TESTING CERTIFICATE

EMC Compliance Ltd.
65, Sinwon-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, 443-390, Korea
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Certificate No.:EMC-CE-4758

1. Applicant

Name:	Samsung Techwin Co., Ltd.
Address:	84, Jeongdong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Korea
Date of Receipt:	March 04, 2014

2. Manufacturer

Name#1:	Samsung Techwin Co., Ltd.
Name#2:	TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONIC CO., LTD

3. Use of Report:	Completed report
4. Test Sample:	Digital Video Recorder, SRD-1676DP
5. Date of Test:	March 28 ~ 31, 2014
6. Test method used:	AS/NZS CISPR 22:2009+A1:2010, Class A
7. Testing Environment:	Temperature: (22.4 ± 1.8) °C, Relative Humidity: (27.45 ± 7.65) % R.H.
8. Test Results:	Refer to page 12 ~ page 24 (Measurement uncertainty: Refer to page 6)

This result shown in this report refer only to the sample(s) tested unless otherwise stated.
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	Tested by	Technical Manager
Affirmation	Name: PARK, GUN-SU	Name: YEOM, HAN-SEOK

The above test certificate is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

2014. 04. 04

EMC Compliance Ltd.

Accredited by KOLAS, Republic of KOREA

Contents

1. Applicant information

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Contact name:	**Kang Jei Soon**

Manufacturer#1:	Samsung Techwin Co., Ltd.
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2. Laboratory information

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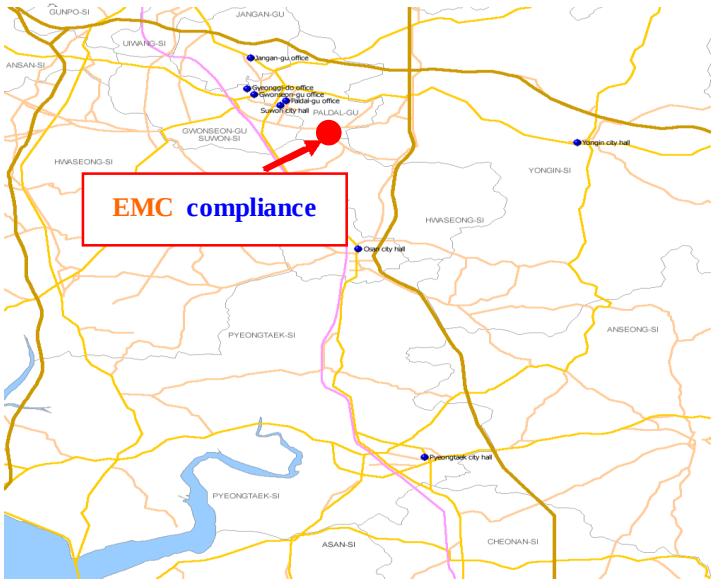
FCC CAB.: KR0040
VCCI Registration No. : R-3327, G-198, C-3706, T-1849
Industry Canada Registration No.: 8035A
KOLAS NO.: 231

SITE MAP



3. Test system configuration

3.1 Operation environment

		Temperature	Humidity	Pressure
Chamber(10 m)	:	20.6 °C	35.1 % R.H.	-
Shielded room(CE)	:	24.2 °C	19.8 % R.H.	-

Test site

These testing items were performed following locations;

Test item	Test site
Conducted Emission	Shielded Room
Radiated Emission	10 m Chamber

3.2 Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in field of EMC.
The factors contributing to uncertainties are test receiver, cable loss, antenna factor calibration, Antenna directivity, antenna factor variation with height, antenna phase center variation, antenna frequency interpolation, measurement distance variation, site imperfection, mismatch, and system repeatability. Based on CISPR 16-4-2, the measurement uncertainty level with a 95 % confidence level was applied.

Conducted emission measurement (C.L: Approx 95 %, k = 2)		
Shielded Room (CE#1)	9 kHz ~ 150 kHz: ± 3.82 dB 150 kHz ~ 30 MHz: ± 3.43 dB	
Shielded Room (CE#2)	9 kHz ~ 150 kHz: ± 3.82 dB 150 kHz ~ 30 MHz: ± 3.43 dB	
Shielded Room (CE#3)	9 kHz ~ 150 kHz: ± 4.00 dB 150 kHz ~ 30 MHz: ± 3.63 dB	
Radiated Emission measurement (C.L: Approx 95 %, k = 2)		
10 m Chamber (#F4)	30 MHz ~ 300 MHz	3 m: + 4.56 dB, - 4.58 dB 10 m: + 4.56 dB, - 4.56 dB
	300 MHz ~ 1 000 MHz	3 m: + 4.84 dB, - 4.85 dB 10 m: + 4.71 dB, - 4.72 dB
	1 GHz ~ 6 GHz	3 m: + 6.19 dB, - 6.20 dB
10 m Chamber (#F2)	30 MHz ~ 300 MHz	3 m: + 4.86 dB, - 4.88 dB 10 m: + 4.86 dB, - 4.86 dB
	300 MHz ~ 1 000 MHz	3 m: + 4.98 dB, - 4.99 dB 10 m: + 4.85 dB, - 4.87 dB
	1 GHz ~ 6 GHz	3 m: + 6.19 dB, - 6.20 dB

4. Description of E.U.T.

4.1 General information

		SRD-1676D
Video	Inputs	16 composite video 0.5~1 Vpp, 75 ohm automatic termination
	Resolution	1280x480 NTSC, 1280x576 PAL / 720x480 NTSC, 720x576 PAL
Live	Frame rate	480fps NTSC, 400fps PAL
	Resolution	1280x480 NTSC, 1280x576 PAL, 704x480 NTSC, 704x576 PAL
	Multi Screen display	1/4/7/9/13/16/16A/PIP/Sequence
Performance		
Operating System	Embedded	Linux
Recording	Compression	H.264
	Record Rate	NTSC: Up to 480fps @ 1280x480 / PAL: Up to 400fps @ 1280x576
		NTSC: Up to 480fps @ 704x480 / PAL: Up to 400fps @ 704x576
		NTSC: Up to 480fps @ 704x240 / PAL: Up to 400fps @ 704x288
		NTSC: Up to 480fps @ 352x240 / PAL: Up to 400fps @ 352x288
	Mode	NTSC: Manual, Schedule (Continuous/Event), Event(Pre/Post), Time lapse (1~30 fps)
		PAL: Manual, Schedule (Continuous/Event), Event(Pre/Post), Time lapse (1~25 fps)
	Event	Video Loss, Motion(Level 1~10), Alarm, Tampering(Level 1~3)
	Overwrite modes	Continuous
	Pre-alarm	Up to 30 sec.(5,10,20,30 Sec)
	Post-Alarm	Up to 6 hour (5,10,20,30 sec,1,3,5,10,20 min,1,2,3,4,5,6 hour)
Search & Playback	Search mode	Date/time, Event, Back up, Pos, Motion (※ All Search Included Preview Function)
	Playback function	Fast Forward/Backward (x2,x4,x8,x16,x32,x64) ※Backward Play with I-frame Only, Slow Forward/Backward (x1/2,x1/4,x1/8) ※ Backward Play with I-frame Only Step Forward/Backward
Network (IPv4)	Transmission speed	Option 1) 1280H/4CIF/2CIF/CIF(480fps NTSC, 400fps PAL) Option 2) 4CIF/2CIF/CIF(120/240/480fps NTSC, 100/200/400fps PAL)
	Bandwidth	Up to 32Mbps
	Bandwidth control	Selectable
	Stream	H.264(4CIF/2CIF/CIF Selectable)
	Remote users Maximum	Search(3)/Live Unicast(10)/Live Multicast(20)
	Protocol support	TCP/IP,DHCP,PPPoE,SMTP,NTP,HTTP,DDNS,RTP,RTSP,SNMP
	Monitoring	Smart viewer,Web viewer, SSM(CMS)
Smart phone	Platform	Android , iOS
	Protocol support	RTP,RTSP,HTTP,CGI,HTTPS
	Remote users Maximum	Live(4), Search(1)
Storage	Internal HDD	Up to 4 SATA HDDs
	External (e-SATA Interface)	Up to 2 expansion bay (※Model: SVS-5R/5E)
	DVD Writer (Back-up)	YES
	USB (Back-up)	2 USB Ports
	File Format (Back-up)	BU(DVR Player), EXE(Include Player), AVI
Security	Password Protection	1 Admin, 10 Group , 10 User per 1 Group
	Data Authentication	Watermark
Interface		
Monitors	VGA	1 VGA (1280x720, 1280x1024, 1920x1080)
	HDMI	1 HDMI (1280x720, 1280x1024, 1920x1080)
	Main Composite	N/A
	Spot(Composite)	Digital Spot (2CH) ※ Included OSD On Screen, Multi mode Support(1CH)
	Loop Outputs	16CH
Audio	Inputs/Output	16CH line in (Built in 4CH, Option : Audio Extension Cable)/ 1CH line out
	Compression	G.711
	Sampling rate	8KHz
Alarm	Inputs/Outputs	Terminal 16 Inputs (NO/NC) / Terminal 4 relay Outputs (NO/NC), Rating : 30V DC/2A, 250V AC/0.25A
	Remote notification	Notification via e-mail
Connections	Ethernet	1 RJ45 10/100/1000 Base-T
	Serial interface	RS-232/RS-485(Full Duplex) for PTZ, Samsung System Keyboard
	USB	USB 2.0, 2 ports
	e-SATA	2 External SATA ports
	Application Support	Mouse, Remote Controller
	Protocol support	Samsung-E/Samsung-T/Pelco-D/Pelco-p/Panasonic/ Phillips/ AD/ DIAMOND/ ERNA/ KALATEL/ VCL
		PTZ Control via Coaxial Cable (Samsung CCVC, Pelco-C (Coaxitron))
General		
Electrical	Input Voltage/Current	100 to 240 VAC ±10%; 50/60 Hz, Autoranging
	Power consumption	Max. 60 W (with 1x HDD)
Environmental	Operating Temperature/Humidity	+0°C to +40°C (+32°F to +104°F) / 20% to 85% RH
Mechanical	Dimension (W x H x D)	W440 x H88 x D384.8(17.32" x 3.46" x 15.15")
	Weight (With hard disks)	6.81 kg (15.01 lb)
	Rack mount kit	2 EA
Lauguage		English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands Portuguese, Swedish, Danish, Rumania, Serbia, Croatia, Hungary, Greek, Finnish, Norwegian, Korean, Japanese, Chinese(Traditional), Thai , Taiwanese(25 Language)

