FCC CFR47 PART 22H and 24E
CERTIFICATION
TEST REPORT

FOR

EUT: WIRELESS POS TERMINAL

MODEL NUMBER: LMT-3000S

FCC ID: SRVLMT-3000S

REPORT NUMBER: 04I3098-1

ISSUE DATE: DECEMBER 2, 2004

Prepared for
LINUDIX CO., LTD
ANYANG K-CENTER 6F, 1591-9 KWANYANG-DONG,
DONGAN-GU ANYANG
GYEONGGI, 431-060, KOREA

Prepared by
COMPLIANCE CERTIFICATION SERVICES
561F MONTEREY ROAD,
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LAB CODE:200065-0

Revision History

Rev.	Revisions	Revised By

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS

COMPANY NAME: LINUDIX CO., LTD
ANYANG K-CENTER 6F, 1591-9
KWANYANG-DONG, DONGAN-GU
ANYANG, GYEONGGI 431-060, KORAE

EUT DESCRIPTION: WIRELESS POS TERMINAL

MODEL: LMT-3000S

SERIAL NUMBER: CCS# 01493

DATE TESTED: NOVEMBER 15-21, 2004

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 22H and 24E	NO NON-COMPLIANCE NOTED
DIGITAL DEVICE CONFIGURATION: FCC PART 15 SUBPART B	NO NON-COMPLIANCE NOTED

Compliance Certification Services, Inc. tested the above equipment in accordance with the requirements set forth in the above standards. 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 Compliance Certification Services and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Compliance Certification Services will constitute fraud and shall nullify the document. No part of this report may be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any government agency.

Approved & Released For CCS By:

THU CHAN
EMC SUPERVISOR
COMPLIANCE CERTIFICATION SERVICES

Tested By:

CHIN PANG
EMC TECHNICIAN
COMPLIANCE CERTIFICATION SERVICES

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with TIA/EIA 603A (2001), ANSI C63.4-2003, FCC CFR 47 Part 2, FCC CFR 47 Part 15 and FCC CFR 47 Part 22 and Part 24.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 561F Monterey Road, Morgan Hill, California, USA. The sites are constructed in conformance with the requirements of ANSI C63.4, ANSI C63.7 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

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. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Radiated Emission, 30 to 200 MHz	+/- 3.3 dB
Radiated Emission, 200 to 1000 MHz	+4.5 / -2.9 dB
Radiated Emission, 1000 to 2000 MHz	+4.5 / -2.9 dB
Power Line Conducted Emission	+/- 2.9 dB

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

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a Wireless POS Terminal Transceiver, which is operating in the 824.2 – 848.8 MHz and 1850.2 – 1909.8 MHz bands.

The radio module is manufactured by Sony Ericsson Mobile Communications AB, and it's certified by TCB as a Modular Approval on 10/02/2003 under FCC ID: PY76220511

All data in this report is applicable to the model number documented in Section 1 above with radiated emissions measurements.

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak ERP / EIRP output power as follows:

824 to 849 MHz Authorized Band

Frequency Range (MHz)	Modulation	Conducted Peak Output Power (dBm)	Output ERP (dBm)	Output ERP (mW)
824.2 - 848.8	GSM	31.5	31.00	1258.93

1850 to 1910 MHz Authorized Band

Frequency Range (MHz)	Modulation	Conducted Peak Output Power (dBm)	Output EIRP (dBm)	Output EIRP (mW)
1850.2 - 1909.8	GSM	27.5	29.00	794.33

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an Omni-directional antenna.

5.4. SOFTWARE AND FIRMWARE

The EUT is tested with Communication Tester CMU200 support equipment during testing.

5.5. WORST-CASE CONFIGURATION AND MODE

The worst-case mode is determined as the mode with the highest output power. Since both GSM and GPRS modes have a similar maximum output power. So, all radiated emissions data were taken with GSM mode, and the highest measured radiated output power were at 837MHz for FCC22 and 1910MHz for FCC24.

5.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID**
AC Adapter	Sunlin Electronic	SR642-CE	NA	DOC

