FCC PART 15, SUBPART B and C
TEST REPORT

for

INTELLIPAD
MODEL: 34000001-001-RA
FCC ID: TPZ-34000001-001

Prepared for

VUE TECHNOLOGY, INC.
95 ENTERPRISE SUITE 320
ALISO VIEJO, CALIFORNIA 92656

Prepared by:_____

JOEY MADLANGBAYAN

Approved by:_____

JOHN ETHINGTON

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DATE: OCTOBER 30, 2005

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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 or any other agency of the U.S. Government.

Device Tested:	IntelliPad Model Number: 34000001-001-RA S/N: None
Product Description:	Please see operational description.
Modifications:	The EUT was not modified during the testing.
Manufacturer:	Vue Technology, Inc. 95 Enterprise Suite 320 Aliso Viejo, California 92656
Test Dates:	July 14, 18, 22 and 28, 2005
Test Specifications:	EMI requirements CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.207, 15.209, and 15.247
Test Procedure:	ANSI C63.4: 2003

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	Spurious Radiated RF Emissions, 30 MHz – 1000 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 15.205 and 15.209.
3	Spurious Radiated RF Emissions, 10 kHz – 30 MHz and 1000 MHz – 10000 MHz	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and CFR Title 47, Part 15, Subpart C, section 15.247(d).
4	Fundamental and Emissions produced by the intentional radiator in non-restricted bands, 10 kHz – 10 GHz	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247(d)
5	Emissions produced by the intentional radiator in restricted bands, 10 kHz – 10 GHz	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.205, 15.209(a), and section 15.247 (d).
6	20 dB Bandwidth	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247 (a)(1)
7	Peak Power Output	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247(b)(2).
8	RF Conducted Antenna Test	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247 (d).
9	Channel Hopping Separation	This test was not performed because the EUT does not generate the RF signal and the signal source is from an already FCC approved device.
10	Number of Hopping Channels	This test was not performed because the EUT does not generate the RF signal and the signal source is from an already FCC approved device.
11	Average Time of Occupancy	This test was not performed because the EUT does not generate the RF signal and the signal source is from an already FCC approved device.

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the IntelliPad Model Number: 34000001-001-RA. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4: 2003. 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; and Subpart C, sections 15.205, 15.207, 15.209 and 15.247.

Note: For the unintentional radiator portion of the test, the EUT was within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B.

2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Compatible Electronics, 19121 El Toro Road, Silverado, California 92676.

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

Vue Technology, Inc.

Steve Trivelpiece	Director of Hardware
Steve Raynesford	Hardware Engineer

Compatible Electronics, Inc.

Joey Madlangbayan	Test Engineer
Scott McCutchen	Lab Manager

2.4 Date Test Sample was Received

The test sample was received on July 13, 2005.

2.5 Disposition of the Test Sample

The sample has remains at Compatible Electronics as of October 28, 2005.

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
RFID	Radio Frequency Identification

3. APPLICABLE DOCUMENTS

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

SPEC	TITLE
FCC Title 47, Part 15 Subpart C	FCC Rules - Radio frequency devices (including digital devices) – Intentional Radiators
ANSI C63.4 2003	Methods of measurement of radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9 kHz to 40 GHz
FCC Title 47, Part 15 Subpart B	FCC Rules - Radio frequency devices (including digital devices) – Unintentional Radiators
FCC Public Notice – DA 00-705	Filing and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems

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

The EUT was set up in a tabletop configuration while continuously radiating an RF signal coming from an RFID reader device. Meanwhile, the EUT was sending and receiving data to a remotely located laptop & traffic analyzer system. The RFID reader device, a barcode scanner, termination resistors, laptop and traffic analyzer system were all connected to the EUT via the RF coax connector, serial 1(barcode), auxiliary power, GPI/O and Ethernet ports respectively.

- Operation of the EUT during the testing

For the intentional radiator portion of the test – The EUT was directly connected to the spectrum analyzer with the RFID reader transmitting a specific frequency within the range of transmitting operation. A software program was used to control the channel of the RFID Reader.

For the unintentional radiator and conducted emission portion of the test – The EUT was placed on the OATS table while receiving a signal from the RFID reader which was continuously transmitting a signal in channel hopping mode.

For the restricted band emission portion of the test – The EUT was placed on the OATS table and was operating with the RFID reader continuously transmitting a specific signal within the range of transmitting operation.

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

4.1.1 Cable Construction and Termination

Cable 1 This is a 1 meter unshielded cable connecting two of the EUT AUX power ports to each other. It has 1/8 inch DC barrel connectors at both ends.

Cable 2 This is a 1 meter unshielded cable connecting one of the EUT AUX power ports to a terminating resistor. It has a 1/8 inch DC barrel connector at the EUT end and a 100-ohm resistor at the other end.

Cable 3 This is a 1 meter unshielded twisted pair cable connecting one of the EUT Ethernet ports to a terminating resistor network. It has a plastic RJ45 connector at the EUT end and 4 wire 25/100-ohm resistor network at the other end.

Cables 4-5 These are 30 meter unshielded twisted pair cables connecting the EUT Ethernet ports to the remotely located traffic generator/performance analyzer. There is a plastic RJ45 connector at each end of both cables.

