FCC PART 15 SUBPART B and C
TEST REPORT

for

DIGITAL INPUT TRANSMITTER

MODEL: MWTD-S9

Prepared for

MYE ENTERTAINMENT, LLC
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STEVENSON RANCH, CALIFORNIA 91381

Prepared by:_____

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DATE: DECEMBER 7, 2011

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GENERAL REPORT SUMMARY

Compatible Electronics Inc. generates this electromagnetic emission test report, 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:	Digital Input Transmitter Model: MWTD-S9 S/N: N/A
Product Description:	See Expository Statement
Modifications:	The EUT was not modified in order to meet the specifications.
Customer:	MYE Entertainment, LLC 25129 The Old Road, Suite 305 Stevenson Ranch, California 91381
Test Date(s):	November 11 and 15, 2011
Test Specifications:	Emission requirements CFR Title 47, Part 15, Subpart B; and Subpart C, Sections 15.205, 15.207, 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 to 30 MHz	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.207
2	Radiated RF Emissions 10 kHz to 9300 MHz (Transmit and Digital Portion)	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.209, and 15.249.

1. PURPOSE

This document is a qualification test report based on the emissions tests performed on the Digital Input Transmitter, Model: MWTD-S9. The emissions 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 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 emission tests described herein were performed at the test facility of Compatible Electronics, 114 Olinda Drive, Brea, California.

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

MYE Entertainment, LLC

Frank McDonald Director of Operations

Compatible Electronics Inc.

Kyle Fujimoto Test Engineer
James Ross Test Engineer

2.4 Date Test Sample was Received

The test sample was received prior to the date of testing.

2.5 Disposition of the Test Sample

The test sample has not yet been returned as of the date of this report.

2.6 Abbreviations and Acronyms

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

FCC	Federal Communications Commission
RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
ITE	Information Technology Equipment
LISN	Line Impedance Stabilization Network
NVLAP	National Voluntary Laboratory Accreditation Program
CFR	Code of Federal Regulations
N/A	Not Applicable
Ltd.	Limited
Inc.	Incorporated
LLC	Limited Liability Corporation
NCR	No Calibration Required

3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this emissions test report.

SPEC	TITLE
CFR Title 47, Part 15	FCC Rules – Radio frequency devices (including digital devices)
ANSI C63.4: 2009	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 – Emissions

Digital Configuration: The Digital Input Transmitter, Model: MWTD-S9 (EUT) was connected to a power supply and an Analog to Digital Audio Converter via its power and optical ports, respetively. The Analog to Digital Audio Converter was also connected to a CD player and power supply via its audio in and power ports, respectively.

Analog Configuration: The Digital Input Transmitter, Model: MWTD-S9 (EUT) was connected to a power supply and a CD player vits its power and audio input ports, respectively.

During the tests, the EUT was transmitting music respectively over its low, middle, and high channels, which it received from the portable CD player (in the Optical mode, via the A-to-D Audio Converter). This transmitted music could be heard (verified) over the Compatible Electronics spectrum analyzer's quasi-peak adapter audio speaker.

It was determined that the emissions were at their highest level when the EUT was operating in the above configurations. The final emissions data were taken in both modes of operation and any cables were maximized. All initial investigations were performed with the measurement receiver in manual mode scanning the frequency range continuously. Photographs of the test setup are in Appendix D of this report.

4.1.1 Cable Construction and Termination

Cable 1 **Both Configurations:** This is a 2-meter unshielded cable connecting the EUT to its AC Adapter The cable has a metallic barrel power connector at the EUT end and is hard wired into the AC Adapter.

Cable 2 **Digital Configuration Only:** This is a 2.2-meter unshielded cable connecting the CD player to the Analog to Digital Audio Converter. The cable has dual RCA jacks at the Analog to Digital Audio Converter end and an eighth inch stereo jack at the CD player end. The cable was bundled to a length of 1-meter.

Cable 3 **Analog Configuration Only:** This is a 2.2-meter unshielded cable connecting the CD player to the EUT. The cable has dual RCA jacks at the EUT end and an eighth inch stereo jack at the CD player end. The cable was bundled to a length of 1-meter.

Cable 4 **Digital Configuration Only:** This is a 2-meter unshielded cable connecting the Analog to Digital Audio Converter to its AC Adapter. The cable has a metallic barrel power connector at the Analog to Digital Audio Converter end and is hard wired into the AC Adapter.

Cable 5 **Digital Configuration Only:** This is an optical cable connecting the Analog to Digital Audio Converter to the EUT. This cable is not an RF cable.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
DIGITAL INPUT TRANSMITTER (EUT)	MYE ENTERTAINMENT, LLC	MWTD-S9	N/A	UH4MWTDS9 IC: 6662A-MWTDS9
PORTABLE CD PLAYER	DURABRAND	CD-566	N/A	N/A
ANALOG TO DIGITAL AUDIO CONVERTER	N/A	N/A	N/A	N/A
AC ADAPTER FOR ANALOG TO DIGITAL AUDIO CONVERTER	FULL POWER	SAW-050200	N/A	N/A
AC ADAPTER FOR EUT	N/A	U090030D	N/A	N/A

5.2 Emissions 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	2637A03618	May 27, 2011	May 27, 2012
Spectrum Analyzer – Display Section	Hewlett Packard	85662A	2648A13404	May 27, 2011	May 27, 2012
Quasi-Peak Adapter	Hewlett Packard	85650A	2430A00424	May 27, 2011	May 27, 2012
EMI Receiver	Rohde & Schwarz	ESIB40	100194	November 19, 2010	November 19, 2012
Monitor	Hewlett Packard	D5258A	TW74500641	N/A	N/A
RF RADIATED EMISSIONS TEST EQUIPMENT					
Loop Antenna	Com-Power	AL-130	17089	January 21, 2011	January 21, 2012
Biconical Antenna	Com Power	AB-900	15250	June 8, 2011	June 8, 2012
Log Periodic Antenna	Com Power	AL-100	16252	June 8, 2011	June 8, 2012
Horn Antenna	Com-Power	AH-118	071175	March 18, 2010	March 18, 2012
Microwave Preamplifier	Com-Power	PA-102	1017	January 11, 2011	January 12, 2012
Microwave Preamplifier	Com-Power	PA-118	181656	December 22, 2010	December 22, 2011
Antenna Mast	Com Power	AM-100	N/A	N/A	N/A

6. TEST SITE DESCRIPTION

6.1 Test Facility Description

Please refer to section 2.1 and 7.1.2 of this report for emissions 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 not grounded.

6.3 Facility Environmental Characteristics

When applicable refer to the data sheets in Appendix E for the relative humidity, air temperature, and barometric pressure.

7. TEST PROCEDURES

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

7.1 RF Emissions

7.1.1 Conducted Emissions Test

The measurement receiver was used as a measuring meter. The data was collected with the measurement receiver 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 measurement receiver's input stage, and the offset was adjusted accordingly to read the actual data measured. The LISN output was measured using the measurement receiver. 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 ANSI C63.4. 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, Sections 15.207, 15.209 and 15.249.

7.1.2 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, the Com-Power Microwave Preamplifier Model: PA-118 was used for frequencies from 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 records the highest measured reading over all the sweeps.

The quasi-peak adapter was used only for those readings which are marked accordingly on the data sheets.

The frequencies above 1 GHz were averaged by using a video bandwidth of 10 Hz.

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 1000 MHz	120 kHz	Log Periodic Antenna
1000 MHz to 9300 MHz	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 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. The loop antenna was also rotated in the horizontal and vertical axis in order to ensure accurate results.

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, except below 30 MHz, where the EUT was tested at a 10-meter test distance 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 15.249.

7.1.3 RF Emissions Test Results

Table 1.0 CONDUCTED EMISSION RESULTS
Digital Input Transmitter, Model: MWTD-S9

Frequency MHz	Corrected Reading* dBuV	Specification Limit dBuV	Delta (Cor. Reading – Spec. Limit) dB
0.637 (WL) (Analog)	41.87	46.00	-4.13
0.641 (BL) (Digital)	41.12 **(Avg)**	46.00	-4.88
0.637 (BL) (Analog)	40.53 **(Avg)**	46.00	-5.47
0.637 (WL) (Digital)	38.27 **(Avg)**	46.00	-7.73
0.157 (BL) (Digital)	47.62	55.64	-8.02
0.252 (BL) (Digital)	41.54	51.68	-10.14

Table 2.0 RADIATED EMISSION RESULTS
Digital Input Transmitter, Model: MWTD-S9

Frequency MHz	Corrected Reading* dBuV	Specification Limit dBuV	Delta (Cor. Reading – Spec. Limit) dB
915.19 (Z-Axis) (Digital) (Horizontal)	91.37	94.00	-2.63
903.64 (X-Axis) (Analog) (Horizontal)	90.99	94.00	-3.01
903.64 (Y-Axis) (Digital) (Horizontal)	90.69	94.00	-3.31
903.64 (X-Axis) (Digital) (Horizontal)	89.79	94.00	-4.21
903.64 (X-Axis) (Digital) (Vertical)	89.29	94.00	-4.71
915.19 (X-Axis) (Analog) (Horizontal)	89.27	94.00	-4.73

Notes: * The complete emissions data is given in Appendix E of this report.

