FCC PART 15, SUBPART C
TEST REPORT

for

902-928 MHz FM STEREO TRANSMITTER MODULE
Model: xTV-9T
FCC ID: M4D-902

Prepared for

CARDIO THEATER HOLDINGS, INC
21420-D NW NICHOLAS COURT #12
HILLSBORO OR, 97124

Prepared by:

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Approved by:

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DATE: SEPTEMBER 22, 2003

	REPORT BODY	APPENDICES					TOTAL
		A	***B***	***C***	***D***	***E***	
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1	Conducted Emissions Test Setup
2	Plot Map And Layout of Test Site

GENERAL REPORT SUMMARY

This electromagnetic emission 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 in any form except in full, without the written permission of Compatible Electronics.

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

Device Tested: 902-928 MHz FM Stereo Transmitter Module
Model: xTV-9T
SN: US-2

Product Description: This is an FM Stereo Transmitter Module.

Modifications: The EUT was not modified during the testing.

Manufacturer: Cardio Theater Holdings, Inc.
21420-D NW Nicholas Court #12
Hillsboro, OR 97124

Test Dates: September 17 & 22, 2003

Test Specifications: EMI requirements
FCC CFR Title 47, Part 15 Subpart C
Test Procedure: ANSI C63.4: 2001.

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 limits of FCC CFR Title 47, Part 15 Subpart C 15.207. Highest Reading in relation to spec. limit: 37.19 dBuV @ 1.148 MHz (*u_c = 0.27dB)
2	Radiated RF Emissions, 10 kHz - 10 GHz.	Complies with the limits of FCC CFR Title 47, Part 15 Subpart C 15.205, 15.209 and 15.249. Highest Reading in relation to spec. limit: 91.20 dBuV @ 923.67 MHz (*u_c = 2.91dB)

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the 902-928 MHz FM Stereo Transmitter Module Model: xTV-9T. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4: 2001. 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 specification limits defined in FCC CFR Title 47, Subpart C 15.205, 15.207, 15.209 and 15.249.

2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Compatible Electronics, 2337 Troutdale Drive, Agoura, California 91301.

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

Cardio Theater Holdings, Inc.

Tony Garcia	Executive Vice President

Compatible Electronics Inc.

Andre D. Khan	Test Technician
Ruby A. Hall	Lab Manager

2.4 Date Test Sample was Received

The test sample was received on September 17, 2003.

2.5 Disposition of the Test Sample

The test sample remains at Compatible Electronics, Inc.

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
FCC CFR Title 47, Part 15 Subpart C.	FCC Rules – Intentional Radiators.
CISPR 16 1993	Specification for radio disturbance and immunity measuring apparatus and methods.
ANSI C63.4 2001	Methods of measurement of radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9 kHz to 40 GHz.

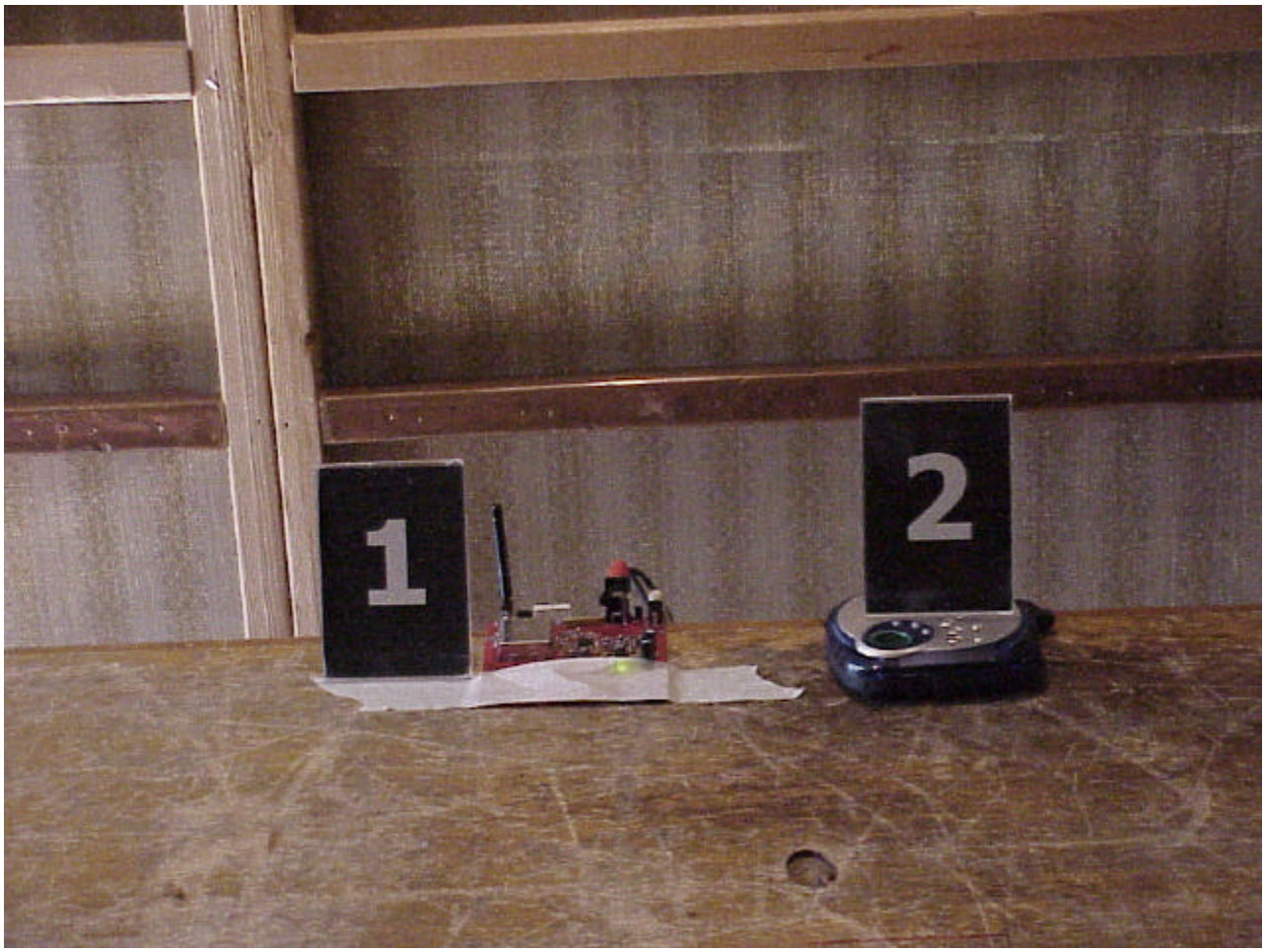
4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description of Test Configuration - EMI

The EUT was set-up in a tabletop configuration. An external audio signal was connected to the base module, which fed its signal to the EUT. The EUT was continuously transmitting throughout the test.

The highest emissions were found when the EUT was running in the above configuration. The cables were moved to maximize the emissions. The final radiated and conducted data was taken in this mode of operation. All initial investigations were performed with the spectrum analyzer in manual mode scanning the frequency range continuously. The cables were bundled and routed as shown in the photographs in Appendix D.

4.1.1 Photograph of Test Configuration - EMI



4.1.2 Cable Construction and Termination

Cable 1 This is a 2 meter standard RCA cable that connects the CD Player to the Base Module of the EUT. There is a ¼" stereo phone plug at the CD Player end and two RCA plugs at the Base module end. The cable was bundled to a length of 1 meter.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

#	EQUIPMENT TYPE	MANUFACTURER	MODEL	SERIAL NUMBER
1	902-928 MHz FM STEREO TRANSMITTER MODULE (EUT)	CARDIO THEATER HOLDINGS, INC.	xTV-9T	US2 FCC ID: M4D-902
2	CD PLAYER	PANASONIC	SL-SX390	N2185
	AC ADAPTER (EUT)	RADIO SHACK	273-1773	N/A