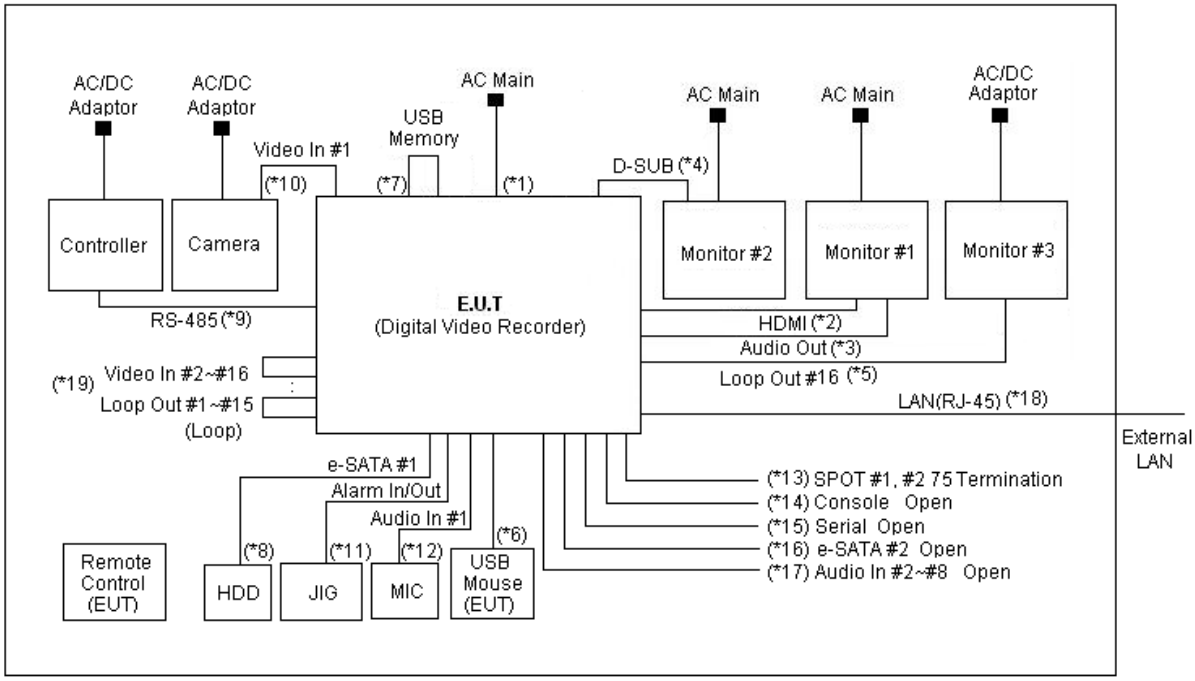
4.2 Product description

Type of product	Digital Video Recorder
Model name (Basic)	SRD-1676DP
Model name (Variant)	SRD-1676P, SRD-1656P
Difference	-
Trade name	-
Serial no	Engineering Sample
Testing voltage	240 V, 50 Hz
Product rating	100-240 V, 50/60 Hz
Internal clock frequency	Above 108 MHz
Note	-

4.3 Auxiliary equipments

Type	Model / Part #	Serial number	Manufacturer
Monitor #1	PM24KO	ZQ9XH1HBA01776V	SAMSUNG
Monitor #2	LT24B350	ZWP0HMCD10771M	SAMSUNG
Monitor #3	SMT-2231P	YDQ03VDBB02500H	SAMSUNG
Camera	SCB-6000	C6PW6V3B80115Y	SAMSUNG
USB Memory(8GB)	JFV33	-	TRANSCEND
HDD	SP10	-	-
Controller	SCC-1000	EW089028913	SAMSUNG
JIG	-	-	-
MIC	-	-	-

4.4 Test configuration



Note	Start		End		Cable	
*	Name	I/O port	Name	I/O port	Length (m)	Spec.
1	**EUT** (Digital Video Recorder)	Power	AC Main	Power	1.2	Non-Shield
2		HDMI	Monitor #1	HDMI	1.0	Shield
3		Audio Out	Monitor #1	Audio In	3.0	Shield
4		D-SUB	Monitor #2	D-SUB	1.5	Shield
5		Loop Out #16	Monitor #3	Loop In	3.0	Shield
6		USB	USB Mouse(EUT)	USB	1.0	Shield
7		USB	USB Memory	USB	Direct	-
8		e-SATA #1	HDD	e-SATA #1	1.0	Non-Shield
9		RS-485	Controller	RS-485	3.0	Non-Shield
10		Video In #1	Camera	Video Out	3.0	Shield
11		Alarm In/Out	JIG	Alarm In/Out	3.0	Non-Shield
12		Audio In #1	MIC	Audio Out	3.0	Shield
13		SPOT #1, #2	75 Ω Termination	-	3.0	Shield
14		Console	Open	-	1.0	Non-Shield
15		Serial	Open	-	1.0	Shield
16		e-SATA #2	Open	-	0.5	Non-Shield
17		Audio In #2~#8	Open	-	3.0	Shield
18		LAN(RJ-45)	External LAN	LAN(RJ-45)	3.0	Non-Shield
19		Video In #2~#16	Loop	Loop Out #1~#15	1.0	Shield

4.5 Operating conditions

The EUT was configured as normal intended use.

Test mode	Normal operating
1	Monitoring Test.
	Audio In/Out Test.
	Alarm In/Out Test.
	Controller Test.
	Web view Test.

5. Summary of test results

5.1 Summary of EMI emission test results

Applied	Test items	Test method	Result
☒	Conducted Emission	AS/NZS CISPR 22:2009+A1:2010, Class A	12 Page ~ 18 Page
☒	Radiated Emission	AS/NZS CISPR 22:2009+A1:2010, Class A	19 Page ~ 24 Page

6. Test results

6.1 Conducted Emission

Test specification	AS/NZS CISPR 22:2009+A1:2010, Class A		
Testing voltage	240 V, 50 Hz		
Test facility	Shielded room (CE#1)		
Date	2014. 03. 31		
Temperature (°C)	20.6 °C	Humidity (% R.H.)	35.1 % R.H.
Remarks	Complied		

6.1.1 Limits of conducted emission measurement

☒ AC main

Frequency MHz	Class A dBμV		Class B dBμV	
	Quasi-peak	Average	Quasi-peak	Average
0.15 ~ 0.5	79	66	66 ~ 56 *	56 ~ 46*
0.5 ~ 5	73	60	56	46
5 ~ 30	73	60	60	50

*The limit decreases linearly with the logarithm of frequency.

☒ Telecommunication

Frequency MHz	Class A Voltage Limits dBμV		Current Limits dBμA	
	Quasi-Peak	Average	Quasi-Peak	Average
0.15 ~ 0.5	97 to 87	84 to 74	53 to 43	40 to 30
0.5 ~ 30	87	74	43	30
Frequency MHz	Class B Limits dBμV		Current Limits dBμA	
	Quasi-Peak	Average	Quasi-Peak	Average
0.15 ~ 0.5	84 to 74	74 to 64	40 to 30	30 to 20
0.5 ~ 30	74	64	30	20

* The limits decrease linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz

* The current and voltage disturbance limits are derived for use with an impedance stabilization Network (ISN) which presents a common mode (asymmetric mode) impedance of 150 Ω to the telecommunication port under test (conversion factor is 20 $\log_{10}$ 150/I = 44 dB).

6.1.2 Measurement procedure

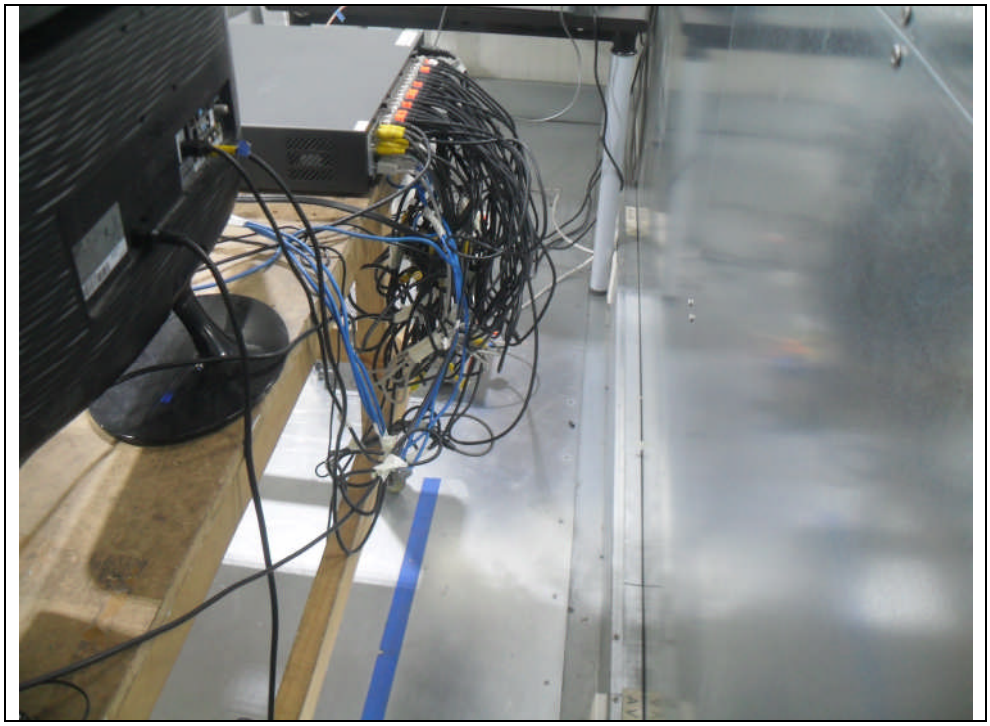
The measurements were performed in a shielded room. EUT was setup as shown in photograph and placed on a non-metallic table height of 0.8 m above the reference ground plane. The rear of table was located 0.4 m to the vertical conducted plane. EUT was power through the LISN, which was bonded to the ground plane. The LISN power was filtered. Each EUT power lead, except ground (safety) lead was individually connected through a LISN to input power source. EUT signal cables that hung closer than 0.4 m to the Horizontal metal ground 0.3 m ~ 0.4 m long. The power cord was bundles in the center. All peripheral equipment was powered from a sub LISN. The LISN and ISN were positioned 0.8 m from the EUT. Peak and Average detection were used in preliminary testing and Quasi-peak and Average detections were used at final measurement. Both lines of power cord, hot and neutral, were measured.

6.1.3 Used equipments

Equipment	Model	Serial No.	Makers	Next Cal. Date	Used
Test Receiver	ESCI7	100732	R&S	2015.01.27	☐
Test Receiver	ESCI	100001	R&S	2014.07.25	☒
Test Receiver	ESCI	100710	R&S	2014.10.28	☐
LISN	ENV216	101358	R&S	2014.10.04	☒
LISN	ESH3-Z5	100267	R&S	2014.07.08	☒
8-WIRE ISN	NTFM 8158 CAT5	CAT5-8158-0028	SCHWARZBECK	2014.04.13	☒
8-WIRE ISN	NTFM 8158 CAT3	CAT3-8158-0020	SCHWARZBECK	2014.04.13	☐
ISN	ST08	24342	TESEQ	2014.06.21	☐
ISN	ENY81	101545	R&S	2014.08.29	☐