8. CONCLUSIONS

The Digital Input Transmitter, Model: MWTD-S9 (EUT), as tested, meets all of the **Class B** specification limits defined by 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 ACCREDITATIONS AND RECOGNITIONS

LABORATORY ACCREDITATIONS AND RECOGNITIONS

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

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

NVLAP listing links

Agoura Division / **Brea Division** / **Silverado/Lake Forest Division**

.Quote from ISO-ILAC-IAF Communiqué on 17025:

"A laboratory's fulfilment of the requirements of ISO/IEC 17025:2005 means the laboratory meets both the technical competence requirements and management Systems requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management Systems requirements in ISO/IEC 17025:2005 (Section 4) are written in language relevant to laboratory operations and meet the principles of ISO 9001:2008 Quality Management Systems — Requirements."

ANSI listing CETCB

Compatible Electronics has been nominated as a Conformity Assessment Body (CAB) for EMC under the US/EU Mutual Recognition Agreement (MRA).
US/EU MRA list NIST MRA site

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).
APEC MRA list NIST MRA site

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

VCCI Support member: Please visit http://www.vcci.jp/vcci_e/

FCC Listing, from FCC OET site
FCC test lab search https://fjallfoss.fcc.gov/oetcf/eas/reports/TestFirmSearch.cfm

Compatible Electronics IC listing can be found at:
http://www.ic.gc.ca/eic/site/ic1.nsf/eng/home

APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.249 and/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 modification 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

Digital Input Transmitter
Model: MWTD-S9
S/N: N/A

ALSO APPROVED UNDER THIS REPORT:

There were no additional models covered under this report.

APPENDIX D

DIAGRAMS, CHARTS, AND PHOTOS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

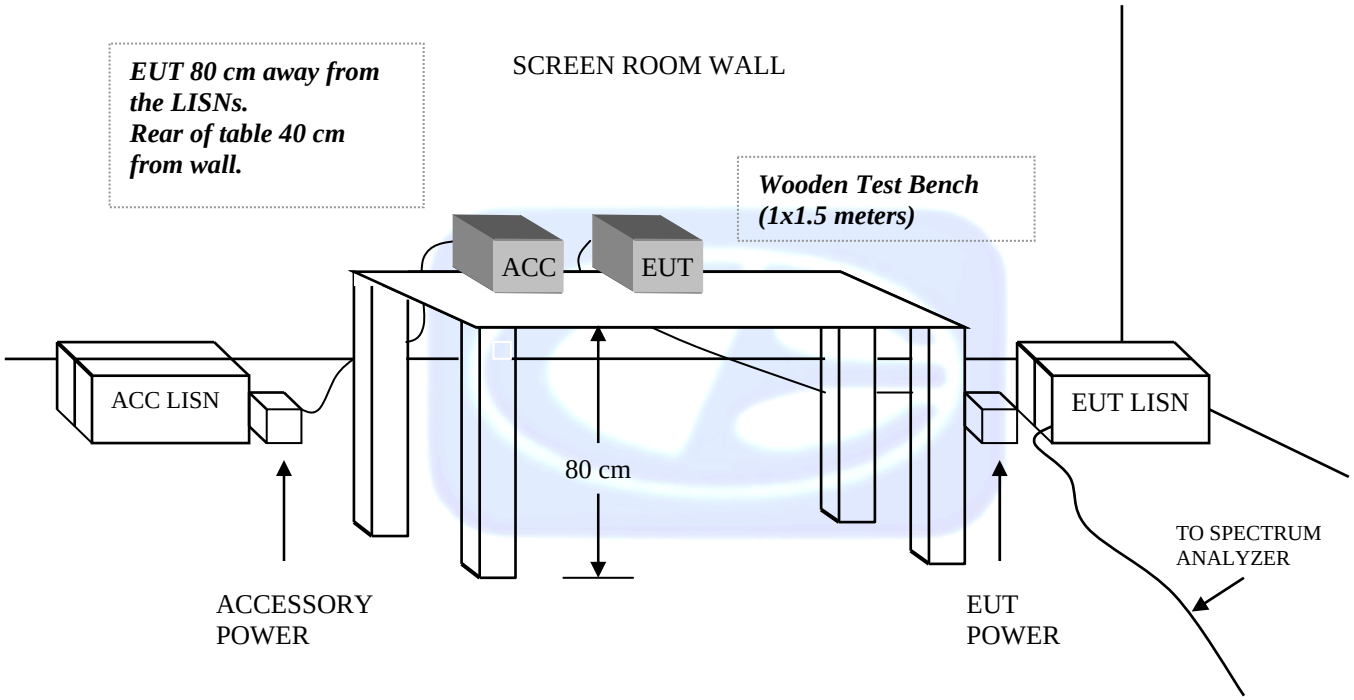
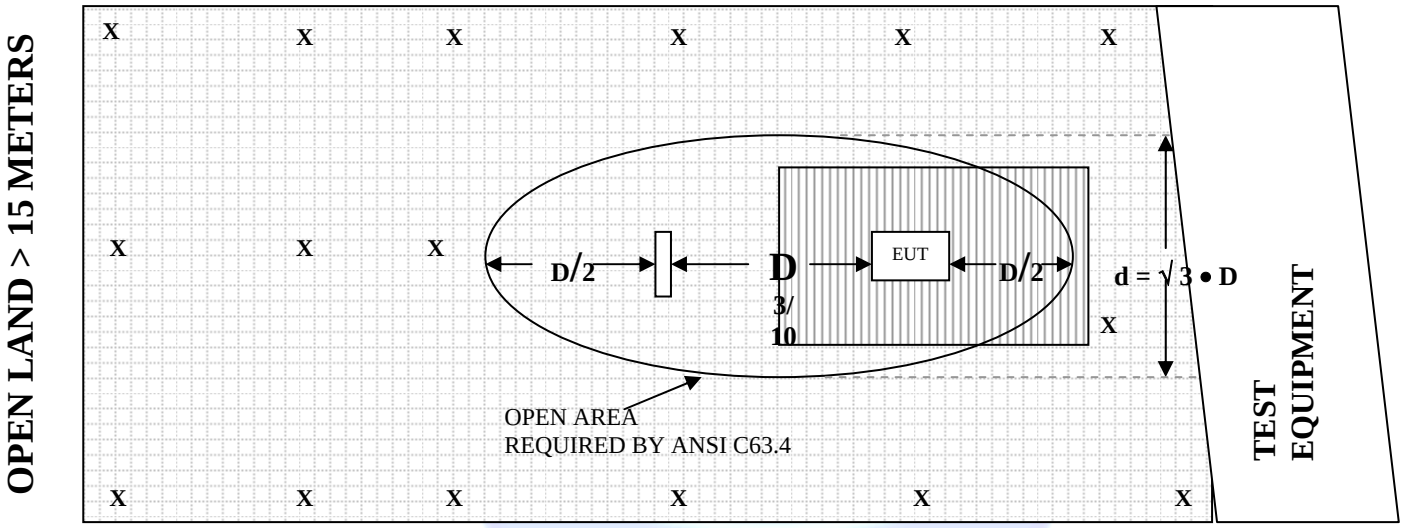


FIGURE 2: PLOT MAP AND LAYOUT OF RADIATED SITE – 3 METERS

OPEN LAND > 15 METERS



OPEN LAND > 15 METERS

X = GROUND RODS	= GROUND SCREEN
D = TEST DISTANCE (meters)	= WOOD COVER

COM-POWER AL-130

LOOP ANTENNA

S/N: 17089

CALIBRATION DATE: JANUARY 21, 2011

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-41.9	9.6
0.01	-41.79	9.71
0.02	-41.43	10.07
0.05	-41.53	9.97
0.07	-41.47	10.03
0.1	-41.44	10.06
0.2	-41.61	9.89
0.3	-41.62	9.88
0.5	-41.66	9.84
0.7	-41.48	10.02
1	-41.13	10.37
2	-40.89	10.61
3	-41.00	10.50
4	-41.14	10.36
5	-41.02	10.48
10	-40.69	10.82
15	-40.41	11.09
20	-41.07	10.43
25	-42.10	9.40
30	-41.15	10.35

COM-POWER AB-900

BICONICAL ANTENNA

S/N: 15250

CALIBRATION DATE: JUNE 8, 2011

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	10.90	100	9.50
35	11.00	120	12.10
40	11.80	140	11.40
45	11.60	160	12.40
50	11.40	180	15.70
60	9.80	200	16.20
70	7.00	250	16.10
80	5.70	275	19.00
90	7.00	300	9.50

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 16252

CALIBRATION DATE: JUNE 8, 2011

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	13.30	700	20.40
400	15.50	800	20.60
500	15.80	900	20.10
600	20.20	1000	22.80

COM POWER AH-118

HORN ANTENNA

S/N: 071175

CALIBRATION DATE: MARCH 18, 2010

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	22.2	10.0	39.8
1.5	24.2	10.5	40.2
2.0	27.2	11.0	39.7
2.5	27.8	11.5	39.9
3.0	30.5	12.0	41.7
3.5	30.9	12.5	42.7
4.0	31.9	13.0	42.3
4.5	33.2	13.5	40.3
5.0	33.6	14.0	42.6
5.5	36.2	14.5	43.4
6.0	35.8	15.0	41.9
6.5	36.1	15.5	40.8
7.0	37.9	16.0	41.0
7.5	37.4	16.5	41.5
8.0	38.0	17.0	44.5
8.5	38.8	17.5	47.6
9.0	38.0	18.0	50.8
9.5	39.2		

