EMT **ELECTRO MAGNETIC TEST, INC.**
1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

FCC PART 15, SUBPART B
CLASS B TEST REPORT

for

the

SLINGBOX TUNER

MODEL: SB220-100

Prepared for

SLING MEDIA, INC.
901 MARINERS ISLAND BOULEVARD, SUITE 300
SAN MATEO, CALIFORNIA 94404

Prepared by: _____
DOUG MOON

Approved by: _____
KEVIN BOTHMANN

ELECTRO MAGNETIC TEST, INC.
1547 PLYMOUTH STREET
MOUNTAIN VIEW, CALIFORNIA 94043
(650) 965-4000

DATE: SEPTEMBER 1, 2006

	REPORT BODY	APPENDICES		TOTAL
		A	***B***	
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GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Electro Magnetic Test, Inc., which is an independent testing and consulting firm. The test report is based on testing performed Electro Magnetic Test, Inc. personnel according to the measurement procedure described in the test specification 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 in any form unless done so in full.

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

Electro Magnetic Test, Inc. is recognized by the following agencies to perform EMI/EMC testing:

COUNTRY	AGENCY	IDENTIFYING #
USA	Federal Communications Commission (FCC) (EMT's test site is recognized by the FCC)	Registration Number: 90576
USA, Canada, Taiwan, Australia/New Zealand, European Community	National Voluntary Lab Accreditation Program (NVLAP) (EMT is accredited by NVLAP. A copy of the NVLAP Scope Of Accreditation is available upon request.)	Lab Code: 200147-0
Canada	Industry Canada	File No.: IC 2804
Japan	Voluntary Control Council For Interference (VCCI)	See Below
	Open Field Test Site Registration Number	R-589
	Conducted Emissions Test Site Registration Number	C-604
Korea	Ministry of Information and Communication's Radio Research Laboratory (RRL) under the Asia Pacific Economic Cooperation (APEC) Mutual Recognition Arrangement (A copy of the Scope Of Accreditation is available upon request)	US0036
Taiwan	Bureau Of Standards, Metrology and Inspection (BSMI)	Reference Number: SL2-IN-E-1024
Australia / New Zealand	Australian Communications Authority (AUSTEL)	*
European Community	TUV Rheinland (EMC for the European Community)	*

*These agencies do not issue an identifying number to test labs.

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GENERAL REPORT SUMMARY (CONTINUED)

Device Tested:	SlingBox Tuner Model: SB220-100 S/N: N/A
Product Description:	The EUT is a breakthrough consumer electronics device that transforms today's TV viewing experience. It enables consumers to watch their TV programs from wherever they are by turning virtually any laptop or internet connected device into a personal TV. It redirects, or "place shifts" the TV signal from any cable box, satellite receiver, or personal video recorder to a viewer's location and device of choice.
Modifications:	The EUT was not modified during the testing.
Manufacturer:	Sling Media, Inc. 901 Mariners Island Boulevard, Suite 300 San Mateo, California 94404
Test Date(s):	August 30, 2006
Test Specifications:	EMI requirements Limits: CISPR 22: 1997 Class B FCC Title 47, Part 15 Subpart B, Class B Test Procedure: ANSI C63.4: 2003
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 CISPR 22: 1997
2	Radiated RF Emissions, 30 MHz - 1000 MHz.	Complies with the **Class B** limits of CISPR 22: 1997
3	Radiated RF Emissions, 1 GHz - 2 GHz.	Complies with the Class B limits of FCC Title 47, Part 15 Subpart B

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1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the SlingBox Tuner, Model: SB220-100. 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 C.I.S.P.R. Publication 22 for Information Technology Equipment from 150 kHz to 1 GHz. Under paragraph G of section 15.109 of the Code of Federal Regulations Title 47, Part 15 of the FCC rules, FCC accepts the international standards set forth in C.I.S.P.R. Publication 22 and if the EUT meets the **Class B** specification limits defined in FCC Title 47, Part 15, Subpart B from 1 GHz to 2 GHz.

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2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Electro Magnetic Test, Inc., 1547 Plymouth Street, Mountain View, California, 94043.

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 measurement results in this report and the calibration of the test equipment are traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

Sling Media, Inc.

KR Veerappan	Director, Hardware

Electro Magnetic Test, Inc.

Alika Hirano	Test Technician
Mario Garcia	Test Technician
Doug Moon	Test Technician
Kevin Bothmann	Lab Manager

2.4 Date Test Sample was Received

The test sample was received on August 28, 2006.

2.5 Disposition of the Test Sample

The test sample was returned to Sling Media, Inc. on September 1, 2006.

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
CISPR	International Special Committee On Radio Interference
FCC	Federal Communications Commission

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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 B	FCC Rules - Radio frequency devices (including digital devices).
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.
CISPR 22: 1997	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement

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4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description of Test Configuration - EMI

The EUT was connected to the RF modulator and remote laptop computer via its tuner input, tuner output, and Ethernet ports, respectively. The RF modulator was connected to the DVD player via its audio/video input ports. The remote laptop computer was located approximately 10 meters outside the test site. During the testing process, the EUT accepted the audio/video input from the RF modulator, decoded it, then transmitted the audio/video content to the remote laptop computer, continuously. The remote laptop computer was running software that displayed the content received from the EUT, continuously.

It was determined that the emissions were at their highest level when the EUT was operating in the above configuration. The cables were moved to maximize the emissions. The final conducted as well as radiated data was taken in this mode of operation. All initial investigations were performed with the EMI receiver in manual mode scanning the frequency range continuously. The cables were bundled and routed as shown in the photographs in Appendix A.

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4.1.1 Cable Construction and Termination

Cable #1

This is a 50 foot foil shielded CAT 5 Ethernet cable connecting the EUT to the remote laptop computer. It has an RJ45 metallic connector at both ends of the cable. The shield of the cable was grounded to the chassis via the connectors.

Cable #2

This is a 6 foot braid shielded coax cable connecting the EUT to the RF modulator. It has metallic "F" connectors at both ends of the cable. The cable was bundled to a length of 3.5 feet. The shield of the cable was grounded to the chassis via the connectors.

Cable #3

This is a 6 foot braid shielded coax cable connecting the EUT to the RF modulator. It has metallic "F" connectors at both ends of the cable. The cable was bundled to a length of 3.5 feet. The shield of the cable was grounded to the chassis via the connectors.

Cable #4

This is a 4 foot unshielded audio/video cable connecting the RF modulator to the DVD player. It has three RCA metallic connectors at both ends of the cable. The cable was bundled to a length of 3.5 feet.

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5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT TYPE	MANUFACTURER	MODEL	SERIAL NUMBER	FCC ID
SLINGBOX TUNER (EUT)	SLING MEDIA, INC.	SB220-100	N/A	S7USBPB2243
AC POWER ADAPTER (EUT)	HON-KWANG	HK-A112-A06	K0000121	N/A
RF MODULATOR	RADIO SHACK	15-1214	26256763	AAO1501214
DVD PLAYER	SONY	DVP-NS75H	2051905	N/A
THE FOLLOWING WERE LOCATED APPROXIMATELY 10 METERS OUTSIDE THE TEST SITE:				
REMOTE LAPTOP COMPUTER	DELL COMPUTER CORPORATION	PP11L	CN-0D4571-48643-55B-5713	DoC
REMOTE LAPTOP COMPUTER POWER SUPPLY	DELL COMPUTER CORPORATION	PA-1650-05D	CN-05U092-71615-54A-17DA	N/A

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5.2 EMI Test Equipment

EQUIPMENT TYPE	MANUFACT-URER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. CYCLE
Spectrum Analyzer	Hewlett Packard	8566B	3013A07296	October 28, 2005	1 Year
RF Preselector	Hewlett Packard	85685A	3010A01157	October 28, 2005	1 Year
Quasi-Peak Adapter	Hewlett Packard	85650A	2521A00584	October 28, 2005	1 Year
Preamplifier	Com Power	PA-102	1482	March 1, 2006	1 Year
RF Attenuator	Mini-Circuits	CAT-10	Asset #1000	December 8, 2005	1 Year
LISN	Com Power	LI-200	12012	June 17, 2006	1 Year
LISN	Com Power	LI-200	12214	June 17, 2006	1 Year
LISN	Com Power	LI-200	1767	June 17, 2006	1 Year
LISN	Com Power	LI-200	1768	June 17, 2006	1 Year
Biconical Antenna	Com Power	AB-100	01557	November 7, 2005	1 Year
Log Periodic Antenna	Com Power	AL-100	16037	November 7, 2005	1 Year
Horn Antenna	Com Power	AHA-118	711054	N/A	N/A
Antenna Mast	Com Power	AM-400	N/A	N/A	N/A
Turntable	Com Power	TT-100	N/A	N/A	N/A
Computer	Compaq	Series 3284	X637BBS20212	N/A	N/A
Printer	Epson	P930A	3HR1398903	N/A	N/A
Plotter	Hewlett Packard	7470A	2308A96499	N/A	N/A

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6. TEST SITE DESCRIPTION

6.1 Test Facility Description

Please refer to section 7.1.1 and 7.1.2 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 not grounded.

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7. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests.

7.1 RF Emissions

7.1.1 Conducted Emissions Test

The HP 8566B spectrum analyzer was used as a measuring meter along with the HP 85650A quasi-peak adapter. The data was collected with the spectrum analyzer in the peak detect mode with the "Max Hold" feature activated. The quasi-peak detector was used 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 spectrum analyzer offset was adjusted accordingly to read the actual data measured. The LISN output was read by the HP 8566B spectrum analyzer. The output of the second LISN was terminated by a 50 ohm termination. The effective measurement bandwidth used for the conducted emissions 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 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 initial test data was taken in manual mode while scanning the frequency ranges of 0.150 MHz to 0.450 MHz, 0.450 MHz to 1.6 MHz, 1.6 MHz to 5 MHz and 5 MHz to 30 MHz. The conducted emissions from the EUT were maximized for operating mode as well as cable and peripheral placement. Once a predominant frequency (within 12 dB of the limit) was found, it was more closely examined with the spectrum analyzer span adjusted to 1 MHz.

The final data was collected under program control by the HP 85869PC software in several overlapping sweeps by running the spectrum analyzer at a minimum scan rate of 10 seconds per octave.

Associated with the conducted emission test data in this report is a ±2.6dB measurement uncertainty.

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7.1.2 Radiated Emissions Test

The HP 8566B spectrum analyzer was used as a measuring meter along with the HP 85650A quasi-peak adapter. The Com Power Preamplifier PA-102 was 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. The HP 85650A quasi-peak adapter was used only for those readings which are marked accordingly on the data sheets. The effective measurement bandwidth used for the radiated emissions test was 120 kHz from 30 MHz to 1 GHz and 1 MHz from 1 GHz to 2 GHz.

Broadband biconical, log periodic and horn antennas were used as transducers during the measurement. The biconical antenna was used from 30 MHz to 300 MHz, the log periodic antenna was used from 300 MHz to 1 GHz, and the horn antenna was used from 1 GHz to 2 GHz. The frequency spans were wide (30 MHz to 88 MHz, 88 MHz to 216 MHz, 216 to 300 MHz, 300 MHz to 1 GHz and 1 GHz to 2 GHz) during preliminary investigations. The final data was taken with a frequency span of 1 MHz. Furthermore, the frequency span was reduced during the preliminary investigations as deemed necessary.

The open field test site of Electro Magnetic Test, 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. 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 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 10 meter test distance from 30 MHz to 1 GHz and at a distance of 3 meters from 1 GHz to 2 GHz to obtain final test data.

Calculation Of Radiated Emission Test Data:

Amplitude - Gain + Antenna Factor + Cable Loss = Corrected Amplitude

Corrected Amplitude - Limit = Margin

Associated with the radiated emission test data in this report is a ±4.5dB measurement uncertainty.

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8. CONCLUSIONS / COMPLIANCE STATEMENT

Based upon the results contained in this report, Electro Magnetic Test, Inc. has determined that the SlingBox Tuner, Model: SB220-100 meets all of the Class B specification limits defined by C.I.S.P.R. Publication 22 for Information Technology Equipment from 150 kHz to 1 GHz. Under paragraph G of section 15.109 of the Code of Federal Regulations Title 47, Part 15 of the FCC rules, FCC accepts the international standards set forth in C.I.S.P.R. Publication 22. The EUT also meets the **Class B** specification limits defined in FCC Title 47, Part 15, Subpart B from 1 GHz to 2 GHz.

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APPENDIX A

RADIATED AND CONDUCTED EMISSIONS DATA SHEETS

Electro Magnetic Test, Inc.
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Radiated Emissions Test Data

Purpose of Test: [X] QUALIFICATION [] ENGINEERING [] MANUFACTURING AUDIT
CISPR 22 Class B Test Date: 08-30-06
Company Name: SLING MEDIA, INC.
EUT Model Number: SB220-100
EUT Serial Number: N/A
EUT Description: SLINGBOX TUNER

Test Setup Configuration

EUT Clock Speeds: 8 MHz, 16 MHz, 24.576 MHz, 56.65 MHz, 133 MHz

EUT Power Cords: [] SHIELDED [X] NOT SHIELDED
EUT tested at: [] LOW SPEED [] HIGH SPEED
EUT is: [X] IN COMPLIANCE [] OUT OF COMPLIANCE with CISPR 22 Class B.

EUT Modifications during this test:
[] MODIFIED [X] NOT MODIFIED

Modifications: _____

_____

_____

NOTE: A formal report on passing data will be generated when required.
Design, debug and consultation services are available at all times.

Test Engineer: _____(ALIKA HIRANO)

Electro Magnetic Test, Inc.
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CISPR 22 Class B Test Date: 08-30-06
Company Name: SLING MEDIA, INC.
EUT Model Number: SB220-100
EUT Description: SLINGBOX TUNER

RADIATED EMISSION TEST RESULTS

Freq MHz	Ampl dBuV	M	P	A	Ht m	Dist m	Ori deg	Gain dB	ACor dBuV/m	CCor dB	DCor dB	CorAmp dBuV/m	Limit dBuV/m	Margin dB	Flags FH---
VERTICAL POLARIZATION															
44.191	34.7	P	V	B	1.0	10.0	180	21.0	10.8	1.4	0.0	25.9	30.0	-4.1	-----
56.559	31.9	P	V	B	1.0	10.0	0	21.0	11.1	1.6	0.0	23.6	30.0	-6.4	-----
85.039	31.5	P	V	B	1.0	10.0	90	20.9	9.0	2.0	0.0	21.6	30.0	-8.4	-----
108.126	33.2	P	V	B	4.0	10.0	90	21.0	10.3	2.2	0.0	24.7	30.0	-5.3	-----
131.395	33.1	P	V	B	1.0	10.0	0	21.0	11.6	2.4	0.0	26.1	30.0	-3.9	-----
131.396	28.1	Q	V	B	1.0	10.0	0	21.0	11.6	2.4	0.0	21.1	30.0	-8.9	-----
240.000	29.2	P	V	B	1.0	10.0	45	21.2	18.0	3.1	0.0	29.1	37.0	-7.9	-----
329.058	29.9	P	V	L	1.0	10.0	90	21.3	15.6	3.7	0.0	27.9	37.0	-9.1	-----
344.062	30.2	P	V	L	1.0	10.0	0	21.4	15.8	3.9	0.0	28.5	37.0	-8.5	-----
360.025	33.5	P	V	L	1.0	10.0	0	21.4	15.9	3.9	0.0	31.9	37.0	-5.1	-----
377.999	30.9	P	V	L	1.0	10.0	180	21.5	16.0	4.0	0.0	29.4	37.0	-7.6	-----
393.961	33.7	P	V	L	1.0	10.0	90	21.5	16.2	4.1	0.0	32.5	37.0	-4.5	-----
430.310	27.9	P	V	L	1.0	10.0	45	21.4	17.2	4.3	0.0	28.0	37.0	-9.0	-----
653.640	33.7	P	V	L	1.0	10.0	270	21.5	20.9	5.4	0.0	38.5	37.0	1.5	F----
653.641	26.0	Q	V	L	1.0	10.0	270	21.5	20.9	5.4	0.0	30.8	37.0	-6.2	-----
798.064	21.1	P	V	L	1.0	10.0	0	21.4	23.6	6.1	0.0	29.4	37.0	-7.6	-----
930.963	15.8	P	V	L	1.0	10.0	180	21.0	23.8	6.7	0.0	25.3	37.0	-11.7	-----
HORIZONTAL POLARIZATION															
44.120	30.0	P	H	B	4.0	10.0	45	21.0	10.8	1.4	0.0	21.2	30.0	-8.8	-----
56.472	30.0	P	H	B	3.0	10.0	0	21.0	11.1	1.6	0.0	21.7	30.0	-8.3	-----
85.047	27.4	P	H	B	4.0	10.0	135	20.9	9.0	2.0	0.0	17.5	30.0	-12.5	-----
108.093	30.5	P	H	B	4.0	10.0	0	21.0	10.3	2.2	0.0	22.0	30.0	-8.0	-----
131.371	29.7	P	H	B	3.0	10.0	45	21.0	11.6	2.4	0.0	22.7	30.0	-7.3	-----
240.012	29.7	P	H	B	4.0	10.0	90	21.2	18.0	3.1	0.0	29.6	37.0	-7.4	-----
329.057	27.8	P	H	L	3.0	10.0	315	21.3	15.6	3.7	0.0	25.8	37.0	-11.2	-----
344.078	32.2	P	H	L	4.0	10.0	270	21.4	15.8	3.9	0.0	30.5	37.0	-6.5	-----
360.022	31.4	P	H	L	4.0	10.0	270	21.4	15.9	3.9	0.0	29.8	37.0	-7.2	-----
378.000	34.6	P	H	L	3.0	10.0	135	21.5	16.0	4.0	0.0	33.1	37.0	-3.9	-----
378.001	31.4	Q	H	L	3.0	10.0	135	21.5	16.0	4.0	0.0	29.9	37.0	-7.1	-----
393.966	30.1	P	H	L	1.0	10.0	90	21.5	16.2	4.1	0.0	28.9	37.0	-8.1	-----
430.329	29.3	P	H	L	4.0	10.0	45	21.4	17.2	4.3	0.0	29.4	37.0	-7.6	-----
653.690	30.2	P	H	L	4.0	10.0	0	21.5	20.9	5.4	0.0	35.0	37.0	-2.0	-----
653.694	25.7	Q	H	L	4.0	10.0	0	21.5	20.9	5.4	0.0	30.5	37.0	-6.5	-----
798.029	19.6	P	H	L	1.0	10.0	0	21.4	23.6	6.1	0.0	27.9	37.0	-9.1	-----
930.902	16.0	P	H	L	1.0	10.0	180	21.0	23.8	6.7	0.0	25.5	37.0	-11.5	-----

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Radiated Emissions Test Data

Purpose of Test: [X] QUALIFICATION [] ENGINEERING [] MANUFACTURING AUDIT
FCC Class B Test Date: 08-30-06
Company Name: SLING MEDIA, INC.
EUT Model Number: SB220-100
EUT Serial Number: N/A
EUT Description: SLINGBOX TUNER

Test Setup Configuration

EUT Clock Speeds: 8 MHz, 16 MHz, 24.576 MHz, 56.65 MHz, 133 MHz

EUT Power Cords: [] SHIELDED [X] NOT SHIELDED
EUT tested at: [] LOW SPEED [] HIGH SPEED
EUT is: [X] IN COMPLIANCE [] OUT OF COMPLIANCE with FCC Class B.

EUT Modifications during this test:
[] MODIFIED [X] NOT MODIFIED

Modifications: _____

_____

_____

NOTE: A formal report on passing data will be generated when required.
Design, debug and consultation services are available at all times.

Test Engineer: _____ (ALIKA HIRANO)

Electro Magnetic Test, Inc.
1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

FCC Class B Test Date: 08-30-06
Company Name: SLING MEDIA, INC.
EUT Model Number: SB220-100
EUT Description: SLINGBOX TUNER

RADIATED EMISSION TEST RESULTS

Freq MHz	Ampl dBuV	M	P	A	Ht m	Dist m	Ori deg	Gain dB	ACor dBuV/m	CCor dB	DCor dB	CorAmp dBuV/m	Limit dBuV/m	Margin dB	Flags FH---
VERTICAL POLARIZATION															
1019.740	26.2	P	V	H	1.0	3.0	45	0.0	-1.2	4.5	0.0	29.5	54.0	-24.5	-----
1076.387	26.4	P	V	H	1.0	3.0	270	0.0	-0.9	4.7	0.0	30.2	54.0	-23.8	-----
1104.035	26.8	P	V	H	1.0	3.0	315	0.0	-0.8	4.7	0.0	30.7	54.0	-23.3	-----
1314.560	28.4	P	V	H	2.5	3.0	180	0.0	0.0	5.2	0.0	33.6	54.0	-20.4	-----
1449.170	27.2	P	V	H	1.0	3.0	135	0.0	0.6	5.3	0.0	33.1	54.0	-20.9	-----
1699.545	24.9	P	V	H	1.0	3.0	45	0.0	1.5	5.8	0.0	32.2	54.0	-21.8	-----
HORIZONTAL POLARIZATION															
1019.752	24.9	P	H	H	1.5	3.0	0	0.0	-1.2	4.5	0.0	28.2	54.0	-25.8	-----
1076.390	26.5	P	H	H	1.5	3.0	270	0.0	-0.9	4.7	0.0	30.3	54.0	-23.7	-----
1104.071	26.3	P	H	H	1.0	3.0	225	0.0	-0.8	4.7	0.0	30.2	54.0	-23.8	-----
1314.598	31.5	P	H	H	1.0	3.0	180	0.0	0.0	5.2	0.0	36.7	54.0	-17.3	-----
1449.239	25.3	P	H	H	1.0	3.0	225	0.0	0.6	5.3	0.0	31.2	54.0	-22.8	-----
1699.541	27.0	P	H	H	1.0	3.0	225	0.0	1.5	5.8	0.0	34.3	54.0	-19.7	-----