Cable 6 This is a 2 meter coiled unshielded cable connecting the EUT GP I/O port to a terminating resistor. It has a plastic RJ9 connector at the EUT end and a 10-ohm resistor at the other end.

Cable 7 This is a 2 meter unshielded cable connecting the EUT power input port to an AC Adapter. It has 1/8 inch DC barrel connector at the EUT end along with a molded ferrite and it is hardwired into the AC Adapter.

Cable 8 This is a 2 meter foil shielded cable connecting the EUT accessory port to a Barcode Reader. There is a DB9 connector at the EUT end and it is hardwired into the Barcode reader. The shield of the cable was grounded to the chassis via the connector. The cable was bundled to a length of 1 meter.

Cable 9 This is a 3 meter braid shielded coax cable connecting the EUT RF input port to the RFID Reader device. There is a 1.0/2.3mm coax type connector at both ends of the cable. The shield of the cable was grounded to the chassis via the connectors.

Cable 10 This is a 30 meter unshielded twisted pair cable connecting one of the EUT Ethernet ports to the remotely located Ethernet Hub. There is a plastic RJ45 connector at both ends of the cable.

Remotely located equipment

Cable 11 This is a 30 meter unshielded twisted pair cable connecting the RFID Reader unit to the remotely located Ethernet Hub. There is a plastic RJ45 connector at both ends of the cable.

Cable 12 This is a 3 meter unshielded twisted pair cable connecting the Hub to the remotely located Laptop computer. There is a plastic RJ45 connector at both ends of the cable.

Cable 13 This is a 2 meter braid and foil shielded cable connecting the Monitor to the Traffic Generator/Performance Analyzer. There is an HD15 connector along with a molded ferrite at both ends of the cable. The shield of the cable was grounded to the chassis via the connector.

Cable 14 This is a 2 meter foil shielded cable connecting the Keyboard to the Traffic Generator/Performance Analyzer. The cable is hardwired to the keyboard and has a 6 pin mini DIN connector at the Traffic Generator/Performance Analyzer end. The shield of the cable was grounded to the chassis via the connector.

Cable 15 This is a 2 meter foil shielded cable connecting the Mouse to the Traffic Generator/Performance Analyzer. The cable is hardwired to the Mouse and has a 6 pin mini DIN connector at the Traffic Generator/Performance Analyzer end. The shield of the cable was grounded to the chassis via the connector.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
INTELLIPAD (EUT)	VUE TECHNOLOGY, INC.	34000001-001-RA	NONE	TPZ-34000001-001
AC ADAPTER	AULT	PW122	NONE	**N/A**
RFID READER	SYMBOL	XR400	NONE	**H9PRD11320**
BARCODE READER	SYMBOL	PN: LS2208-SR20001	M5JOCP	**N/A**
TRAFFIC GENERATOR/ PERFORMANCE ANALYZER	IXIA	400T	0351310	**N/A**
MONITOR	SAMSUNG	710N	MJ17HCJY313955N	**N/A**
KEYBOARD	KEYTRONIC	K280W	W030Y197679	**N/A**
MOUSE	MICROSOFT	PN: X08-71118+	5915393-5	**N/A**
WORKGROUP HUB	LINKSYS	EFAH08W VER. 3	RA93044000529 EH1050 PP	**N/A**
LAPTOP	TOSHIBA	5105-5501	72027926P	**N/A**
MOUSE	MICROSOFT	PN: X08-71118	56180-576-4957541-70441	**N/A**

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. DUE DATE
Analyzer Spectrum – RF Section	Hewlett Packard	8566B	2637A03816	2/2/05	2/2/06
Analyzer Spectrum – Display Section	Hewlett Packard	85662A	2648A13730	2/2/05	2/2/06
Analyzer Spectrum - Quasi-Peak Adapter	Hewlett Packard	85650A	2430A00530	2/2/05	2/2/06
Antenna, Active Loop	Com Power	AL-130	17089	9/3/04	9/3/05
Antenna, Biconical	Com Power	AB-100	14022	3/11/05	3/11/06
Antenna, Log Periodic	Com Power	AL-100	16016	4/4/05	4/4/06
Antenna ,Horn	Com-Power	AH-118	1319	5/14/04	5/14/06
Transient Limiter	Com Power	Hz-560	N/A	4/7/05	4/7/06
Computer Test Station	Hewlett Packard	Pavilion 4530	US91925466	N.C.R.	N/A
Generator Comb - Radiated	Com Power	CG-520	25164	N.C.R.	N/A
Hygrometer	Abbeon	HTAB169B	N/A	N.C.R.	N/A
Keyboard Test Station	Hewlett Packard	5183-7399	B91617825	N.C.R.	N/A
LISN EUT Side	Com Power	LI-215	12079	5/12/05	5/12/06
LISN Accessory Side	Com Power	LI-215	12073	5/12/05	5/12/06
Mast Antenna	Com Power	AM-400	N/A	N.C.R.	N/A
Monitor Test Station	Sony	CPD-100ES	7862A008	N.C.R.	N/A
Mouse Test Station	Hewlett Packard	M-S34	LZC911S8069	N.C.R.	N/A
Preamplifier	Com Power	PA-103	1541	1/22/05	1/22/06
Preamplifier	Com Power	PA-122	25196	3/3/05	3/3/06
Printer Test Station	Hewlett Packard	DeskJet 697C	US9341D07G	N.C.R.	N/A

5.4 EMI/EMC Measurement and Control Software Information

LAB(S)	SOFTWARE TITLE	MANUFACTURER	VERSION
H & J	Compatible Electronics Data Capture Program	Compatible Electronics	3.1
H & J	Compatible Electronics Emissions Program	Compatible Electronics	2.3 (SR21)

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 via the coax cables.

