

*FCC PART 15, SUBPART B and C
TEST REPORT**for*

NevoConnect

MODEL: URC1037

Prepared for

UNIVERSAL ELECTRONICS, INC.
6101 GATEWAY DRIVE
CYPRESS, CALIFORNIA 90630Prepared by: 

KYLE FUJIMOTO

Approved by: 

MICHAEL CHRISTENSEN

COMPATIBLE ELECTRONICS INC.
114 OLINDA DRIVE
BREA, CALIFORNIA 92823
(714) 579-0500

DATE: OCTOBER 10, 2007

	REPORT BODY	APPENDICES					TOTAL
		<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	
PAGES	16	2	2	2	15	23	60

This report shall not be reproduced except in full, without the written approval of Compatible Electronics.

TABLE OF CONTENTS

Section / Title	PAGE
GENERAL REPORT SUMMARY	4
SUMMARY OF TEST RESULTS	4
1. PURPOSE	5
2. ADMINISTRATIVE DATA	6
2.1 Location of Testing	6
2.2 Traceability Statement	6
2.3 Cognizant Personnel	6
2.4 Date Test Sample was Received	6
2.5 Disposition of the Test Sample	6
2.6 Abbreviations and Acronyms	6
3. APPLICABLE DOCUMENTS	7
4. DESCRPTION OF TEST CONFIGURATION	8
4.1 Description Of Test Configuration - EMI	8
4.1.1 Cable Construction and Termination	9
5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT	10
5.1 EUT and Accessory List	10
5.2 EMI Test Equipment	11
6. TEST SITE DESCRIPTION	12
6.1 Test Facility Description	12
6.2 EUT Mounting, Bonding and Grounding	12
7. TRANSMITTER DESCRIPTION	12
8. TEST PROCEDURES	13
8.1 RF Emissions	13
8.1.1 Conducted Emissions Test	13
8.1.2 Radiated Emissions (Spurious and Harmonics) Test	14
8.1.3 Radiated Emissions (Spurious and Harmonics) Test (Continued)	15
9. CONCLUSIONS	16

LIST OF APPENDICES

APPENDIX	TITLE
A	Laboratory Recognitions
B	Modifications to the EUT
C	Additional Models Covered Under This Report
D	Diagrams, Charts, and Photos • Test Setup Diagrams • Radiated Emissions Photos • Antenna and Effective Gain Factors
E	Data Sheets

LIST OF FIGURES

FIGURE	TITLE
1	Plot Map And Layout of 3 Meter Radiated Site

GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Compatible Electronics Inc., which is an independent testing and consulting firm. The test report is based on testing performed by Compatible Electronics personnel according to the measurement procedures described in the test specifications given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced without the written permission of Compatible Electronics, unless done so in full.

This report must not be used to claim product endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Device Tested: NevoConnect
Model: URC1037
S/N: N/A

Product Description: See Expository Statement

Modifications: The EUT was not modified in order to meet the specifications.

Customer: Universal Electronics, Inc.
6101 Gateway Drive
Cypress, California 90630

Manufacturer: Jetta House
19 On Kui Street, On Lok Tsuen, Fanling,
Hong Kong

Test Dates: September 7 and 13, 2007

Test Specifications: EMI requirements
CFR Title 47, Part 15 Subpart B; and Subpart C, Sections 15.205, 15.209 and 15.249

Test Procedure: ANSI C63.4

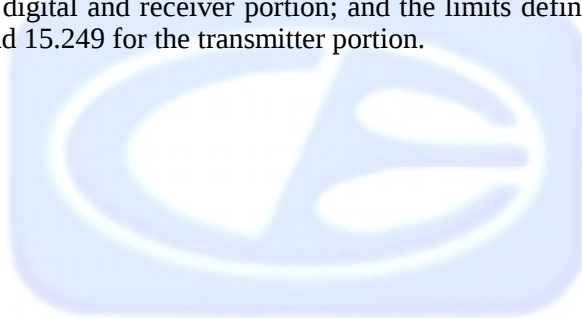
Test Deviations: The test procedure was not deviated from during the testing.

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz – 30 MHz	Complies with the Class B limits of CFR Title 47, Part 15, Subpart B; and the limits of CFR Title 47, Part 15, Subpart C, section 15.207.
2	Radiated RF Emissions, 10 kHz – 9300 MHz (Transmitter Portion)	Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.205, 15.209, and 15.249.
3	Radiated RF Emissions, 10 kHz – 9300 MHz (Digital and Receiver Portion)	Complies with the Class B limits of CFR Title 47, Part 15, Subpart B.

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the NevoConnect, Model: URC1037. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B for the digital and receiver portion; and the limits defined in Subpart C, sections 15.205, 15.207, 15.209, and 15.249 for the transmitter portion.



2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Compatible Electronics, 114 Olinda Drive, Brea, California 92823.

2.2 Traceability Statement

The calibration certificates of all test equipment used during the test are on file at the location of the test. The calibration is traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

Universal Electronics, Inc.

Jesse Mendez Senior Electrical Core Engineer

Compatible Electronics, Inc.

Kyle Fujimoto Test Engineer

Michael Christensen Lab Manager

2.4 Date Test Sample was Received

The test sample was received on September 4, 2007.

2.5 Disposition of the Test Sample

The sample was returned to Universal Electronics, Inc. on September 28, 2007.

2.6 Abbreviations and Acronyms

The following abbreviations and acronyms may be used in this document.

RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
HP	Hewlett Packard
ITE	Information Technology Equipment
CML	Corrected Meter Limit
LISN	Line Impedance Stabilization Network

3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this EMI Test Report.

SPEC	TITLE
CFR Title 47, Part 15	FCC Rules – Radio frequency devices (including digital devices)
ANSI C63.4 2003	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description Of Test Configuration - EMI

Setup and operation of the equipment under test.

Specifics of the EUT and Peripherals Tested

Transmit Mode: The NevoConnect, Model: URC1037 (EUT) was connected to an AC Adapter, laptop and six (6) IR diodes via its power, remote control, and IR out ports, respectively. The laptop was also connected to a monitor via its video port. The EUT was transmitting on a continuous basis.

Receive Mode: The NevoConnect, Model: URC1037 (EUT) was connected to an AC Adapter, laptop and six (6) IR diodes via its power, remote control, and IR out ports, respectively. A separate PCB board with LED's and an antenna was powered approximately 50 feet away from the EUT. The EUT was receiving on a continuous basis from the PCB Board with LED's.

The final radiated as well as conducted data was taken in the both modes above. Please see Appendix E for the data sheets.

4.1.1 Cable Construction and Termination

- Cable 1** This is a 1.8-meter braid and foil shielded cable connecting the monitor to the laptop. The cable has a high density D-15 pin connector at the laptop end and is hard wired into the monitor. The cable was bundled to a length of 1 meter. The cable was grounded to the chassis via the connector.
- Cable 2** This is a 2-meter unshielded cable connecting the EUT to the AC Adapter. The cable has a 1/8 inch power connector at the EUT end and is hard wired into the AC Adapter. The cable has a molded ferrite at the EUT end.
- Cable 3** This is a 2-meter unshielded cable connecting the EUT to the IR diode #1. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #1. The cable was bundled to a length of 1 meter.
- Cable 4** This is a 2-meter unshielded cable connecting the EUT to the IR diode #2. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #2. The cable was bundled to a length of 1 meter.
- Cable 5** This is a 2-meter unshielded cable connecting the EUT to the IR diode #3. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #3. The cable was bundled to a length of 1 meter.
- Cable 6** This is a 2-meter unshielded cable connecting the EUT to the IR diode #4. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #4. The cable was bundled to a length of 1 meter.
- Cable 7** This is a 2-meter unshielded cable connecting the EUT to the IR diode #5. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #5. The cable was bundled to a length of 1 meter.
- Cable 8** This is a 2-meter unshielded cable connecting the EUT to the IR diode #6. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #6. The cable was bundled to a length of 1 meter.
- Cable 9** This is a 2-meter braid shielded cable connecting the EUT to the laptop. The cable has a mini-USB connector at the EUT end and a USB Type 'A' connector at the laptop end. The shield of the cable was grounded to the chassis via the connectors.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT**5.1 EUT and Accessory List**

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
NevoConnect (EUT)	JETTA HOUSE	URC1037	N/A	MG310370
LAPTOP	DELL	PP06S	N/A	DoC
IR DIODES (6)	N/A	N/A	N/A	N/A
AC ADAPTER FOR EUT	CHD	SCP0900500P	N/A	N/A
MONITOR	DELL	N/A	N/A	N/A