COM-POWER PA-102

PREAMPLIFIER

S/N: 1017

CALIBRATION DATE: JANUARY 11, 2011

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	38.1	300	38.1
40	38.2	350	38.0
50	38.2	400	37.9
60	38.2	450	37.7
70	38.2	500	37.6
80	38.2	550	37.9
90	38.2	600	37.9
100	38.1	650	37.7
125	38.2	700	37.9
150	38.2	750	37.5
175	38.2	800	37.6
200	38.2	850	37.6
225	38.2	900	37.0
250	38.2	950	37.2
275	38.2	1000	36.8

COM-POWER PA-118

PREAMPLIFIER

S/N: 181656

CALIBRATION DATE: DECEMBER 22, 2010

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	24.90	10.0	26.07
1.5	26.50	10.5	24.97
2.0	26.79	11.0	24.79
2.5	26.90	11.5	24.33
3.0	27.03	12.0	24.24
3.5	26.94	12.5	24.92
4.0	27.18	13.0	24.52
4.5	26.79	13.5	24.33
5.0	26.25	14.0	24.56
5.5	26.16	14.5	24.99
6.0	25.52	15.0	26.06
6.5	25.29	15.5	26.87
7.0	24.45	16.0	25.95
7.5	24.18	16.5	24.69
8.0	24.02	17.0	24.20
8.5	24.54	17.5	25.12
9.0	24.91	18.0	26.03
9.5	25.42		

FRONT VIEW

MYE ENTERTAINMENT, LLC
DIGITAL INPUT TRANSMITTER
MODEL: MWTD-S9
FCC SUBPART B AND C – ANALOG CONFIGURATION – RADIATED EMISSIONS – 11/11/11

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

MYE ENTERTAINMENT, LLC
DIGITAL INPUT TRANSMITTER
MODEL: MWTD-S9
FCC SUBPART B AND C – ANALOG CONFIGURATION – RADIATED EMISSIONS – 11/11/11

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

FRONT VIEW

MYE ENTERTAINMENT, LLC
DIGITAL INPUT TRANSMITTER
MODEL: MWTD-S9
FCC SUBPART B AND C – DIGITAL CONFIGURATION – RADIATED EMISSIONS – 11/11/11

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

MYE ENTERTAINMENT, LLC
DIGITAL INPUT TRANSMITTER
MODEL: MWTD-S9
FCC SUBPART B AND C – DIGITAL CONFIGURATION – RADIATED EMISSIONS – 11/11/11

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

FRONT VIEW

MYE ENTERTAINMENT, LLC
DIGITAL INPUT TRANSMITTER
MODEL: MWTD-S9
FCC SUBPART B AND C – ANALOG CONFIGURATION – RADIATED EMISSIONS – 11/11/11

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

MYE ENTERTAINMENT, LLC
DIGITAL INPUT TRANSMITTER
MODEL: MWTD-S9
FCC SUBPART B AND C – ANALOG CONFIGURATION – CONDUCTED EMISSIONS – 11/11/11

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

FRONT VIEW

MYE ENTERTAINMENT, LLC
DIGITAL INPUT TRANSMITTER
MODEL: MWTD-S9
FCC SUBPART B AND C – DIGITAL CONFIGURATION – CONDUCTED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

MYE ENTERTAINMENT, LLC
DIGITAL INPUT TRANSMITTER
MODEL: MWTD-S9
FCC SUBPART B AND C – DIGITAL CONFIGURATION – CONDUCTED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
X-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	84.19	V	94	-9.81	Peak	1	180	
1807.28	44.55	V	74	-29.45	Peak	1	270	
1807.28	40.16	V	54	-13.84	Avg	1	270	
2710.92	41.66	V	74	-32.34	Peak	1	180	
2710.92	31.73	V	54	-22.27	Avg	1	180	
3614.56	41.34	V	74	-32.66	Peak	1	180	
3614.56	30.82	V	54	-23.18	Avg	1	180	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
Y-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	86.99	V	94	-7.01	Peak	1	180	
1807.28	42.45	V	74	-31.55	Peak	1.25	155	
1807.28	39.92	V	54	-14.08	Avg	1.25	155	
2710.92	39.81	V	74	-34.19	Peak	1.25	315	
2710.92	27.32	V	54	-26.68	Avg	1.25	315	
3614.56	40.15	V	74	-33.85	Peak	1.35	155	
3614.56	28.07	V	54	-25.93	Avg	1.35	155	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
Z-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	88.69	V	94	-5.31	Peak	1	180	
1807.28	45.74	V	74	-28.26	Peak	1.25	315	
1807.28	43.77	V	54	-10.23	Avg	1.25	315	
2710.92	37.19	V	74	-36.81	Peak	1.15	225	
2710.92	24.44	V	54	-29.56	Avg	1.15	225	
3614.56	41.75	V	74	-32.25	Peak	1.25	155	
3614.56	29.05	V	54	-24.95	Avg	1.25	155	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
X-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	90.99	H	94	-3.01	Peak	1	180	
1807.28	42.59	H	74	-31.41	Peak	1.25	225	
1807.28	39.91	H	54	-14.09	Avg	1.25	225	
2710.92	39.53	H	74	-34.47	Peak	1.55	155	
2710.92	27.18	H	54	-26.82	Avg	1.55	155	
3614.56	39.47	H	74	-34.53	Peak	1.25	145	
3614.56	27.01	H	54	-26.99	Avg	1.25	145	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
Y-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	86.49	H	94	-7.51	Peak	1	180	
1807.28	43.36	H	74	-30.64	Peak	1.25	155	
1807.28	40.73	H	54	-13.27	Avg	1.25	155	
2710.92	38.78	H	74	-35.22	Peak	1.25	145	
2710.92	25.75	H	54	-28.25	Avg	1.25	145	
3614.56								**No Emission**
3614.56								**Detected**
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
Z-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	87.49	H	94	-6.51	Peak	1	180	
1807.28	39.86	H	74	-34.14	Peak	1.25	155	
1807.28	35.85	H	54	-18.15	Avg	1.25	155	
2710.92	40.69	H	74	-33.31	Peak	1.35	165	
2710.92	29.72	H	54	-24.28	Avg	1.35	165	
3614.56	39.77	H	74	-34.23	Peak	1.45	175	
3614.56	28.27	H	54	-25.73	Avg	1.45	175	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
X-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	84.67	V	94	-9.33	Peak	1	180	
1830.38	42.51	V	74	-31.49	Peak	1.25	155	
1830.38	31.33	V	54	-22.67	Avg	1.25	155	
2745.57	38.29	V	74	-35.71	Peak	1.25	165	
2745.57	26.91	V	54	-27.09	Avg	1.25	165	
3660.76	41.28	V	74	-32.72	Peak	1.25	165	
3660.76	30.87	V	54	-23.13	Avg	1.25	165	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
Y-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	84.57	V	94	-9.43	Peak	1	180	
1830.38	40.79	V	74	-33.21	Peak	1.25	155	
1830.38	37.17	V	54	-16.83	Avg	1.25	155	
2745.57	39.31	V	74	-34.69	Peak	1.55	165	
2745.57	27.16	V	54	-26.84	Avg	1.55	165	
3660.76	40.59	V	74	-33.41	Peak	1.55	165	
3660.76	27.31	V	54	-26.69	Avg	1.55	165	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
Z-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	86.67	V	94	-7.33	Peak	1	180	
1830.38	43.47	V	74	-30.53	Peak	1.25	155	
1830.38	40.94	V	54	-13.06	Avg	1.25	155	
2745.57	37.18	V	74	-36.82	Peak	1.55	165	
2745.57	24.57	V	54	-29.43	Avg	1.55	165	
3660.76	41.36	V	74	-32.64	Peak	1.25	155	
3660.76	27.55	V	54	-26.45	Avg	1.25	155	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
X-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	89.27	H	94	-4.73	Peak	1	180	
1830.38	42.83	H	74	-31.17	Peak	1.25	155	
1830.38	40.21	H	54	-13.79	Avg	1.25	155	
2745.57	38.66	H	74	-35.34	Peak	1.55	165	
2745.57	24.68	H	54	-29.32	Avg	1.55	165	
3660.76	39.31	H	74	-34.69	Peak	1.25	175	
3660.76	29.28	H	54	-24.72	Avg	1.25	175	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
Y-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	82.97	H	94	-11.03	Peak	1	180	
1830.38	41.38	H	74	-32.62	Peak	1.25	155	
1830.38	36.63	H	54	-17.37	Avg	1.25	155	
2745.57	37.07	H	74	-36.93	Peak	1.15	135	
2745.57	25.57	H	54	-28.43	Avg	1.15	135	
3660.76	42.11	H	74	-31.89	Peak	1.15	135	
3660.76	26.91	H	54	-27.09	Avg	1.15	135	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
Z-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	87.57	H	94	-6.43	Peak	1	180	
1830.38	40.46	H	74	-33.54	Peak	1.25	155	
1830.38	36.34	H	54	-17.66	Avg	1.25	155	
2745.57	39.81	H	74	-34.19	Peak	1.25	145	
2745.57	31.39	H	54	-22.61	Avg	1.25	145	
3660.76	41.77	H	74	-32.23	Peak	1.55	165	
3660.76	29.21	H	54	-24.79	Avg	1.55	165	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
X-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	82.75	V	94	-11.25	Peak	1	180	
1853.94	38.35	V	74	-35.65	Peak	1.25	135	
1853.94	34.01	V	54	-19.99	Avg	1.25	135	
2780.91	39.54	V	74	-34.46	Peak	1.35	145	
2780.91	28.05	V	54	-25.95	Avg	1.35	145	
3707.88	42.45	V	74	-31.55	Peak	1.35	145	
3707.88	30.16	V	54	-23.84	Avg	1.35	145	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
Y-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	82.85	V	94	-11.15	Peak	1	180	
1853.94	40.13	V	74	-33.87	Peak	1.25	155	
1853.94	35.13	V	54	-18.87	Avg	1.25	155	
2780.91	40.75	V	74	-33.25	Peak	1.25	155	
2780.91	31.01	V	54	-22.99	Avg	1.25	155	
3707.88	40.29	V	74	-33.71	Peak	1.55	165	
3707.88	27.11	V	54	-26.89	Avg	1.55	165	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
Z-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	84.65	V	94	-9.35	Peak	1	180	
1853.94	40.37	V	74	-33.63	Peak	1.25	155	
1853.94	37.04	V	54	-16.96	Avg	1.25	155	
2780.91	37.09	V	74	-36.91	Peak	1.55	165	
2780.91	25.45	V	54	-28.55	Avg	1.55	165	
3707.88	40.43	V	74	-33.57	Peak	1.55	165	
3707.88	27.57	V	54	-26.43	Avg	1.55	165	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
X-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	88.12	H	94	-5.88	Peak	1	180	
1853.94	43.57	H	74	-30.43	Peak	1.25	155	
1853.94	40.81	H	54	-13.19	Avg	1.25	155	
2780.91	37.75	H	74	-36.25	Peak	1.25	165	
2780.91	24.96	H	54	-29.04	Avg	1.25	165	
3707.88	38.93	H	74	-35.07	Peak	1.55	175	
3707.88	26.85	H	54	-27.15	Avg	1.55	175	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
Y-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	85.85	H	95	-9.15	Peak	1	180	
1853.94	40.07	H	74	-33.93	Peak	1.25	155	
1853.94	34.32	H	54	-19.68	Avg	1.25	155	
2780.91	39.25	H	74	-34.75	Peak	1.55	165	
2780.91	26.15	H	54	-27.85	Avg	1.55	165	
3707.88	41.96	H	74	-32.04	Peak	1.58	175	
3707.88	28.97	H	54	-25.03	Avg	1.58	175	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
Z-Axis - Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	84.75	H	94	-9.25	Peak	1	180	
1853.94	39.37	H	74	-34.63	Peak	1.25	155	
1853.94	34.35	H	54	-19.65	Avg	1.25	155	
2780.91	39.79	H	74	-34.21	Peak	1.35	165	
2780.91	31.87	H	54	-22.13	Avg	1.35	165	
3707.88	40.34	H	74	-33.66	Peak	1.25	175	
3707.88	27.09	H	54	-26.91	Avg	1.25	175	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249 and FCC Class B

MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Digital Portion and Non-Harmonic Emissions from the Tx
Vertical and Horizontal Polarization - 1 GHz to 25 GHz
Analog Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No emissions were
								detected for the digital portion
								Tested in the X-Axis,
								Y-Axis, and Z-Axis
								No emissions were
								detected for the non-harmonic
								emissions from the Tx
								Tested in the X-Axis,
								Y-Axis, and Z-Axis

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
X-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	89.29	V	94	-4.71	Peak	1	180	
1807.28	37.61	V	74	-36.39	Peak	1.25	155	
1807.28	30.88	V	54	-23.12	Avg	1.25	155	
2710.92	38.53	V	74	-35.47	Peak	1.35	165	
2710.92	29.76	V	54	-24.24	Avg	1.35	165	
3614.56	41.41	V	74	-32.59	Peak	1.25	175	
3614.56	29.81	V	54	-24.19	Avg	1.25	175	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
Y-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	85.59	V	94	-8.41	Peak	1	180	
1807.28	41.41	V	74	-32.59	Peak	1.25	155	
1807.28	37.08	V	54	-16.92	Avg	1.25	155	
2710.92	37.94	V	74	-36.06	Peak	1.35	165	
2710.92	26.39	V	54	-27.61	Avg	1.35	165	
3614.56	40.81	V	74	-33.19	Peak	1.25	175	
3614.56	26.81	V	54	-27.19	Avg	1.25	175	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
Z-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	86.25	V	94	-7.75	Peak	1	180	
1807.28	41.88	V	74	-32.12	Peak	1.25	155	
1807.28	38.77	V	54	-15.23	Avg	1.25	155	
2710.92	36.84	V	74	-37.16	Peak	1.35	165	
2710.92	24.72	V	54	-29.28	Avg	1.35	165	
3614.56	40.16	V	74	-33.84	Peak	1.25	175	
3614.56	26.73	V	54	-27.27	Avg	1.25	175	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
X-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	89.79	H	94	-4.21	Peak	1	180	
1807.28	42.13	H	74	-31.87	Peak	1.25	155	
1807.28	39.12	H	54	-14.88	Avg	1.25	155	
2710.92	38.14	H	74	-35.86	Peak	1.25	155	
2710.92	27.97	H	54	-26.03	Avg	1.25	155	
3614.56	41.64	H	74	-32.36	Peak	1.55	135	
3614.56	26.97	H	54	-27.03	Avg	1.55	135	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
Y-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	90.69	H	94	-3.31	Peak	1	180	
1807.28	38.81	H	74	-35.19	Peak	1.25	155	
1807.28	34.26	H	54	-19.74	Avg	1.25	155	
2710.92	36.64	H	74	-37.36	Peak	1.25	145	
2710.92	23.84	H	54	-30.16	Avg	1.25	145	
3614.56	42.06	H	74	-31.94	Peak	1.25	135	
3614.56	34.49	H	54	-19.51	Avg	1.25	135	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Low Channel - Transmit Mode
Z-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	84.05	H	94	-9.95	Peak	1	180	
1807.28	41.21	H	74	-32.79	Peak	1.25	225	
1807.28	38.46	H	54	-15.54	Avg	1.25	225	
2710.92	40.69	H	74	-33.31	Peak	1.25	315	
2710.92	34.37	H	54	-19.63	Avg	1.25	315	
3614.56	40.44	H	74	-33.56	Peak	1.15	225	
3614.56	30.01	H	54	-23.99	Avg	1.15	225	
4518.2								**No Emission**
4518.2								**Detected**
5421.8								**No Emission**
5421.8								**Detected**
6325.4								**No Emission**
6325.4								**Detected**
7229.1								**No Emission**
7229.1								**Detected**
8132.7								**No Emission**
8132.7								**Detected**
9036.4								**No Emission**
9036.4								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
X-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	86.37	V	94	-7.63	Peak	1	180	
1830.38	35.72	V	74	-38.28	Peak	1.25	135	
1830.38	29.35	V	54	-24.65	Avg	1.25	135	
2745.57	37.78	V	74	-36.22	Peak	1.55	145	
2745.57	27.36	V	54	-26.64	Avg	1.55	145	
3660.76	41.13	V	74	-32.87	Peak	1.25	155	
3660.76	27.47	V	54	-26.53	Avg	1.25	155	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
Y-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	89.17	V	94	-4.83	Peak	1	180	
1830.38	38.96	V	74	-35.04	Peak	1.25	315	
1830.38	34.43	V	54	-19.57	Avg	1.25	315	
2745.57	39.46	V	74	-34.54	Peak	1.15	225	
2745.57	25.89	V	54	-28.11	Avg	1.15	225	
3660.76	38.71	V	74	-35.29	Peak	1.25	135	
3660.76	26.51	V	54	-27.49	Avg	1.25	135	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
Z-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	84.27	V	94	-9.73	Peak	1	180	
1830.38	39.59	V	74	-34.41	Peak	1.25	315	
1830.38	33.22	V	54	-20.78	Avg	1.25	315	
2745.57	36.51	V	74	-37.49	Peak	1.35	225	
2745.57	23.87	V	54	-30.13	Avg	1.35	225	
3660.76	41.32	V	74	-32.68	Peak	1.25	145	
3660.76	26.68	V	54	-27.32	Avg	1.25	145	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
X-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	88.27	H	94	-5.73	Peak	1	180	
1830.38	42.97	H	74	-31.03	Peak	1.25	225	
1830.38	40.36	H	54	-13.64	Avg	1.25	225	
2745.57	41.91	H	74	-32.09	Peak	1.55	235	
2745.57	24.73	H	54	-29.27	Avg	1.55	235	
3660.76	41.42	H	74	-32.58	Peak	1.25	225	
3660.76	26.57	H	54	-27.43	Avg	1.25	225	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
Y-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	83.87	H	94	-10.13	Peak	1	180	
1830.38	38.21	H	74	-35.79	Peak	1.25	225	
1830.38	33.82	H	54	-20.18	Avg	1.25	225	
2745.57	36.98	H	74	-37.02	Peak	1.55	135	
2745.57	24.73	H	54	-29.27	Avg	1.55	135	
3660.76	38.91	H	74	-35.09	Peak	1.25	155	
3660.76	26.51	H	54	-27.49	Avg	1.25	155	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Middle Channel - Transmit Mode
Z-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
915.19	91.37	H	94	-2.63	Peak	1	180	
1830.38	40.59	H	74	-33.41	Peak	1.25	155	
1830.38	37.83	H	54	-16.17	Avg	1.25	155	
2745.57	39.97	H	74	-34.03	Peak	1.25	165	
2745.57	30.21	H	54	-23.79	Avg	1.25	165	
3660.76	41.41	H	74	-32.59	Peak	1.25	185	
3660.76	26.67	H	54	-27.33	Avg	1.25	185	
4575.95								**No Emission**
4575.95								**Detected**
5491.14								**No Emission**
5491.14								**Detected**
6406.33								**No Emission**
6406.33								**Detected**
7321.52								**No Emission**
7321.52								**Detected**
8236.71								**No Emission**
8236.71								**Detected**
9151.9								**No Emission**
9151.9								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
X-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	84.95	V	94	-9.05	Peak	1	180	
1853.94	37.32	V	74	-36.68	Peak	1.25	225	
1853.94	30.89	V	54	-23.11	Avg	1.25	225	
2780.91	37.68	V	74	-36.32	Peak	1.55	315	
2780.91	24.71	V	54	-29.29	Avg	1.55	315	
3707.88	40.86	V	74	-33.14	Peak	1.25	155	
3707.88	29.21	V	54	-24.79	Avg	1.25	155	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
Y-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	84.95	V	94	-9.05	Peak	1	180	
1853.94	40.63	V	74	-33.37	Peak	1.25	155	
1853.94	35.74	V	54	-18.26	Avg	1.25	155	
2780.91	38.49	V	74	-35.51	Peak	1.55	165	
2780.91	25.95	V	54	-28.05	Avg	1.55	165	
3707.88	39.07	V	74	-34.93	Peak	1.25	175	
3707.88	26.97	V	54	-27.03	Avg	1.25	175	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
Z-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	86.25	V	94	-7.75	Peak	1	180	
1853.94	40.58	V	74	-33.42	Peak	1.25	135	
1853.94	37.08	V	54	-16.92	Avg	1.25	135	
2780.91	37.42	V	74	-36.58	Peak	1.55	165	
2780.91	24.31	V	54	-29.69	Avg	1.55	165	
3707.88	39.81	V	74	-34.19	Peak	1.25	155	
3707.88	27.35	V	54	-26.65	Avg	1.25	155	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
X-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	88.12	H	94	-5.88	Peak	1	180	
1853.94	40.08	H	74	-33.92	Peak	1.25	155	
1853.94	35.85	H	54	-18.15	Avg	1.25	155	
2780.91	38.51	H	74	-35.49	Peak	1.55	165	
2780.91	24.85	H	54	-29.15	Avg	1.55	165	
3707.88	39.75	H	74	-34.25	Peak	1.25	225	
3707.88	26.93	H	54	-27.07	Avg	1.25	225	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
Y-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	87.55	H	95	-7.45	Peak	1	180	
1853.94	38.46	H	74	-35.54	Peak	1.25	155	
1853.94	32.56	H	54	-21.44	Avg	1.25	155	
2780.91	39.64	H	74	-34.36	Peak	1.55	165	
2780.91	25.16	H	54	-28.84	Avg	1.55	165	
3707.88	40.34	H	74	-33.66	Peak	1.25	175	
3707.88	30.58	H	54	-23.42	Avg	1.25	175	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