7. CHARACTERISTICS OF THE TRANSMITTER

7.1 Transmitter Power

Transmit power is herein defined as the power delivered to a 50 ohm load at the RF output of the EUT.

Power	Channel	Accuracy
27.3 dBm	LOW	+2/-2 dB
27.8 dBm	MIDDLE	+2/-2 dB
26.8 dBm	HIGH	+2/-2 dB

7.2 Channel Number and Frequencies

This test was not performed because the EUT does not generate the RF signal and the signal source is from a device already FCC approved device.

7.3 Antenna Gain

The antenna gain is 4.1 dBi.

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. A quasi-peak and/or average reading was taken only where indicated in the data sheets. A 10 dB attenuation pad 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 connected to a EMI filter which was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in ANSI C63.4: 2003. 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 conducted emissions 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:

The EUT 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 for conducted emissions.

8.1.2 Radiated Emissions (Spurious and Harmonics) Test

The spectrum analyzer was used as a measuring meter along with the quasi-peak adapter. Amplifiers were used to increase the sensitivity of the instrument. The spectrum analyzer was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer records the highest measured reading over all the sweeps.

A quasi-peak and/or average reading was taken only for those readings which are marked accordingly on the data sheets.

The frequencies above 1 GHz when needed was averaged manually by narrowing the video filter down to 10 Hz and putting the sweep time on AUTO on the spectrum analyzer to keep the amplitude reading calibrated.

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

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
10 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 10 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: 2003. 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 by the Radiated Emission Manual Test software. 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.

Radiated Emissions (Spurious and Harmonics) Test (con't)

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 from 10 kHz to 10 GHz to obtain the final test data.

Test Results:

The EUT 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, Sections 15.209 and 15.247 for radiated emissions.

8.3 20 dB Bandwidth

The 20 dB Bandwidth was measured using the spectrum analyzer. The bandwidth was measured using a direct connection from the RF out on the EUT. The resolution and video bandwidths were >= 1% of the 20 dB bandwidth.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (a)(1)(i). The 20 dB bandwidth is less than the separation between channels. Please see the data sheets located in Appendix E.

8.4 Peak Output Power

The Peak Output Power was measured using the spectrum analyzer. The EUT was directly connected to the spectrum analyzer. The Peak Output Power was then measured.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (b)(1). The maximum peak output power is less than 1 watt. Please see the results in section 7.1 of this test report.

8.5 RF Antenna Conducted Test

The RF antenna conducted test was performed using the spectrum analyzer. The RF antenna conducted test measured using a direct connection from the RF out on the EUT into the input of the Spectrum Analyzer. The resolution bandwidth was 100 kHz, and the video bandwidth was 100 kHz. The spans were wide enough to include all the harmonics and emissions that were produced by the intentional radiator.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (c). The RF power that is produced by the intentional radiator is at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of desired power. Please see the radiated emission data sheets located in Appendix E.

8.6 RF Band Edges

The RF band edges were taken at the edges of the spectrum (902 MHz when the EUT was on the low channel and 928 MHz when the EUT was on the high channel) using the spectrum analyzer. The 100 kHz bandwidth outside the frequency band was at least 20 dB below from the spectrum analyzer to the spec limit.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (c). The RF power at the band edges at 902 MHz and 928 MHz meet the limits of section 15.209. Please see the data sheets located in Appendix E.

8.7 Carrier Frequency Separation

The Channel Hopping Separation Test was measured using the spectrum analyzer. The EUT was operating in its normal operating mode. The resolution bandwidth was 100 kHz, and the video bandwidth 100 kHz. The frequency span was wide enough to include the peaks of two adjacent channels.

Test Results:

This test was not performed because the EUT does not generate the RF signal and the signal source is from an already FCC approved device.

8.8 Number of Hopping Frequencies

The Channel Hopping Separation Test was measured using the spectrum analyzer. The EUT was operating in its normal operating mode. The resolution bandwidth was 1 MHz, and the video bandwidth 1 MHz. The frequency span was wide enough to include all of the peaks in the frequency band of operation.

Test Results:

This test was not performed because the EUT does not generate the RF signal and the signal source is from an already FCC approved device.

8.9 Average Time of Occupancy Test

The Average Time of Occupancy Test was measured using the spectrum analyzer. The EUT was operating in normal operating mode. The frequency span was taken to 0 Hz with a sweep time of 500 msec to determine the time for each transmission. The EUT was tested in channel hopping mode.

The dwell time for one frequency was 64 msec. In a 10 second period, the number of frequency transmissions that appear are 4. Therefore, if you multiply the dwell time for one frequency transmission with the number of transmissions in a 10 second period, you should have the time of occupancy in a 10 second period.

Test Results:

This test was not performed because the EUT does not generate the RF signal and the signal source is from an already FCC approved device.