6.1.4 Photographs of test setup

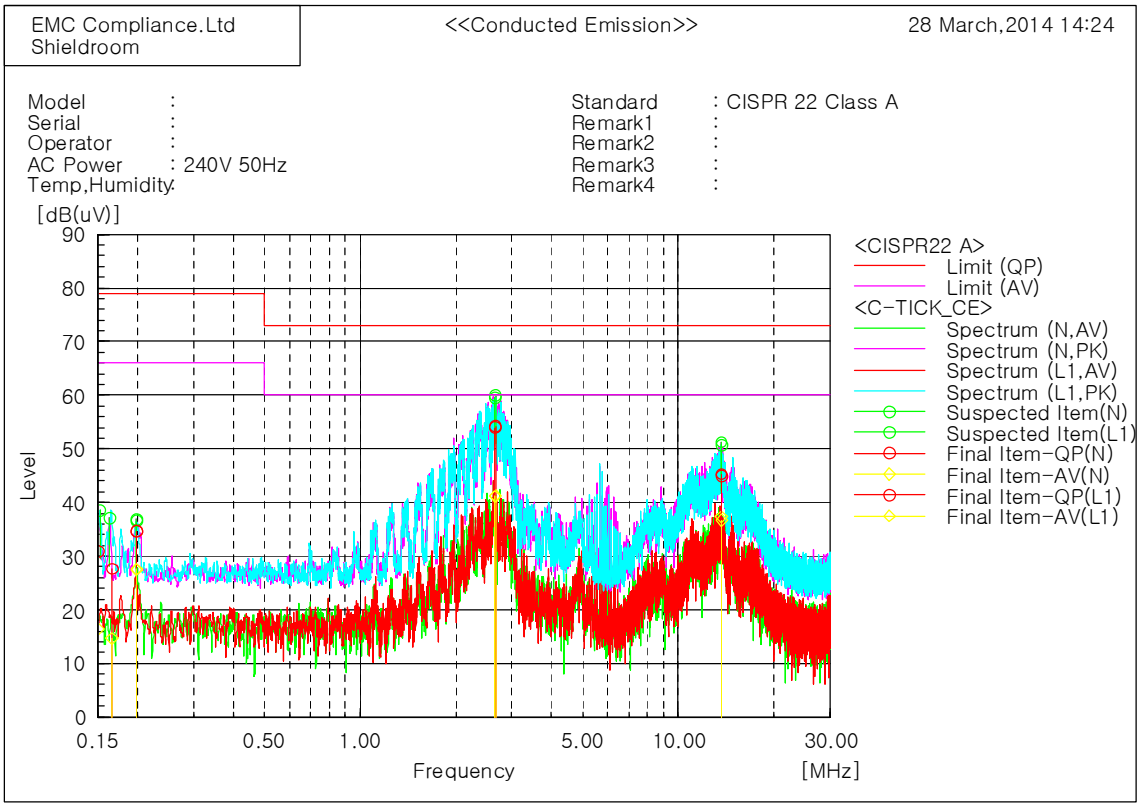
* AC Main



* Telecommunication

6.1.5 Conducted emission measurement result

* AC Main (SRD-1676DP)



Final Result

--- N Phase ---

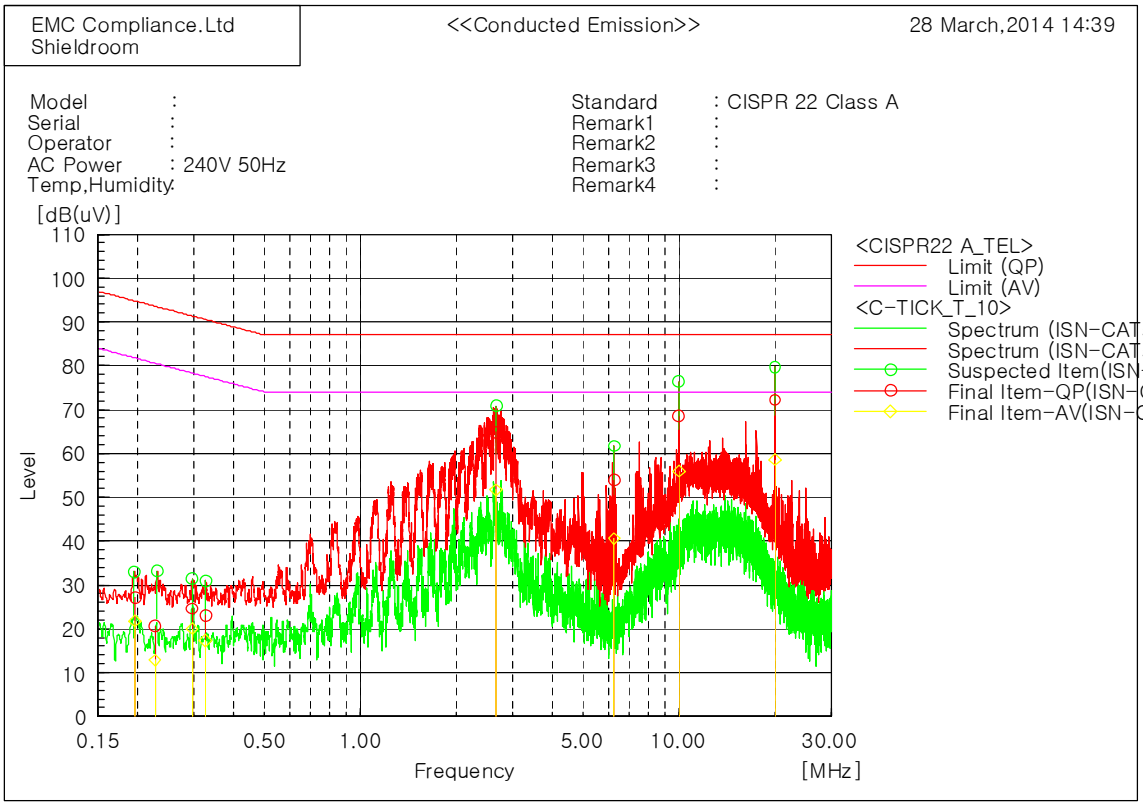
No.	Frequency [MHz]	Reading QP [dB(uV)]	Reading CAV [dB(uV)]	c.f [dB]	Result QP [dB(uV)]	Result CAV [dB(uV)]	Limit QP [dB(uV)]	Limit AV [dB(uV)]	Margin QP [dB]	Margin CAV [dB]
1	0.16629	17.6	4.6	10.0	27.6	14.6	79.0	66.0	51.4	51.4
2	0.1987	24.7	17.5	10.0	34.7	27.5	79.0	66.0	44.3	38.5
3	2.66448	44.5	31.5	9.7	54.2	41.2	73.0	60.0	18.8	18.8
4	13.65424	35.4	27.4	9.9	45.3	37.3	73.0	60.0	27.7	22.7

--- L1 Phase ---

No.	Frequency [MHz]	Reading QP [dB(uV)]	Reading CAV [dB(uV)]	c.f [dB]	Result QP [dB(uV)]	Result CAV [dB(uV)]	Limit QP [dB(uV)]	Limit AV [dB(uV)]	Margin QP [dB]	Margin CAV [dB]
1	0.15074	20.9	6.4	10.0	30.9	16.4	79.0	66.0	48.1	49.6
2	0.19904	24.6	17.5	10.1	34.7	27.6	79.0	66.0	44.3	38.4
3	2.66355	44.3	31.4	9.7	54.0	41.1	73.0	60.0	19.0	18.9
4	13.71165	35.1	26.9	9.8	44.9	36.7	73.0	60.0	28.1	23.3

* Telecommunication port

LAN Port (LCL 65 dB)_10 Mbps (SRD-1676DP)

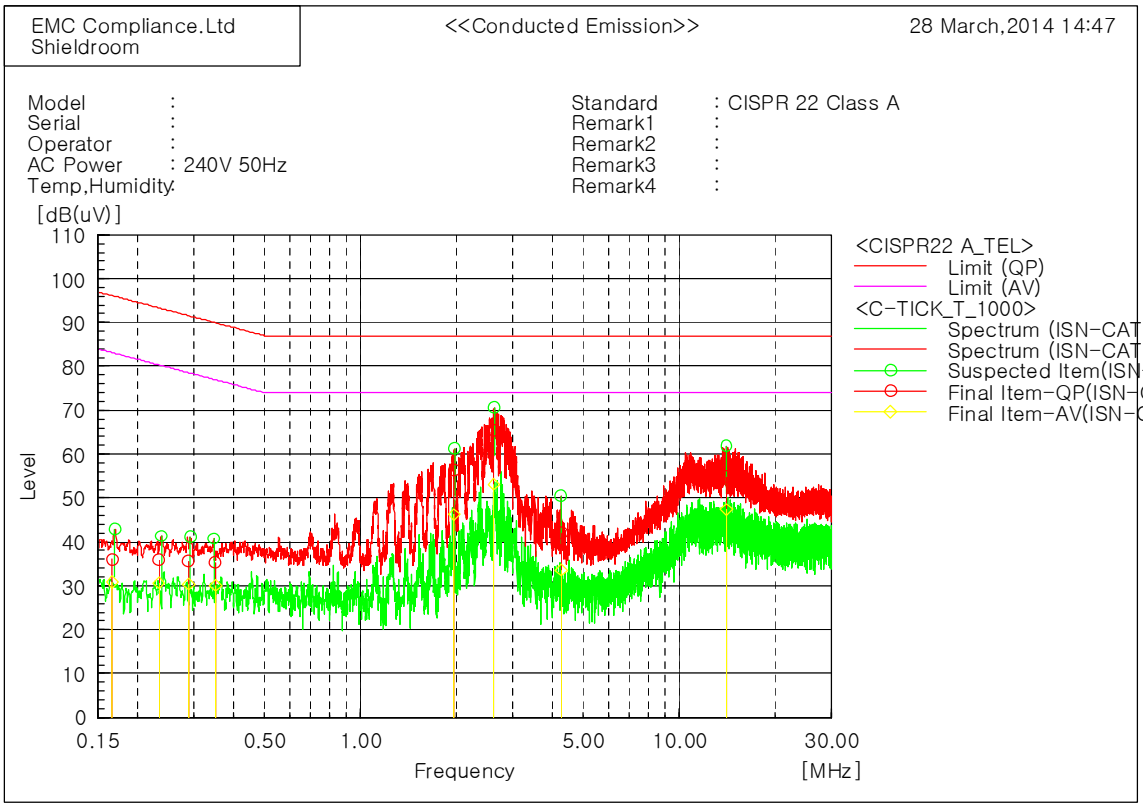


Final Result

--- CAT5 Phase ---

No.	Frequency [MHz]	Reading QP [dB(uV)]	Reading CAV [dB(uV)]	c.f [dB]	Result QP [dB(uV)]	Result CAV [dB(uV)]	Limit QP [dB(uV)]	Limit AV [dB(uV)]	Margin QP [dB]	Margin CAV [dB]
1	0.19633	16.8	11.5	10.3	27.1	21.8	94.8	81.8	67.7	60.0
2	0.22695	10.4	2.6	10.2	20.6	12.8	93.6	80.6	73.0	67.8
3	0.29646	14.5	9.9	10.1	24.6	20.0	91.3	78.3	66.7	58.3
4	0.32689	13.0	7.2	10.1	23.1	17.3	90.5	77.5	67.4	60.2
5	2.66393	55.2	42.0	9.7	64.9	51.7	87.0	74.0	22.1	22.3
6	6.25042	44.2	31.0	9.6	53.8	40.6	87.0	74.0	33.2	33.4
7	10.0002	58.8	46.4	9.6	68.4	56.0	87.0	74.0	18.6	18.0
8	20.00037	62.5	48.9	9.7	72.2	58.6	87.0	74.0	14.8	15.4

LAN Port (LCL 65 dB)_1000 Mbps (SRD-1676DP)



Final Result

--- CAT5 Phase ---

No.	Frequency [MHz]	Reading QP [dB(uV)]	Reading CAV [dB(uV)]	c.f [dB]	Result QP [dB(uV)]	Result CAV [dB(uV)]	Limit QP [dB(uV)]	Limit AV [dB(uV)]	Margin QP [dB]	Margin CAV [dB]
1	0.16686	25.6	20.4	10.4	36.0	30.8	96.1	83.1	60.1	52.3
2	0.23325	25.7	20.4	10.2	35.9	30.6	93.3	80.3	57.4	49.7
3	0.28911	25.5	20.2	10.1	35.6	30.3	91.5	78.5	55.9	48.2
4	0.35102	25.3	20.1	10.0	35.3	30.1	89.9	76.9	54.6	46.8
5	1.96871	46.6	36.6	9.7	56.3	46.3	87.0	74.0	30.7	27.7
6	2.62565	55.6	43.5	9.7	65.3	53.2	87.0	74.0	21.7	20.8
7	4.26937	32.4	23.9	9.7	42.1	33.6	87.0	74.0	44.9	40.4
8	14.07394	45.3	37.7	9.6	54.9	47.3	87.0	74.0	32.1	26.7

6.2 Radiated Emission

Test specification	AS/NZS CISPR 22:2009+A1:2010, Class A		
Testing voltage	240 V, 50 Hz		
Test facility	10 m Chamber (#F2)		
Test distance	10 m, 3 m		
Date	2014. 03. 31		
Temperature (°C)	20. 6 °C	Humidity (% R.H.)	35.1 % R.H.
Remarks	Complied		

6.2.1 Limits of radiated emission measurement

☒ Limits below 1 GHz

Frequency MHz	Class A dBμV/m @ 10 m	Class B dBμV/m @ 10 m
30 ~ 230	40	30
230 ~ 1 000	47	37

☒ Limits above 1 GHz

Frequency MHz	Class A @ 3 m		Class B @ 3 m	
	Average limit dBμV/m	Peak limit dBμV/m	Average limit dBμV/m	Peak limit dBμV/m
1 ~ 3	56	76	50	70
3 ~ 6	60	80	54	74
Note - The lower limit applies at the transition frequency.				