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION DUE DATE
GENERAL TEST EQUIPMENT USED FOR ALL RF EMISSIONS TESTS					
Computer	Hewlett Packard	4530	US91912319	N/A	N/A
Spectrum Analyzer – Main Section	Hewlett Packard	8566B	3638A08784	June 4, 2007	June 4, 2008
Spectrum Analyzer – Display Section	Hewlett Packard	85662A	3701A22279	June 4, 2007	June 4, 2008
Quasi-Peak Adapter	Hewlett Packard	85650A	2430A00424	June 4, 2007	June 4, 2008
EMI Receiver	Rohde & Schwarz	ESIB40	100149	November 15, 2005	Nov. 15, 2007
Monitor	Hewlett Packard	D5258A	TW74500641	N/A	N/A
RF RADIATED EMISSIONS TEST EQUIPMENT					
Preamplifier	Com Power	PA-102	1017	January 16, 2007	Jan. 16, 2008
Biconical Antenna	Com Power	AB-900	15227	March 8, 2007	March 8, 2008
Log Periodic Antenna	Com Power	AL-100	16060	July 9, 2007	July 9, 2008
Loop Antenna	Com Power	AL-130	17089	September 21, 2005	Sept. 21, 2007
Horn Antenna	Antenna Research	DRG-118/A	1053	March 6, 2006	March 6, 2008
Microwave Preamplifier	Com Power	PA-122	181921	Feb. 27, 2007	Feb. 27, 2008
Antenna Mast	Com Power	AM-100	N/A	N/A	N/A
RF CONDUCTED EMISSIONS TEST EQUIPMENT					
Emissions Program	Compatible Electronics	2.3 (SR19)	N/A	N/A	N/A
Transient Limiter	Seaward	252A910	1	September 15, 2006	September 15, 2007
LISN	Com Power	LI-215	12082	September 21, 2006	September 21, 2007
LISN	Com Power	LI-215	12078	September 21, 2006	September 21, 2007

6. TEST SITE DESCRIPTION

6.1 Test Facility Description

Please refer to section 2.1 and 7.1 of this report for EMI test location.

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 1.0 by 1.5 meter non-conductive table 0.8 meters above the ground plane.

The EUT was grounded to the chassis of the computer via the shield of the USB cable.

7. TRANSMITTER DESCRIPTION

The EUT uses Frequency Shift Keying (FSK) and has a data rate of 9 or 40 kbps. The EUT was set for 40 kbps. The emission designator is 1K60F1D. This is based on a 99% bandwidth of 1.60 kHz. The plot for the bandwidth has been uploaded as a separate exhibit.

8. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests. Test results are also included in this section.

8.1 RF Emissions

8.1.1 Conducted Emissions Test

The spectrum analyzer was used as a measuring meter. The data was collected with the spectrum analyzer in the peak detect mode with the "Max Hold" feature activated. The quasi-peak was used only where indicated in the data sheets. A transient limiter was used for the protection of the spectrum analyzer input stage, and the offset was adjusted accordingly to read the actual data measured. The LISN output was measured using the spectrum analyzer. The output of the second LISN was terminated by a 50 ohm termination. The effective measurement bandwidth used for this test was 9 kHz.

Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in EN 55022. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The conducted emissions from the EUT were maximized for operating mode as well as cable placement. The final data was collected under program control by the Compatible Electronics software in several overlapping sweeps by running the spectrum analyzer at a minimum scan rate of 10 seconds per octave. The final qualification data is located in Appendix E.

Test Results:

Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and the limits of CFR Title 47, Part 15, Subpart C, section 15.207.

8.1.2 Radiated Emissions (Spurious and Harmonics) Test

The spectrum analyzer and EMI Receiver were used as a measuring meter along with the quasi-peak adapter. Amplifiers were used to increase the sensitivity of the instrument. The Com Power Preamplifier Model: PA-102 was used for frequencies from 30 MHz to 1 GHz, and the Com-Power Microwave Preamplifier Model: PA-122 was used for frequencies above 1 GHz. The spectrum analyzer and EMI Receiver were used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer or EMI Receiver records the highest measured reading over all the sweeps.

The frequencies above 1 GHz were averaged manually by narrowing the video filter down to 10 Hz and putting the sweep time on AUTO on the EMI Receiver to keep the amplitude reading calibrated.

The measurement bandwidths and transducers used for the radiated emissions test were:

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
9 kHz to 150 kHz	200 Hz	Active Loop Antenna
150 kHz to 30 MHz	9 kHz	Active Loop Antenna
30 MHz to 300 MHz	120 kHz	Biconical Antenna
300 MHz to 1 GHz	120 kHz	Log Periodic Antenna
1 GHz to 9.3 GHz	1 MHz	Horn Antenna

The open field test site of Compatible Electronics, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.4. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Data was collected in the worst case (highest emission) configuration of the EUT. At each reading, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength). The gunsight method was used when measuring with the horn antenna in order to ensure accurate results. The loop antenna was also rotated in the horizontal and vertical axis in order to ensure accurate results.

8.1.3 Radiated Emissions (Spurious and Harmonics) Test (Continued)

The presence of ambient signals was verified by turning the EUT off. In case an ambient signal was detected, the measurement bandwidth was reduced temporarily and verification was made that an additional adjacent peak did not exist. This ensures that the ambient signal does not hide any emissions from the EUT. The EUT was tested at a 3 meter test distance to obtain the final test data. The final qualification data sheets are located in Appendix E.

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and CFR Title 47, Part 15, Subpart C, sections 15.205, 15.209, and 15.249.

9. CONCLUSIONS

The NevoConnect, Model: URC1037 meets all of the **Class B** specification limits defined in CFR Title 47, Part 15, Subpart B for the digital portion; and the limits defined in Subpart C, sections 15.205, 15.207, 15.209, and 15.249 for the transmitter portion.



APPENDIX A***LABORATORY RECOGNITIONS***

LABORATORY RECOGNITIONS

Compatible Electronics has the following agency accreditations:

National Voluntary Laboratory Accreditation Program - Lab Code: 200528-0

Voluntary Control Council for Interference - Registration Numbers: R-983, C-1026, R-984 and C-1027

Bureau of Standards and Metrology Inspection - Reference Number: SL2-IN-E-1031

Conformity Assessment Body for the EMC Directive Under the US/EU MRA Appointed by NIST

Compatible Electronics is recognized or on file with the following agencies:

Federal Communications Commission

Industry Canada

Radio-Frequency Technologies (Competent Body)

APPENDIX B

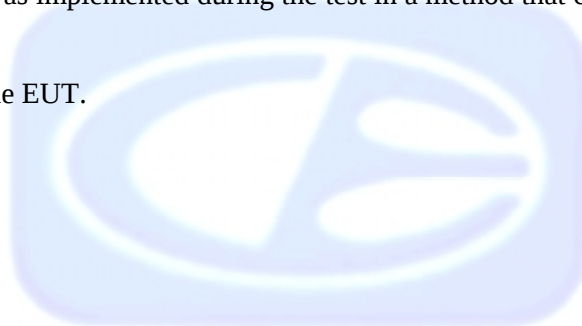
MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.249 or FCC Class B specifications.

All the rework described below was implemented during the test in a method that could be reproduced in all the units by the manufacturer.

No modifications were made to the EUT.





APPENDIX C

***ADDITIONAL MODELS COVERED
UNDER THIS REPORT***

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

NevoConnect
Model: URC1037
S/N: N/A

There were no additional models covered under this report.