9. TEST PROCEDURE DEVIATIONS

The test procedures were not deviated from the specifications.

10. CONCLUSIONS

The IntelliPad Model Number: 34000001-001-RA meets all of the specification limits defined in FCC Title 47, Part 15, Subpart C, sections 15.205, 15.207, 15.209 and 15.247.

Note: For the unintentional radiator portion of the test, the EUT was within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B.

APPENDIX A

LABORATORY ACCREDITATIONS & RECOGNITIONS

LABORATORY ACCREDITATIONS AND RECOGNITIONS

NVLAP CODES 200063-0, 200528-0, 200527-0

For US, Canada, Australia/New Zealand, Taiwan and the European Union, Compatible Electronics is currently accredited by NVLAP to ISO/IEC 17025 an ISO 9002 equivilent. Please follow the link to the NIST site for each of our facilities NVLAP certificate and scope of accreditation.

Silverado/Lake Forest Division: http://ts.nist.gov/ts/htdocs/210/214/scopes/2005270.htm
Brea Division: http://ts.nist.gov/ts/htdocs/210/214/scopes/2005280.htm
Agoura Division: http://ts.nist.gov/ts/htdocs/210/214/scopes/2000630.htm

Compatible Electronics has been accredited by ANSI and appointed by the FCC to serve as a Telecommunications Certification Body (TCB). Compatible Electronics ANSI TCB listing can be found at: http://www.ansi.org/public/ca/ansi_cp.html

Compatible Electronics has been nominated as a Conformity Assessment Body (CAB) for EMC under the US/EU Mutual Recognition Agreement (MRA). Compatible Electronics NIST US/EU CAB listing can be found at: http://ts.nist.gov/ts/htdocs/210/gsig/emc-cabs-mar02.pdf

Compatible Electronics has been nominated as a Conformity Assessment Body (CAB) for Taiwan/BSMI under the US/APEC (Asia-Pacific Economic Cooperation) Mutual Recognition Agreement (MRA). Compatible Electronics NIST US/APEC CAB listing can be found at: http://ts.nist.gov/ts/htdocs/210/gsig/apec/bsmi-cabs-may02.pdf

World Wide Market Access with Nemko

Compatible Electronics has been validated by NEMKO against ISO/IEC 17025 under the NEMKO EMC Laboratory Authorization (ELA) program to all EN standards required by the European Union (EU) EMC Directive 89/336/EEC. Please follow the link to the Compatible Electronics' web site for each of our facilities NEMKO ELA certificate and scope of accreditation. http://www.celectronics.com/certs.htm

We are also certified/listed for IT products by the following country/agency:

Compatible Electronics VCCI listing can be found at:
http://www.vcci.or.jp/vcci_e/member/tekigo/setsubi_index_id.html
Just type "Compatible Electronics" into the Keyword search box.

Compatible Electronics FCC listing can be found at:
https://gullfoss2.fcc.gov/prod/oet/index_ie.html

Just type "Compatible Electronics" into the Test Firms search box.

Industry Canada Industrie Canada

Compatible Electronics IC listing can be found at:
http://spectrum.ic.gc.ca/~cert/labs/oats_lab_c_e.html

APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.247 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 during the testing.

APPENDIX C

ADDITIONAL MODELS COVERED UNDER THIS REPORT

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

IntelliPad
Model Number: 34000001-001-RA
S/N: None

There were no additional models covered under this report.