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. DUE DATE
Spectrum Analyzer	Hewlett Packard	8566B	2729A04566	Jan. 27, 2003	Jan. 27, 2004
Quasi-Peak Adapter	Hewlett Packard	85650A	2521A00682	Jan. 27, 2003	Jan. 27, 2004
Preamplifier	Com Power	CPPA-102	01249	Feb. 10, 2003	Feb. 10, 2004
LISN	Com Power	LI-215	12037	Oct. 19, 2002	Oct. 19, 2003
LISN (Accessory)	Com Power	LI-115	02030	Oct. 19, 2002	Oct. 19, 2003
Transient Limiter	Com Power	HZ560	3549	Jan. 24, 2003	Jan. 24, 2004
Loop Antenna	Com Power	AL-130	17067	Mar. 06, 2003	Mar. 06, 2004
Biconical Antenna	Com Power	AB-100	01535	Mar. 10, 2003	Mar. 10, 2004
Log Periodic Antenna	Com Power	AL-100	01116	Jan. 23, 2003	Jan. 23, 2004
Horn Antenna	A. R. A.	DRG 118/A	1015	Nov. 18, 2002	Nov. 18, 2005
Microwave Amplifier	Com Power	PA-122	181915	Mar. 20, 2003	Mar. 20, 2004
Antenna Mast	Com Power	AM-400	N/A	N/A	N/A
Turntable	Com Power	TT-106A	N/A	N/A	N/A
Computer	Hewlett Packard	Pavilion 4530	US91912022	N/A	N/A
Printer	Hewlett Packard	C6427B	MY066160TW	N/A	N/A
(Software) Radiated Emissions Transmitter Data Program	Compatible Electronics	DOC No: EMI_PART15TX -B-0-50	Rev. A	N/A	N/A
(Software) Conducted Emissions Program	Compatible Electronics	SR21	N/A	N/A	N/A
(Software) Radiated Emissions Data Capture Program	Compatible Electronics	Version 3.1	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 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 along with the quasi-peak adapter. The data was collected with the Spectrum Analyzer in the peak detect mode with the "Max Hold" feature activated. The quasi-peak was used only where indicated in the data sheets. A 10 dB attenuation pad was used for the protection of the Spectrum Analyzer input stage, and the Spectrum Analyzer offset was adjusted accordingly to read the actual data measured. The LISN output was read by the Spectrum Analyzer. The output of the second LISN was terminated by a 50 ohm termination. The effective measurement bandwidth used for the conducted emissions test was 9 kHz.

Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in ANSI C63.4: 2001. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The initial test data was taken in manual mode while scanning the frequency ranges of 150 kHz to 1.6 MHz, 1.6 MHz to 5 MHz and 5 MHz to 30 MHz. The conducted emissions from the EUT were maximized for operating mode as well as cable placement. Once a predominant frequency (within 12 dB of the limit) was found, it was more closely examined with the spectrum analyzer span adjusted to 1 MHz.

The final data was collected under program control by the computer in several overlapping sweeps by running the Spectrum Analyzer at a minimum scan rate of 10 seconds per octave. The final test data is located in Appendix E.

7.1.2 Radiated Emissions Test

The spectrum analyzer was used as a measuring meter along with a quasi-peak adapter. A Preamplifier was used to increase the sensitivity of the instrument. The Spectrum Analyzer was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer records the highest measured reading over all the sweeps. This final reading is then recorded into the a Computer data recording program, which takes into account the cable loss, amplifier gain and antenna factors, so that a true reading is compared to the true limit. The quasi-peak was used only for those readings, which are marked accordingly on the data sheets. The effective measurement bandwidth used for the radiated emissions test was according to the frequency measured (200 Hz for 10kHz-150kHz, 9 kHz for 0.150kHz-30MHz, 120 kHz for 30-1000MHz and 1 MHz for 1000MHz and above).

Broadband loop, biconical, log periodic and horn antennas were used as transducers during the measurement. The loop antenna was used from 10 kHz to 30 MHz, the biconical antenna was used from 30 MHz to 300 MHz and the log periodic antenna was used from 300 MHz to 10 GHz. The frequency spans were wide (10 kHz to 30 MHz, 30 MHz to 88 MHz, 88 MHz to 216 MHz, 216 to 300 MHz, 300 MHz to 1 GHz and 1 GHz to 10 GHz) during preliminary investigations. The final data was taken with a frequency span of 1 MHz. Furthermore, the frequency span was reduced during the preliminary investigations as deemed necessary.

The open field test site of Compatible Electronics, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.4: 2001. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Data was collected in the worst case (highest emission) configuration of the EUT. At each reading, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength).

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

7.1.3 RF Emissions Test Results

The fundamental and up to the 10th harmonic emissions are within the specifications.

ENERCISE, INC.
902-928 MHz FM Stereo Transmitter Module

RADIATED EMISSIONS – SPURIOUS

The Frequency Band from 10kHz to 10GHz was specifically scanned. No spurious emissions were found.

RF Energy from the EUT at 3 meters (µV/m) is below the limits in the following ranges listed below.

0.090-0.110	<70	167.72-173.2	<150
0.495-0.505	<70	240-285	<200
2.1735-2.1905	<70	322-335.4	<200
4.125-4.128	<70	399.9-410	<200
4.17725-4.17775	<70	608-614	<200
4.20725-4.20775	<70	960-1240	<500
6.215-6.218	<70	1300-1427	<500
6.26775-6.26825	<70	1435-1626.5	<500
6.31175-6.31225	<70	1645.5-1646.5	<500
8.291-8.294	<70	1660-1710	<500
8.362-8.366	<70	1718.8-1722.2	<500
8.37625-8.38675	<70	2200-2300	<500
8.41425-8.41475	<70	2310-2390	<500
12.29-12.293	<70	2483.5-2500	<500
12.51975-12.52025	<70	2655-2900	<500
12.57675-12.57725	<70	3260-3267	<500
13.36-13.41	<70	3332-3339	<500
16.42-16.423	<70	3345.8-3358	<500
16.69475-16.69525	<70	3600-4400	<500
16.80425-16.80475	<70	GHz	
25.5-25.67	<70	4.5-5.15	<500
37.5-38.25	<100	5.35-5.46	<500
73-74.6	<100	7.25-7.75	<500
74.8-75.2	<100	8.025-8.5	<500
108-121.94	<100	9.0-9.2	<500
123-138	<150	9.3-9.5	<500
149.9-150.05	<150		
156.52-156.52	<150		
162.01-167.17	<150		

RADIATED EMISSION – BAND EDGE

The emission from the lowest and highest channel of the EUT lies within the bandwidth of 902-928MHz. See Appendix E for the plots.

8. CONCLUSIONS

The 902-928 MHz FM Stereo Transmitter Module Model: xTV-9T meets all of the requirements of the FCC CFR, Title 47, Part 15, Subpart C 15.205, 15.207, 15.209 and 15.249.

APPENDIX A

LABORATORY ACCREDITATIONS

LABORATORY ACCREDITATIONS

Compatible Electronics has the following agency Accreditations:

National Voluntary Laboratory Accreditation Program - Lab Code: 200063-0

Voluntary Control Council for Interference - Registration Numbers: R-826, C-862, R-653 and C-669

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

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

Federal Communications Commission

Industry Canada

Radio-Frequency Technologies (Competent Body)

Conformity Assessment Body for the EMC directive under the US/EU MRA appointed by NIST.

APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

There were no modifications made to the EUT during the test.

APPENDIX C

ADDITIONAL MODELS COVERED UNDER THIS REPORT

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST	902-928 MHz FM STEREO TRANSMITTER MODULE Model: XTV-9T S/N: US2

There were no additional models covered under this report.