High Channel - Transmit Mode
Z-Axis - Optical Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
926.97	84.05	H	94	-9.95	Peak	1	180	
1853.94	37.57	H	74	-36.43	Peak	1.25	225	
1853.94	31.88	H	54	-22.12	Avg	1.25	225	
2780.91	39.71	H	74	-34.29	Peak	1.25	165	
2780.91	29.45	H	54	-24.55	Avg	1.25	165	
3707.88	40.23	H	74	-33.77	Peak	1.35	175	
3707.88	26.99	H	54	-27.01	Avg	1.35	175	
4634.85								**No Emission**
4634.85								**Detected**
5561.82								**No Emission**
5561.82								**Detected**
6488.79								**No Emission**
6488.79								**Detected**
7415.76								**No Emission**
7415.76								**Detected**
8342.73								**No Emission**
8342.73								**Detected**
9269.7								**No Emission**
9269.7								**Detected**

FCC 15.249 and FCC Class B
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/11/2011
Lab: B
Tested By: Kyle Fujimoto

Digital Portion and Non-Harmonic Emissions from the Tx
Vertical and Horizontal Polarization - 1 GHz to 25 GHz
Digital Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No emissions were
								detected for the digital portion
								Tested in the X-Axis,
								Y-Axis, and Z-Axis
								No emissions were
								detected for the non-harmonic
								emissions from the Tx
								Tested in the X-Axis,
								Y-Axis, and Z-Axis

Test Location : Compatible Electronics **Page** : 1/1
Customer : MYE Entertainment, LLC **Date** : 11/09/2011
Manufacturer : MYE Entertainment, LLC **Time** : 13:39:13
Eut name : Digital Input Transmitter **Lab** : D
Model : MWTD-S9 **Test Distance** : 3.0
Serial # : N/A
Specification : FCC Class B
Distance correction factor (20 * log(test/spec) : 0.00

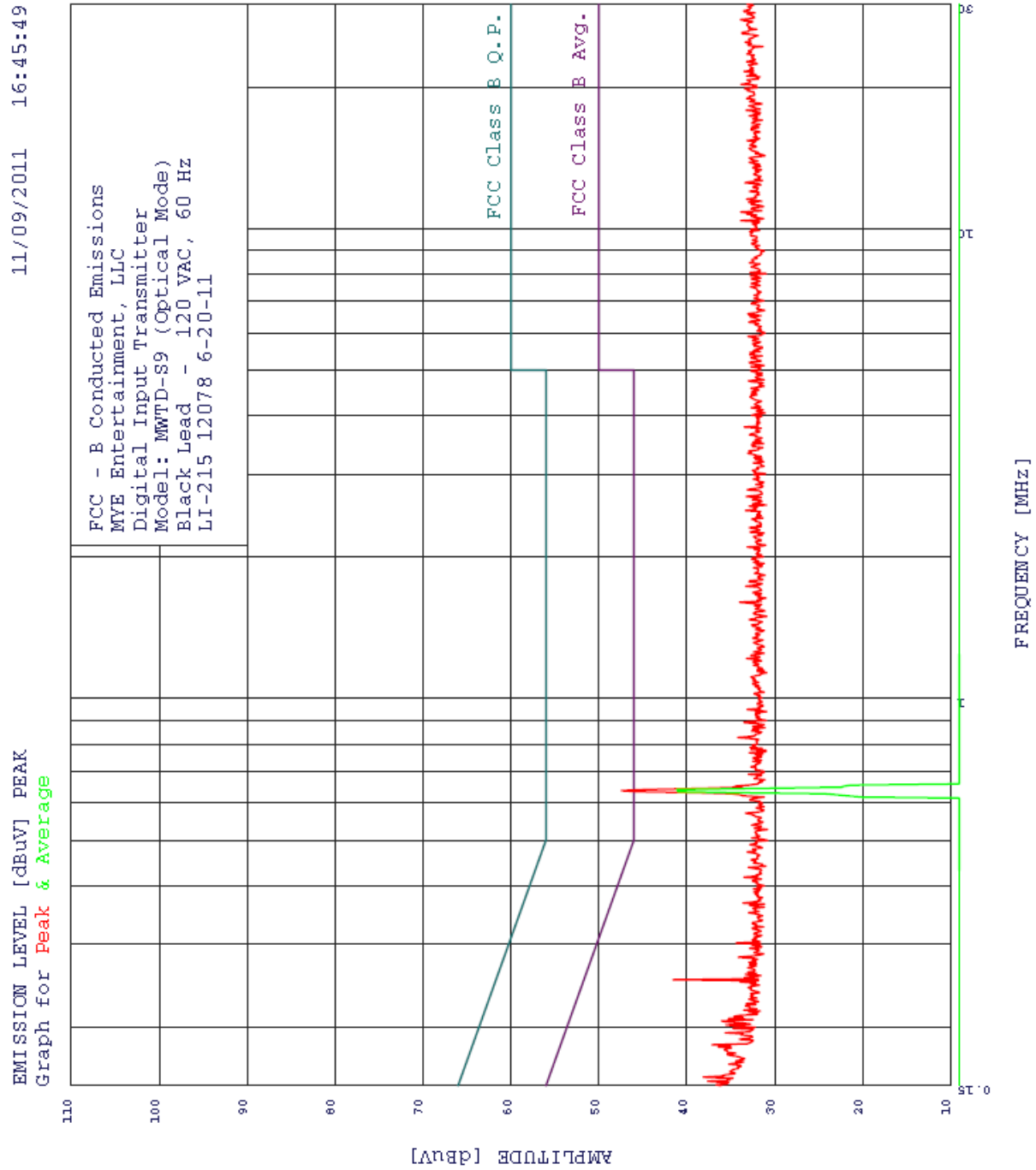
Test Type: Spurious Emissions Qualification
Test Range: 10 kHz to 1 GHz (Vertical and Horizontal)
Tested: Worst Axis - Optical and RCA Configurations
Test Engineer: James Ross

Pol	Freq	Rdng	Cable loss	Ant factor	Amp gain	Cor'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV	dBuV/m	dB
V	114.500	43.30	1.26	11.43	38.16	17.83	43.50	-25.67
V	229.000	50.10	1.93	16.14	38.20	29.97	46.00	-16.03
V	343.500	45.40	2.38	14.44	38.01	24.20	46.00	-21.80
V	458.000	41.50	2.63	15.68	37.68	22.13	46.00	-23.87
V	572.500	50.10	2.99	19.07	37.90	34.26	46.00	-11.74
V	687.000	37.50	3.35	20.38	37.85	23.38	46.00	-22.62
V	801.500	34.60	3.72	20.59	37.60	21.31	46.00	-24.69

The above readings are not actual EUT emissions, but are 114.5 MHz step frequency checks (916 divided by 8). In fact, no actual EUT emissions, from 10 kHz to 1 GHz, were discovered.

CONDUCTED EMISSIONS

DATA SHEETS


11/09/2011 16:45:49
FCC - B Conducted Emissions
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (Optical Mode)
Black Lead - 120 VAC, 60 Hz
LI-215 12078 6-20-11
FCC Class B Q.P.
FCC Class B Avg.
EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average
AMPLITUDE [dBuV]
FREQUENCY [MHz]
110
100
90
80
70
60
50
40
30
20
10
0.15
1
10
30

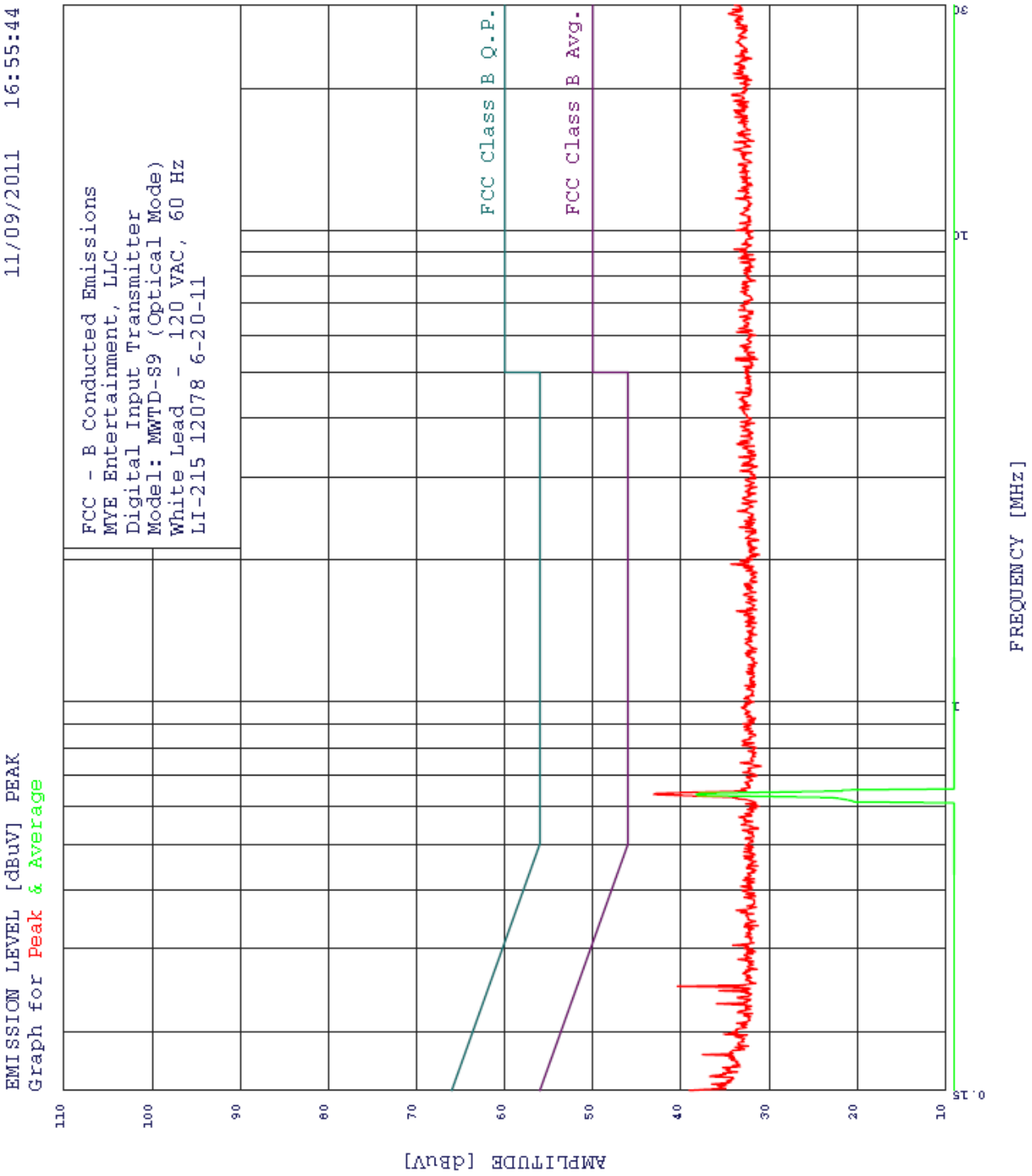
FCC - B Conducted Emissions 11/09/2011 16:45:49
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (Optical Mode)
Black Lead - 120 VAC, 60 Hz
LI-215 12078 6-20-11
TEst Engineer: James Ross

9 highest peaks above -50.00 dB of FCC Class B Avg. limit line
Peak criteria : 3.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.637	47.41	46.00	1.41**
2	0.252	41.54	51.68	-10.14
3	0.826	34.20	46.00	-11.80
4	1.603	34.00	46.00	-12.00
5	0.302	34.35	50.19	-15.84
6	0.183	37.12	54.33	-17.21
7	0.206	36.03	53.35	-17.33
8	0.157	38.12	55.64	-17.52
9	0.195	35.62	53.84	-18.22

**This reading was averaged. Please see the previous graph and the following data sheet for the averaged information.

```
FCC - B Conducted Emissions                                  11/09/2011     16:45:49
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (Optical Mode)
Black Lead  -  120 VAC, 60 Hz
LI-215 12078 6-20-11
Test Engineer:  James Ross
-----------------------------------------------------
1 highest peaks above -50.00 dB of FCC Class B Avg. limit line
Peak criteria :  3.00 dB, Curve : Average
Peak#  Freq(MHz)  Amp(dBuV)  Limit(dB)  Delta(dB)
  1      0.641     41.12       46.00      -4.88
-----------------------------------------------------
```


11/09/2011 16:55:44
FCC - B Conducted Emissions
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (Optical Mode)
White Lead - 120 VAC, 60 Hz
LI-215 12078 6-20-11
FCC Class B Q.P.
FCC Class B Avg.
EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average
AMPLITUDE [dBuV]
FREQUENCY [MHz]
110
100
90
80
70
60
50
40
30
20
10
30
1
0.15

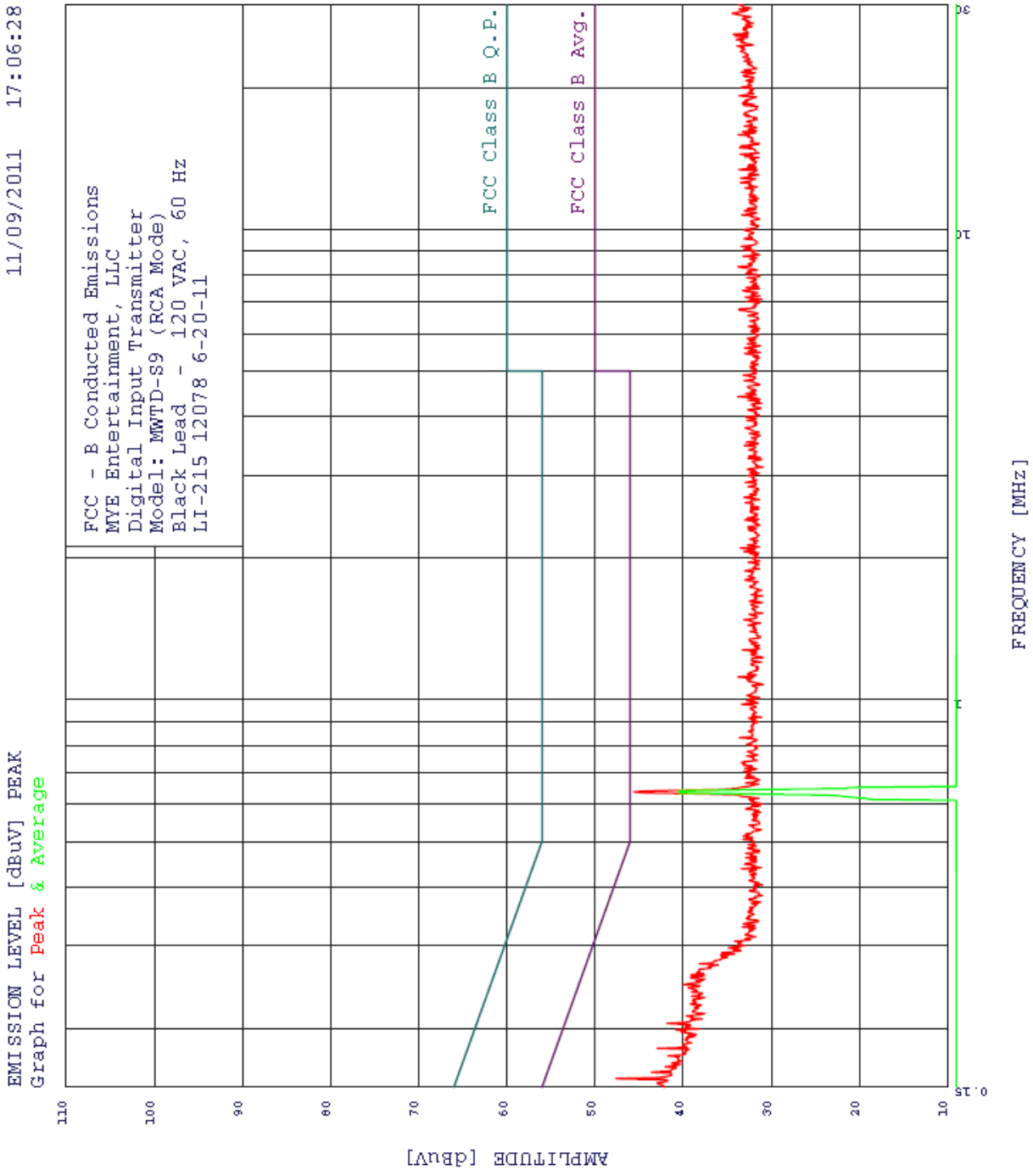
FCC - B Conducted Emissions 11/09/2011 16:55:44
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (Optical Mode)
White Lead - 120 VAC, 60 Hz
LI-215 12078 6-20-11
Test Engineer: James Ross

7 highest peaks above -50.00 dB of FCC Class B Avg. limit line
Peak criteria : 3.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.637	43.07	46.00	-2.93**
2	0.250	40.40	51.77	-11.37
3	1.960	34.36	46.00	-11.64
4	28.770	34.62	50.00	-15.38
5	0.244	35.69	51.95	-16.26
6	0.229	35.98	52.48	-16.50
7	0.179	37.56	54.54	-16.99

**This reading was averaged. Please see the previous graph and the following data sheet for the averaged information.

```
FCC - B Conducted Emissions                                  11/09/2011     16:55:44
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (Optical Mode)
White Lead  -  120 VAC, 60 Hz
LI-215 12078 6-20-11
Test Engineer:  James Ross
-----------------------------------------------------
1 highest peaks above -50.00 dB of FCC Class B Avg. limit line
Peak criteria :  3.00 dB, Curve : Average
Peak#  Freq(MHz)  Amp(dBuV)  Limit(dB)  Delta(dB)
  1      0.637      38.27       46.00      -7.73
-----------------------------------------------------
```


11/09/2011 17:06:28
FCC - B Conducted Emissions
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (RCA Mode)
Black Lead - 120 VAC, 60 Hz
LI-215 12078 6-20-11
FCC Class B Q.P.
FCC Class B Avg.
EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average
AMPLITUDE [dBuV]
FREQUENCY [MHz]
110
100
90
80
70
60
50
40
30
20
10
0.15

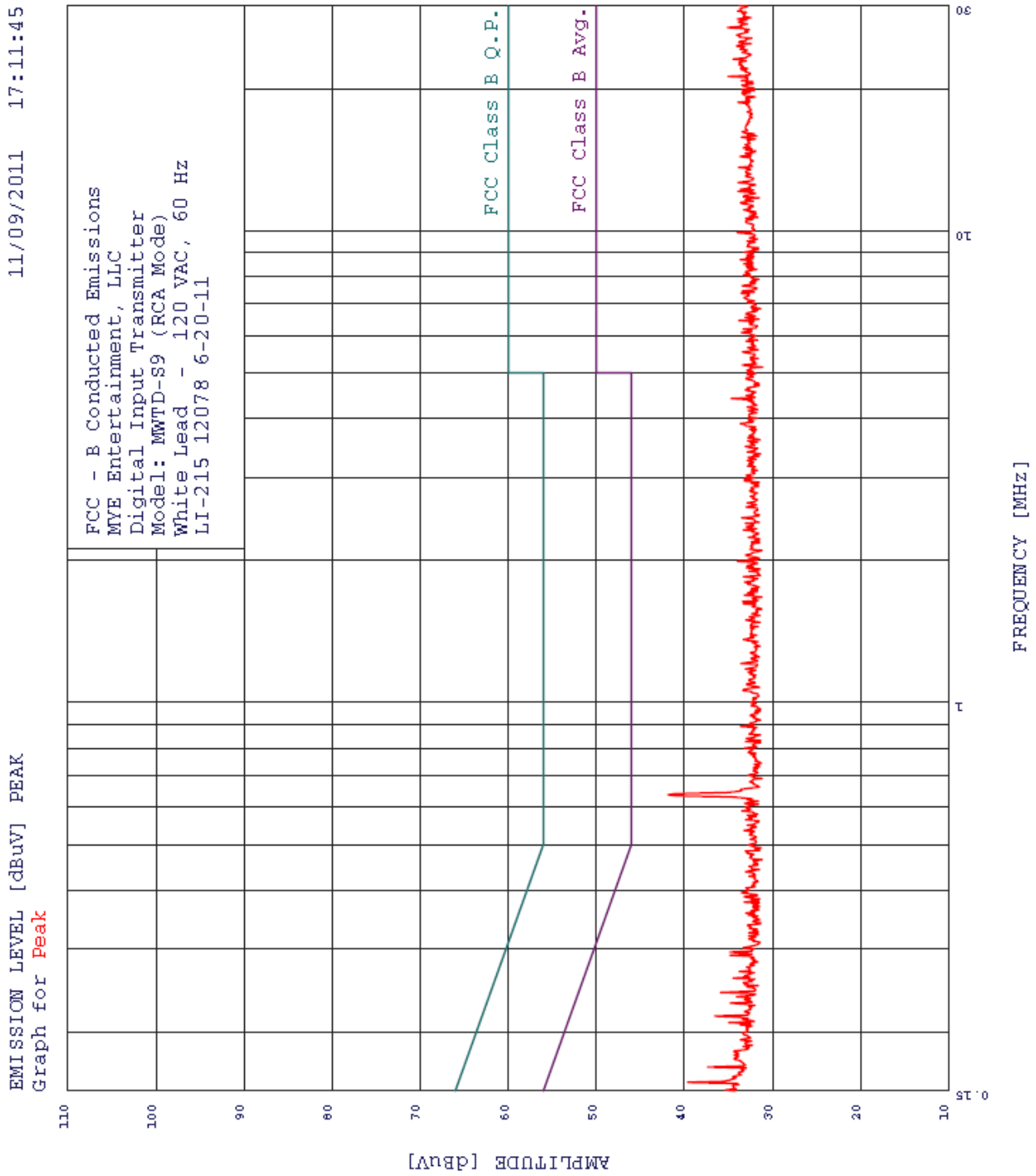
FCC - B Conducted Emissions 11/09/2011 17:06:28
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (RCA Mode)
Black Lead - 120 VAC, 60 Hz
LI-215 12078 6-20-11
Test Engineer: James Ross

5 highest peaks above -50.00 dB of FCC Class B Avg. limit line
Peak criteria : 3.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.637	45.61	46.00	-0.39**
2	0.157	47.62	55.64	-8.02
3	0.182	42.92	54.41	-11.49
4	0.205	41.83	53.40	-11.57
5	28.770	34.42	50.00	-15.58

**This reading was averaged. Please see the previous graph and the following data sheet for the averaged information.

```
FCC - B Conducted Emissions                                  11/09/2011     17:06:28
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (RCA Mode)
Black Lead  -  120 VAC, 60 Hz
LI-215 12078 6-20-11
Test Engineer:  James Ross
------------------------------------------------------
1 highest peaks above -50.00 dB of FCC Class B Avg. limit line
Peak criteria :  3.00 dB, Curve : Average
Peak#  Freq(MHz)  Amp(dBuV)  Limit(dB)  Delta(dB)
  1      0.637      40.53       46.00      -5.47
------------------------------------------------
```


11/09/2011 17:11:45
FCC - B Conducted Emissions
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (RCA Mode)
White Lead - 120 VAC, 60 Hz
LI-215 12078 6-20-11
FCC Class B Q.P.
FCC Class B Avg.
EMISSION LEVEL [dBuV] PEAK
Graph for Peak
AMPLITUDE [dBuV]
FREQUENCY [MHz]
110
100
90
80
70
60
50
40
30
20
10
0.15
1
10
30

FCC - B Conducted Emissions 11/09/2011 17:11:45
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9 (RCA Mode)
White Lead - 120 VAC, 60 Hz
LI-215 12078 6-20-11
Test Engineer: James Ross

8 highest peaks above -50.00 dB of FCC Class B Avg. limit line
Peak criteria : 3.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.637	41.87	46.00	-4.13
2	4.408	34.67	46.00	-11.33
3	26.999	35.12	50.00	-14.88
4	0.291	34.82	50.49	-15.68
5	0.157	39.62	55.64	-16.02
6	0.243	35.89	52.00	-16.10
7	0.216	36.57	52.96	-16.39
8	0.169	37.35	55.03	-17.67

BAND EDGES

DATA SHEETS

FCC 15.249

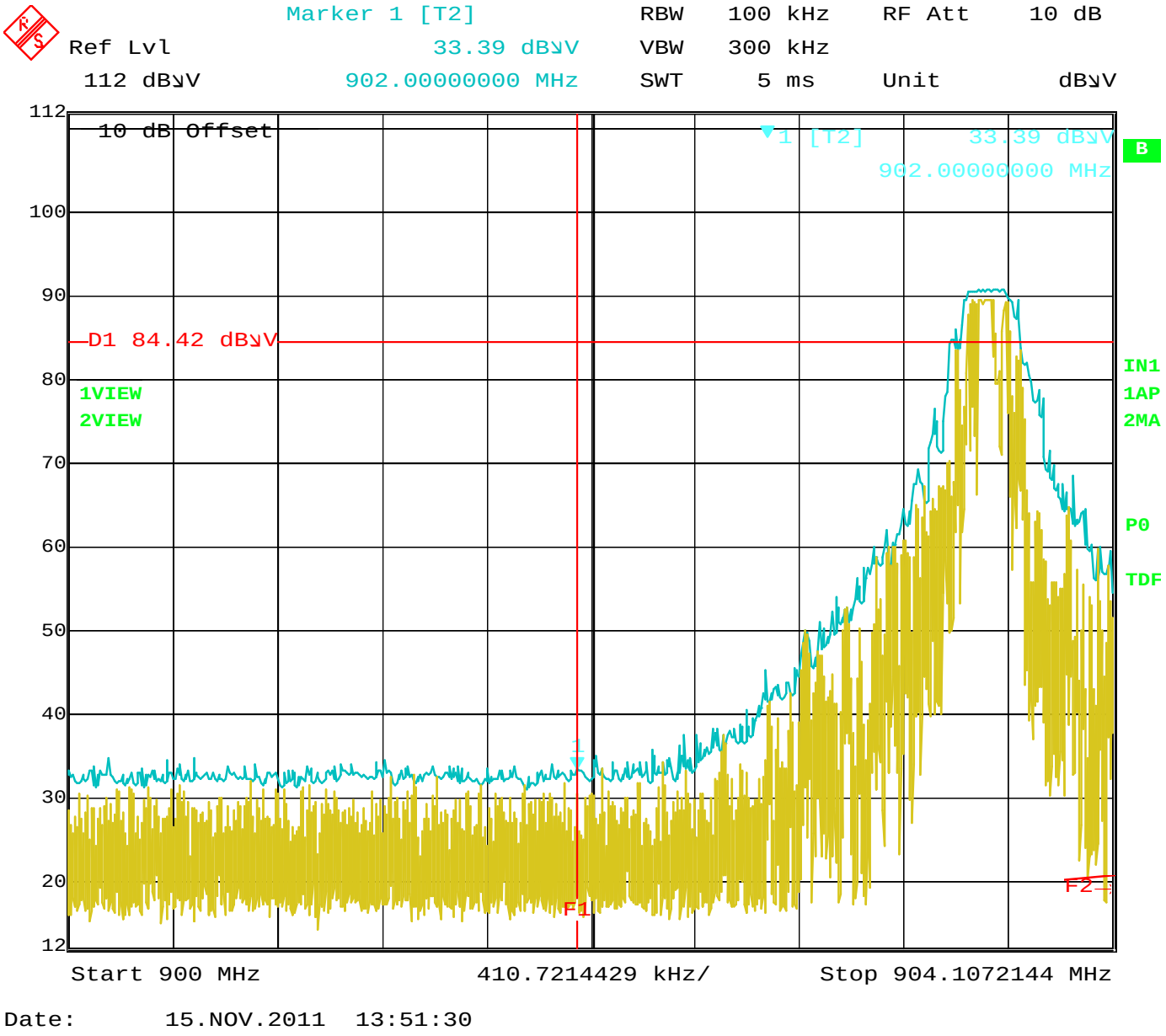
MYE Entertainment, LLC
Digital Input Transmitter
Model: MWTD-S9

Date: 11/15/2011
Lab: B
Tested By: Kyle Fujimoto

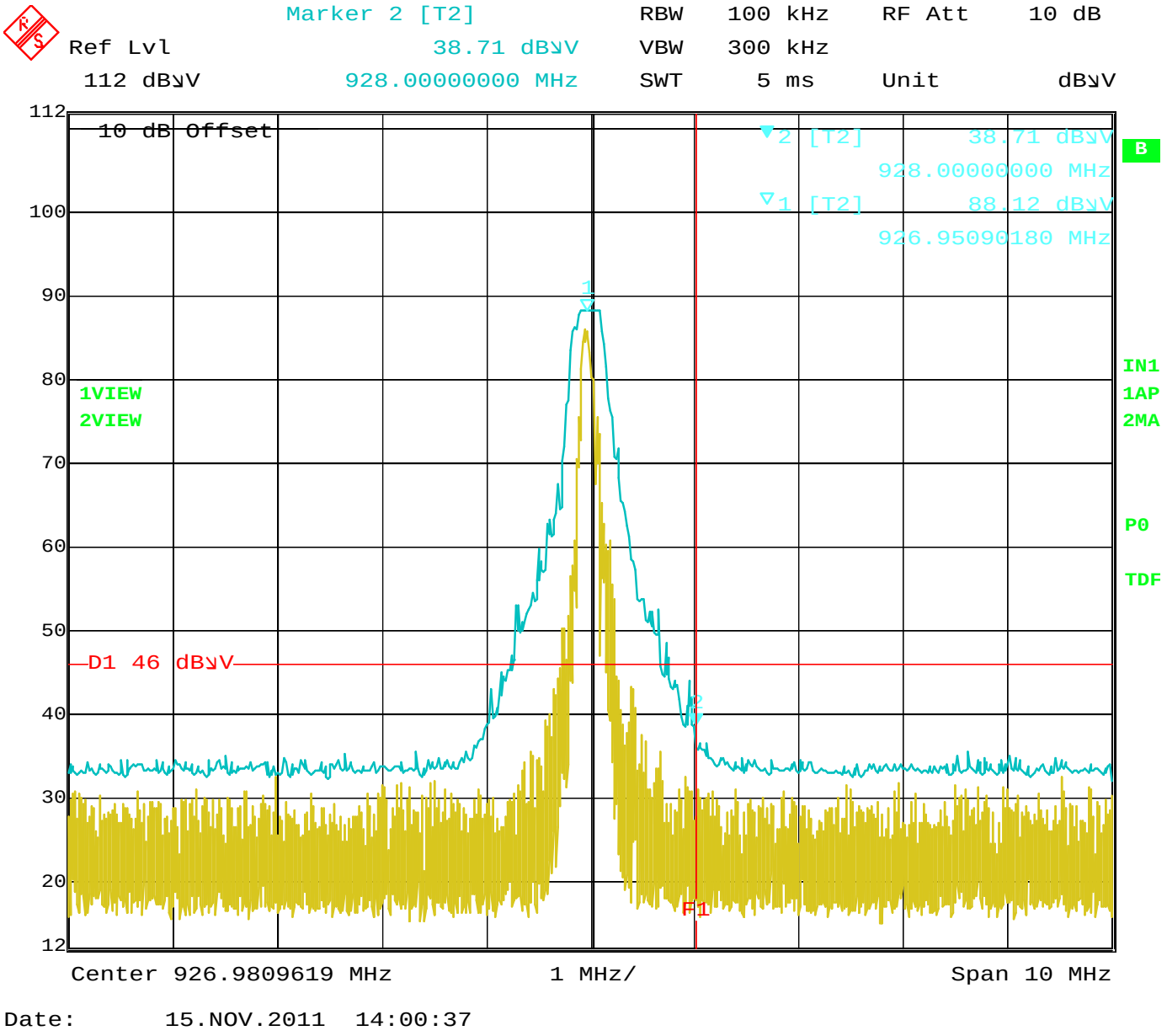
Band Edges - Worst Case

X-Axis, Analog Mode, Horizontal Polarization - Low Channel
X-Axis, Optical Mode, Horizontal Polarization - High Channel

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
903.64	90.99	H	94	-3.01	Peak	1	180	Fundamental of Low Channel
								@ 3 meters
902	33.39	H	46	-12.61	Peak	1	180	**Band Edge**
								Low Channel
926.97	88.12	H	94	-5.88	Peak	1	180	Fundamental of High Channel
								@ 3 meters
928	38.71	H	46	-7.29	Peak	1	180	**Band Edge**
								High Channel



Band Edge – Low Channel – Horizontal Polarization – X-Axis – Analog Configuration (Worst Case)



Band Edge – High Channel – Horizontal Polarization – X-Axis – Digital Configuration (Worst Case)