APPENDIX D

DIAGRAMS, CHARTS AND PHOTOS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

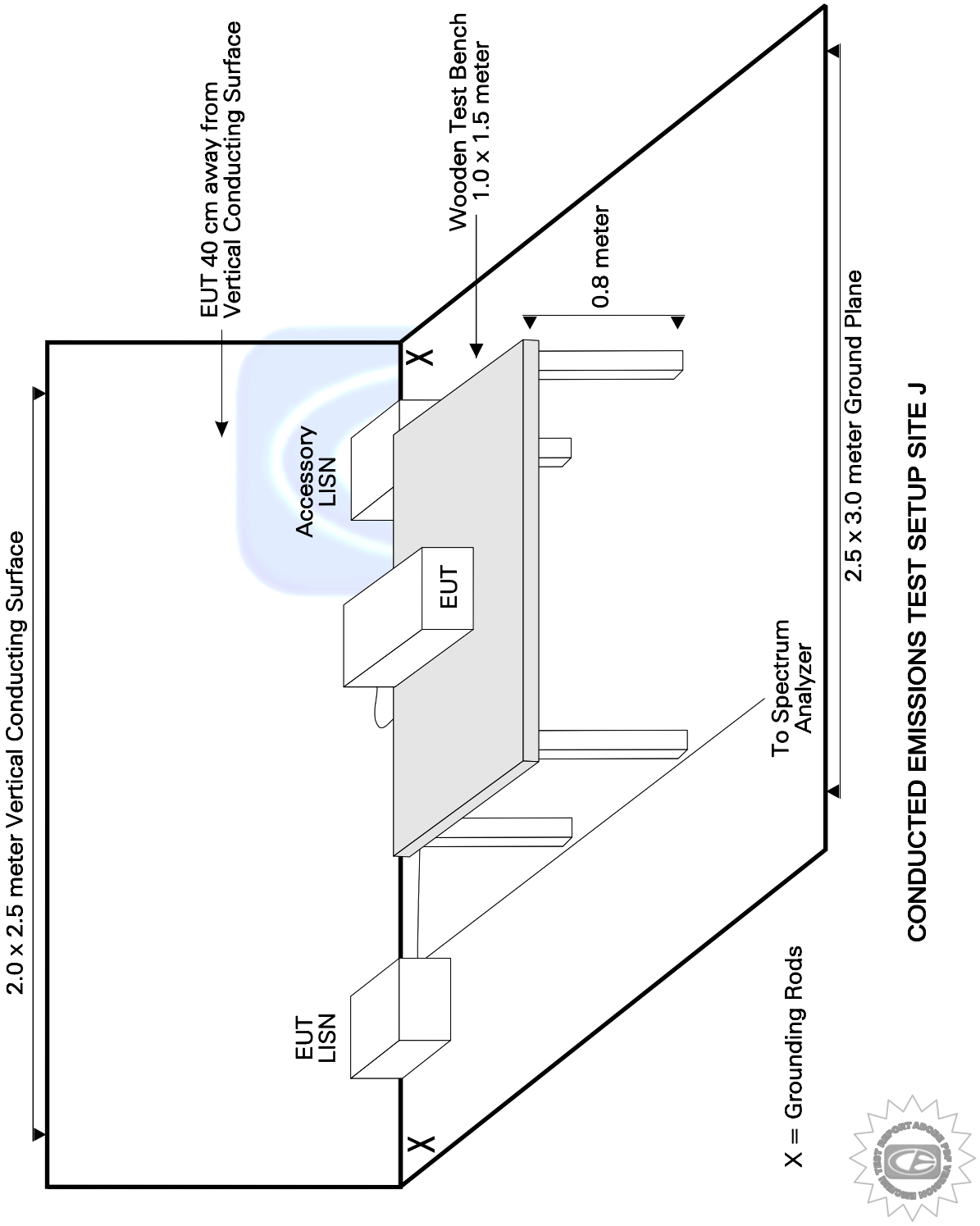
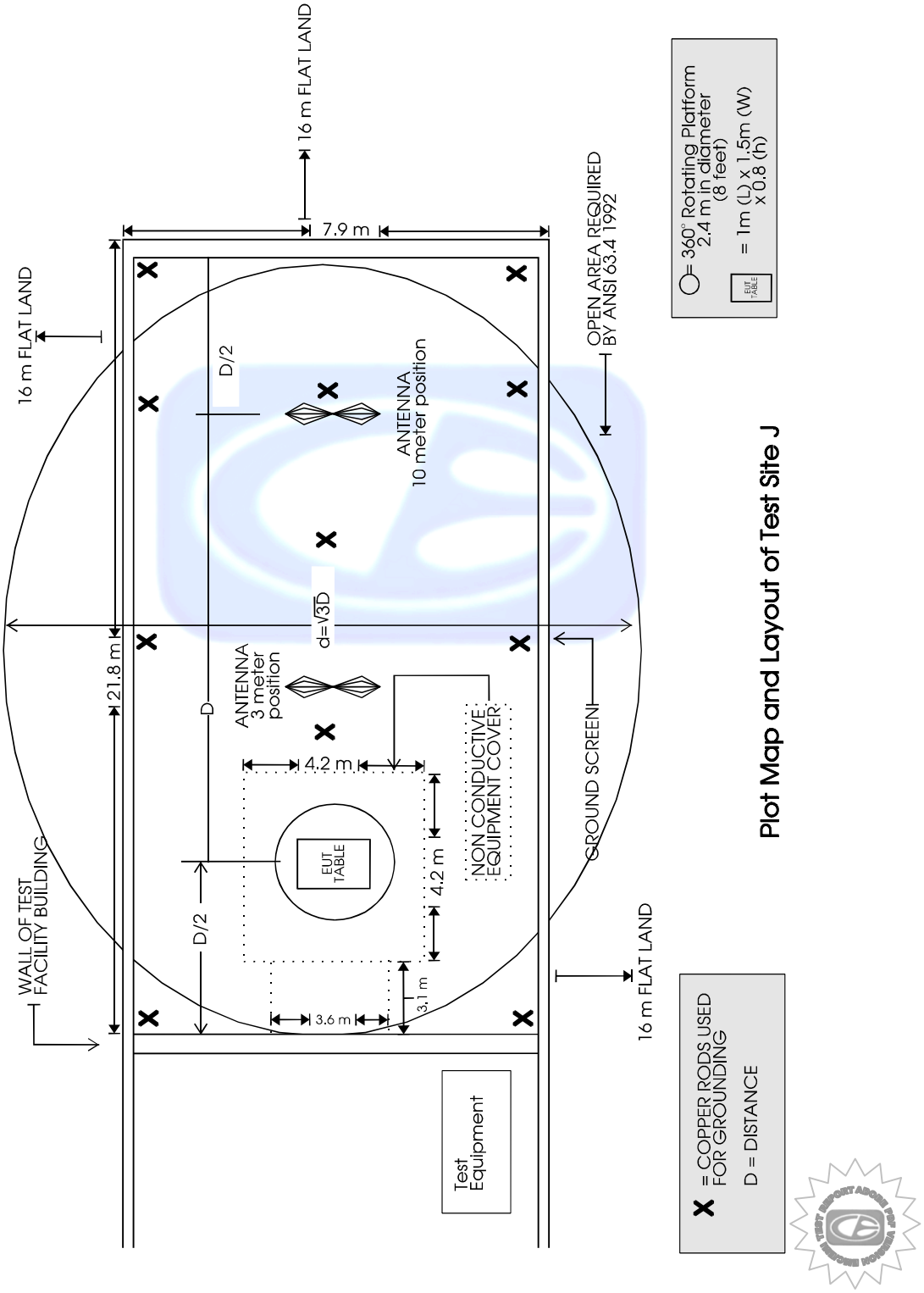