APPENDIX D***DIAGRAMS, CHARTS, AND PHOTOS***

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

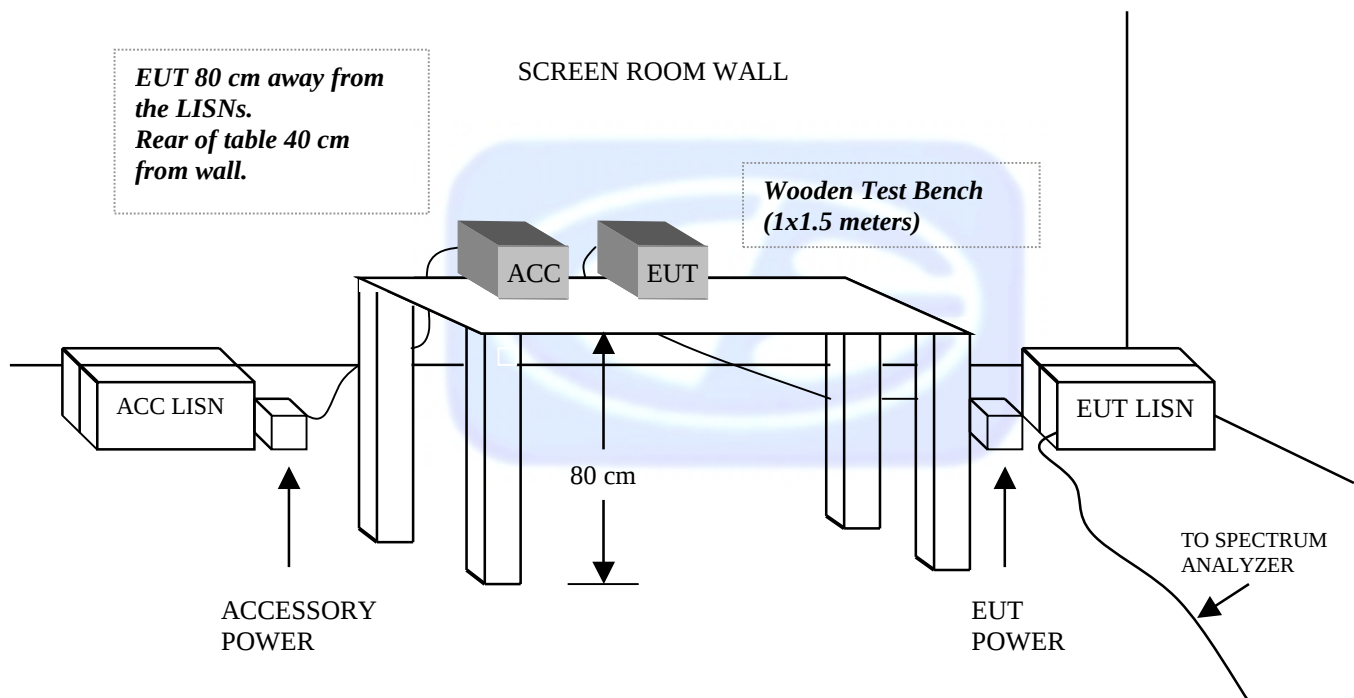
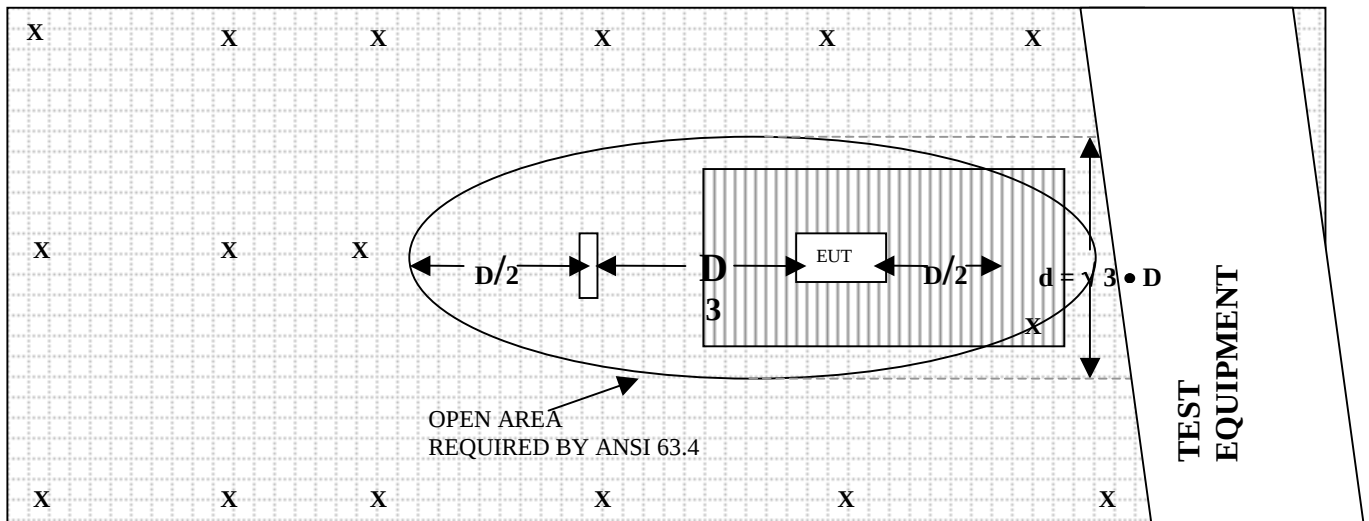


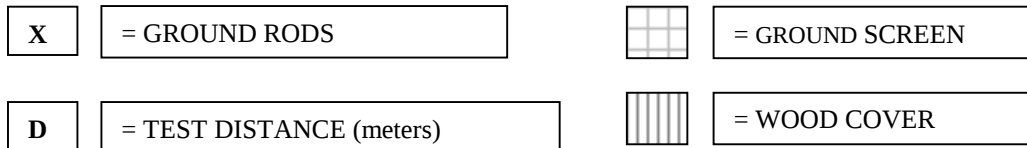
FIGURE 2: PLOT MAP AND LAYOUT OF 3 METER RADIATED SITE

OPEN LAND > 15 METERS

OPEN LAND > 15 METERS



OPEN LAND > 15 METERS



COM-POWER AB-900

BICONICAL ANTENNA

S/N: 15227

CALIBRATION DATE: MARCH 8, 2007

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	12.6	100	12.3
35	10.0	120	14.7
40	9.5	140	13.0
45	9.2	160	13.7
50	9.4	180	16.4
60	7.4	200	17.2
70	6.5	250	14.6
80	7.0	275	19.0
90	8.0	300	22.3

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 16060

CALIBRATION DATE: JULY 9, 2007

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	13.5	700	20.5
400	15.8	800	21.6
500	17.0	900	21.3
600	19.2	1000	22.2

COM-POWER PA-102**PREAMPLIFIER**

S/N: 1017

CALIBRATION DATE: JANUARY 16, 2007

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	38.4	300	38.2
40	38.3	350	38.2
50	38.2	400	38.1
60	38.3	450	37.8
70	38.4	500	37.8
80	38.6	550	38.1
90	38.3	600	37.8
100	38.4	650	37.8
125	38.3	700	37.6
150	38.2	750	37.9
175	38.4	800	37.6
200	38.4	850	37.2
225	38.4	900	37.4
250	38.3	950	37.0
275	38.3	1000	37.2

COM-POWER PA-122**PREAMPLIFIER****S/N: 181921****CALIBRATION DATE: FEBRUARY 27, 2007**

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	36.2	10.0	35.1
1.5	35.4	10.5	34.8
2.0	34.7	11.0	33.5
2.5	34.8	11.5	33.9
3.0	34.8	12.0	34.0
3.5	34.6	12.5	34.4
4.0	34.2	13.0	34.4
4.5	34.1	13.5	34.7
5.0	34.1	14.0	36.0
5.5	34.7	14.5	35.7
6.0	35.6	15.0	36.1
6.5	36.8	15.5	35.6
7.0	36.7	16.0	35.4
7.5	34.9	16.5	35.3
8.0	33.3	17.0	34.9
8.5	33.6	17.5	33.7
9.0	34.6	18.0	33.3
9.5	35.9		

ANTENNA RESEARCH DRG-118/A**HORN ANTENNA**

S/N: 1053

CALIBRATION DATE: MARCH 6, 2006

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	24.46	10.0	39.55
1.5	25.05	10.5	39.86
2.0	28.42	11.0	38.49
2.5	29.91	11.5	40.71
3.0	31.46	12.0	40.59
3.5	31.91	12.5	40.17
4.0	31.55	13.0	39.70
4.5	31.94	13.5	40.84
5.0	32.90	14.0	41.58
5.5	34.07	14.5	45.14
6.0	35.69	15.0	42.20
6.5	33.11	15.5	39.42
7.0	36.51	16.0	38.80
7.5	37.27	16.5	41.08
8.0	37.21	17.0	44.11
8.5	37.16	17.5	46.29
9.0	38.27	18.0	41.61
9.5	39.73		

COM-POWER AL-130**LOOP ANTENNA**

S/N: 17089

CALIBRATION DATE: SEPTEMBER 21, 2005

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-42.84	8.66
0.01	-41.93	9.57
0.02	-41.29	10.21
0.05	-42.37	9.13
0.07	-41.8	9.7
0.1	-41.83	9.67
0.2	-44.13	7.37
0.3	-41.73	9.77
0.5	-41.8	9.7
0.7	-41.53	9.97
1	-41.46	10.04
2	-41.14	10.36
3	-41.26	10.24
4	-41.46	10.04
5	-41.10	10.40
10	-40.83	10.67
15	-41.47	10.03
20	-35.44	16.06
25	-42.37	9.13
30	-42.94	8.56



FRONT VIEW

UNIVERSAL ELECTRONICS, INC.

NevoConnect

MODEL: URC1037

FCC SUBPART B AND C – RADIATED EMISSIONS – LAB B

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



REAR VIEW

UNIVERSAL ELECTRONICS, INC.

NevoConnect

MODEL: URC1037

FCC SUBPART B AND C – RADIATED EMISSIONS – LAB B

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



FRONT VIEW

UNIVERSAL ELECTRONICS, INC.

NevoConnect

MODEL: URC1037

FCC SUBPART B AND C – RADIATED EMISSIONS – LAB D

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



REAR VIEW

UNIVERSAL ELECTRONICS, INC.

NevoConnect

MODEL: URC1037

FCC SUBPART B AND C – RADIATED EMISSIONS – LAB D

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



FRONT VIEW

UNIVERSAL ELECTRONICS, INC.

NevoConnect

MODEL: URC1037

FCC SUBPART B AND C – CONDUCTED EMISSIONS

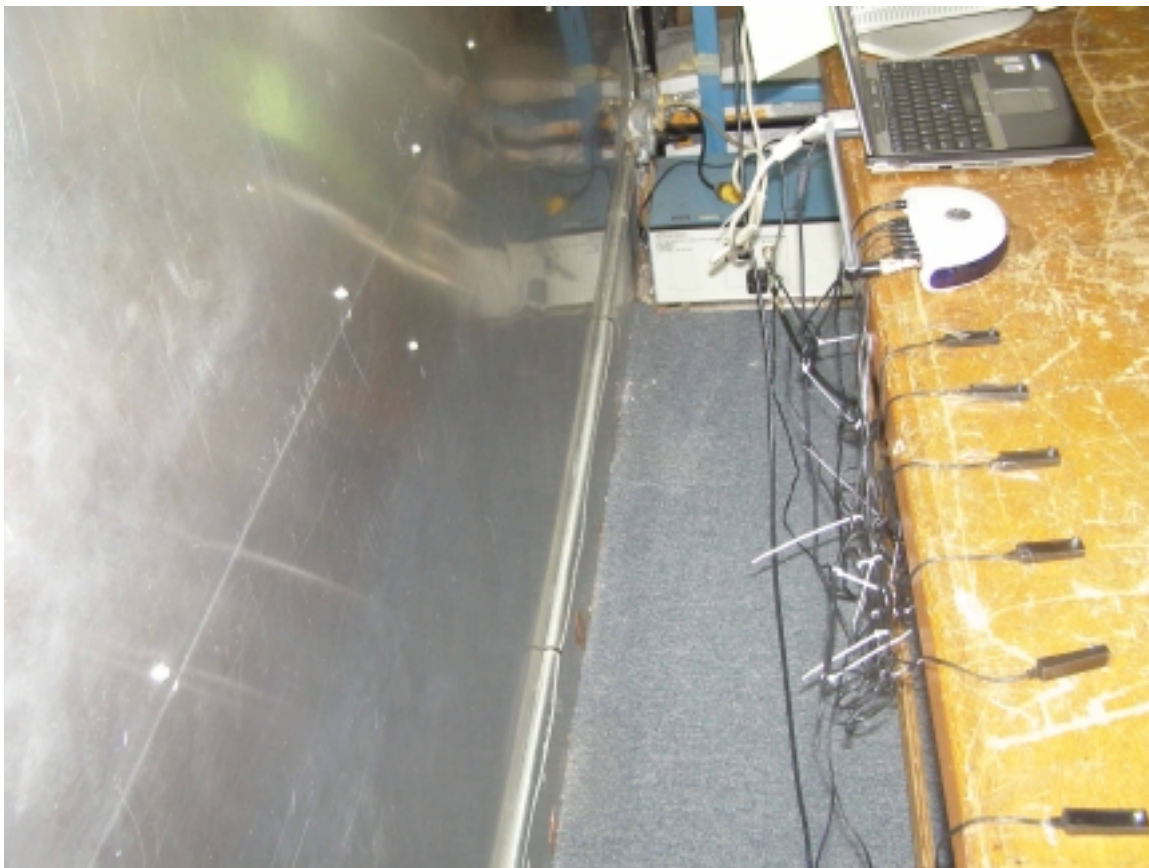
**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



REAR VIEW

UNIVERSAL ELECTRONICS, INC.

NevoConnect

MODEL: URC1037

FCC SUBPART B AND C – CONDUCTED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

FCC 15.249

Universal Electronics, Inc.

NevoConnect

Model: URC1037

Date: 09/07/07

Labs: B and D

Tested By: Kyle Fujimoto

X Axis - Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
908.4	87.95	V	94	-6.05	Peak	1	135	
908.4	87.85	V	94	-6.15	QP	1	135	
1816.8	47.27	V	74	-26.73	Peak	1.97	125	
1816.8	41.24	V	54	-12.76	Avg	1.97	125	
2725.2	50.25	V	74	-23.75	Peak	1.99	125	
2725.2	42.28	V	54	-11.72	Avg	1.99	125	
3633.6	51.27	V	74	-22.73	Peak	1.22	125	
3633.6	41.14	V	54	-12.86	Avg	1.22	125	
4542	49.79	V	74	-24.21	Peak	1.22	45	
4542	36.89	V	54	-17.11	Avg	1.22	45	
5450.4		V	74	-74	Peak			No Emission
5450.4		V	54	-54	Avg			Detected
6358.8		V	74	-74	Peak			No Emission
6358.8		V	54	-54	Avg			Detected
7267.2		V	74	-74	Peak			No Emission
7267.2		V	54	-54	Avg			Detected
8175.6		V	74	-74	Peak			No Emission
8175.6		V	54	-54	Avg			Detected
9084		V	74	-74	Peak			No Emission
9084		V	54	-54	Avg			Detected

FCC 15.249

Universal Electronics, Inc.

NevoConnect

Model: URC1037

Date: 09/07/07

Labs: B and D

Tested By: Kyle Fujimoto

X Axis - Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
908.4	93.85	H	94	-0.15	Peak	1.25	90	
908.4	93.75	H	94	-0.25	QP	1.25	90	
1816.8	45.24	H	74	-28.76	Peak	1.68	125	
1816.8	36.96	H	54	-17.04	Avg	1.68	125	
2725.2	47.85	H	74	-26.15	Peak	2.01	125	
2725.2	35.01	H	54	-18.99	Avg	2.01	125	
3633.6	49.51	H	74	-24.49	Peak	1.52	135	
3633.6	36.13	H	54	-17.87	Avg	1.52	135	
4542	49.04	H	74	-24.96	Peak	1.42	125	
4542	36.43	H	54	-17.57	Avg	1.42	125	
5450.4		H	74	-74	Peak			No Emission
5450.4		H	54	-54	Avg			Detected
6358.8		H	74	-74	Peak			No Emission
6358.8		H	54	-54	Avg			Detected
7267.2		H	74	-74	Peak			No Emission
7267.2		H	54	-54	Avg			Detected
8175.6		H	74	-74	Peak			No Emission
8175.6		H	54	-54	Avg			Detected
9084		H	74	-74	Peak			No Emission
9084		H	54	-54	Avg			Detected

FCC 15.249

Universal Electronics, Inc.

NevoConnect

Model: URC1037

Date: 09/07/07

Labs: B and D

Tested By: Kyle Fujimoto

Y Axis - Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
908.4	93.95	V	94	-0.05	Peak	1	135	
908.4	93.85	V	94	-0.15	QP	1	135	
1816.8	47.37	V	74	-26.63	Peak	1.24	135	
1816.8	40.31	V	54	-13.69	Avg	1.24	135	
2725.2	48.79	V	74	-25.21	Peak	1.42	135	
2725.2	39.82	V	54	-14.18	Avg	1.42	135	
3633.6	49.51	V	74	-24.49	Peak	1.34	125	
3633.6	36.56	V	54	-17.44	Avg	1.34	125	
4542	48.35	V	74	-25.65	Peak	1.35	125	
4542	36.42	V	54	-17.58	Avg	1.35	125	
5450.4		V	74	-74	Peak			No Emission
5450.4		V	54	-54	Avg			Detected
6358.8		V	74	-74	Peak			No Emission
6358.8		V	54	-54	Avg			Detected
7267.2		V	74	-74	Peak			No Emission
7267.2		V	54	-54	Avg			Detected
8175.6		V	74	-74	Peak			No Emission
8175.6		V	54	-54	Avg			Detected
9084		V	74	-74	Peak			No Emission
9084		V	54	-54	Avg			Detected

FCC 15.249

Universal Electronics, Inc.

NevoConnect

Model: URC1037

Date: 09/07/07

Labs: B and D

Tested By: Kyle Fujimoto

Y Axis - Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
908.4	86.55	H	94	-7.45	Peak	1.25	135	
908.4	86.45	H	94	-7.55	QP	1.25	135	
1816.8	45.42	H	74	-28.58	Peak	1.72	125	
1816.8	37.15	H	54	-16.85	Avg	1.72	125	
2725.2	47.41	H	74	-26.59	Peak	1.82	125	
2725.2	34.88	H	54	-19.12	Avg	1.82	125	
3633.6	48.61	H	74	-25.39	Peak	1.83	125	
3633.6	35.91	H	54	-18.09	Avg	1.83	125	
4542	48.91	H	74	-25.09	Peak	1.83	125	
4542	36.43	H	54	-17.57	Avg	1.83	125	
5450.4		H	74	-74	Peak			No Emission
5450.4		H	54	-54	Avg			Detected
6358.8		H	74	-74	Peak			No Emission
6358.8		H	54	-54	Avg			Detected
7267.2		H	74	-74	Peak			No Emission
7267.2		H	54	-54	Avg			Detected
8175.6		H	74	-74	Peak			No Emission
8175.6		H	54	-54	Avg			Detected
9084		H	74	-74	Peak			No Emission
9084		H	54	-54	Avg			Detected

FCC 15.249

Universal Electronics, Inc.