APPENDIX D

DIAGRAMS, CHARTS AND PHOTOS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

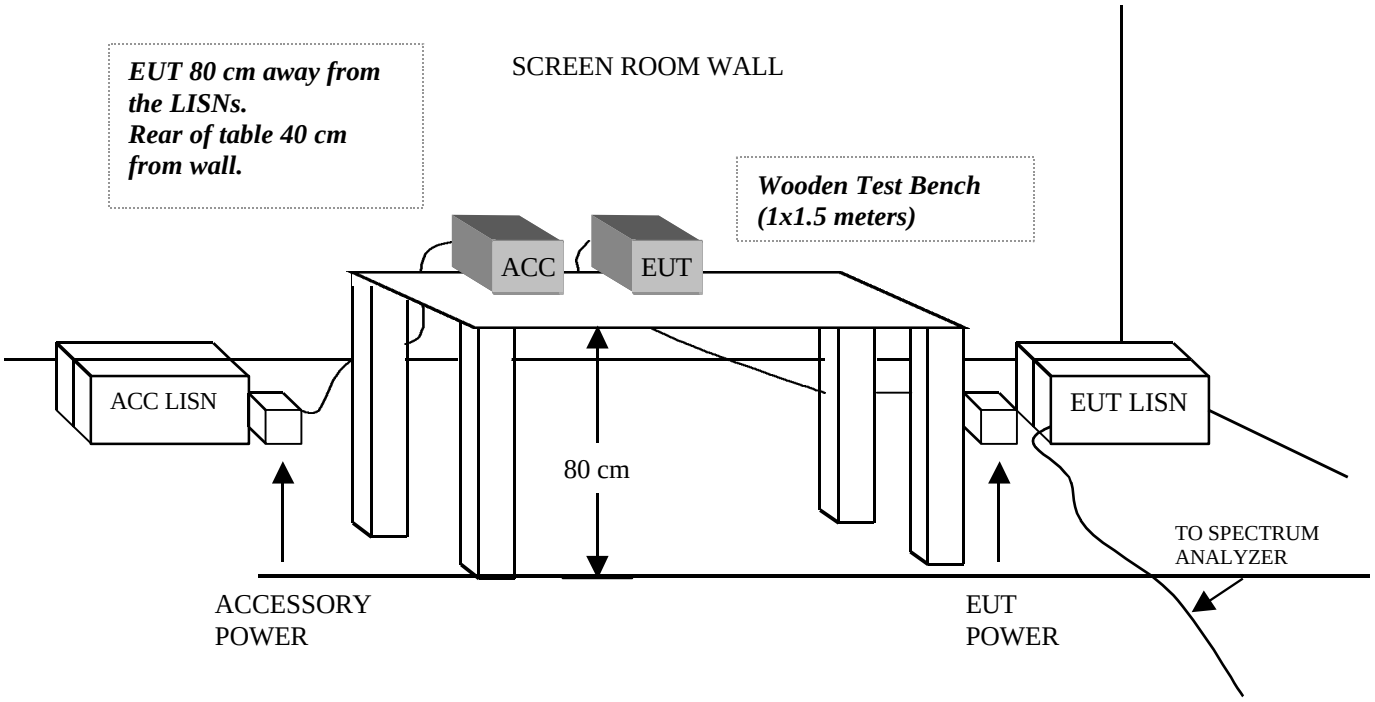
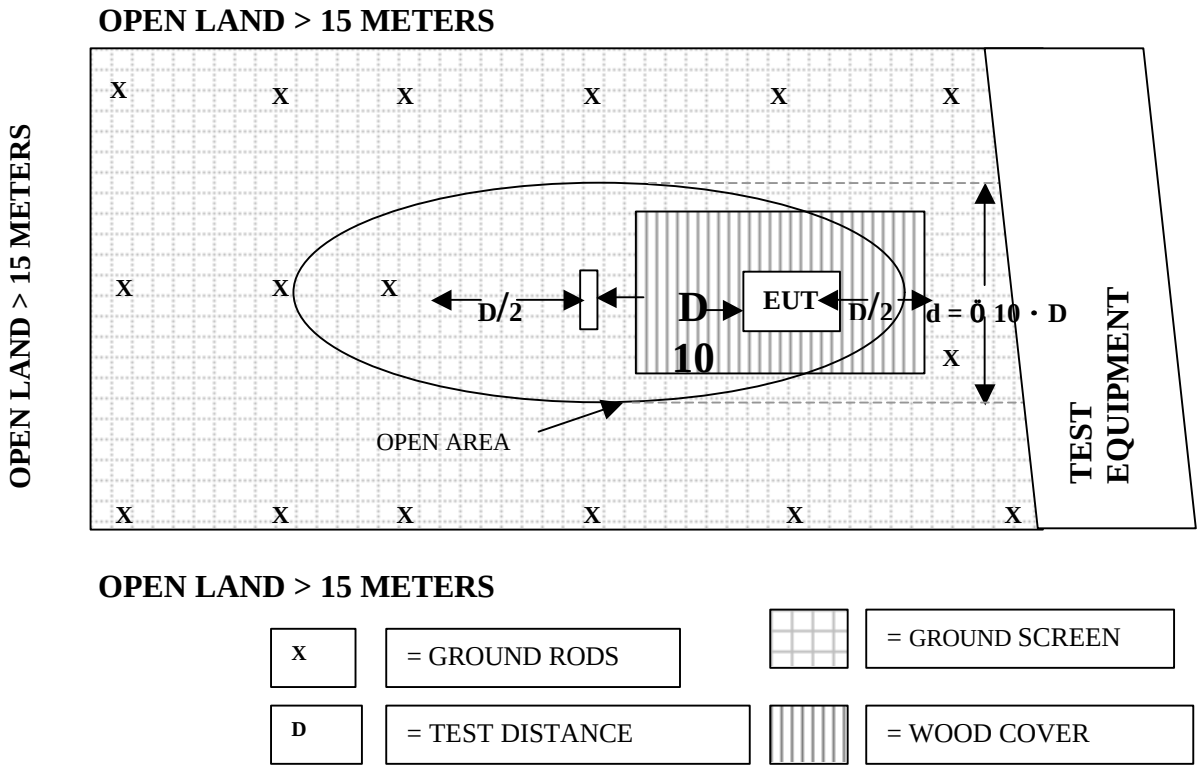


FIGURE 2: PLOT MAP AND LAYOUT OF RADIATED SITE



COM-POWER AL-130

ACTIVE LOOP ANTENNA

S/N: 17067

CALIBRATION DATE: MARCH 6, 2003

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
0.009	11.9	1	10.8
0.01	11.8	2	11.5
0.02	10.7	3	11.0
0.03	12.4	4	10.9
0.04	12.1	5	11.6
0.05	10.5	6	11.5
0.06	10.9	7	11.4
0.07	10.6	8	11.2
0.08	10.2	9	11.6
0.09	10.1	10	11.0
0.1	10.0	12	10.2
0.2	7.8	14	10.3
0.3	10.1	15	10.3
0.4	10.1	16	10.3
0.5	10.3	18	10.4
0.6	10.4	20	10.3
0.7	10.5	25	10.0
0.8	10.5	30	8.4
0.9	10.5		

COM-POWER AB-100

BICONICAL ANTENNA

S/N: 1535

CALIBRATION DATE: MARCH 10, 2003

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	12.8	120	9.6
35	11.6	125	10.0
40	11.5	140	11.9
45	11.7	150	12.1
50	12.2	160	13.4
55	10.9	175	13.6
60	10.2	180	13.6
65	7.9	200	14.8
70	9.7	225	15.1
80	8.1	250	16.7
90	9.0	275	17.6
100	9.3	300	18.8

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 01116

CALIBRATION DATE: JAN. 23, 2003

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	16.0	650	20.2
330	15.1	700	21.5
340	15.4	725	21.9
350	15.6	750	21.3
360	16.4	800	21.0
370	14.1	850	22.5
400	15.1	900	22.9
425	15.1	925	23.1
450	16.7	950	24.2
500	17.0	975	24.3
550	18.7	1000	26.2
600	19.4		

COM-POWER PA-102

PREAMPLIFIER

S/N: 1249

CALIBRATION DATE: FEB. 10, 2003

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	35.5	300	34.6
40	35.4	350	34.8
50	35.6	400	34.6
60	35.3	450	34.2
70	35.5	500	35.0
80	35.1	550	34.6
90	35.4	600	35.0
100	35.2	650	35.4
125	35.4	700	35.0
150	35.1	750	36.4
175	35.0	800	34.6
200	35.1	850	32.2
225	35.0	900	29.4
250	34.7	950	30.5
275	34.8	1000	30.8

COM-POWER PA-122

PREAMPLIFIER

S/N: 181915

CALIBRATION DATE: MARCH 20, 2003

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
1000	27.3	7000	29.1
1100	27.3	7500	30.5
1200	27.1	8000	29.7
1300	27.1	8500	29.2
1400	27.6	9000	28.8
1500	27.3	9500	25.9
1600	28.0	10000	30.0
1700	28.7	11000	29.5
1800	31.2	12000	29.5
1900	31.2	13000	27.6
2000	31.9	14000	29.2
2500	31.3	15000	29.7
3000	31.0	16000	30.2
3500	32.5	17000	23.2
4000	30.7	18000	26.4
4500	31.5		
5000	32.0		
5500	30.7		
6000	30.6		
6500	29.5		

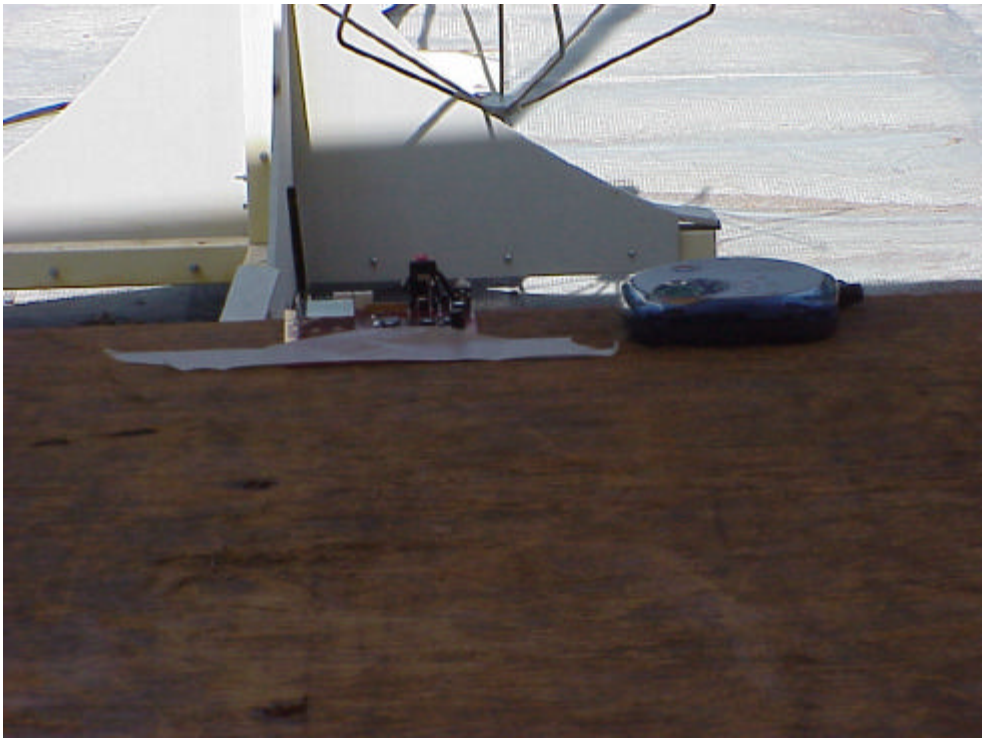
A.R.A DRG-118/A

HORN ANTENNA

S/N: 1015

CALIBRATION DATE: NOVEMBER 18, 2002

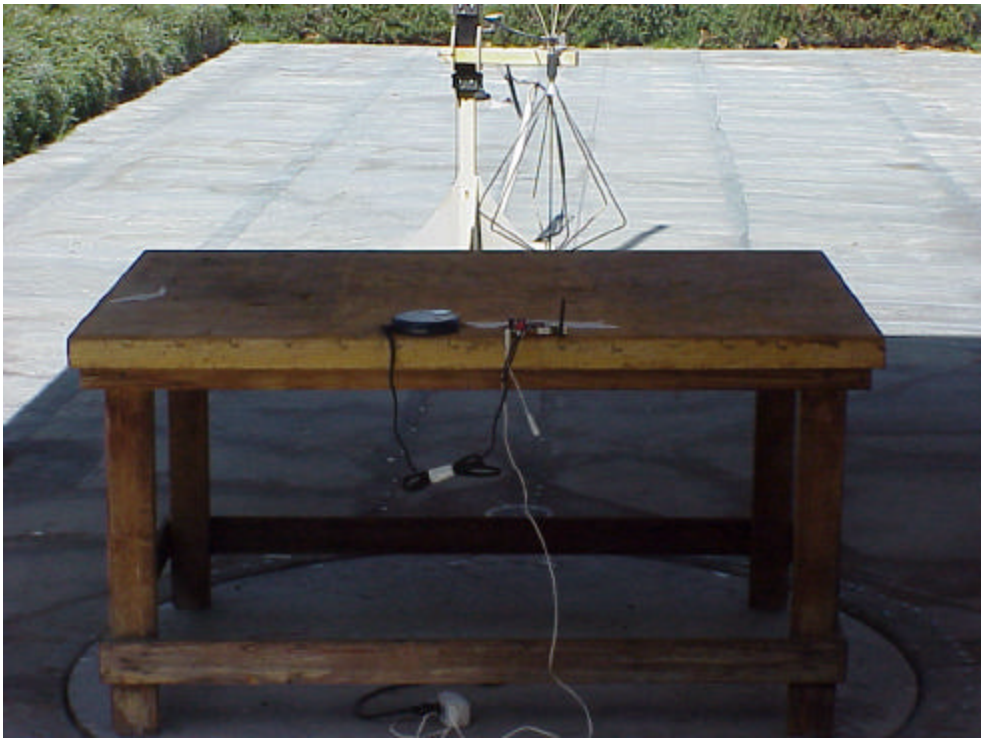
FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
1000	25.5	10000	39.7
1500	26.7	10500	41.1
2000	30.1	11000	40.6
2500	30.6	11500	41.4
3000	31.5	12000	42.8
3500	32.3	12500	43.7
4000	32.7	13000	41.7
4500	33.0	13500	40.5
5000	35.1	14000	40.7
5500	35.2	14500	41.8
6000	36.4	15000	43.2
6500	36.9	15500	42.5
7000	39.7	16000	42.4
7500	38.8	16500	41.2
8000	37.9	17000	41.7
8500	37.9	17500	43.8
9000	39.9	18000	45.2
9500	39.0		



FRONT VIEW

ENERCISE, INC.
902-928 MHz FM STEREO TRANSMITTER MODULE
Model: xTV-9T
FCC PART 15 SUBPART C - RADIATED EMISSIONS – 9-17-03

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



REAR VIEW

ENERCISE, INC.
902-928 MHz FM STEREO TRANSMITTER MODULE
Model: xTV-9T
FCC PART 15 SUBPART C - RADIATED EMISSIONS – 9-17-03

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

FRONT VIEW

ENERCISE, INC.
902-928 MHz FM STEREO TRANSMITTER MODULE
Model: xTV-9T
FCC PART 15 SUBPART C - CONDUCTED EMISSIONS – 9-17-03

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

ENERCISE, INC.
902-928 MHz FM STEREO TRANSMITTER MODULE
Model: xTV-9T
FCC PART 15 SUBPART C - CONDUCTED EMISSIONS – 9-17-03

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

APPENDIX E

DATA SHEETS

EUT AND LAB INFORMATION

COMPANY:	Cardio Theater
EUT NAME:	902-928 MHz TX Module
EUT MODEL:	xTV-9T
EUT S/N:	US-2
EUT MODE:	TRANSMIT
LOW CHANNEL (MHz):	905.05
MEDIUM CHANNEL (MHz):	914.25
HIGH CHANNEL (MHz):	923.67
FULL BANDWIDTH (MHz):	
DUTY CYCLE %	0
LEAVE BLANK FOR 3 AXIS	0
LAB:	F
TEST DATE:	9/17/03
DATA SHEET TITLE:	RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)
TEST ENGINEER:	Andre D. Khan
TEST DISTANCE:	3 METERS

ENTER "0" IF THERE IS NO DUTY CYCLE PERCENTAGE

ENTER "0" IF TESTING ONLY ONE AXIS

LAB FACTORS (CHANNEL 1)

FREQ. (MHz)					CABLE LOSS	PREAMP GAIN	ANT. FACTORS
.01-30 S/N CAL DUE							
30-300 S/N CAL DUE					RG-8/U 3548 5/13/04	PA-102 1249 2/10/04	AB-100 1535 3/10/04
300-1000 S/N CAL DUE					RG-8/U 3548 5/13/04	PA-102 1249 2/10/04	AL-100 1116 1/23/04
1G-13G S/N CAL DUE					FSJ1-50 3567 3/20/04	PA-122 181915 3/20/04	DRG-118A 1015 11/18/05
13G-18G S/N CAL DUE							
18G-26.5G S/N CAL DUE	RESTRICTED? PEAK	RESTRICTED? BAND	A or QP	SPEC LIMIT (dBuV/m)			
905.05	0	0	QP	94.0	9.7		22.9
1810.10	0	0	A	54.0	5.4	31.2	28.8
2715.15	1	0	A	54.0	6.6	31.2	31.0
3620.20	1	0	A	54.0	7.8	32.1	32.4
4525.25	1	0	A	54.0	9.6	31.5	33.1
5430.30	1	0	A	54.0	9.3	30.9	35.2
6335.35	0	0	A	54.0	10.6	29.9	36.7
7240.40	0	0	A	54.0	11.5	29.8	39.3
8145.45	1	0	A	54.0	12.1	29.6	37.9
9050.50	1	0	A	54.0	13.2	28.5	39.8

LAB FACTORS (CHANNEL 2)

FREQ. (MHz)					CABLE LOSS	PREAMP GAIN	ANT. FACTORS
.01-30 S/N CAL DUE							
30-300 S/N CAL DUE					RG-8/U 3548 5/13/04	PA-102 1249 2/10/04	AB-100 1535 3/10/04
300-1000 S/N CAL DUE					RG-8/U 3548 5/13/04	PA-102 1249 2/10/04	AL-100 1116 1/23/04
1G-13G S/N CAL DUE					FSJ1-50 3567 3/20/04	PA-122 25137 3/20/04	DRG-118A 1015 11/18/05
13G-18G S/N CAL DUE							
18G-26.5G S/N CAL DUE	RESTRICTED? PEAK	RESTRICTED? BAND	A or QP	SPEC LIMIT (dBuV/m)			
914.25	0	0	QP	94.0	9.8		23.0
1828.50	0	0	A	54.0	5.5	31.2	28.9
2742.75	1	0	A	54.0	6.6	31.2	31.0
3657.00	1	0	A	54.0	7.9	31.9	32.4
4571.25	1	0	A	54.0	9.7	31.6	33.3
5485.50	0	0	A	54.0	9.1	30.7	35.2
6399.75	0	0	A	54.0	10.8	29.7	36.8
7314.00	1	0	A	54.0	11.4	30.0	39.1
8228.25	1	0	A	54.0	12.0	29.5	37.9
9142.50	1	0	A	54.0	13.3	28.0	39.7

LAB FACTORS (CHANNEL 3)

FREQ. (MHz)					CABLE LOSS	PREAMP GAIN	ANT. FACTORS
.01-30 S/N CAL DUE							
30-300 S/N CAL DUE					RG-8/U 3548 5/13/04	PA-102 1249 2/10/04	AB-100 1535 3/10/04
300-1000 S/N CAL DUE					RG-8/U 3548 5/13/04	PA-102 1249 2/10/04	AL-100 1116 1/23/04
1G-13G S/N CAL DUE					FSJ1-50 3567 3/20/04	PA-122 25137 3/20/04	DRG-118A 1015 11/18/05
13G-18G S/N CAL DUE							
18G-26.5G S/N CAL DUE	RESTRICTED? PEAK	RESTRICTED? BAND	A or QP	SPEC LIMIT (dBuV/m)			
923.67	0	0	QP	94.0	9.9		23.1
1847.34	0	0	A	54.0	5.6	31.2	29.1
2771.01	1	0	A	54.0	6.7	31.1	31.1
3694.68	1	0	A	54.0	7.9	31.8	32.5
4618.35	1	0	A	54.0	9.7	31.6	33.5
5542.02	0	0	A	54.0	9.2	30.7	35.3
6465.69	0	0	A	54.0	11.0	29.6	36.9
7389.36	1	0	A	54.0	11.3	30.2	39.0
8313.03	1	0	A	54.0	12.0	29.4	37.9
9236.70	0	0	A	54.0	13.4	27.5	39.5

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
905.0500	58.4	QP	H	1.5	180			22.9	9.7	0.0	**91.0**	**-3.0**	**94.0**	
905.0500	50.3	QP	V	1.0	180			22.9	9.7	0.0	**82.9**	**-11.1**	**94.0**	
914.2500	57.9	QP	H	1.5	200			23.0	9.8	0.0	**90.7**	**-3.3**	**94.0**	
914.2500	50.8	QP	V	1.0	200			23.0	9.8	0.0	**83.6**	**-10.4**	**94.0**	
923.6700	59.0	58.3 QP	H	1.5	200			23.1	9.9	0.0	**91.2**	**-2.8**	**94.0**	
923.6700	53.1	QP	V	1.0	180			23.1	9.9	0.0	**86.0**	**-8.0**	**94.0**	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
1810.1000	41.7	A	H	3.0	200			28.8	5.4	31.2	**44.7**	**-9.3**	**54.0**	
1810.1000	37.7	A	V	1.0	180			28.8	5.4	31.2	**40.7**	**-13.3**	**54.0**	
1828.5000	43.0	A	H	3.0	200			28.9	5.5	31.2	**46.2**	**-7.8**	**54.0**	
1828.5000	36.3	A	V	1.0	340			28.9	5.5	31.2	**39.5**	**-14.5**	**54.0**	
1847.3400	40.2	A	H	3.0	180			29.1	5.6	31.2	**43.6**	**-10.4**	**54.0**	
1847.3400	39.4	A	V	1.0	180			29.1	5.6	31.2	**42.8**	**-11.2**	**54.0**	

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** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2715.1500		A	H					31.0	6.6	31.2			**54.0**	**No Readings Found**
2715.1500		A	V					31.0	6.6	31.2			**54.0**	**No Readings Found**
2742.7500		A	H					31.0	6.6	31.2			**54.0**	**No Readings Found**
2742.7500		A	V					31.0	6.6	31.2			**54.0**	**No Readings Found**
2771.0100		A	H					31.1	6.7	31.1			**54.0**	**No Readings Found**
2771.0100		A	V					31.1	6.7	31.1			**54.0**	**No Readings Found**

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** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
3620.2000		A	H					32.4	7.8	32.1			**54.0**	**No Readings Found**
3620.2000		A	V					32.4	7.8	32.1			**54.0**	**No Readings Found**
3657.0000		A	H					32.4	7.9	31.9			**54.0**	**No Readings Found**
3657.0000		A	V					32.4	7.9	31.9			**54.0**	**No Readings Found**
3694.6800		A	H					32.5	7.9	31.8			**54.0**	**No Readings Found**
3694.6800		A	V					32.5	7.9	31.8			**54.0**	**No Readings Found**

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** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
4525.2500		A	H					33.1	9.6	31.5			**54.0**	**No Readings Found**
4525.2500		A	V					33.1	9.6	31.5			**54.0**	**No Readings Found**
4571.2500		A	H					33.3	9.7	31.6			**54.0**	**No Readings Found**
4571.2500		A	V					33.3	9.7	31.6			**54.0**	**No Readings Found**
4618.3500		A	H					33.5	9.7	31.6			**54.0**	**No Readings Found**
4618.3500		A	V					33.5	9.7	31.6			**54.0**	**No Readings Found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5430.3000		A	H					35.2	9.3	30.9			**54.0**	**No Readings Found**
5430.3000		A	V					35.2	9.3	30.9			**54.0**	**No Readings Found**
5485.5000		A	H					35.2	9.1	30.7			**54.0**	**No Readings Found**
5485.5000		A	V					35.2	9.1	30.7			**54.0**	**No Readings Found**
5542.0200		A	H					35.3	9.2	30.7			**54.0**	**No Readings Found**
5542.0200		A	V					35.3	9.2	30.7			**54.0**	**No Readings Found**

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** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
6335.3500		A	H					36.7	10.6	29.9			**54.0**	**No Readings Found**
6335.3500		A	V					36.7	10.6	29.9			**54.0**	**No Readings Found**
6399.7500		A	H					36.8	10.8	29.7			**54.0**	**No Readings Found**
6399.7500		A	V					36.8	10.8	29.7			**54.0**	**No Readings Found**
6465.6900		A	H					36.9	11.0	29.6			**54.0**	**No Readings Found**
6465.6900		A	V					36.9	11.0	29.6			**54.0**	**No Readings Found**

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RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
7240.4000		A	H					39.3	11.5	29.8			**54.0**	**No Readings Found**
7240.4000		A	V					39.3	11.5	29.8			**54.0**	**No Readings Found**
7314.0000		A	H					39.1	11.4	30.0			**54.0**	**No Readings Found**
7314.0000		A	V					39.1	11.4	30.0			**54.0**	**No Readings Found**
7389.3600		A	H					39.0	11.3	30.2			**54.0**	**No Readings Found**
7389.3600		A	V					39.0	11.3	30.2			**54.0**	**No Readings Found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
8145.4500		A	H					37.9	12.1	29.6			**54.0**	**No Readings Found**
8145.4500		A	V					37.9	12.1	29.6			**54.0**	**No Readings Found**
8228.2500		A	H					37.9	12.0	29.5			**54.0**	**No Readings Found**
8228.2500		A	V					37.9	12.0	29.5			**54.0**	**No Readings Found**
8313.0300		A	H					37.9	12.0	29.4			**54.0**	**No Readings Found**
8313.0300		A	V					37.9	12.0	29.4			**54.0**	**No Readings Found**

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** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.249, 15.205)

COMPANY	**Cardio Theater**	**DATE**	**9/17/03**
EUT	**902-928 MHz TX Module**	**DUTY CYCLE**	**0.00 %**
MODEL	**xTV-9T**	**PEAK TO AVG**	**0 dB**
S/N	**US-2**	**TEST DIST.**	**3 METERS**
TEST ENGINEER	**Andre D. Khan**	**LAB**	**F**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
9050.5000		A	H					39.8	13.2	28.5			**54.0**	**No Readings Found**
9050.5000		A	V					39.8	13.2	28.5			**54.0**	**No Readings Found**
9142.5000		A	H					39.7	13.3	28.0			**54.0**	**No Readings Found**
9142.5000		A	V					39.7	13.3	28.0			**54.0**	**No Readings Found**
9236.7000		A	H					39.5	13.4	27.5			**54.0**	**No Readings Found**
9236.7000		A	V					39.5	13.4	27.5			**54.0**	**No Readings Found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

COMPATIBLE ELECTRONICS

Test Location	: Compatible Electronics	Page	: 1/1
Customer	: Tony Garcia	Date	: 09/17/2003
Manufacturer	: Cardio Theater	Time	: 10:31:51 AM
Eut name	: Transmitter Module	Lab	: F
Model	: xTV-9T	Test Distance	: 3.00 Meters
Serial #	: US-2		
Specification	: FCC Pt. 15 - Class B		

Distance correction factor (20 * log(test/spec)) : 0.00

Test Mode : Clocks: 4, 7.600, 8 MHz

Test Engineer: A. KHAN

Pol	Freq	Reading	Cable loss	Antenna factor	Amplifier gain	Corr'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB
1V	34.110	49.80	2.23	11.80	35.46	28.38	40.00	-11.62
2V	36.182	43.50	2.30	11.58	35.43	21.94	40.00	-18.06
3V	48.075	50.30	2.56	12.01	35.56	29.31	40.00	-10.69
4V	72.063	49.70	2.98	9.35	35.41	26.62	40.00	-13.38
5V	76.408	43.90	2.93	8.65	35.24	20.25	40.00	-19.75
6V	79.817	45.30	2.90	8.13	35.11	21.22	40.00	-18.78
7V	84.727	47.10	3.00	8.54	35.25	23.39	40.00	-16.61
8V	85.997	49.50	3.02	8.65	35.28	25.89	40.00	-14.11
9V	96.090	52.20	3.10	9.19	35.28	29.21	43.50	-14.29
10V	114.468	50.20	3.34	9.52	35.32	27.74	43.50	-15.76
11V	123.298	47.50	3.48	9.87	35.39	25.45	43.50	-18.05
12V	159.799	49.90	4.00	13.37	35.06	32.22	43.50	-11.28
13V	199.780	42.60	4.30	14.79	35.10	26.59	43.50	-16.91
14V	247.959	38.10	4.68	16.58	34.72	24.64	46.00	-21.36
15H	33.994	43.10	2.23	11.83	35.46	21.70	40.00	-18.30
16H	39.830	42.50	2.40	11.50	35.40	21.00	40.00	-19.00
17H	48.101	41.70	2.57	12.02	35.57	20.72	40.00	-19.28
18H	72.107	45.20	2.98	9.34	35.41	22.11	40.00	-17.89
19H	86.110	46.60	3.02	8.66	35.29	23.00	40.00	-17.00
20H	96.024	49.30	3.10	9.18	35.28	26.31	43.50	-17.19
21H	114.802	43.30	3.35	9.53	35.32	20.85	43.50	-22.65
22H	140.293	42.10	3.82	11.91	35.21	22.61	43.50	-20.89
23H	160.089	42.30	4.00	13.40	35.06	24.64	43.50	-18.86
24H	199.527	48.50	4.29	14.77	35.10	32.47	43.50	-11.03
25H	249.004	40.30	4.69	16.64	34.71	26.92	46.00	-19.08
26V	300.107	41.30	5.50	18.79	34.60	30.99	46.00	-15.01
27V	312.117	39.60	5.68	17.26	34.65	27.89	46.00	-18.11
28V	400.061	40.50	6.20	15.10	34.60	27.20	46.00	-18.80
29H	300.080	40.20	5.50	18.79	34.60	29.89	46.00	-16.11
30H	312.130	37.70	5.68	17.26	34.65	25.99	46.00	-20.01
31H	400.108	40.70	6.20	15.10	34.60	27.40	46.00	-18.60

The EUT was tested from 10 KHz to 1 GHz

COMPATIBLE ELECTRONICS

Test Location	: Compatible Electronics	**Page**	: 1/1
Customer	: Tony Garcia	**Date**	: 09/22/2003
Manufacturer	: Cardio Theater	**Time**	: 10:13:15 AM
Eut name	: Transmitter Module	**Lab**	: F
Model	: xTV-9T	**Test Distance**	: 3.00 Meters
Serial #	: US-2		
Specification	: FCC Pt. 15 - Class B Above 1 GH		
Distance correction factor (20 * log(test/spec))			: 0.00
Test Mode	: Clocks: 4, 7.600, 8 MHz		

Test Engineer: A. KHAN

Pol	Freq	Reading	Cable loss	Antenna factor	Amplifier gain	Corr'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB
1V	1015.048	47.60	3.95	25.54	27.30	49.79	54.00	-4.21
2H	1015.180	45.70	3.95	25.54	27.30	47.89	54.00	-6.11

The EUT was Tested to 10 GHz No Readings Found above 1015.0 GHz

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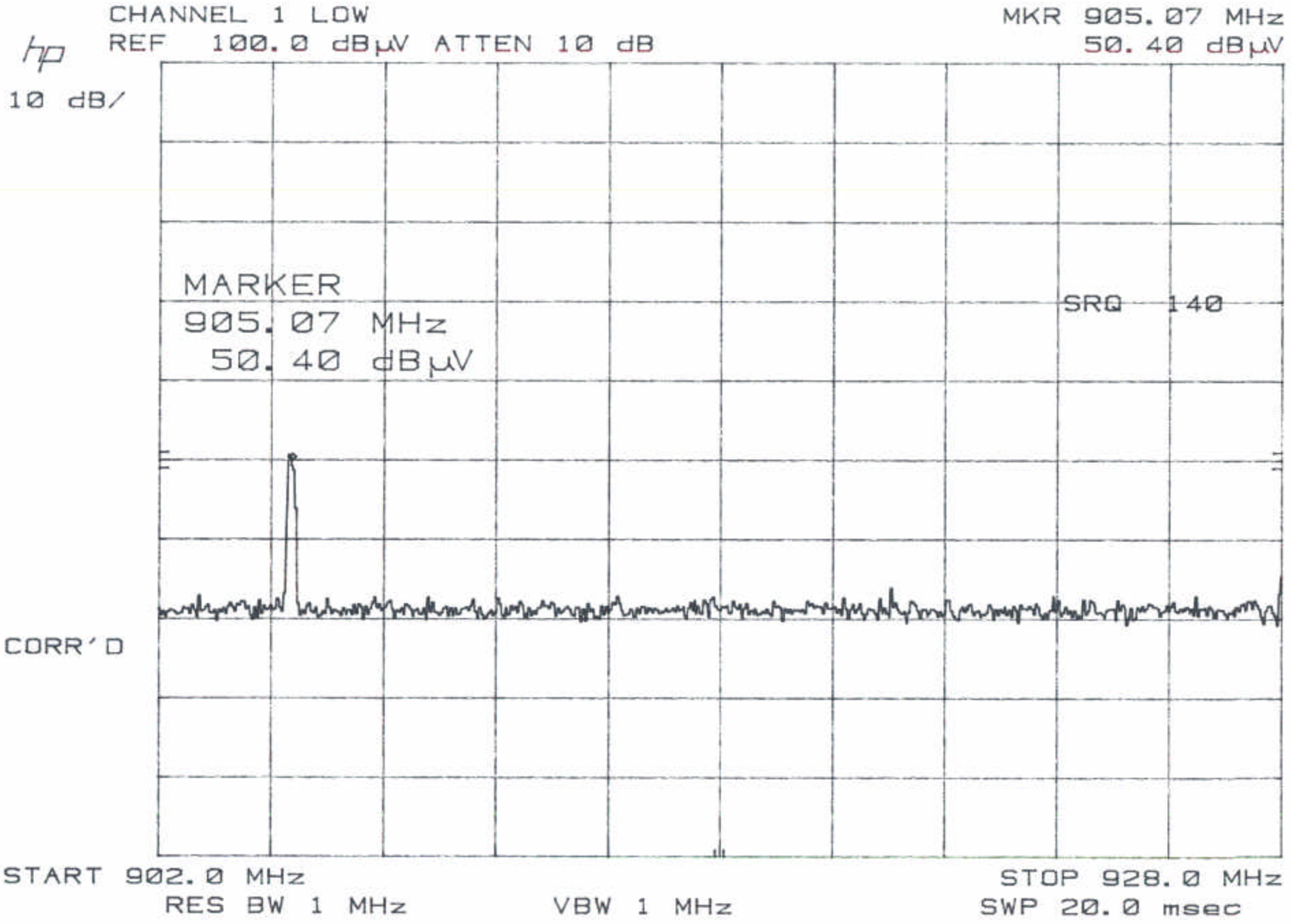
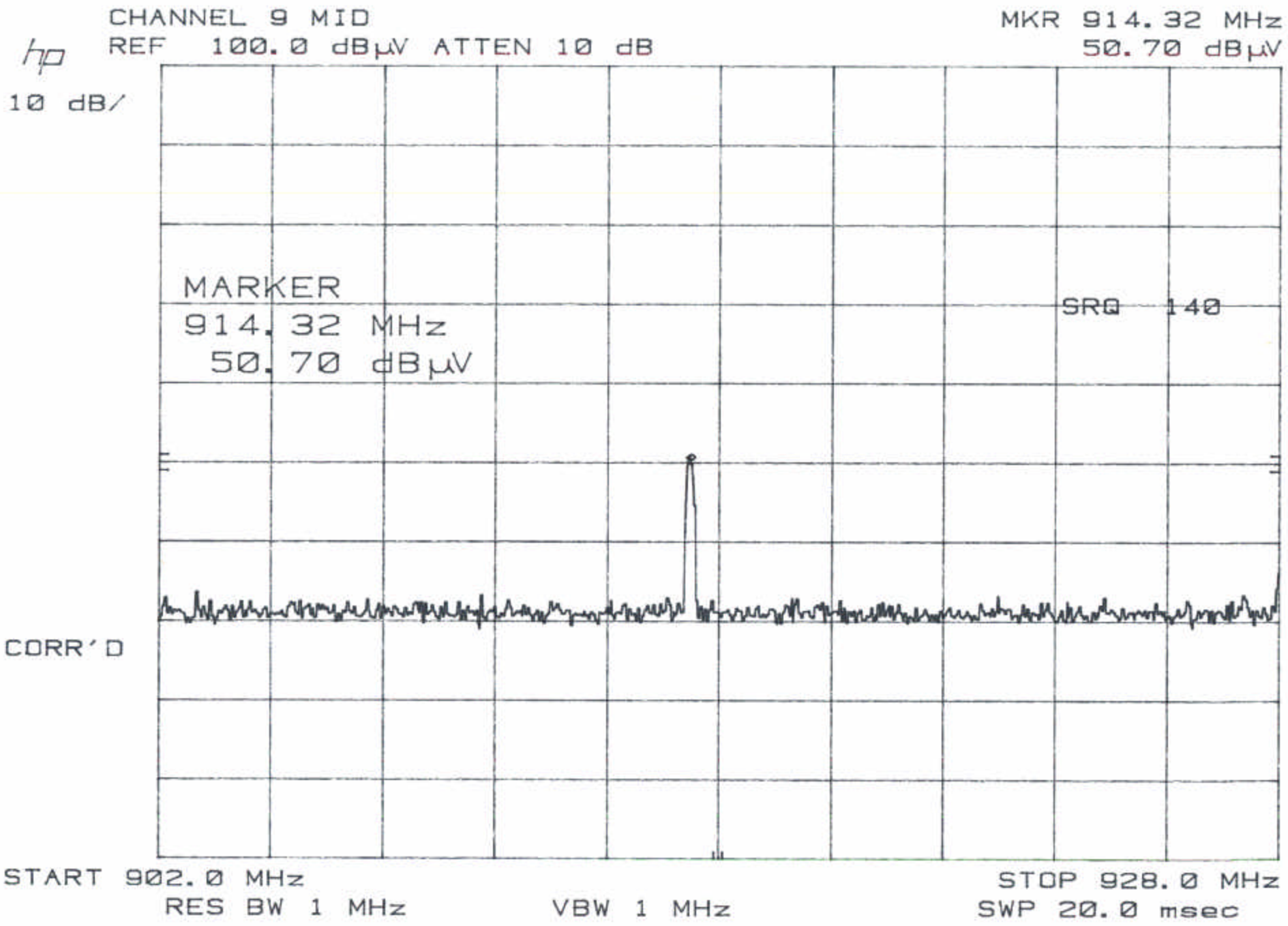
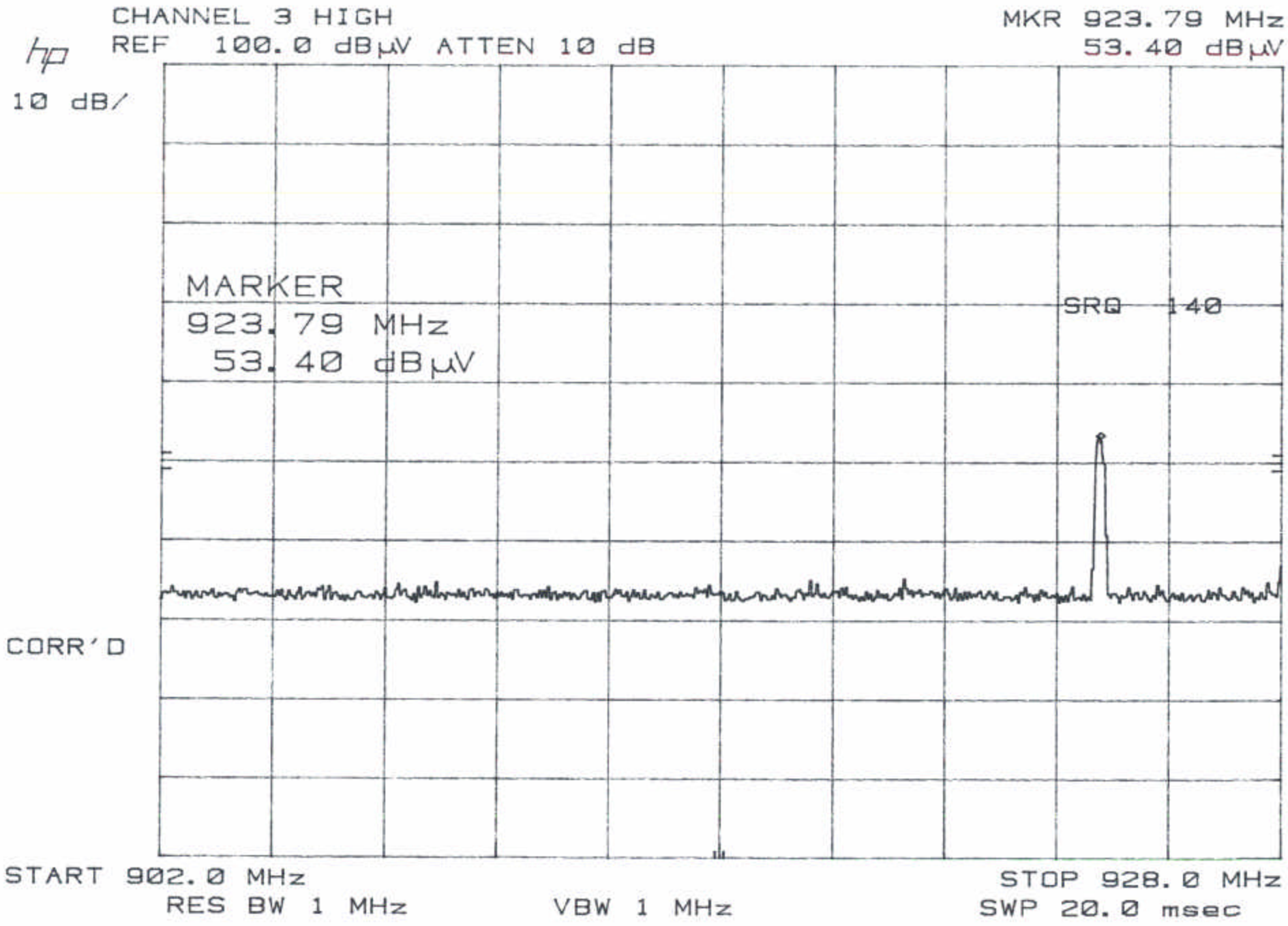

CHANNEL 1 LOW
REF 100.0 dBµV ATTEN 10 dB
MKR 905.07 MHz
50.40 dBµV
10 dB/
MARKER
905.07 MHz
50.40 dBµV
SRQ 140
CORR'D
START 902.0 MHz
RES BW 1 MHz
VBW 1 MHz
STOP 928.0 MHz
SWP 20.0 msec


CHANNEL 9 MID
REF 100.0 dBµV ATTEN 10 dB
MKR 914.32 MHz
50.70 dBµV
10 dB/
MARKER
914.32 MHz
50.70 dBµV
SRQ 140
CORR'D
START 902.0 MHz
STOP 928.0 MHz
RES BW 1 MHz
VBW 1 MHz
SWP 20.0 msec


CHANNEL 3 HIGH
REF 100.0 dBµV ATTEN 10 dB
MKR 923.79 MHz
53.40 dBµV
10 dB/
MARKER
923.79 MHz
53.40 dBµV
SRQ 140
CORR'D
START 902.0 MHz
RES BW 1 MHz
VBW 1 MHz
STOP 928.0 MHz
SWP 20.0 msec

COMPATIBLE ELECTRONICS

9/17/2003 14:30:43

FCC Conducted Emissions
Cardio Theater
Transmitter module
xTV-9T
Line 110V
Lab F Line Due 10-19-03
TEST ENGINEER : A. KHAN