6.2.2 Measurement procedure

The test was done at a 10 m chamber with a quasi-peak detector. EUT was placed on a non-metallic table height of 0.8 m above the reference ground plane. Cables were folded back and forth forming a bundle 0.3 m to 0.4 m long and were hanged at a 0.4 m height to the ground plane.
Cables connected to EUT were fixed to cause maximum emission. Test was made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna was varied in height above the conducting ground plane to obtain the maximum signal strength.

6.2.3 Used equipments

Equipment	Model no.	Serial no.	Makers	Next Cal. Date	Used
Test Receiver	ESCI7	100732	R&S	2015.01.27	☒
Test Receiver	ESCI	100001	R&S	2014.07.25	☐
Test Receiver	ESCI	100710	R&S	2014.10.28	☐
Test Receiver	ESR	101078	R&S	2015.02.24	☐
Bi-Log Antenna	VULB 9168	440	SCHWARZBECK	2015.10.16	☒
Amplifier	310N	293004	SONOMA INSTRUMENT	2014.10.31	☒
3 dB Attenuator	8491B	22981	HP	2014.03.19	☒
Antenna Mast	MA4000-EP	303	Innco Systems	-	☒
Turn Table	DT2000S-1t	079	Innco Systems	-	☒
Amplifier	8449B	3008A02343	AGILENT	2014.10.31	☒
Horn ANT	3115	00155772	ETS	2015.02.26	☒
Spectrum Analyzer	FSP7	100289	R&S	2014.11.25	☐

6.2.4 Sample calculation

The field strength is calculated adding the antenna Factor, cable loss and, Antenna pad adding, subtracting the amplifier gain from the measured reading.

The sample calculation is as follow:

Result = M.R + C.F(A.F + C.L +3 dB Att – A.G)

M.R = Meter Reading

C.F = Correction Factor

A.F = Antenna Factor

C.L = Cable Loss

A.G= Amplifier Gain

3 dB Att = 3 dB Attenuator

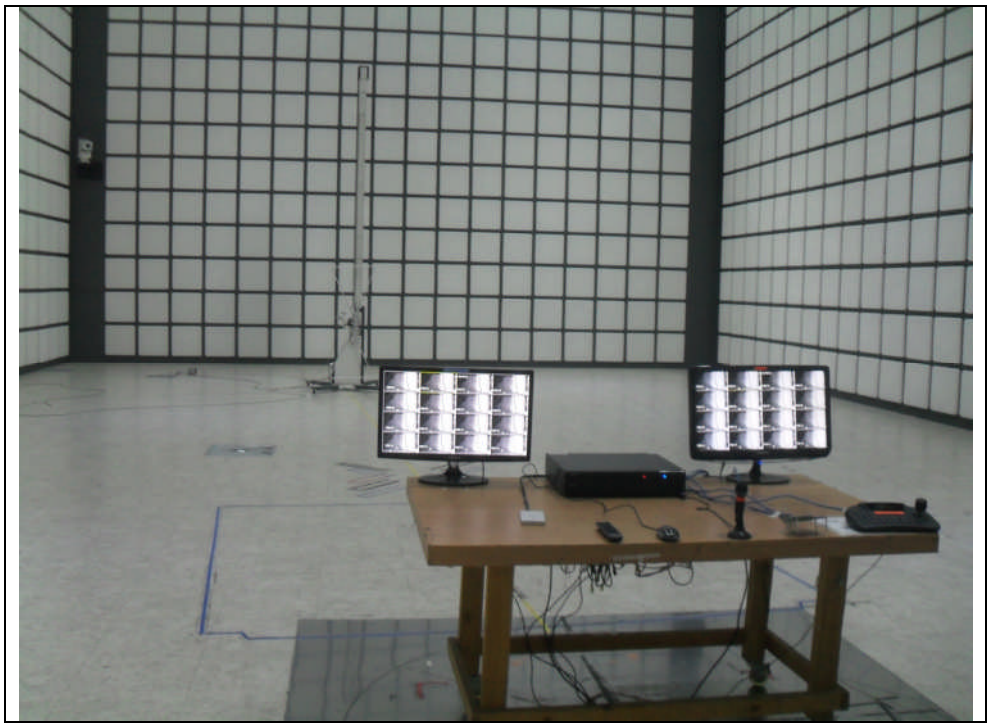
If M.R is 30 dB, A.F 12 dB, C.L 5 dB, 3 dB, A.G 35 dB