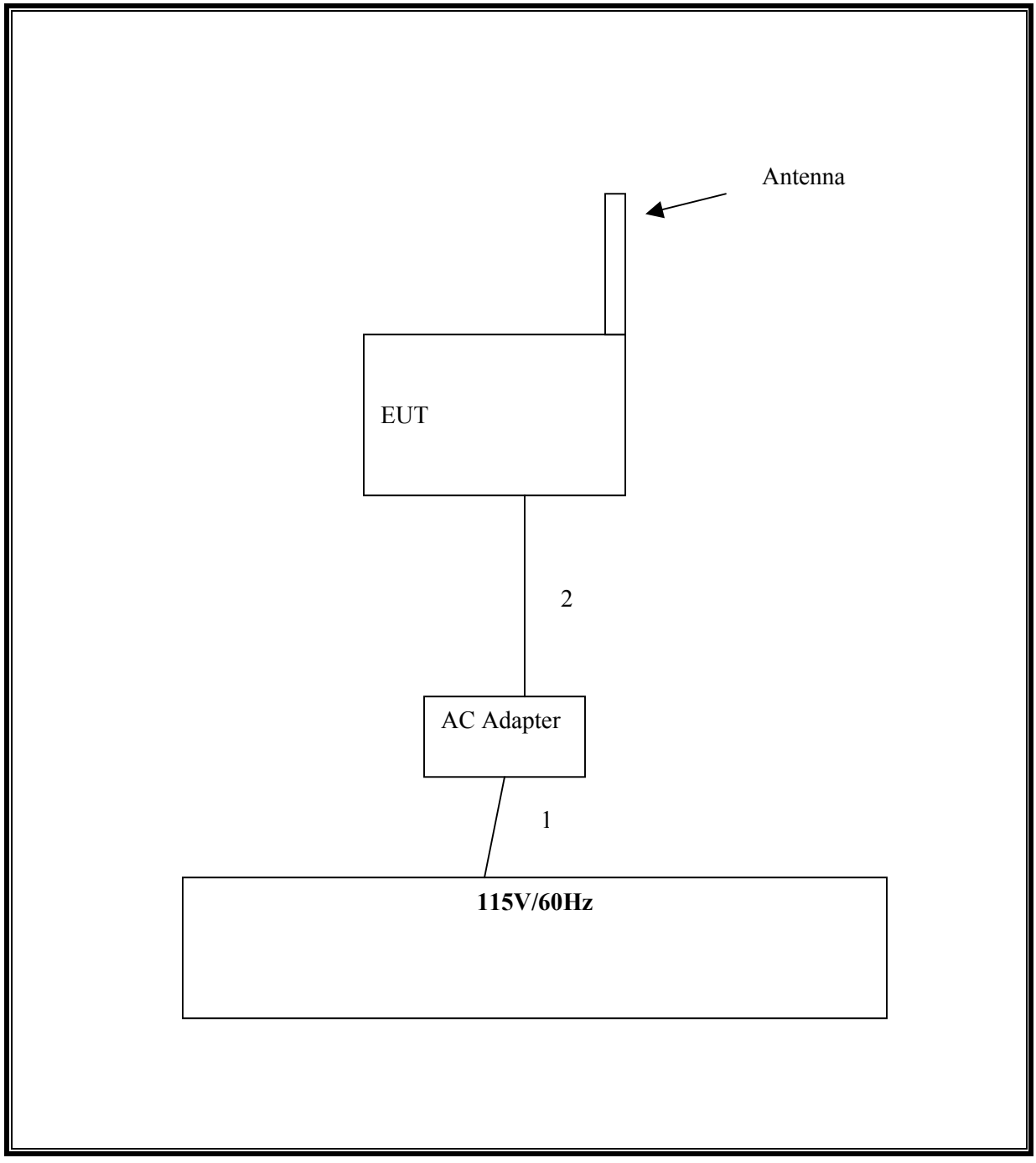
I/O CABLES

I/O CABLE LIST						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length**	**Remarks**
1	AC	1	US 115V	Un-shielded	2m	Bundled AC Cable for LC test
2	DC	2	DC	Un-shielded	1m	N/A

TEST SETUP

The EUT is installed as a stand-alone device during the tests, and communication with the tester CMU200 support equipment.

SETUP DIAGRAM FOR TESTS



SETUP FOR DIGITAL DEVICE TESTS

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID**
Laptop	HP	Pavilian	ze4101	DoC
Mouse	Logitech	M-M35	LZA60603264	DZL210365
Printer	HP	2225C	2541S41679	BS46XU2225C
Earphone	Certitek	NA	NA	NA
AC Adapter	HP	ADP-75HB	MVT0240165081	DoC
AC Adapter	Sunlin Electronic	SR642-CE	NA	DOC

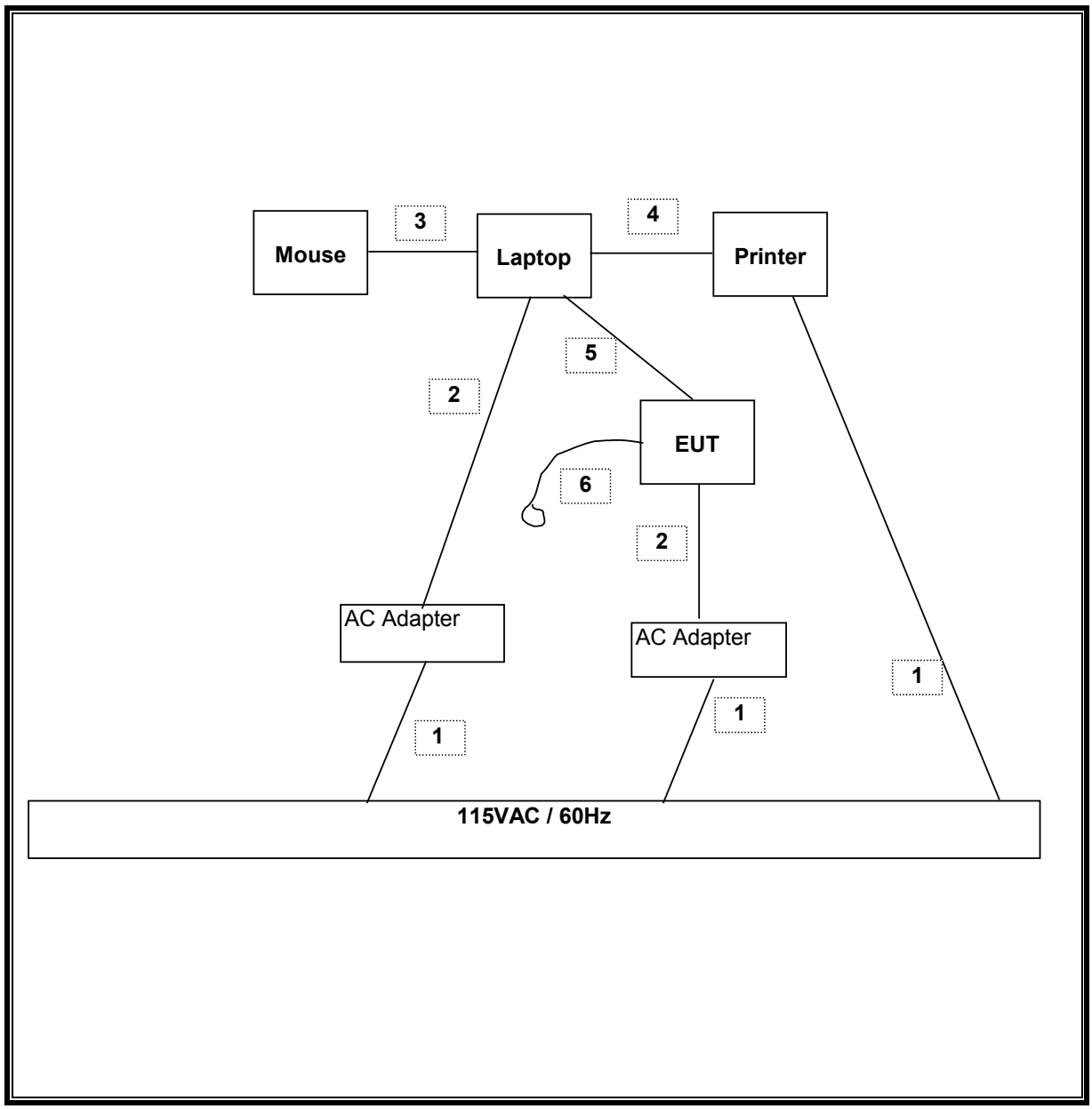
I/O CABLES

I/O CABLE LIST						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length**	**Remarks**
1	AC	3	US 115V	Un-shielded	2m	Bundled AC Cable for LC test
2	DC	2	DC	Un-shielded	1m	N/A
3	Mouse	1	PS/2	Un-shielded	2m	N/A
4	Parallel	1	DB25	Shielded	2m	N/A
5	Serial	1	DB9	Shielded	1m	Connected from EUT to PC
6	Ear Phone	1	Din	Un-shielded	2m	N/A

TEST SETUP

The EUT is connected to a laptop computer system during the tests with minimum configuration. Test software exercised the radio card.

SETUP DIAGRAM FOR DIGITAL DEVICE TESTS



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 20 Hz ~ 44 GHz	Agilent	E4446A	US42070220	4/1/2005
Amplifier 1-26GHz	MITEQ	NSP2600-SP	924342	8/17/05
Antenna, Horn 1 ~ 18 GHz	EMCO	3115	2238	9/12/05
30MHz---- 2Ghz	Sunol Sciences	JB1 Antenna	A121003	12/22/04
EMI Receiver, 9 kHz ~ 2.9 GHz	HP	8542E	3942A00286	11/21/04
RF Filter Section	HP	85420E	3705A00256	11/21/04
EMI Test Receiver	R & S	ESHS 20	827129/006	10/22/05
LISN, 10 kHz ~ 30 MHz	FCC	LISN-50/250-25-2	2023	8/30/05
LISN, 10 kHz ~ 30 MHz	Solar	8012-50-R-24-BNC	837990	10/21/05
Antenna, Horn 1 ~ 18 GHz	EMCO	3115	9001-3245	9/12/05
Communication Tester	R & S	CMU 200	838114/032	12/1/04
Signal Generator 2 -40 GHz	R & S	SMP04	DE 34210	5/2/05
1.5GHz HPF	MicroTronic	HPM13193	1	CNR
2.7GHz HPF	MicroTronic	HPM13194	2	CNR
Tune Dipole	ETS	DB-4	1629	6/14/05

7. LIMITS AND RESULTS

7.1. RF POWER OUTPUT

LIMIT

22.913(a) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

24.232(b) Mobile/portable stations are limited to 2 watts e.i.r.p. peak power and the equipment must employ means to limit the power to the minimum necessary for successful communications.

TEST PROCEDURE

ANSI / TIA / EIA 603 Clause 2.2.17

RESULTS

No non-compliance noted.

850GSM Output Power (ERP)

f MHz	SA reading (dBuV/m)	Ant. Pol. (H/V)	SG reading (dBm)	CL (dB)	Gain (dBi)	Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)	Notes
low Ch										
824.000	102.1	V	29.7	3.4	6.7	4.6	30.9	38.5	-7.6	
824.000	95.0	H	22.2	3.4	6.7	4.6	23.3	38.5	-15.2	
Mid Ch										
837.000	102.1	V	29.9	3.4	6.7	4.6	31.0	38.5	-7.5	
837.000	95.0	H	22.3	3.4	6.7	4.6	23.4	38.5	-15.1	
High Ch										
849.00	101.3	V	29.1	3.4	6.7	4.6	30.3	38.5	-8.2	
849.00	94.1	H	21.5	3.4	6.7	4.6	22.7	38.5	-15.8	

1900GSM Output Power (EIRP)

f GHz	SA reading (dBuV/m)	Ant. Pol. (H/V)	SG reading (dBm)	CL (dB)	Gain (dBi)	Gain (dBd)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Notes
Low Channel										
1.850	88.7	V	21.0	1.4	7.2	5.0	26.8	33.0	-6.2	
1.850	88.5	H	21.5	1.4	7.2	5.0	27.3	33.0	-5.7	
Mid Channel										
1.880	89.1	V	21.5	1.4	7.2	5.1	27.4	33.0	-5.6	
1.880	88.5	H	21.6	1.4	7.2	5.1	27.5	33.0	-5.5	
High Channel										
1.910	90.5	V	23.1	1.4	7.2	5.1	29.0	33.0	-4.0	
1.910	89.8	H	23.1	1.4	7.2	5.1	29.0	33.0	-4.0	

7.2. FIELD STRENGTH OF SPURIOUS RADIATION

LIMIT

§22.917 (a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.

TEST PROCEDURE

ANSI / TIA / EIA 603 Clause 3.2.12 & FCC 22.917 (b)

RESULTS

No non-compliance noted.