FIGURE 2: PLOT MAP AND LAYOUT OF RADIATED SITE



COM-POWER AL-130

LAB H – LOOP ANTENNA (E-FIELD)

S/N: 17089

CALIBRATION DATE: SEPTEMBER 3, 2004

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
0.009	10.7	1.0	10.5
0.01	10.6	2.0	10.9
0.02	9.7	3.0	10.7
0.03	11.3	4.0	10.5
0.04	11.0	5.0	11.1
0.05	9.5	6.0	11.3
0.06	10.2	7.0	10.8
0.07	10.0	8.0	10.8
0.08	9.7	9.0	11.2
0.09	9.8	10.0	10.8
0.1	9.8	12.0	10.4
0.2	7.4	14.0	10.1
0.3	9.9	15.0	9.9
0.4	9.9	16.0	10.0
0.5	10.0	18.0	10.1
0.6	10.5	20.0	10.2
0.7	10.1	25.0	8.5
0.8	10.1	30.0	8.9
0.9	10.5	-	-

COM-POWER AB-100

LAB J - BICONICAL ANTENNA

S/N: 14022

CALIBRATION DATE: MARCH 11, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30.0	9.9	120.0	10.7
35.0	13.0	125.0	10.4
40.0	13.0	140.0	11.9
45.0	11.6	150.0	12.4
50.0	11.4	160.0	12.8
60.0	10.9	175.0	13.6
70.0	9.5	180.0	12.7
80.0	9.2	200.0	14.4
90.0	8.0	250.0	17.5
100.0	10.7	300.0	19.2

COM-POWER AL-100

LAB J - LOG PERIODIC ANTENNA

S/N: 16016

CALIBRATION DATE: APRIL 4, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	13.3	350	15.1
400	18.1	450	16.0
500	16.9	550	15.7
600	18.7	650	17.9
700	18.8	750	18.9
800	20.8	850	19.9
900	20.5	950	22.6
1000	24.1	-	-

COM-POWER AL-118

LAB J - HORN ANTENNA

S/N: 01319

CALIBRATION DATE: MAY 14, 2004

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
1000	24.74	10000	39.63
1500	25.39	10500	40.07
2000	27.90	11000	40.60
2500	28.44	11500	41.90
3000	30.01	12000	41.09
3500	30.61	12500	41.49
4000	30.72	13000	40.68
4500	31.22	13500	41.05
5000	33.03	14000	42.03
6000	33.84	14500	45.60
6500	34.70	15000	40.35
7000	36.51	15500	40.19
7500	37.61	16000	39.83
8000	37.63	16500	40.65
8500	38.12	17000	44.76
9000	38.33	17500	47.21
9500	39.54	18000	42.59

COM-POWER PA-103

LAB J - PREAMPLIFIER

S/N: 1541

CALIBRATION DATE: JANUARY 22, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	30.9	300	30.6
40	31.1	350	30.6
50	31.4	400	30.6
60	31.5	450	30.7
70	30.9	500	30.3
80	30.5	550	30.4
90	29.3	600	30.2
100	26.8	650	30.1
125	28.7	700	29.5
150	30.3	750	30.1
175	30.7	800	29.8
200	31.0	850	29.3
225	30.8	900	29.4
250	31.0	950	29.8
275	30.9	1000	29.3