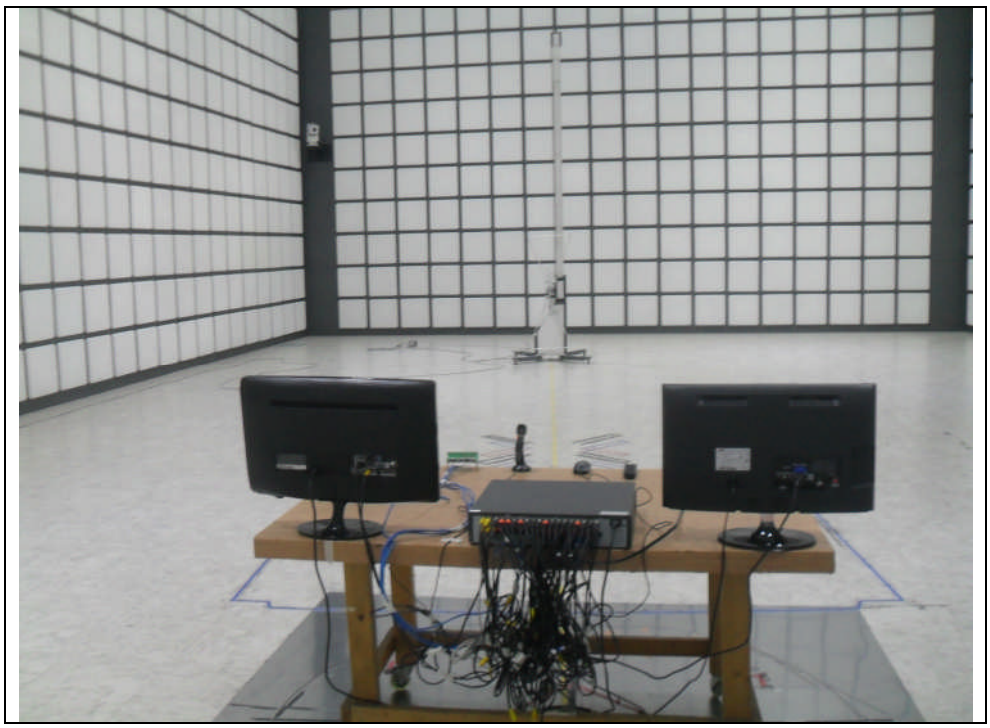
The result is

30 + 12 + 5 + 3 – 35 = 15 dBμV/m

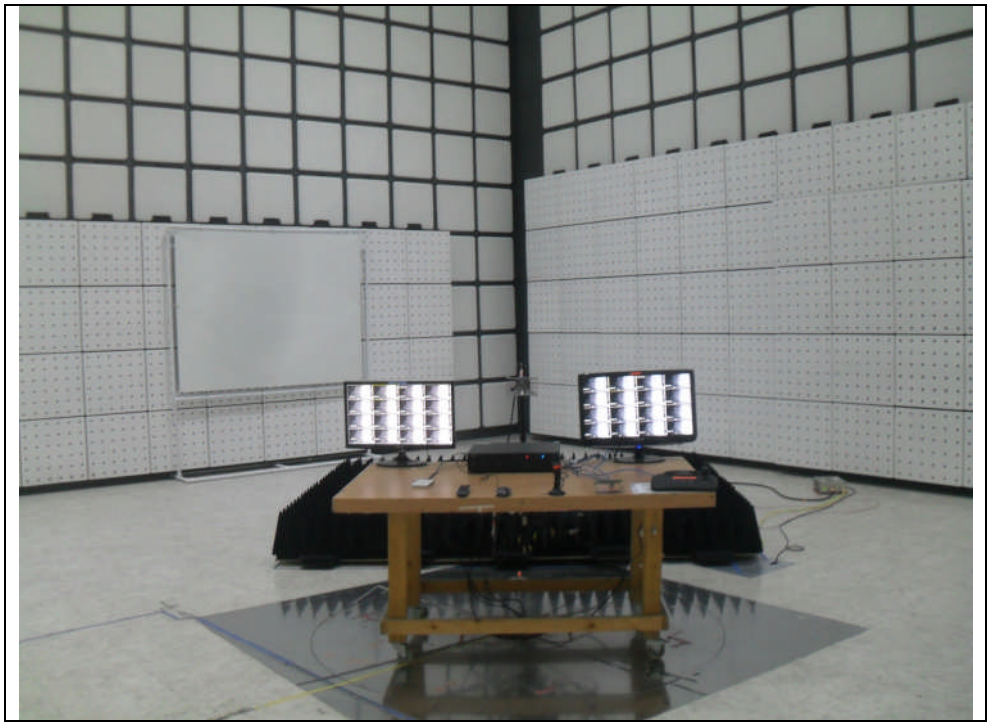
6.2.5 Photographs of test setup

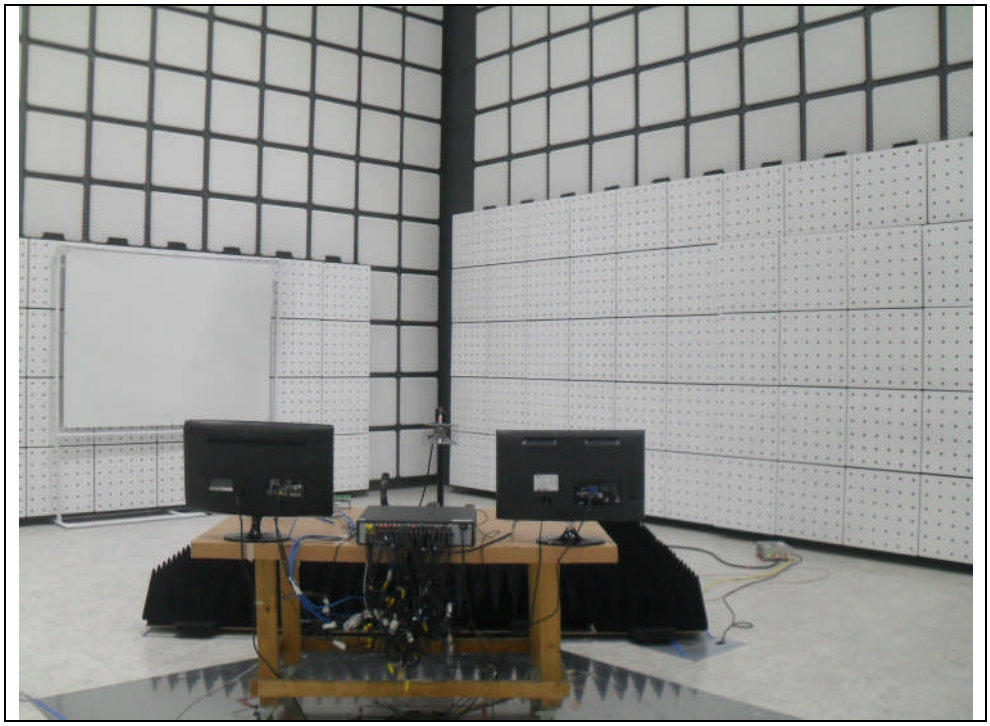
* 30 ㎒ ~ 1 ㎓





* 1 ㎓ ~ 6 ㎓

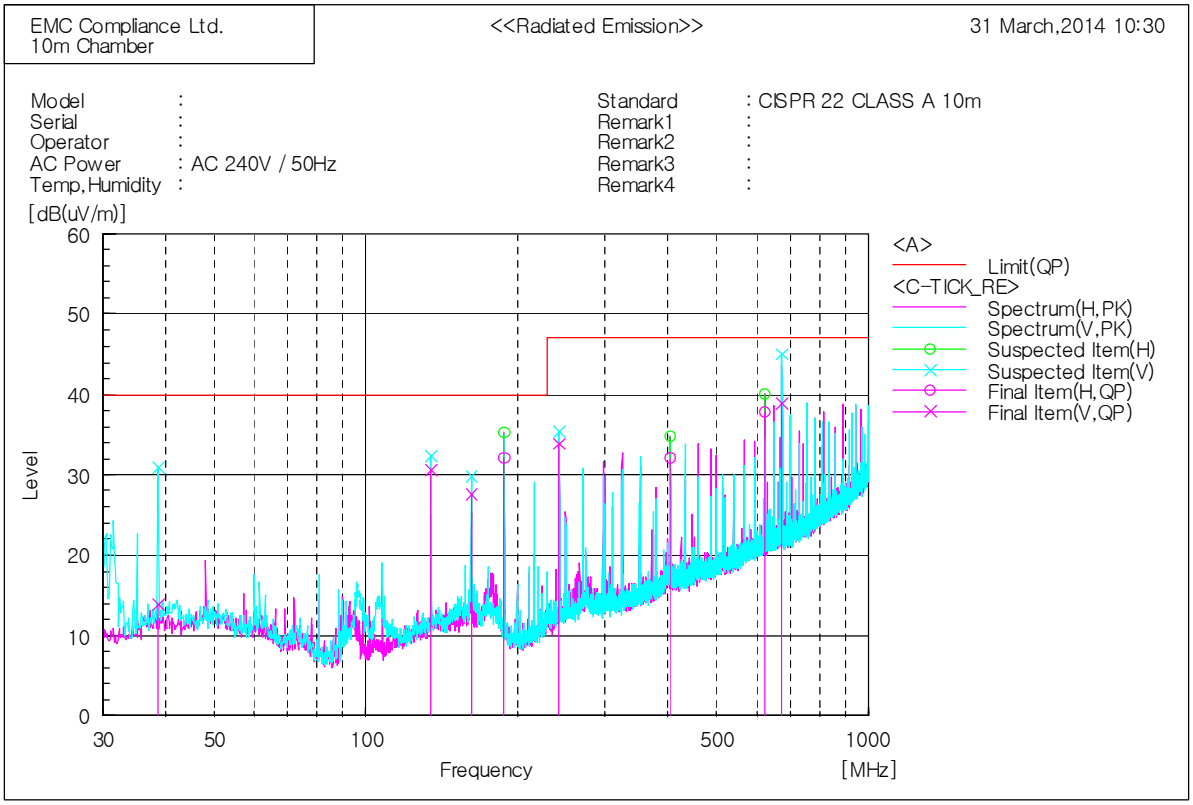




6.2.6 Radiated emission measurement result

*** Graph and Data**

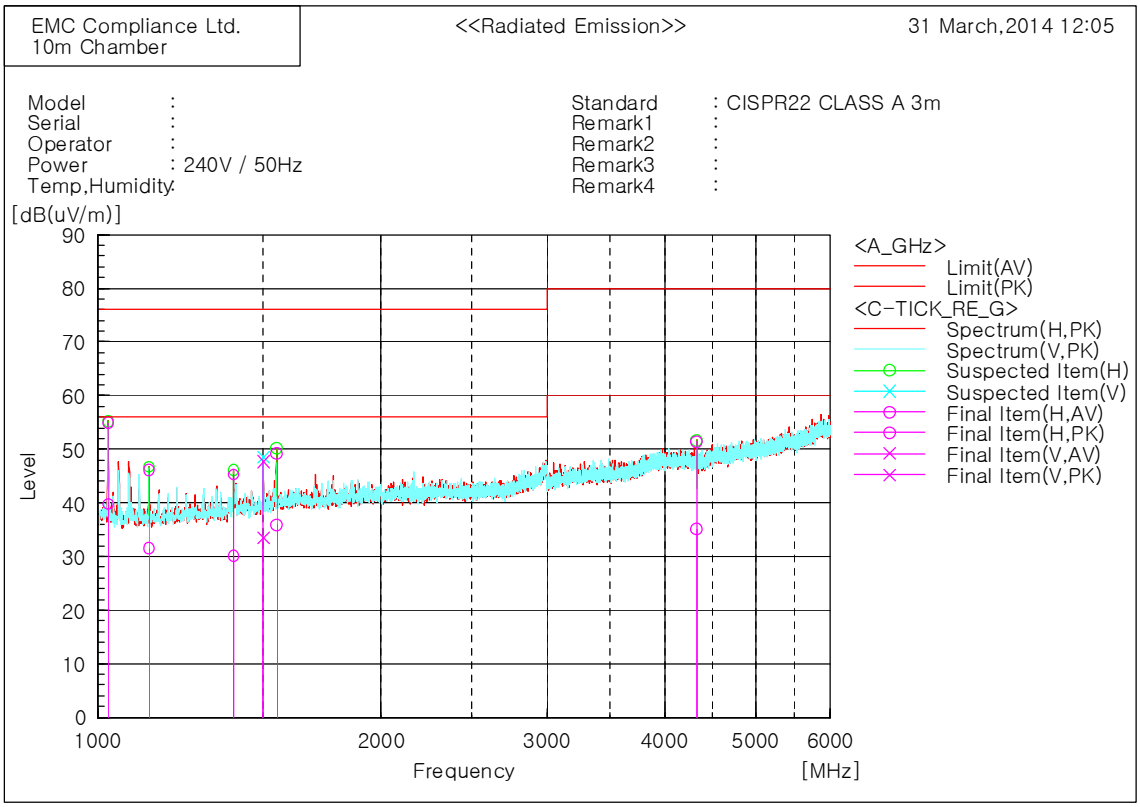
* 30 ㎒ ~ 1 ㎓ (SRD-1676DP)



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]
1	38.609	V	28.1	-14.1	14.0	40.0	26.0	299.0	353.7
2	135.003	V	44.5	-13.9	30.6	40.0	9.4	198.0	31.6
3	161.920	V	40.6	-13.0	27.6	40.0	12.4	100.0	319.5
4	188.959	H	46.3	-14.1	32.2	40.0	7.8	400.0	347.5
5	243.036	V	46.5	-12.6	33.9	47.0	13.1	100.0	10.0
6	405.026	H	39.2	-7.0	32.2	47.0	14.8	201.0	270.1
7	620.973	H	39.3	-1.5	37.8	47.0	9.2	101.0	111.8
8	675.050	V	39.7	-0.7	39.0	47.0	8.0	299.0	342.9

* 1 ㎓ ~ 6 ㎓ (SRD-1676DP)



Final Result

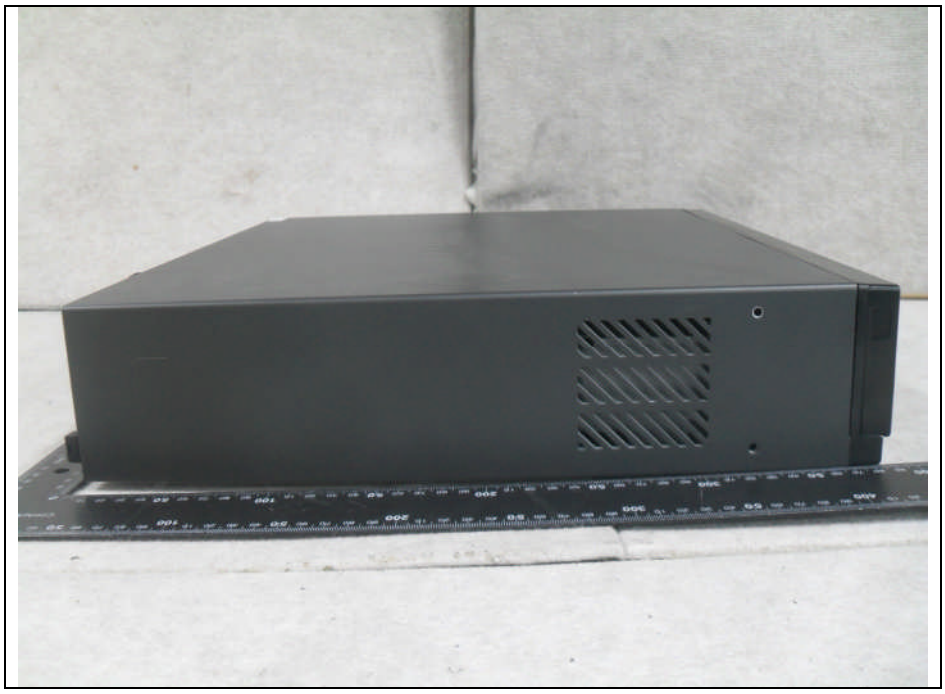
No.	Frequency [MHz]	(P)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	c.f [dB(1/m)]	Result AV [dB(uV/m)]	Result PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	1025.625	H	45.6	60.7	-5.8	39.8	54.9	56.0	76.0	16.2	21.1	100.0	213.5
2	1133.750	H	36.5	51.2	-5.0	31.5	46.2	56.0	76.0	24.5	29.8	100.0	218.5
3	1394.375	H	33.1	48.3	-3.0	30.1	45.3	56.0	76.0	25.9	30.7	100.0	246.2
4	1500.000	V	35.7	50.0	-2.3	33.4	47.7	56.0	76.0	22.6	28.3	100.0	232.9
5	1550.000	H	37.5	50.8	-1.6	35.9	49.2	56.0	76.0	20.1	26.8	100.0	206.0
6	4330.625	H	26.1	42.4	9.0	35.1	51.4	60.0	80.0	24.9	28.6	100.0	183.3

