

APPLICATION FOR CERTIFICATION
On Behalf of
Shenzhen Action Electronics Co., Ltd.

2.4GHz A/V TRANSMITTER

Model Number: XTB-102

Prepared for : Shenzhen Action Electronics Co., Ltd.
Second Ind. District of Zhonghe Baishizhou, Shahe,
Shenzhen, China

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
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Report Number : ACS-F02143
Date of Test : Aug. 25 ~ Sep. 03 2002
Date of Report : Sep. 04, 2002

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TEST REPORT DECLARATION

Applicant : Shenzhen Action Electronics Co., Ltd.
 Manufacturer : Shenzhen Action Electronics Co., Ltd.
 Co-Manufacturer : Shanghai Far Year Technology Co., Ltd.
 EUT Description : 2.4GHz A/V TRANSMITTER
 (A) MODEL NO : XTB-102
 (B) SERIAL NO : F2002090401
 (C) Power Supply : AC Adaptor Input 120V/60Hz DC 6.3V

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C May, 2002.

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits for radiated and conducted emissions. The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of tests. Also, this report shows that EUT is technically compliant with FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.

Date of Test : Aug. 25 ~ Sep.03, 2002

Jane Dai
Jane Dai / Assistant

Prepared by :

Lake Wang
Lake Wang / Supervisor

Reviewer :

For and on behalf of
AUDIX TECHNOLOGY (SHENZHEN) CO.,LTD.
Alex Deng
Alex Deng Authorized Signer(s)

Approved & Authorized Signer :

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : 2.4GHz A/V TRANSMITTER
This report is about transmitter FCC ID and the receiver FCC DOC report please refer to AUDIX Number ACS-F02139.

Model Number : XTB-102

Applicant : Shenzhen Action Electronics Co., Ltd.
Second Ind. District of Zhonghe Baishizhou, Shahe, Shenzhen, China

Manufacturer : Shenzhen Action Electronics Co., Ltd.
Second Ind. District of Zhonghe Baishizhou, Shahe, Shenzhen, China

Co-Manufacturer : Shanghai Far Year Technology Co., Ltd.
No.950, South Hui Cheng Road, Jia Ding, Shanghai 201821, China

Date of Test : Aug. 25 ~ Sep. 03, 2002

1.2. Test Facility

Site Description

3m Anechoic Chamber : Certificated by FCC, USA
Aug. 24, 2000

3m & 10m Open Site : Certificated by FCC, USA
Jan. 29, 2001

Certificated by VCCI, Japan
Jan.01, 2002

EMC Lab. : Certificated by DATech, German
Feb. 02, 1999

Certificated by NVLAP, USA
NVLAP Code: 200372-0
Mar. 31, 2003

Certificated by Nemko, Norway
Dec. 18, 2000

Certificated by DNV, Norway
May 26, 1999

Name of Firm : Audix Technology (Shenzhen) Co., Ltd.

Site Location : No. 6, Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

1.3. Test Uncertainty

Conducted Emission Uncertainty = ±2.66dB

Radiated Emission Uncertainty = ±4.26dB

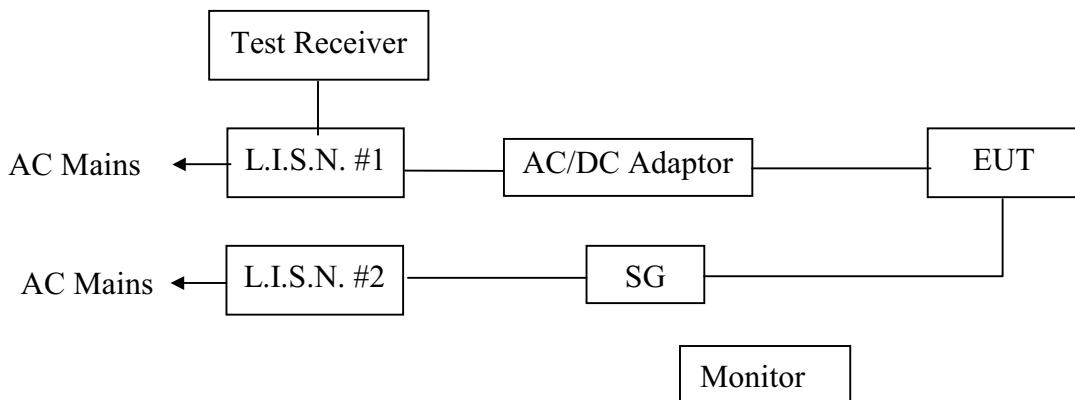
2. POWER LINE CONDUCTED EMISSION TEST

2.1. Test Equipment

The following test equipments are used during the power line conducted emission test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS10	838693/001	Jun. 02, 02	1 Year
2.	L.I.S.N. #1	Kyoritsu	KNW-407	8-541-4	Jun. 02, 02	1 Year
3.	L.I.S.N. #2	R&S	ESH2-Z5	834066/011	Jun. 02, 02	1 Year
4.	Terminator	EMCO	50Ω	No. 1	Jun. 02, 02	1 Year
5.	Terminator	EMCO	50Ω	No. 2	Jun. 02, 02	1 Year
6.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	Aug. 23, 02	1/2 Year
7.	Coaxial Switch	Anritsu	MP59B	M73989	May. 31,02	1/2 Year
8	PC	N/A	586ATXS	N/A	N/A	N/A
9	Printer	HP	Laserjet2100	SGGJ092351	N/A	N/A

2.2. Block Diagram of Test Setup



(EUT: 2.4GHz A/V TRANSMITTER)

2.3. Power Line Conducted Emission Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(µV)	Average Level dB(µV)
150KHz ~ 500KHz	66 ~ 56*	56 ~ 46*
500KHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

2.4. EUT Configuration on Test

The following equipments are installed on RF LINE VOLTAGE Test to meet the Commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

2.4.1. 2.4GHz A/V TRANSMITTER (EUT)

Model Number	:	XTB-102
Serial Number	:	F2002090401
Manufacturer	:	Shenzhen Action Electronics Co., Ltd.

2.5. Operating Condition of EUT

- 2.5.1. Setup the EUT and simulator as shown on Section 2.2.
- 2.5.2. Turn on the power of all equipment.
- 2.5.3. Let the EUT work in test mode (Play with Standard AV Signal CH1/CH2/CH4) and measure it.

2.6. Test Procedure

The EUT is put on the table which is 0.8m above the ground and away from other metallic surface at least 0.4m. The EUT is connected to the AC/DC Adapter. The AC/DC Adapter power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm coupling impedance for the testing equipment; and the peripheral equipment powers form other L.I.S.N.. Please refer to the block diagram of the test setup and photographs. Both sides of AC line(Line & Neutral) are checked for maximum conducted interference. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables must be changed according to ANSI / IEEE Standard 213-1987 on Conducted Emission Test.

The bandwidth of the field strength meter (R & S Test Receiver ESHS20) is set at 10KHz.

The frequency range from 150KHz to 30MHz is checked.

The details of test modes are as the followings, and the test data please see APPENDIX I.

2.7. Power Line Conducted Emission Test Results

PASS.

The frequency range from 150KHz to 30 MHz is investigated.

All emissions not reported below are too low against the prescribed limits.

Date of Test :	Sep.03, 2002	Temperature :	25°C
EUT :	2.4GHz A/V TRANSMITTER	Humidity :	56%
Model No. :	XTB-102	Test Mode :	Play With Standard AV Signal CH4
Test Engineer:	Edwarehu		

Frequency (MHz)	Reading (dB μ V)				Limit (dB μ V)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.168	*	*	29.30	23.47	65.03	55.03
0.169	28.44	22.58	*	*	65.03	55.03
0.213	24.23	20.11	25.01	20.59	63.10	53.10
3.547	26.06	24.59	26.00	23.77	56.00	46.00
13.408	19.75	17.56	18.70	15.90	60.00	50.00
22.655	21.430	18.59	20.95	17.74	60.00	50.00
8.591	*	*	22.40	18.41	60.00	50.00
8.592	21.32	17.65	*	*	60.00	50.00

"*" As the QP value is too low against AV limit, So AV Value had been omitted.

Reviewer : Labe Wang

3. RADIATED EMISSION TEST

3.1. Test Equipment

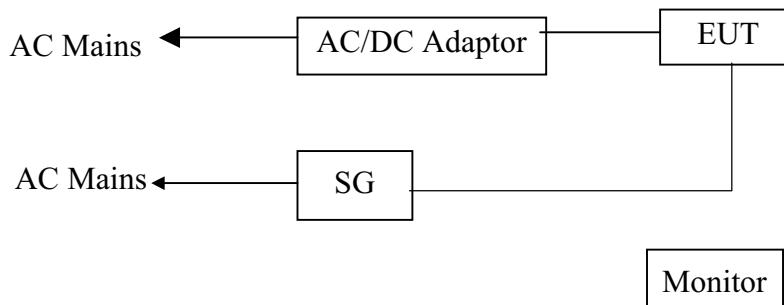
The following test equipments are used during the radiated emission Test :

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Spectrum	HP	85422E	3625A00181	Jun. 02, 02	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	Jun. 02, 02	1 Year
3.	Amplifier	HP	8447D	2944A07794	Mar. 21, 02	1/2 Year
4.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan. 15, 02	1 Year
5.	PC	N/A	586ATX3	N/A	N/A	N/A
6.	Printer	HP	Laserjet6P	SGCF019673	N/A	N/A
7.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Aug.04, 02	1/2 Year
8.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Aug.04, 02	1/2 Year
9.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Aug.04, 02	1/2 Year
10.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Aug.04, 02	1/2 Year
11.	Coaxial Switch	Anritsu	MP59B	M50564	Jun. 03, 02	1/2 Year

3.2. Block Diagram of Test Setup

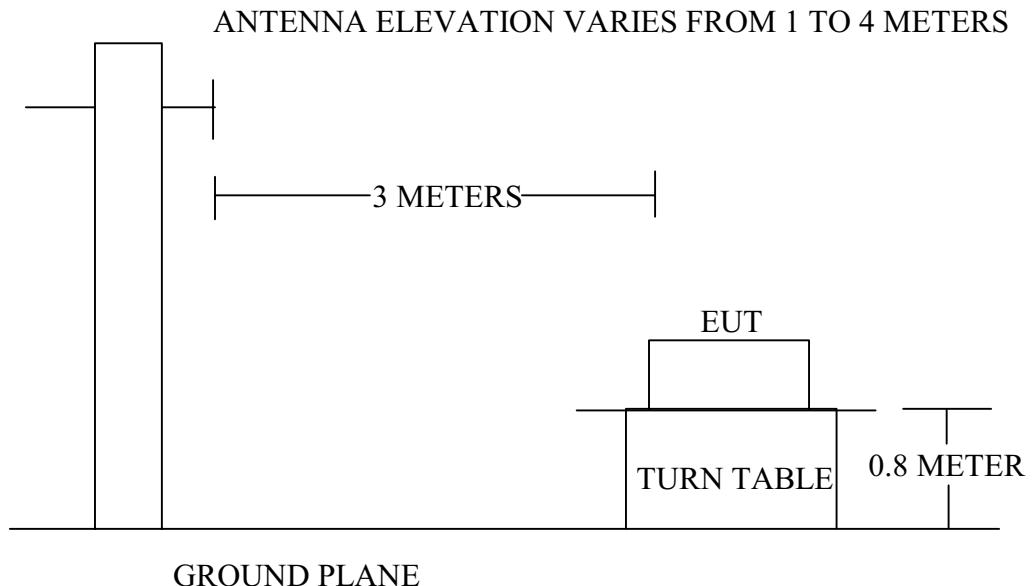
3.2.1. Block Diagram of connection between EUT and simulators



(EUT: 2.4GHz A/V TRANSMITTER)

3.2.2. Anechoic Chamber Setup Diagram

ANTENNA TOWER



3.3. Radiated Emission Limit (Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0

- Remark :
- (1) Emission level $\text{dB}\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$
 - (2) The smaller limit shall apply at the cross point between two frequency bands.
 - (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.4. EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

3.4.1. 2.4GHz A/V TRANSMITTER (EUT)

Model Number	:	XTB-102
Serial Number	:	F2002090401
Manufacturer	:	Shenzhen Action Electronics Co., Ltd.

3.5. Operating Condition of EUT

- 3.5.1. Setup the EUT as shown in Section 3.2..
- 3.5.2. Let the EUT work in test modes (Play With Standard AV Signal CH1/CH2/CH4) and test it.

3.6. Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-1992 on radiated emission Test.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120KHz.

The frequency range from 30MHz to 1000MHz is checked.

The test modes (Play with Standard AV Signal Channel 4CH) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix II.

3.7. Radiated Emission Test Results

PASS.

The frequency range from 30MHz to 1000MHz is investigated.
Please see the following pages.

Date of Test :	Aug. 26, 2002	Temperature :	24°C
EUT :	2.4GHz A/V TRANSMITTER	Humidity :	56%
Model No. :	XTB-102	Test Mode :	Play With Standard AV Signal Channel: 4CH
Test Engineer:	Edwarehu		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m
122.150	12.31	2.16	10.39	24.86	-18.64	43.50
162.890	11.53	2.63	16.26	30.42	-13.08	43.50
217.210	9.91	3.12	17.00	30.03	-15.97	46.00
256.980	13.09	3.44	13.74	30.27	-15.73	46.00
402.480	16.14	4.57	11.04	31.75	-14.25	46.00
458.740	16.99	5.28	10.98	33.25	-12.75	46.00

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 458.740 with corrected signal level of 33.25dB μ V/m(Limit is 46.00 dB μ V/m) when the antenna was at horizontal polarization and at 2.0m high and the turn table was at 315 °.
4. 0 °was the table front facing the antenna. Degree is calculated from 0 °clockwise facing the antenna.