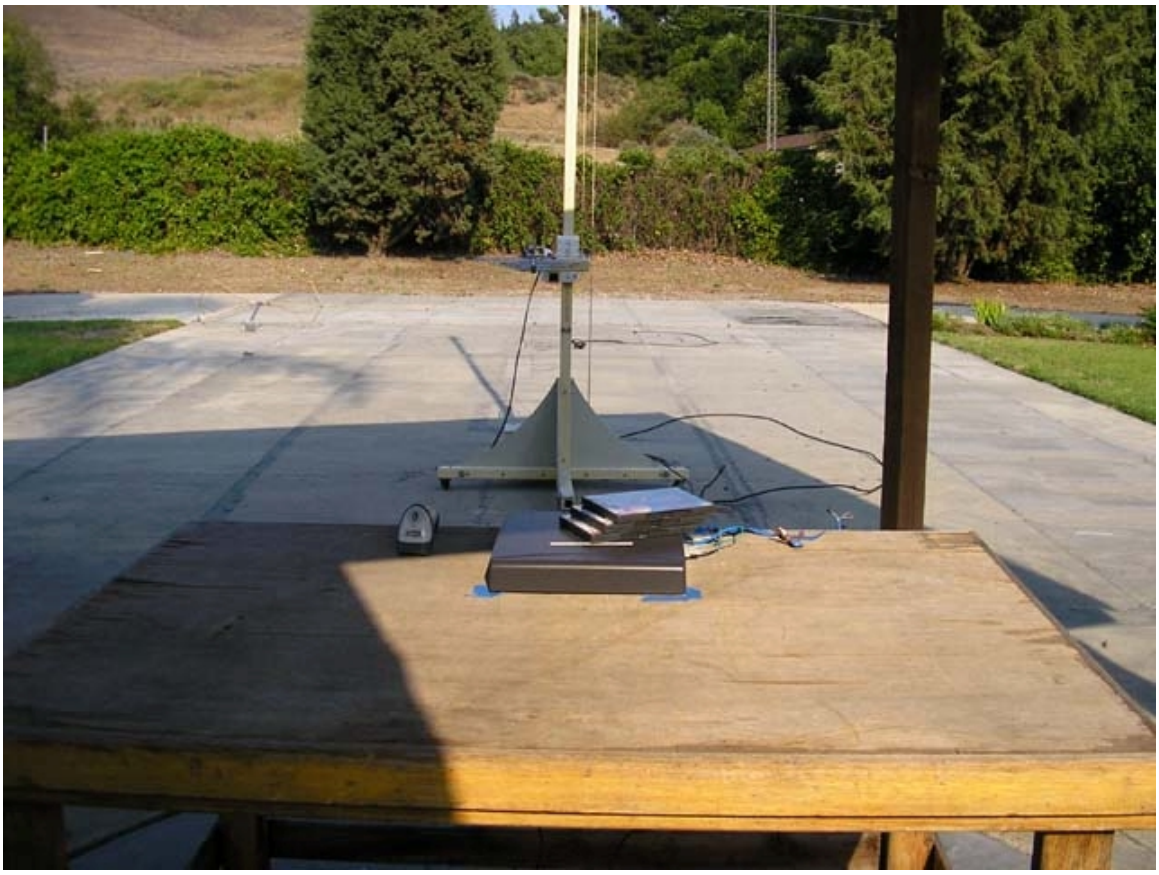
COM-POWER PA-122

LAB J – HI-FREQUENCY PREAMPLIFIER

S/N: 25196

CALIBRATION DATE: MARCH 3, 2005

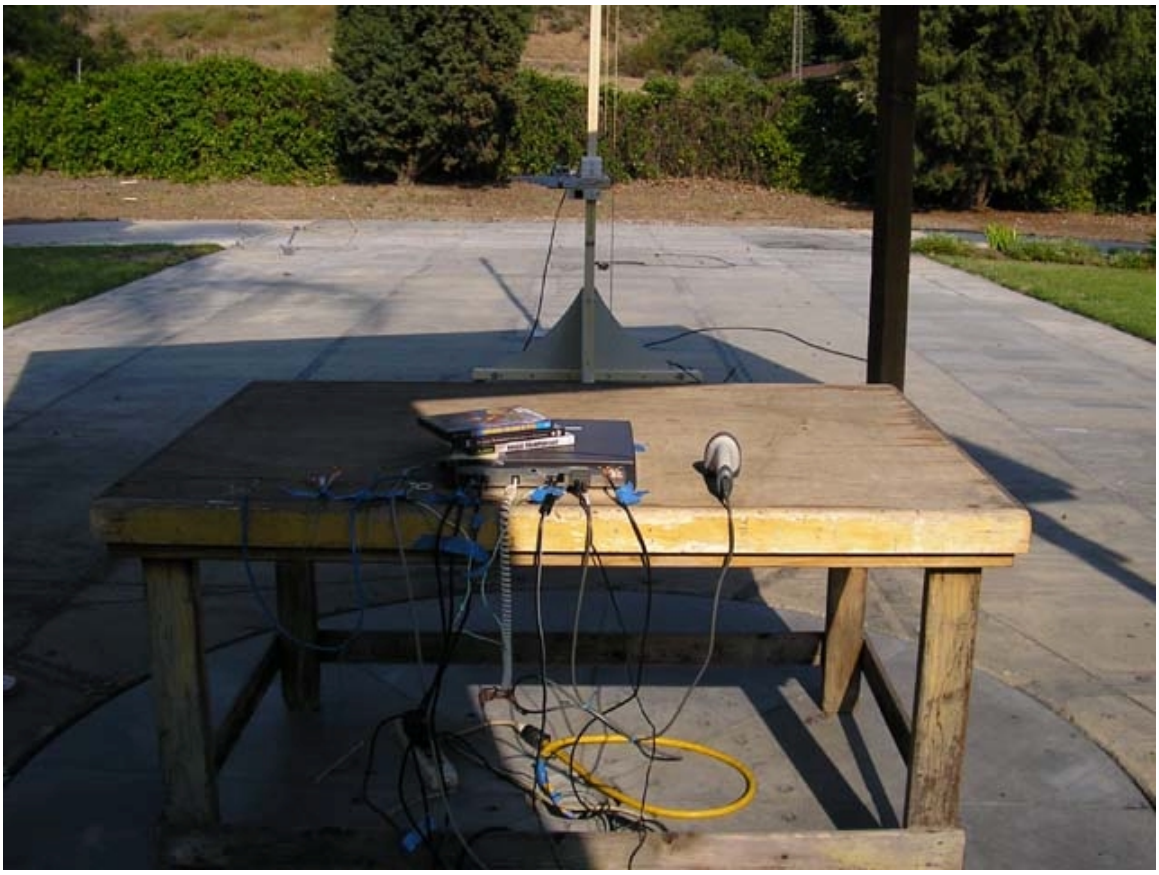
FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
1000	33.2	6000	27.7
1100	32.1	6500	28.1
1200	32.0	7000	28.4
1300	31.9	7500	28.4
1400	31.8	8000	28.2
1500	31.7	8500	28.2
1600	31.5	9000	28.7
1700	31.2	9500	27.9
1800	31.0	10000	27.3
1900	30.8	11000	27.2
2000	30.8	12000	29.3
2500	30.1	13000	28.7
3000	29.9	14000	28.8
3500	29.4	15000	29.1
4000	28.7	16000	27.6
4500	28.3	17000	25.7
5000	27.9	18000	24.3
5500	27.4		