7. E.U.T. photographs

Front View

Rear View

Left View



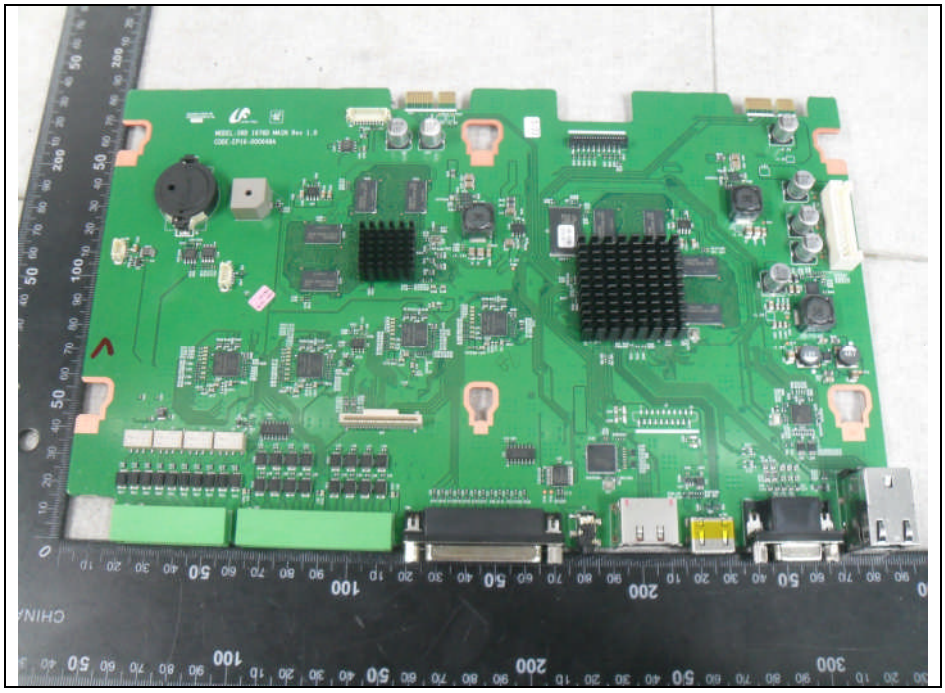
Right View

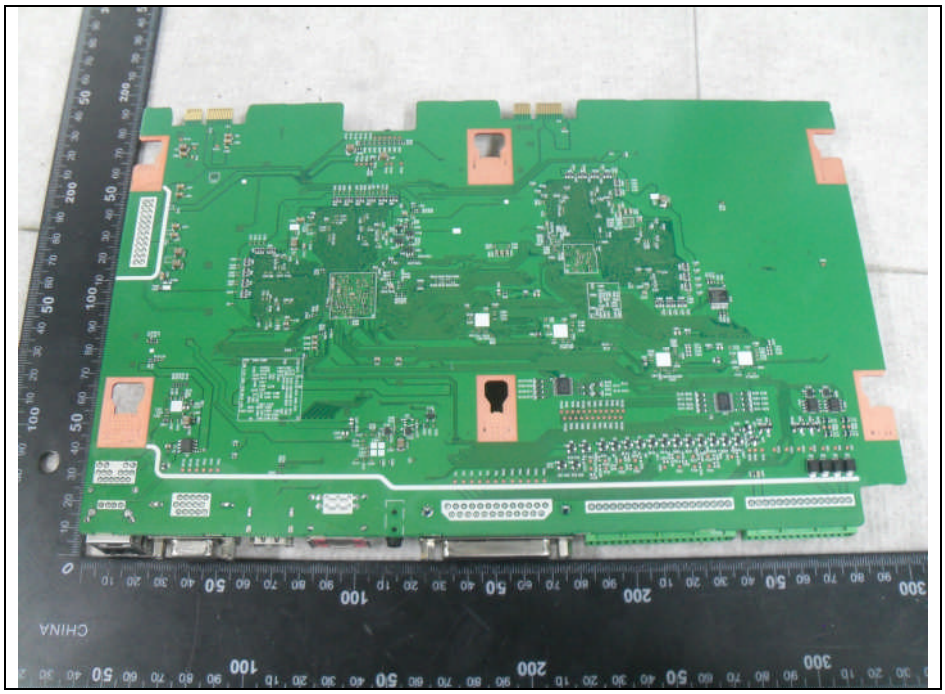
Top View

Bottom View

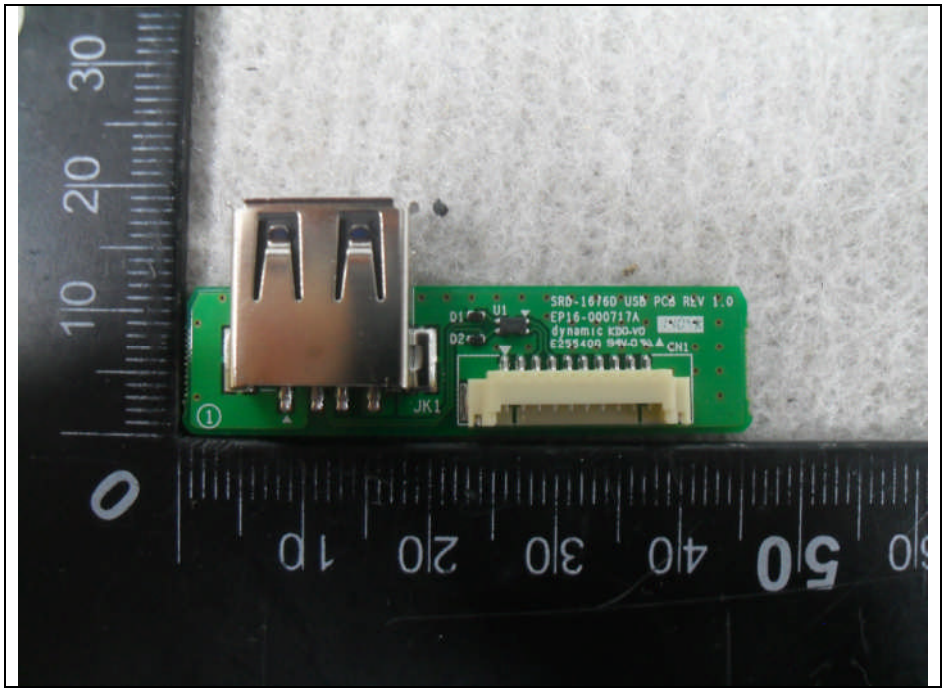
Inside

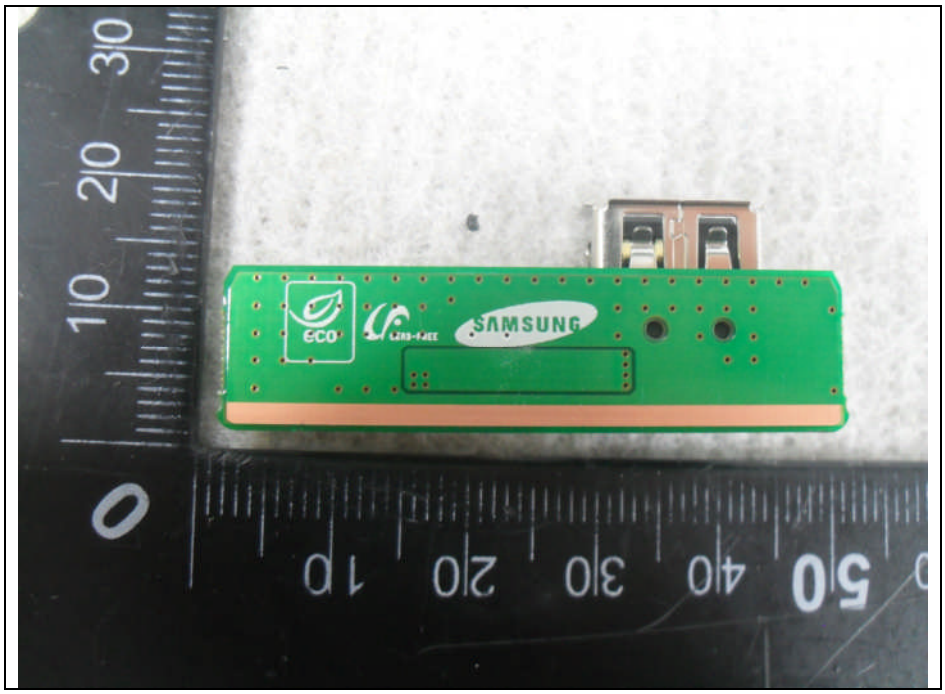
Main Board



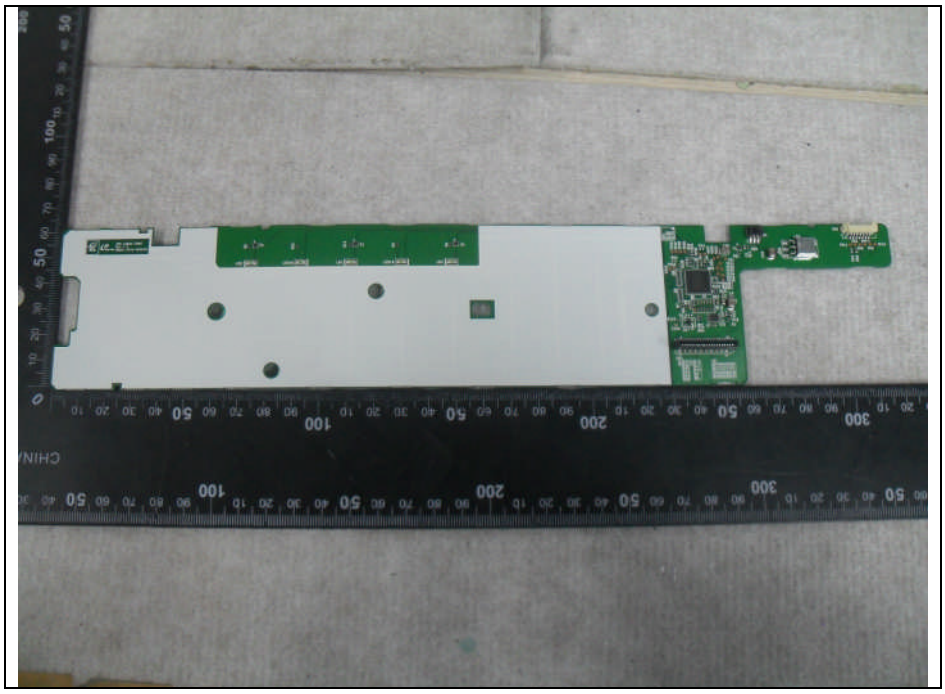