850GSM Spurious & Harmonic (ERP)

11/17/04 High Frequency Substitution Measurement
Compliance Certification Services, Morgan Hill 5m Chamber Site

Test Engr: Chin Pang
Project #: 04I3098-1
Company:
EUT Descrip.: Wireless POS Terminal
EUT M/N: LMT-3000S
Test Target: FCC Part 22
Mode Oper: TX, 850MHz

Test Equipment:

EMCO Horn 1-18GHz: T60; S/N: 2238 @3m
Horn > 18GHz:
Limit: FCC 22
☑ High Pass Filter
Hi Frequency Cables: ☐ (2 ft) ☐ (2 ~ 3 ft) ☑ (4 ~ 6 ft) ☑ (12 ft)
Pre-amplifer 1-26GHz: T87 Miteq 924342
Pre-amplifer 26-40GHz:

f GHz	SA reading (dBuV/m)	Ant. Pol. (H/V)	SG reading (dBm)	CL (dB)	Gain (dBi)	Gain (dBd)	ERP (dBm)	Limit (dBm)	Margin (dB)	Notes
low ch										
1.648	80.3	V	-30.0	2.1	7.0	4.8	-27.3	-13.0	-14.3	
2.472	69.0	V	-38.0	2.6	8.2	6.0	-34.6	-13.0	-21.6	
3.296	62.3	V	-43.0	3.0	9.3	7.1	-38.9	-13.0	-25.9	
4.121	59.3	V	-44.7	3.5	9.8	7.6	-40.5	-13.0	-27.5	
4.945	52.0	V	-51.7	3.9	10.9	8.7	-46.9	-13.0	-33.9	
1.648	76.0	H	-33.6	2.1	7.0	4.8	-30.9	-13.0	-17.9	
2.472	75.0	H	-31.8	2.6	8.2	6.0	-28.4	-13.0	-15.4	
3.296	62.0	H	-43.2	3.0	9.3	7.1	-39.1	-13.0	-26.1	
4.121	58.9	H	-44.7	3.5	9.8	7.6	-40.6	-13.0	-27.6	
4.945	49.3	H	-54.1	3.9	10.9	8.7	-49.3	-13.0	-36.3	
Mid ch										
1.673	78.6	V	-31.6	2.1	7.0	4.8	-28.8	-13.0	-15.8	
2.510	72.0	V	-34.9	2.6	8.3	6.1	-31.4	-13.0	-18.4	
3.346	62.5	V	-42.7	3.1	9.3	7.2	-38.6	-13.0	-25.6	
4.183	58.8	V	-45.1	3.5	9.9	7.7	-40.9	-13.0	-27.9	
5.019	50.5	V	-51.9	4.0	11.0	8.8	-47.1	-13.0	-34.1	
1.673	82.4	H	-27.1	2.1	7.0	4.8	-24.4	-13.0	-11.4	
2.510	73.0	H	-33.7	2.6	8.3	6.1	-30.2	-13.0	-17.2	
3.346	65.2	H	-39.9	3.1	9.3	7.2	-35.8	-13.0	-22.8	
4.183	67.8	H	-35.8	3.5	9.9	7.7	-31.6	-13.0	-18.6	
5.019	51.0	H	-50.4	4.0	11.0	8.8	-45.6	-13.0	-32.6	
high ch										
1.697	78.0	V	-32.0	2.1	7.0	4.9	-29.3	-13.0	-16.3	
2.546	72.6	V	-34.3	2.6	8.3	6.2	-30.7	-13.0	-17.7	
3.395	62.2	V	-42.9	3.1	9.3	7.2	-38.8	-13.0	-25.8	
4.244	60.6	V	-43.3	3.6	10.0	7.8	-39.1	-13.0	-26.1	
5.092	52.4	V	-49.9	4.0	11.0	8.9	-45.0	-13.0	-32.0	
1.697	82.9	H	-26.4	2.1	7.0	4.9	-23.7	-13.0	-10.7	
2.546	76.0	H	-30.7	2.6	8.3	6.2	-27.1	-13.0	-14.1	
3.395	63.4	H	-41.6	3.1	9.3	7.2	-37.5	-13.0	-24.5	
4.244	64.8	H	-38.8	3.6	10.0	7.8	-34.5	-13.0	-21.5	
5.092	51.3	H	-50.0	4.0	11.0	8.9	-45.1	-13.0	-32.1	

1900GSM Spurious & Harmonic (EIRP)

11/17/04 High Frequency Substitution Measurement
Compliance Certification Services, Morgan Hill 5m Chamber Site

Test Engr: Chin Pang
Project #: 04I3098-1
Company:
EUT Descrip.: Wireless POS Terminal
EUT M/N: LMT-3000S
Test Target: FCC Part 24
Mode Oper: TX, 1900MHz

Test Equipment:

EMCO Horn 1-18GHz: T60; S/N: 2238 @3m
Horn > 18GHz:
Limit: FCC 24
High Pass Filter
Hi Frequency Cables: (2 ft) (2 ~ 3 ft) (4 ~ 6 ft) (12 ft)
Pre-amplifer 1-26GHz: T87 Miteq 924342
Pre-amplifer 26-40GHz:

f GHz	SA reading (dBuV/m)	Ant. Pol. (H/V)	SG reading (dBm)	CL (dB)	Gain (dBi)	Gain (dBd)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Notes
low Ch										
3.700	57.6	V	-47.0	3.3	9.5	7.3	-40.8	-13.0	-27.8	
5.550	52.0	V	-49.5	4.2	11.1	9.0	-42.6	-13.0	-29.6	
7.400	53.1	V	-44.8	4.8	11.2	9.1	-38.4	-13.0	-25.4	
9.250	49.0	V	-45.4	5.4	10.8	8.7	-40.0	-13.0	-27.0	
3.700	59.3	H	-45.2	3.3	9.5	7.3	-39.0	-13.0	-26.0	
5.550	51.0	H	-49.5	4.2	11.1	9.0	-42.6	-13.0	-29.6	
7.400	48.4	H	-48.7	4.8	11.2	9.1	-42.3	-13.0	-29.3	
9.250	47.6	H	-46.8	5.4	10.8	8.7	-41.4	-13.0	-28.4	
Mid Ch										
3.760	59.4	V	-45.1	3.3	9.5	7.4	-38.9	-13.0	-25.9	
5.640	51.3	V	-50.0	4.3	11.2	9.0	-43.1	-13.0	-30.1	
7.520	48.7	V	-49.0	4.9	11.2	9.1	-42.6	-13.0	-29.6	
9.400	48.5	V	-45.8	5.4	11.0	8.9	-40.2	-13.0	-27.2	
3.760	60.6	H	-43.8	3.3	9.5	7.4	-37.5	-13.0	-24.5	
5.640	52.0	H	-48.3	4.3	11.2	9.0	-41.4	-13.0	-28.4	
7.520	47.4	H	-49.5	4.9	11.2	9.1	-43.1	-13.0	-30.1	
9.400	46.6	H	-47.7	5.4	11.0	8.9	-42.1	-13.0	-29.1	
High Ch										
3.818	61.5	V	-42.9	3.3	9.5	7.4	-36.7	-13.0	-23.7	
6.727	51.0	V	-48.2	4.6	11.3	9.1	-41.5	-13.0	-28.5	
7.636	52.2	V	-45.2	4.9	11.2	9.1	-38.9	-13.0	-25.9	
9.545	48.0	V	-46.1	5.5	11.2	9.1	-40.4	-13.0	-27.4	
3.818	60.6	H	-43.7	3.3	9.5	7.4	-37.5	-13.0	-24.5	
6.727	55.1	H	-43.4	4.6	11.3	9.1	-36.8	-13.0	-23.8	
7.636	49.2	H	-47.4	4.9	11.2	9.1	-41.1	-13.0	-28.1	
9.545	46.4	H	-47.7	5.5	11.2	9.1	-42.0	-13.0	-29.0	

8. DIGITAL DEVICE CONFIGURATION - LIMITS AND RESULTS

8.1. RADIATED EMISSIONS

TEST PROCEDURE

ANSI C63.4

CLASS B LIMITS

§15.107 (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 (dBμV/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

No non-compliance noted:

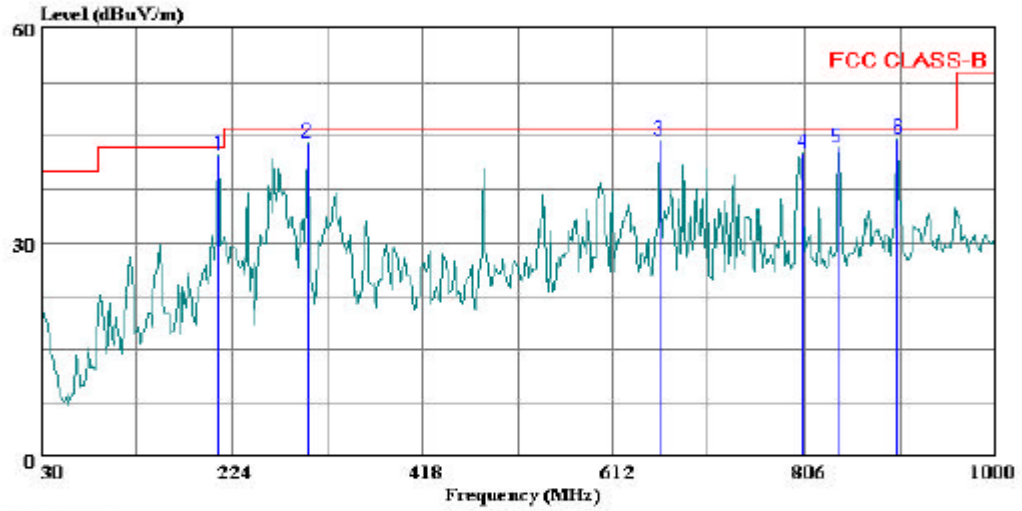
8.1.1. WORST-CASE RADIATED EMISSIONS BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

HORIZONTAL PLOT

561F Monterey Road
Morgan Hill, CA 95037
Tel: (408) 463-0888
Fax: (408) 463-0885

Data#: 20 File#: Linudix 3098.EMI Date: 11-21-2004 Time: 14:15:01



(Audix ATC)

Trace: 19 Ref Trace:

Condition: FCC CLASS-B HORIZONTAL
Test Operator: : Chin Pang
Project #: : 04I3098-1
Company: : Linudix Co., LTD
EUT: : Wireless POS Terminal
Model No: : LMT-3000S
Configuration: : EUT/PC/Monitor/Modem/Printer
Target of Test: : FCC Class B
Mode of Operation: Normal