FRONT VIEW

VUE TECHNOLOGY, INC.
INTELLIPAD
MODEL NUMBER: 34000001-001-RA
FCC SUBPART B AND C - RADIATED EMISSIONS – 07-14-05

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



REAR VIEW

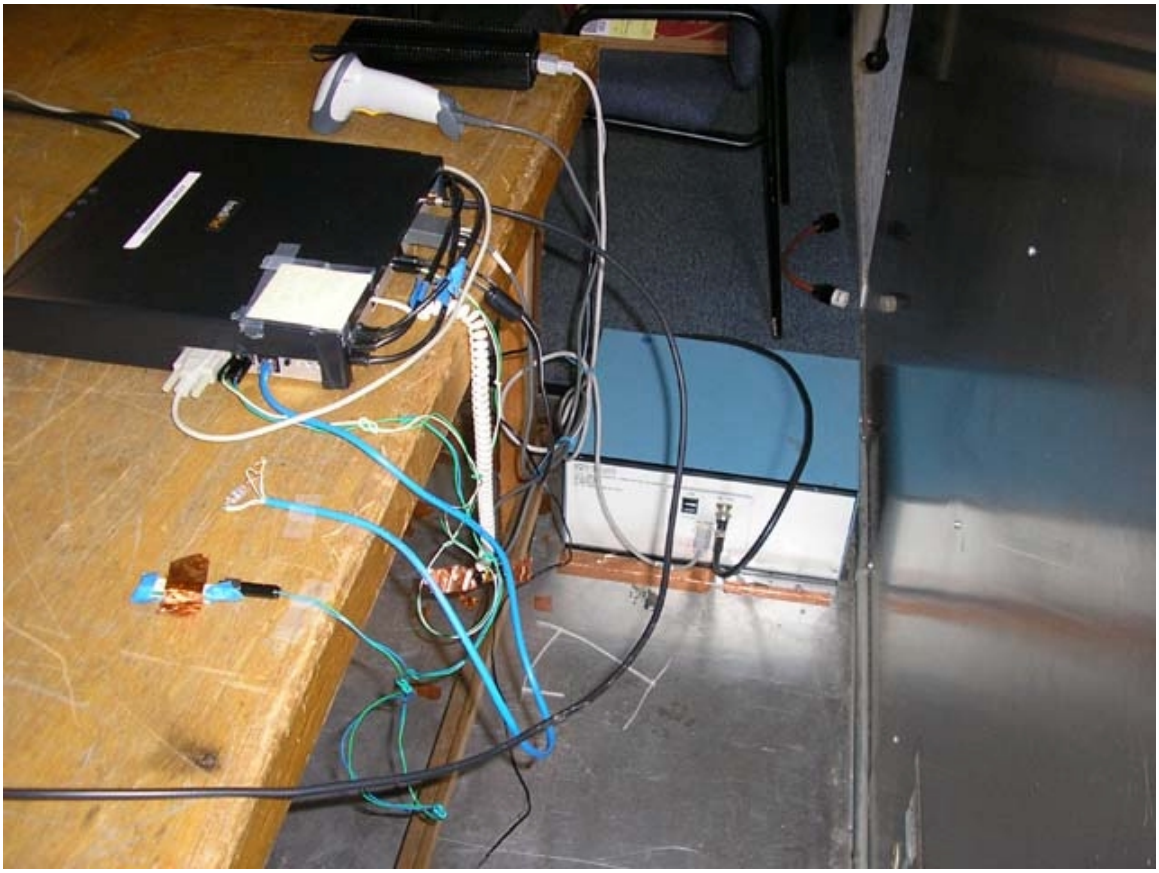
VUE TECHNOLOGY, INC.
INTELLIPAD
MODEL NUMBER: 34000001-001-RA
FCC SUBPART B AND C - RADIATED EMISSIONS – 07-14-05

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

FRONT VIEW

VUE TECHNOLOGY, INC.
INTELLIPAD
MODEL NUMBER: 34000001-001-RA
FCC SUBPART B & C - CONDUCTED EMISSIONS - 07-18-05

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



REAR VIEW

VUE TECHNOLOGY, INC.
INTELLIPAD
MODEL NUMBER: 34000001-001-RA
FCC SUBPART B & C - CONDUCTED EMISSIONS - 07-18-05

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS