

Application for FCC Certificate
On Behalf of
S3 Graphics, Co., Ltd.

Chrome 540 Graphic Card

Model No.: S3G007

Serial No.: E2008121703

FCC ID : WN9S3G007

Prepared For : S3 Graphics, Co., Ltd.
1025 Mission Court, Fremont, CA 94539, USA

Prepared By : Audix Technology (Shanghai) Co., Ltd.
3F 34Bldg 680 Guiping Rd,
Caohejing Hi-Tech Park,
Shanghai 200233, China

Tel: +86-21-64955500
Fax: +86-21-64955491

Report No. : ACI-F09001
Date of Test : Dec 31, 2008
Date of Report : Jan 07, 2009

TABLE OF CONTENTS

	Page
1 SUMMARY OF STANDARDS AND RESULTS.....	4
1.1 Description of Standards and Results.....	4
2 GENERAL INFORMATION.....	5
2.1 Description of Equipment Under Test.....	5
2.2 Peripherals.....	6
2.3 Description of Test Facility.....	7
2.4 Measurement Uncertainty.....	7
3 CONDUCTED EMISSION TEST.....	8
3.1 Test Equipment.....	8
3.2 Block Diagram of Test Setup.....	8
3.3 Conducted Emission Limit [FCC Part 15 Subpart B 15.107(a)].....	9
3.4 Test Configuration.....	9
3.5 Operating Condition of EUT.....	10
3.6 Test Procedures.....	10
3.7 Test Results.....	11
4 RADIATED EMISSION TEST.....	37
4.1 Test Equipment.....	37
4.2 Block Diagram of Test Setup.....	37
4.3 Radiated Emission Limit [FCC Part 15 Subpart B 15.109(a)].....	38
4.4 Test Configuration.....	38
4.5 Operating Condition of EUT.....	39
4.6 Test Procedures.....	39
4.7 Test Results.....	40
5 DEVIATION TO TEST SPECIFICATIONS.....	67

TEST REPORT FOR FCC CERTIFICATE

Applicant : S3 Graphics, Co., Ltd.
Manufacturer : Excelsior Electronics Limited
EUT Description : Chrome 540 Graphic Card
(A) Model No. : S3G007
(B) Serial No. : E2008121703
(C) Power Supply : 120V/60Hz

Test Procedure Used:

*FCC RULES AND REGULATIONS PART 15 SUBPART B CLASS B 2008.10
AND ANSI C63.4-2003*

The device described above is tested by Audix Technology (Shanghai) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B (Class B) limits both radiated and conducted emissions.

The test results are contained in this test report and Audix Technology (Shanghai) Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. This report shows that the EUT (M/N: S3G007; S/N: E2008121703) which was tested in 3m anechoic chamber on Dec 31, 2008 is technically compliance with the FCC official limits also.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shanghai) Co., Ltd.

This report contains data that are not covered by the NVLAP accreditation.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Dec 31, 2008 Date of Report : Jan 07, 2009

Producer : Kathy Wang
KATHY WANG / Assistant

Review : Dio Yang
DIO YANG / Supervisor

AUDIX[®] For and on behalf of
Audix Technology (Shanghai) Co., Ltd.

Signatory : Sammy Chen
Authorized Signature EMC SAMMY CHEN / Assistant Manager

1 SUMMARY OF STANDARDS AND RESULTS

1.1 Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below:

Description of Test Item	Standard	Limits	Results
EMISSION			
Conducted Disturbance at the Mains Terminal	FCC RULES AND REGULATIONS PART 15 SUBPART B 2008.10 AND ANSI C63.4-2003	15.107(a) Class B	Pass
Radiated Disturbance	FCC RULES AND REGULATIONS PART 15 SUBPART B 2008.10 AND ANSI C63.4-2003	15.109(a) Class B	Pass

2 GENERAL INFORMATION

2.1 Description of Equipment Under Test

Description	:	Chrome 540 Graphic Card
Type of EUT	:	<input checked="" type="checkbox"/> Production <input type="checkbox"/> Pre-product <input type="checkbox"/> Pro-type
Model No.	:	S3G007
Serial No.	:	E2008121703
Max Resolution	:	Windows Modes : 1600*1200 Refresh Max 100 HDMI Compatible Modes : 1920*1080p Device Specific Modes : 2048*1536 Refresh Max 75
Rated Power	:	30W
Rated Voltage	:	12V/3.3V
Rated Current	:	2A
Work Freq.	:	850MHz/1100MHz
Output Freq. Range	:	25MHz-333MHz
Applicant	:	S3 Graphics, Co., Ltd. 1025 Mission Court, Fremont, CA 94539, USA
Manufacturer	:	Excelsior Electronics Limited Sam Tun Management Zone, Houjie, Dongguan, Guangdong, P.R.China

Remark:

The EUT is a Chrome 540 Graphic Card which input/output ports as follows:

- (1) One HDMI Port
: Connected with LCD Monitor
- (2) One DVI Port
: Connected with LCD Monitor or
Connected with CRT Monitor through DVI to D-Sub
converter
- (3) One Display Port (DP)
: Connected with LCD Monitor

2.2 Peripherals

2.2.1 PC

Manufacturer : HP
Model Number : dx6120MT
Serial Number : CNG53004J2
Power Cord : Unshielded, Detachable, 1.80m
Certificate : VCCI, FCC DoC, CE, CCC (A000111)
MIC (E-A011-04-2659B)

2.2.2 Printer

Manufacturer : HP
Model Number : C3990A
Serial Number : JPZX020487
Data Cable : Shielded, Detachable, 1.5m
Certificate : GS, CE/EMC, C-Tick, FCC DoC

2.2.3 Keyboard

Manufacturer : Microsoft
Model Number : RT2300
Serial Number : 7668200662248
Data Cable : Shielded, Undetachable, 1.8m
Certificate : CE/EMC, FCC DoC, VCCI, MIC,
C-Tick, BSMI

2.2.4 Mouse

Manufacturer : Microsoft
Model Number : RT2300
Serial Number : 6965712071551
Data Cable : Shielded, Undetachable, 1.80m.
Certificate : FCC DoC, VCCI, CE/EMC, MIC, GS

2.2.5 Modem

Manufacturer : TP-LINK
Model Number : TM-EC5658V
Serial Number : 07123301053
Data Cable : Shielded, Detachable, 1.80m
Certificate : CE/EMC, FCC DoC, CCC

2.2.6 Monitor #1 (CRT Monitor)

Manufacturer : ViewSonic
Model Number : VS10284
Serial Number : P9K052800024
Data Cable : Shielded, Detachable, 1.80m, with two cores
Power Cord : Shielded, Detachable, 1.80m
Certificate : FCC DoC, CE/EMC, BSMI, CCC

2.2.7 Monitor #2 (LCD Monitor)

Manufacturer : BENQ
Model Number : FP241W
Serial Number : ET61700278CL0
Data Cable : Shielded, Detachable, 1.80m
Certificate : CCC, FCC DoC, CE/EMC, VCCI ,
BSMI ID: R43002

2.2.8 Monitor #3 (LCD Monitor)

Manufacturer : DELL
Model Number : 3008WFP
Serial Number : CN-0DN771-71618-782-G039
Data Cable : Shielded, Detachable, 1.80m, with two cores
Certificate : CCC, FCC DoC, CE/EMC, VCCI ,
BSMI, C-Tick, MIC

2.3 Description of Test Facility

Site Description : Sept. 17, 1998 file on
(Semi-Anechoic Chamber) July 26, 2006 Renewed
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046, USA

Name of Firm : Audix Technology (Shanghai) Co., Ltd.

Site Location : 3F 34Bldg 680 Guiping Rd,
Caohejing Hi-Tech Park,
Shanghai 200233, China

NVLAP Lab Code : 200371-0

2.4 Measurement Uncertainty

Conducted Emission Expanded Uncertainty: U = 1.26 dB
Radiated Emission Expanded Uncertainty : U = 3.02 dB

3 CONDUCTED EMISSION TEST

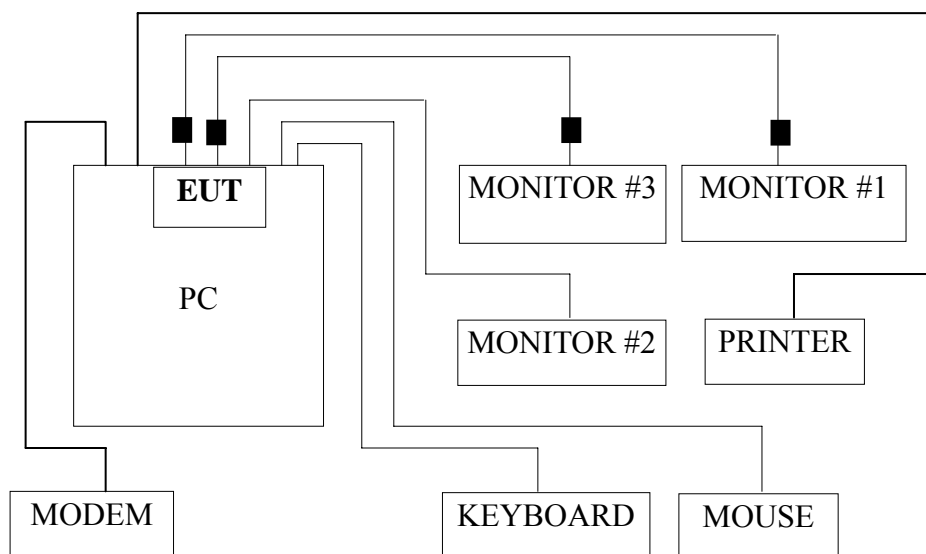
3.1 Test Equipment

The following test equipments are used during the conducted emission test in a shielded room:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESHS10	830223/007	Apr 02, 2008	Apr 02, 2009
2.	Artificial Mains Network (AMN)	R&S	ESH2-Z5	843890/011	Apr 02, 2008	Apr 02, 2009
3.	Line Impedance Stabilization Network (LISN)	Kyoritsu	KNW-407	8-1280-4	Apr 02, 2008	Apr 02, 2009
4.	50 Ω Coaxial Switch	Anritsu	MP59B	6200426389	Sep 19, 2008	Mar 19, 2009
5.	50 Ω Terminator	Anritsu	BNC	001	Apr 02, 2008	Apr 02, 2009
6.	Software	Audix	E3	SET00200 9804M592	--	--

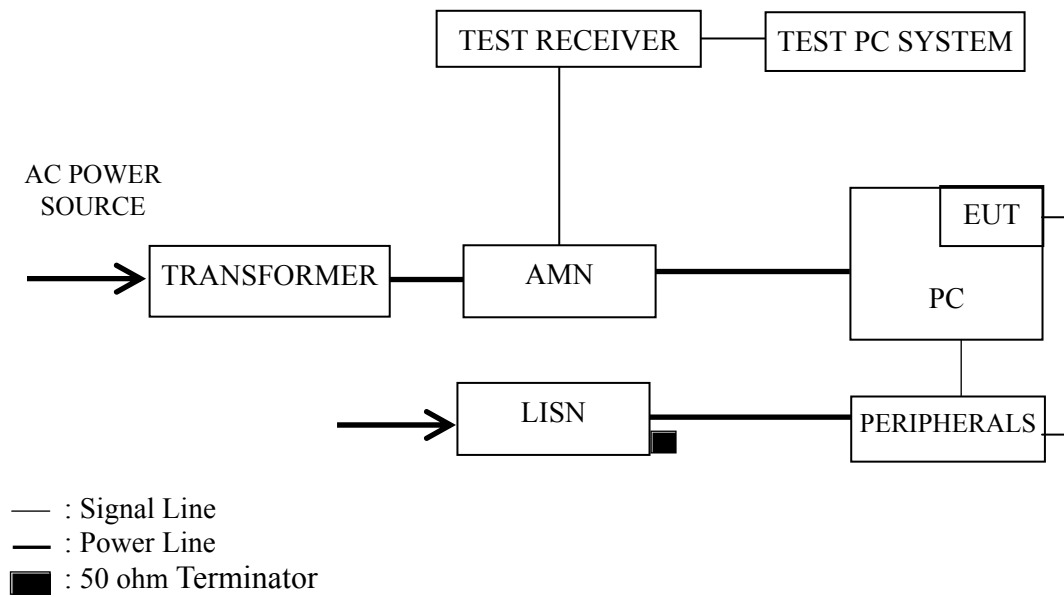
3.2 Block Diagram of Test Setup

3.2.1 EUT & Peripherals



: ■ Ferrite core

3.2.2 Conducted Disturbance Test Setup



3.3 Conducted Emission Limit [FCC Part 15 Subpart B 15.107(a)]

Frequency Range (MHz)	Limits dB (μ V)	
	Quasi-peak	Average
0.15 ~ 0.5	66~56	56~46
0.5 ~ 5	56	46
5 ~ 30	60	50

NOTE 1 – The lower limit shall apply at the transition frequencies.
 NOTE 2 – The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz~0.50 MHz

3.4 Test Configuration

The EUT (listed in Sec.2.1) and the peripherals (listed in Sec 2.2) were installed as shown on Sec.3.2 to meet FCC requirement and operating in a manner that tends to maximize its emission level in a normal application.

3.5 Operating Condition of EUT

3.5.1 Setup the EUT and peripherals as shown in Sec. 3.2.

3.5.2 Turn on the power of all equipments and the EUT.

3.5.3 Set the contrast & brightness of EUT to maximum.

3.5.4 PC system ran the self-test program “EMC Test” by windows XP and sent “H” characters to monitors through EUT, the monitors' screen displayed and filled with “H” pattern by its resolution. (Via DVI, HDMI and DP output).

3.5.5 Repeat above procedure from 3.5.3 to 3.5.4 for difference test mode.

3.5.6 The other peripheral devices were driven and operated during the test.

3.5.7 The test modes are as follows:

Test Mode	
DVI+HDMI 640*480@60Hz	HDMI+DP 1920*1200@60Hz
DVI+HDMI 1600*1200@60Hz	HDMI+DP 2560*1600@60Hz
DVI+HDMI 1680*1050@60Hz	CRT+HDMI 640*480@60Hz
DVI+HDMI 1920*1200@60Hz	CRT+HDMI 1600*1200@60Hz
DVI+HDMI 2560*1600@60Hz	CRT+HDMI 1680*1050@60Hz
DVI+DP 640*480@60Hz	CRT+HDMI 1920*1200@60Hz
DVI+DP 1600*1200@60Hz	CRT+HDMI 2048*1536@75Hz
DVI+DP 1680*1050@60Hz	CRT+DP 640*480@60Hz
DVI+DP 1920*1200@60Hz	CRT+DP 1600*1200@60Hz
DVI+DP 2560*1600@60Hz	CRT+DP 1680*1050@60Hz
HDMI+DP 640*480@60Hz	CRT+DP 1920*1200@60Hz
HDMI+DP 1600*1200@60Hz	CRT+DP 2048*1536@75Hz
HDMI+DP 1680*1050@60Hz	

3.6 Test Procedures

The PC was connected to the power mains through an Artificial Mains Network (AMN). The EUT was installed in PC. The other peripheral devices power cord was connected to the power mains through a line impedance stabilization network (L.I.S.N). This provided a 50 ohm coupling impedance for the measuring equipment.