NevoConnect

Model: URC1037

Date: 09/07/07

Labs: B and D

Tested By: Kyle Fujimoto

Z Axis - Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
908.4	91.55	V	94	-2.45	Peak	1	90	
908.4	91.45	V	94	-2.55	QP	1	90	
1816.8	49.85	V	74	-24.15	Peak	1.41	125	
1816.8	45.72	V	54	-8.28	Avg	1.41	125	
2725.2	51.59	V	74	-22.41	Peak	1.26	225	
2725.2	43.68	V	54	-10.32	Avg	1.26	225	
3633.6	49.52	V	74	-24.48	Peak	1.51	180	
3633.6	39.32	V	54	-14.68	Avg	1.51	180	
4542	48.43	V	74	-25.57	Peak	1.52	125	
4542	36.44	V	54	-17.56	Avg	1.52	125	
5450.4		V	74	-74	Peak			No Emission
5450.4		V	54	-54	Avg			Detected
6358.8		V	74	-74	Peak			No Emission
6358.8		V	54	-54	Avg			Detected
7267.2		V	74	-74	Peak			No Emission
7267.2		V	54	-54	Avg			Detected
8175.6		V	74	-74	Peak			No Emission
8175.6		V	54	-54	Avg			Detected
9084		V	74	-74	Peak			No Emission
9084		V	54	-54	Avg			Detected

FCC 15.249

Universal Electronics, Inc.

NevoConnect

Model: URC1037

Date: 09/07/07

Labs: B and D

Tested By: Kyle Fujimoto

Z Axis - Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
908.4	85.85	H	94	-8.15	Peak	1.25	135	
908.4	85.75	H	94	-8.25	QP	1.25	135	
1816.8	45.52	H	74	-28.48	Peak	1.61	225	
1816.8	38.21	H	54	-15.79	Avg	1.61	225	
2725.2	48.31	H	74	-25.69	Peak	1.78	270	
2725.2	40.36	H	54	-13.64	Avg	1.78	270	
3633.6	49.29	H	74	-24.71	Peak	1.79	315	
3633.6	36.92	H	54	-17.08	Avg	1.79	315	
4542	48.86	H	74	-25.14	Peak	1.55	315	
4542	36.48	H	54	-17.52	Avg	1.55	315	
5450.4		H	74	-74	Peak			No Emission
5450.4		H	54	-54	Avg			Detected
6358.8		H	74	-74	Peak			No Emission
6358.8		H	54	-54	Avg			Detected
7267.2		H	74	-74	Peak			No Emission
7267.2		H	54	-54	Avg			Detected
8175.6		H	74	-74	Peak			No Emission
8175.6		H	54	-54	Avg			Detected
9084		H	74	-74	Peak			No Emission
9084		H	54	-54	Avg			Detected

Universal Electronics, Inc.
NevoConnect
Model: URC1037

Date: 09/07/07
Labs: B and D
Tested By: Kyle Fujimoto

Z Axis - Receive Mode (Worst Case)

[illegible]

Universal Electronics, Inc.
NevoConnect
Model: URC1037

Date: 09/07/07
Labs: B and D
Tested By: Kyle Fujimoto

Z Axis - Transmit Mode (Worst Case)

Digital Portion and Non-Harmonic Emissions from the Transmitter 10 kHz to 9300 MHz

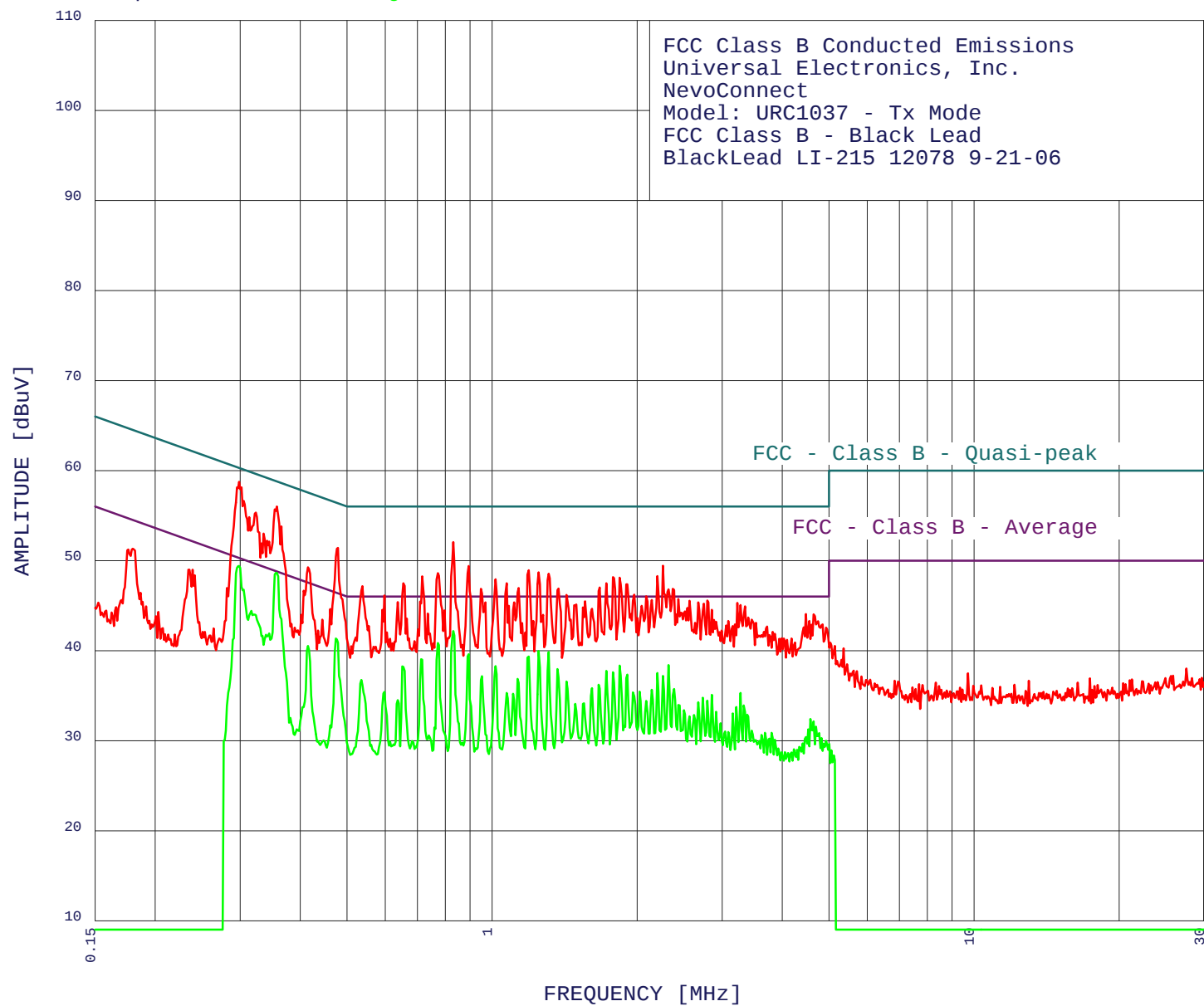
[illegible]

CONDUCTED EMISSIONS

DATA SHEETS

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

9/13/2007 17:41:23




**COMPATIBLE
ELECTRONICS**

9/13/2007

17:41:23

FCC Class B Conducted Emissions

Universal Electronics, Inc.

NevoConnect

Model: URC1037 - Tx Mode

FCC Class B - Black Lead

BlackLead LI-215 12078 9-21-06

TEST ENGINEER : Kyle Fujimoto

50 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.299	58.73	50.28	8.45**
2	0.358	55.99	48.78	7.21**
3	0.831	52.05	46.00	6.05**
4	0.324	55.32	49.62	5.70**
5	0.365	53.78	48.61	5.18**
6	0.479	51.40	46.36	5.04**
7	0.313	54.82	49.88	4.94**
8	0.336	53.01	49.31	3.70**
9	2.262	49.43	46.00	3.43**
10	0.895	49.41	46.00	3.41**
11	0.341	52.20	49.18	3.02**
12	1.191	48.92	46.00	2.92**
13	1.249	48.68	46.00	2.68**
14	0.771	48.59	46.00	2.59**
15	1.311	48.54	46.00	2.54**
16	0.332	51.91	49.39	2.51**
17	2.201	48.27	46.00	2.27**
18	0.716	48.23	46.00	2.23**
19	1.781	48.14	46.00	2.14**
20	1.840	48.11	46.00	2.11**
21	1.016	47.93	46.00	1.93**
22	0.415	49.25	47.55	1.70**
23	1.072	47.49	46.00	1.49**
24	1.726	47.48	46.00	1.48**
25	0.655	47.47	46.00	1.47**
26	1.899	47.37	46.00	1.37**
27	0.538	47.16	46.00	1.16**
28	1.671	47.01	46.00	1.01**
29	1.136	46.95	46.00	0.95**
30	1.374	46.90	46.00	0.90**
31	0.948	46.87	46.00	0.87**
32	2.371	46.86	46.00	0.86**
33	2.322	46.79	46.00	0.79**
34	1.971	46.22	46.00	0.22**
35	1.426	46.17	46.00	0.17**
36	0.598	46.11	46.00	0.11**
37	2.089	46.05	46.00	0.05**
38	2.436	45.71	46.00	-0.29**
39	2.145	45.61	46.00	-0.39**
40	2.796	45.57	46.00	-0.43**
41	2.568	45.53	46.00	-0.47**
42	1.560	45.48	46.00	-0.52**
43	0.637	45.39	46.00	-0.61**
44	1.112	45.37	46.00	-0.63**
45	0.969	45.36	46.00	-0.64**
46	2.679	45.35	46.00	-0.65**
47	3.226	45.29	46.00	-0.71**
48	2.751	45.20	46.00	-0.80**
49	1.496	45.12	46.00	-0.88**
50	3.277	45.05	46.00	-0.95**


**COMPATIBLE
ELECTRONICS**

9/13/2007

17:41:23

FCC Class B Conducted Emissions

Universal Electronics, Inc.

NevoConnect

Model: URC1037 - Tx Mode

FCC Class B - Black Lead

BlackLead LI-215 12078 9-21-06

TEST ENGINEER : Kyle Fujimoto

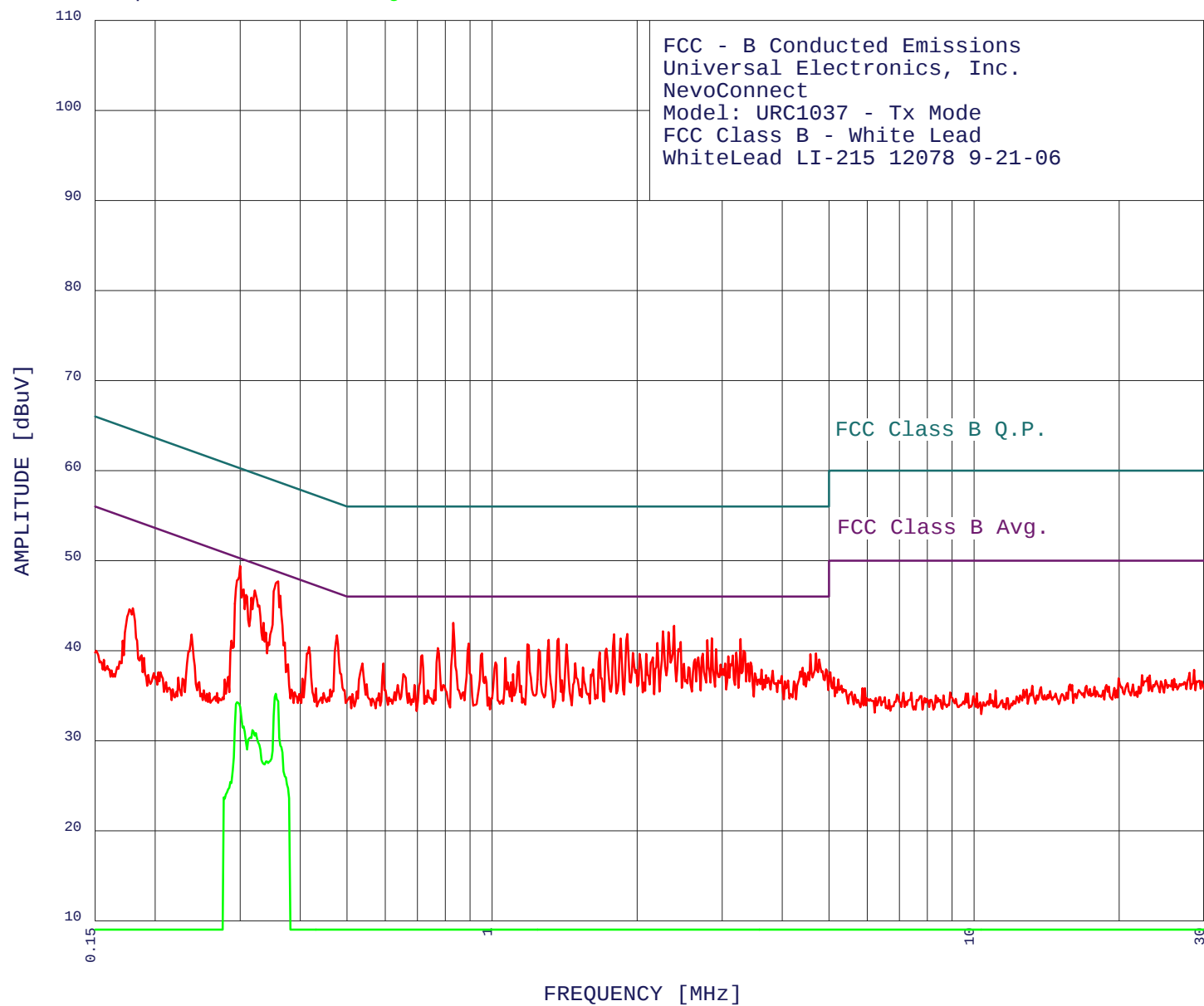
50 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 0.00 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.356	48.64	48.82	-0.18
2	0.299	49.39	50.28	-0.89
3	0.305	46.76	50.10	-3.34
4	0.831	42.18	46.00	-3.82
5	0.474	41.34	46.45	-5.11
6	0.771	40.84	46.00	-5.16
7	0.317	44.41	49.79	-5.38
8	0.322	44.01	49.66	-5.66
9	1.249	39.96	46.00	-6.04
10	1.311	39.83	46.00	-6.17
11	0.895	39.60	46.00	-6.40
12	1.191	39.35	46.00	-6.65
13	0.713	39.04	46.00	-6.96
14	0.415	40.53	47.55	-7.02
15	0.345	41.91	49.09	-7.18
16	0.339	41.75	49.22	-7.47
17	2.322	38.40	46.00	-7.60
18	1.840	38.34	46.00	-7.66
19	0.334	41.64	49.35	-7.71
20	1.016	38.27	46.00	-7.73
21	0.651	38.24	46.00	-7.76
22	1.367	37.95	46.00	-8.05
23	1.726	37.75	46.00	-8.25
24	1.781	37.60	46.00	-8.40
25	2.201	37.51	46.00	-8.49
26	1.908	37.33	46.00	-8.67
27	2.262	37.19	46.00	-8.81
28	0.953	37.17	46.00	-8.83
29	1.130	36.84	46.00	-9.16
30	0.535	36.73	46.00	-9.27
31	1.426	36.58	46.00	-9.42
32	1.663	36.21	46.00	-9.79
33	1.611	35.82	46.00	-10.18
34	2.384	35.74	46.00	-10.26
35	2.145	35.65	46.00	-10.35
36	2.023	35.44	46.00	-10.56
37	0.598	35.41	46.00	-10.59
38	1.960	35.34	46.00	-10.66
39	3.277	35.28	46.00	-10.72
40	1.072	35.28	46.00	-10.72
41	1.106	35.20	46.00	-10.80
42	2.855	35.09	46.00	-10.91
43	2.736	34.76	46.00	-11.24
44	0.637	34.49	46.00	-11.51
45	2.796	34.44	46.00	-11.56
46	2.089	34.41	46.00	-11.59
47	2.679	34.27	46.00	-11.73
48	1.552	34.14	46.00	-11.86
49	1.488	34.08	46.00	-11.92
50	2.436	33.94	46.00	-12.06

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

9/13/2007 18:04:15





9/13/2007

18:04:15

FCC - B Conducted Emissions

Universal Electronics, Inc.

NevoConnect

Model: URC1037 - Tx Mode

FCC Class B - White Lead

WhiteLead LI-215 12078 9-21-06

TEST ENGINEER : Kyle Fujimoto

50 highest peaks above -50.00 dB of FCC Class B Avg. limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.300	49.39	50.23	-0.84**
2	0.360	47.69	48.73	-1.05**
3	0.363	46.09	48.65	-2.56**
4	0.831	43.08	46.00	-2.92
5	0.322	46.69	49.66	-2.97**
6	2.384	42.75	46.00	-3.25
7	0.309	46.19	50.01	-3.82**
8	2.262	42.15	46.00	-3.85
9	0.317	45.89	49.79	-3.90**
10	2.322	42.05	46.00	-3.95
11	1.908	41.83	46.00	-4.17
12	1.790	41.83	46.00	-4.17
13	2.855	41.36	46.00	-4.64
14	1.849	41.33	46.00	-4.67
15	1.374	41.30	46.00	-4.70
16	0.476	41.68	46.40	-4.72
17	3.277	41.27	46.00	-4.73
18	1.311	41.20	46.00	-4.80
19	2.796	41.16	46.00	-4.84
20	2.462	40.95	46.00	-5.05
21	2.201	40.84	46.00	-5.16
22	0.895	40.78	46.00	-5.22
23	1.426	40.71	46.00	-5.29
24	1.184	40.69	46.00	-5.31
25	0.771	40.28	46.00	-5.72
26	1.726	40.22	46.00	-5.78
27	2.916	40.16	46.00	-5.84
28	1.249	40.09	46.00	-5.91
29	3.328	39.97	46.00	-6.03
30	1.671	39.82	46.00	-6.18
31	0.336	43.09	49.31	-6.22**
32	3.209	39.77	46.00	-6.23
33	1.960	39.74	46.00	-6.26
34	4.696	39.70	46.00	-6.30
35	0.953	39.68	46.00	-6.32
36	2.736	39.66	46.00	-6.34
37	2.089	39.64	46.00	-6.36
38	2.023	39.64	46.00	-6.36
39	4.576	39.60	46.00	-6.40
40	0.716	39.48	46.00	-6.52
41	3.158	39.47	46.00	-6.53
42	3.091	39.37	46.00	-6.63
43	2.679	39.26	46.00	-6.74
44	2.156	39.24	46.00	-6.76
45	1.066	39.18	46.00	-6.82
46	2.637	39.05	46.00	-6.95
47	4.774	39.00	46.00	-7.00
48	0.417	40.39	47.50	-7.12
49	1.136	38.79	46.00	-7.21
50	1.016	38.68	46.00	-7.32

**COMPATIBLE
ELECTRONICS**

9/13/2007

18:04:15

FCC - B Conducted Emissions
Universal Electronics, Inc.
NevoConnect

Model: URC1037 - Tx Mode

FCC Class B - White Lead

WhiteLead LI-215 12078 9-21-06

TEST ENGINEER : Kyle Fujimoto

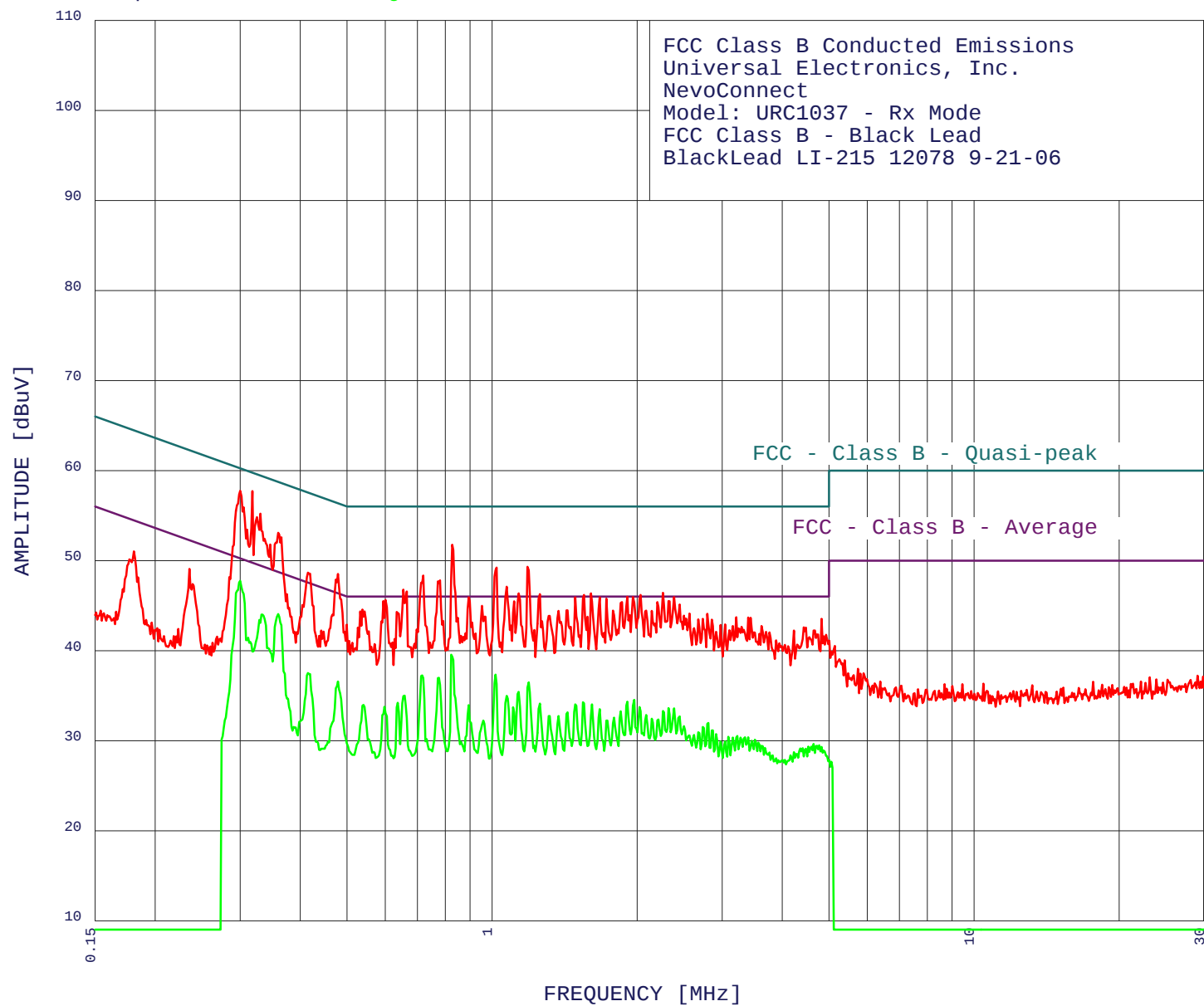
9 highest peaks above -50.00 dB of FCC Class B Avg. limit line

Peak criteria : 0.00 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.356	35.22	48.82	-13.60
2	0.296	34.25	50.36	-16.11
3	0.305	31.58	50.10	-18.52
4	0.318	31.17	49.75	-18.58
5	0.324	30.83	49.62	-18.78
6	0.315	30.35	49.84	-19.48
7	0.339	27.69	49.22	-21.53
8	0.286	25.41	50.63	-25.21
9	0.277	23.69	50.89	-27.20

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

9/13/2007 17:26:14




**COMPATIBLE
ELECTRONICS**

9/13/2007

17:26:14

FCC Class B Conducted Emissions

Universal Electronics, Inc.

NevoConnect

Model: URC1037 - Rx Mode

FCC Class B - Black Lead

BlackLead LI-215 12078 9-21-06

TEST ENGINEER : Kyle Fujimoto

50 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.318	57.72	49.75	7.97**
2	0.300	57.73	50.23	7.50**
3	0.331	55.21	49.44	5.77**
4	0.826	51.76	46.00	5.76**
5	0.325	54.81	49.57	5.24**
6	0.360	53.09	48.73	4.35**
7	1.184	49.32	46.00	3.32**
8	1.021	49.22	46.00	3.22**
9	0.347	51.80	49.04	2.75**
10	0.720	48.33	46.00	2.33**
11	0.479	48.50	46.36	2.14**
12	0.779	47.79	46.00	1.79**
13	0.415	48.65	47.55	1.10**
14	1.072	47.09	46.00	1.09**
15	0.655	46.77	46.00	0.77**
16	0.665	46.57	46.00	0.57**
17	2.262	46.43	46.00	0.43**
18	1.603	46.36	46.00	0.36**
19	1.136	46.35	46.00	0.35**
20	1.256	46.27	46.00	0.27**
21	1.552	46.19	46.00	0.19**
22	2.034	46.18	46.00	0.18**
23	1.908	45.96	46.00	-0.04**
24	2.384	45.95	46.00	-0.05**
25	1.960	45.93	46.00	-0.07**
26	1.488	45.93	46.00	-0.07**
27	1.671	45.91	46.00	-0.09**
28	0.895	45.91	46.00	-0.09**
29	1.726	45.78	46.00	-0.22**
30	0.601	45.61	46.00	-0.39**
31	0.595	45.52	46.00	-0.48**
32	2.322	45.49	46.00	-0.51**
33	1.112	45.47	46.00	-0.53**
34	1.859	45.39	46.00	-0.61**
35	2.201	45.37	46.00	-0.63**
36	2.449	45.11	46.00	-0.89**
37	0.953	44.97	46.00	-1.03**
38	0.538	44.56	46.00	-1.44**
39	1.426	44.47	46.00	-1.53**
40	2.089	44.45	46.00	-1.55**
41	1.781	44.44	46.00	-1.56**
42	2.145	44.41	46.00	-1.59**
43	1.374	44.40	46.00	-1.60**
44	0.532	44.36	46.00	-1.64**
45	0.634	44.29	46.00	-1.71**
46	2.568	44.13	46.00	-1.87**
47	2.796	44.07	46.00	-1.93**
48	2.501	43.87	46.00	-2.13**
49	1.311	43.84	46.00	-2.16**
50	1.577	43.77	46.00	-2.23**


**COMPATIBLE
ELECTRONICS**

9/13/2007

17:26:14

FCC Class B Conducted Emissions

Universal Electronics, Inc.

NevoConnect

Model: URC1037 - Rx Mode

FCC Class B - Black Lead

BlackLead LI-215 12078 9-21-06

TEST ENGINEER : Kyle Fujimoto

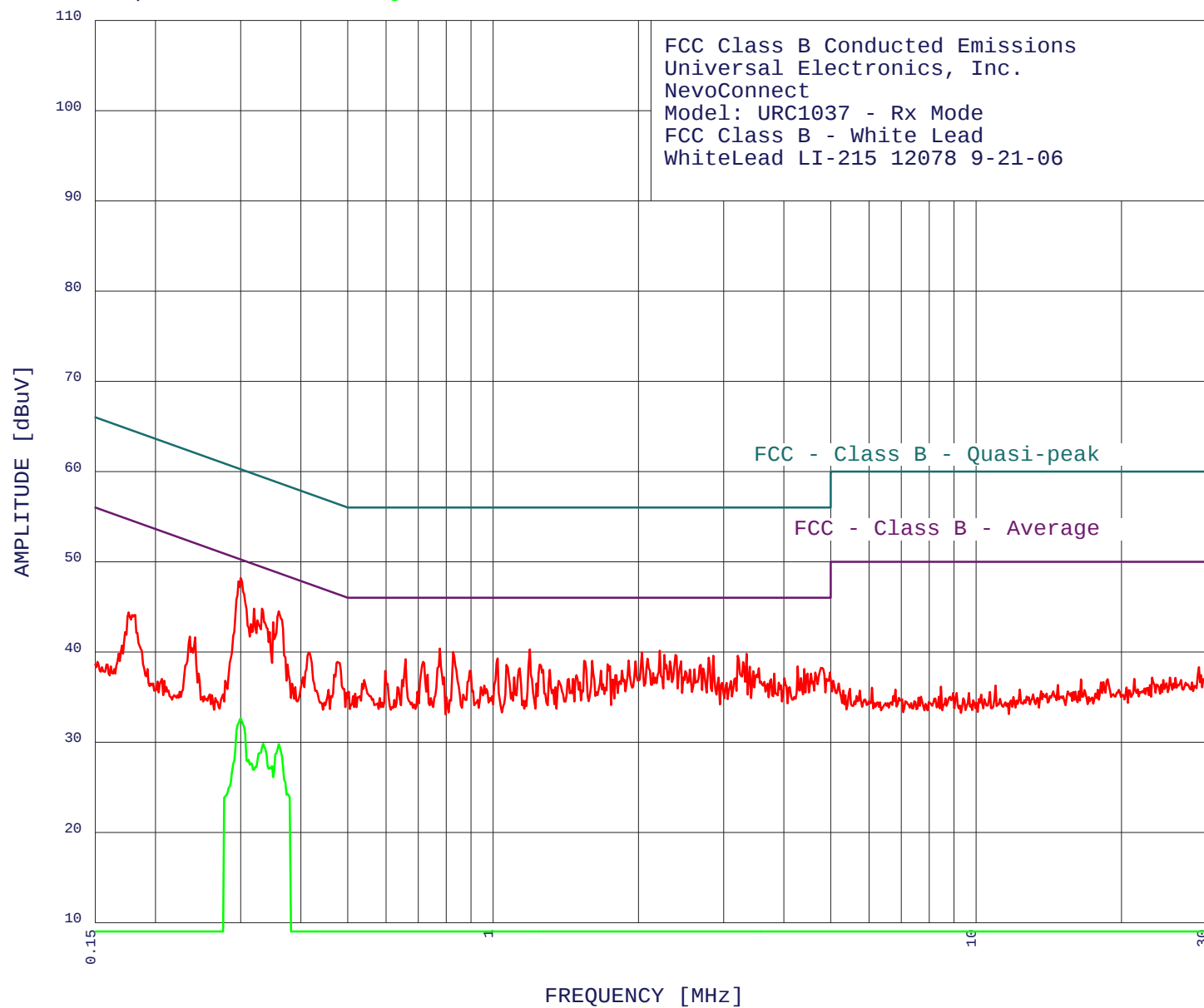
50 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 0.00 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.300	47.75	50.23	-2.48
2	0.360	44.05	48.73	-4.69
3	0.332	44.00	49.39	-5.40
4	0.329	43.40	49.48	-6.08
5	0.822	39.53	46.00	-6.47
6	0.312	41.44	49.92	-8.48
7	1.016	37.34	46.00	-8.66
8	0.716	37.25	46.00	-8.75
9	0.343	40.29	49.13	-8.84
10	0.315	40.97	49.84	-8.86
11	0.775	36.97	46.00	-9.03
12	1.191	36.49	46.00	-9.51
13	0.479	36.57	46.36	-9.79
14	0.415	37.52	47.55	-10.03
15	1.136	35.40	46.00	-10.60
16	0.658	35.00	46.00	-11.00
17	1.072	34.96	46.00	-11.04
18	1.971	34.52	46.00	-11.48
19	1.908	34.33	46.00	-11.67
20	1.544	34.25	46.00	-11.75
21	0.637	34.20	46.00	-11.80
22	1.256	34.11	46.00	-11.89
23	1.488	34.04	46.00	-11.96
24	1.611	34.03	46.00	-11.97
25	0.541	33.95	46.00	-12.05
26	0.895	33.94	46.00	-12.06
27	0.598	33.76	46.00	-12.24
28	2.023	33.74	46.00	-12.26
29	1.106	33.69	46.00	-12.31
30	2.322	33.61	46.00	-12.39
31	2.384	33.60	46.00	-12.40
32	1.671	33.48	46.00	-12.52
33	2.262	33.29	46.00	-12.71
34	1.849	33.26	46.00	-12.74
35	1.434	33.13	46.00	-12.87
36	2.089	32.84	46.00	-13.16
37	1.311	32.72	46.00	-13.28
38	1.374	32.72	46.00	-13.28
39	2.449	32.68	46.00	-13.32
40	1.790	32.54	46.00	-13.46
41	2.145	32.44	46.00	-13.56
42	2.214	32.35	46.00	-13.65
43	1.726	32.24	46.00	-13.76
44	0.958	32.23	46.00	-13.77
45	2.811	31.95	46.00	-14.05
46	2.501	31.60	46.00	-14.40
47	2.736	31.53	46.00	-14.47
48	2.855	31.14	46.00	-14.86
49	2.679	30.94	46.00	-15.06
50	2.055	30.83	46.00	-15.17

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

9/13/2007 17:17:42




**COMPATIBLE
ELECTRONICS**

9/13/2007

17:17:42

FCC Class B Conducted Emissions

Universal Electronics, Inc.

NevoConnect

Model: URC1037 - Rx Mode

FCC Class B - White Lead

WhiteLead LI-215 12078 9-21-06

TEST ENGINEER : Kyle Fujimoto

50 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.300	48.19	50.23	-2.04**
2	0.360	44.49	48.73	-4.25**
3	0.332	44.79	49.39	-4.60**
4	0.320	44.79	49.71	-4.92**
5	0.775	40.38	46.00	-5.62
6	0.350	43.29	48.95	-5.66**
7	1.191	40.29	46.00	-5.71
8	2.214	40.14	46.00	-5.86
9	0.826	39.98	46.00	-6.02
10	2.034	39.94	46.00	-6.06
11	0.325	43.49	49.57	-6.08**
12	3.346	39.77	46.00	-6.23
13	2.384	39.65	46.00	-6.35
14	2.262	39.65	46.00	-6.35
15	3.209	39.57	46.00	-6.43
16	2.855	39.56	46.00	-6.44
17	2.796	39.36	46.00	-6.64
18	1.021	39.28	46.00	-6.72
19	2.089	39.24	46.00	-6.76
20	0.658	39.18	46.00	-6.82
21	0.345	42.19	49.09	-6.90**
22	1.908	39.03	46.00	-6.97
23	1.603	39.02	46.00	-6.98
24	1.544	39.01	46.00	-6.99
25	2.449	38.95	46.00	-7.05
26	2.322	38.95	46.00	-7.05
27	1.971	38.94	46.00	-7.06
28	0.716	38.88	46.00	-7.12
29	3.294	38.87	46.00	-7.13
30	1.726	38.62	46.00	-7.38
31	1.249	38.59	46.00	-7.41
32	1.066	38.58	46.00	-7.42
33	2.693	38.56	46.00	-7.44
34	0.476	38.88	46.40	-7.52
35	4.272	38.39	46.00	-7.61
36	3.401	38.37	46.00	-7.63
37	0.415	39.89	47.55	-7.66
38	4.799	38.21	46.00	-7.79
39	1.136	38.19	46.00	-7.81
40	3.547	38.18	46.00	-7.82
41	2.722	38.16	46.00	-7.84
42	4.408	38.10	46.00	-7.90
43	2.610	38.05	46.00	-7.95
44	2.554	38.05	46.00	-7.95
45	1.311	38.00	46.00	-8.00
46	1.849	37.93	46.00	-8.07
47	1.671	37.92	46.00	-8.08
48	0.598	37.88	46.00	-8.12
49	0.895	37.88	46.00	-8.12
50	3.456	37.87	46.00	-8.13



**COMPATIBLE
ELECTRONICS**

9/13/2007

17:17:42

FCC Class B Conducted Emissions
 Universal Electronics, Inc.
 NevoConnect
 Model: URC1037 - Rx Mode
 FCC Class B - White Lead
 WhiteLead LI-215 12078 9-21-06
 TEST ENGINEER : Kyle Fujimoto

 9 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 0.00 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.300	32.65	50.23	-17.58
2	0.360	29.78	48.73	-18.96
3	0.334	29.81	49.35	-19.54
4	0.348	27.33	49.00	-21.67
5	0.312	28.04	49.92	-21.88
6	0.345	27.19	49.09	-21.90
7	0.315	27.65	49.84	-22.18
8	0.322	27.23	49.66	-22.43
9	0.375	24.30	48.38	-24.08
