



FCC 47 CFR PART 15 SUBPART B
DECLARATION OF CONFORMITY TEST REPORT
FOR

Cellular/PCS GPRS/EDGE, AWS/PCS WCDMA Tablet with 802.11abgn, BT3.0

MODEL NUMBER: SGH-T869

FCC ID: A3LSGHT869

REPORT NUMBER: 11I14017-4

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Prepared for
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416, MAETAN 3-DONG, YEONGTONG-GU
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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
--	09/21/11	Initial Issue	S. Leitner

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN 3-DONG, YEONGTONG-GU
SUWON-CITY, GYEONGGI-DO, 443-742, SOUTH KOREA

EUT DESCRIPTION: Cellular/PCS GPRS/EDGE, AWS/PCS WCDMA Tablet with
802.11abgn, BT3.0

MODEL: SGH-T869

SERIAL NUMBER: 02047 AND 02054

DATE TESTED: SEPTEMBER 12 to 15, 2011

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 15 SUBPART B	Pass

Compliance Certification Services (UL CCS) tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL CCS based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL CCS and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL CCS will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For CCS By:

Tested By:



STEVE LEITNER
EMC SUPERVISOR
UL CCS

DOUG ANDERSON
EMC ENGINEER
UL CCS

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4-2003.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 Benicia Street, Fremont, California, USA.

UL CCS is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://www.ccsemc.com>.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\begin{aligned} \text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \\ &\text{Cable Loss (dB)} - \text{Preamp Gain (dB)} \\ 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} &= 28.9 \text{ dBuV/m} \end{aligned}$$

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	3.52 dB
Radiated Disturbance, 30 to 1000 MHz	4.94 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a The EUT is Cellular/PCS GPRS/EDGE, AWS/PCS WCDMA Tablet with 802.11abgn, BT3.0.

GENERAL INFORMATION

Power Requirements	Input: 100-240 VAC / 50-60 Hz, 0.35 A Output: 5 V, 2 A
Maximum frequency generated or used by the EUT	26 MHz (oscillator), 1.2 GHz (processor)

5.2. EUT SUBASSEMBLIES

Description	Model Number	Serial Number
Tablet PC	SGH-T869	02047 and 02054
AC Adapter (illustrated as AC Adapter 1 in setup diagram)	SE1M803DS/B-E	02056

5.3. PRELIMINARY TEST CONFIGURATIONS

The following configurations were investigated during preliminary testing:

EUT Configuration	Description
Configuration 1	The EUT populated with a headset was connected to the AC mains with an ac adapter.
Configuration 2	The EUT populated with a headset was connected to a USB port of a notebook PC with a minimum set of peripherals.

The worst-case configuration was determined to be Configuration 2. The worst-case orientation was determined to be in the "Y" axis.

5.4. MODE(S) OF OPERATION

Mode	Description
Charge Mode	The batteries of the EUT were charged while set up in Configuration 1.
USB Mode	While set up in Configuration 2 the EUT played a looping audio file and alternated the screen between black and white blocks with the backlight set to full brightness.

5.5. SOFTWARE AND FIRMWARE

Bluetooth firmware - HCI Stack 4.0 (Software version 26A)

Wi-Fi Firmware Rev 3.1.1.401

EUT driver software version: T869.002

5.6. MODIFICATIONS

No modifications were made during testing.

5.7. DETAILS OF TESTED SYSTEM

SUPPORT EQUIPMENT & PERIPHERALS

CONFIGURATION 1

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Headset	Samsung	GH59-10443F	02049	N/A

CONFIGURATION 2

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Notebook PC	Lenovo	Type 2537-C84	R8-2K96F	DoC
AC Adapter 2	Lenovo	42T4418	11S42T4418Z1ZG	DoC
USB Printer	Microline 186	D22300A	AC5C018494A0	DoC
USB Mouse	Logitech	M-BE58	HCA40202931	DoC

I/O CABLES**CONFIGURATION 1**

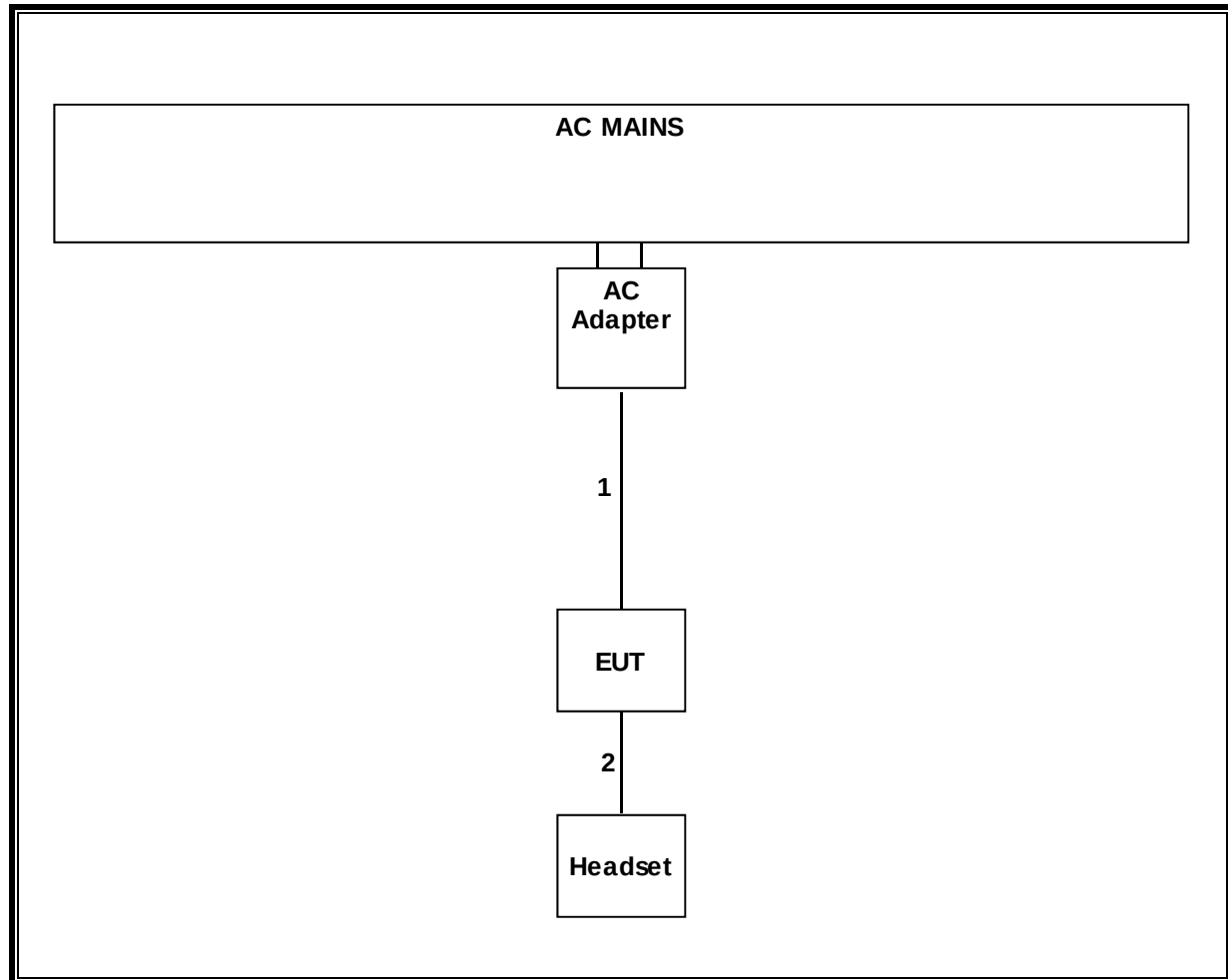
I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	DC Power	1	USB	Shielded	1 m	Standard A USB at ac adapter end, 30-pin connector at EUT end
2	Audio	1	Mini-Jack	Unshielded	1.2 m	

