FCC PART 15, SUBPART B and C
TEST REPORT

for

FM SINGLE CHANNEL TRANSMITTER

MODEL: MWT-FM

Prepared for

MYE ENTERTAINMENT, LLC
25129 THE OLD ROAD, SUITE 305
STEVENSON RANCH, CALIFORNIA 91381

Prepared by:_____

KYLE FUJIMOTO

Approved by:_____

MICHAEL CHRISTENSEN

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

DATE: MAY 20, 2008

	REPORT BODY	APPENDICES					TOTAL
		A	***B***	***C***	***D***	***E***	
PAGES	17	2	2	2	13	22	**58**

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

GENERAL REPORT SUMMARY

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

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

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

Device Tested:	FM Single Channel Transmitter Model: MWT-FM S/N: N/A
Product Description:	See Expository Statement
Modifications:	The EUT was not modified in order to meet the specifications.
Manufacturer:	MYE Entertainment, LLC 25129 The Old Road, Suite 305 Stevenson Ranch, California 91381
Test Date:	May 19, 2008
Test Specifications:	EMI requirements CFR Title 47, Part 15 Subpart B; and Subpart C, Sections 15.205, 15.209 and 15.239
Test Procedure:	ANSI C63.4
Test Deviations:	The test procedure was not deviated from during the testing.

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz – 30 MHz	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and CFR Title 47, Part 15, Subpart C, section 15.207.
2	Radiated RF Emissions, 10 kHz – 1080 MHz (Transmitter Portion)	Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.205, 15.209, 15.239 (b), and 15.239 (c).
3	Radiated RF Emissions, 10 kHz – 1080 MHz (Digital Portion)	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B.
4	-20 dB Bandwidth of the Fundamental	Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.239 (a).

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the FM Single Channel Transmitter Model: MWT-FM. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B for the digital portion; and the limits defined in Subpart C, sections 15.205, 15.209, and 15.239 for the transmitter portion.

2. ADMINISTRATIVE DATA

2.1 Location of Testing

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

2.2 Traceability Statement

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

2.3 Cognizant Personnel

MYE Entertainment, LLC

Frank McDonald Director of Operations

Compatible Electronics, Inc.

Kyle Fujimoto Test Engineer
Michael Christensen Lab Manager

2.4 Date Test Sample was Received

The test sample was received on May 19, 2008.

2.5 Disposition of the Test Sample

The sample has not yet been returned to MYE Entertainment, LLC as of May 20, 2008.

2.6 Abbreviations and Acronyms

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

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

3. APPLICABLE DOCUMENTS

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

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

4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description Of Test Configuration - EMI

Setup and operation of the equipment under test.

Specifics of the EUT and Peripherals Tested

The FM Single Channel Transmitter Model: MWT-FM (EUT) was connected to a CD Player and AC Adapter via its audio in and power ports, respectively. The EUT was receiving audio from the CD player and transmitting the audio in the FM band. The EUT was also tested in two (desktop and wall mount) axis. The antennas are directly connected to the PCB of the EUT by a screw.

The low, middle, and high channels were investigated.

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

4.1.1 Cable Construction and Termination

Cable 1 This is a 2 meter unshielded cable connecting the CD Player to the EUT. The cable has a 3 ½ millimeter stereo jack at the CD Player end and 2 RCA connectors at the EUT end. The cable was bundled to a length of 80 centimeters.

Cable 2 This is a 2 meter unshielded cable connecting the EUT to the AC Adapter. The cable has a 3 ½ millimeter power connector at the EUT end and is hard wired into the AC Adapter.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIALNUMBER	FCC ID
FM SINGLE CHANNEL TRANSMITTER (EUT)	MYE ENTERTAINMENT, LLC	MWT-FM	N/A	**UH4MWTFM**
CD PLAYER	DURABRAND	CD-566	N/A	N/A
AC ADAPTER	OO	U090030D1201	N/A	N/A

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION DUE DATE
GENERAL TEST EQUIPMENT USED FOR ALL RF EMISSIONS TESTS					
Computer	Hewlett Packard	4530	US91912319	N/A	N/A
EMI Receiver	Rohde & Schwarz	ESIB40	100194	November 27, 2006	November 27, 2008
Monitor	Hewlett Packard	D5258A	TW74500641	N/A	N/A
RF RADIATED EMISSIONS TEST EQUIPMENT					
Preamplifier	Com-Power	PA-102	1017	January 11, 2008	January 11, 2009
Microwave Preamplifier	Com-Power	PA-122	181921	March 3, 2008	March 3, 2009
Biconical Antenna	Com-Power	AB-900	15226	February 28, 2008	February 28, 2009
Log Periodic Antenna	Com-Power	AL-100	16060	July 9, 2007	July 9, 2008
Horn Antenna	Com-Power	AH-118	10073	July 17, 2006	July 17, 2008
Antenna Mast	Com-Power	AM-100	N/A	N/A	N/A
Loop Antenna	Com-Power	AL-130	17089	September 24 2007	1 Year
Turntable	Com-Power	TT-100	N/A	N/A	N/A
RF CONDUCTED EMISSIONS TEST EQUIPMENT					
LISN	Com-Power	LI-215	12090	September 26, 2007	September 26, 2008
LISN	Com-Power	LI-215	12076	September 26, 2007	September 26, 2008
Transient Limiter	Com-Power	252A910	1	September 19, 2007	September 17, 2008

6. TEST SITE DESCRIPTION

6.1 Test Facility Description

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

6.2 EUT Mounting, Bonding and Grounding

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

The EUT was not grounded.

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

Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in 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 CFR Title 47, Part 15, Subpart C, section 15.207.

7.1.2 Radiated Emissions (Spurious and Harmonics) Test

The spectrum analyzer was used as a measuring meter along with the quasi-peak adapter. Amplifiers were used to increase the sensitivity of the instrument. The Com Power Preamplifier Model: PA-102 was used for frequencies from 30 MHz to 1 GHz, and the Com-Power Microwave Preamplifier Model: PA-122 was used for frequencies above 1 GHz. The spectrum analyzer 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 frequencies above 1 GHz and the fundamental for the low, middle, and high channels were averaged manually by narrowing the video filter down to 10 Hz and putting the sweep time on AUTO on the spectrum analyzer to keep the amplitude reading calibrated.

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

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
9 kHz to 150 kHz	200 Hz	Active Loop Antenna
150 kHz to 30 MHz	9 kHz	Active Loop Antenna
30 MHz to 300 MHz	120 kHz	Biconical Antenna
300 MHz to 1 GHz	120 kHz	Log Periodic Antenna
1 GHz to 1.08 GHz	1 MHz	Horn Antenna

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

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

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

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and CFR Title 47, Part 15, Subpart C, sections 15.205, 15.209, and 15.239.

7.2 Bandwidth of the Fundamental

The -20 dB bandwidth was checked using the EMI Receiver to see that it was wholly within the 200 kHz band centered on the operating frequency. The RBW was set to 10 kHz and the VBW was set to 30 kHz. The volume on the CD player is turned up to the maximum level possible. The low, middle, and high channels were investigated. Plots of the -20 dB bandwidth are located in Appendix E.

Test Results:

The EUT complies with the requirements of CFR Title 47, Part 15, Subpart C, section 15.239 (a) for the -20 dB bandwidth of the fundamental. The EUT has a -20 dB bandwidth that is wholly within the 200 kHz band centered on the operating frequency.

8. CONCLUSIONS

The FM Single Channel Transmitter Model: MWT-FM meets all of the **Class B** specification limits defined in CFR Title 47, Part 15, Subpart B for the digital portion; and the limits defined in Subpart C, sections 15.205, 15.207, 15.209, and 15.239 for the transmitter portion.

APPENDIX A

LABORATORY RECOGNITIONS

LABORATORY RECOGNITIONS

Compatible Electronics has the following agency accreditations:

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

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

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

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

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

Federal Communications Commission

Industry Canada

Radio-Frequency Technologies (Competent Body)

APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.239 or FCC Class B specifications.

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

No modifications were made to the EUT.

APPENDIX C

ADDITIONAL MODELS COVERED UNDER THIS REPORT

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

FM Single Channel Transmitter
Model: MWT-FM
S/N: N/A

There were no additional models covered under this report.