Reviewer : Lebe Wang

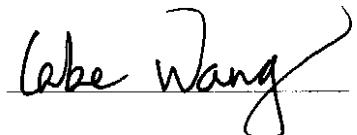
Date of Test :	Aug.26, 2002	Temperature :	24°C
EUT :	2.4GHz A/V TRANSMITTER	Humidity :	56%
Model No. :	XTB-102	Test Mode :	Play With Standard AV Signal Channel: 4CH
Test Engineer:	Edwarehu		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m
108.570	9.49	2.09	19.91	31.48	-12.02	43.50
136.700	11.30	2.37	16.71	30.38	-13.12	43.50
161.920	8.69	2.63	19.70	31.02	-12.48	43.50
202.660	8.90	3.01	19.43	31.34	-12.16	43.50
247.280	11.76	3.37	17.88	33.01	-12.99	46.00
403.450	15.57	4.58	11.69	31.84	-14.16	46.00

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 108.570MHz with corrected signal level of 31.48dB μ V/m(Limit is 43.50 dB μ V/m) when the antenna was at horizontal polarization and at 1.02m high and the turn table was at 100 °.
4. 0 °was the table front facing the antenna. Degree is calculated from 0 °clockwise facing the antenna.

Reviewer :



Date of Test : Aug. 25, 2002 Temperature : 24°C
 EUT : 2.4GHz A/V TRANSMITTER Humidity : 56%
 Model No. : XTB-102 Test Mode : Play With Standard AV Signal
 Channel: 1CH

Test Engineer: Edwarehu

Frequency MHz	Antenna Factor dB/m	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2410.150	-1.65	78.39	76.74	-17.26	94.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2410.149	-1.65	85.63	83.98	-30.02	114.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2403.840	-1.67	52.96	51.29	-2.71	54.00	Average
2416.394	-1.63	53.57	51.94	-2.06	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2403.840	-1.67	60.35	58.68	-15.32	74.00	Peak
2416.390	-1.63	62.58	60.95	-13.05	74.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Reviewer : labe Wang

Date of Test : Aug. 25, 2002 Temperature : 24°C
 EUT : 2.4GHz A/V TRANSMITTER Humidity : 56%
 Model No. : XTB-102 Test Mode : Play With Standard AV Signal
 Channel: 1CH

Test Engineer: Edwarehu

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2410.140	-1.65	82.36	80.71	-13.29	94.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2410.141	-1.65	90.56	88.91	-25.09	114.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2403.835	-1.67	52.56	50.89	-3.11	54.00	Average
2416.523	-1.63	51.34	49.71	-4.29	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2403.824	-1.67	60.95	59.28	-14.72	74.00	Peak
2416.390	-1.63	60.35	58.72	-15.28	74.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Reviewer: Labe Wang

Date of Test :	Aug. 25, 2002	Temperature :	24°C
EUT :	2.4GHz A/V TRANSMITTER	Humidity :	56%
Model No. :	XTB-102	Test Mode :	Play With Standard AV Signal Channel: 1CH
Test Engineer:	Edwarehu		

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
					dB/m	dBµV/m
MHz						
4820.318	5.19	45.63	50.82	-3.18	54.00	Average
7230.475	9.03	41.21	50.24	-3.76	54.00	Average

Remark: 1. All readings are Average values.

2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna	Meter Reading	Emission Level	Over Limits	Limits	Remark
	Factor	Horizontal	Horizontal			
MHz	dB/m	dBµV	dBµV/m	dB	dBµV/m	
4820.318	5.19	53.69	58.88	-15.12	74.00	Peak
7230.475	9.03	48.32	57.35	-16.65	74.00	Peak

Remark: 1. All readings are Peak values.

2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits	Remark
MHz	dB/m	dBµV	dBµV/m	dB	dBµV/m	
4820.314	5.19	43.68	48.87	-5.13	54.00	Average
7230.470	9.03	42.32	51.35	-2.65	54.00	Average

Remark: 1. All readings are Average values.

2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor	Meter Reading	Emission Level	Over Limits	Limits	Remark
		Vertical dBµV	Vertical dBµV/m	dB	dBµV/m	
4820.314	5.19	51.94	57.13	-16.87	74.00	Peak
7230.476	9.03	50.88	59.91	-14.09	74.00	Peak

Remark: 1. All readings are Peak values.

2. Emission Level = Antenna Factor + Meter Reading

Reviewer : Lake Wang

Date of Test :	Aug. 25, 2002	Temperature :	24°C
EUT :	2.4GHz A/V TRANSMITTER	Humidity :	56%
Model No. :	XTB-102	Test Mode :	Play With Standard AV Signal Channel: 2CH
Test Engineer:	Edwarehu		

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
2430.149	-1.60	80.96	79.36	-14.64	94.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
2430.149	-1.60	87.64	86.04	-27.96	114.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
2423.880	-1.61	50.67	49.06	-4.94	54.00	Average
2436.431	-1.58	49.95	48.37	-5.63	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
2423.881	-1.61	60.61	59.00	-15.00	74.00	Peak
2436.430	-1.58	55.33	53.75	-20.25	74.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Reviewer : labe Wang

Date of Test : Aug. 25, 2002 Temperature : 24°C
 EUT : 2.4GHz A/V TRANSMITTER Humidity : 56%
 Model No. : XTB-102 Test Mode : Play With Standard AV Signal
 Channel: 2CH

Test Engineer: Edwarehu

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2430.149	-1.60	77.20	75.60	-18.40	94.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2430.149	-1.60	84.32	82.72	-31.28	114.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2423.881	-1.61	52.36	50.75	-3.25	54.00	Average
2436.431	-1.58	52.65	51.07	-2.93	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2423.881	-1.61	61.58	59.97	-14.03	74.00	Peak
2436.431	-1.58	64.00	62.42	-11.58	74.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Reviewer : labe Wang

Date of Test : Aug. 25, 2002 Temperature : 24°C
 EUT : 2.4GHz A/V TRANSMITTER Humidity : 56%
 Model No. : XTB-102 Test Mode : Play With Standard AV Signal
 Channel: 2CH
 Test Engineer: Edwarehu

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
4860.339	5.28	44.01	49.29	-4.71	54.00	Average
7290.492	9.25	37.85	47.10	-6.90	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
4860.340	5.28	52.39	57.67	-16.33	74.00	Peak
7290.491	9.25	45.94	55.19	-18.81	74.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
4860.341	5.28	45.32	50.60	-3.40	54.00	Average
7290.490	9.25	38.97	48.22	-5.78	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
4860.340	5.28	52.94	58.22	-15.78	74.00	Peak
7290.490	9.25	45.40	54.65	-19.35	74.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Reviewer: Cabe Wang

Date of Test :	Aug. 25, 2002	Temperature :	24°C
EUT :	2.4GHz A/V TRANSMITTER	Humidity :	56%
Model No. :	XTB-102	Test Mode :	Play With Standard AV Signal CH4
Test Engineer:	Edwarehu		

Frequency MHz	Antenna Factor dB/m	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2470.155	-1.51	79.37	77.86	-16.14	94.00	Average

Remark: 1. All readings are Average values.
2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2470.155	-1.51	85.56	84.05	-29.95	114.00	Peak

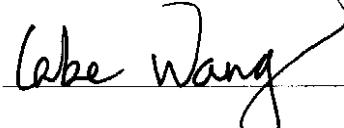
Remark: 1. All readings are Peak values.
2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2463.864	-1.51	50.33	48.82	-5.18	54.00	Average
2476.426	-1.50	52.29	50.79	-3.21	54.00	Average

Remark: 1. All readings are Average values.
2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Horizontal dB μ V	Emission Level Horizontal dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2463.864	-1.51	59.33	57.82	-16.18	74.00	Peak
2476.426	-1.50	60.98	59.48	-14.52	74.00	Peak

Remark: 1. All readings are Peak values.
2. Emission Level = Antenna Factor + Meter Reading

Reviewer : 

Date of Test : Aug. 25, 2002 Temperature : 24°C
 EUT : 2.4GHz A/V TRANSMITTER Humidity : 56%
 Model No. : XTB-102 Test Mode : Play With Standard AV Signal
 CH4

Test Engineer: Edwarehu

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2470.155	-1.51	77.66	76.15	-17.85	94.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2470.155	-1.51	85.70	84.19	-29.81	114.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2463.863	-1.51	51.35	49.84	-4.16	54.00	Average
2476.425	-1.50	50.34	48.84	-5.16	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency MHz	Antenna Factor dB/m	Meter Reading Vertical dB μ V	Emission Level Vertical dB μ V/m	Over Limits dB	Limits dB μ V/m	Remark
2463.862	-1.51	60.32	58.81	-15.19	74.00	Peak
2476.426	-1.50	59.68	58.18	-15.82	74.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Reviewer : labe Wang

Date of Test : Aug. 25, 2002 Temperature : 24°C
 EUT : 2.4GHz A/V TRANSMITTER Humidity : 56%
 Model No. : XTB-102 Test Mode : Play With Standard AV Signal
 CH4
 Test Engineer: Edwarehu

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
4940.320	5.57	44.68	50.25	-3.75	54.00	Average
7410.525	9.80	36.98	46.78	-7.22	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
4940.320	5.57	53.24	58.81	-15.19	74.00	Peak
7410.524	9.80	41.38	51.18	-22.82	74.00	Peak

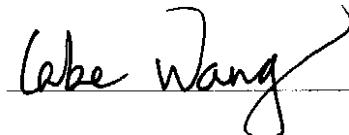
Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
4940.324	5.57	45.31	50.88	-3.12	54.00	Average
7410.534	9.80	37.68	47.48	-6.52	54.00	Average

Remark: 1. All readings are Average values.
 2. Emission Level = Antenna Factor + Meter Reading

Frequency	Antenna Factor	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits	Remark
MHz	dB/m	dB μ V	dB μ V/m	dB	dB μ V/m	
4940.324	5.57	51.35	56.92	-17.08	74.00	Peak
7410.525	9.80	43.69	53.49	-20.51	74.00	Peak

Remark: 1. All readings are Peak values.
 2. Emission Level = Antenna Factor + Meter Reading

Reviewer : 

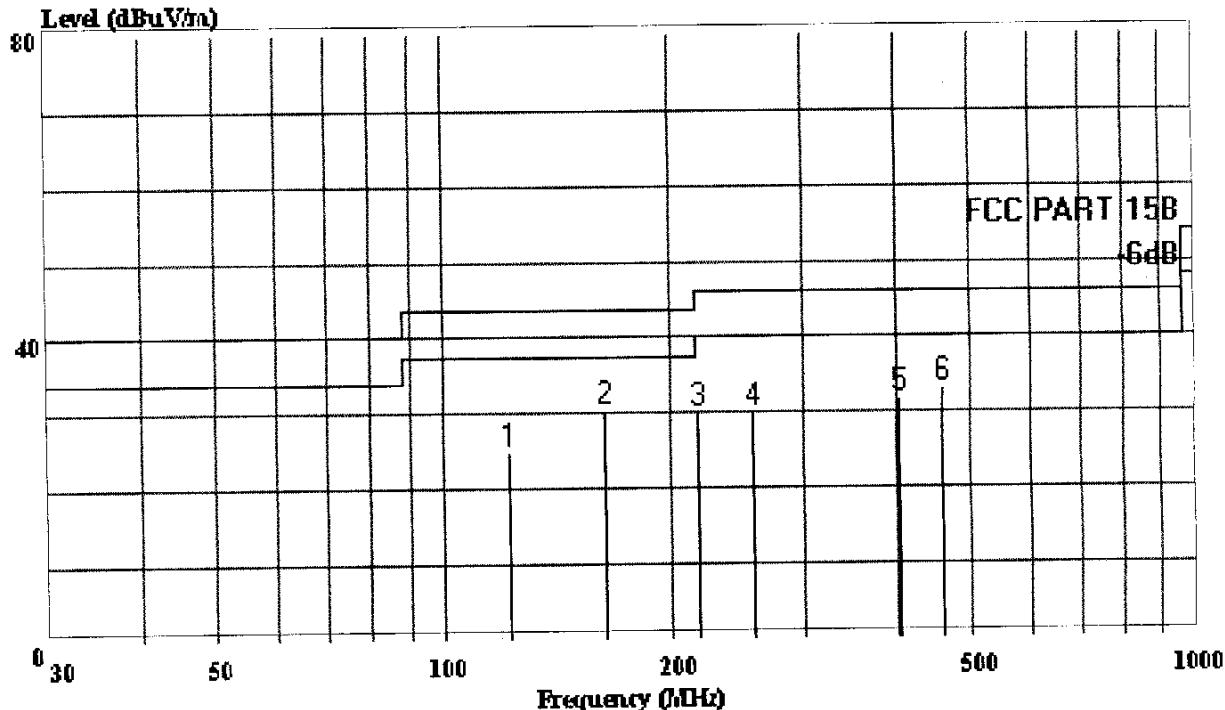


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park
 Tel: 0755-26639495~7
 Fax: 0755-26632877

Data#: 1107 File#: ACTION.emi

Date: 2002-08-26 Time: 11:35:51



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2.598FACTOR HORIZONTAL

FUT: : 2.4GHz A/V TRANSMITTER

M/N: : XTR-102

POWER: : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer: Edwarehu

Memo: : Play With Standard AV Signal

: Channel: 4CH

: H:2.0M

: D:315'

Page: 1

	Freq	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB
1	122.150	24.86	43.50	-18.64	10.39	14.47	12.31
2	162.890	30.42	43.50	-13.08	16.26	14.16	11.53
3	217.210	30.03	46.00	-15.97	17.00	13.03	9.91
4	256.980	30.27	46.00	-15.73	13.74	16.53	13.09
5	402.480	31.75	46.00	-14.25	11.04	20.71	16.14
6	458.740	33.25	46.00	-12.75	10.98	22.27	16.99