HORIZONTAL DATA

Page: 1

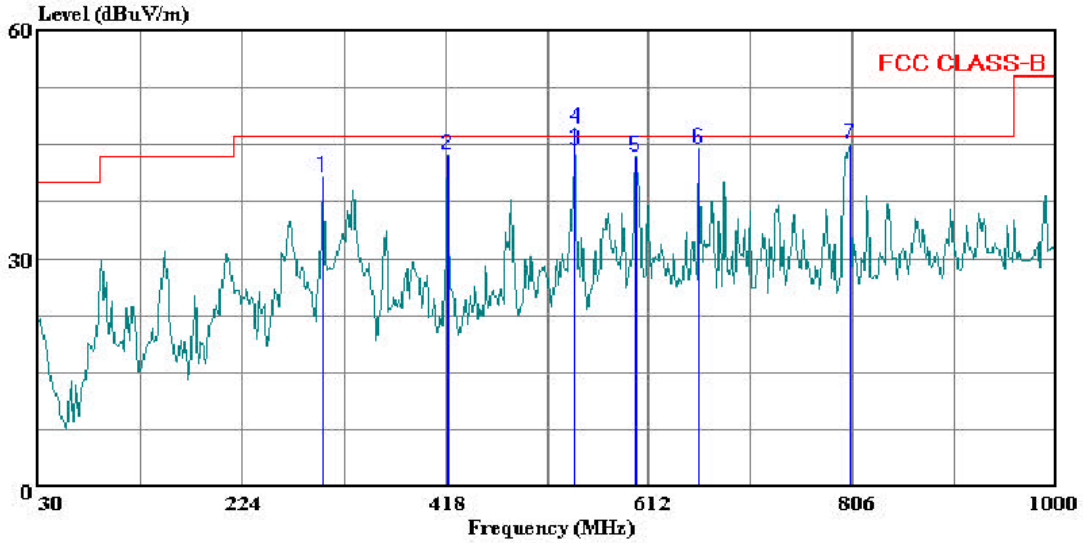
	Freq	Remark	Read Level	Factor	Level	Limit Line	Over Limit
	MHz		dBuV	dB	dBuV/m	dBuV/m	dB
1	211.390	Peak	56.67	-14.21	42.46	43.50	-1.04
2	300.630	Peak	55.08	-11.00	44.08	46.00	-1.92
3	659.530	Peak	49.85	-5.43	44.42	46.00	-1.58
4	803.090	Peak	46.04	-3.42	42.62	46.00	-3.38
5	838.980	Peak	46.34	-3.04	43.30	46.00	-2.70
6	900.090	Peak	46.53	-1.98	44.55	46.00	-1.45

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)

VERTICAL PLOT

561F Monterey Road
Morgan Hill, CA 95037
Tel: (408) 463-0888
Fax: (408) 463-0885

Data#: 18 File#: Linudix 3098.EMI Date: 11-21-2004 Time: 14:12:17



(Audix ATC)

Trace: 15 Ref Trace:

Condition: FCC CLASS-B VERTICAL
Test Operator: : Chin Pang
Project #: : 04I3098-1
Company: : Linudix Co., LTD
EUT: : Wireless POS Terminal
Model No: : LMT-3000S
Configuration: : EUT/PC/Monitor/Modem/Printer
Target of Test: : FCC Class B
Mode of Operation: Normal

VERTICAL DATA

Page: 1

		Freq	Remark	Read Level	Factor	Level	Limit Line	Over Limit
		MHz		dBuV	dB	dBuV/m	dBuV/m	dB
1		300.630	Peak	51.61	-11.00	40.61	46.00	-5.39
2		419.940	Peak	52.88	-9.26	43.62	46.00	-2.38
3		541.190	QP	51.80	-7.52	44.28	46.00	-1.72
4	*	541.190	Peak	54.72	-7.52	47.20	46.00	1.20
5		599.390	Peak	50.04	-6.57	43.47	46.00	-2.53
6		659.530	Peak	49.90	-5.43	44.47	46.00	-1.53
7		803.090	Peak	48.38	-3.42	44.96	46.00	-1.04

8.2. POWERLINE CONDUCTED EMISSIONS

LIMIT

§15.107 (a) (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 μH/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 of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