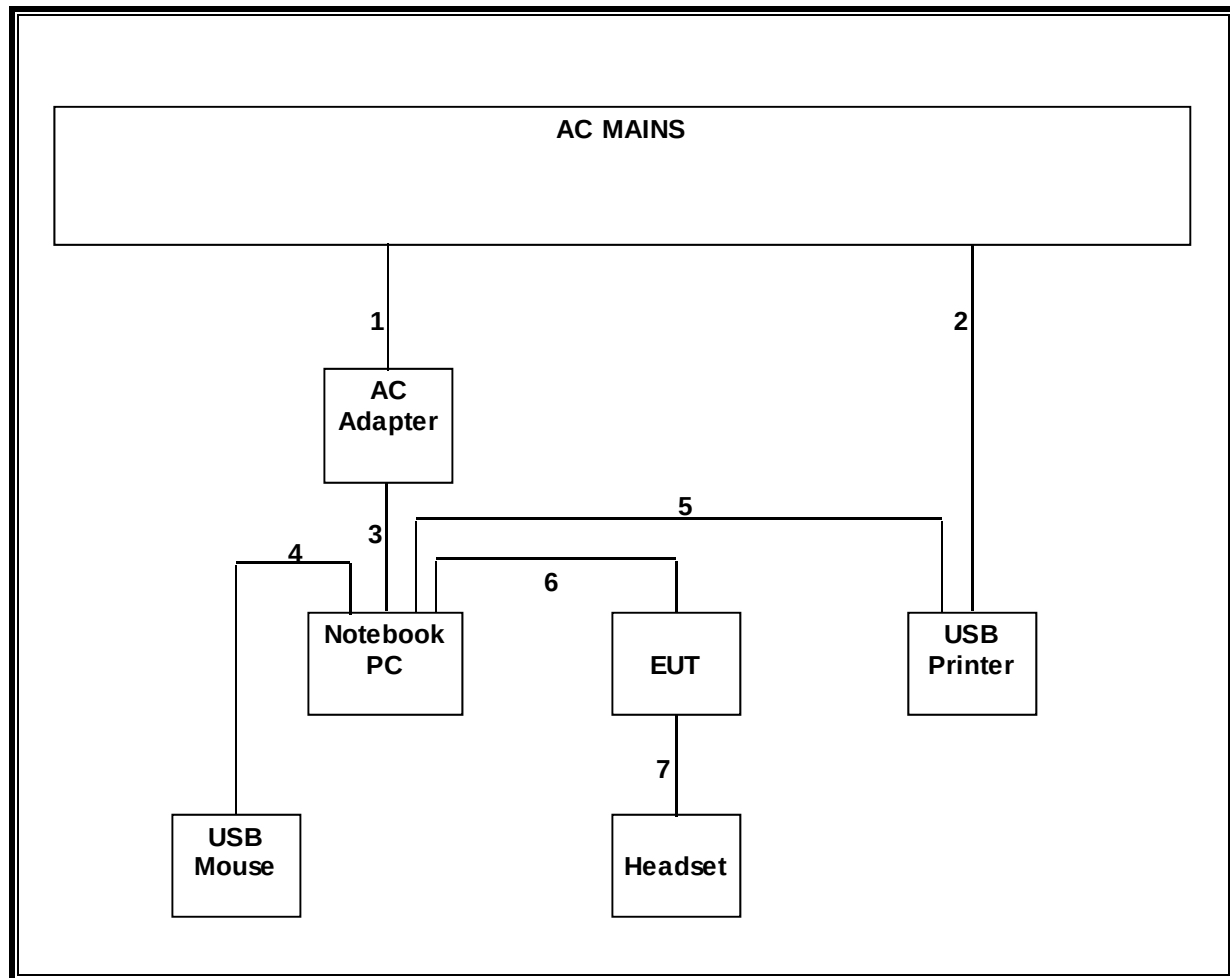
CONFIGURATION 2

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	AC Power	1	2-Prong	Unshielded	1 m	
2	AC Power	1	2-Prong	Unshielded	1.5 m	
3	DC Power	1	Mini-Jack	Unshielded	1.75 m	Ferrite at PC End
4	USB	1	USB-A	Shielded	2 m	
5	USB	1	USB-A	Shielded	1.75 m	
6	USB	1	USB	Shielded	1 m	Standard A USB at PC end, 30-pin connector at EUT end
7	Audio	1	Mini-Jack	Unshielded	1.2 m	

TEST SETUP

The EUT was installed in a typical configuration per the following diagrams. Test software exercised the EUT.