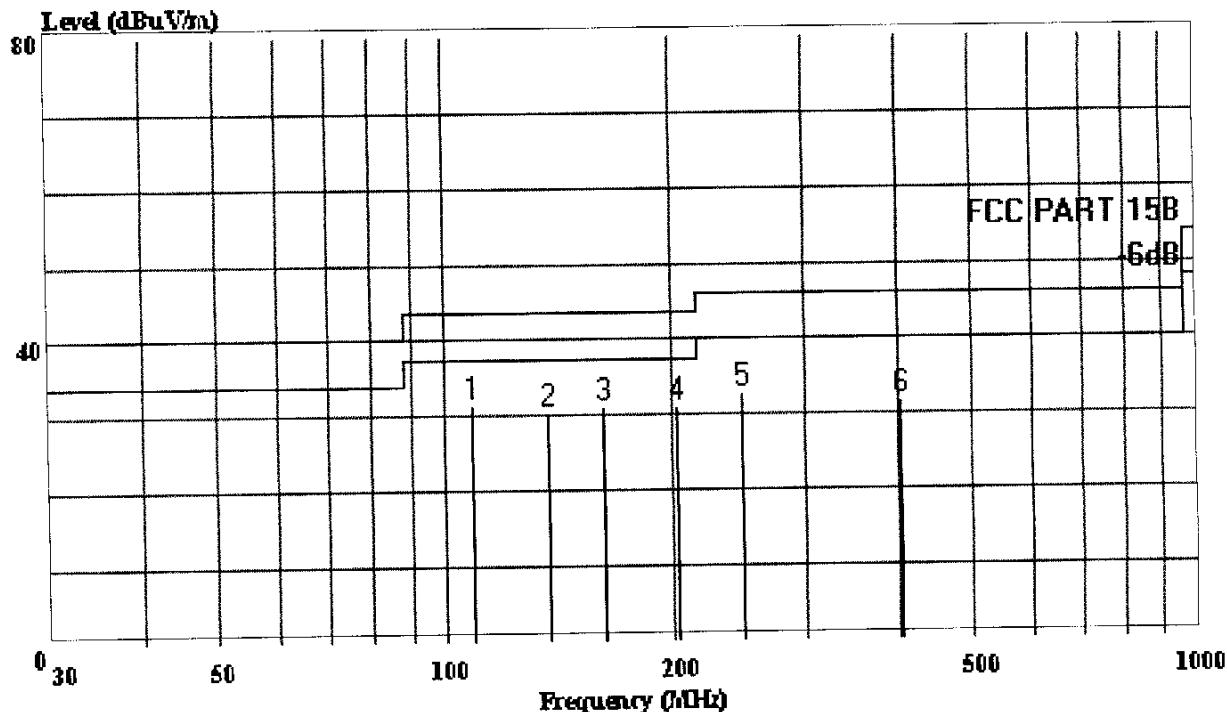


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Shenzhen Science & Ind. Park
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 Fax: 0755-26632877

Data#: 1105 File#: ACTION.emi

Date: 2002-08-26 Time: 11:31:56

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR VERTICAL

EUT: : 2.4GHz A/V TRANSMITTER

M/N: : XTB-102

POWER: : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer: Edwarehu

Memo: : Play With Standard AV Signal

: Channel: 4CH

: H:1.02M

: D:100'

Page: 1

Freq	Limit		Over Line	Read Limit	Probe Level	Factor	Cable Factor	Loss
	Level	Line						
	MHz	dBuV/m			dB	dBuV	dB	dB
1	108.570	31.48	43.50	-12.02	19.91	11.57	9.49	2.09
2	136.700	30.38	43.50	-13.12	16.71	13.67	11.30	2.37
3	161.920	31.02	43.50	-12.48	19.70	11.33	8.69	2.63
4	202.660	31.34	43.50	-12.16	19.43	11.91	8.90	3.01
5	247.280	33.01	46.00	-12.99	17.88	15.13	11.76	3.37
6	403.450	31.84	46.00	-14.16	11.69	20.15	15.57	4.58

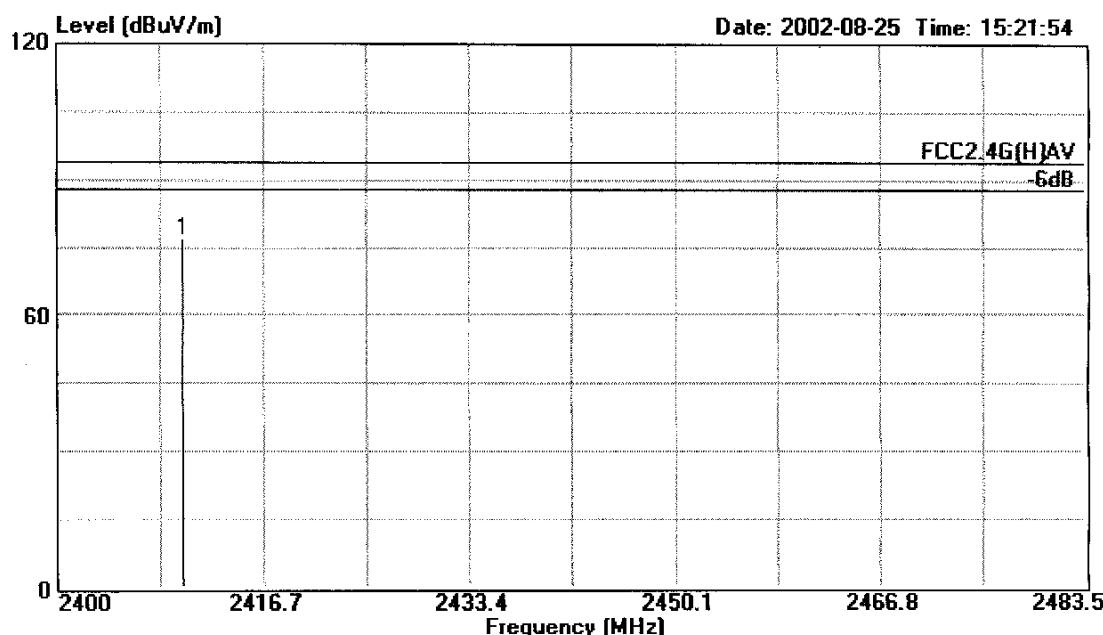


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Data#: 4 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwarehu

Memo : Play With Standard AV Signal

: Channel: 1CH

	Limit	Over	Cable	Read		
Freq	Line	Level	Limit Factor	Loss	Level	Remark

	MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1	2410.150	94.00	76.74	-17.26	-1.65	3.35	78.39 Average

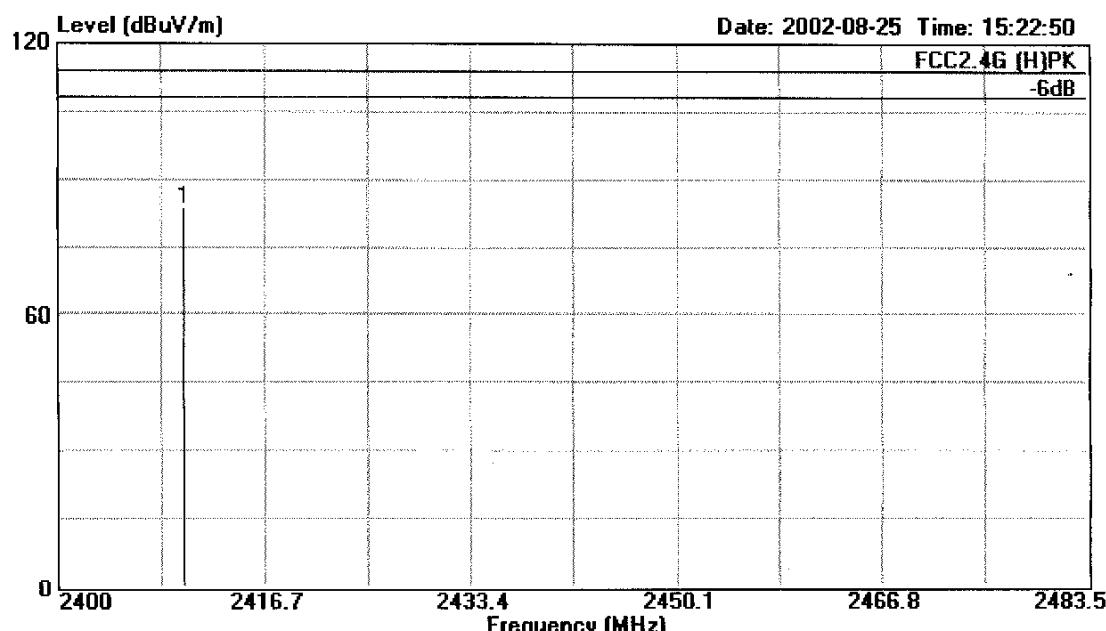


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Data#: 5 File#: C:\EMI TEST DATA\A\Action.EMI



Site	:	1# Chamber				
Condition	:	FCC2.4G (H) PK 3m 3115FACTOR HORIZONTAL				
EUT	:	2.4GHz A/V TRANSMITTER				
M/N	:	XTB-102				
Power	:	AC Adaptor Input 120V/60Hz DC 6.3V				
Test Engineer	:	Edwarehu				
Memo	:	Play With Standard AV Signal				
:	:	Channel: 1CH				
	Limit	Over	Cable	Read		
Freq	Line	Level	Limit Factor	Loss	Level Remark	
MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1	2410.149	114.00	83.98	-30.02	-1.65	3.35 85.63 Peak

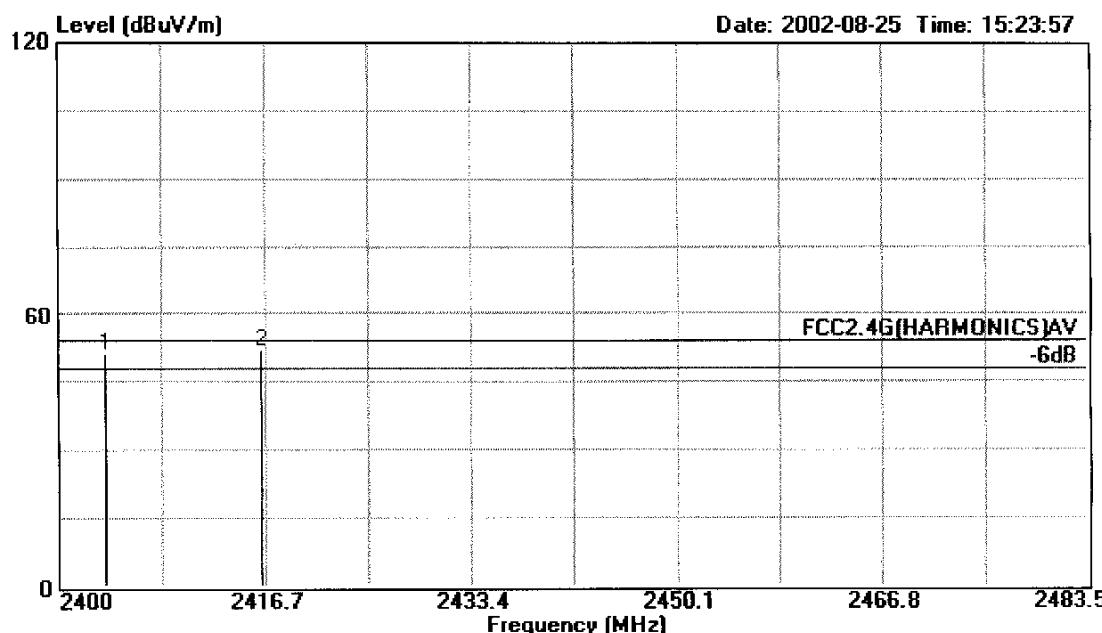


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Data#: 6 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

	Limit	Over	Cable	Read		
Freq	Line	Level	Limit Factor	Loss	Level	Remark
MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1 ! 2403.840	54.00	51.29	-2.71	-1.67	3.34	52.96 Average
2 ! 2416.394	54.00	51.94	-2.06	-1.63	3.35	53.57 Average

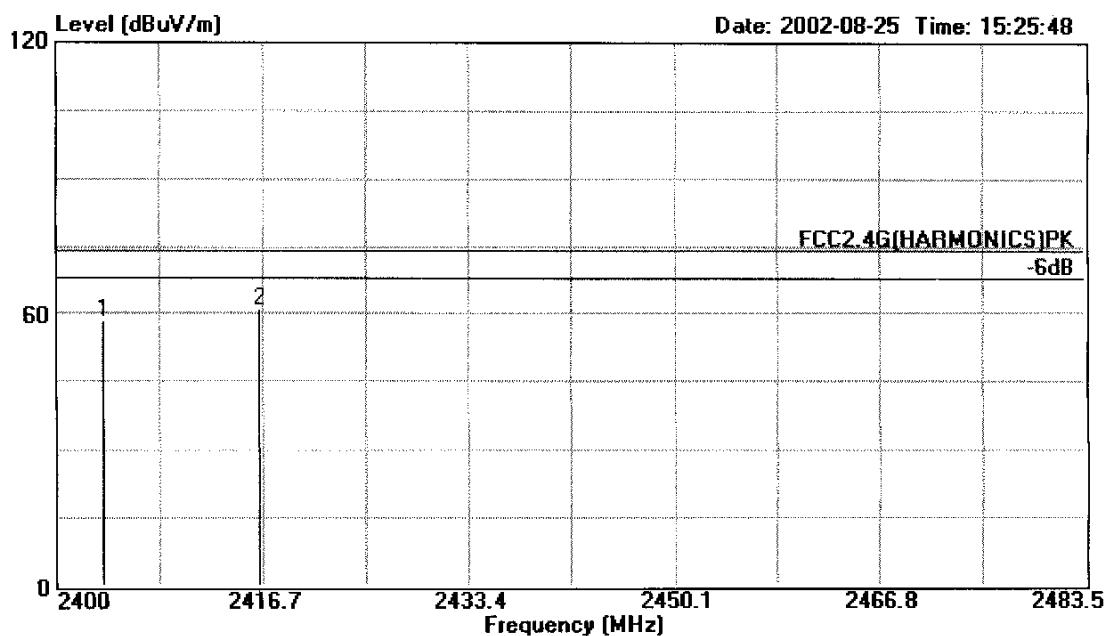


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Data#: 7 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber

Condition : FCC2.4G(HARMONICS)PK 3m 3115FACTOR HORIZONTAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwarehu

Memo : Play With Standard AV Signal

: Channel: 1CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				

	MHz	dBuV/m	dBuV/m		dB	dB	dBuV
1	2403.840	74.00	58.68	-15.32	-1.67	3.34	60.35 Peak
2	2416.390	74.00	60.95	-13.05	-1.63	3.35	62.58 Peak

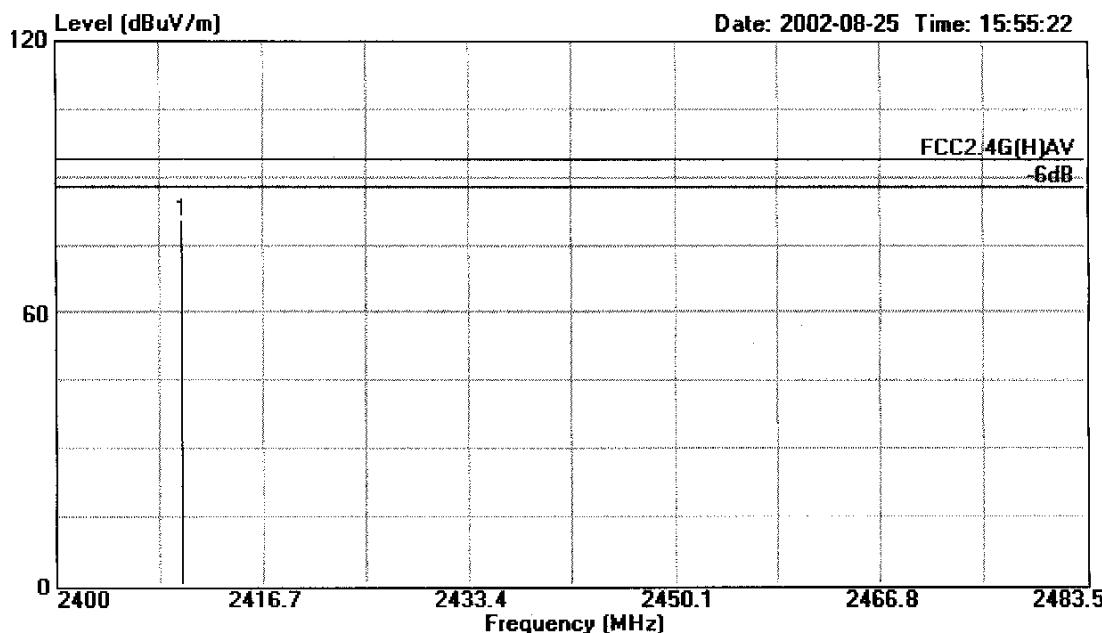


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Data#: 19 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

	Limit	Over	Cable	Read		
Freq	Line	Level	Limit Factor	Loss	Level	Remark

MHz	dB _{BuV/m}	dB _{BuV/m}	dB	dB	dB	dB _{BuV}
1 2410.140	94.00	80.71	-13.29	-1.65	3.35	82.36 Average

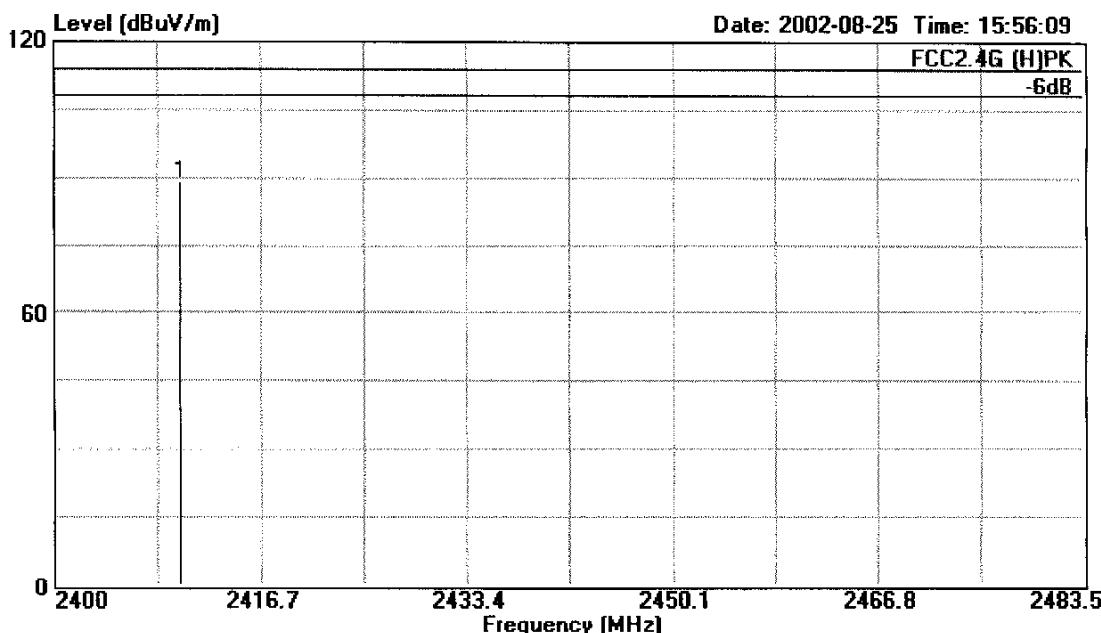


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Data#: 20 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G (H) PK 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

	Limit	Over	Cable	Read			
Freq	Line	Level	Limit Factor	Loss	Level Remark		
MHz	dBuV/m	dBuV/m	dB	dB	dB		
1	2410.141	114.00	88.91	-25.09	-1.65	3.35	90.56 Peak

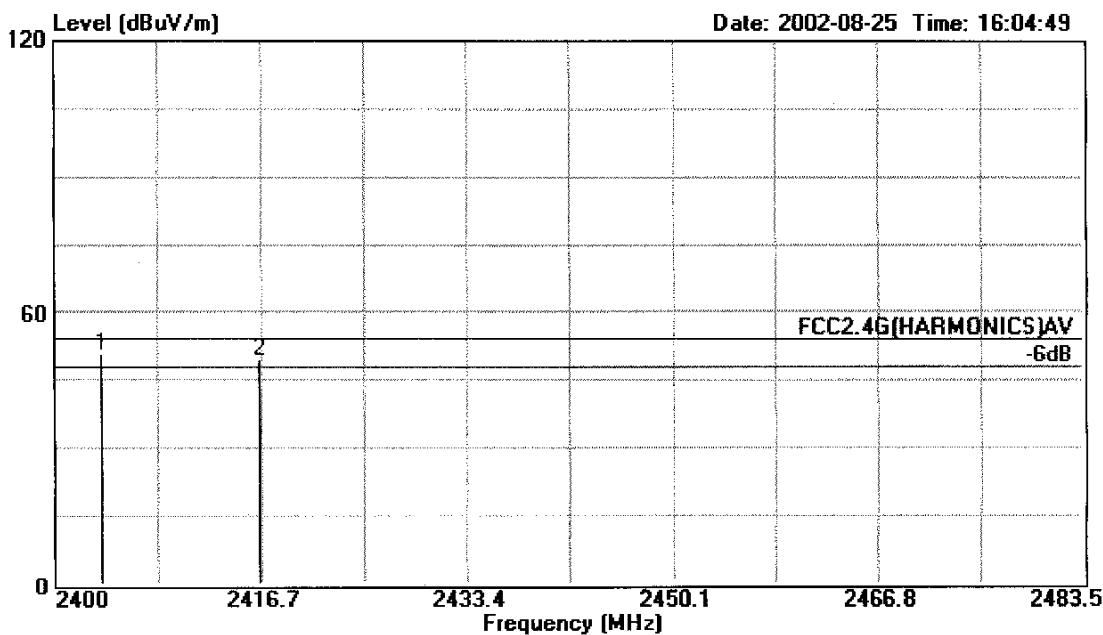


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Data#: 21 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber

Condition : FCC2.4G(HARMONICS)AV 3m 3115FACTOR VERTICAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwarehu

Memo : Play With Standard AV Signal

: Channel: 1CH

Freq	Limit		Over Limit	Cable Factor	Read Loss	Level Remark
	Line	dBuV/m				
1 ! 2403.835	54.00	50.89	-3.11	-1.67	3.34	52.56 Average
2 ! 2416.523	54.00	49.71	-4.29	-1.63	3.35	51.34 Average

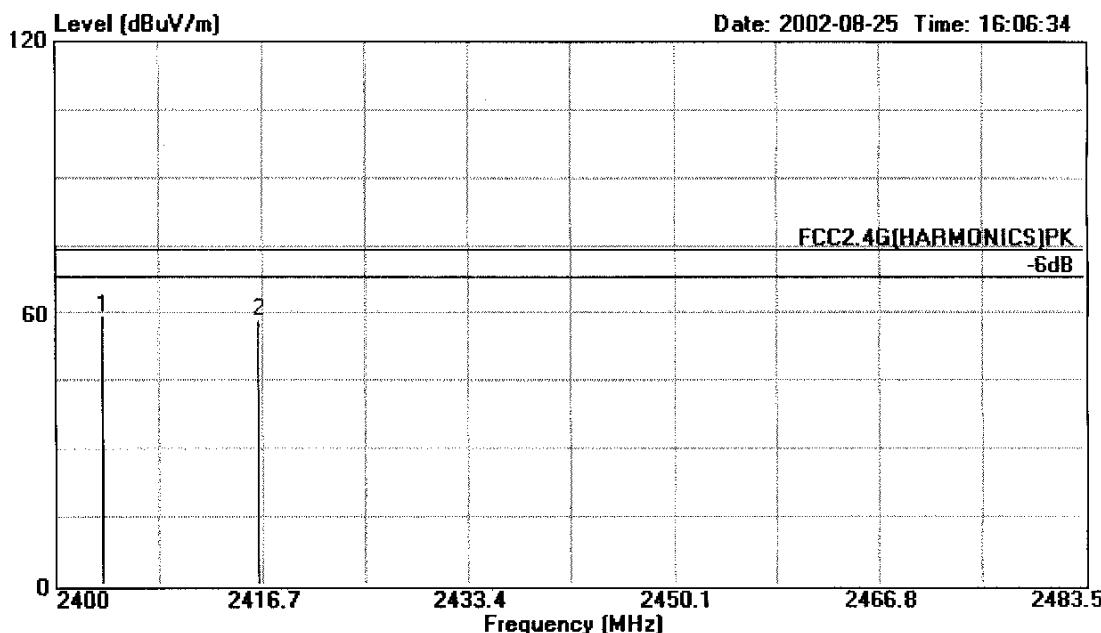


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Data#: 22 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)PK 3m 3115FACTOR VERTICAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwardhu

Memo : Play With Standard AV Signal

: Channel: 1CH

	Limit	Over	Cable	Read		
Freq	Line	Level	Limit Factor	Loss	Level	Remark

	MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
--	-----	--------	--------	----	----	----	------

1	2403.824	74.00	59.28	-14.72	-1.67	3.34	60.95 Peak
2	2416.390	74.00	58.72	-15.28	-1.63	3.35	60.35 Peak

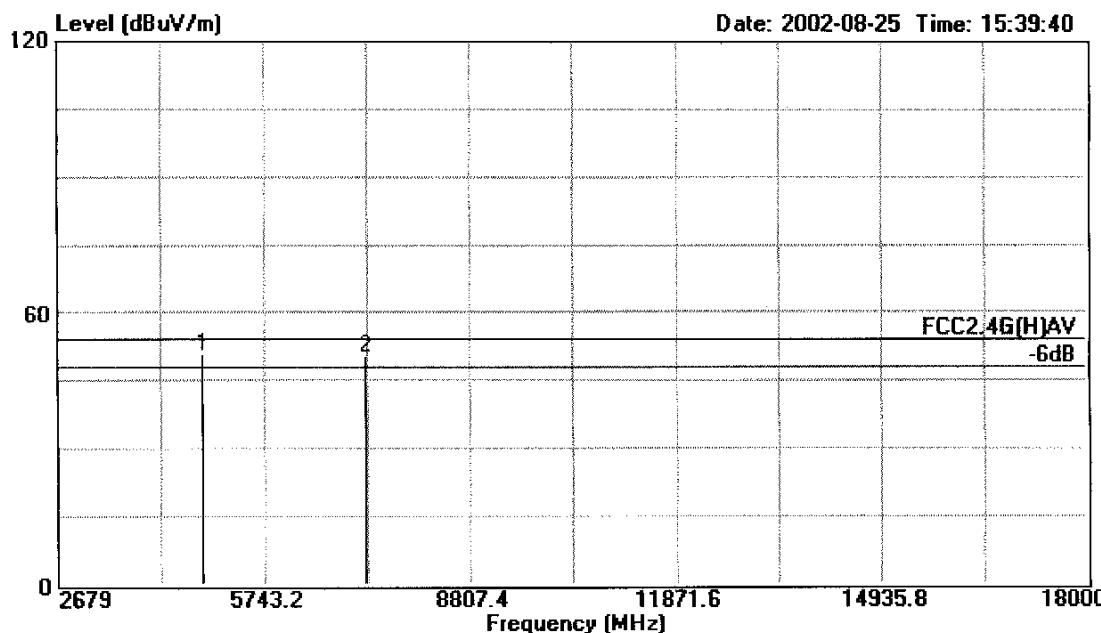


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Data#: 10 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