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FRONT VIEW

SLING MEDIA, INC.
SLINGBOX TUNER
MODEL: SB220-100
CISPR 22/FCC CLASS B - RADIATED EMISSIONS - 8-30-06

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

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REAR VIEW

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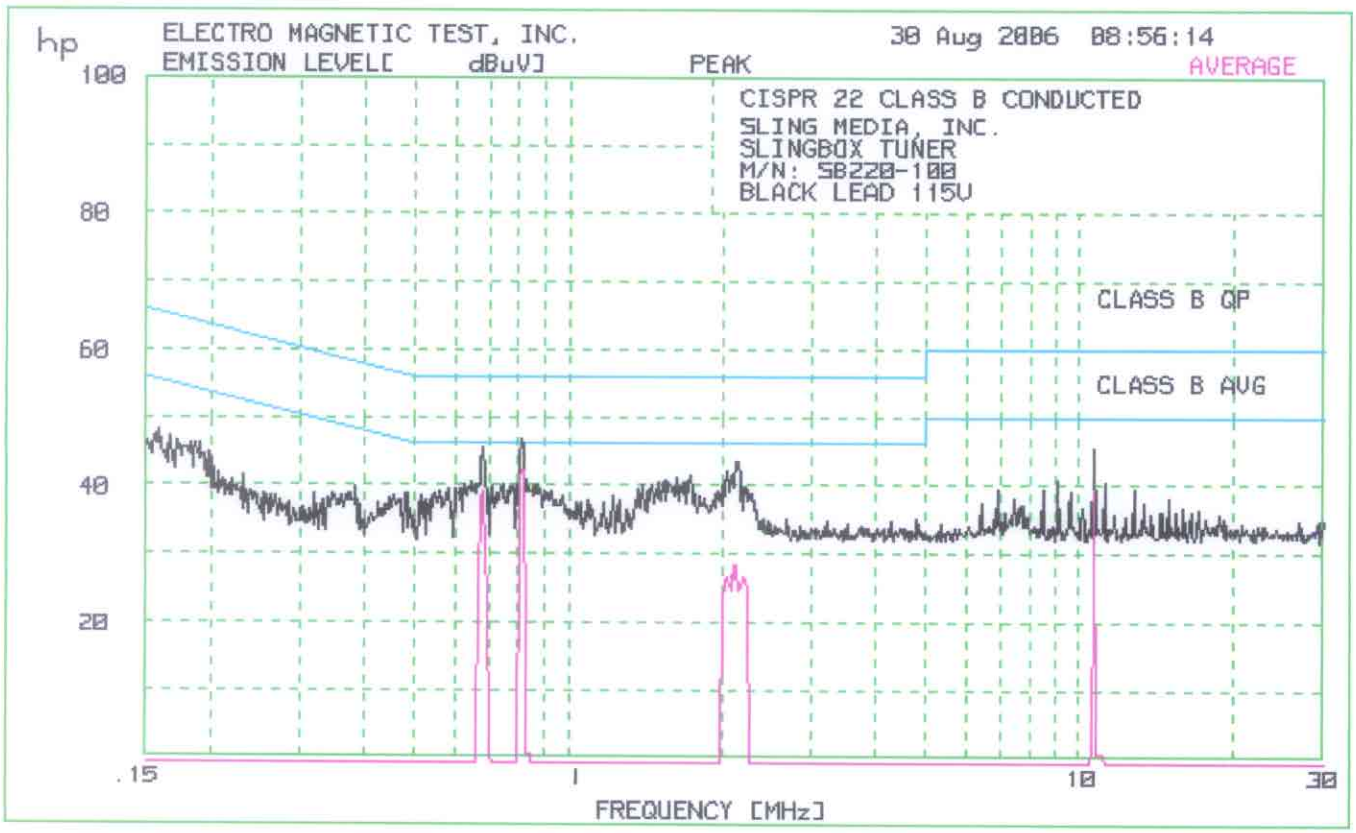
PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS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ELECTRO MAGNETIC TEST, INC.
EMISSION LEVEL[dBuV]
30 Aug 2006 08:56:14
PEAK
AVERAGE
CISPR 22 CLASS B CONDUCTED
SLING MEDIA, INC.
SLINGBOX TUNER
M/N: SB220-100
BLACK LEAD 115V
CLASS B QP
CLASS B AVG
100
80
60
40
20
.15
1
10
30
FREQUENCY [MHz]