Both sides of AC line (Line & Neutral) were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed or manipulated according to ANSI C63.4:2003 during conducted emission test.

The bandwidth of R&S Test Receiver ESHS10 was set at 10 kHz.

The frequency range from 150 kHz to 30 MHz was checked.

The test modes were done on conducted disturbance test and all the test results are listed in Sec. 3.7.

3.7 Test Results

< PASS >

The frequency and amplitude of the highest conducted emission relative to the limit is reported. All emissions not reported below are too low against the prescribed limits.

Test Mode	Data Page
DVI+HDMI 640*480@60Hz	P12
DVI+HDMI 1600*1200@60Hz	P13
DVI+HDMI 1680*1050@60Hz	P14
DVI+HDMI 1920*1200@60Hz	P15
DVI+HDMI 2560*1600@60Hz	P16
DVI+DP 640*480@60Hz	P17
DVI+DP 1600*1200@60Hz	P18
DVI+DP 1680*1050@60Hz	P19
DVI+DP 1920*1200@60Hz	P20
DVI+DP 2560*1600@60Hz	P21
HDMI+DP 640*480@60Hz	P22
HDMI+DP 1600*1200@60Hz	P23
HDMI+DP 1680*1050@60Hz	P24
HDMI+DP 1920*1200@60Hz	P25
HDMI+DP 2560*1600@60Hz	P26
CRT+HDMI 640*480@60Hz	P27
CRT+HDMI 1600*1200@60Hz	P28
CRT+HDMI 1680*1050@60Hz	P29
CRT+HDMI 1920*1200@60Hz	P30
CRT+HDMI 2048*1536@75Hz	P31
CRT+DP 640*480@60Hz	P32
CRT+DP 1600*1200@60Hz	P33
CRT+DP 1680*1050@60Hz	P34
CRT+DP 1920*1200@60Hz	P35
CRT+DP 2048*1536@75Hz	P36

NOTE 1 – Factor = Cable Loss + AMN Factor.

NOTE 2 – Emission Level = Meter Reading + Factor.

NOTE 3 – “QP” means “Quasi-Peak” values, “AV” means “Average” values.

NOTE 4 – The worst case is for DVI + HDMI 1600*1200@60Hz test mode.
The worst emission is detected at 0.183 MHz (Average Value) with corrected signal level of 48.59 dB (μV) (limit is 54.34 dB (μV)), when the Line of the PC is connected to AMN.

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 640*480@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.182	53.47	0.69	54.16	64.42	10.26	QP
	0.371	39.49	0.52	40.01	58.47	18.46	
	0.866	39.86	0.47	40.33	56.00	15.67	
	3.000	36.18	0.44	36.62	56.00	19.38	
	13.408	42.80	0.62	43.42	60.00	16.58	
	19.021	42.12	0.67	42.79	60.00	17.21	
	0.182	43.19	0.69	43.88	54.42	10.54	AV
	0.371	29.87	0.52	30.39	48.47	18.08	
	0.866	29.16	0.47	29.63	46.00	16.37	
	3.000	26.14	0.44	26.58	46.00	19.42	
	13.408	32.15	0.62	32.77	50.00	17.23	
	19.021	32.15	0.67	32.82	50.00	17.18	
Neutral	0.182	53.16	0.68	53.84	64.37	10.53	QP
	0.371	37.55	0.53	38.08	58.47	20.39	
	0.866	37.51	0.54	38.05	56.00	17.95	
	2.077	33.07	0.44	33.51	56.00	22.49	
	12.716	38.89	0.62	39.51	60.00	20.49	
	19.021	41.19	0.63	41.82	60.00	18.18	
	0.182	47.59	0.68	48.27	54.37	6.10	AV
	0.371	27.48	0.53	28.01	48.47	20.46	
	0.866	27.18	0.54	27.72	46.00	18.28	
	2.077	23.18	0.44	23.62	46.00	22.38	
	12.716	28.19	0.62	28.81	50.00	21.19	
	19.021	31.46	0.63	32.09	50.00	17.91	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 1600*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	49.51	0.76	50.27	65.89	15.62	QP
	0.183	53.19	0.69	53.88	64.34	10.46	
	0.866	38.53	0.47	39.00	56.00	17.00	
	1.487	34.43	0.44	34.87	56.00	21.13	
	12.988	42.19	0.62	42.81	60.00	17.19	
	18.328	40.71	0.66	41.37	60.00	18.63	
	0.152	39.50	0.76	40.26	55.89	15.63	AV
	0.183	47.90	0.69	48.59	54.34	5.75	
	0.866	28.49	0.47	28.96	46.00	17.04	
	1.487	24.19	0.44	24.63	46.00	21.37	
	12.988	32.18	0.62	32.80	50.00	17.20	
	18.328	30.18	0.66	30.84	50.00	19.16	
Neutral	0.150	48.31	0.79	49.10	66.00	16.90	QP
	0.183	53.47	0.67	54.14	64.34	10.20	
	0.866	37.53	0.54	38.07	56.00	17.93	
	1.487	34.10	0.51	34.61	56.00	21.39	
	13.197	42.09	0.61	42.70	60.00	17.30	
	19.021	40.91	0.63	41.54	60.00	18.46	
	0.150	39.40	0.79	40.19	56.00	15.81	AV
	0.183	47.80	0.67	48.47	54.34	5.87	
	0.866	27.19	0.54	27.73	46.00	18.27	
	1.487	24.18	0.51	24.69	46.00	21.31	
	13.197	32.16	0.61	32.77	50.00	17.23	
	19.021	30.15	0.63	30.78	50.00	19.22	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 1680*1050@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	49.70	0.77	50.47	66.00	15.53	QP
	0.183	53.20	0.69	53.89	64.35	10.46	
	0.866	40.49	0.47	40.96	56.00	15.04	
	1.487	36.61	0.44	37.05	56.00	18.95	
	13.337	43.82	0.62	44.44	60.00	15.56	
	18.328	42.93	0.66	43.59	60.00	16.41	
	0.150	39.30	0.77	40.07	56.00	15.93	AV
	0.183	47.50	0.69	48.19	54.35	6.16	
	0.866	31.48	0.47	31.95	46.00	14.05	
	1.487	26.15	0.44	26.59	46.00	19.41	
	13.337	33.18	0.62	33.80	50.00	16.20	
	18.328	34.48	0.66	35.14	50.00	14.86	
Neutral	0.152	51.46	0.78	52.24	65.87	13.63	QP
	0.182	51.95	0.68	52.63	64.42	11.79	
	0.866	37.78	0.54	38.32	56.00	17.68	
	1.503	35.43	0.50	35.93	56.00	20.07	
	13.127	40.03	0.61	40.64	60.00	19.36	
	17.849	41.71	0.63	42.34	60.00	17.66	
	0.152	47.18	0.78	47.96	55.87	7.91	AV
	0.182	45.18	0.68	45.86	54.42	8.56	
	0.866	27.20	0.54	27.74	46.00	18.26	
	1.503	25.49	0.50	25.99	46.00	20.01	
	13.127	30.19	0.61	30.80	50.00	19.20	
	17.849	34.77	0.63	35.40	50.00	14.60	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 1920*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	52.18	0.77	52.95	65.91	12.96	QP
	0.183	51.89	0.69	52.58	64.33	11.75	
	0.866	37.55	0.47	38.02	56.00	17.98	
	1.367	35.78	0.44	36.22	56.00	19.78	
	12.920	39.42	0.62	40.04	60.00	19.96	
	18.622	40.12	0.66	40.78	60.00	19.22	
	0.152	47.98	0.77	48.75	55.91	7.16	AV
	0.183	42.45	0.69	43.14	54.33	11.19	
	0.866	27.98	0.47	28.45	46.00	17.55	
	1.367	25.48	0.44	25.92	46.00	20.08	
	12.920	29.87	0.62	30.49	50.00	19.51	
	18.622	33.17	0.66	33.83	50.00	16.17	
Neutral	0.152	52.62	0.78	53.40	65.91	12.51	QP
	0.183	51.95	0.67	52.62	64.33	11.71	
	0.371	37.68	0.53	38.21	58.47	20.26	
	0.866	37.39	0.54	37.93	56.00	18.07	
	12.988	38.06	0.61	38.67	60.00	21.33	
	19.845	39.57	0.63	40.20	60.00	19.80	
	0.152	43.18	0.78	43.96	55.91	11.95	AV
	0.183	42.78	0.67	43.45	54.33	10.88	
	0.371	27.49	0.53	28.02	48.47	20.45	
	0.866	27.18	0.54	27.72	46.00	18.28	
	12.988	28.98	0.61	29.59	50.00	20.41	
	19.845	29.98	0.63	30.61	50.00	19.39	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 2560*1600@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	52.50	0.77	53.27	66.00	12.73	QP
	0.183	51.77	0.69	52.46	64.33	11.87	
	0.375	37.62	0.52	38.14	58.39	20.25	
	0.866	37.88	0.47	38.35	56.00	17.65	
	13.127	37.83	0.62	38.45	60.00	21.55	
	18.622	41.31	0.66	41.97	60.00	18.03	
	0.150	46.49	0.77	47.26	56.00	8.74	AV
	0.183	42.54	0.69	43.23	54.33	11.10	
	0.375	28.98	0.52	29.50	48.39	18.89	
	0.866	28.98	0.47	29.45	46.00	16.55	
	13.127	28.98	0.62	29.60	50.00	20.40	
	18.622	32.48	0.66	33.14	50.00	16.86	
Neutral	0.152	52.88	0.78	53.66	65.91	12.25	QP
	0.185	52.76	0.67	53.43	64.28	10.85	
	0.866	36.76	0.54	37.30	56.00	18.70	
	1.487	34.55	0.51	35.06	56.00	20.94	
	13.408	41.03	0.61	41.64	60.00	18.36	
	18.622	40.25	0.63	40.88	60.00	19.12	
	0.152	42.48	0.78	43.26	55.91	12.65	AV
	0.185	45.64	0.67	46.31	54.28	7.97	
	0.866	30.15	0.54	30.69	46.00	15.31	
	1.487	24.18	0.51	24.69	46.00	21.31	
	13.408	31.49	0.61	32.10	50.00	17.90	
	18.622	31.94	0.63	32.57	50.00	17.43	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 640*480@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	51.96	0.77	52.73	65.91	13.18	QP
	0.371	36.55	0.52	37.07	58.47	21.40	
	0.866	37.53	0.47	38.00	56.00	18.00	
	1.016	36.99	0.46	37.45	56.00	18.55	
	13.337	40.28	0.62	40.90	60.00	19.10	
	18.920	41.09	0.67	41.76	60.00	18.24	
	0.152	41.02	0.77	41.79	55.91	14.12	AV
	0.371	26.35	0.52	26.87	48.47	21.60	
	0.866	27.43	0.47	27.90	46.00	18.10	
	1.016	26.38	0.46	26.84	46.00	19.16	
	13.337	30.21	0.62	30.83	50.00	19.17	
	18.920	31.02	0.67	31.69	50.00	18.31	
Neutral	0.150	51.12	0.79	51.91	66.00	14.09	QP
	0.183	51.47	0.67	52.14	64.33	12.19	
	0.866	37.66	0.54	38.20	56.00	17.80	
	1.480	34.28	0.51	34.79	56.00	21.21	
	13.408	40.63	0.61	41.24	60.00	18.76	
	19.224	40.77	0.63	41.40	60.00	18.60	
	0.150	42.65	0.79	43.44	56.00	12.56	AV
	0.183	42.56	0.67	43.23	54.33	11.10	
	0.866	30.16	0.54	30.70	46.00	15.30	
	1.480	24.59	0.51	25.10	46.00	20.90	
	13.408	31.66	0.61	32.27	50.00	17.73	
	19.224	31.48	0.63	32.11	50.00	17.89	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 1600*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	52.64	0.76	53.40	65.87	12.47	QP
	0.183	51.73	0.69	52.42	64.33	11.91	
	0.866	37.57	0.47	38.04	56.00	17.96	
	2.110	30.25	0.39	30.64	56.00	25.36	
	13.337	36.96	0.62	37.58	60.00	22.42	
	19.224	40.96	0.68	41.64	60.00	18.36	
	0.152	42.18	0.76	42.94	55.87	12.93	AV
	0.183	42.58	0.69	43.27	54.33	11.06	
	0.866	30.16	0.47	30.63	46.00	15.37	
	2.110	21.45	0.39	21.84	46.00	24.16	
	13.337	26.48	0.62	27.10	50.00	22.90	
	19.224	30.99	0.68	31.67	50.00	18.33	
Neutral	0.155	51.77	0.77	52.54	65.74	13.20	QP
	0.183	51.53	0.67	52.20	64.33	12.13	
	0.866	38.14	0.54	38.68	56.00	17.32	
	1.487	34.67	0.51	35.18	56.00	20.82	
	13.337	40.41	0.61	41.02	60.00	18.98	
	18.920	40.53	0.63	41.16	60.00	18.84	
	0.155	43.00	0.77	43.77	55.74	11.97	AV
	0.183	42.54	0.67	43.21	54.33	11.12	
	0.866	28.49	0.54	29.03	46.00	16.97	
	1.487	24.89	0.51	25.40	46.00	20.60	
	13.337	31.49	0.61	32.10	50.00	17.90	
	18.920	31.48	0.63	32.11	50.00	17.89	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 1680*1050@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	51.45	0.76	52.21	65.87	13.66	QP
	0.183	50.49	0.69	51.18	64.33	13.15	
	0.866	37.86	0.47	38.33	56.00	17.67	
	1.487	34.32	0.44	34.76	56.00	21.24	
	12.920	42.34	0.62	42.96	60.00	17.04	
	18.920	41.31	0.67	41.98	60.00	18.02	
	0.152	47.48	0.76	48.24	55.87	7.63	AV
	0.183	41.51	0.69	42.20	54.33	12.13	
	0.866	27.48	0.47	27.95	46.00	18.05	
	1.487	24.78	0.44	25.22	46.00	20.78	
	12.920	32.15	0.62	32.77	50.00	17.23	
	18.920	32.48	0.67	33.15	50.00	16.85	
Neutral	0.152	51.45	0.78	52.23	65.87	13.64	QP
	0.183	51.49	0.67	52.16	64.33	12.17	
	0.371	37.60	0.53	38.13	58.47	20.34	
	0.866	37.86	0.54	38.40	56.00	17.60	
	12.920	42.35	0.61	42.96	60.00	17.04	
	12.920	42.35	0.61	42.96	60.00	17.04	
	18.920	40.31	0.63	40.94	60.00	19.06	AV
	0.152	41.48	0.78	42.26	55.87	13.61	
	0.183	42.19	0.67	42.86	54.33	11.47	
	0.371	27.48	0.53	28.01	48.47	20.46	
	0.866	27.98	0.54	28.52	46.00	17.48	
	12.920	32.57	0.61	33.18	50.00	16.82	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 1920*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	54.21	0.76	54.97	65.87	10.90	QP
	0.183	51.55	0.69	52.24	64.33	12.09	
	0.866	37.11	0.47	37.58	56.00	18.42	
	1.367	35.09	0.44	35.53	56.00	20.47	
	13.197	39.41	0.62	40.03	60.00	19.97	
	18.920	40.59	0.67	41.26	60.00	18.74	
	0.152	48.48	0.76	49.24	55.87	6.63	AV
	0.183	41.58	0.69	42.27	54.33	12.06	
	0.866	27.84	0.47	28.31	46.00	17.69	
	1.367	25.48	0.44	25.92	46.00	20.08	
	13.197	31.48	0.62	32.10	50.00	17.90	
	18.920	31.48	0.67	32.15	50.00	17.85	
Neutral	0.154	52.54	0.77	53.31	65.78	12.47	QP
	0.183	51.55	0.67	52.22	64.33	12.11	
	0.866	37.84	0.54	38.38	56.00	17.62	
	1.487	34.30	0.51	34.81	56.00	21.19	
	13.197	41.23	0.61	41.84	60.00	18.16	
	19.224	40.91	0.63	41.54	60.00	18.46	
	0.154	42.16	0.77	42.93	55.78	12.85	AV
	0.183	42.56	0.67	43.23	54.33	11.10	
	0.866	27.98	0.54	28.52	46.00	17.48	
	1.487	24.98	0.51	25.49	46.00	20.51	
	13.197	31.99	0.61	32.60	50.00	17.40	
	19.224	31.49	0.63	32.12	50.00	17.88	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 2560*1600@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	51.67	0.77	52.44	66.00	13.56	QP
	0.183	51.67	0.69	52.36	64.33	11.97	
	0.866	37.21	0.47	37.68	56.00	18.32	
	1.503	35.43	0.44	35.87	56.00	20.13	
	12.920	37.60	0.62	38.22	60.00	21.78	
	18.920	40.35	0.67	41.02	60.00	18.98	
	0.150	42.18	0.77	42.95	56.00	13.05	AV
	0.183	42.59	0.69	43.28	54.33	11.05	
	0.866	28.98	0.47	29.45	46.00	16.55	
	1.503	25.19	0.44	25.63	46.00	20.37	
	12.920	30.18	0.62	30.80	50.00	19.20	
	18.920	30.18	0.67	30.85	50.00	19.15	
Neutral	0.152	53.68	0.78	54.46	65.87	11.41	QP
	0.183	51.51	0.67	52.18	64.33	12.15	
	0.866	36.72	0.54	37.26	56.00	18.74	
	1.487	34.49	0.51	35.00	56.00	21.00	
	13.197	41.39	0.61	42.00	60.00	18.00	
	18.920	40.35	0.63	40.98	60.00	19.02	
	0.152	45.18	0.78	45.96	55.87	9.91	AV
	0.183	42.48	0.67	43.15	54.33	11.18	
	0.866	26.48	0.54	27.02	46.00	18.98	
	1.487	24.97	0.51	25.48	46.00	20.52	
	13.197	31.49	0.61	32.10	50.00	17.90	
	18.920	31.49	0.63	32.12	50.00	17.88	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 640*480@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	50.34	0.77	51.11	65.91	14.80	QP
	0.183	51.67	0.69	52.36	64.33	11.97	
	0.866	37.92	0.47	38.39	56.00	17.61	
	0.984	35.18	0.46	35.64	56.00	20.36	
	12.784	39.55	0.63	40.18	60.00	19.82	
	19.224	39.85	0.68	40.53	60.00	19.47	
	0.152	40.15	0.77	40.92	55.91	14.99	AV
	0.183	41.05	0.69	41.74	54.33	12.59	
	0.866	27.13	0.47	27.60	46.00	18.40	
	0.984	25.01	0.46	25.47	46.00	20.53	
	12.784	29.67	0.63	30.30	50.00	19.70	
	19.224	29.36	0.68	30.04	50.00	19.96	
Neutral	0.152	54.56	0.78	55.34	65.87	10.53	QP
	0.183	53.81	0.67	54.48	64.33	9.85	
	0.844	35.55	0.54	36.09	56.00	19.91	
	0.989	36.77	0.55	37.32	56.00	18.68	
	12.784	39.66	0.62	40.28	60.00	19.72	
	19.224	38.66	0.63	39.29	60.00	20.71	
	0.152	44.30	0.78	45.08	55.87	10.79	AV
	0.183	43.06	0.67	43.73	54.33	10.60	
	0.844	25.37	0.54	25.91	46.00	20.09	
	0.989	26.34	0.55	26.89	46.00	19.11	
	12.784	29.37	0.62	29.99	50.00	20.01	
	19.224	29.34	0.63	29.97	50.00	20.03	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 1600*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	51.54	0.76	52.30	65.87	13.57	QP
	0.183	51.71	0.69	52.40	64.33	11.93	
	0.866	37.09	0.47	37.56	56.00	18.44	
	1.367	34.39	0.44	34.83	56.00	21.17	
	12.784	40.91	0.63	41.54	60.00	18.46	
	19.224	39.53	0.68	40.21	60.00	19.79	
	0.152	41.06	0.76	41.82	55.87	14.05	AV
	0.183	41.38	0.69	42.07	54.33	12.26	
	0.866	28.34	0.47	28.81	46.00	17.19	
	1.367	24.34	0.44	24.78	46.00	21.22	
	12.784	30.63	0.63	31.26	50.00	18.74	
	19.224	29.36	0.68	30.04	50.00	19.96	
Neutral	0.152	51.79	0.78	52.57	65.91	13.34	QP
	0.183	50.77	0.67	51.44	64.33	12.89	
	0.866	36.13	0.54	36.67	56.00	19.33	
	0.984	37.19	0.55	37.74	56.00	18.26	
	12.784	40.58	0.62	41.20	60.00	18.80	
	18.135	39.06	0.62	39.68	60.00	20.32	
	0.152	41.05	0.78	41.83	55.91	14.08	AV
	0.183	40.29	0.67	40.96	54.33	13.37	
	0.866	26.35	0.54	26.89	46.00	19.11	
	12.784	30.29	0.62	30.91	50.00	19.09	
	18.135	29.37	0.62	29.99	50.00	20.01	
	0.152	51.79	0.78	52.57	65.91	13.34	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 1680*1050@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.183	50.80	0.69	51.49	64.33	12.84	QP
	0.371	37.35	0.52	37.87	58.47	20.60	
	0.866	37.70	0.47	38.17	56.00	17.83	
	1.480	33.28	0.44	33.72	56.00	22.28	
	12.920	39.94	0.62	40.56	60.00	19.44	
	19.224	38.41	0.68	39.09	60.00	20.91	
	0.183	40.03	0.69	40.72	54.33	13.61	AV
	0.371	25.38	0.52	25.90	48.47	22.57	
	0.866	27.35	0.47	27.82	46.00	18.18	
	1.480	23.64	0.44	24.08	46.00	21.92	
	12.920	29.34	0.62	29.96	50.00	20.04	
	19.224	28.66	0.68	29.34	50.00	20.66	
Neutral	0.183	49.32	0.67	49.99	64.33	14.34	QP
	0.371	37.13	0.53	37.66	58.47	20.81	
	0.866	37.76	0.54	38.30	56.00	17.70	
	1.487	33.18	0.51	33.69	56.00	22.31	
	13.337	42.54	0.61	43.15	60.00	16.85	
	18.920	39.22	0.63	39.85	60.00	20.15	
	0.183	39.26	0.67	39.93	54.33	14.40	AV
	0.371	27.34	0.53	27.87	48.47	20.60	
	0.866	27.16	0.54	27.70	46.00	18.30	
	1.487	23.04	0.51	23.55	46.00	22.45	
	13.337	32.47	0.61	33.08	50.00	16.92	
	18.920	29.37	0.63	30.00	50.00	20.00	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 1920*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.155	49.45	0.76	50.21	65.74	15.53	QP
	0.182	49.53	0.69	50.22	64.42	14.20	
	0.866	36.95	0.47	37.42	56.00	18.58	
	1.480	33.92	0.44	34.36	56.00	21.64	
	12.784	41.52	0.63	42.15	60.00	17.85	
	19.532	39.14	0.67	39.81	60.00	20.19	
	0.155	39.34	0.76	40.10	55.74	15.64	AV
	0.182	38.34	0.69	39.03	54.42	15.39	
	0.866	26.86	0.47	27.33	46.00	18.67	
	1.480	23.34	0.44	23.78	46.00	22.22	
	12.784	31.01	0.63	31.64	50.00	18.36	
	19.532	29.34	0.67	30.01	50.00	19.99	
Neutral	0.152	50.00	0.78	50.78	65.91	15.13	QP
	0.182	49.57	0.68	50.25	64.42	14.17	
	0.866	37.55	0.54	38.09	56.00	17.91	
	1.480	34.24	0.51	34.75	56.00	21.25	
	13.337	43.63	0.61	44.24	60.00	15.76	
	20.270	41.09	0.63	41.72	60.00	18.28	
	0.152	39.64	0.78	40.42	55.91	15.49	AV
	0.182	38.64	0.68	39.32	54.42	15.10	
	0.866	27.67	0.54	28.21	46.00	17.79	
	1.480	24.16	0.51	24.67	46.00	21.33	
	13.337	33.44	0.61	34.05	50.00	15.95	
	20.270	30.34	0.63	30.97	50.00	19.03	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 2560*1600@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.154	49.97	0.76	50.73	65.78	15.05	QP
	0.182	49.78	0.69	50.47	64.42	13.95	
	0.866	37.47	0.47	37.94	56.00	18.06	
	1.480	34.43	0.44	34.87	56.00	21.13	
	13.127	40.31	0.62	40.93	60.00	19.07	
	19.224	40.14	0.68	40.82	60.00	19.18	
	0.154	38.42	0.76	39.18	55.78	16.60	AV
	0.182	37.16	0.69	37.85	54.42	16.57	
	0.866	28.34	0.47	28.81	46.00	17.19	
	1.480	24.36	0.44	24.80	46.00	21.20	
	13.127	30.00	0.62	30.62	50.00	19.38	
	19.224	30.72	0.68	31.40	50.00	18.60	
Neutral	0.152	50.45	0.78	51.23	65.87	14.64	QP
	0.182	49.68	0.68	50.36	64.42	14.06	
	0.866	37.03	0.54	37.57	56.00	18.43	
	1.480	33.08	0.51	33.59	56.00	22.41	
	12.784	39.54	0.62	40.16	60.00	19.84	
	19.224	40.16	0.63	40.79	60.00	19.21	
	0.152	40.06	0.78	40.84	55.87	15.03	AV
	0.182	38.45	0.68	39.13	54.42	15.29	
	0.866	27.36	0.54	27.90	46.00	18.10	
	1.480	23.05	0.51	23.56	46.00	22.44	
	12.784	28.34	0.62	28.96	50.00	21.04	
	19.224	30.15	0.63	30.78	50.00	19.22	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 640*480@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	52.10	0.77	52.87	66.00	13.13	QP
	0.183	51.59	0.69	52.28	64.33	12.05	
	0.857	36.83	0.47	37.30	56.00	18.70	
	1.480	34.38	0.44	34.82	56.00	21.18	
	13.127	40.45	0.62	41.07	60.00	18.93	
	18.920	38.78	0.67	39.45	60.00	20.55	
	0.150	42.05	0.77	42.82	56.00	13.18	AV
	0.183	41.25	0.69	41.94	54.33	12.39	
	0.857	26.34	0.47	26.81	46.00	19.19	
	1.480	25.35	0.44	25.79	46.00	20.21	
	13.127	30.25	0.62	30.87	50.00	19.13	
	18.920	26.34	0.67	27.01	50.00	22.99	
Neutral	0.152	53.67	0.78	54.45	65.87	11.42	QP
	0.183	50.67	0.67	51.34	64.33	12.99	
	0.857	36.27	0.54	36.81	56.00	19.19	
	1.480	33.75	0.51	34.26	56.00	21.74	
	13.337	40.21	0.61	40.82	60.00	19.18	
	19.224	39.16	0.63	39.79	60.00	20.21	
	0.152	43.05	0.78	43.83	55.87	12.04	AV
	0.183	40.10	0.67	40.77	54.33	13.56	
	0.857	26.85	0.54	27.39	46.00	18.61	
	1.480	23.66	0.51	24.17	46.00	21.83	
	13.337	30.25	0.61	30.86	50.00	19.14	
	19.224	29.46	0.63	30.09	50.00	19.91	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 1600*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	51.91	0.77	52.68	66.00	13.32	QP
	0.183	51.43	0.69	52.12	64.33	12.21	
	0.871	37.53	0.47	38.00	56.00	18.00	
	1.487	33.77	0.44	34.21	56.00	21.79	
	13.197	43.10	0.62	43.72	60.00	16.28	
	19.224	37.67	0.68	38.35	60.00	21.65	
	0.150	41.53	0.77	42.30	56.00	13.70	AV
	0.183	39.64	0.69	40.33	54.33	14.00	
	0.871	27.05	0.47	27.52	46.00	18.48	
	1.487	22.33	0.44	22.77	46.00	23.23	
	13.197	33.02	0.62	33.64	50.00	16.36	
	19.224	27.47	0.68	28.15	50.00	21.85	
Neutral	0.152	52.42	0.78	53.20	65.87	12.67	QP
	0.183	51.67	0.67	52.34	64.33	11.99	
	0.866	36.37	0.54	36.91	56.00	19.09	
	2.066	33.11	0.44	33.55	56.00	22.45	
	13.197	42.36	0.61	42.97	60.00	17.03	
	18.920	39.24	0.63	39.87	60.00	20.13	
	0.152	42.86	0.78	43.64	55.87	12.23	AV
	0.183	39.98	0.67	40.65	54.33	13.68	
	0.866	26.34	0.54	26.88	46.00	19.12	
	2.066	23.53	0.44	23.97	46.00	22.03	
	13.197	32.65	0.61	33.26	50.00	16.74	
	18.920	29.35	0.63	29.98	50.00	20.02	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 1680*1050@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	53.05	0.77	53.82	65.91	12.09	QP
	0.183	51.27	0.69	51.96	64.33	12.37	
	0.866	37.12	0.47	37.59	56.00	18.41	
	1.480	34.77	0.44	35.21	56.00	20.79	
	13.197	45.14	0.62	45.76	60.00	14.24	
	19.224	38.55	0.68	39.23	60.00	20.77	
	0.152	43.25	0.77	44.02	55.91	11.89	AV
	0.183	41.05	0.69	41.74	54.33	12.59	
	0.866	27.35	0.47	27.82	46.00	18.18	
	1.480	25.55	0.44	25.99	46.00	20.01	
	13.197	35.05	0.62	35.67	50.00	14.33	
	19.224	28.33	0.68	29.01	50.00	20.99	
Neutral	0.150	51.49	0.79	52.28	66.00	13.72	QP
	0.183	51.23	0.67	51.90	64.33	12.43	
	0.866	38.02	0.54	38.56	56.00	17.44	
	1.480	35.16	0.51	35.67	56.00	20.33	
	13.197	44.37	0.61	44.98	60.00	15.02	
	21.600	38.18	0.65	38.83	60.00	21.17	
	0.150	41.35	0.79	42.14	56.00	13.86	AV
	0.183	41.05	0.67	41.72	54.33	12.61	
	0.866	28.64	0.54	29.18	46.00	16.82	
	1.480	25.34	0.51	25.85	46.00	20.15	
	13.197	34.36	0.61	34.97	50.00	15.03	
	21.600	28.64	0.65	29.29	50.00	20.71	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 1920*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	53.03	0.77	53.80	65.91	12.11	QP
	0.182	52.37	0.69	53.06	64.42	11.36	
	0.866	38.37	0.47	38.84	56.00	17.16	
	1.480	35.40	0.44	35.84	56.00	20.16	
	13.337	44.56	0.62	45.18	60.00	14.82	
	19.224	38.04	0.68	38.72	60.00	21.28	
	0.152	43.52	0.77	44.29	55.91	11.62	AV
	0.182	42.36	0.69	43.05	54.42	11.37	
	0.866	28.64	0.47	29.11	46.00	16.89	
	1.480	25.34	0.44	25.78	46.00	20.22	
	13.337	34.65	0.62	35.27	50.00	14.73	
	19.224	28.63	0.68	29.31	50.00	20.69	
Neutral	0.154	52.63	0.77	53.40	65.78	12.38	QP
	0.183	52.19	0.67	52.86	64.33	11.47	
	0.866	37.99	0.54	38.53	56.00	17.47	
	0.989	36.72	0.55	37.27	56.00	18.73	
	13.197	44.71	0.61	45.32	60.00	14.68	
	19.224	39.56	0.63	40.19	60.00	19.81	
	0.154	42.35	0.77	43.12	55.78	12.66	AV
	0.183	41.02	0.67	41.69	54.33	12.64	
	0.866	28.64	0.54	29.18	46.00	16.82	
	0.989	26.34	0.55	26.89	46.00	19.11	
	13.197	34.16	0.61	34.77	50.00	15.23	
	19.224	29.34	0.63	29.97	50.00	20.03	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 2048*1536@75Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	51.63	0.58	52.21	65.87	13.66	QP
	0.182	51.43	0.65	52.08	64.42	12.34	
	0.866	37.60	0.61	38.21	56.00	17.79	
	1.480	34.40	0.64	35.04	56.00	20.96	
	13.337	42.74	0.86	43.60	60.00	16.40	
	19.224	39.55	1.00	40.55	60.00	19.45	
	0.152	41.98	0.58	42.56	55.87	13.31	AV
	0.182	41.05	0.65	41.70	54.42	12.72	
	0.866	23.65	0.61	24.26	46.00	21.74	
	0.866	13.54	0.61	14.15	46.00	31.85	
	1.480	25.47	0.64	26.11	46.00	19.89	
	13.337	32.05	0.86	32.91	50.00	17.09	
Neutral	0.152	52.22	0.78	53.00	65.87	12.87	QP
	0.182	50.67	0.68	51.35	64.42	13.07	
	0.866	36.88	0.54	37.42	56.00	18.58	
	1.487	32.59	0.51	33.10	56.00	22.90	
	13.127	41.85	0.61	42.46	60.00	17.54	
	18.135	38.76	0.62	39.38	60.00	20.62	
	0.152	42.05	0.78	42.83	55.87	13.04	AV
	0.182	40.25	0.68	40.93	54.42	13.49	
	0.866	26.34	0.54	26.88	46.00	19.12	
	1.487	22.35	0.51	22.86	46.00	23.14	
	13.127	31.55	0.61	32.16	50.00	17.84	
	18.135	29.64	0.62	30.26	50.00	19.74	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 640*480@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	51.36	0.77	52.13	66.00	13.87	QP
	0.183	50.69	0.69	51.38	64.33	12.95	
	0.866	37.25	0.47	37.72	56.00	18.28	
	1.503	34.18	0.44	34.62	56.00	21.38	
	13.337	40.90	0.62	41.52	60.00	18.48	
	20.270	38.22	0.68	38.90	60.00	21.10	
	0.150	41.05	0.77	41.82	56.00	14.18	AV
	0.183	40.35	0.69	41.04	54.33	13.29	
	0.866	28.34	0.47	28.81	46.00	17.19	
	1.503	24.36	0.44	24.80	46.00	21.20	
	13.337	30.15	0.62	30.77	50.00	19.23	
	20.270	28.34	0.68	29.02	50.00	20.98	
Neutral	0.150	52.14	0.79	52.93	66.00	13.07	QP
	0.183	50.65	0.67	51.32	64.33	13.01	
	0.871	35.83	0.54	36.37	56.00	19.63	
	1.352	32.97	0.51	33.48	56.00	22.52	
	13.197	40.87	0.61	41.48	60.00	18.52	
	18.920	38.05	0.63	38.68	60.00	21.32	
	0.150	42.15	0.79	42.94	56.00	13.06	AV
	0.183	40.31	0.67	40.98	54.33	13.35	
	0.871	23.64	0.54	24.18	46.00	21.82	
	1.352	22.36	0.51	22.87	46.00	23.13	
	13.197	30.35	0.61	30.96	50.00	19.04	
	18.920	28.64	0.63	29.27	50.00	20.73	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 1600*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	50.75	0.77	51.52	65.91	14.39	QP
	0.183	51.41	0.69	52.10	64.33	12.23	
	0.866	37.78	0.47	38.25	56.00	17.75	
	1.464	33.95	0.44	34.39	56.00	21.61	
	13.408	43.56	0.62	44.18	60.00	15.82	
	20.270	38.82	0.68	39.50	60.00	20.50	
	0.152	40.35	0.77	41.12	55.91	14.79	AV
	0.183	41.05	0.69	41.74	54.33	12.59	
	0.866	28.34	0.47	28.81	46.00	17.19	
	1.464	23.64	0.44	24.08	46.00	21.92	
	13.408	33.05	0.62	33.67	50.00	16.33	
	20.270	28.64	0.68	29.32	50.00	20.68	
Neutral	0.154	51.34	0.77	52.11	65.78	13.67	QP
	0.183	50.65	0.67	51.32	64.33	13.01	
	0.866	37.41	0.54	37.95	56.00	18.05	
	1.464	33.34	0.51	33.85	56.00	22.15	
	13.337	40.29	0.61	40.90	60.00	19.10	
	19.224	39.00	0.63	39.63	60.00	20.37	
	0.154	40.24	0.77	41.01	55.78	14.77	AV
	0.183	40.05	0.67	40.72	54.33	13.61	
	0.866	27.34	0.54	27.88	46.00	18.12	
	1.464	23.64	0.51	24.15	46.00	21.85	
	13.337	30.22	0.61	30.83	50.00	19.17	
	19.224	29.34	0.63	29.97	50.00	20.03	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 1680*1050@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.183	52.35	0.69	53.04	64.33	11.29	QP
	0.371	37.64	0.52	38.16	58.47	20.31	
	0.857	36.09	0.47	36.56	56.00	19.44	
	1.480	33.45	0.44	33.89	56.00	22.11	
	13.197	42.90	0.62	43.52	60.00	16.48	
	21.600	38.47	0.69	39.16	60.00	20.84	
	0.183	42.05	0.69	42.74	54.33	11.59	AV
	0.371	28.64	0.52	29.16	48.47	19.31	
	0.857	26.34	0.47	26.81	46.00	19.19	
	1.480	23.64	0.44	24.08	46.00	21.92	
	13.197	32.05	0.62	32.67	50.00	17.33	
	21.600	28.34	0.69	29.03	50.00	20.97	
Neutral	0.150	51.33	0.79	52.12	66.00	13.88	QP
	0.183	51.29	0.67	51.96	64.33	12.37	
	0.866	37.64	0.54	38.18	56.00	17.82	
	1.480	34.14	0.51	34.65	56.00	21.35	
	13.197	44.41	0.61	45.02	60.00	14.98	
	19.224	39.34	0.63	39.97	60.00	20.03	
	0.150	43.25	0.79	44.04	56.00	11.96	AV
	0.183	42.36	0.67	43.03	54.33	11.30	
	0.866	27.64	0.54	28.18	46.00	17.82	
	1.480	25.34	0.51	25.85	46.00	20.15	
	13.197	36.35	0.61	36.96	50.00	13.04	
	19.224	31.05	0.63	31.68	50.00	18.32	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 1920*1200@60Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.152	50.57	0.76	51.33	65.87	14.54	QP
	0.183	50.35	0.69	51.04	64.33	13.29	
	0.866	37.78	0.47	38.25	56.00	17.75	
	1.464	33.55	0.44	33.99	56.00	22.01	
	13.127	43.11	0.62	43.73	60.00	16.27	
	19.224	37.20	0.68	37.88	60.00	22.12	
	0.152	40.32	0.76	41.08	55.87	14.79	AV
	0.183	37.64	0.69	38.33	54.33	16.00	
	0.866	27.64	0.47	28.11	46.00	17.89	
	1.464	23.04	0.44	23.48	46.00	22.52	
	13.127	33.28	0.62	33.90	50.00	16.10	
	19.224	28.33	0.68	29.01	50.00	20.99	
Neutral	0.154	51.18	0.77	51.95	65.78	13.83	QP
	0.183	51.29	0.67	51.96	64.33	12.37	
	0.866	37.86	0.54	38.40	56.00	17.60	
	1.464	35.23	0.51	35.74	56.00	20.26	
	13.197	44.37	0.61	44.98	60.00	15.02	
	20.270	38.52	0.63	39.15	60.00	20.85	
	0.154	41.25	0.77	42.02	55.78	13.76	AV
	0.183	41.35	0.67	42.02	54.33	12.31	
	0.866	27.34	0.54	27.88	46.00	18.12	
	1.464	25.64	0.51	26.15	46.00	19.85	
	13.197	34.26	0.61	34.87	50.00	15.13	
	20.270	28.34	0.63	28.97	50.00	21.03	

TEST ENGINEER: WENCY YANG

EUT : Chrome 540 Graphic Card Temperature : 18°C

Model No. : S3G007 Humidity : 48%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 2048*1536@75Hz

Test Line	Frequency (MHz)	Meter Reading dB(μV)	Factor (dB)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)	Remark
Line	0.150	52.36	0.77	53.13	66.00	12.87	QP
	0.182	51.43	0.69	52.12	64.37	12.25	
	0.857	37.11	0.47	37.58	56.00	18.42	
	1.464	33.45	0.44	33.89	56.00	22.11	
	12.988	43.17	0.62	43.79	60.00	16.21	
	19.224	38.85	0.68	39.53	60.00	20.47	
	0.150	42.01	0.77	42.78	56.00	13.22	AV
	0.182	41.92	0.69	42.61	54.37	11.76	
	0.857	27.64	0.47	28.11	46.00	17.89	
	1.464	23.05	0.44	23.49	46.00	22.51	
	12.988	33.54	0.62	34.16	50.00	15.84	
	19.224	28.63	0.68	29.31	50.00	20.69	
Neutral	0.150	54.74	0.79	55.53	66.00	10.47	QP
	0.182	53.47	0.68	54.15	64.42	10.27	
	0.857	39.41	0.54	39.95	56.00	16.05	
	1.487	36.16	0.51	36.67	56.00	19.33	
	13.127	44.71	0.61	45.32	60.00	14.68	
	18.920	40.64	0.63	41.27	60.00	18.73	
	0.150	44.23	0.79	45.02	56.00	10.98	AV
	0.182	43.05	0.68	43.73	54.42	10.69	
	0.857	27.36	0.54	27.90	46.00	18.10	
	1.487	26.34	0.51	26.85	46.00	19.15	
	13.127	34.26	0.61	34.87	50.00	15.13	
	18.920	30.24	0.63	30.87	50.00	19.13	

TEST ENGINEER: WENCY YANG

4 RADIATED EMISSION TEST

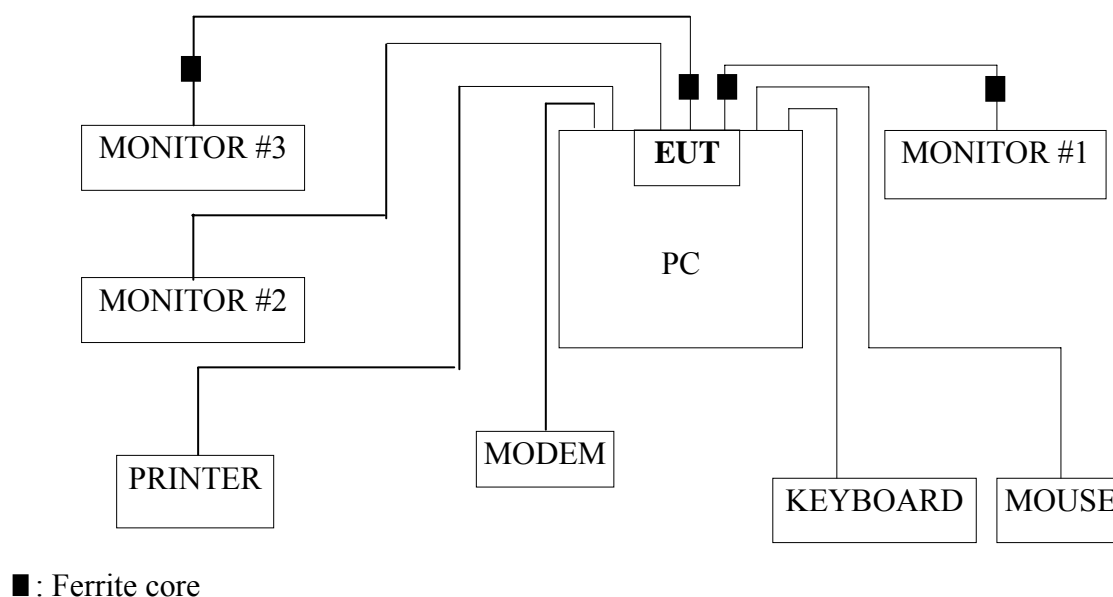
4.1 Test Equipment

The following test equipments are used during the radiated emission test in a semi-anechoic chamber:

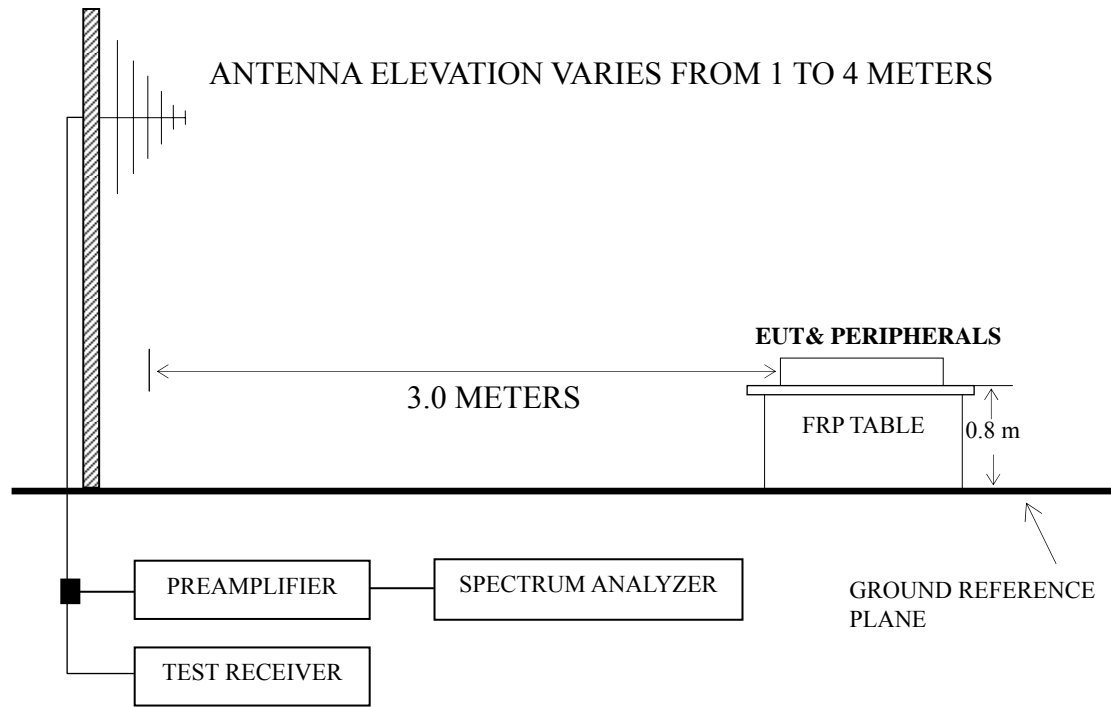
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESVS10	844594/001	Mar 07, 2008	Mar 07, 2009
2.	Preamplifier	Agilent	8447D	2944A10548	Sep 19, 2008	Mar 19, 2009
3.	Preamplifier	HP	8449B	3008A00864	May 19, 2008	May 19, 2009
4.	Bi-log Antenna	TESEQ	CBL6112D	23193	May 14, 2008	May 14, 2009
5.	Horn Antenna	EMCO	3115	9607-4878	Apr 24, 2008	Apr 24, 2009
6.	Spectrum	Agilent	E7405A	MY45106600	May 19, 2008	May 19, 2009
7.	Software	Audix	E3	SET00200 9912M295-2	--	--

4.2 Block Diagram of Test Setup

4.2.1 EUT and Peripherals



4.2.2 Radiated emission test setup



■ : 50 ohm Coaxial Switch

4.3 Radiated Emission Limit [FCC Part 15 Subpart B 15.109(a)]

Frequency (MHz)	Distance (m)	Field strength limits	
		($\mu\text{V/m}$)	dB ($\mu\text{V/m}$)
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0

NOTE 1 - Emission Level dB ($\mu\text{V/m}$) = 20 log Emission Level ($\mu\text{V/m}$)

NOTE 2 - The tighter limit applies at the band edges.

NOTE 3 - Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

NOTE 4 - The limits shown are based on Quasi-peak value detector below or equal to 1GHz and Average value detector above 1GHz.

NOTE 5 - Above 1 GHz, the limit on peak emission is 20 dB above the maximum permitted average emission limit applicable to the EUT

4.4 Test Configuration

The configuration of the EUT and peripherals are same as those used in conducted emission test.

Please refer to Sec.3.4.

4.5 Operating Condition of EUT

Same as conducted emission test which is listed in Sec.3.5, except for the test setup replaced by Sec.4.2.

4.6 Test Procedures

The EUT and peripherals were placed on a FRP turntable that is 0.8 meter above ground. The FRP turntable rotated 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna, which was mounted on an antenna tower. Broadband antenna (Calibrated Bilog Antenna or Horn Antenna) was used as receiving antenna. The antenna moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarizations of the antenna were set on measurement. In order to find the maximum emission, all of the interference cables were manipulated according to ANSI C63.4:2003 requirements during radiated emission test.

The bandwidth of Test Receiver R&S ESVS10 was set at 120 kHz below 1GHz and The Spectrum Agilent E7405A was set at 1MHz above 1GHz.

The frequency range from 30 MHz to 6000MHz was checked for all test modes.

The test modes were done on radiated disturbance test and all the test results are listed in Sec.4.7.

4.7 Test Results

<PASS>

The frequency and amplitude of the highest radiated emission relative the limit is reported. All the emissions not reported below are too low against the FCC limit.

Test Mode	Data Page
DVI+HDMI 640*480@60Hz	P42
DVI+HDMI 1600*1200@60Hz	P43
DVI+HDMI 1680*1050@60Hz	P44
DVI+HDMI 1920*1200@60Hz	P45
DVI+HDMI 2560*1600@60Hz	P46
DVI+DP 640*480@60Hz	P47
DVI+DP 1600*1200@60Hz	P48
DVI+DP 1680*1050@60Hz	P49
DVI+DP 1920*1200@60Hz	P50
DVI+DP 2560*1600@60Hz	P51
HDMI+DP 640*480@60Hz	P52
HDMI+DP 1600*1200@60Hz	P53
HDMI+DP 1680*1050@60Hz	P54
HDMI+DP 1920*1200@60Hz	P55
HDMI+DP 2560*1600@60Hz	P56
CRT+HDMI 640*480@60Hz	P57
CRT+HDMI 1600*1200@60Hz	P58
CRT+HDMI 1680*1050@60Hz	P59
CRT+HDMI 1920*1200@60Hz	P60
CRT+HDMI 2048*1536@75Hz	P61
CRT+DP 640*480@60Hz	P62
CRT+DP 1600*1200@60Hz	P63
CRT+DP 1680*1050@60Hz	P64
CRT+DP 1920*1200@60Hz	P65
CRT+DP 2048*1536@75Hz	P66

NOTE 1 – Emission Level = Antenna Factor + Cable Loss + Meter Reading.(< 1GHz)

NOTE 2 – Emission Level = Antenna Factor + Cable Loss – Preamp Factor + Meter Reading.(> 1GHz)

NOTE 3 – The emission levels that are 20dB below the official limit are not reported.

NOTE 4 – 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

NOTE 5 – All reading are Quasi-Peak values below or equal to 1GHz and Peak values above 1GHz. For measurements above 1 GHz, the peak measured value complies with the average limit, it is unnecessary to perform an average measurement.

NOTE 6 – The worst case is for CRT+HDMI 2048*1536@75Hz test mode. The worst emission at horizontal polarization was detected at 774.960 MHz with corrected signal level of 42.76 dB ($\mu\text{V/m}$) (limit is 46.00 dB ($\mu\text{V/m}$)), when the antenna was 1.60 m height and the turntable was at 275°. The worst emission at vertical polarization was detected at 770.110 MHz with corrected signal level of 42.43 dB ($\mu\text{V/m}$) (limit is 46.00 dB ($\mu\text{V/m}$)), when the antenna was 1.50 m height and the turntable was at 160°.

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 640*480@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	76.560	11.17	7.36	0.87	--	19.40	40.00	20.60	QP
	134.760	14.09	12.30	0.90	--	27.29	43.50	16.21	
	267.650	18.13	13.27	1.36	--	32.76	46.00	13.24	
	352.040	17.78	15.37	1.82	--	34.97	46.00	11.03	
	526.640	19.26	18.24	2.43	--	39.93	46.00	6.07	
	804.060	16.56	20.73	3.34	--	40.63	46.00	5.37	
	1165.000	48.47	24.87	7.01	37.26	43.09	74.00	30.91	PK
	1735.000	47.09	26.89	9.15	36.11	47.02	74.00	26.98	
	2260.000	46.10	28.47	10.81	35.43	49.95	74.00	24.05	
	2495.000	44.71	29.17	11.54	35.21	50.21	74.00	23.79	
	3015.000	43.26	30.54	11.81	34.79	50.82	74.00	23.18	
	4230.000	41.84	32.80	12.34	33.89	53.09	74.00	20.91	
Vertical	31.940	13.29	18.49	0.59	--	32.37	40.00	7.63	QP
	86.260	15.14	8.78	0.86	--	24.78	40.00	15.22	
	133.790	14.04	12.35	0.90	--	27.29	43.50	16.21	
	281.230	14.16	13.57	1.44	--	29.17	46.00	16.83	
	526.640	16.89	18.24	2.43	--	37.56	46.00	8.44	
	670.200	18.04	19.57	2.91	--	40.52	46.00	5.48	
	1070.000	45.73	24.44	6.82	37.50	39.49	74.00	34.51	PK
	1385.000	43.74	25.75	7.92	36.76	40.65	74.00	33.35	
	1850.000	43.41	27.21	9.48	35.93	44.17	74.00	29.83	
	2895.000	42.52	30.25	11.75	34.88	49.64	74.00	24.36	
	3975.000	40.87	32.54	12.29	33.62	52.08	74.00	21.92	
	5590.000	39.36	34.00	12.62	34.62	51.36	74.00	22.64	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 1600*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	76.560	11.99	7.36	0.87	--	20.22	40.00	19.78	QP
	108.570	11.89	12.17	0.86	--	24.92	43.50	18.58	
	134.760	12.85	12.30	0.90	--	26.05	43.50	17.45	
	267.650	16.83	13.27	1.36	--	31.46	46.00	14.54	
	526.640	19.51	18.24	2.43	--	40.18	46.00	5.82	
	804.060	13.01	20.73	3.34	--	37.08	46.00	8.92	
	1165.000	48.47	24.87	7.01	37.26	43.09	74.00	30.91	PK
	1515.000	48.58	26.20	8.43	36.50	46.71	74.00	27.29	
	1905.000	47.40	27.35	9.65	35.84	48.56	74.00	25.44	
	3310.000	43.06	31.21	11.96	34.39	51.84	74.00	22.16	
	4055.000	40.67	32.64	12.30	33.66	51.95	74.00	22.05	
	5305.000	41.06	33.72	12.57	34.70	52.65	74.00	21.35	
Vertical	34.850	13.19	16.97	0.62	--	30.78	40.00	9.22	QP
	84.320	14.29	8.48	0.86	--	23.63	40.00	16.37	
	133.790	12.01	12.35	0.90	--	25.26	43.50	18.24	
	401.510	12.97	16.52	2.04	--	31.53	46.00	14.47	
	536.340	18.69	18.39	2.46	--	39.54	46.00	6.46	
	730.340	15.22	20.00	3.14	--	38.36	46.00	7.64	
	1225.000	47.75	25.12	7.24	37.11	43.00	74.00	31.00	PK
	1460.000	46.64	26.01	8.26	36.61	44.30	74.00	29.70	
	2435.000	45.20	29.01	11.33	35.26	50.28	74.00	23.72	
	3065.000	44.68	30.67	11.84	34.71	52.48	74.00	21.52	
	4335.000	41.63	32.88	12.37	34.04	52.84	74.00	21.16	
	4865.000	40.82	33.30	12.47	34.65	51.94	74.00	22.06	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 1680*1050@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	30.970	-0.01	19.03	0.57	--	19.59	40.00	20.41	QP
	134.760	10.59	12.30	0.90	--	23.79	43.50	19.71	
	215.270	19.15	11.39	1.14	--	31.68	43.50	11.82	
	308.390	19.76	14.14	1.58	--	35.48	46.00	10.52	
	526.640	16.61	18.24	2.43	--	37.28	46.00	8.72	
	723.550	19.67	19.94	3.14	--	42.75	46.00	3.25	
	1165.000	48.47	24.87	7.01	37.26	43.09	74.00	30.91	PK
	1450.000	46.87	25.98	8.18	36.63	44.40	74.00	29.60	
	2020.000	45.27	27.66	9.98	35.67	47.24	74.00	26.76	
	2725.000	44.07	29.82	11.67	35.01	50.55	74.00	23.45	
	4055.000	42.67	32.64	12.30	33.66	53.95	74.00	20.05	
	4625.000	40.94	33.12	12.42	34.38	52.10	74.00	21.90	
Vertical	32.910	11.80	17.95	0.60	--	30.35	40.00	9.65	QP
	227.880	15.25	12.02	1.19	--	28.46	46.00	17.54	
	321.970	19.64	14.50	1.66	--	35.80	46.00	10.20	
	443.220	16.49	17.11	2.20	--	35.80	46.00	10.20	
	595.510	16.54	19.17	2.58	--	38.29	46.00	7.71	
	670.200	18.38	19.57	2.91	--	40.86	46.00	5.14	
	1070.000	47.73	24.44	6.82	37.50	41.49	74.00	32.51	PK
	1280.000	47.73	25.34	7.50	36.99	43.58	74.00	30.42	
	1625.000	46.82	26.55	8.78	36.30	45.85	74.00	28.15	
	2270.000	45.36	28.51	10.81	35.42	49.26	74.00	24.74	
	3535.000	43.70	31.70	12.09	34.11	53.38	74.00	20.62	
	5305.000	41.06	33.72	12.57	34.70	52.65	74.00	21.35	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 1920*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	30.970	3.24	19.03	0.57	--	22.84	40.00	17.16	QP
	134.760	12.83	12.30	0.90	--	26.03	43.50	17.47	
	263.770	19.35	13.20	1.34	--	33.89	46.00	12.11	
	352.040	19.89	15.37	1.82	--	37.08	46.00	8.92	
	536.340	18.11	18.39	2.46	--	38.96	46.00	7.04	
	804.060	14.28	20.73	3.34	--	38.35	46.00	7.65	
	1125.000	45.27	24.70	6.95	37.36	39.56	74.00	34.44	PK
	1625.000	46.82	26.55	8.78	36.30	45.85	74.00	28.15	
	2445.000	43.42	29.03	11.33	35.26	48.52	74.00	25.48	
	3180.000	42.65	30.92	11.91	34.56	50.92	74.00	23.08	
	3520.000	41.47	31.65	12.09	34.14	51.07	74.00	22.93	
	5030.000	41.99	33.43	12.50	34.79	53.13	74.00	20.87	
Vertical	34.850	12.67	16.97	0.62	--	30.26	40.00	9.74	QP
	134.760	12.68	12.30	0.90	--	25.88	43.50	17.62	
	281.230	14.01	13.57	1.44	--	29.02	46.00	16.98	
	536.340	15.58	18.39	2.46	--	36.43	46.00	9.57	
	670.200	16.74	19.57	2.91	--	39.22	46.00	6.78	
	804.060	18.28	20.73	3.34	--	42.35	46.00	3.65	
	1340.000	43.99	25.57	7.75	36.85	40.46	74.00	33.54	PK
	1440.000	43.90	25.94	8.18	36.64	41.38	74.00	32.62	
	2035.000	43.90	27.72	10.08	35.66	46.04	74.00	27.96	
	3135.000	44.35	30.82	11.89	34.62	52.44	74.00	21.56	
	4050.000	41.25	32.64	12.30	33.66	52.53	74.00	21.47	
	5070.000	39.53	33.48	12.52	34.78	50.75	74.00	23.25	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+HDMI 2560*1600@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	76.560	10.42	7.36	0.87	--	18.65	40.00	21.35	QP
	135.730	11.79	12.28	0.91	--	24.98	43.50	18.52	
	267.650	15.47	13.27	1.36	--	30.10	46.00	15.90	
	352.040	13.63	15.37	1.82	--	30.82	46.00	15.18	
	536.340	20.15	18.39	2.46	--	41.00	46.00	5.00	
	804.060	9.31	20.73	3.34	--	33.38	46.00	12.62	
	1030.000	47.34	24.25	6.76	37.61	40.74	74.00	33.26	PK
	1515.000	46.58	26.20	8.43	36.50	44.71	74.00	29.29	
	1975.000	44.02	27.53	9.90	35.73	45.72	74.00	28.28	
	3405.000	43.06	31.42	12.01	34.27	52.22	74.00	21.78	
	4090.000	38.24	32.67	12.32	33.71	49.52	74.00	24.48	
	5470.000	39.84	33.89	12.60	34.65	51.68	74.00	22.32	
Vertical	30.970	13.93	19.03	0.57	--	33.53	40.00	6.47	QP
	83.350	15.37	8.30	0.86	--	24.53	40.00	15.47	
	133.790	12.03	12.35	0.90	--	25.28	43.50	18.22	
	401.510	13.96	16.52	2.04	--	32.52	46.00	13.48	
	536.340	15.26	18.39	2.46	--	36.11	46.00	9.89	
	670.200	17.93	19.57	2.91	--	40.41	46.00	5.59	
	1070.000	47.73	24.44	6.82	37.50	41.49	74.00	32.51	PK
	1625.000	47.82	26.55	8.78	36.30	46.85	74.00	27.15	
	2020.000	46.29	27.66	9.98	35.67	48.26	74.00	25.74	
	3485.000	43.40	31.59	12.06	34.17	52.88	74.00	21.12	
	4235.000	42.02	32.80	12.34	33.91	53.25	74.00	20.75	
	5775.000	40.74	34.19	12.67	34.56	53.04	74.00	20.96	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 640*480@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	35.820	5.02	16.45	0.64	--	22.11	40.00	17.89	QP
	136.700	13.34	12.23	0.91	--	26.48	43.50	17.02	
	199.750	26.26	10.67	1.08	--	38.01	43.50	5.49	
	399.570	15.30	16.50	2.04	--	33.84	46.00	12.16	
	640.130	9.09	19.41	2.79	--	31.29	46.00	14.71	
	810.850	16.72	20.80	3.36	--	40.88	46.00	5.12	
	1515.000	45.58	26.20	8.43	36.50	43.71	74.00	30.29	PK
	1735.000	45.09	26.89	9.15	36.11	45.02	74.00	28.98	
	2260.000	44.10	28.47	10.81	35.43	47.95	74.00	26.05	
	2725.000	44.07	29.82	11.67	35.01	50.55	74.00	23.45	
	3405.000	43.06	31.42	12.01	34.27	52.22	74.00	21.78	
	4055.000	42.67	32.64	12.30	33.66	53.95	74.00	20.05	
Vertical	35.820	16.67	16.45	0.64	--	33.76	40.00	6.24	QP
	94.990	12.62	10.45	0.85	--	23.92	43.50	19.58	
	199.750	19.10	10.67	1.08	--	30.85	43.50	12.65	
	405.390	12.86	16.57	2.06	--	31.49	46.00	14.51	
	600.360	9.70	19.20	2.59	--	31.49	46.00	14.51	
	719.670	11.26	19.91	3.12	--	34.29	46.00	11.71	
	1450.000	44.87	25.98	8.18	36.63	42.40	74.00	31.60	PK
	1975.000	43.89	27.53	9.90	35.73	45.59	74.00	28.41	
	2895.000	42.52	30.25	11.75	34.88	49.64	74.00	24.36	
	3015.000	43.26	30.54	11.81	34.79	50.82	74.00	23.18	
	4055.000	42.67	32.64	12.30	33.66	53.95	74.00	20.05	
	4625.000	41.94	33.12	12.42	34.38	53.10	74.00	20.90	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 1600*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	35.820	6.03	16.45	0.64	--	23.12	40.00	16.88	QP
	134.760	13.86	12.30	0.90	--	27.06	43.50	16.44	
	161.920	23.20	10.46	0.97	--	34.63	43.50	8.87	
	351.070	13.25	15.37	1.82	--	30.44	46.00	15.56	
	485.900	20.38	17.73	2.33	--	40.44	46.00	5.56	
	780.780	17.80	20.52	3.30	--	41.62	46.00	4.38	
	1390.000	47.34	25.76	7.92	36.75	44.27	74.00	29.73	PK
	1625.000	47.82	26.55	8.78	36.30	46.85	74.00	27.15	
	1905.000	47.40	27.35	9.65	35.84	48.56	74.00	25.44	
	2855.000	46.29	30.15	11.73	34.91	53.26	74.00	20.74	
	3535.000	43.70	31.70	12.09	34.11	53.38	74.00	20.62	
	5030.000	41.99	33.43	12.50	34.79	53.13	74.00	20.87	
Vertical	35.820	17.16	16.45	0.64	--	34.25	40.00	5.75	QP
	114.390	11.29	12.64	0.87	--	24.80	43.50	18.70	
	161.920	21.93	10.46	0.97	--	33.36	43.50	10.14	
	281.230	13.17	13.57	1.44	--	28.18	46.00	17.82	
	485.900	18.72	17.73	2.33	--	38.78	46.00	7.22	
	647.890	19.30	19.45	2.83	--	41.58	46.00	4.42	
	1225.000	46.75	25.12	7.24	37.11	42.00	74.00	32.00	PK
	1680.000	45.09	26.71	8.99	36.20	44.59	74.00	29.41	
	1970.000	44.55	27.53	9.90	35.74	46.24	74.00	27.76	
	2185.000	43.78	28.22	10.60	35.50	47.10	74.00	26.90	
	3590.000	43.93	31.80	12.11	34.05	53.79	74.00	20.21	
	4865.000	41.82	33.30	12.47	34.65	52.94	74.00	21.06	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 1680*1050@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	36.790	6.57	15.80	0.65	--	23.02	40.00	16.98	QP
	146.400	20.04	11.61	0.92	--	32.57	43.50	10.93	
	292.870	14.07	13.79	1.50	--	29.36	46.00	16.64	
	336.520	17.19	14.94	1.73	--	33.86	46.00	12.14	
	526.640	16.82	18.24	2.43	--	37.49	46.00	8.51	
	778.840	17.95	20.49	3.27	--	41.71	46.00	4.29	
	1070.000	46.73	24.44	6.82	37.50	40.49	74.00	33.51	PK
	1515.000	45.58	26.20	8.43	36.50	43.71	74.00	30.29	
	2375.000	42.04	28.82	11.12	35.32	46.66	74.00	27.34	
	3015.000	42.26	30.54	11.81	34.79	49.82	74.00	24.18	
	4625.000	41.94	33.12	12.42	34.38	53.10	74.00	20.90	
	5305.000	42.06	33.72	12.57	34.70	53.65	74.00	20.35	
Vertical	35.820	18.08	16.45	0.64	--	35.17	40.00	4.83	QP
	81.410	15.19	8.02	0.86	--	24.07	40.00	15.93	
	146.400	23.08	11.61	0.92	--	35.61	43.50	7.89	
	336.520	17.51	14.94	1.73	--	34.18	46.00	11.82	
	584.840	13.76	19.03	2.56	--	35.35	46.00	10.65	
	731.310	18.10	20.00	3.14	--	41.24	46.00	4.76	
	1280.000	46.73	25.34	7.50	36.99	42.58	74.00	31.42	PK
	1625.000	45.82	26.55	8.78	36.30	44.85	74.00	29.15	
	2215.000	43.82	28.33	10.71	35.47	47.39	74.00	26.61	
	3015.000	44.26	30.54	11.81	34.79	51.82	74.00	22.18	
	4055.000	42.67	32.64	12.30	33.66	53.95	74.00	20.05	
	4715.000	41.35	33.19	12.45	34.49	52.50	74.00	21.50	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 1920*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	35.820	5.18	16.45	0.64	--	22.27	40.00	17.73	QP
	133.790	13.08	12.35	0.90	--	26.33	43.50	17.17	
	268.620	12.91	13.30	1.36	--	27.57	46.00	18.43	
	352.040	12.61	15.37	1.82	--	29.80	46.00	16.20	
	526.640	16.03	18.24	2.43	--	36.70	46.00	9.30	
	742.950	16.76	20.13	3.19	--	40.08	46.00	5.92	
	1565.000	45.31	26.36	8.64	36.40	43.91	74.00	30.09	PK
	1860.000	44.43	27.24	9.57	35.91	45.33	74.00	28.67	
	2725.000	44.07	29.82	11.67	35.01	50.55	74.00	23.45	
	3535.000	43.70	31.70	12.09	34.11	53.38	74.00	20.62	
	3715.000	42.05	32.05	12.16	33.91	52.35	74.00	21.65	
	4055.000	40.67	32.64	12.30	33.66	51.95	74.00	22.05	
Vertical	35.820	17.19	16.45	0.64	--	34.28	40.00	5.72	QP
	133.790	12.03	12.35	0.90	--	25.28	43.50	18.22	
	216.240	8.56	11.43	1.14	--	21.13	46.00	24.87	
	403.450	10.43	16.55	2.04	--	29.02	46.00	16.98	
	526.640	11.21	18.24	2.43	--	31.88	46.00	14.12	
	742.950	15.22	20.13	3.19	--	38.54	46.00	7.46	
	1160.000	46.02	24.84	7.01	37.27	40.60	74.00	33.40	PK
	1795.000	42.90	27.05	9.32	36.01	43.26	74.00	30.74	
	2435.000	42.20	29.01	11.33	35.26	47.28	74.00	26.72	
	3065.000	41.68	30.67	11.84	34.71	49.48	74.00	24.52	
	3590.000	42.93	31.80	12.11	34.05	52.79	74.00	21.21	
	5975.000	40.69	34.37	12.70	34.50	53.26	74.00	20.74	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : DVI+DP 2560*1600@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	134.760	13.97	12.30	0.90	--	27.17	43.50	16.33	QP
	216.240	18.33	11.43	1.14	--	30.90	46.00	15.10	
	351.070	13.14	15.37	1.82	--	30.33	46.00	15.67	
	432.550	12.25	16.95	2.16	--	31.36	46.00	14.64	
	526.640	17.28	18.24	2.43	--	37.95	46.00	8.05	
	805.030	17.63	20.73	3.34	--	41.70	46.00	4.30	
	1165.000	49.47	24.87	7.01	37.26	44.09	74.00	29.91	PK
	1450.000	47.87	25.98	8.18	36.63	45.40	74.00	28.60	
	1735.000	48.09	26.89	9.15	36.11	48.02	74.00	25.98	
	2725.000	44.07	29.82	11.67	35.01	50.55	74.00	23.45	
	4055.000	41.67	32.64	12.30	33.66	52.95	74.00	21.05	
	4625.000	41.94	33.12	12.42	34.38	53.10	74.00	20.90	
Vertical	35.820	17.20	16.45	0.64	--	34.29	40.00	5.71	QP
	82.380	14.32	8.19	0.86	--	23.37	40.00	16.63	
	154.160	21.48	10.94	0.94	--	33.36	43.50	10.14	
	353.980	13.09	15.45	1.82	--	30.36	46.00	15.64	
	526.640	16.19	18.24	2.43	--	36.86	46.00	9.14	
	671.170	15.84	19.57	2.95	--	38.36	46.00	7.64	
	1110.000	46.70	24.62	6.92	37.40	40.84	74.00	33.16	PK
	1450.000	45.87	25.98	8.18	36.63	43.40	74.00	30.60	
	1915.000	45.13	27.38	9.73	35.82	46.42	74.00	27.58	
	2270.000	45.36	28.51	10.81	35.42	49.26	74.00	24.74	
	2895.000	44.52	30.25	11.75	34.88	51.64	74.00	22.36	
	4055.000	41.67	32.64	12.30	33.66	52.95	74.00	21.05	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 640*480@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	33.880	2.14	17.44	0.61	--	20.19	40.00	19.81	QP
	133.790	14.94	12.35	0.90	--	28.19	43.50	15.31	
	271.530	13.94	13.37	1.38	--	28.69	46.00	17.31	
	401.510	14.32	16.52	2.04	--	32.88	46.00	13.12	
	526.640	20.60	18.24	2.43	--	41.27	46.00	4.73	
	804.060	18.57	20.73	3.34	--	42.64	46.00	3.36	PK
	1280.000	44.73	25.34	7.50	36.99	40.58	74.00	33.42	
	1515.000	44.58	26.20	8.43	36.50	42.71	74.00	31.29	
	2375.000	42.04	28.82	11.12	35.32	46.66	74.00	27.34	
	2495.000	42.71	29.17	11.54	35.21	48.21	74.00	25.79	
	4055.000	41.67	32.64	12.30	33.66	52.95	74.00	21.05	
	5305.000	40.06	33.72	12.57	34.70	51.65	74.00	22.35	
Vertical	34.850	12.34	16.97	0.62	--	29.93	40.00	10.07	QP
	56.190	16.30	7.46	0.80	--	24.56	40.00	15.44	
	133.790	14.68	12.35	0.90	--	27.93	43.50	15.57	
	281.230	11.69	13.57	1.44	--	26.70	46.00	19.30	
	401.510	17.18	16.52	2.04	--	35.74	46.00	10.26	
	526.640	18.60	18.24	2.43	--	39.27	46.00	6.73	PK
	1110.000	45.70	24.62	6.92	37.40	39.84	74.00	34.16	
	1390.000	45.34	25.76	7.92	36.75	42.27	74.00	31.73	
	1915.000	44.13	27.38	9.73	35.82	45.42	74.00	28.58	
	2495.000	43.71	29.17	11.54	35.21	49.21	74.00	24.79	
	3885.000	41.58	32.39	12.24	33.72	52.49	74.00	21.51	
	4055.000	42.67	32.64	12.30	33.66	53.95	74.00	20.05	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 1600*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	75.590	10.70	7.24	0.87	--	18.81	40.00	21.19	QP
	133.790	14.64	12.35	0.90	--	27.89	43.50	15.61	
	224.000	14.25	11.85	1.17	--	27.27	46.00	18.73	
	426.730	19.79	16.87	2.14	--	38.80	46.00	7.20	
	526.640	20.17	18.24	2.43	--	40.84	46.00	5.16	
	804.060	18.06	20.73	3.34	--	42.13	46.00	3.87	
	1110.000	48.81	24.62	6.92	37.40	42.95	74.00	31.05	PK
	1455.000	47.11	26.00	8.26	36.62	44.75	74.00	29.25	
	1905.000	47.40	27.35	9.65	35.84	48.56	74.00	25.44	
	2905.000	45.60	30.27	11.75	34.87	52.75	74.00	21.25	
	3310.000	44.06	31.21	11.96	34.39	52.84	74.00	21.16	
	4235.000	42.02	32.80	12.34	33.91	53.25	74.00	20.75	
Vertical	34.850	12.97	16.97	0.62	--	30.56	40.00	9.44	QP
	133.790	16.33	12.35	0.90	--	29.58	43.50	13.92	
	281.230	11.44	13.57	1.44	--	26.45	46.00	19.55	
	426.730	17.18	16.87	2.14	--	36.19	46.00	9.81	
	526.640	17.60	18.24	2.43	--	38.27	46.00	7.73	
	804.060	15.84	20.73	3.34	--	39.91	46.00	6.09	
	1225.000	45.75	25.12	7.24	37.11	41.00	74.00	33.00	PK
	1965.000	43.81	27.51	9.81	35.75	45.38	74.00	28.62	
	2435.000	46.20	29.01	11.33	35.26	51.28	74.00	22.72	
	3135.000	44.35	30.82	11.89	34.62	52.44	74.00	21.56	
	4335.000	41.63	32.88	12.37	34.04	52.84	74.00	21.16	
	5975.000	39.69	34.37	12.70	34.50	52.26	74.00	21.74	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 1680*1050@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	133.790	14.41	12.35	0.90	--	27.66	43.50	15.84	QP
	215.270	19.21	11.39	1.14	--	31.74	43.50	11.76	
	349.130	14.70	15.29	1.80	--	31.79	46.00	14.21	
	526.640	19.97	18.24	2.43	--	40.64	46.00	5.36	
	710.940	19.39	19.82	3.09	--	42.30	46.00	3.70	
	804.060	18.51	20.73	3.34	--	42.58	46.00	3.42	
	1070.000	46.73	24.44	6.82	37.50	40.49	74.00	33.51	PK
	1395.000	44.54	25.78	8.01	36.74	41.59	74.00	32.41	
	1735.000	45.09	26.89	9.15	36.11	45.02	74.00	28.98	
	2495.000	43.71	29.17	11.54	35.21	49.21	74.00	24.79	
	3885.000	41.58	32.39	12.24	33.72	52.49	74.00	21.51	
	4715.000	40.35	33.19	12.45	34.49	51.50	74.00	22.50	
Vertical	33.880	11.68	17.44	0.61	--	29.73	40.00	10.27	QP
	56.190	15.47	7.46	0.80	--	23.73	40.00	16.27	
	133.790	14.03	12.35	0.90	--	27.28	43.50	16.22	
	227.880	16.30	12.02	1.19	--	29.51	46.00	16.49	
	443.220	18.71	17.11	2.20	--	38.02	46.00	7.98	
	804.060	14.20	20.73	3.34	--	38.27	46.00	7.73	
	1280.000	47.73	25.34	7.50	36.99	43.58	74.00	30.42	PK
	1565.000	47.31	26.36	8.64	36.40	45.91	74.00	28.09	
	2495.000	43.71	29.17	11.54	35.21	49.21	74.00	24.79	
	3015.000	43.26	30.54	11.81	34.79	50.82	74.00	23.18	
	3535.000	41.70	31.70	12.09	34.11	51.38	74.00	22.62	
	5200.000	41.00	33.61	12.53	34.74	52.40	74.00	21.60	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 1920*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	31.940	1.53	18.49	0.59	--	20.61	40.00	19.39	QP
	133.790	12.99	12.35	0.90	--	26.24	43.50	17.26	
	215.270	19.57	11.39	1.14	--	32.10	43.50	11.40	
	321.970	13.46	14.50	1.66	--	29.62	46.00	16.38	
	443.220	15.22	17.11	2.20	--	34.53	46.00	11.47	
	804.060	14.53	20.73	3.34	--	38.60	46.00	7.40	
	1165.000	49.47	24.87	7.01	37.26	44.09	74.00	29.91	PK
	1905.000	46.40	27.35	9.65	35.84	47.56	74.00	26.44	
	2375.000	45.04	28.82	11.12	35.32	49.66	74.00	24.34	
	2725.000	45.07	29.82	11.67	35.01	51.55	74.00	22.45	
	4055.000	41.67	32.64	12.30	33.66	52.95	74.00	21.05	
	5030.000	41.99	33.43	12.50	34.79	53.13	74.00	20.87	
Vertical	33.880	11.86	17.44	0.61	--	29.91	40.00	10.09	QP
	133.790	14.37	12.35	0.90	--	27.62	43.50	15.88	
	227.880	17.69	12.02	1.19	--	30.90	46.00	15.10	
	401.510	17.98	16.52	2.04	--	36.54	46.00	9.46	
	526.640	18.17	18.24	2.43	--	38.84	46.00	7.16	
	804.060	14.38	20.73	3.34	--	38.45	46.00	7.55	
	1225.000	46.75	25.12	7.24	37.11	42.00	74.00	32.00	PK
	1680.000	43.09	26.71	8.99	36.20	42.59	74.00	31.41	
	2435.000	43.20	29.01	11.33	35.26	48.28	74.00	25.72	
	2970.000	41.99	30.44	11.79	34.83	49.39	74.00	24.61	
	3590.000	41.93	31.80	12.11	34.05	51.79	74.00	22.21	
	4865.000	39.82	33.30	12.47	34.65	50.94	74.00	23.06	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : HDMI+DP 2560*1600@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	133.790	16.40	12.35	0.90	--	29.65	43.50	13.85	QP
	227.880	18.87	12.02	1.19	--	32.08	46.00	13.92	
	455.830	14.82	17.32	2.24	--	34.38	46.00	11.62	
	526.640	18.99	18.24	2.43	--	39.66	46.00	6.34	
	710.940	18.53	19.82	3.09	--	41.44	46.00	4.56	
	804.060	15.21	20.73	3.34	--	39.28	46.00	6.72	
	1165.000	47.47	24.87	7.01	37.26	42.09	74.00	31.91	PK
	1450.000	45.87	25.98	8.18	36.63	43.40	74.00	30.60	
	1735.000	46.09	26.89	9.15	36.11	46.02	74.00	27.98	
	2260.000	45.10	28.47	10.81	35.43	48.95	74.00	25.05	
	4055.000	42.67	32.64	12.30	33.66	53.95	74.00	20.05	
	5775.000	40.74	34.19	12.67	34.56	53.04	74.00	20.96	
Vertical	33.880	11.73	17.44	0.61	--	29.78	40.00	10.22	QP
	81.410	15.94	8.02	0.86	--	24.82	40.00	15.18	
	227.880	17.99	12.02	1.19	--	31.20	46.00	14.80	
	321.970	21.28	14.50	1.66	--	37.44	46.00	8.56	
	526.640	17.67	18.24	2.43	--	38.34	46.00	7.66	
	723.550	15.94	19.94	3.14	--	39.02	46.00	6.98	
	1615.000	46.61	26.52	8.78	36.31	45.60	74.00	28.40	PK
	1850.000	45.41	27.21	9.48	35.93	46.17	74.00	27.83	
	2020.000	45.29	27.66	9.98	35.67	47.26	74.00	26.74	
	2495.000	45.71	29.17	11.54	35.21	51.21	74.00	22.79	
	3885.000	41.58	32.39	12.24	33.72	52.49	74.00	21.51	
	4625.000	41.94	33.12	12.42	34.38	53.10	74.00	20.90	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 640*480@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	134.760	11.32	12.30	0.90	--	24.52	43.50	18.98	QP
	224.000	12.63	11.85	1.17	--	25.65	46.00	20.35	
	405.390	9.89	16.57	2.06	--	28.52	46.00	17.48	
	456.800	10.84	17.32	2.24	--	30.40	46.00	15.60	
	675.050	19.74	19.58	2.95	--	42.27	46.00	3.73	
	810.850	18.28	20.80	3.36	--	42.44	46.00	3.56	
	1055.000	45.68	24.38	6.79	37.54	39.31	74.00	34.69	PK
	1180.000	45.30	24.93	7.04	37.22	40.05	74.00	33.95	
	1540.000	42.36	26.27	8.57	36.45	40.75	74.00	33.25	
	1905.000	46.40	27.35	9.65	35.84	47.56	74.00	26.44	
	3480.000	44.48	31.57	12.06	34.19	53.92	74.00	20.08	
	5030.000	41.99	33.43	12.50	34.79	53.13	74.00	20.87	
Vertical	34.850	13.41	16.97	0.62	--	31.00	40.00	9.00	QP
	81.410	15.34	8.02	0.86	--	24.22	40.00	15.78	
	134.760	11.81	12.30	0.90	--	25.01	43.50	18.49	
	281.230	13.87	13.57	1.44	--	28.88	46.00	17.12	
	405.390	16.27	16.57	2.06	--	34.90	46.00	11.10	
	675.050	16.22	19.58	2.95	--	38.75	46.00	7.25	
	1065.000	46.01	24.42	6.82	37.52	39.73	74.00	34.27	PK
	1630.000	44.13	26.56	8.78	36.29	43.18	74.00	30.82	
	1930.000	43.02	27.41	9.73	35.80	44.36	74.00	29.64	
	2435.000	45.20	29.01	11.33	35.26	50.28	74.00	23.72	
	3590.000	42.93	31.80	12.11	34.05	52.79	74.00	21.21	
	4335.000	40.63	32.88	12.37	34.04	51.84	74.00	22.16	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 1600*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	30.000	0.80	19.60	0.56	--	20.96	40.00	19.04	QP
	134.760	13.58	12.30	0.90	--	26.78	43.50	16.72	
	224.000	13.45	11.85	1.17	--	26.47	46.00	19.53	
	352.040	15.78	15.37	1.82	--	32.97	46.00	13.03	
	526.640	13.70	18.24	2.43	--	34.37	46.00	11.63	
	806.000	18.12	20.77	3.34	--	42.23	46.00	3.77	
	1110.000	47.70	24.62	6.92	37.40	41.84	74.00	32.16	PK
	1790.000	46.41	27.03	9.32	36.02	46.74	74.00	27.26	
	2260.000	44.10	28.47	10.81	35.43	47.95	74.00	26.05	
	3235.000	42.66	31.05	11.94	34.49	51.16	74.00	22.84	
	4638.000	38.94	33.12	12.42	34.38	50.10	74.00	23.90	
	5470.000	40.84	33.89	12.60	34.65	52.68	74.00	21.32	
Vertical	32.910	15.07	17.95	0.60	--	33.62	40.00	6.38	QP
	114.390	13.40	12.64	0.87	--	26.91	43.50	16.59	
	281.230	13.64	13.57	1.44	--	28.65	46.00	17.35	
	403.450	16.41	16.55	2.04	--	35.00	46.00	11.00	
	672.140	13.75	19.57	2.95	--	36.27	46.00	9.73	
	806.000	16.19	20.77	3.34	--	40.30	46.00	5.70	
	1120.000	45.80	24.67	6.95	37.37	40.05	74.00	33.95	PK
	1280.000	46.73	25.34	7.50	36.99	42.58	74.00	31.42	
	1625.000	46.82	26.55	8.78	36.30	45.85	74.00	28.15	
	2435.000	44.87	29.01	11.33	35.26	49.95	74.00	24.05	
	3950.000	40.51	32.49	12.26	33.65	51.61	74.00	22.39	
	5765.000	39.42	34.18	12.67	34.56	51.71	74.00	22.29	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 1680*1050@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	36.790	3.79	15.80	0.65	--	20.24	40.00	19.76	QP
	134.760	12.69	12.30	0.90	--	25.89	43.50	17.61	
	221.090	13.25	11.71	1.16	--	26.12	46.00	19.88	
	351.070	13.58	15.37	1.82	--	30.77	46.00	15.23	
	526.640	13.52	18.24	2.43	--	34.19	46.00	11.81	
	806.000	15.87	20.77	3.34	--	39.98	46.00	6.02	
	1260.000	42.38	25.27	7.41	37.03	38.03	74.00	35.97	PK
	1615.000	42.54	26.52	8.78	36.31	41.53	74.00	32.47	
	1810.000	42.98	27.09	9.40	35.99	43.48	74.00	30.52	
	2495.000	44.71	29.17	11.54	35.21	50.21	74.00	23.79	
	3920.000	40.61	32.45	12.26	33.69	51.63	74.00	22.37	
	5095.000	40.60	33.50	12.52	34.77	51.85	74.00	22.15	
Vertical	35.820	14.55	16.45	0.64	--	31.64	40.00	8.36	QP
	82.380	15.95	8.19	0.86	--	25.00	40.00	15.00	
	134.760	12.14	12.30	0.90	--	25.34	43.50	18.16	
	281.230	13.80	13.57	1.44	--	28.81	46.00	17.19	
	403.450	16.80	16.55	2.04	--	35.39	46.00	10.61	
	671.170	14.95	19.57	2.95	--	37.47	46.00	8.53	
	1000.000	45.74	24.10	6.70	37.70	38.84	74.00	35.16	PK
	1225.000	43.06	25.12	7.24	37.11	38.31	74.00	35.69	
	1795.000	43.90	27.05	9.32	36.01	44.26	74.00	29.74	
	2830.000	42.08	30.09	11.71	34.93	48.95	74.00	25.05	
	5265.000	40.24	33.69	12.55	34.72	51.76	74.00	22.24	
	6000.000	38.09	34.40	12.70	34.50	50.69	74.00	23.31	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 1920*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	134.760	13.14	12.30	0.90	--	26.34	43.50	17.16	QP
	219.150	13.46	11.57	1.15	--	26.18	46.00	19.82	
	351.070	14.60	15.37	1.82	--	31.79	46.00	14.21	
	526.640	13.40	18.24	2.43	--	34.07	46.00	11.93	
	671.170	15.00	19.57	2.95	--	37.52	46.00	8.48	
	806.000	14.49	20.77	3.34	--	38.60	46.00	7.40	
	1110.000	46.70	24.62	6.92	37.40	40.84	74.00	33.16	PK
	1280.000	46.73	25.34	7.50	36.99	42.58	74.00	31.42	
	1910.000	45.13	27.37	9.65	35.83	46.32	74.00	27.68	
	2725.000	45.07	29.82	11.67	35.01	51.55	74.00	22.45	
	4055.000	41.67	32.64	12.30	33.66	52.95	74.00	21.05	
	5305.000	42.06	33.72	12.57	34.70	53.65	74.00	20.35	
Vertical	35.820	14.96	16.45	0.64	--	32.05	40.00	7.95	QP
	95.960	11.98	10.70	0.85	--	23.53	43.50	19.97	
	134.760	11.86	12.30	0.90	--	25.06	43.50	18.44	
	281.230	13.70	13.57	1.44	--	28.71	46.00	17.29	
	403.450	17.46	16.55	2.04	--	36.05	46.00	9.95	
	647.890	17.37	19.45	2.83	--	39.65	46.00	6.35	
	1110.000	46.70	24.62	6.92	37.40	40.84	74.00	33.16	PK
	1165.000	47.47	24.87	7.01	37.26	42.09	74.00	31.91	
	1625.000	46.82	26.55	8.78	36.30	45.85	74.00	28.15	
	2495.000	45.71	29.17	11.54	35.21	51.21	74.00	22.79	
	3535.000	43.70	31.70	12.09	34.11	53.38	74.00	20.62	
	4625.000	41.94	33.12	12.42	34.38	53.10	74.00	20.90	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+HDMI 2048*1536@75Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	82.380	9.35	8.19	0.86	--	18.40	40.00	21.60	QP
	134.760	12.37	12.30	0.90	--	25.57	43.50	17.93	
	289.960	14.24	13.73	1.48	--	29.45	46.00	16.55	
	352.040	15.63	15.37	1.82	--	32.82	46.00	13.18	
	526.640	14.30	18.24	2.43	--	34.97	46.00	11.03	
	774.960	19.03	20.46	3.27	--	42.76	46.00	3.24	
	1165.000	47.47	24.87	7.01	37.26	42.09	74.00	31.91	PK
	1515.000	46.58	26.20	8.43	36.50	44.71	74.00	29.29	
	1905.000	46.40	27.35	9.65	35.84	47.56	74.00	26.44	
	3310.000	45.06	31.21	11.96	34.39	53.84	74.00	20.16	
	4235.000	42.02	32.80	12.34	33.91	53.25	74.00	20.75	
	5305.000	42.06	33.72	12.57	34.70	53.65	74.00	20.35	
Vertical	35.820	14.37	16.45	0.64	--	31.46	40.00	8.54	QP
	133.790	12.46	12.35	0.90	--	25.71	43.50	17.79	
	281.230	10.42	13.57	1.44	--	25.43	46.00	20.57	
	401.510	16.67	16.52	2.04	--	35.23	46.00	10.77	
	770.110	18.75	20.43	3.25	--	42.43	46.00	3.57	
	805.030	13.15	20.73	3.34	--	37.22	46.00	8.78	
	1630.000	44.13	26.56	8.78	36.29	43.18	74.00	30.82	PK
	1745.000	43.65	26.91	9.15	36.09	43.62	74.00	30.38	
	2205.000	44.89	28.30	10.60	35.48	48.31	74.00	25.69	
	2850.000	43.03	30.13	11.73	34.91	49.98	74.00	24.02	
	3590.000	41.93	31.80	12.11	34.05	51.79	74.00	22.21	
	4465.000	41.85	32.99	12.40	34.18	53.06	74.00	20.94	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 640*480@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	107.600	8.16	12.10	0.86	--	21.12	43.50	22.38	QP
	133.790	12.52	12.35	0.90	--	25.77	43.50	17.73	
	267.650	12.80	13.27	1.36	--	27.43	46.00	18.57	
	480.080	9.15	17.65	2.31	--	29.11	46.00	16.89	
	543.130	12.34	18.49	2.48	--	33.31	46.00	12.69	
	913.670	12.93	21.78	3.56	--	38.27	46.00	7.73	
	1280.000	45.80	25.34	7.50	36.99	41.65	74.00	32.35	PK
	1565.000	45.31	26.36	8.64	36.40	43.91	74.00	30.09	
	2145.000	43.86	28.10	10.40	35.54	46.82	74.00	27.18	
	2615.000	44.66	29.53	11.60	35.10	50.69	74.00	23.31	
	4055.000	42.67	32.64	12.30	33.66	53.95	74.00	20.05	
	5970.000	40.88	34.37	12.70	34.51	53.44	74.00	20.56	
Vertical	34.850	13.56	16.97	0.62	--	31.15	40.00	8.85	QP
	57.160	16.96	7.18	0.81	--	24.95	40.00	15.05	
	133.790	11.11	12.35	0.90	--	24.36	43.50	19.14	
	323.910	11.90	14.58	1.66	--	28.14	46.00	17.86	
	401.510	16.73	16.52	2.04	--	35.29	46.00	10.71	
	804.060	13.10	20.73	3.34	--	37.17	46.00	8.83	
	1225.000	45.75	25.12	7.24	37.11	41.00	74.00	33.00	PK
	1680.000	44.09	26.71	8.99	36.20	43.59	74.00	30.41	
	2435.000	45.20	29.01	11.33	35.26	50.28	74.00	23.72	
	3065.000	43.68	30.67	11.84	34.71	51.48	74.00	22.52	
	4335.000	40.63	32.88	12.37	34.04	51.84	74.00	22.16	
	4865.000	40.82	33.30	12.47	34.65	51.94	74.00	22.06	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 1600*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	73.650	9.24	6.98	0.87	--	17.09	40.00	22.91	QP
	134.760	13.40	12.30	0.90	--	26.60	43.50	16.90	
	268.620	12.00	13.30	1.36	--	26.66	46.00	19.34	
	480.080	6.85	17.65	2.31	--	26.81	46.00	19.19	
	583.870	7.11	19.03	2.56	--	28.70	46.00	17.30	
	806.000	11.27	20.77	3.34	--	35.38	46.00	10.62	PK
	1065.000	46.52	24.42	6.82	37.52	40.24	74.00	33.76	
	1515.000	46.58	26.20	8.43	36.50	44.71	74.00	29.29	
	2150.000	42.84	28.12	10.50	35.53	45.93	74.00	28.07	
	2590.000	39.63	29.44	11.58	35.12	45.53	74.00	28.47	
	3235.000	42.66	31.05	11.94	34.49	51.16	74.00	22.84	
	3535.000	42.70	31.70	12.09	34.11	52.38	74.00	21.62	
Vertical	35.820	14.18	16.45	0.64	--	31.27	40.00	8.73	QP
	81.410	16.84	8.02	0.86	--	25.72	40.00	14.28	
	134.760	13.39	12.30	0.90	--	26.59	43.50	16.91	
	403.450	14.42	16.55	2.04	--	33.01	46.00	12.99	
	526.640	14.78	18.24	2.43	--	35.45	46.00	10.55	
	806.000	15.96	20.77	3.34	--	40.07	46.00	5.93	PK
	1110.000	45.70	24.62	6.92	37.40	39.84	74.00	34.16	
	1735.000	45.09	26.89	9.15	36.11	45.02	74.00	28.98	
	2020.000	43.29	27.66	9.98	35.67	45.26	74.00	28.74	
	2495.000	44.71	29.17	11.54	35.21	50.21	74.00	23.79	
	3485.000	42.40	31.59	12.06	34.17	51.88	74.00	22.12	
	4625.000	41.94	33.12	12.42	34.38	53.10	74.00	20.90	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 1680*1050@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	77.530	10.86	7.49	0.86	--	19.21	40.00	20.79	QP
	134.760	12.74	12.30	0.90	--	25.94	43.50	17.56	
	268.620	14.11	13.30	1.36	--	28.77	46.00	17.23	
	351.070	16.22	15.37	1.82	--	33.41	46.00	12.59	
	526.640	13.30	18.24	2.43	--	33.97	46.00	12.03	
	806.000	14.51	20.77	3.34	--	38.62	46.00	7.38	
	1110.000	46.81	24.62	6.92	37.40	40.95	74.00	33.05	PK
	1390.000	45.34	25.76	7.92	36.75	42.27	74.00	31.73	
	1905.000	45.40	27.35	9.65	35.84	46.56	74.00	27.44	
	2495.000	44.71	29.17	11.54	35.21	50.21	74.00	23.79	
	3535.000	42.70	31.70	12.09	34.11	52.38	74.00	21.62	
	5470.000	40.84	33.89	12.60	34.65	52.68	74.00	21.32	
Vertical	33.880	13.00	17.44	0.61	--	31.05	40.00	8.95	QP
	81.410	16.02	8.02	0.86	--	24.90	40.00	15.10	
	219.150	10.29	11.57	1.15	--	23.01	46.00	22.99	
	403.450	14.34	16.55	2.04	--	32.93	46.00	13.07	
	671.170	10.27	19.57	2.95	--	32.79	46.00	13.21	
	885.540	12.69	21.56	3.48	--	37.73	46.00	8.27	
	1225.000	46.75	25.12	7.24	37.11	42.00	74.00	32.00	PK
	1680.000	43.09	26.71	8.99	36.20	42.59	74.00	31.41	
	2375.000	42.83	28.82	11.12	35.32	47.45	74.00	26.55	
	2785.000	42.23	29.96	11.69	34.97	48.91	74.00	25.09	
	3590.000	41.93	31.80	12.11	34.05	51.79	74.00	22.21	
	4335.000	40.63	32.88	12.37	34.04	51.84	74.00	22.16	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 1920*1200@60Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	77.530	11.01	7.49	0.86	--	19.36	40.00	20.64	QP
	134.760	12.39	12.30	0.90	--	25.59	43.50	17.91	
	268.620	14.15	13.30	1.36	--	28.81	46.00	17.19	
	352.040	17.80	15.37	1.82	--	34.99	46.00	11.01	
	514.030	18.15	18.06	2.42	--	38.63	46.00	7.37	
	849.650	18.01	21.20	3.42	--	42.63	46.00	3.37	
	1165.000	46.47	24.87	7.01	37.26	41.09	74.00	32.91	PK
	1515.000	45.58	26.20	8.43	36.50	43.71	74.00	30.29	
	1685.000	44.94	26.74	8.99	36.19	44.48	74.00	29.52	
	2495.000	43.71	29.17	11.54	35.21	49.21	74.00	24.79	
	3885.000	42.58	32.39	12.24	33.72	53.49	74.00	20.51	
	4715.000	42.35	33.19	12.45	34.49	53.50	74.00	20.50	
Vertical	33.880	12.17	17.44	0.61	--	30.22	40.00	9.78	QP
	80.440	15.24	7.85	0.86	--	23.95	40.00	16.05	
	134.760	11.76	12.30	0.90	--	24.96	43.50	18.54	
	404.420	16.85	16.55	2.06	--	35.46	46.00	10.54	
	515.000	16.33	18.09	2.42	--	36.84	46.00	9.16	
	849.650	16.21	21.20	3.42	--	40.83	46.00	5.17	
	1450.000	43.87	25.98	8.18	36.63	41.40	74.00	32.60	PK
	1860.000	43.36	27.24	9.57	35.91	44.26	74.00	29.74	
	2550.000	42.60	29.34	11.56	35.16	48.34	74.00	25.66	
	2895.000	42.52	30.25	11.75	34.88	49.64	74.00	24.36	
	4235.000	42.02	32.80	12.34	33.91	53.25	74.00	20.75	
	5470.000	39.84	33.89	12.60	34.65	51.68	74.00	22.32	

TEST ENGINEER: TOM SI

EUT : Chrome 540 Graphic Card Temperature : 22°C

Model No. : S3G007 Humidity : 60%RH

Serial No. : E2008121703 Date of Test : Dec 31, 2008

Test Mode : CRT+DP 2048*1536@75Hz

Polarization	Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
Horizontal	30.970	1.41	19.03	0.57	--	21.01	40.00	18.99	QP
	72.680	10.13	6.85	0.87	--	17.85	40.00	22.15	
	134.760	12.40	12.30	0.90	--	25.60	43.50	17.90	
	269.590	13.67	13.32	1.38	--	28.37	46.00	17.63	
	515.000	16.70	18.09	2.42	--	37.21	46.00	8.79	
	950.530	7.86	22.08	3.68	--	33.62	46.00	12.38	
	1280.000	44.80	25.34	7.50	36.99	40.65	74.00	33.35	PK
	1905.000	45.40	27.35	9.65	35.84	46.56	74.00	27.44	
	2725.000	45.07	29.82	11.67	35.01	51.55	74.00	22.45	
	3070.000	45.60	30.67	11.84	34.71	53.40	74.00	20.60	
	4055.000	40.67	32.64	12.30	33.66	51.95	74.00	22.05	
	4235.000	42.02	32.80	12.34	33.91	53.25	74.00	20.75	
Vertical	36.790	13.67	15.80	0.65	--	30.12	40.00	9.88	QP
	121.180	14.15	12.95	0.88	--	27.98	43.50	15.52	
	281.230	11.88	13.57	1.44	--	26.89	46.00	19.11	
	401.510	14.90	16.52	2.04	--	33.46	46.00	12.54	
	543.130	16.59	18.49	2.48	--	37.56	46.00	8.44	
	849.650	15.76	21.20	3.42	--	40.38	46.00	5.62	
	1390.000	45.35	25.76	7.92	36.75	42.28	74.00	31.72	PK
	2205.000	43.89	28.30	10.60	35.48	47.31	74.00	26.69	
	2785.000	43.23	29.96	11.69	34.97	49.91	74.00	24.09	
	3590.000	42.93	31.80	12.11	34.05	52.79	74.00	21.21	
	4160.000	40.71	32.74	12.33	33.81	51.97	74.00	22.03	
	5975.000	39.69	34.37	12.70	34.50	52.26	74.00	21.74	

TEST ENGINEER: TOM SI

5 DEVIATION TO TEST SPECIFICATIONS

None.