	Limit	Over	Cable	Read		
Freq	Line	Level	Limit Factor	Loss	Level	Remark
MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1 ! 4820.318	54.00	50.82	-3.18	5.19	4.81	45.63 Average
2 ! 7230.475	54.00	50.24	-3.76	9.03	5.99	41.21 Average

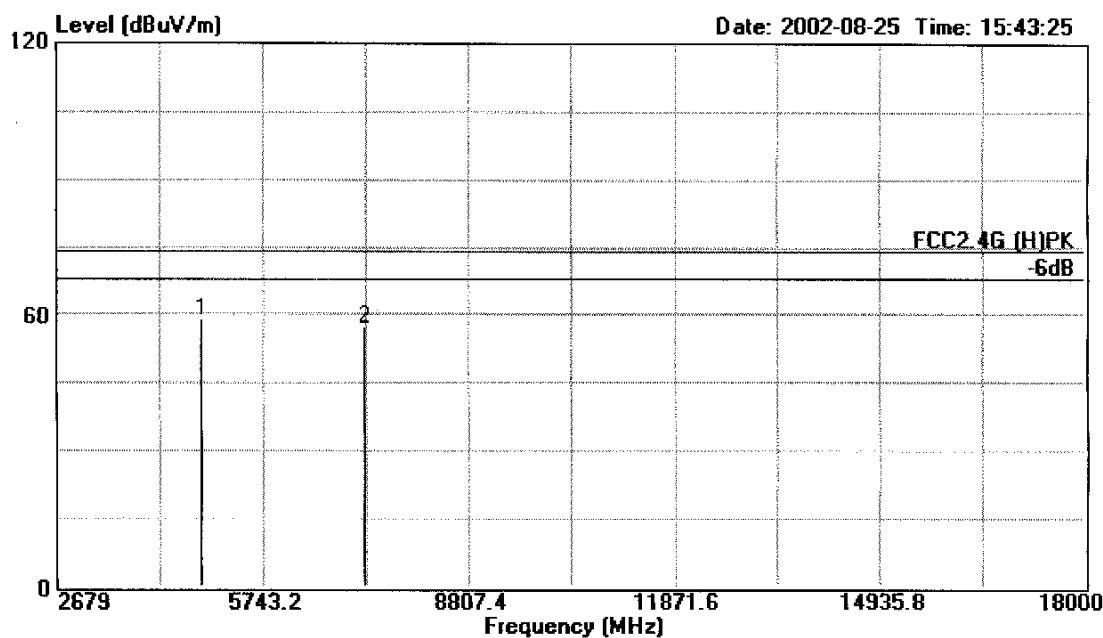


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Data#: 12 File#: C:\EMI TEST DATA\A\Action.EMI



Site	:	1# Chamber					
Condition	:	FCC2.4G (H) PK 3m 3115FACTOR HORIZONTAL					
EUT	:	2.4GHz A/V TRANSMITTER					
M/N	:	XTB-102					
Power	:	AC Adaptor Input 120V/60Hz DC 6.3V					
Test Engineer	:	Edwarehu					
Memo	:	Play With Standard AV Signal					
:	:	Channel: 1CH					
	Limit	Over	Cable	Read			
Freq	Line	Level	Factor	Loss	Level	Remark	
	MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1	4820.318	74.00	58.88	-15.12	5.19	4.81	53.69 Peak
2	7230.475	74.00	57.35	-16.65	9.03	5.99	48.32 Peak

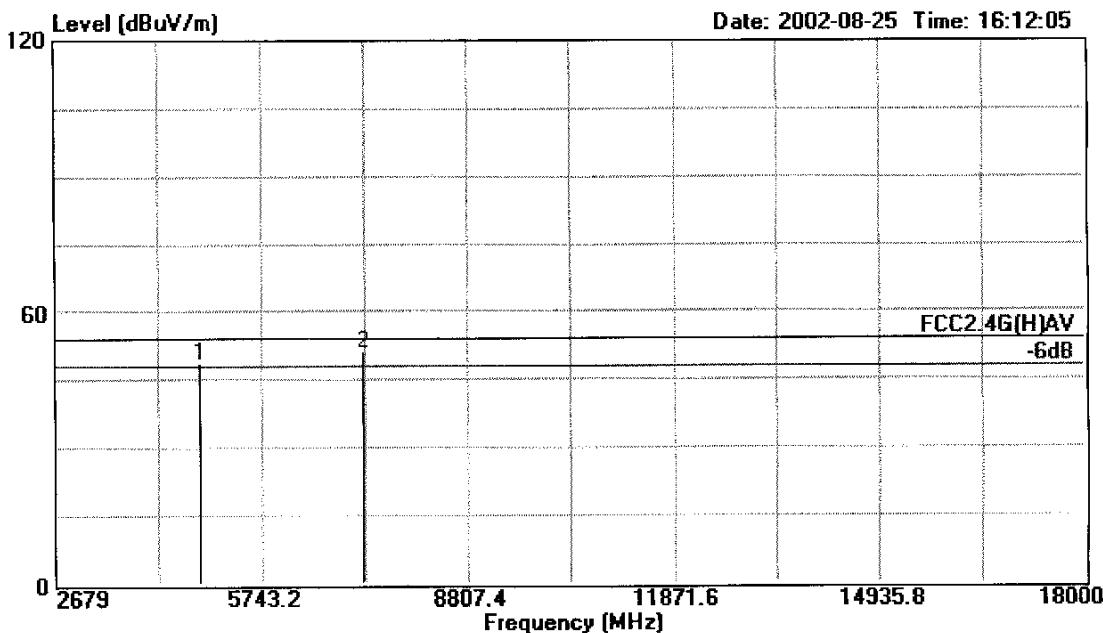


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Data#: 27 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				
MHz	dB _{UV/m}	dB _{UV/m}				
1 ! 4820.314	54.00	48.87	-5.13	5.19	4.81	43.68 Average
2 ! 7230.470	54.00	51.35	-2.65	9.03	5.99	42.32 Average

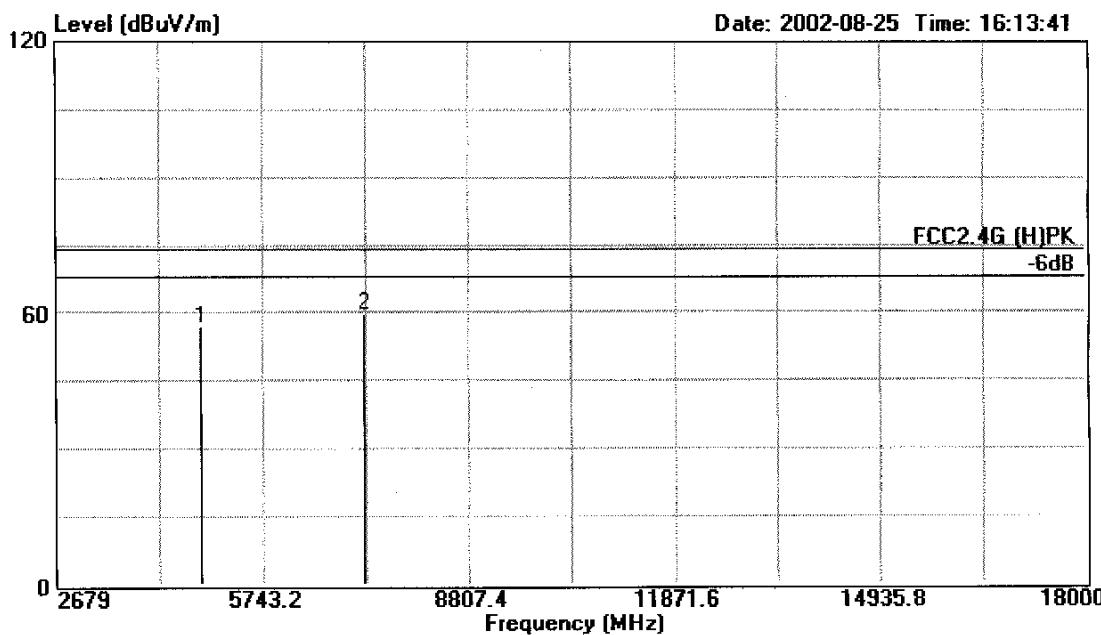


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Data#: 28 File#: C:\EMI TEST DATA\A\Action.EMI



Site	:	1# Chamber					
Condition	:	FCC2.4G (H) PK 3m 3115FACTOR VERTICAL					
EUT	:	2.4GHz A/V TRANSMITTER					
M/N	:	XTB-102					
Power	:	AC Adaptor Input 120V/60Hz DC 6.3V					
Test Engineer	:	Edwarehu					
Memo	:	Play With Standard AV Signal					
:	:	Channel: 1CH					
	Limit	Over	Cable	Read			
Freq	Line	Level	Limit Factor	Loss	Level Remark		
	MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1	4820.314	74.00	57.13	-16.87	5.19	4.81	51.94 Peak
2	7230.476	74.00	59.91	-14.09	9.03	5.99	50.88 Peak

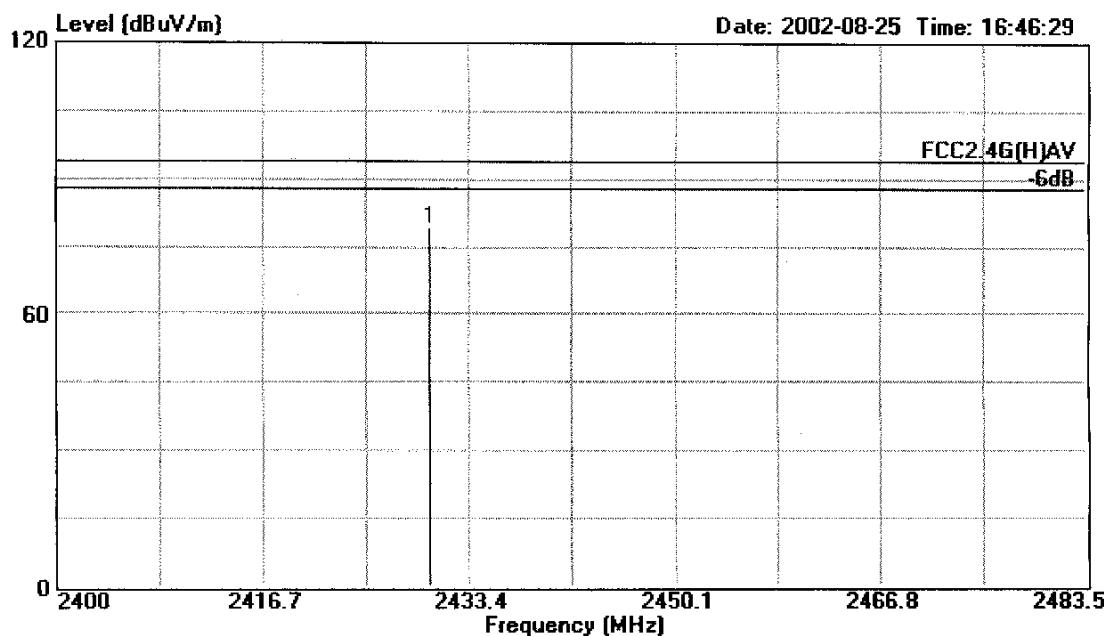


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Data#: 46 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwardhu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

	Limit	Over	Cable	Read			
Freq	Line	Level	Limit Factor	Loss	Level	Remark	
MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV	
1	2430.149	94.00	79.36	-14.64	-1.60	3.36	80.96 Average

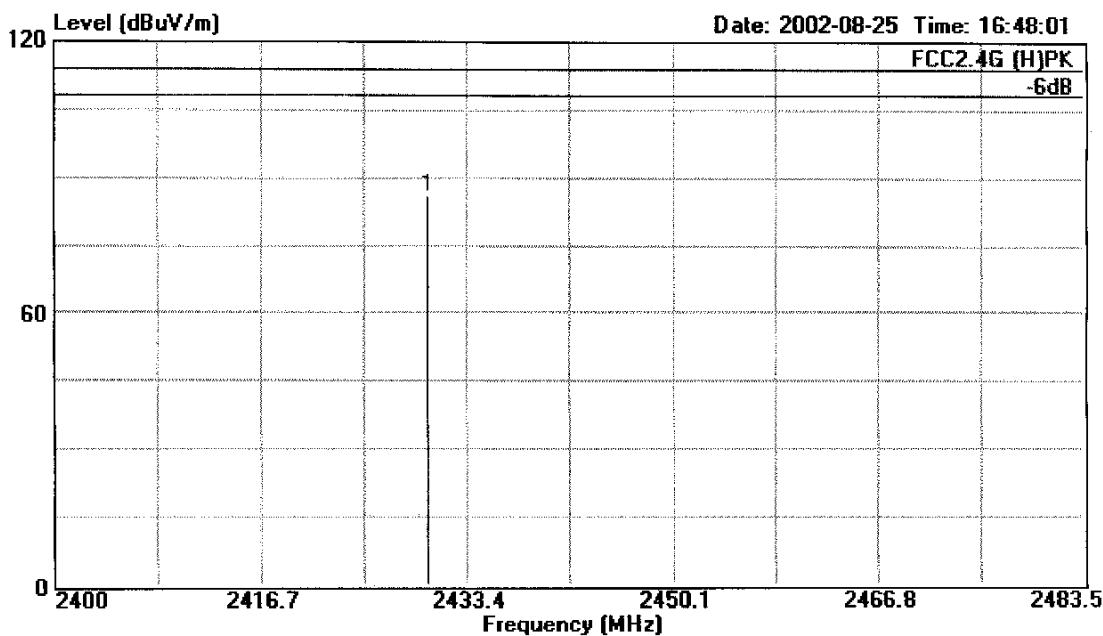


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Data#: 47 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G (H)PK 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