TEST SETUP DIAGRAM**CONFIGURATION 1**

CONFIGURATION 2

6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	Cal Due
Spectrum Analyzer, 26.5 GHz	Agilent / HP	E4440A	C01178	08/15/12
Antenna, Bilog, 2 GHz	Sunol Sciences	JB1	C01016	07/16/12
Preamplifier, 1300 Hz	Agilent / HP	8447D	C00580	01/27/12
Antenna, Horn, 18 GHz	EMCO	3115	C00783	06/29/12
Preamplifier, 26.5 GHz	Agilent / HP	8449B	C01063	07/12/12
Spectrum Analyzer, 26.5 GHz	Agilent / HP	E4440A	C01176	08/04/12
Antenna, Bilog, 2 GHz	Sunol Sciences	JB1	C01171	07/16/12
Preamplifier, 1300 MHz	Agilent / HP	8447D	C00558	01/27/12
Antenna, Horn, 18 GHz	EMCO	3115	C01218	09/01/12
Preamplifier, 26.5 GHz	Agilent / HP	8449B	C00749	07/18/12
Spectrum Analyzer, 26.5 GHz	Agilent / HP	E4440A	C01179	04/19/12
Antenna, Bilog, 2 GHz	Sunol Sciences	JB1	C01011	07/16/12
Preamplifier, 1300 MHz	Agilent / HP	8447D	C00885	01/27/12
Antenna, Horn, 18 GHz	EMCO	3115	C00945	06/29/12
Preamplifier, 26.5 GHz	Agilent / HP	8449B	C01052	07/12/12
EMI Test Receiver, 9 kHz-7 GHz	R & S	ESCI 7	1000741	07/06/12
LISN, 30 MHz	FCC	LISN-50/250-25-2	N02625	11/10/11
LISN, 30 MHz	Solar	8012-50-R-24-BNC	N02481	11/10/11

7. APPLICABLE LIMITS AND TEST RESULTS

7.1. RADIATED EMISSIONS

TEST PROCEDURE

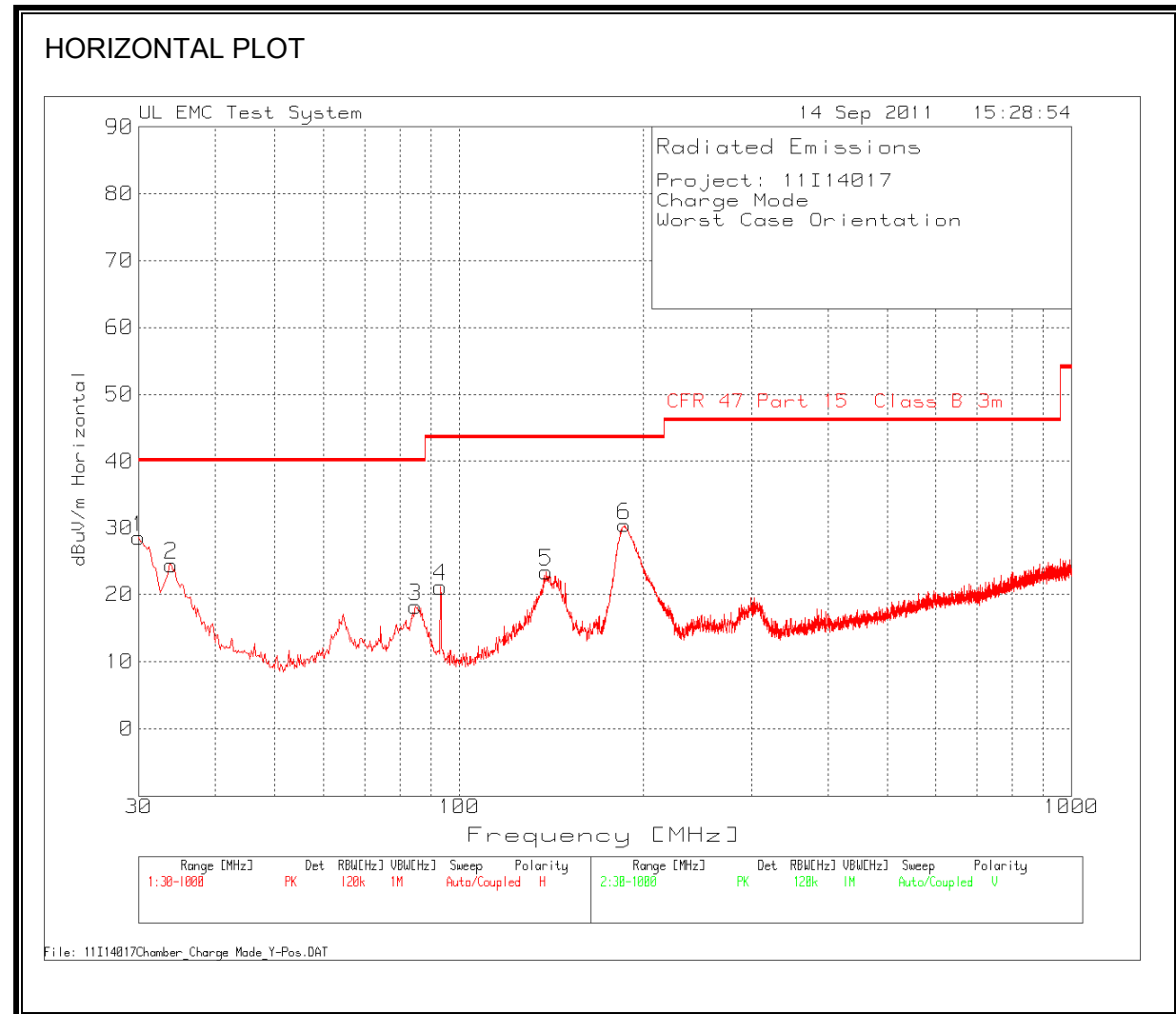
ANSI C63.4

The highest clock frequency generated or used in the EUT is 1200 MHz, therefore the frequency range was investigated from 30 MHz to 6000 MHz.