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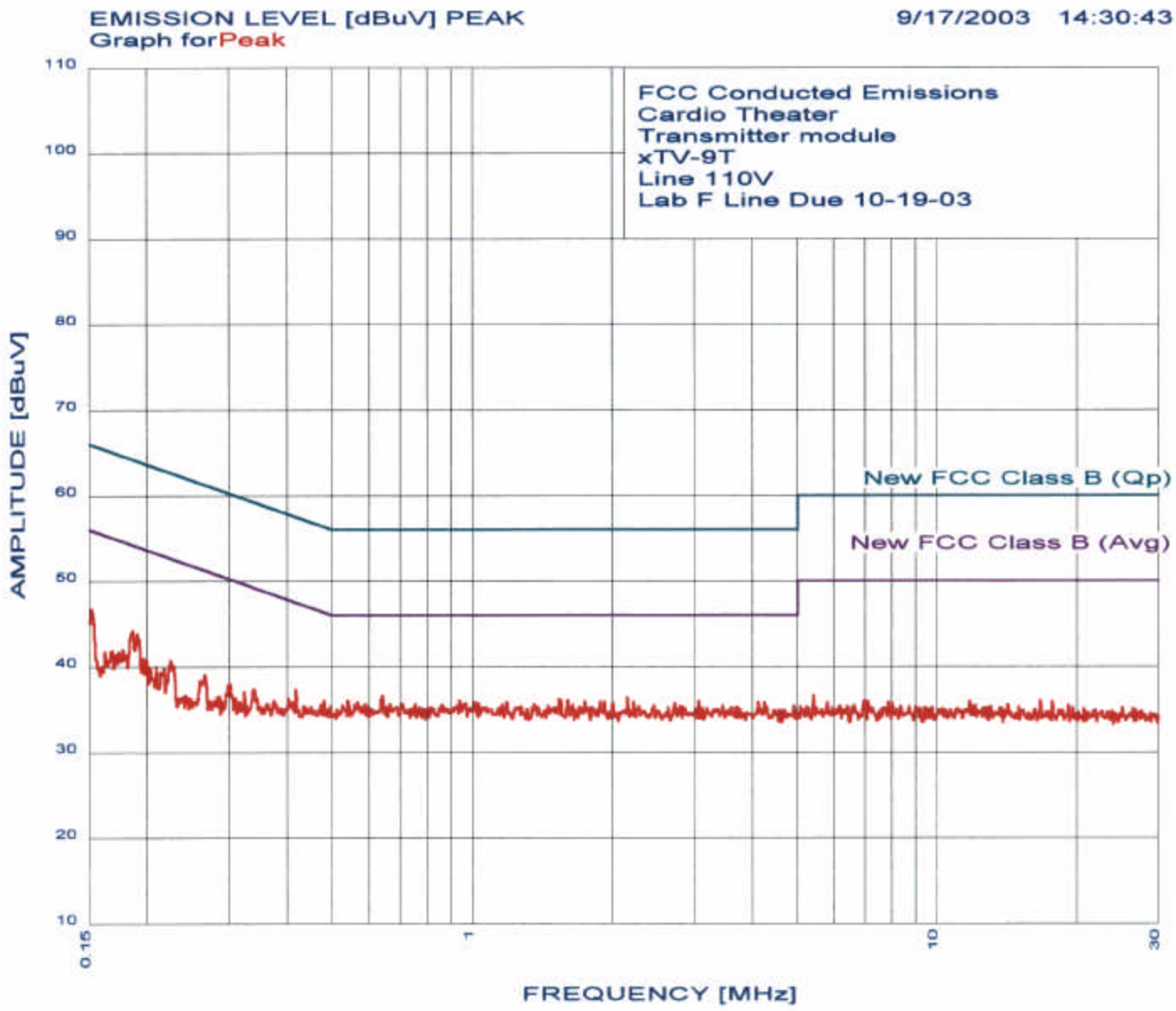
7 highest peaks above -50.00 dB of New FCC Class B (Avg) limit line
Peak criteria : 3.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV	Limit(dB)	Delta(dB)
1	0.186	44.19	54.19	-10.01
2	0.150	45.37	56.00	-10.63
3	0.339	37.29	49.22	-11.93
4	0.224	40.70	52.65	-11.96
5	0.266	39.00	51.24	-12.25
6	0.302	37.89	50.19	-12.29
7	5.420	36.61	50.00	-13.39



COMPATIBLE ELECTRONICS

COMPATIBLE ELECTRONICS

9/17/2003 14:35:20

FCC Conducted Emissions
Cardio Theater
Transmitter module
xTV-9T
Neutral 110V
Lab F Neut. Due 10-19-03
TEST ENGINEER : A. KHAN

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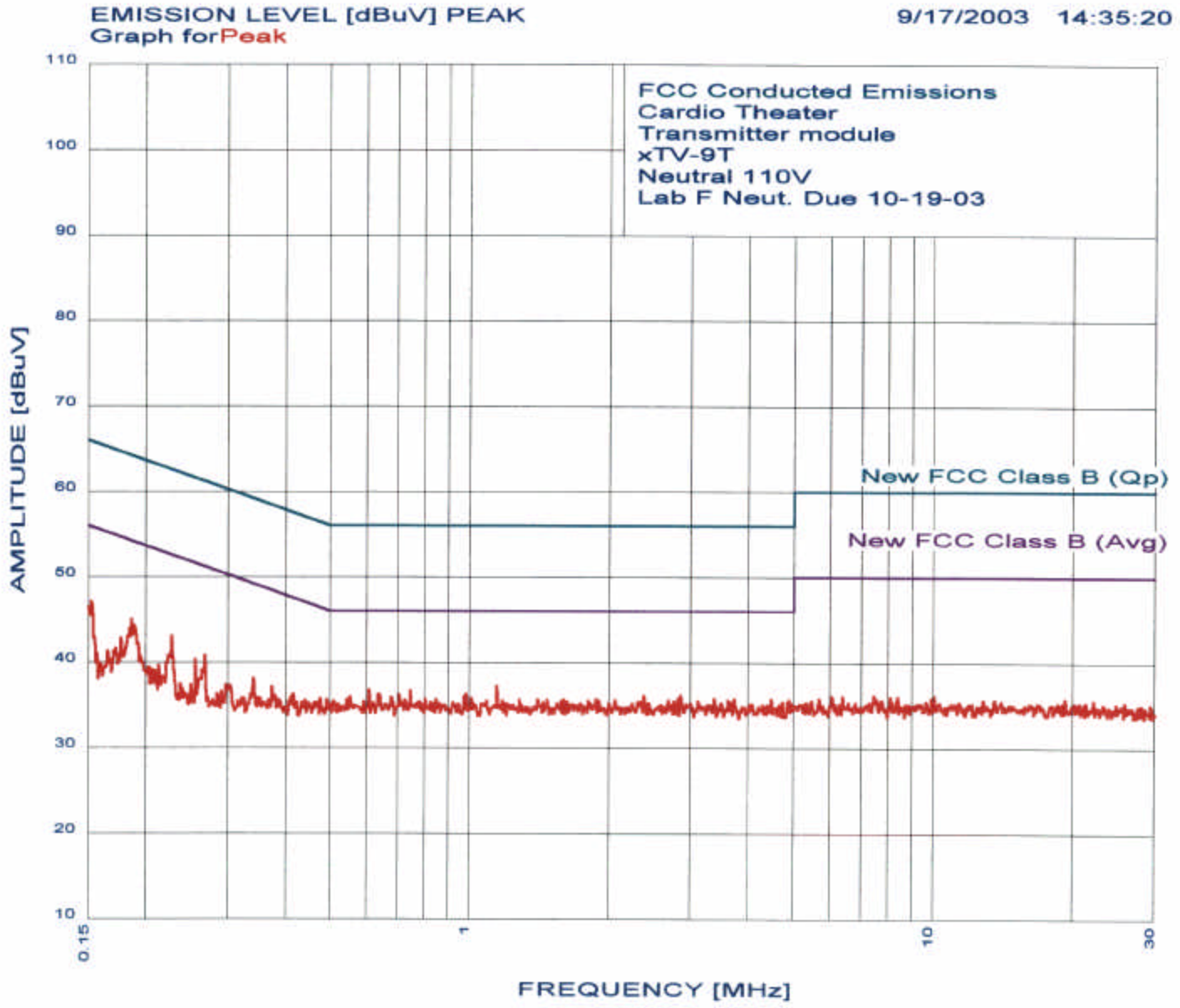
7 highest peaks above -50.00 dB of New FCC Class B (Avg) limit line
Peak criteria : 3.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV	Limit(dB)	Delta(dB)
1	1.148	37.19	46.00	-8.81
2	0.186	45.00	54.19	-9.20
3	0.608	36.72	46.00	-9.28
4	0.227	43.01	52.57	-9.56
5	0.150	46.44	56.00	-9.56
6	0.267	40.71	51.20	-10.49
7	0.341	38.11	49.18	-11.07



COMPATIBLE ELECTRONICS