Freq	Limit	Over	Cable	Read	
	Line	Level	Limit Factor	Loss	Level Remark
MHz	dBuV/m	dBuV/m	dB	dB	dBuV
1 2430.149	114.00	86.04	-27.96	-1.60	3.36 87.64 Peak

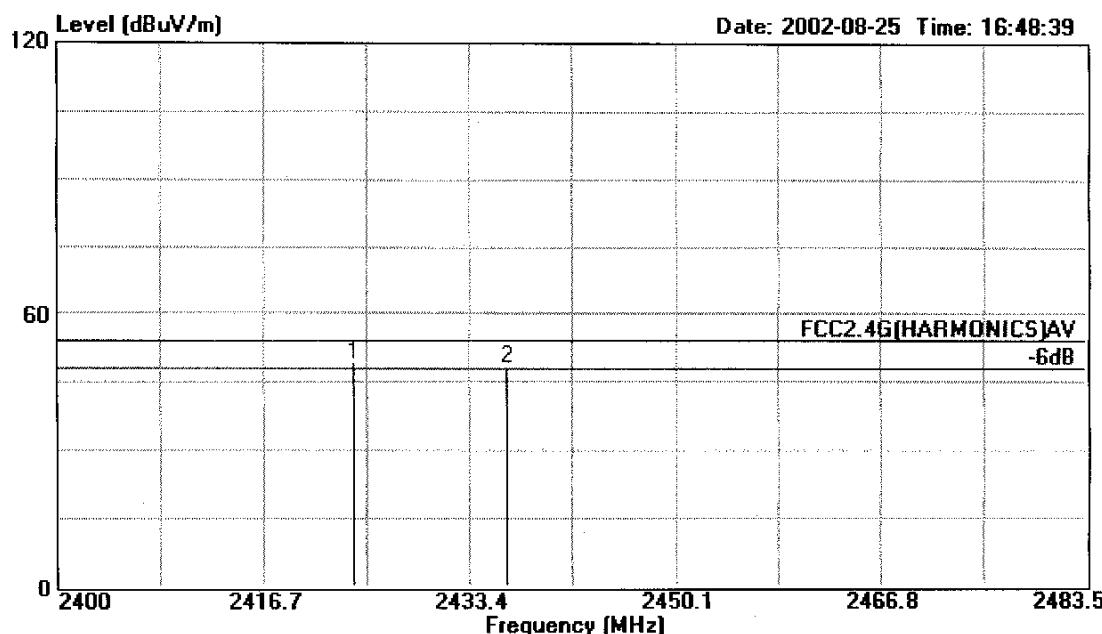


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Data#: 48 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				
MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1 ! 2423.880	54.00	49.06	-4.94	-1.61	3.36	50.67 Average
2 ! 2436.431	54.00	48.37	-5.63	-1.58	3.37	49.95 Average

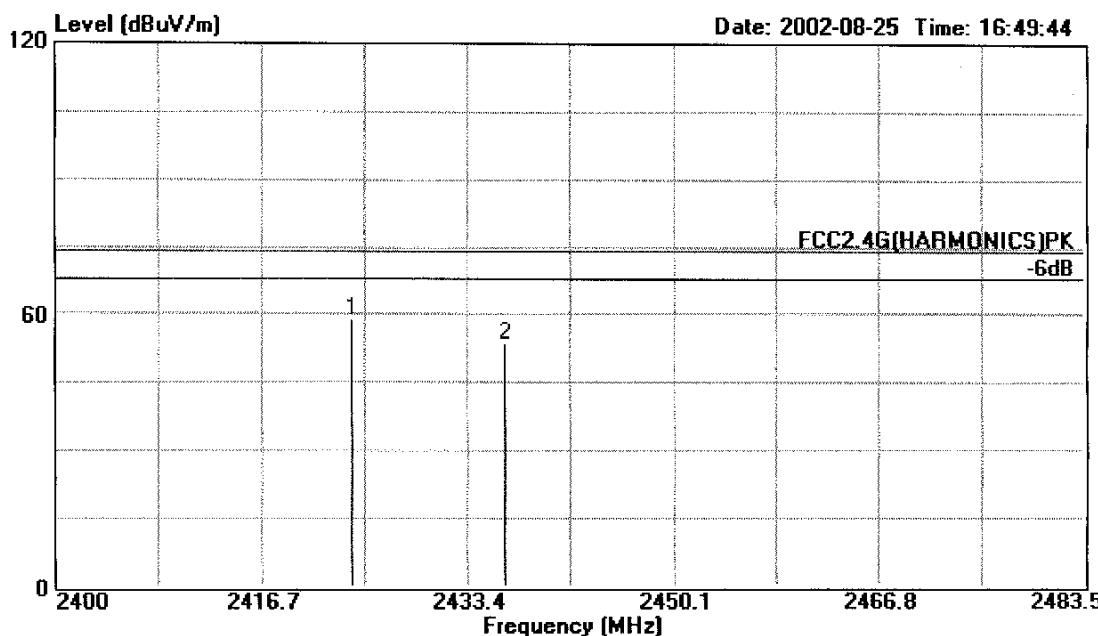


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Data#: 49 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)PK 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				
MHz	dB _B V/m	dB _B V/m	dB	dB	dB	dB _B V
1 2423.881	74.00	59.00	-15.00	-1.61	3.36	60.61 Peak
2 2436.430	74.00	53.75	-20.25	-1.58	3.37	55.33 Peak

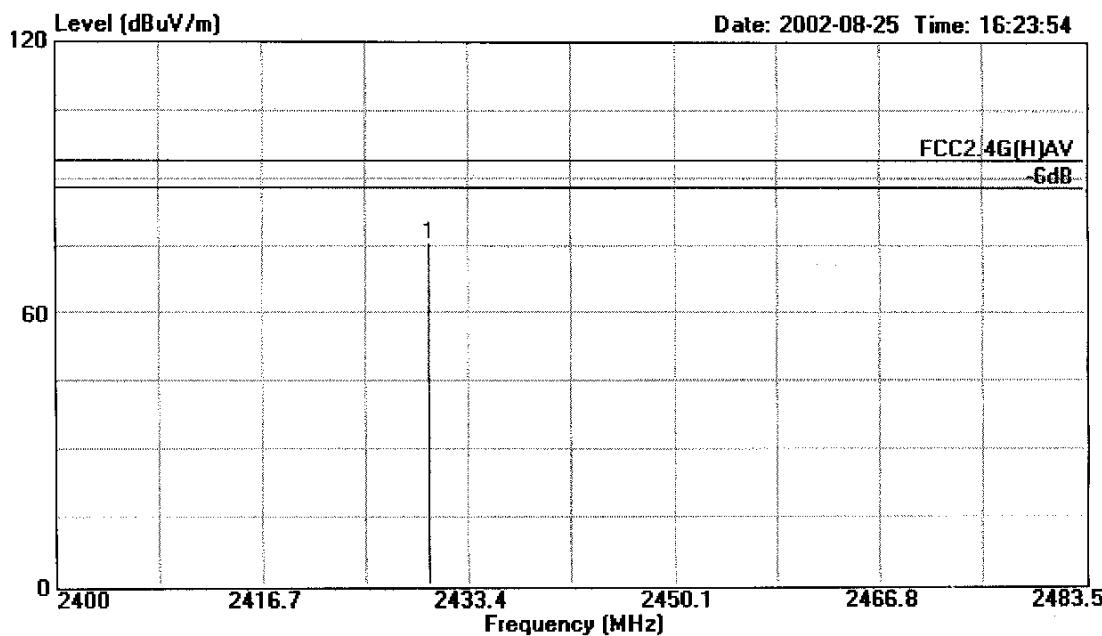


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Data#: 33 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

	Limit	Over	Cable	Read			
Freq	Line	Level	Limit Factor	Loss	Level	Remark	
1	2430.149	94.00	75.60	-18.40	-1.60	3.36	77.20 Average

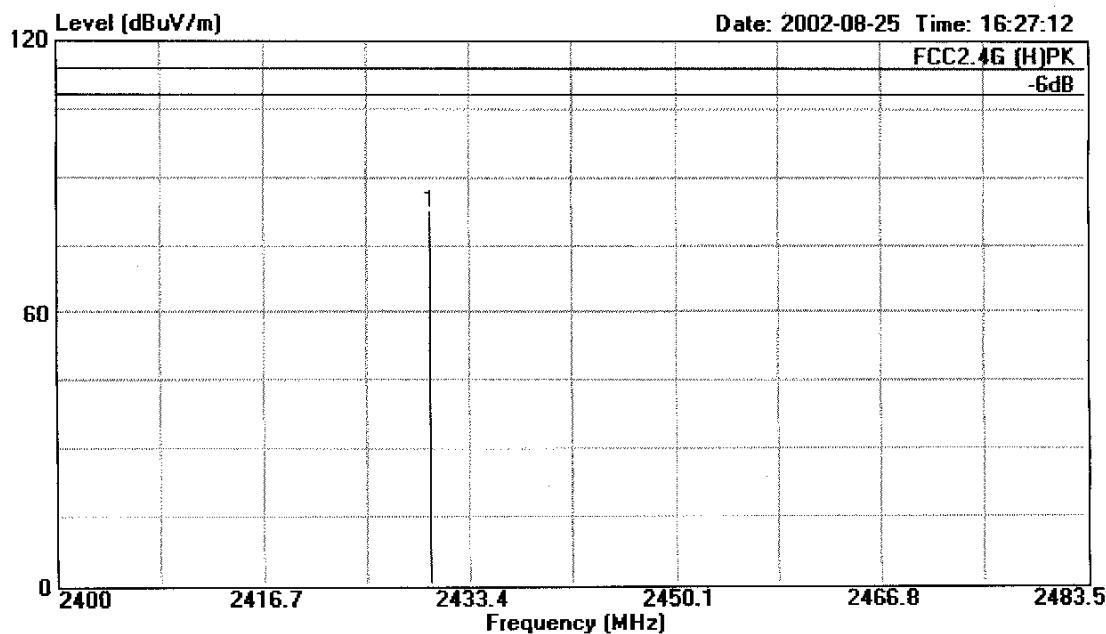


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Data#: 34 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G (H)PK 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				
MHz	dBuV/m	dBuV/m		dB	dB	dBuV
1 2430.149	114.00	82.72	-31.28	-1.60	3.36	84.32 Peak

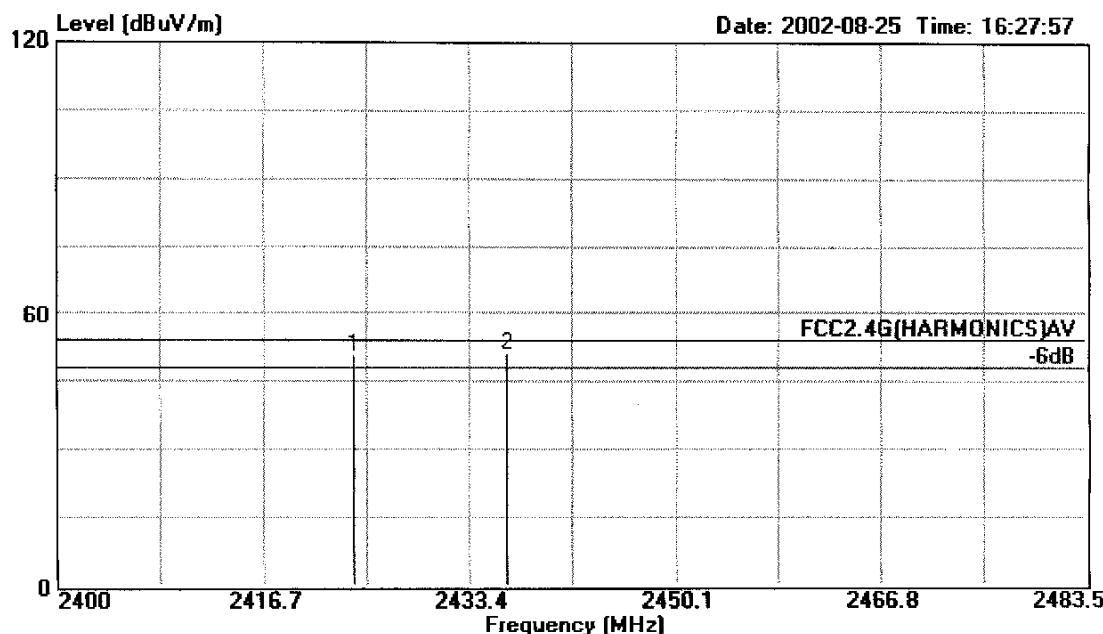


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Data#: 35 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				
MHz	dBuV/m	dBuV/m				
1	2423.881	54.00	50.75	-3.25	-1.61	3.36 52.36 Average
2	2436.431	54.00	51.07	-2.93	-1.58	3.37 52.65 Average

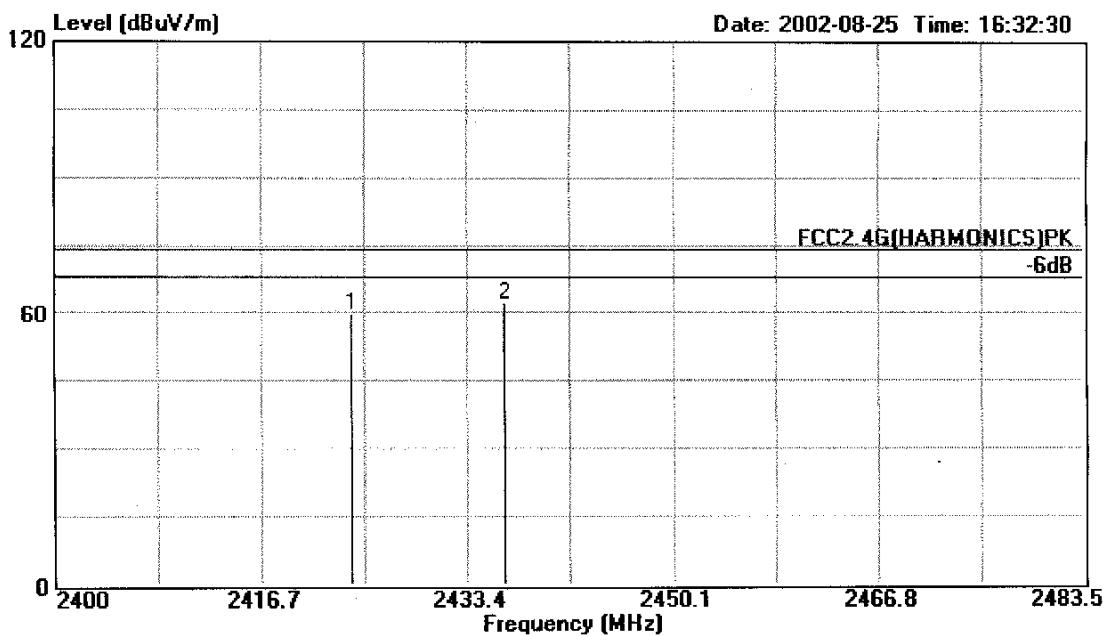


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Data#: 36 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)PK 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