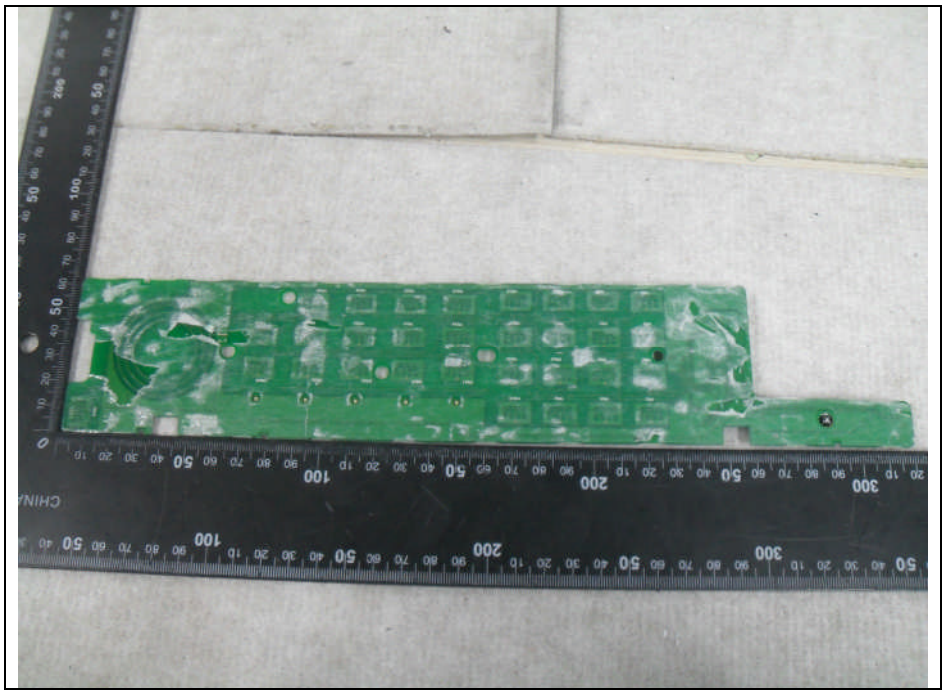
SUB Board



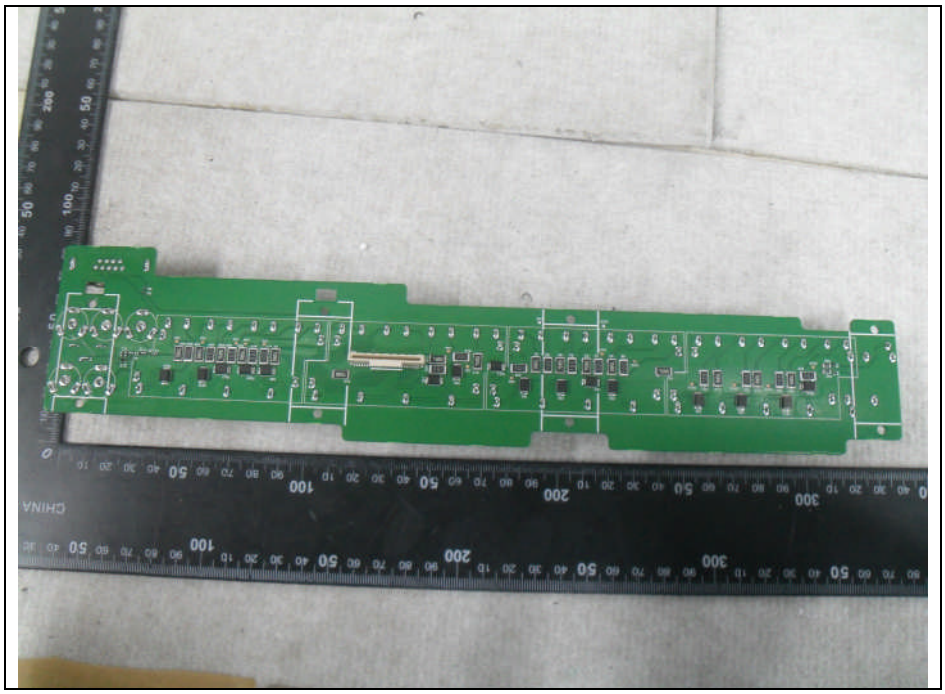


Front Board

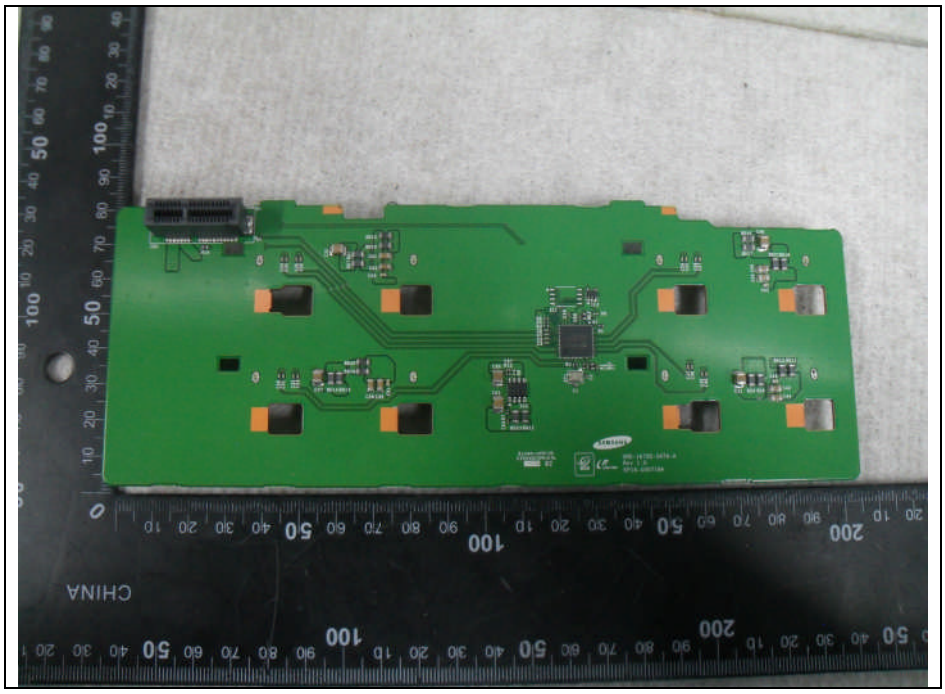


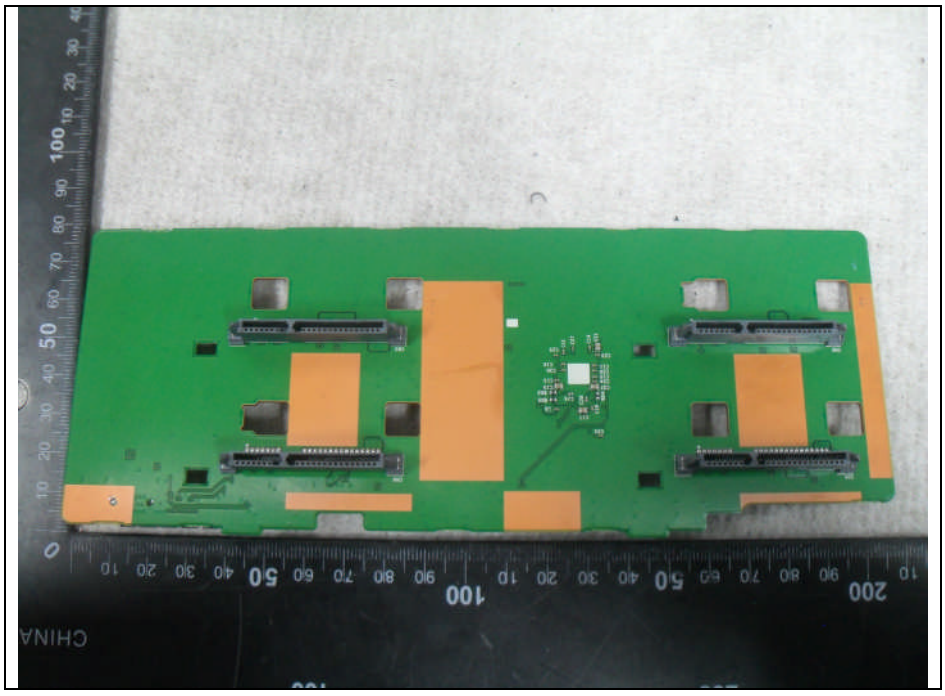


Port Board

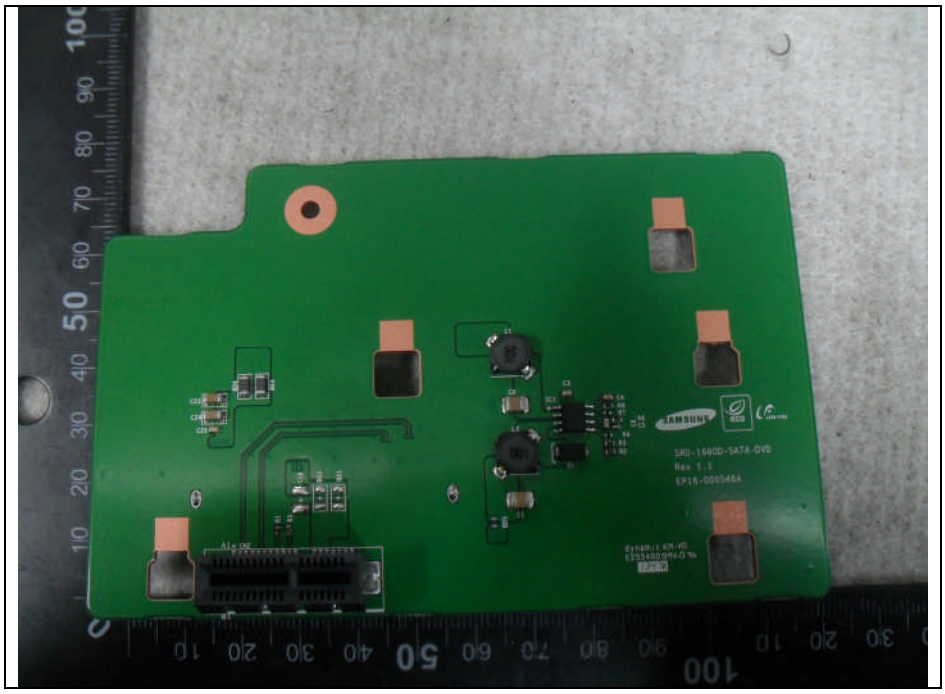


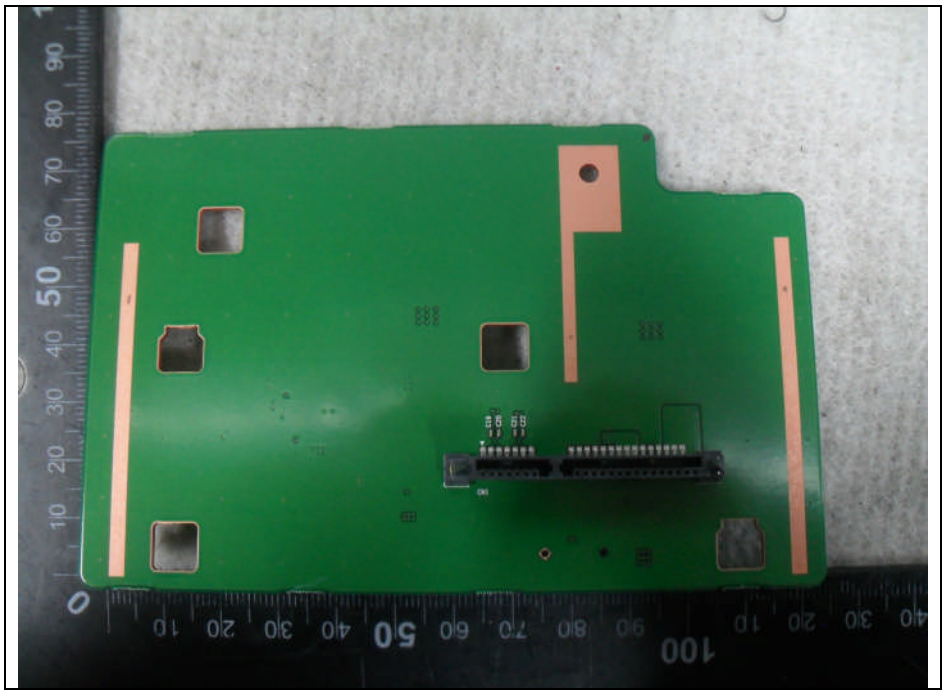
SATA Board