ANSI C63.4

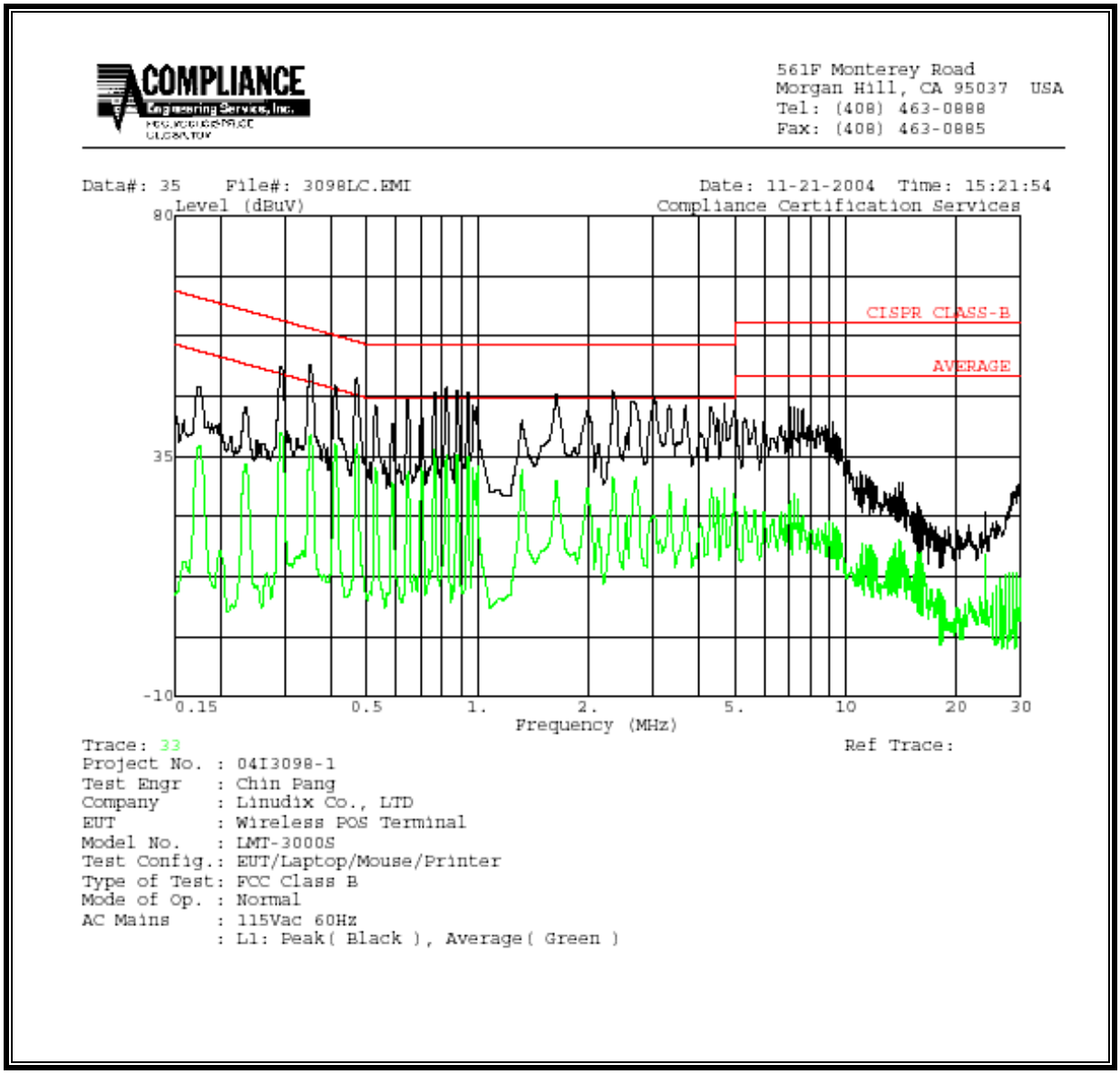
RESULTS

No non-compliance noted:

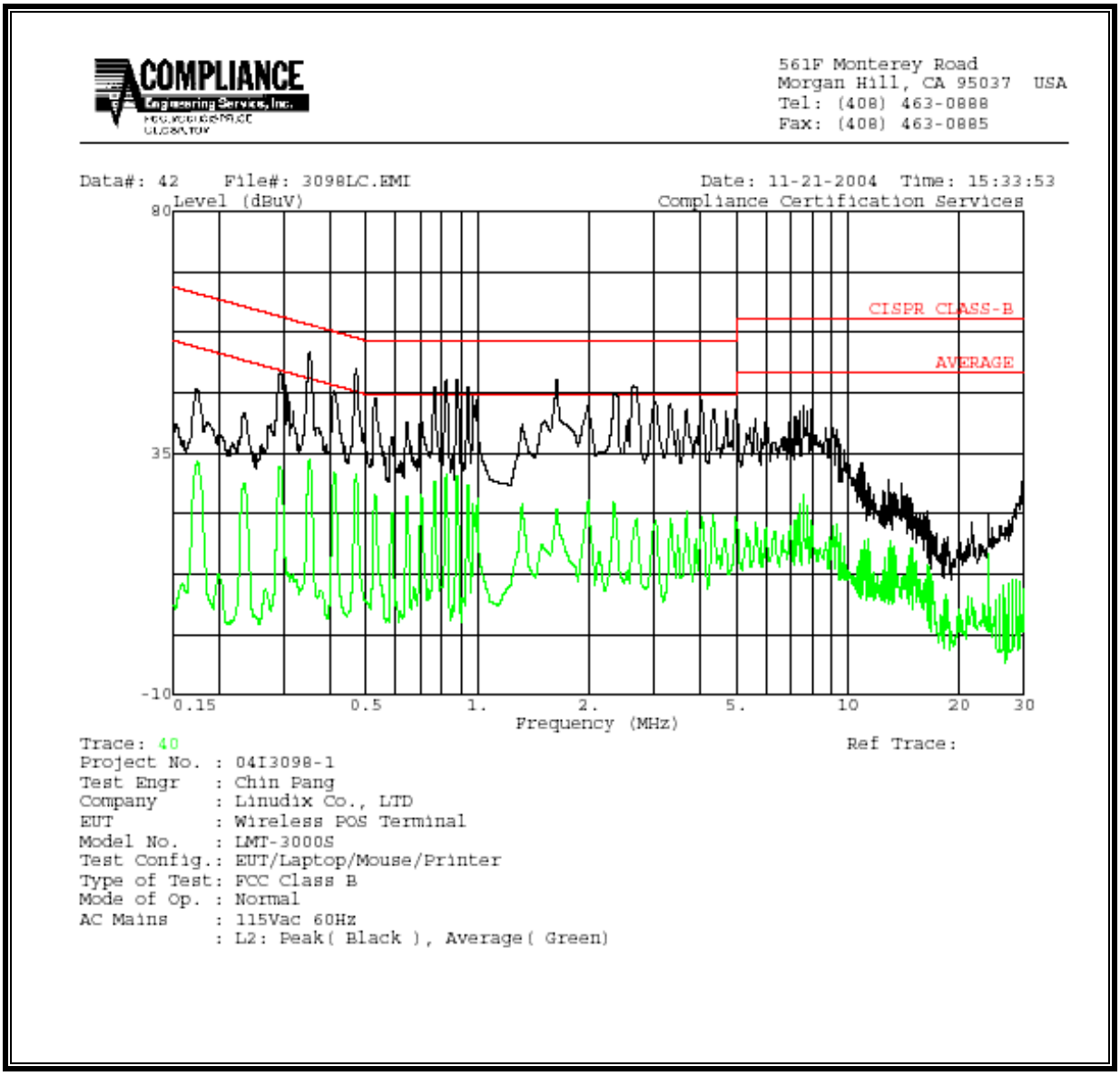
6 WORST EMISSIONS

CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.29	51.68	--	39.39	0.00	60.50	50.50	-8.82	-11.11	L1
0.35	52.26	--	39.06	0.00	58.94	48.94	-6.68	-9.88	L1
0.47	49.84	--	37.32	0.00	56.50	46.50	-6.66	-9.18	L1
0.35	53.72	--	33.93	0.00	58.92	48.92	-5.20	-14.99	L2
0.47	50.58	--	31.26	0.00	56.50	46.50	-5.92	-15.24	L2
1.64	48.52	--	24.54	0.00	56.00	46.00	-7.48	-21.46	L2
6 Worst Data									