	Limit	Over	Cable	Read			
Freq	Line	Level	Limit Factor	Loss	Level	Remark	
	MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1	2423.881	74.00	59.97	-14.03	-1.61	3.36	61.58 Peak
2	2436.431	74.00	62.42	-11.58	-1.58	3.37	64.00 Peak

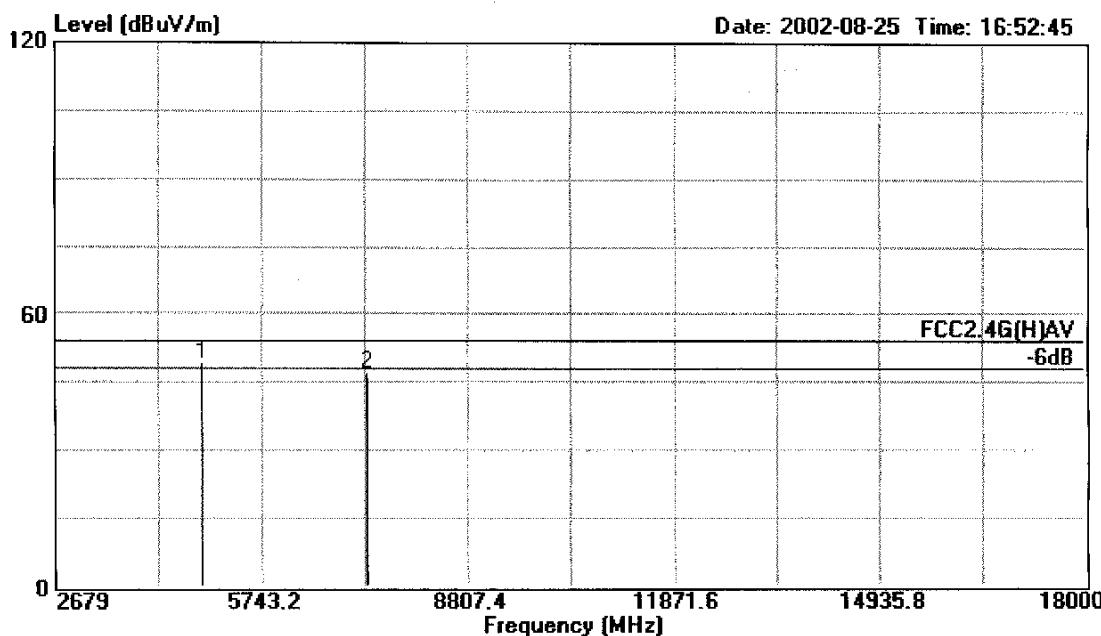


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Data#: 54 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwarehu

Memo : Play With Standard AV Signal

: Channel: 2CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				

	MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1	4860.339	54.00	49.29	-4.71	5.28	4.83	44.01 Average
2	7290.492	54.00	47.10	-6.90	9.25	6.01	37.85 Average

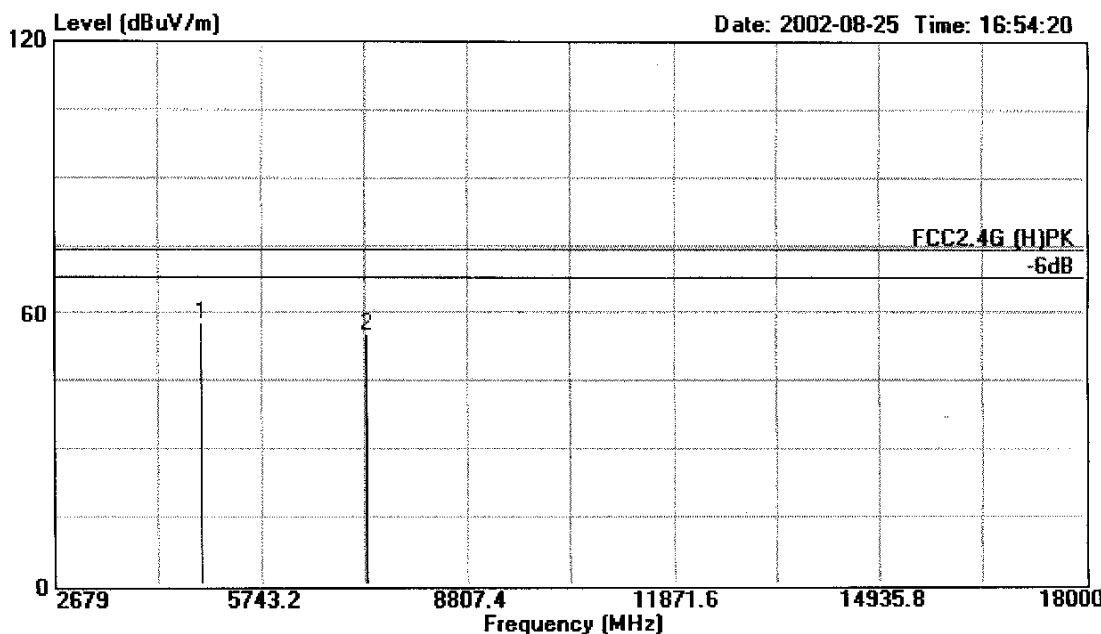


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Data#: 55 File#: C:\EMI TEST DATA\A\Action.EMI



	1	2	Line	Over	Cable	Read	
Freq	4860.340	7290.491	dB _{BuV/m}	dB _{BuV/m}	dB	dB	dB _{BuV}
1	4860.340	7290.491	74.00	74.00	57.67 55.19	-16.33 -18.81	5.28 9.25 4.83 6.01 52.39 45.94 Peak Peak
2							

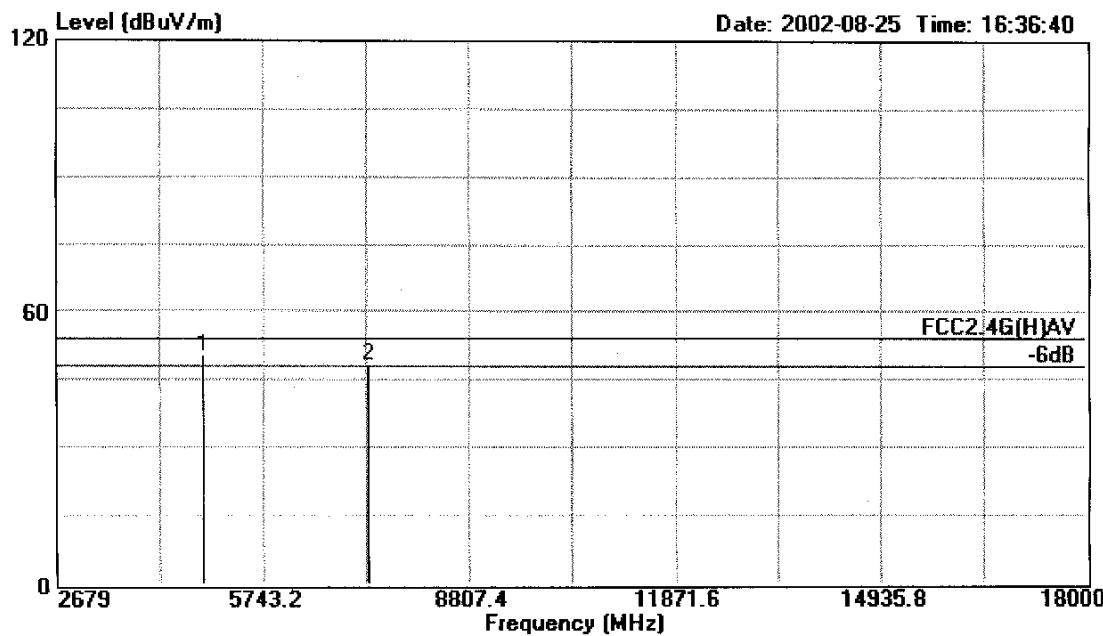


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Data#: 41 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber

Condition : FCC2.4G(H)AV 3m 3115FACTOR VERTICAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwarehu

Memo : Play With Standard AV Signal

: Channel: 2CH

	Limit	Over	Cable	Read		
Freq	Line	Level	Limit Factor	Loss	Level	Remark
	MHz	dB _{UV} /m	dB _{UV} /m	dB	dB	dB _{UV}

1 !	4860.341	54.00	50.60	-3.40	5.28	4.83	45.32	Average
2 !	7290.490	54.00	48.22	-5.78	9.25	6.01	38.97	Average

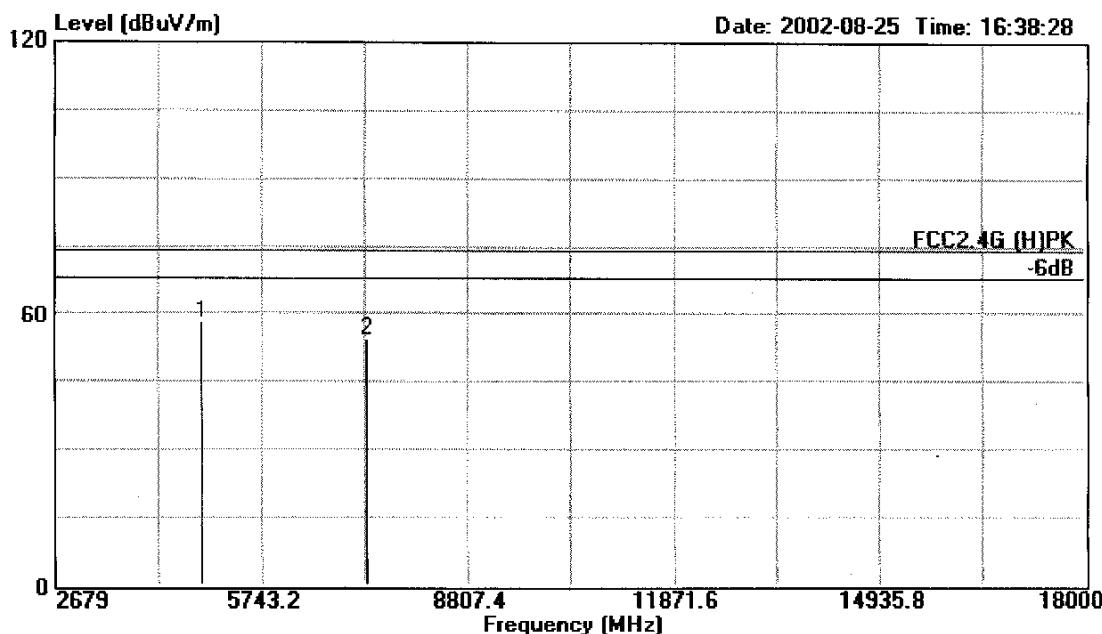


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Data#: 42 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
Condition : FCC2.4G (H)PK 3m 3115FACTOR VERTICAL
EUT : 2.4GHz A/V TRANSMITTER
M/N : XTB-102
Power : AC Adaptor Input 120V/60Hz DC 6.3V
Test Engineer : Edwarehu
Memo : Play With Standard AV Signal
:

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	dBuV/m				
1	4860.340	74.00	58.22	-15.78	5.28	4.83 52.94 Peak
2	7290.490	74.00	54.65	-19.35	9.25	6.01 45.40 Peak

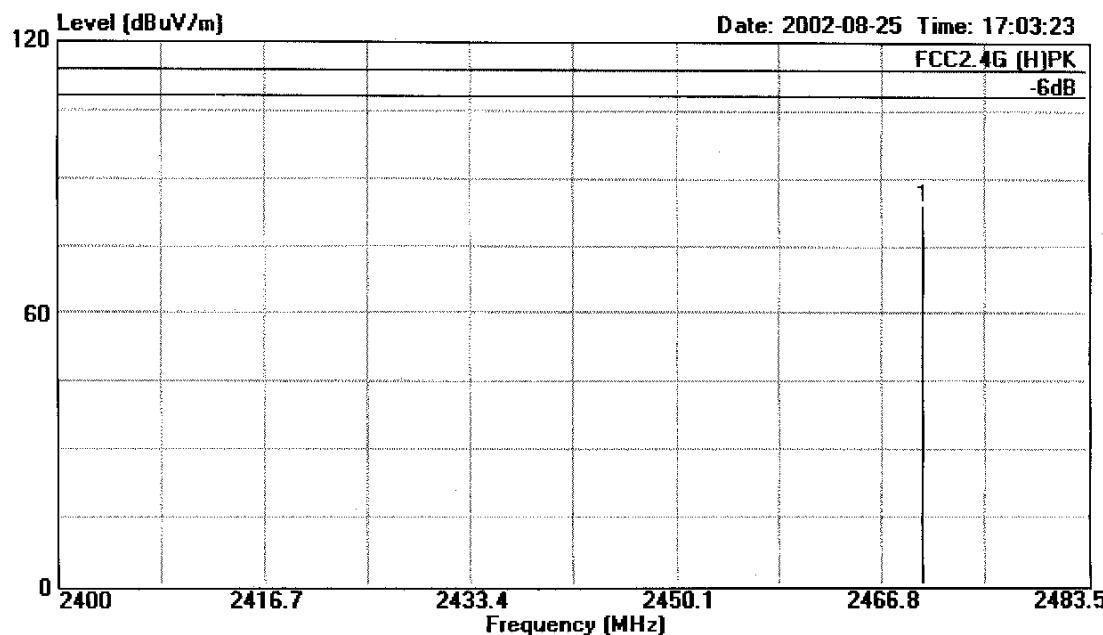


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Data#: 62 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G (H) PK 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwardhu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