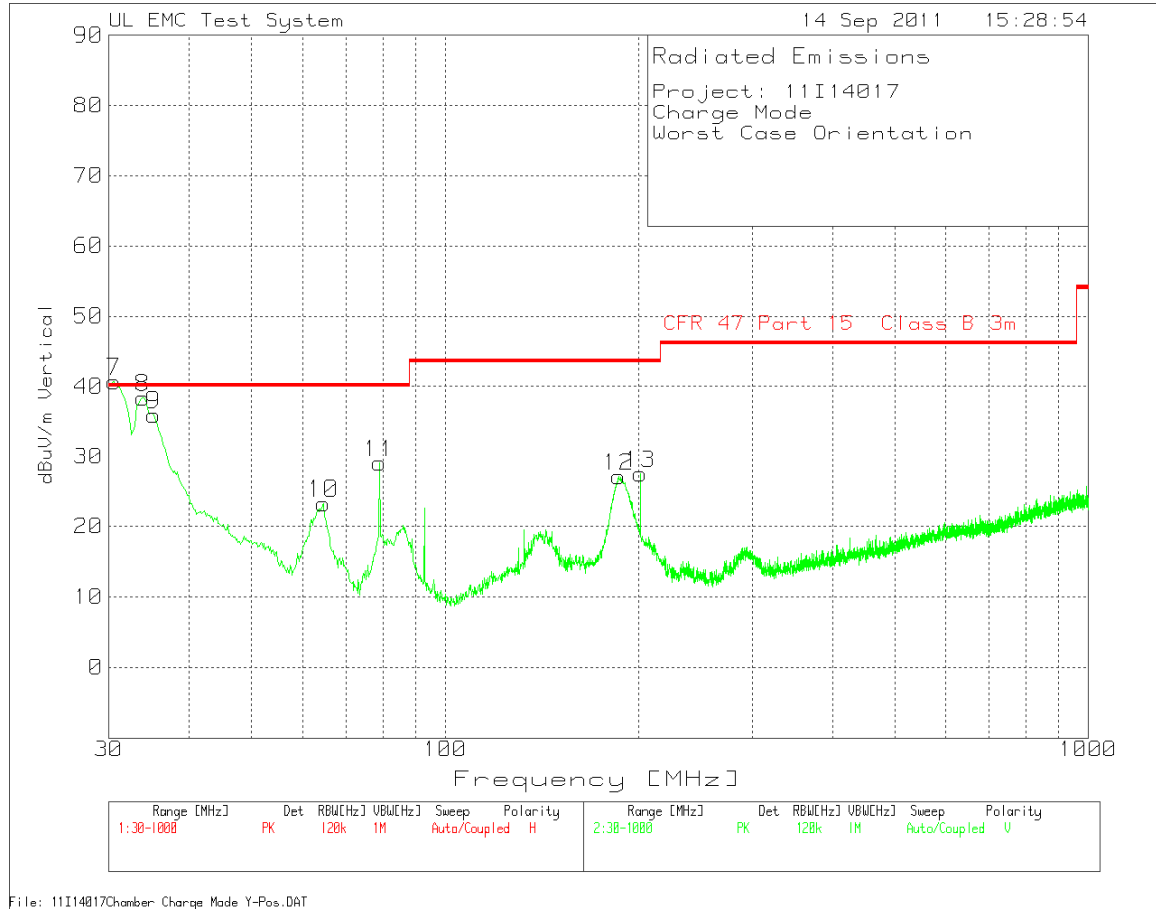
LIMIT

§15.109 (a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Limits for radiated disturbance of Class B ITE at measuring distance of 3 m	
Frequency range (MHz)	Quasi-peak limits (dB μ V/m)
30 to 88	40
88 to 216	43.5
216 to 960	46
Above 960 MHz	54
Note: The lower limit shall apply at the transition frequency.	

RESULTS**RADIATED EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION) – CONFIGURATION 1**

VERTICAL PLOT



HORIZONTAL AND VERTICAL DATA

Project: 11I14017

Charge Mode

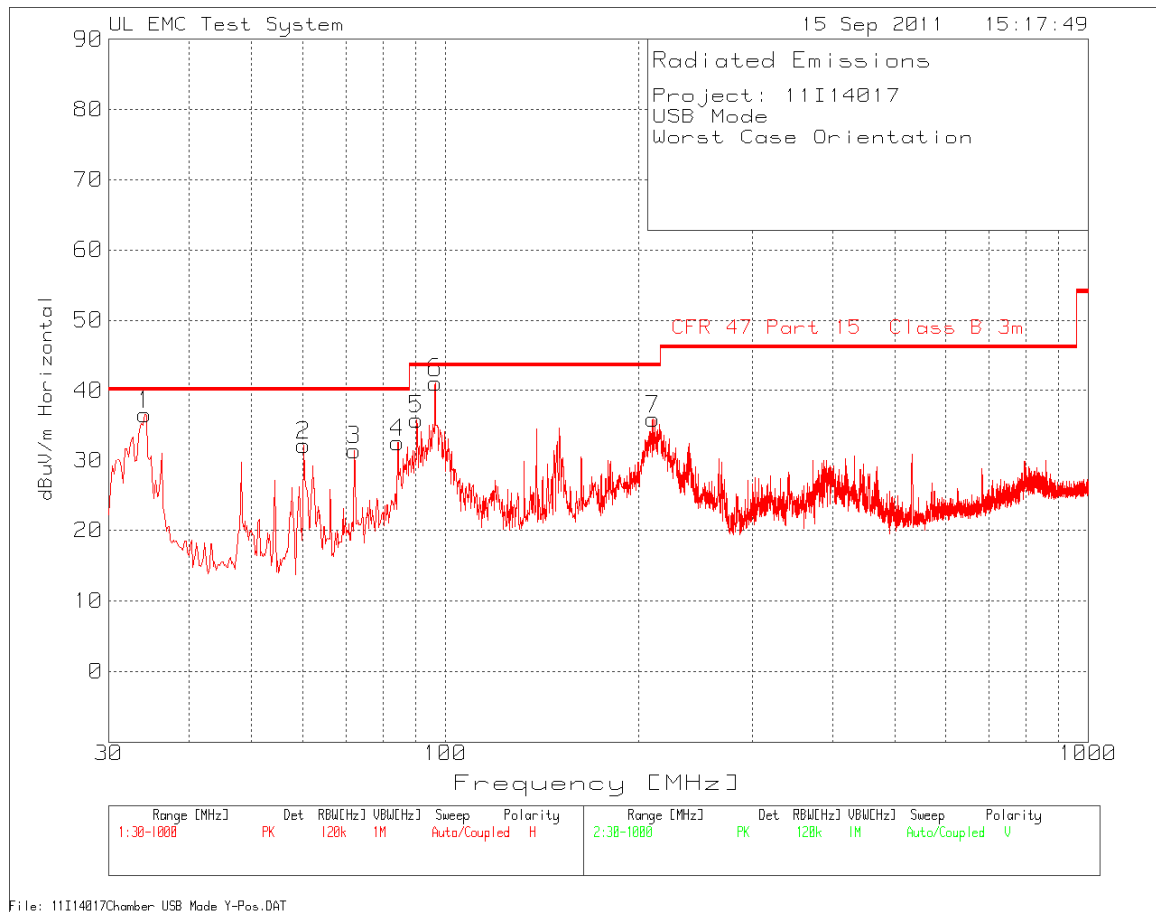
Y-Position

Test Freq. (MHz)	Meter Reading (dBuV)	Detector	Cable Loss [dB]	Pre-Amp Gain [dB]	Antenna Factor [dB]	dBuV/m	FCC Class B 3m Limit	Margin	Height [cm]	Polarity
30.000	36.22	PK	0.6	-28.3	20	28.52	40	-11.48	176	Horz
33.8769	33.95	PK	0.6	-28.3	18.1	24.35	40	-15.65	100	Horz
84.8581	37.66	PK	1	-28.1	7.6	18.16	40	-21.84	251	Horz
93.1934	40.2	PK	1	-28.1	8	21.1	43.5	-22.4	176	Horz
138.747	36.79	PK	1.2	-27.9	13.2	23.29	43.5	-20.21	100	Horz
186.0452	45.7	PK	1.3	-27.7	11.1	30.4	43.5	-13.1	100	Horz
30.5815	48.7	PK	0.6	-28.3	19.7	40.7	40	0.7	101	Vert
30.5815	44.18	QP	0.6	-28.3	19.7	36.18	40	-3.82	101	Vert
33.8769	47.99	PK	0.6	-28.3	18.1	38.39	40	-1.61	101	Vert
33.8769	43.88	QP	0.6	-28.3	18.1	34.28	40	-5.72	101	Vert
35.2338	46.23	PK	0.6	-28.3	17.4	35.93	40	-4.07	101	Vert
64.6982	42.44	PK	0.9	-28.2	8.1	23.24	40	-16.76	101	Vert
79.0428	48.1	PK	1	-28.1	8	29	40	-11.0	176	Vert
186.0452	42.32	PK	1.3	-27.7	11.1	27.02	43.5	-16.48	101	Vert
201.1651	41.8	PK	1.4	-27.6	11.9	27.5	43.5	-16.0	176	Vert

PK - Peak detector

QP - Quasi-Peak detector

Av - Average detector

RADIATED EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION) – CONFIGURATION 2**HORIZONTAL PLOT**

VERTICAL PLOT



HORIZONTAL AND VERTICAL DATA

Project: 11I14017

USB Mode

Y-Position

Test Freq. (MHz)	Meter Reading (dBuV)	Detector	Cable Loss [dB]	Pre-Amp Gain [dB]	Antenna Factor [dB]	dBuV/m	FCC Class B 3m Limit	Margin	Height [cm]	Polarity
34.071	45.96	PK	0.6	-28.3	18.3	36.56	40	-3.44	200	Horz
60.2398	51.81	PK	0.8	-28.3	7.9	32.21	40	-7.79	400	Horz
72.2582	50.9	PK	0.9	-28.2	7.9	31.5	40	-8.5	400	Horz
84.3735	52.38	PK	1	-28.2	7.4	32.58	40	-7.42	400	Horz
90.2858	55.47	PK	1	-28.2	7.6	35.87	43.5	-7.63	200	Horz
96.4888	59.23	PK	1	-28.2	9.1	41.13	43.5	-2.37	200	Horz
96.4888	58.12	QP	1	-28.2	9.1	40.02	43.5	-3.48	200	Horz
210.6635	50.38	PK	1.6	-28.1	12	35.88	43.5	-7.62	100	Horz
31.1631	45.66	PK	0.6	-28.3	19.6	37.56	40	-2.44	100	Vert
31.1631	40.7	QP	0.6	-28.3	19.6	32.6	40	-7.4	100	Vert
31.9384	48.35	PK	0.6	-28.3	19.3	39.95	40	-0.05	100	Vert
31.9384	42.02	QP	0.6	-28.3	19.3	33.62	40	-6.38	100	Vert
32.52	48.09	PK	0.6	-28.3	19	39.39	40	-0.61	100	Vert
32.52	42.76	QP	0.6	-28.3	19	34.06	40	-5.94	100	Vert
33.4892	48.85	PK	0.6	-28.3	18.6	39.75	40	-0.25	100	Vert
33.4892	43.32	QP	0.6	-28.3	18.6	34.22	40	-5.78	100	Vert
34.0707	49.64	PK	0.6	-28.3	18.3	40.24	40	0.24	100	Vert
34.0707	42.42	QP	0.6	-28.3	18.3	33.02	40	-6.98	100	Vert
48.2214	55.32	PK	0.8	-28.3	9.2	37.02	40	-2.98	100	Vert
48.2214	53.27	QP	0.8	-28.3	9.2	34.97	40	-5.03	100	Vert

PK - Peak detector

QP - Quasi-Peak detector

Av - Average detector

RADIATED EMISSIONS ABOVE 1000 MHz – CONFIGURATION 1**HORIZONTAL AND VERTICAL DATA**

High Frequency Measurement
Compliance Certification Services, Fremont 3m Chamber

Company: Samsung
Project #: 11114017
Date: 09/15/11
Test Engineer: Doug Anderson
Configuration: EUT Stand-Alone in Worst Case Orientation
Mode: Charge Mode

Test Equipment:

Horn 1-18GHz T73; S/N: 6717 @3m	Pre-amplifier 1-26GHz T144 Miteq 3008A00931	Pre-amplifier 26-40GHz	Horn > 18GHz	Limit FCC Class B
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Hi Frequency Cables