APPENDIX D

DIAGRAMS, CHARTS, AND PHOTOS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

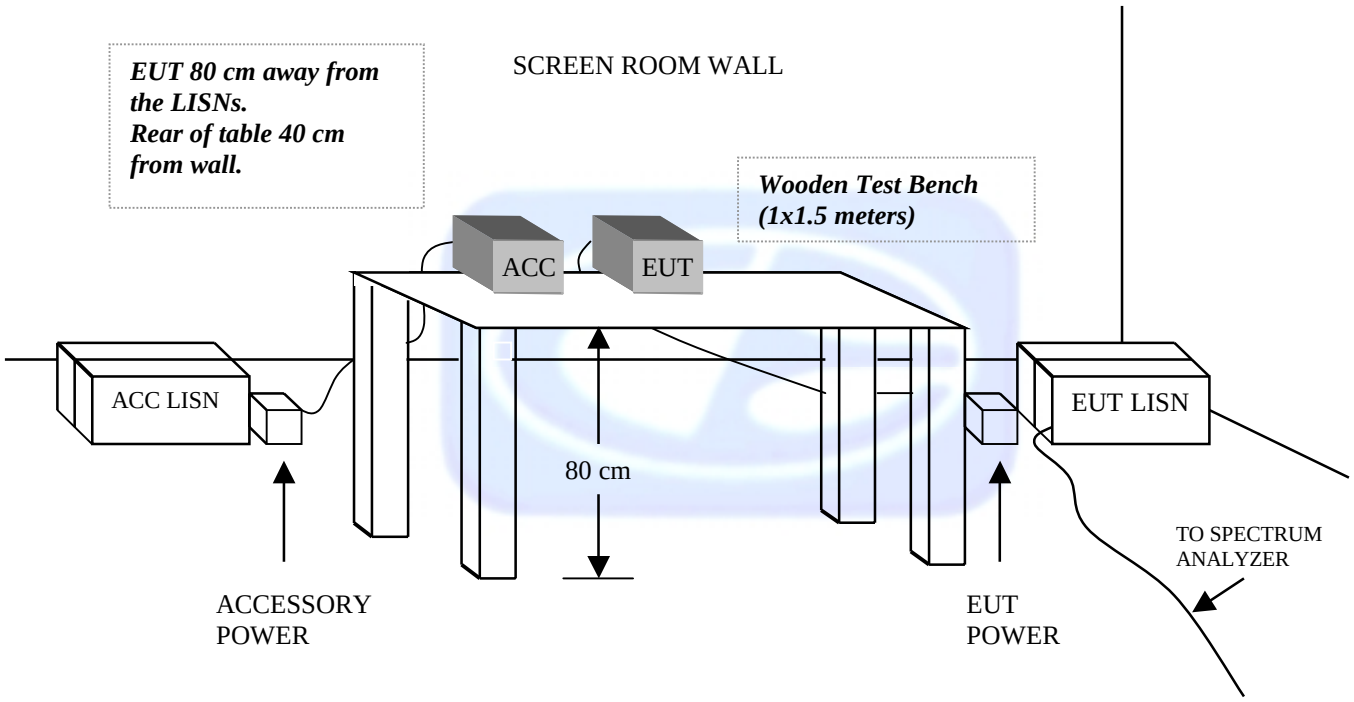
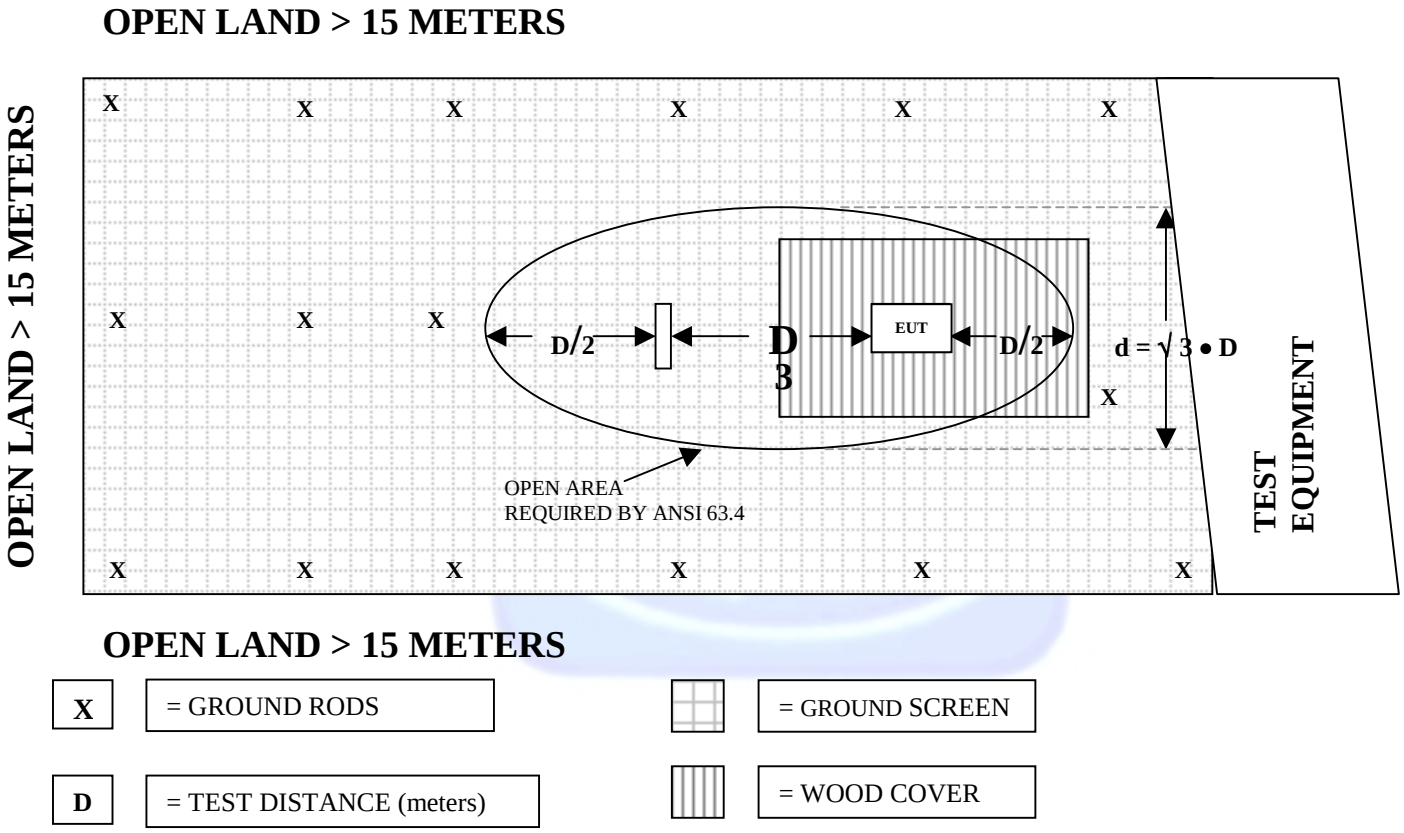


FIGURE 2: PLOT MAP AND LAYOUT OF RADIATED TEST SITE



COM-POWER AB-900

BICONICAL ANTENNA

S/N: 15226

CALIBRATION DATE: FEBRUARY 28, 2008

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	12.1	100	10.7
35	12.2	120	13.6
40	11.7	140	12.1
45	9.9	160	12.2
50	11.3	180	15.2
60	9.4	200	16.5
70	7.6	250	16.5
80	6.0	275	18.1
90	6.8	300	21.5

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 16060

CALIBRATION DATE: JULY 9, 2007

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

COM-POWER PA-102

PREAMPLIFIER

S/N: 1017

CALIBRATION DATE: JANUARY 11, 2008

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	38.2	300	38.0
40	38.0	350	38.3
50	38.3	400	38.0
60	38.6	450	37.5
70	38.4	500	37.9
80	38.4	550	37.9
90	38.3	600	37.8
100	38.1	650	37.5
125	38.5	700	38.0
150	38.2	750	37.7
175	38.1	800	37.1
200	38.4	850	37.1
225	38.2	900	37.1
250	38.2	950	37.0
275	38.2	1000	36.5

COM-POWER PA-122

PREAMPLIFIER

S/N: 181921

CALIBRATION DATE: MARCH 3, 2008

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	36.32	10.0	35.47
1.5	35.40	10.5	35.05
2.0	34.77	11.0	34.16
2.5	35.07	11.5	33.75
3.0	34.86	12.0	34.65
3.5	34.48	12.5	34.41
4.0	34.30	13.0	35.36
4.5	33.96	13.5	35.30
5.0	34.06	14.0	35.87
5.5	34.54	14.5	36.44
6.0	35.90	15.0	36.24
6.5	36.85	15.5	35.92
7.0	36.55	16.0	35.53
7.5	35.31	16.5	35.29
8.0	33.57	17.0	34.96
8.5	33.36	17.5	34.02
9.0	35.01	18.0	33.39
9.5	35.97	18.5	32.70

COM-POWER AH-118

HORN ANTENNA

S/N: 10073

CALIBRATION DATE: JULY 17, 2006

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	25.331	10.0	42.391
1.5	27.507	10.5	39.194
2.0	31.581	11.0	38.504
2.5	30.906	11.5	40.724
3.0	30.276	12.0	41.079
3.5	30.396	12.5	41.014
4.0	30.881	13.0	41.201
4.5	32.77	13.5	42.335
5.0	34.067	14.0	43.248
5.5	33.914	14.5	45.639
6.0	34.028	15.0	43.197
6.5	35.779	15.5	41.751
7.0	38.347	16.0	42.462
7.5	39.096	16.5	41.908
8.0	39.377	17.0	40.277
8.5	38.646	17.5	48.117
9.0	37.438	18.0	54.113
9.5	38.403		

COM-POWER AL-130

LOOP ANTENNA

S/N: 17089

CALIBRATION DATE: SEPTEMBER 24, 2007

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-41.27	10.23
0.01	-41.96	9.54
0.02	-41.73	9.77
0.03	-40.46	11.04
0.04	-40.56	10.94
0.05	-42.00	9.50
0.06	-41.30	10.20
0.1	-41.43	10.07
0.2	-43.90	7.60
0.3	-41.43	10.07
0.4	-41.40	10.10
0.5	-41.40	10.10
0.6	-40.93	10.57
1	-40.83	10.67
2	-40.3	11.20
5	-40.2	11.30
8	-40.6	10.90
9	-40.1	11.40
10	-40.4	11.10
15	-41.67	9.83
20	-41.10	10.40
25	-42.8	8.70
30	-42.8	8.70

FRONT VIEW

MYE ENTERTAINMENT, LLC
FM SINGLE CHANNEL TRANSMITTER
MODEL: MWT-FM
FCC SUBPART B AND C – RADIATED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

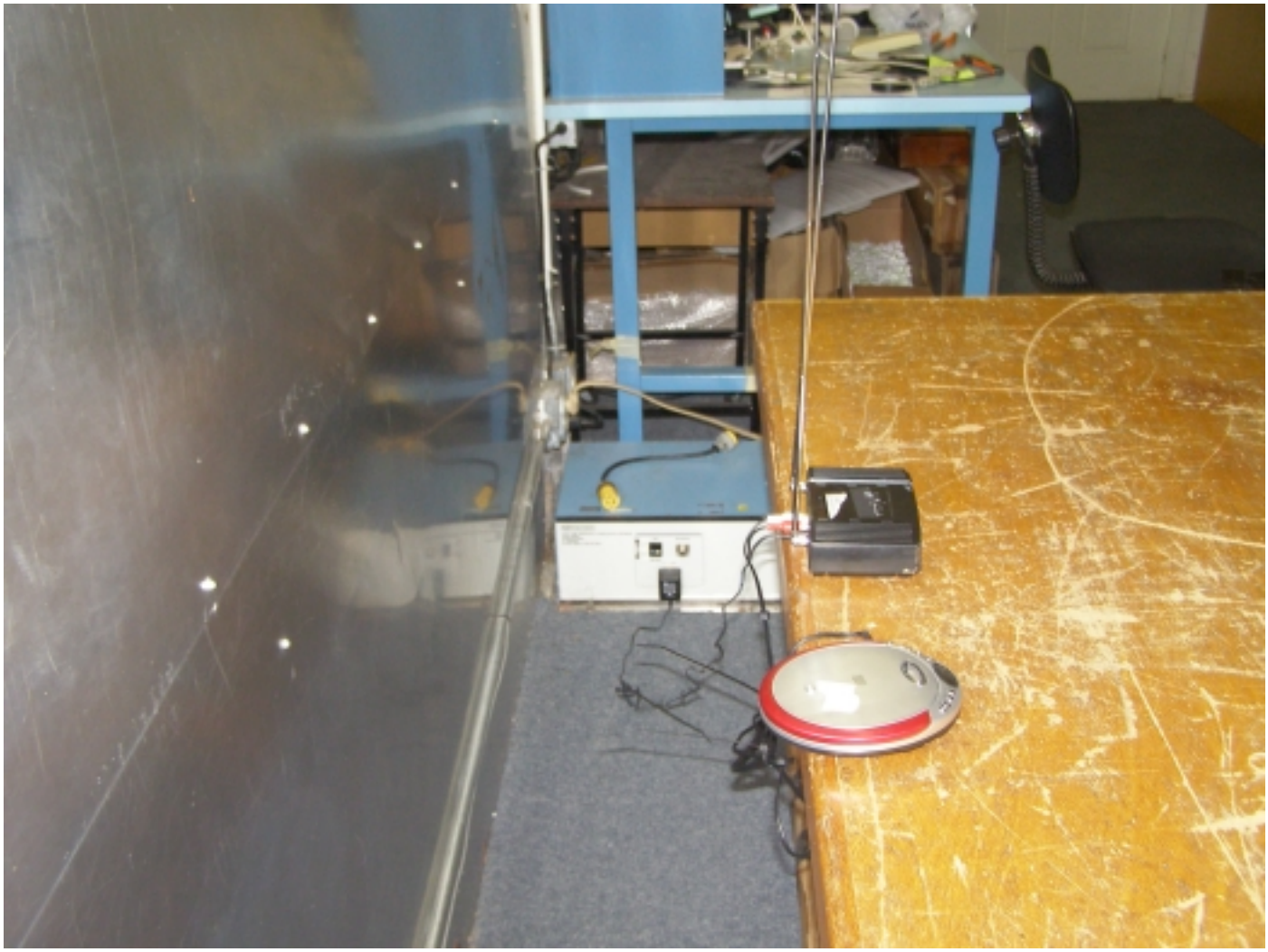
MYE ENTERTAINMENT, LLC
FM SINGLE CHANNEL TRANSMITTER
MODEL: MWT-FM
FCC SUBPART B AND C – RADIATED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

FRONT VIEW

MYE ENTERTAINMENT, LLC
FM SINGLE CHANNEL TRANSMITTER
MODEL: MWT-FM
FCC SUBPART B AND C – CONDUCTED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



REAR VIEW

MYE ENTERTAINMENT, LLC
FM SINGLE CHANNEL TRANSMITTER
MODEL: MWT-FM
FCC SUBPART B AND C – CONDUCTED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

FCC 15.239

MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM

Date: 5/19/2008
Lab: D
Tested By: Kyle Fujimoto

Radiated Emissions -- 10 kHz to 2000 MHz -- Vertical and Horizontal Polarizations
Desktop Axis - Low Channel

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit (dBuV/m)	Margin (dB)	Peak / QP / Avg	Comments
88.10	41.67	V	48.00	-6.33	Pk	
88.10	41.13	V	48.00	-6.87	Avg	
176.20	29.51	V	43.50	-13.99	Pk	
264.30	20.08	V	46.00	-25.92	Pk	
352.40	18.03	V	46.00	-27.97	Pk	
440.50	16.13	V	46.00	-29.87	Pk	
528.60	15.21	V	46.00	-30.79	Pk	
616.70	33.55	V	46.00	-12.45	Pk	
704.80	19.25	V	46.00	-26.75	Pk	
792.90	26.82	V	46.00	-19.18	Pk	
881.00	35.25	V	46.00	-10.75	Pk	
88.10	37.51	H	48.00	-10.49	Pk	
88.10	37.11	H	48.00	-10.89	Avg	
176.20	19.11	H	43.50	-24.39	Pk	
264.30	18.96	H	46.00	-27.04	Pk	
352.40	19.42	H	46.00	-26.58	Pk	
440.50	15.72	H	46.00	-30.28	Pk	
528.60	14.74	H	46.00	-31.26	Pk	
616.70	27.12	H	46.00	-18.88	Pk	
704.80	20.29	H	46.00	-25.71	Pk	
792.90	21.77	H	46.00	-24.23	Pk	
881.00	22.22	H	46.00	-23.78	Pk	
87.99	38.94	V	40.00	-1.06	Pk	**Band Edge Low Channel**
88.00	38.02	V	40.00	-1.98	Pk	**Band Edge Low Channel**
88.00	33.89	H	40.00	-6.11	Pk	**Band Edge Low Channel**
						No Other Emissions Detected
						from 10 kHz to 2000 MHz

FCC 15.239

MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM

Date: 5/19/2008
Lab: D
Tested By: Kyle Fujimoto

Radiated Emissions -- 10 kHz to 2000 MHz -- Vertical and Horizontal Polarizations
Desktop Axis - Middle Channel

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit (dBuV/m)	Margin (dB)	Peak / QP / Avg	Comments
98.10	47.05	V	48.00	-0.95	Pk	
98.10	45.76	V	48.00	-2.24	Avg	
196.19	26.31	V	43.50	-17.19	Pk	
294.29	24.18	V	46.00	-21.82	Pk	
392.41	20.65	V	46.00	-25.35	Pk	
490.51	16.63	V	46.00	-29.37	Pk	
588.58	17.48	V	46.00	-28.52	Pk	
686.69	17.87	V	46.00	-28.13	Pk	
784.81	19.12	V	46.00	-26.88	Pk	
882.91	21.25	V	46.00	-24.75	Pk	
980.99	22.26	V	54.00	-31.74	Pk	
98.10	42.85	H	48.00	-5.15	Pk	
98.10	41.83	H	48.00	-6.17	Avg	
196.20	22.32	H	43.50	-21.18	Pk	
294.32	30.93	H	46.00	-15.07	Pk	
392.41	23.26	H	46.00	-22.74	Pk	
490.51	16.34	H	46.00	-29.66	Pk	
588.58	17.71	H	46.00	-28.29	Pk	
686.69	18.41	H	46.00	-27.59	Pk	
784.81	23.25	H	46.00	-22.75	Pk	
882.91	25.69	H	46.00	-20.31	Pk	
980.99	22.58	H	54.00	-31.42	Pk	
						No Other Emissions Detected
						from 10 kHz to 2000 MHz

FCC 15.239

MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM

Date: 5/19/2008
Lab: D
Tested By: Kyle Fujimoto

Radiated Emissions -- 10 kHz to 2000 MHz -- Vertical and Horizontal Polarizations
Desktop Axis - High Channel

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit (dBuV/m)	Margin (dB)	Peak / QP / Avg	Comments
107.90	46.70	V	48.00	-1.30	Pk	
107.90	46.10	V	48.00	-1.90	Avg	
215.78	16.36	V	43.50	-27.14	Pk	
323.72	18.68	V	46.00	-27.32	Pk	
431.59	21.47	V	46.00	-24.53	Pk	
539.51	16.58	V	46.00	-29.42	Pk	
674.41	28.59	V	46.00	-17.41	Pk	
755.32	24.58	V	46.00	-21.42	Pk	
863.22	21.25	V	46.00	-24.75	Pk	
971.12	26.25	V	54.00	-27.75	Pk	
1079.10	27.58	V	54.00	-26.42	Pk	
107.90	43.01	H	48.00	-4.99	Pk	
107.90	39.96	H	48.00	-8.04	Avg	
215.80	27.92	H	43.50	-15.58	Pk	
323.70	28.22	H	46.00	-17.78	Pk	
431.60	24.96	H	46.00	-21.04	Pk	
539.51	14.61	H	46.00	-31.39	Pk	
647.41	21.89	H	46.00	-24.11	Pk	
755.30	25.21	H	46.00	-20.79	Pk	
863.21	20.51	H	46.00	-25.49	Pk	
971.11	21.13	H	54.00	-32.87	Pk	
1079.01	15.69	H	54.00	-38.31	Pk	
108.00	34.08	V	43.50	-9.42	Pk	**Band Edge High Channel**
108.00	33.20	H	43.50	-10.30	Pk	**Band Edge High Channel**
						No Other Emissions Detected
						from 10 kHz to 2000 MHz

FCC 15.239

MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM

Date: 5/19/2008
Lab: D
Tested By: Kyle Fujimoto

Radiated Emissions -- 10 kHz to 2000 MHz -- Vertical and Horizontal Polarizations
Wall Mount Axis - Low Channel

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit (dBuV/m)	Margin (dB)	Peak / QP / Avg	Comments
88.10	41.53	V	48.00	-6.47	Pk	
88.10	38.49	V	48.00	-9.51	Avg	
176.20	32.82	V	43.50	-10.68	Pk	
264.30	22.84	V	46.00	-23.16	Pk	
352.40	26.58	V	46.00	-19.42	Pk	
440.50	25.98	V	46.00	-20.02	Pk	
528.60	27.85	V	46.00	-18.15	Pk	
616.70	26.99	V	46.00	-19.01	Pk	
704.80	29.58	V	46.00	-16.42	Pk	
792.90	27.58	V	46.00	-18.42	Pk	
881.00	26.54	V	46.00	-19.46	Pk	
88.10	35.85	H	48.00	-12.15	Pk	
88.10	31.57	H	48.00	-16.43	Avg	
176.20	24.66	H	43.50	-18.84	Pk	
264.30	15.08	H	46.00	-30.92	Pk	
352.40	11.01	H	46.00	-34.99	Pk	
440.50	13.34	H	46.00	-32.66	Pk	
528.60	12.65	H	46.00	-33.35	Pk	
616.70	25.01	H	46.00	-20.99	Pk	
704.80	19.69	H	46.00	-26.31	Pk	
792.90	24.28	H	46.00	-21.72	Pk	
881.00	44.21	H	46.00	-1.79	Pk	
87.99	38.76	V	40.00	-1.24	Pk	**Band Edge Low Channel**
88.00	37.58	V	40.00	-2.42	Pk	**Band Edge Low Channel**
88.00	31.87	H	40.00	-8.13	Pk	**Band Edge Low Channel**
						No Other Emissions Detected
						from 10 kHz to 2000 MHz

FCC 15.239

MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM

Date: 5/19/2008
Lab: D
Tested By: Kyle Fujimoto

Radiated Emissions -- 10 kHz to 2000 MHz -- Vertical and Horizontal Polarizations
Wall Mount Axis - Middle Channel

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit (dBuV/m)	Margin (dB)	Peak / QP / Avg	Comments
98.10	43.12	V	48.00	-4.88	Pk	
98.10	42.14	V	48.00	-5.86	Avg	
196.19	24.73	V	43.50	-18.77	Pk	
294.29	29.28	V	46.00	-16.72	Pk	
392.41	29.09	V	46.00	-16.91	Pk	
490.51	16.82	V	46.00	-29.18	Pk	
588.58	22.58	V	46.00	-23.42	Pk	
686.69	25.68	V	46.00	-20.32	Pk	
784.81	24.25	V	46.00	-21.75	Pk	
882.91	26.25	V	46.00	-19.75	Pk	
980.99	21.69	V	54.00	-32.31	Pk	
98.10	36.67	H	48.00	-11.33	Pk	
98.10	36.15	H	48.00	-11.85	Avg	
196.20	14.81	H	43.50	-28.69	Pk	
294.32	18.49	H	46.00	-27.51	Pk	
392.41	24.36	H	46.00	-21.64	Pk	
490.51	14.39	H	46.00	-31.61	Pk	
588.58	16.31	H	46.00	-29.69	Pk	
686.69	19.31	H	46.00	-26.69	Pk	
784.81	24.19	H	46.00	-21.81	Pk	
882.91	26.52	H	46.00	-19.48	Pk	
980.99	25.95	H	54.00	-28.05	Pk	
						No Other Emissions Detected
						from 10 kHz to 2000 MHz

FCC 15.239

MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM

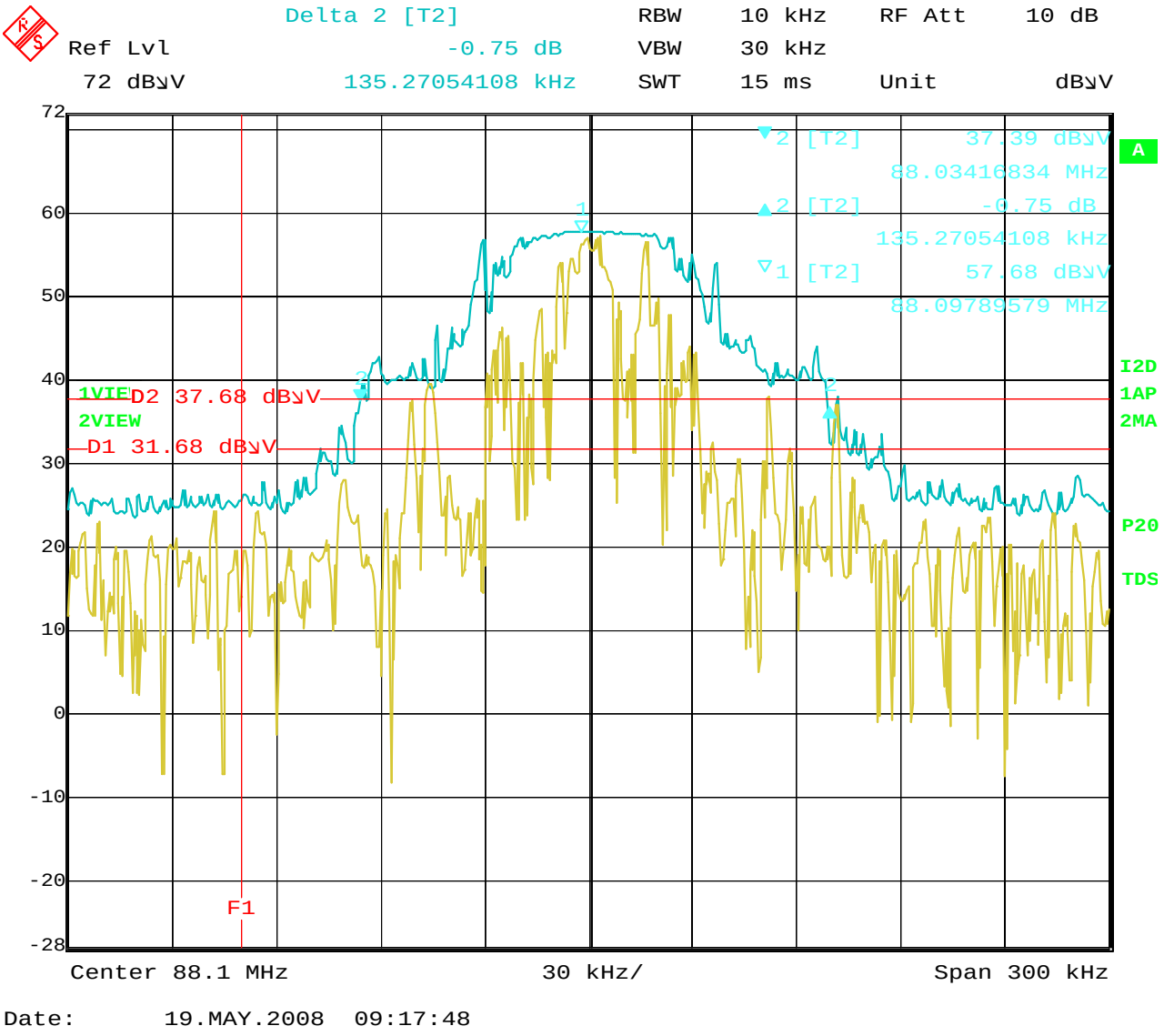
Date: 5/19/2008
Lab: D
Tested By: Kyle Fujimoto

Radiated Emissions -- 10 kHz to 2000 MHz -- Vertical and Horizontal Polarizations
Wall Mount Axis - High Channel

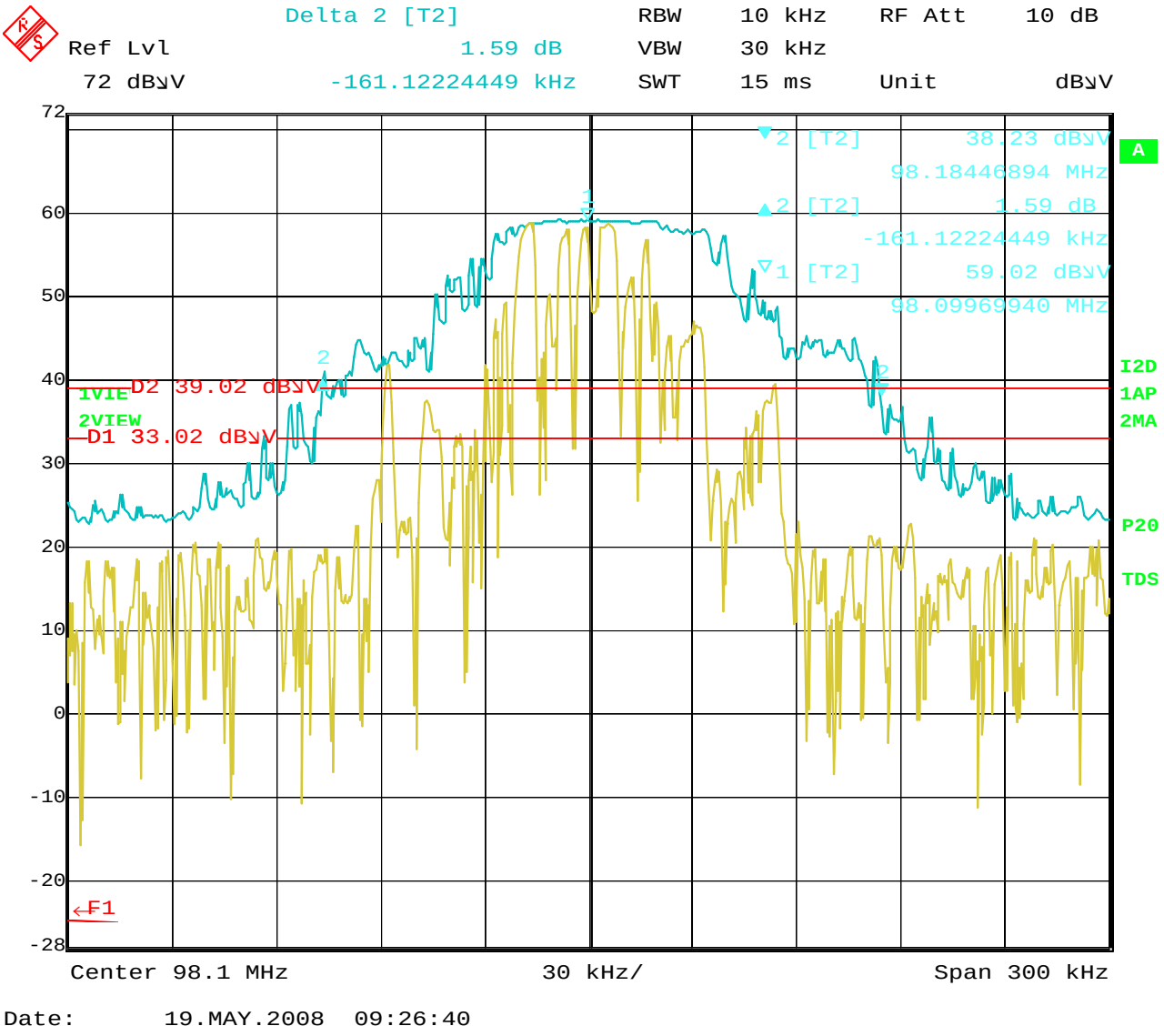
Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit (dBuV/m)	Margin (dB)	Peak / QP / Avg	Comments
107.90	46.65	V	48.00	-1.35	Pk	
107.90	46.05	V	48.00	-1.95	Avg	
215.78	26.87	V	43.50	-16.63	Pk	
323.72	26.19	V	46.00	-19.81	Pk	
431.59	24.61	V	46.00	-21.39	Pk	
539.51	18.39	V	46.00	-27.61	Pk	
674.41	26.39	V	46.00	-19.61	Pk	
755.32	24.51	V	46.00	-21.49	Pk	
863.22	30.33	V	46.00	-15.67	Pk	
971.12	19.55	V	54.00	-34.45	Pk	
1079.10	13.69	V	54.00	-40.31	Pk	
107.90	42.56	H	48.00	-5.44	Pk	
107.90	39.56	H	48.00	-8.44	Avg	
215.80	24.99	H	43.50	-18.51	Pk	
323.70	22.92	H	46.00	-23.08	Pk	
431.60	19.91	H	46.00	-26.09	Pk	
539.51	14.61	H	46.00	-31.39	Pk	
647.41	23.87	H	46.00	-22.13	Pk	
755.30	24.67	H	46.00	-21.33	Pk	
863.21	26.36	H	46.00	-19.64	Pk	
971.11	25.68	H	54.00	-28.32	Pk	
1079.01	32.69	H	54.00	-21.31	Pk	
108.00	33.51	V	43.50	-9.99	Pk	**Band Edge High Channel**
108.00	32.56	H	43.50	-10.94	Pk	**Band Edge High Channel**
						No Other Emissions Detected
						from 10 kHz to 2000 MHz

-20 dB BANDWIDTH

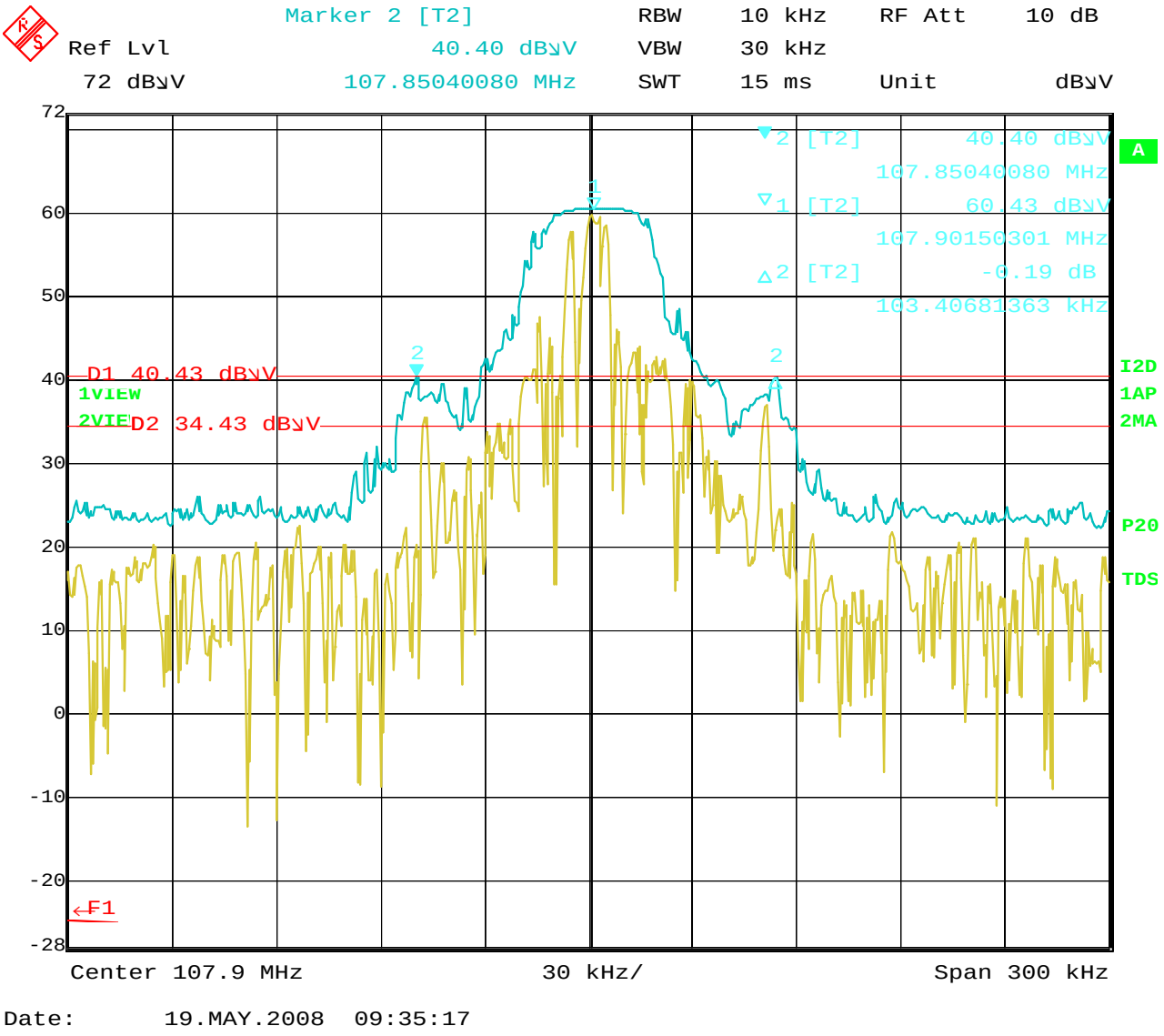
DATA SHEETS



Bandwidth -20 dB – Low Channel



Bandwidth -20 dB – Middle Channel



Bandwidth -20 dB – High Channel

BAND EDGE

DATA SHEETS

FCC 15.239

MYE Entertainment, LLC		Date:	5/19/2008
FM Single Channel Transmitter		Lab:	D
Model: MWT-FM		Tested By:	Kyle Fujimoto

Radiated Emissions -- Vertical and Horizontal Polarizations
Wall Mount Axis - Band Edges

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit (dBuV/m)	Margin (dB)	Peak / QP / Avg	Comments
87.99	38.76	V	40.00	-1.24	Pk	**Band Edge Low Channel**
88.00	37.58	V	40.00	-2.42	Pk	**Band Edge Low Channel**
88.00	31.87	H	40.00	-8.13	Pk	**Band Edge Low Channel**
108.00	33.51	V	43.50	-9.99	Pk	**Band Edge High Channel**
108.00	32.56	H	43.50	-10.94	Pk	**Band Edge High Channel**

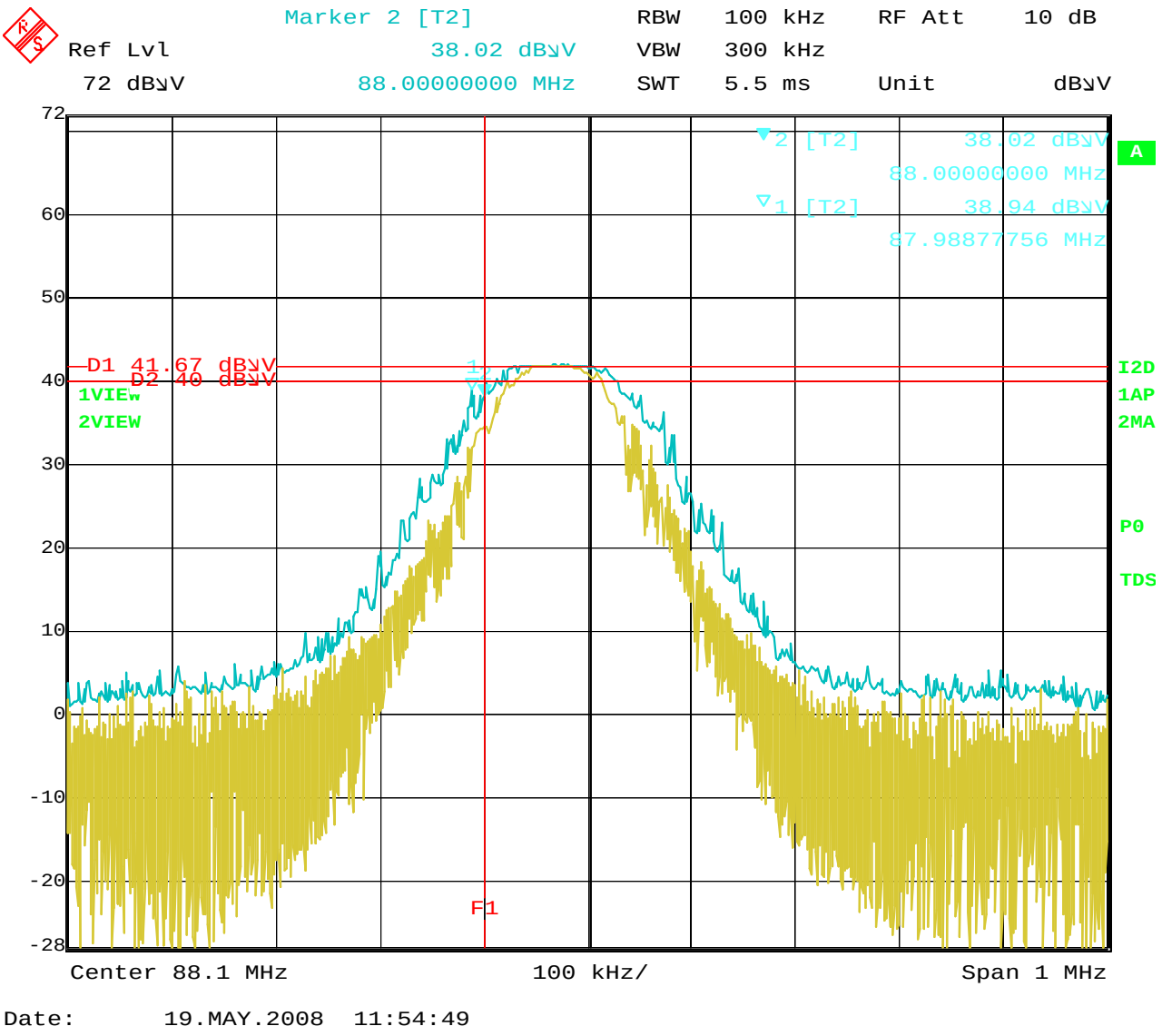
FCC 15.239

MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM

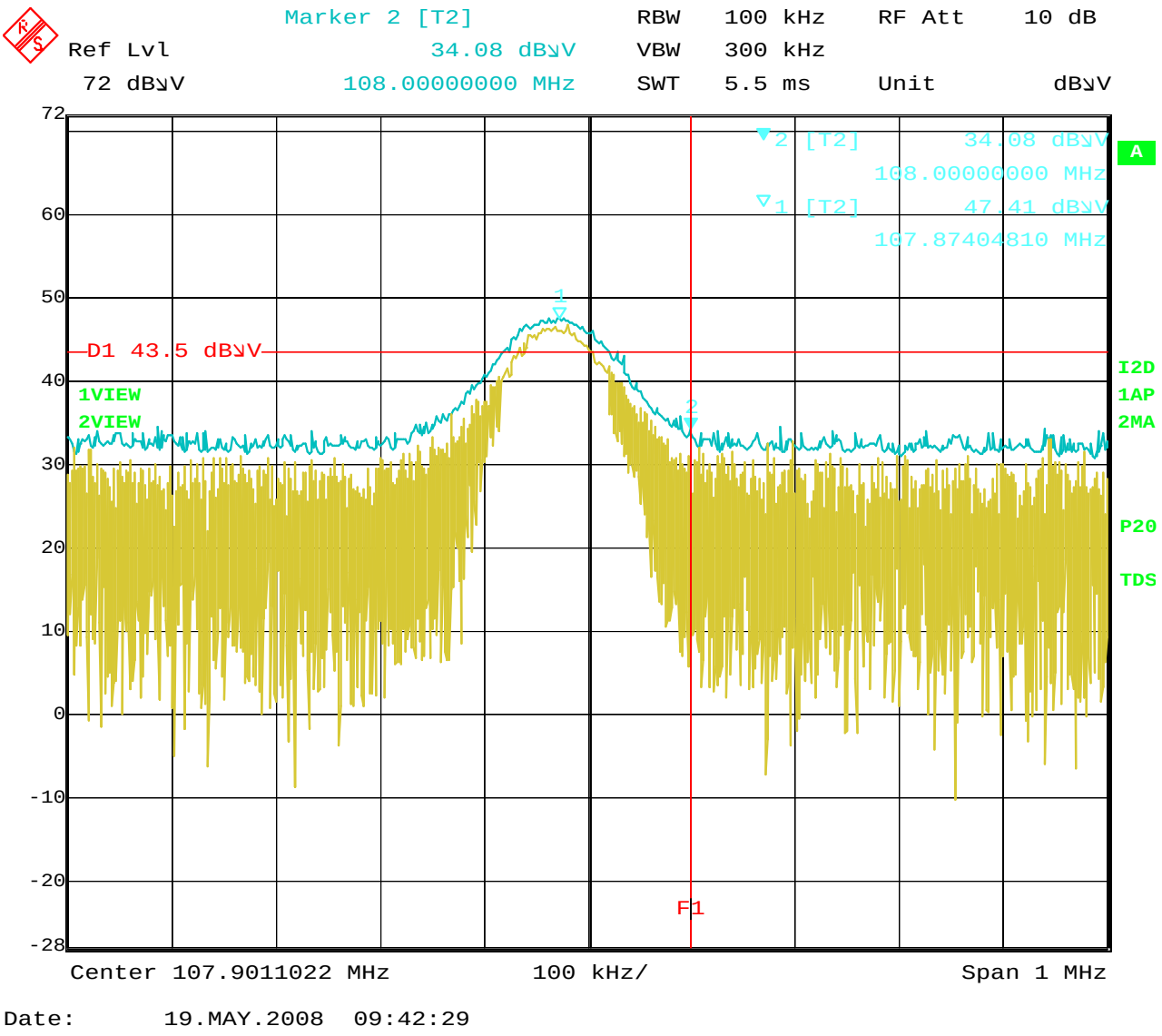
Date: 5/19/2008
Lab: D
Tested By: Kyle Fujimoto

Radiated Emissions -- Vertical and Horizontal Polarizations
Desktop Axis - Band Edges

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit (dBuV/m)	Margin (dB)	Peak / QP / Avg	Comments
87.99	38.94	V	40.00	-1.06	Pk	**Band Edge Low Channel**
88.00	38.02	V	40.00	-1.98	Pk	**Band Edge Low Channel**
88.00	33.89	H	40.00	-6.11	Pk	**Band Edge Low Channel**
108.00	34.08	V	43.50	-9.42	Pk	**Band Edge High Channel**
108.00	33.20	H	43.50	-10.30	Pk	**Band Edge High Channel**



Band Edge – Low Channel – Vertical Polarization (Worst Case) - Desktop Mode (Worst Case)

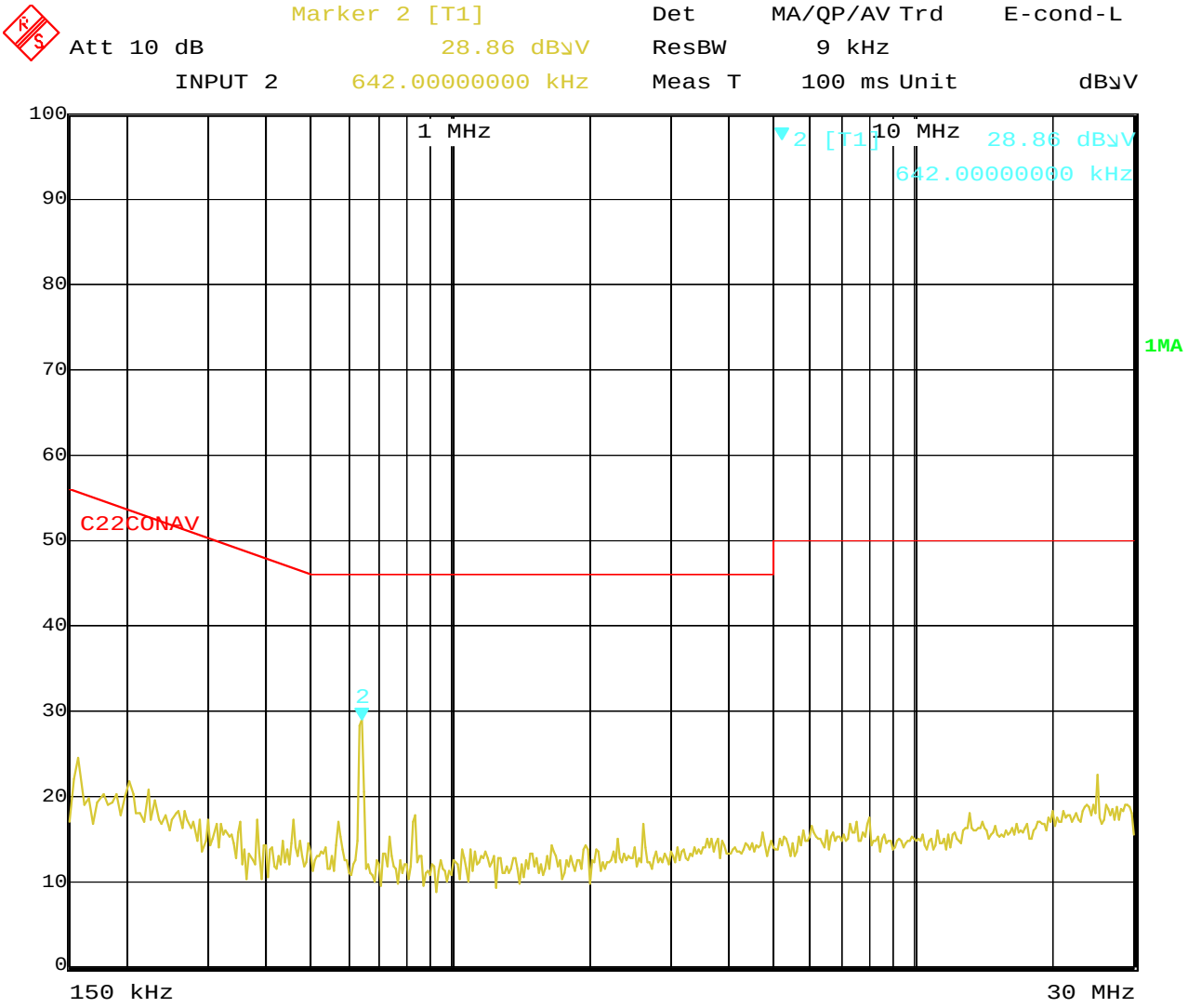


Band Edge – High Channel – Vertical Polarization (Worst Case) - Desktop Mode (Worst Case)

CONDUCTED EMISSIONS

DATA SHEETS

FCC Class B Conducted Emissions Test
MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM
FCC Class B – Black Lead – 115 VAC
Tested By: Kyle Fujimoto



Date: 19.MAY.2008 13:39:40

FCC Class B Conducted Emissions Test
MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM
FCC Class B – Black Lead – 115 VAC
Tested By: Kyle Fujimoto

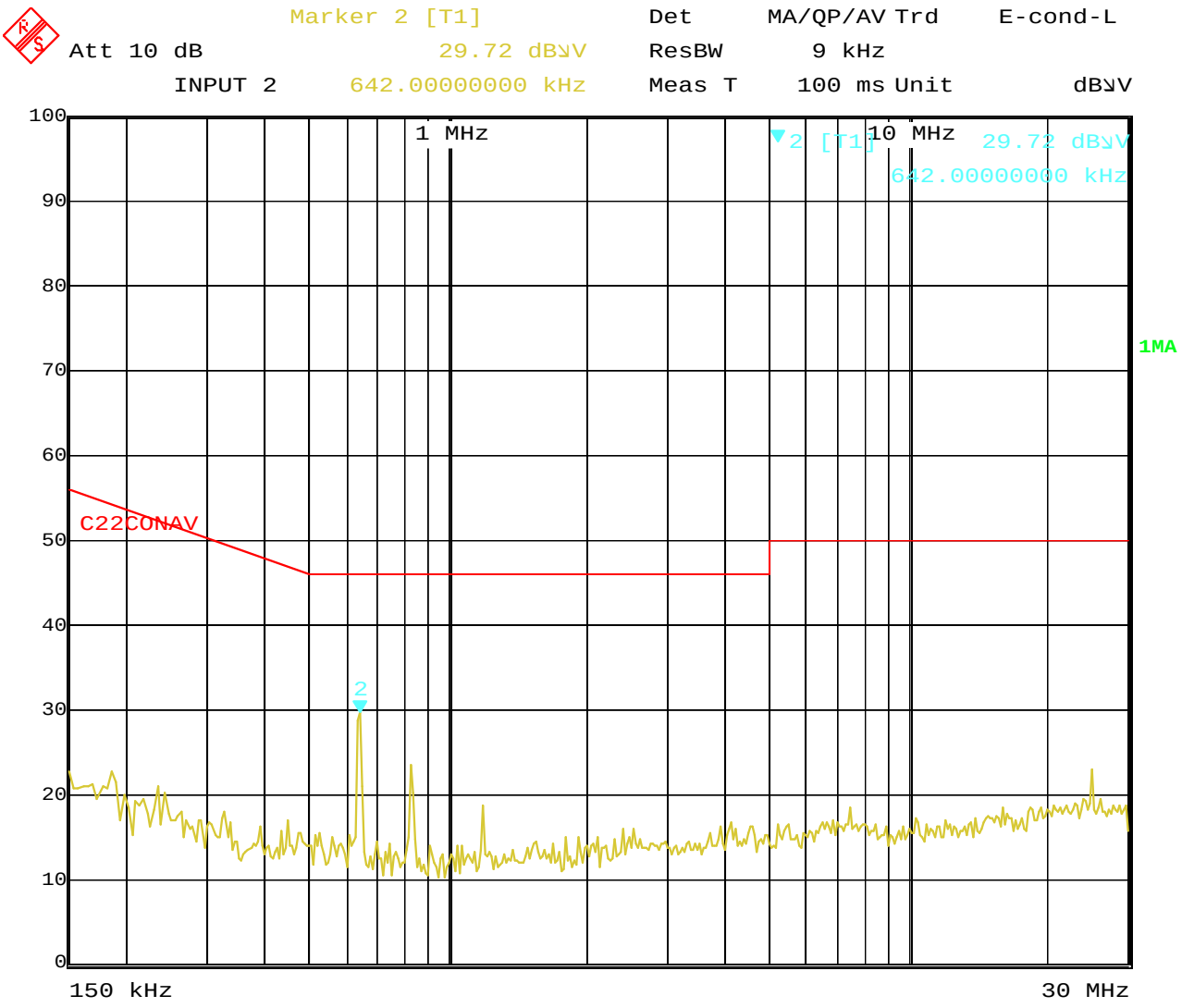
EDIT PEAK LIST (Final Results)

Trace1:	C22CONAV	Trace2:	---
Trace3:	---	Trace4:	---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	202.0000 kHz	22.80	-30.72
1 Max Peak	570.0000 kHz	17.89	-28.10
1 Max Peak	638.0000 kHz	29.09	-16.90
1 Max Peak	742.0000 kHz	15.94	-30.05
1 Max Peak	830.0000 kHz	21.87	-24.12
1 Max Peak	2.8380 MHz	15.46	-30.53
1 Max Peak	3.4740 MHz	15.08	-30.91
1 Max Peak	4.1500 MHz	16.30	-29.69
1 Max Peak	4.4340 MHz	15.37	-30.62
1 Max Peak	4.7500 MHz	15.26	-30.73
1 Max Peak	4.9580 MHz	15.27	-30.72
1 Max Peak	21.4380 MHz	19.68	-30.32
1 Max Peak	22.9580 MHz	19.19	-30.80
1 Max Peak	23.1100 MHz	19.21	-30.78
1 Max Peak	23.8300 MHz	19.53	-30.46
1 Max Peak	23.8980 MHz	19.29	-30.70
1 Max Peak	24.2740 MHz	19.58	-30.41
1 Max Peak	24.4860 MHz	19.98	-30.01
1 Max Peak	24.9180 MHz	19.40	-30.59
1 Max Peak	25.0620 MHz	22.41	-27.58

Date: 19.MAY.2008 13:41:25

FCC Class B Conducted Emissions Test
MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM
FCC Class B – White Lead – 115 VAC
Tested By: Kyle Fujimoto



Date: 19.MAY.2008 13:42:40

FCC Class B Conducted Emissions Test
MYE Entertainment, LLC
FM Single Channel Transmitter
Model: MWT-FM
FCC Class B – White Lead – 115 VAC
Tested By: Kyle Fujimoto

EDIT PEAK LIST (Final Results)

Trace1:	C22CONAV	Trace2:	---
Trace3:	---	Trace4:	---

TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	642.0000 kHz	29.71	-16.28
1 Max Peak	830.0000 kHz	23.33	-22.66
1 Max Peak	1.1900 MHz	18.57	-27.42
1 Max Peak	1.8100 MHz	14.83	-31.16
1 Max Peak	1.9300 MHz	14.84	-31.15
1 Max Peak	2.4140 MHz	15.80	-30.20
1 Max Peak	2.5420 MHz	15.93	-30.06
1 Max Peak	3.7340 MHz	15.40	-30.60
1 Max Peak	3.9260 MHz	16.06	-29.93
1 Max Peak	4.0820 MHz	15.80	-30.19
1 Max Peak	4.1500 MHz	16.60	-29.39
1 Max Peak	4.5580 MHz	16.08	-29.91
1 Max Peak	4.6140 MHz	16.08	-29.91
1 Max Peak	20.8620 MHz	18.54	-31.45
1 Max Peak	22.2740 MHz	18.50	-31.49
1 Max Peak	23.1060 MHz	18.86	-31.13
1 Max Peak	23.4260 MHz	18.61	-31.38
1 Max Peak	24.2140 MHz	19.33	-30.66
1 Max Peak	24.3660 MHz	19.20	-30.79
1 Max Peak	24.7860 MHz	18.95	-31.04

Date: 19.MAY.2008 13:43:23