ELECTRO MAGNETIC TEST, INC. 30 Aug 2006 08:56:14

1. CONDUCTED WITH PRESELECTOR
   1.2 CISPR 22 CLASS B CONDUCTED

60 highest Peaks above -50 dB of Limit Line #2
peak criteria = .1 dB

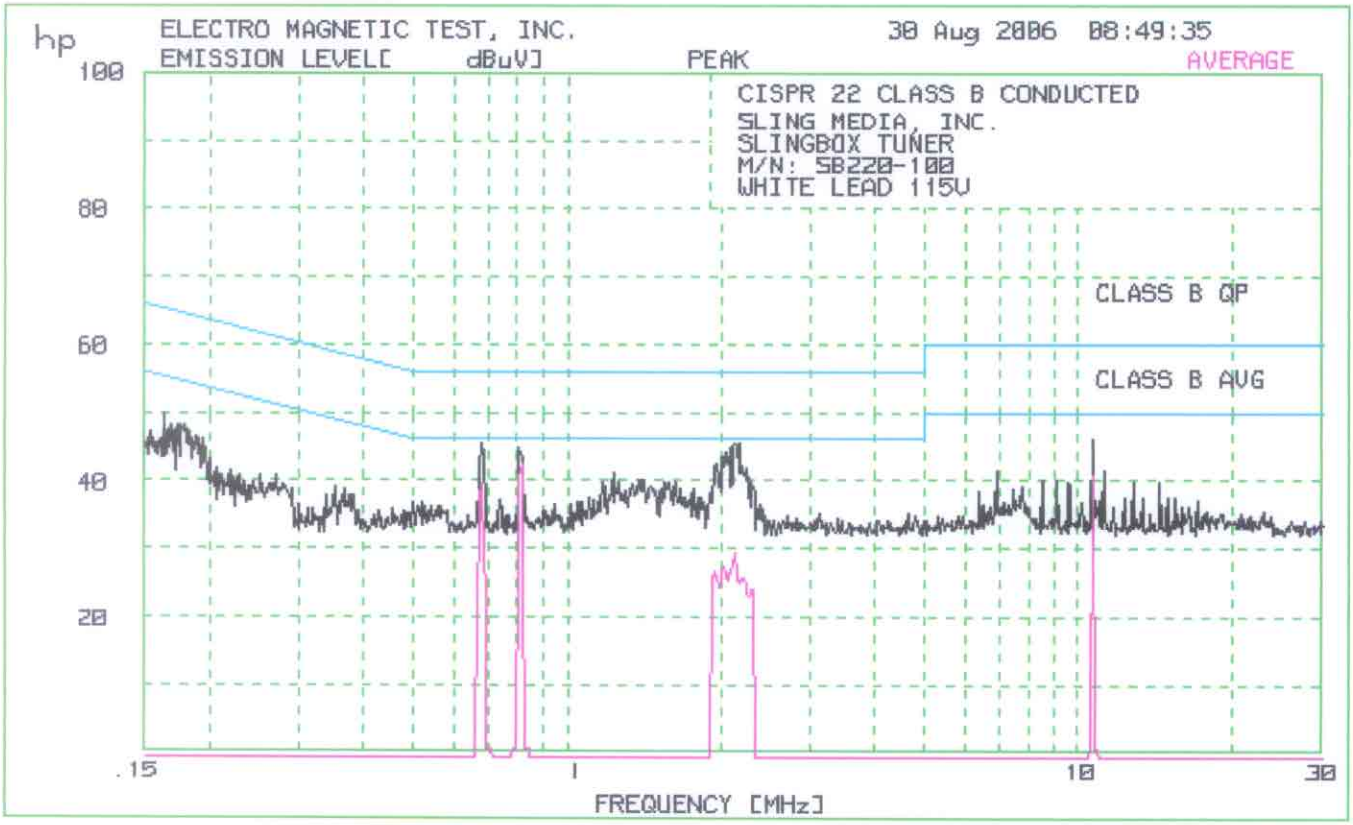
PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.8117	46.8	.8
2	.6816	45.6	-.4
3	2.138	43.6	-2.4
4	2.05	42.2	-3.8
5	1.739	41.6	-4.4
6	10.69	45.4	-4.6
7	2.093	41.3	-4.7
8	1.624	41.1	-4.9
9	1.548	40.9	-5.1
10	1.703	40.6	-5.4
11	1.5	40.5	-5.5
12	1.573	40.5	-5.5
13	1.676	40.5	-5.5
14	.6499	40.3	-5.7
15	.6603	40.2	-5.8
16	.7947	40.2	-5.8
17	.8695	40.2	-5.8
18	1.996	40.2	-5.8
19	.6263	40.1	-5.9
20	1.453	40.1	-5.9
21	.6673	40	-6.0
22	.7458	40	-6.0
23	1.393	40	-6.0
24	.8379	39.9	-6.1
25	2.207	39.9	-6.1
26	.6397	39.8	-6.2
27	.7698	39.8	-6.2
28	.778	39.8	-6.2
29	1.641	39.7	-6.3
30	1.658	39.7	-6.3
31	.7111	39.6	-6.4
32	.8513	39.6	-6.4
33	.5815	39.5	-6.5
34	.8834	39.5	-6.5
35	1.371	39.5	-6.5
36	2.243	39.5	-6.5
37	.6003	39.4	-6.6
38	.7863	39.4	-6.6
39	.6164	39.3	-6.7
40	.7617	39.2	-6.8
41	1.965	39.2	-6.8
42	.9314	39.1	-6.9
43	1.43	39.1	-6.9
44	.5633	39	-7.0
45	.9023	39	-7.0
46	.6099	38.9	-7.1
47	.6962	38.9	-7.1
48	2.266	38.9	-7.1
49	.159	48.3	-7.2
50	.9216	38.8	-7.2
51	.5515	38.6	-7.4
52	.7225	38.6	-7.4
53	1.767	38.6	-7.4
54	1.934	38.6	-7.4
55	2.291	38.6	-7.4
56	.4806	38.8	-7.5
57	.4857	38.7	-7.5
58	1.22	38.5	-7.5
59	1.815	38.5	-7.5
60	.5149	38.4	-7.6

ELECTRO MAGNETIC TEST, INC. 30 Aug 2006 08:56:14

1. CONDUCTED WITH PRESELECTOR
   1.2 CISPR 22 CLASS B CONDUCTED

Avg Peaks above -50 dB of Limit Line #2
peak criteria = .1 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	.816	42.1	-3.9
2	.6816	39.1	-6.9
3	10.69	39.3	-10.7
4	2.116	28.5	-17.5
5	2.093	26.9	-19.1
6	2.039	26.6	-19.4
7	2.207	26.5	-19.5
8	.6962	25.1	-20.9


hp
ELECTRO MAGNETIC TEST, INC.
30 Aug 2006 08:49:35
EMISSION LEVEL[dBuV]
PEAK
AVERAGE
CISPR 22 CLASS B CONDUCTED
SLING MEDIA, INC.
SLINGBOX TUNER
M/N: SB220-100
WHITE LEAD 115V
CLASS B QP
CLASS B AVG
100
80
60
40
20
.15
1
10
30
FREQUENCY [MHz]