LINE 1 RESULTS



LINE 2 RESULTS



9. SETUP PHOTOS

RADIATED RF MEASUREMENT SETUP FOR PORTABLE CONFIGURATION

X-AXIS FRONT PHOTO

X-AXIS BACK PHOTO

Y-AXIS FRONT PHOTO

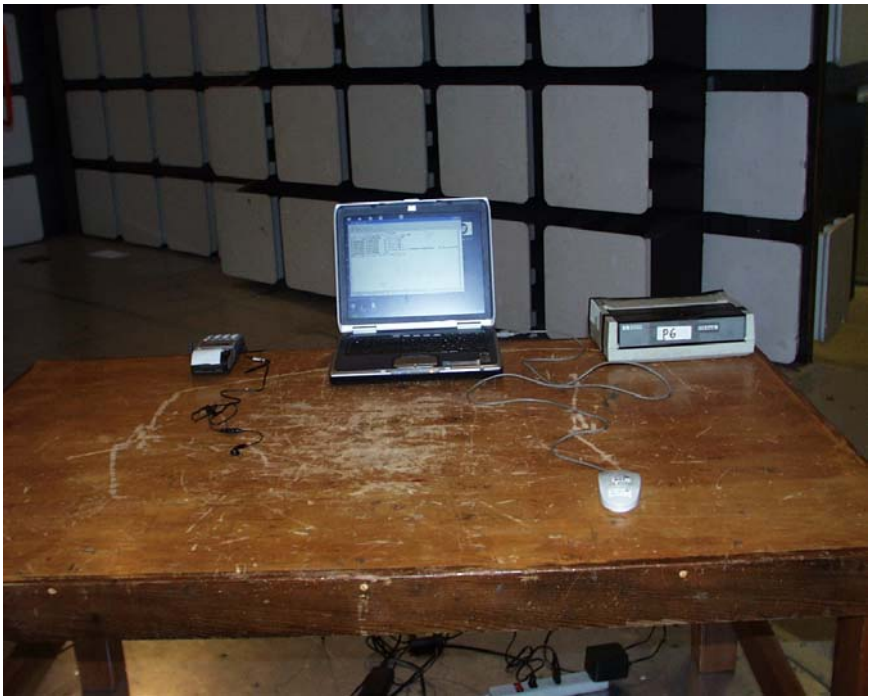
Y-AXIS BACK PHOTO

Z-AXIS FRONT PHOTO

Z-AXIS BACK PHOTO

DIGITAL DEVICE RADIATED EMISSIONS SETUP

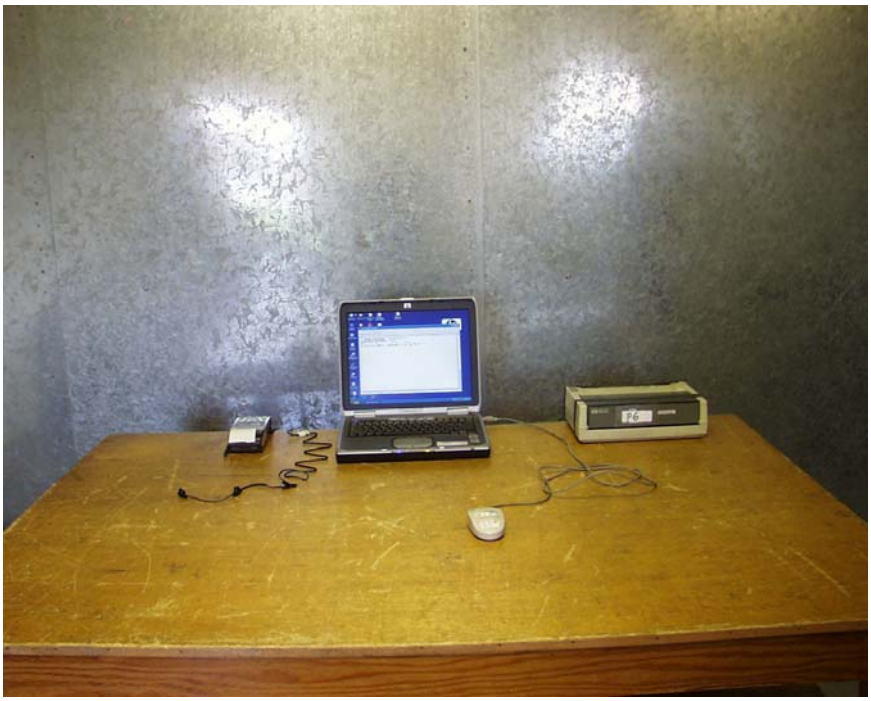
DIGITAL DEVICE FRONT PHOTO



DIGITAL DEVICE BACK PHOTO

POWERLINE CONDUCTED EMISSIONS MEASUREMENT SETUP

LINE CONDUCTED FRONT PHOTO



LINE CONDUCTED BACK PHOTO

END OF REPORT