3' cable 22807700 3' cable 22807700	12' cable 22807600 12' cable 22807600	20' cable 22807500 20' cable 22807500	HPF	Reject Filter	Peak Measurements RBW=VBW=1MHz Average Measurements RBW=1MHz, VBW=10Hz
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f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Fitr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
VERTICAL:															
1.036	3.0	48.3	33.7	24.1	2.8	-38.8	0.0	0.0	36.5	21.9	74	54	-37.5	-32.1	V, Noise Floor
HORIZONTAL:															
1.009	3.0	46.4	32.8	24.0	2.8	-38.8	0.0	0.0	34.4	20.7	74	54	-39.6	-33.3	H, Noise Floor
No Significant Emissions Found Above the Noise Floor															
Rev. 07.08.11															
f	Measurement Frequency		Amp	Preamp Gain		Avg Lim	Average Field Strength Limit								
Dist	Distance to Antenna		D Corr	Distance Correct to 3 meters		Pk Lim	Peak Field Strength Limit								
Read	Analyzer Reading		Avg	Average Field Strength @ 3 m		Avg Mar	Margin vs. Average Limit								
AF	Antenna Factor		Peak	Calculated Peak Field Strength		Pk Mar	Margin vs. Peak Limit								
CL	Cable Loss		HPF	High Pass Filter											

RADIATED EMISSIONS ABOVE 1000 MHz – CONFIGURATION 2**HORIZONTAL AND VERTICAL DATA**

High Frequency Measurement
Compliance Certification Services, Fremont 3m Chamber

Company: Samsung
Project #: 11114017
Date: 09/15/11
Test Engineer: Doug Anderson
Configuration: EUT Connect to USB Port of Notebook PC with Minimum Complement of Support Peripherals
Mode: USB Mode

Test Equipment:

Horn 1-18GHz T73; S/N: 6717 @3m	Pre-amplifier 1-26GHz T144 Miteq 3008A00931	Pre-amplifier 26-40GHz	Horn > 18GHz	Limit FCC Class B
Hi Frequency Cables				
3' cable 22807700 3' cable 22807700	12' cable 22807600 12' cable 22807600	20' cable 22807500 20' cable 22807500	HPF	Reject Filter

Peak Measurements
RBW=VBW=1MHz
Average Measurements
RBW=1MHz, VBW=10Hz

f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Filt dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
VERTICAL:															
1.592	3.0	64.8	35.6	26.3	3.5	-38.0	0.0	0.0	56.6	27.4	74	54	-17.4	-26.6	V
1.668	3.0	54.6	34.8	26.6	3.6	-37.9	0.0	0.0	46.9	27.1	74	54	-27.1	-26.9	V
1.328	3.0	58.0	33.8	25.3	3.2	-38.4	0.0	0.0	48.1	23.9	74	54	-25.9	-30.1	V
2.132	3.0	52.2	33.0	28.3	4.2	-37.3	0.0	0.0	47.4	28.2	74	54	-26.6	-25.8	V
2.660	3.0	53.5	32.8	30.0	4.8	-36.8	0.0	0.0	51.5	30.8	74	54	-22.5	-23.2	V
1.524	3.0	49.8	31.7	26.0	3.4	-38.1	0.0	0.0	41.2	23.1	74	54	-32.8	-30.9	V
HORIZONTAL:															
1.596	3.0	59.5	32.5	26.3	3.5	-38.0	0.0	0.0	51.3	24.3	74	54	-22.7	-29.7	H
1.332	3.0	54.8	31.4	25.3	3.2	-38.4	0.0	0.0	44.9	21.5	74	54	-29.1	-32.5	H
1.064	3.0	52.1	32.6	24.2	2.8	-38.7	0.0	0.0	40.5	21.0	74	54	-33.5	-33.0	H
1.516	3.0	50.4	32.4	26.0	3.4	-38.1	0.0	0.0	41.7	23.7	74	54	-32.3	-30.3	H
2.664	3.0	49.4	31.6	30.1	4.8	-36.8	0.0	0.0	47.5	29.7	74	54	-26.5	-24.3	H

Rev. 07.08.11

f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

7.2. AC MAINS LINE CONDUCTED EMISSIONS

TEST PROCEDURE

ANSI C63.4

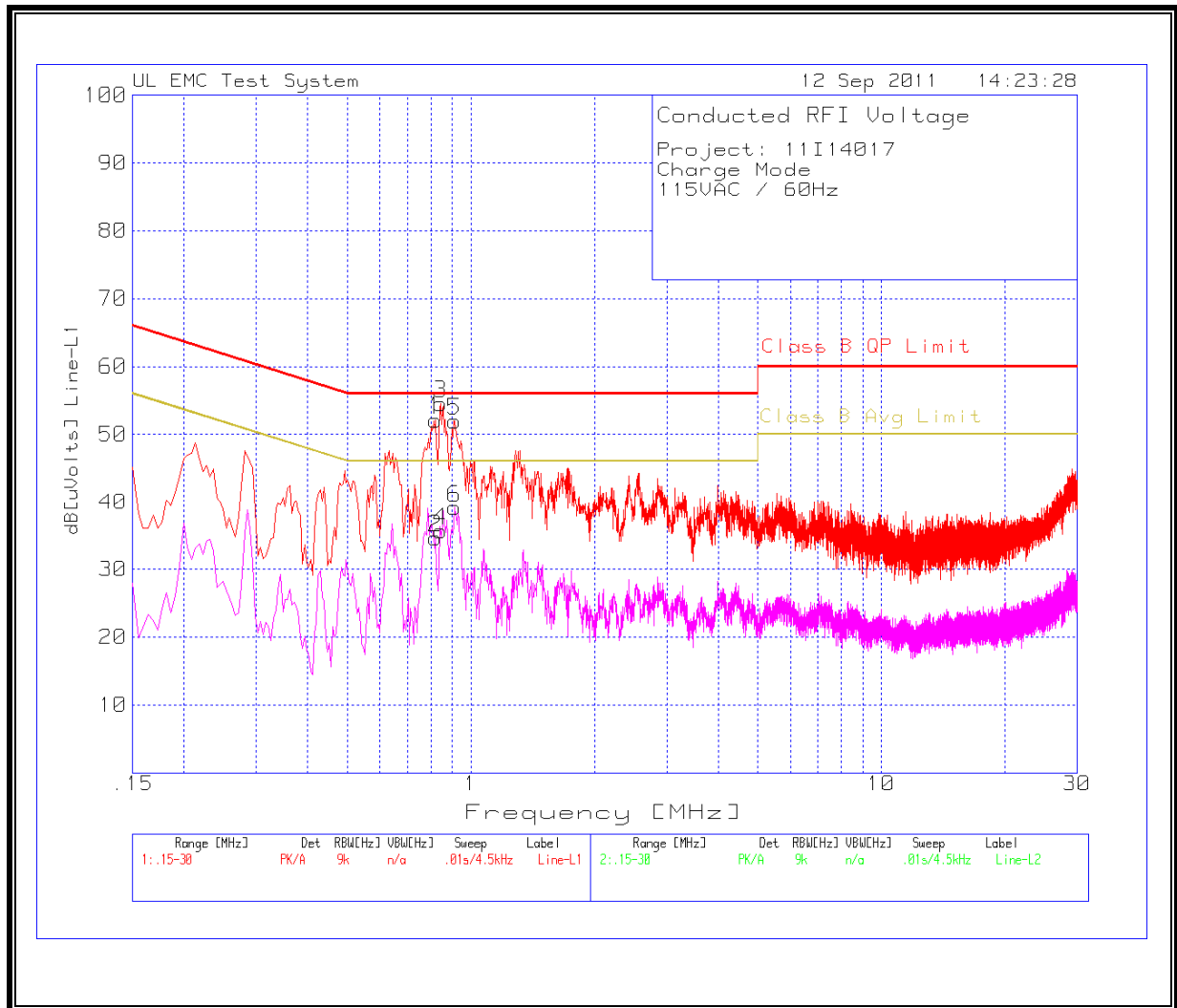
LIMIT

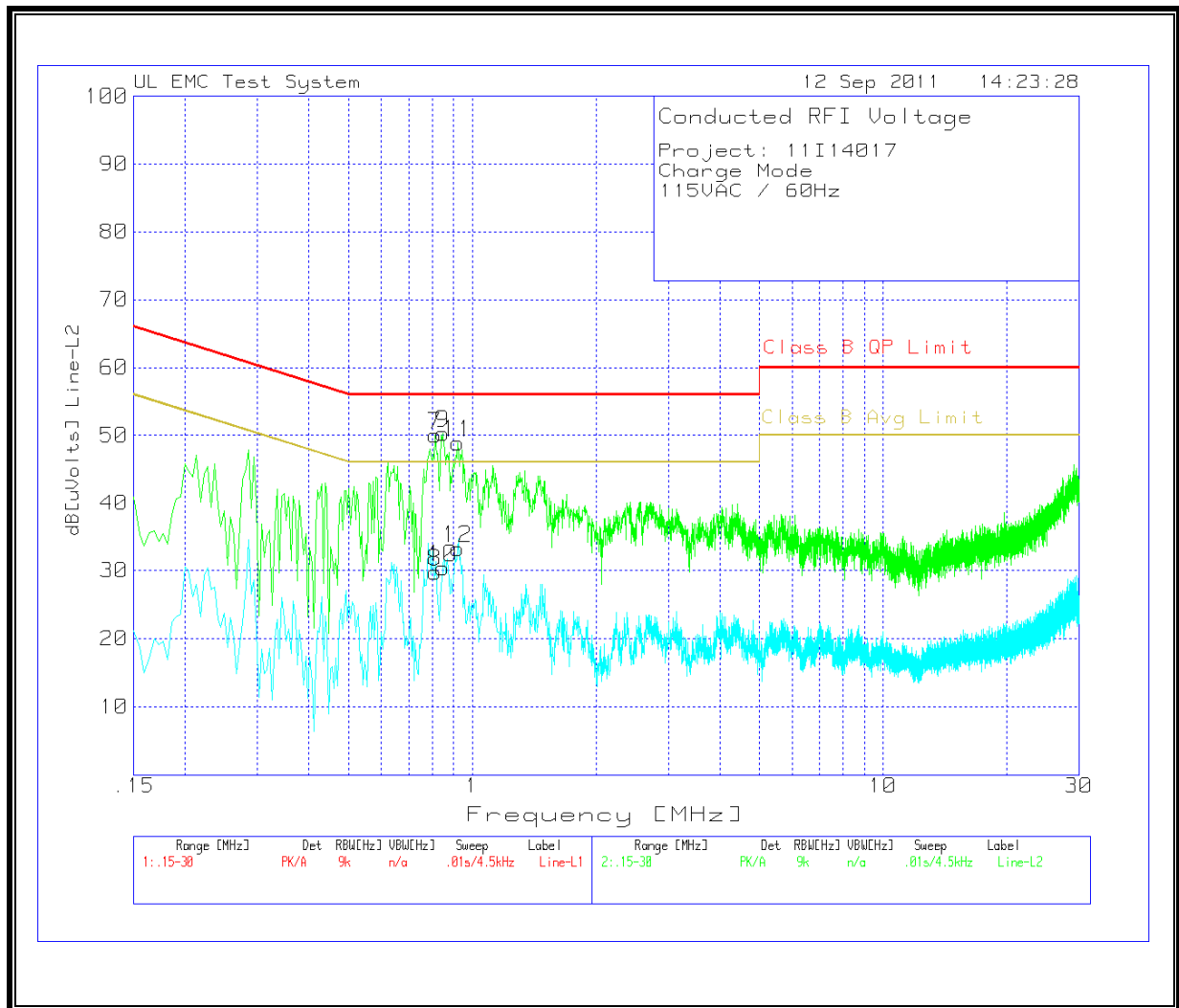
§15.107 (a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Notes: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

RESULTS – CONFIGURATION 1**6 WORST EMISSIONS**

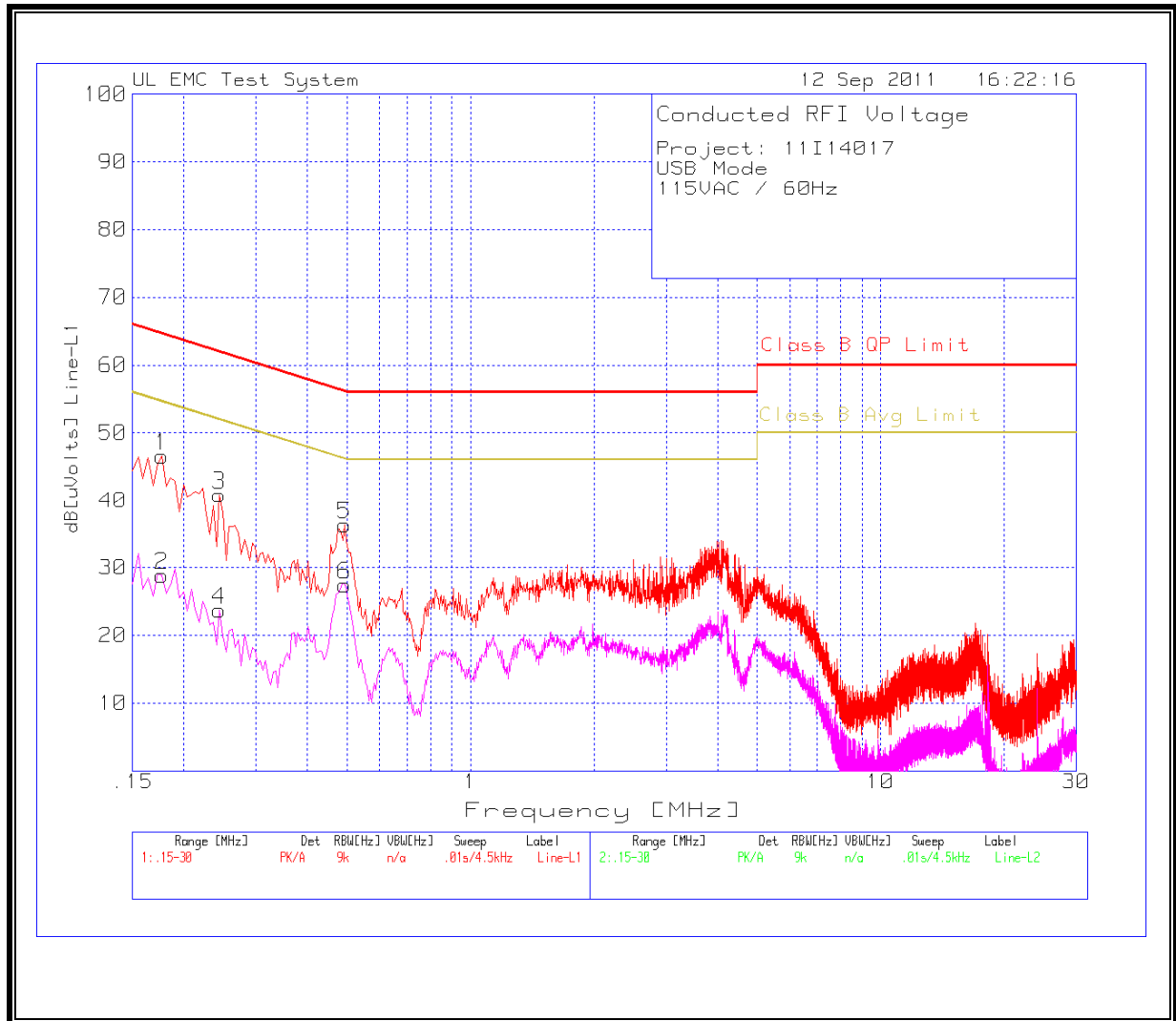
Project: 11I14017									
Charge Mode									
115VAC / 60Hz									
Test Freq. (MHz)	Meter Reading	Detector	LISN [dB]	Conducted Emission Cable [dB]	Correct Reading (dBUVolts)	Class B Quasi-peak Limit	Quasi- Peak Margin	Class B Average Limit	Average Margin
Line-L1 .15 - 30MHz									
0.8205	52.16	PK	0	0	52.16	56	-3.84	--	--
0.8205	34.59	Av	0	0	34.59	--	--	46	-11.41
0.843	54.53	PK	0	0	54.53	56	-1.47	--	--
0.843	35.63	Av	0	0	35.63	--	--	46	-10.37
0.9105	51.94	PK	0	0	51.94	56	-4.06	--	--
0.9105	39.08	Av	0	0	39.08	--	--	46	-6.92
Line-L2 .15 - 30MHz									
0.8115	50.09	PK	0	0	50.09	56	-5.91	--	--
0.8115	29.72	Av	0	0	29.72	--	--	46	-16.28
0.8475	50.33	PK	0	0	50.33	56	-5.67	--	--
0.8475	30.36	Av	0	0	30.36	--	--	46	-15.64
0.9195	48.83	PK	0	0	48.83	56	-7.17	--	--
0.9195	33.18	Av	0	0	33.18	--	--	46	-12.82
PK - Peak detector									
QP - Quasi-Peak detector									
Av - Average detector									

LINE 1 RESULTS

LINE 2 RESULTS

RESULTS – CONFIGURATION 2**6 WORST EMISSIONS**

Project: 11I14017									
USB Mode									
115VAC / 60Hz									
Test Freq. (MHz)	Meter Reading	Detector	LISN [dB]	Conducted Emission Cable [dB]	Correct Reading (dBuVolts)	Class B Quasi-peak Limit	Quasi- Peak Margin	Class B Average Limit	Average Margin
Line-L1 .15 - 30MHz									
0.177	46.52	PK	0	0	46.52	64.6	-18.08	--	--
0.177	28.9	Av	0	0	28.9	--	--	54.6	-25.7
0.2445	40.85	PK	0	0	40.85	61.9	-21.05	--	--
0.2445	23.75	Av	0	0	23.75	--	--	51.9	-28.15
0.492	36.3	PK	0	0	36.3	56.1	-19.8	--	--
0.492	27.41	Av	0	0	27.41	--	--	46.1	-18.69
Line-L2 .15 - 30MHz									
0.1635	51.38	PK	0	0	51.38	65.3	-13.92	--	--
0.1635	30.69	Av	0	0	30.69	--	--	55.3	-24.61
0.195	47.35	PK	0	0	47.35	63.8	-16.45	--	--
0.195	33.96	Av	0	0	33.96	--	--	53.8	-19.84
0.483	37.04	PK	0	0	37.04	56.3	-19.26	--	--
0.483	26.65	Av	0	0	26.65	--	--	46.3	-19.65
PK - Peak detector									
QP - Quasi-Peak detector									
Av - Average detector									

LINE 1 RESULTS

LINE 2 RESULTS