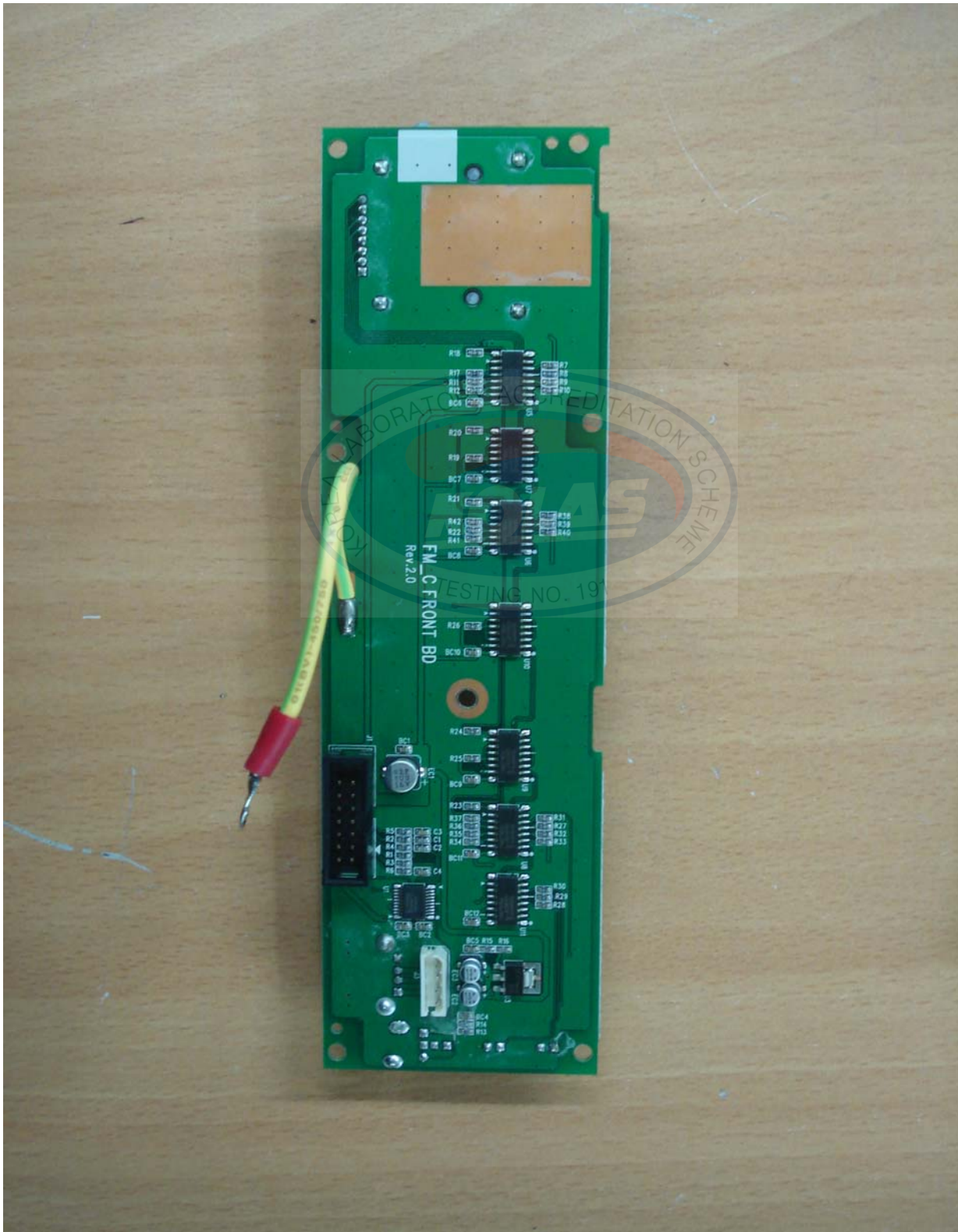




ANNEX 2

# Photographs of EUT

< Front Board Rear >





**ANNEX 2**

***Photographs of EUT***

**< Sub Board Front >**

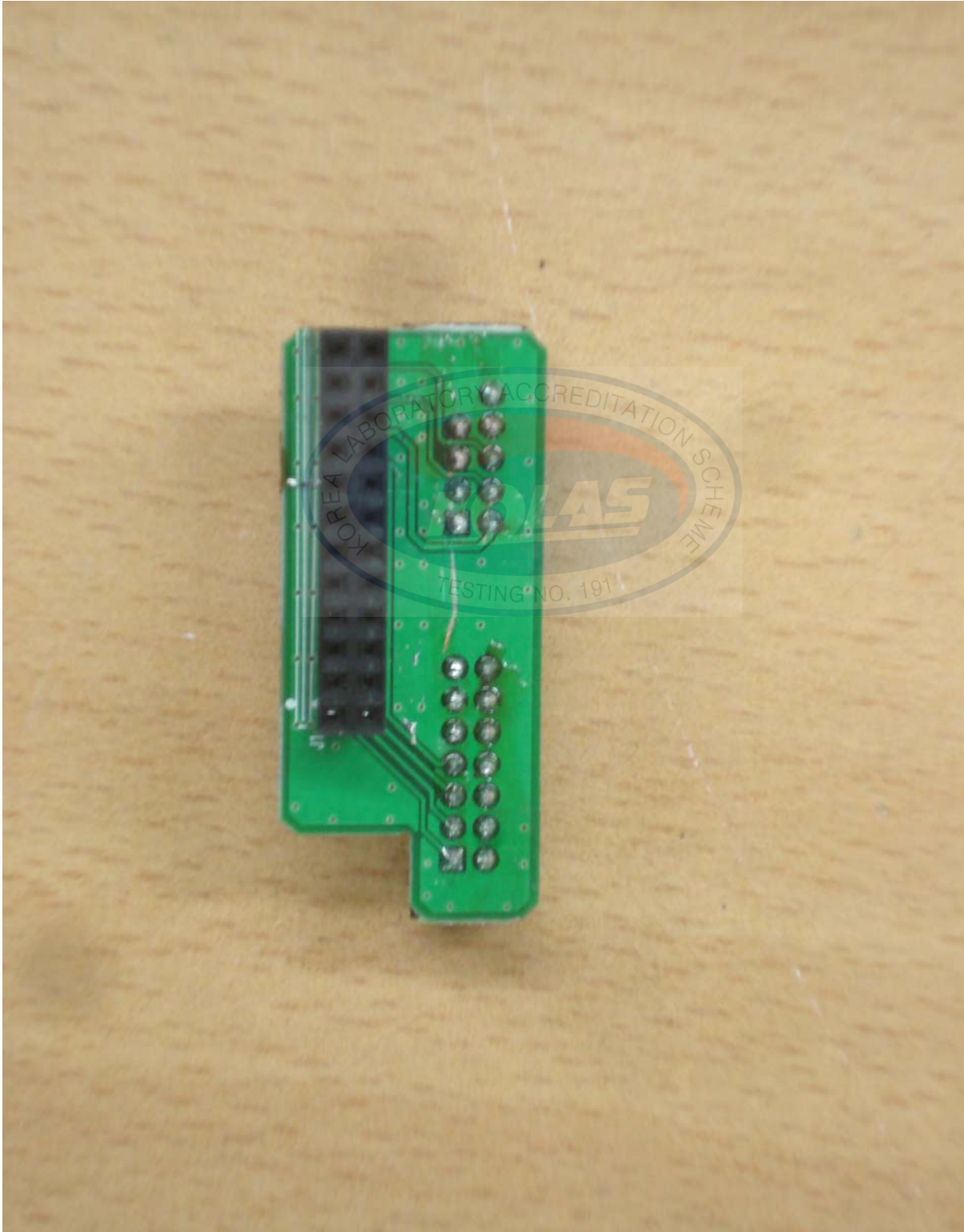




ANNEX 2

***Photographs of EUT***

< Sub Board Rear >





**ANNEX 2**

***Photographs of EUT***

**< AC Adapter Front >**





ANNEX 2

# Photographs of EUT

< AC Adapter Rear >





ANNEX 2

# Photographs of EUT

< AC Adapter Label >