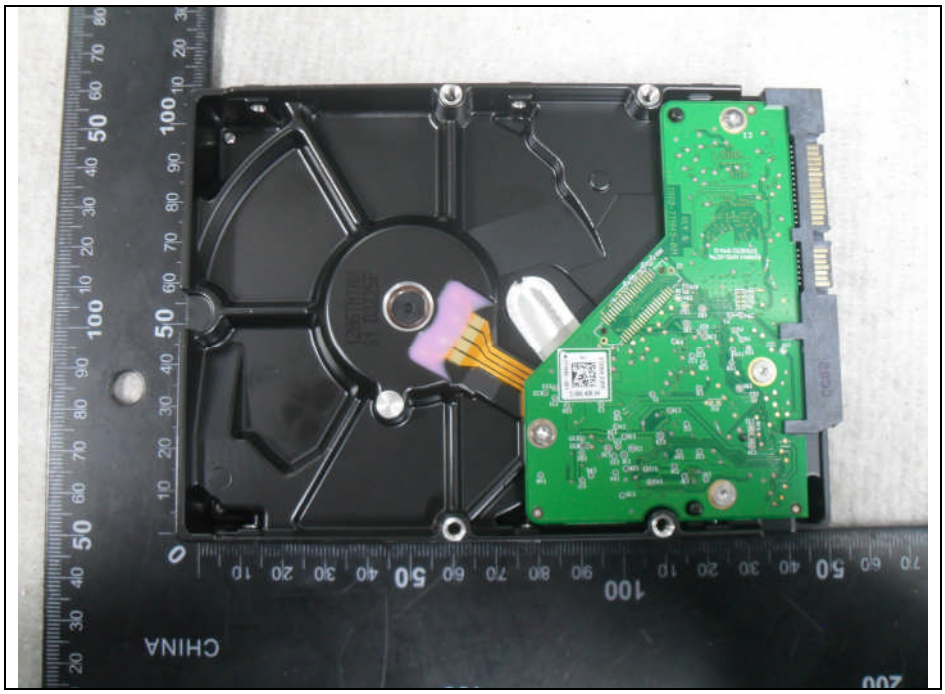


SATA DVD Board

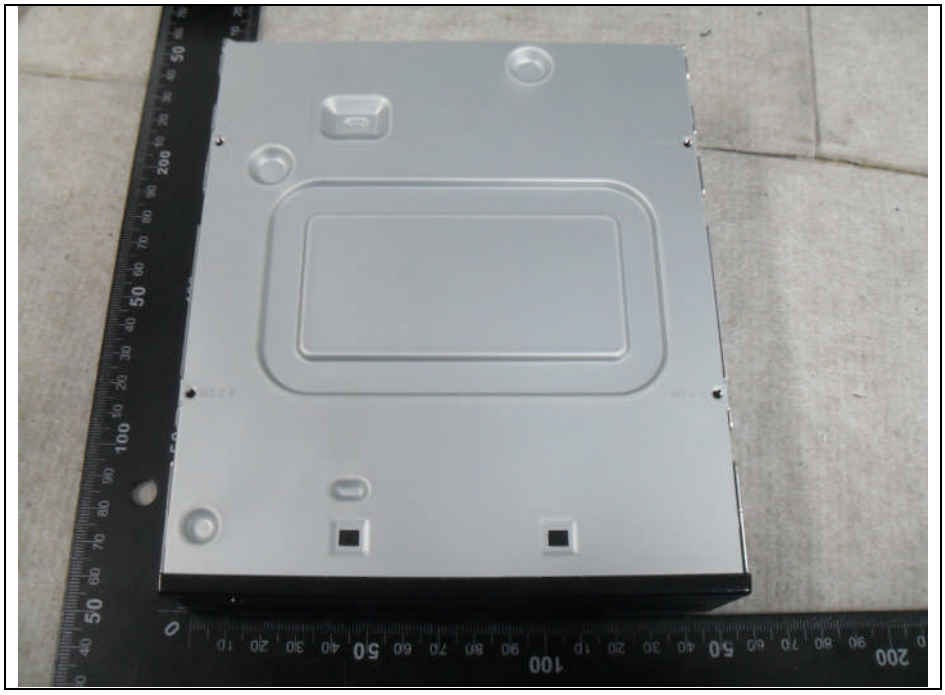




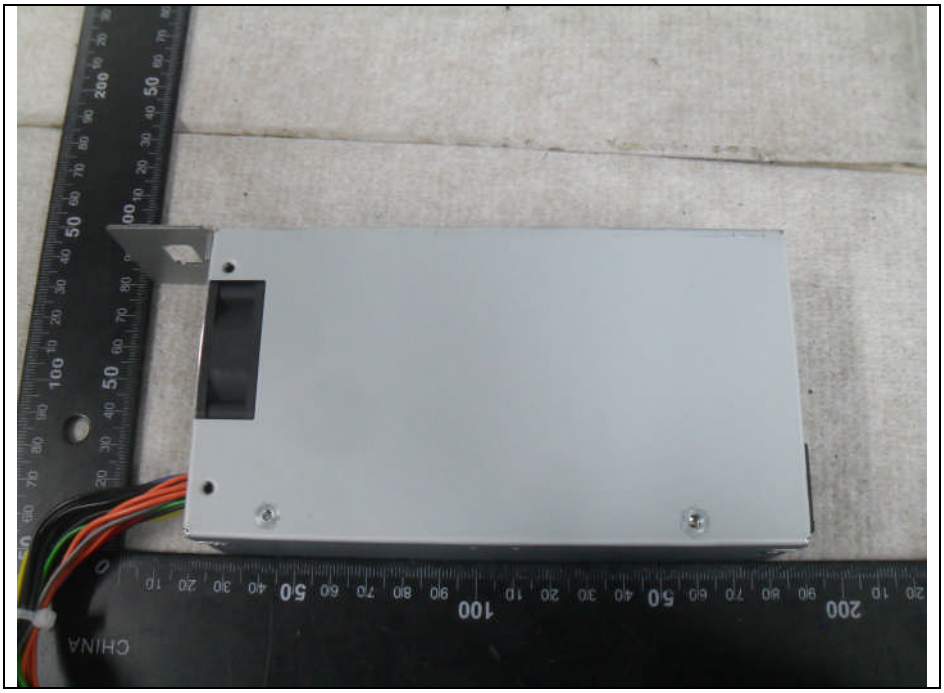
HDD (1TB)

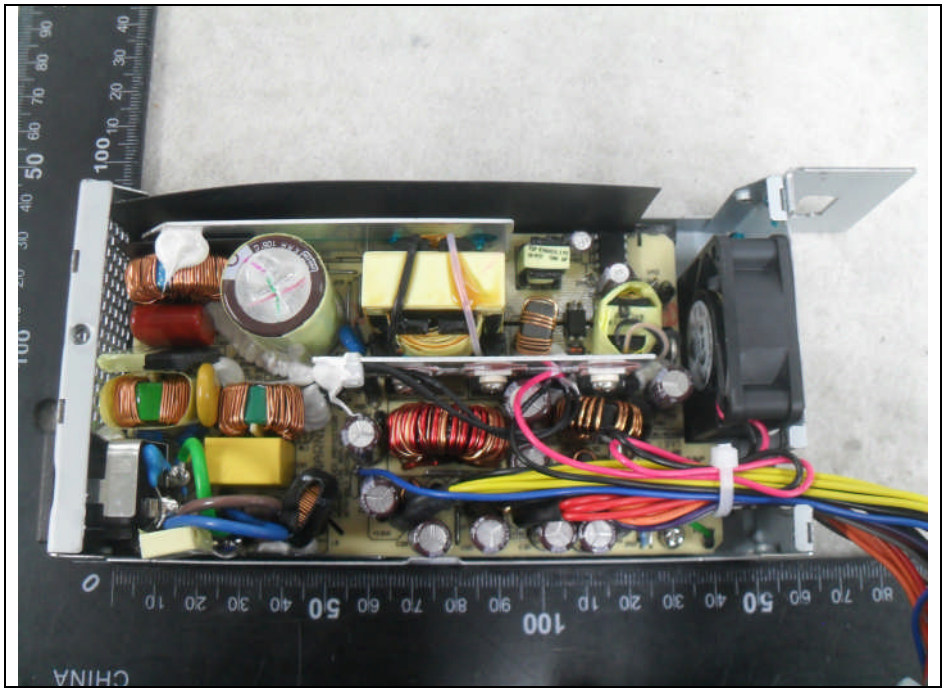


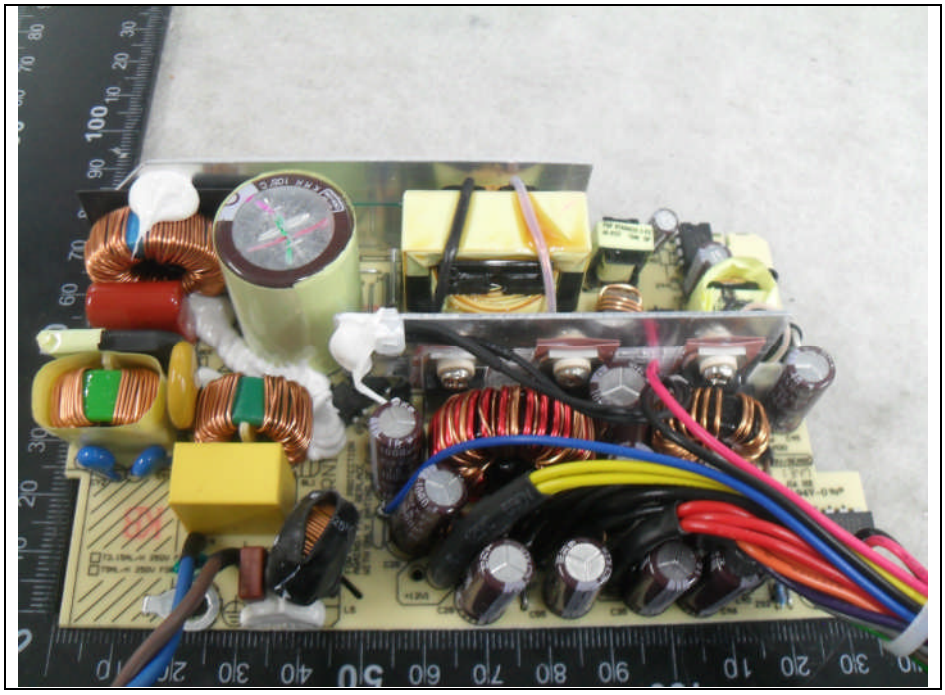
ODD

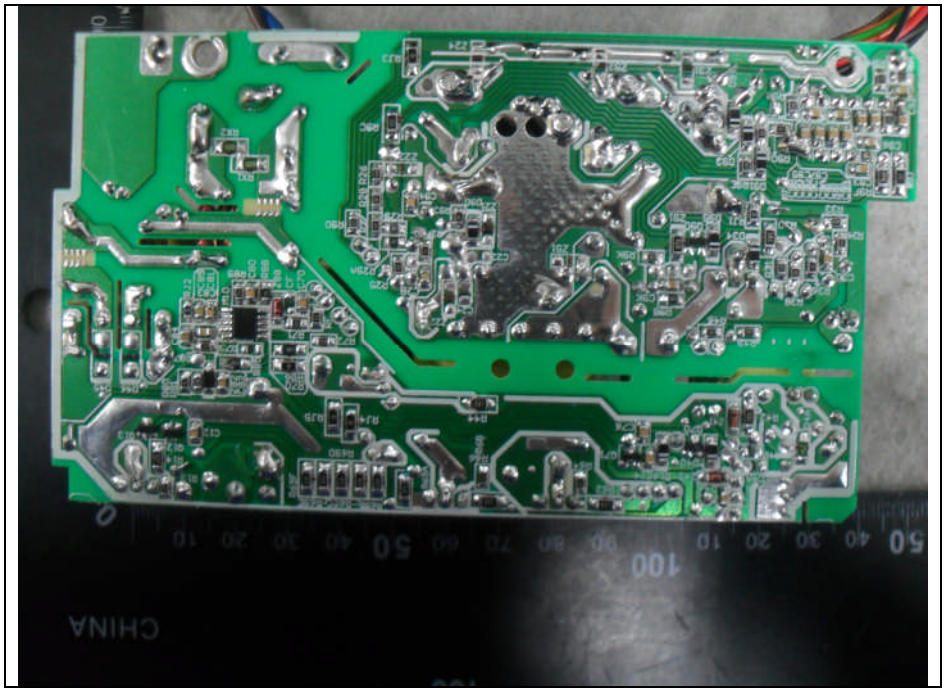


Power









USB Mouse

Remote Control