ELECTRO MAGNETIC TEST, INC. 30 Aug 2006 08:49:35

1. CONDUCTED WITH PRESELECTOR
   1.2 CISPR 22 CLASS B CONDUCTED

60 highest Peaks above -50 dB of Limit Line #2
peak criteria = .1 dB

PEAK#	FREQ (MHz)	(dBuV)	DELTA
1	2.138	45.6	-.4
2	.6852	45.4	-.6
3	2.172	45.4	-.6
4	2.082	44.8	-1.2
5	.8074	44.7	-1.3
6	2.039	44.1	-1.9
7	2.007	43.5	-2.5
8	1.965	42.6	-3.4
9	1.944	42.2	-3.8
10	2.196	42.2	-3.8
11	10.63	46.1	-3.9
12	2.231	41.8	-4.2
13	1.233	41	-5.0
14	.1641	49.7	-5.5
15	2.254	40.4	-5.6
16	1.378	40.2	-5.8
17	1.4	40.2	-5.8
18	1.624	39.8	-6.2
19	1.176	39.7	-6.3
20	1.266	39.7	-6.3
21	1.548	39.7	-6.3
22	.1796	48.1	-6.4
23	1.59	39.6	-6.4
24	2.291	39.6	-6.4
25	.1749	48.3	-6.4
26	.1767	48.1	-6.5
27	1.342	39.5	-6.5
28	1.565	39.5	-6.5
29	.1685	48.1	-6.9
30	1.453	39.1	-6.9
31	.1825	47.2	-7.1
32	1.253	38.9	-7.1
33	2.315	38.8	-7.2
34	.1721	47.5	-7.3
35	1.667	38.7	-7.3
36	1.767	38.6	-7.4
37	.1893	46.5	-7.5
38	1.3	38.5	-7.5
39	1.484	38.5	-7.5
40	1.516	38.5	-7.5
41	1.364	38.4	-7.6
42	.1954	46.1	-7.7
43	.1914	46.1	-7.8
44	1.903	38.1	-7.9
45	.1854	46.3	-7.9
46	1.749	38	-8.0
47	1.207	37.7	-8.3
48	1.28	37.6	-8.4
49	11.21	41.6	-8.4
50	1.703	37.5	-8.5
51	.1934	45.2	-8.6
52	1.109	37.4	-8.6
53	1.805	37.4	-8.6
54	6.924	41.4	-8.6
55	1.824	37.3	-8.7
56	.1532	47	-8.8
57	.7418	37.1	-8.9
58	1.127	37.1	-8.9
59	1.65	37.1	-8.9
60	1.73	37.1	-8.9

```
============================================================
ELECTRO MAGNETIC TEST, INC.       30 Aug 2006  08:49:35
============================================================
 1. CONDUCTED WITH PRESELECTOR
    1.2  CISPR 22 CLASS B CONDUCTED
============================================================
Avg Peaks above -50 dB of Limit Line #2
  peak criteria = .1 dB

PEAK#     FREQ (MHz)        (dBuV)         DELTA
  1          .816           42.4           -3.6
  2          .6852          39.4           -6.6
  3        10.63            40.7           -9.3
  4         2.127           29.3          -16.7
  5         2.105           27.9          -18.1
  6         2.028           27.2          -18.8
  7         2.082           27            -19.0
  8         1.934           26.5          -19.5
  9         1.954           26.1          -19.9
 10         2.207           25.8          -20.2
 11         2.315           24.1          -21.9
```

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CISPR 22 CLASS B - CONDUCTED EMISSIONS - 8-30-06

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

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PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

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APPENDIX B

TEST SETUP DIAGRAMS

EMT ELECTRO MAGNETIC TEST, INC.
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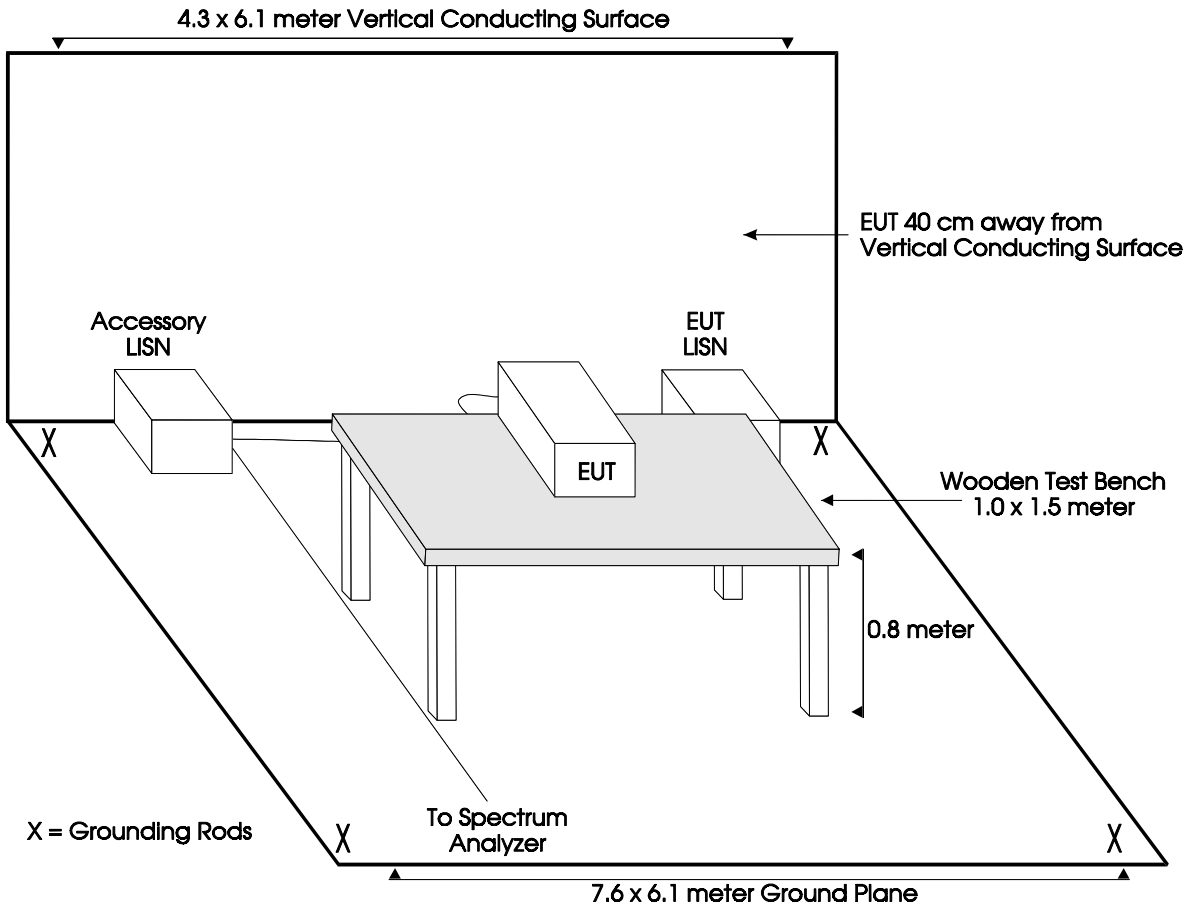

FIGURE 1

CONDUCTED EMISSIONS TEST SETUP – SITE "A"

EMT **ELECTRO MAGNETIC TEST, INC.**
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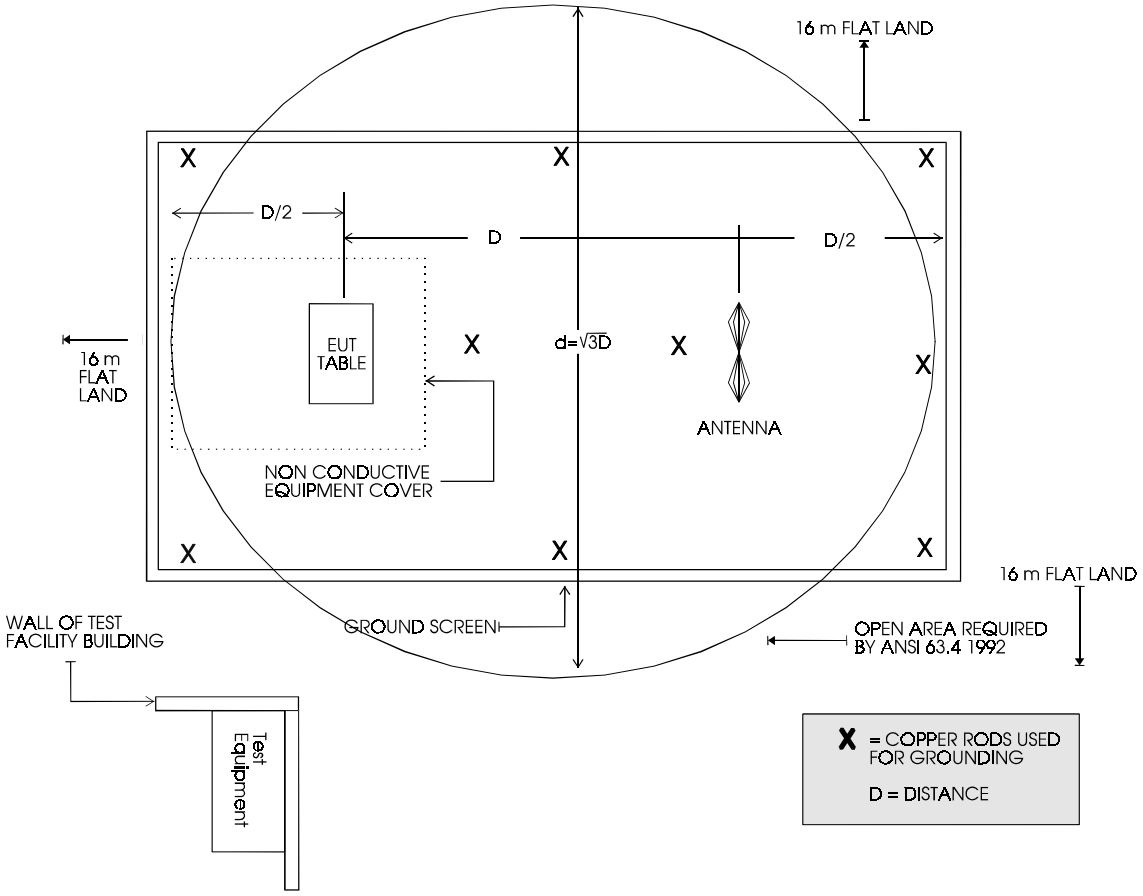

FIGURE 2

PLOT MAP AND LAYOUT OF TEST SITE "A"