	Limit	Over	Cable	Read			
Freq	Line	Level	Factor	Loss	Level	Remark	
1	2470.155	114.00	84.05	-29.95	-1.51	3.39	85.56 Peak

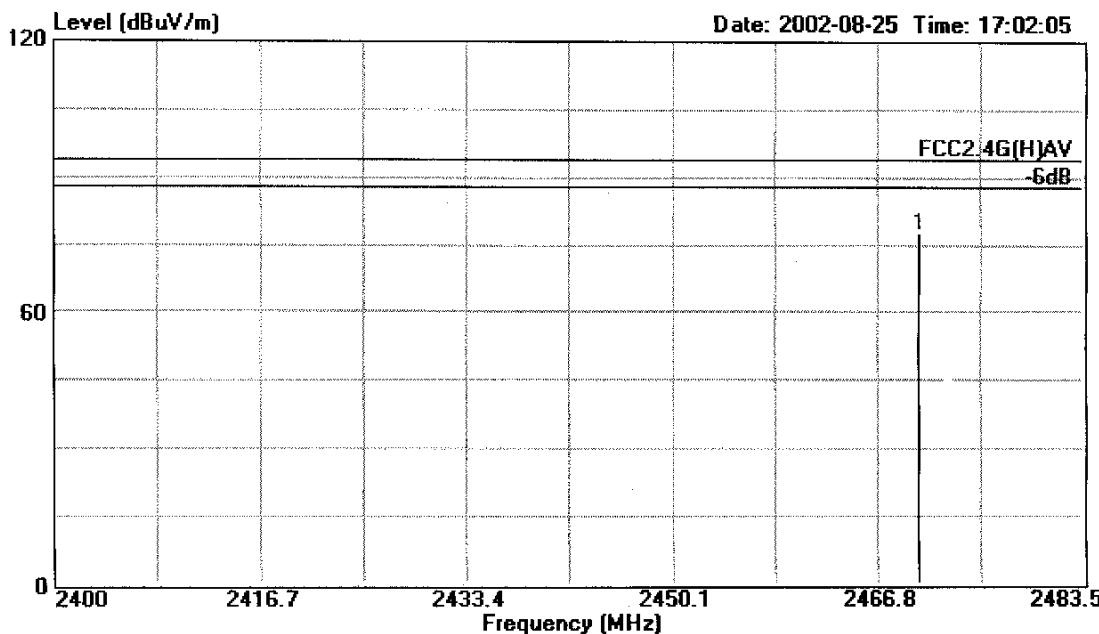


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Data#: 61 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	dBuV/m				
1 2470.155	94.00	77.86	-16.14	-1.51	3.39	79.37 Average

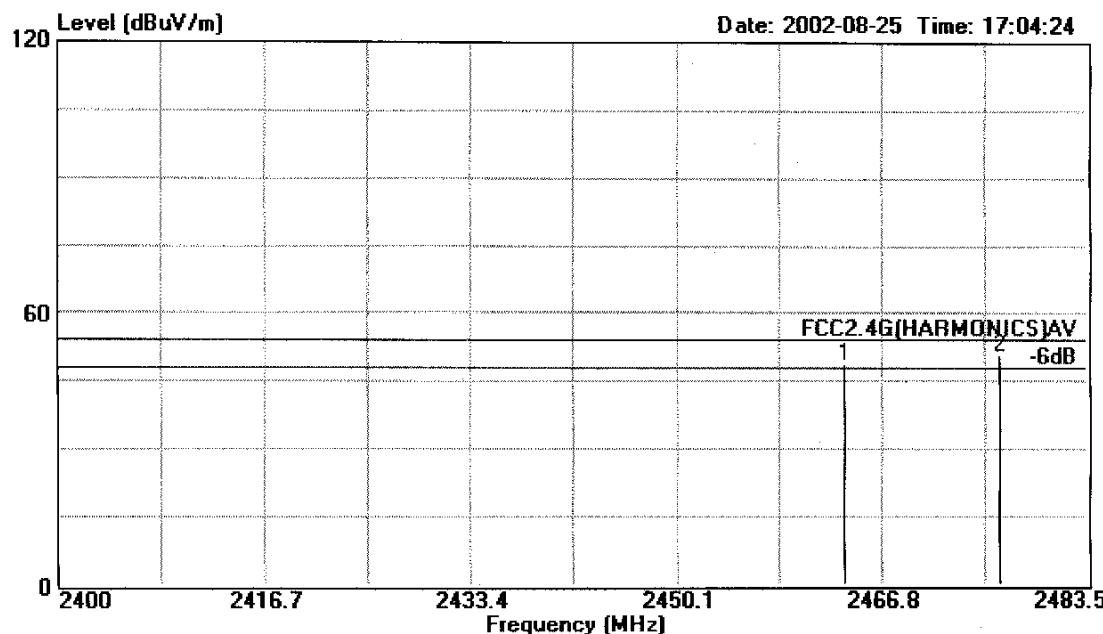


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Data#: 63 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				
	MHz	dB _{UV/m}	dB _{UV/m}	dB	dB	dB _{UV}
1 !	2463.864	54.00	48.82	-5.18	-1.51	3.39 50.33 Average
2 !	2476.426	54.00	50.79	-3.21	-1.50	3.40 52.29 Average

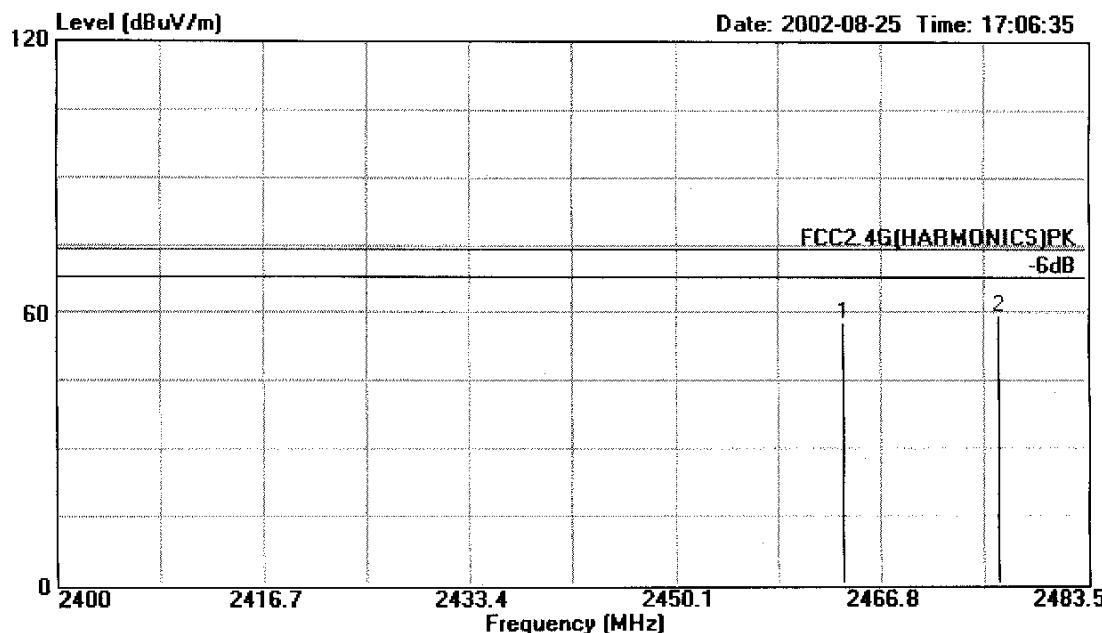


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Data#: 64 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber

Condition : FCC2.4G(HARMONICS)PK 3m 3115FACTOR HORIZONTAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwarehu

Memo : Play With Standard AV Signal

: Channel: 4CH

	Limit	Over	Cable	Read		
Freq	Line	Level	Factor	Loss	Level	Remark
	MHz	dB _{UV} /m	dB _{UV} /m	dB	dB	dB _{UV}

1	2463.864	74.00	57.82	-16.18	-1.51	3.39	59.33 Peak
2	2476.426	74.00	59.48	-14.52	-1.50	3.40	60.98 Peak

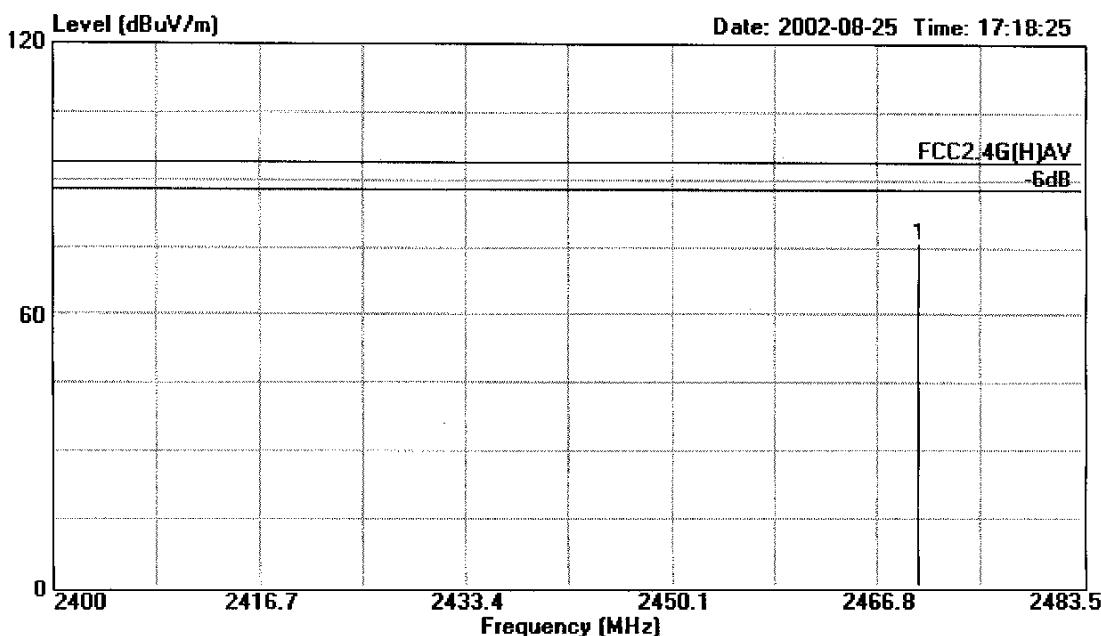


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Data#: 75 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

	Limit	Over	Cable	Read			
Freq	Line	Level	Limit Factor	Loss	Level	Remark	
MHz	dB _B V/m	dB _B V/m	dB	dB	dB	dB _B V	
1	2470.155	94.00	76.15	-17.85	-1.51	3.39	77.66 Average

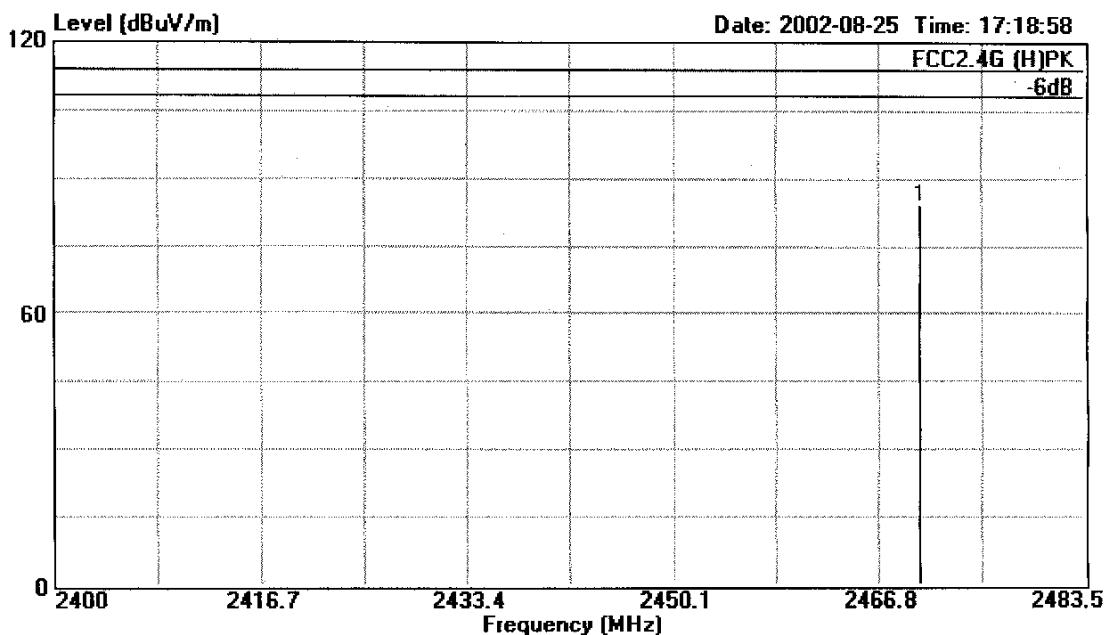


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Data#: 76 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G (H)PK 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

	Limit	Over	Cable	Read			
Freq	Line	Level	Factor	Loss	Level	Remark	
MHz	dB _{UV} /m	dB _{UV} /m		dB	dB	dB _{UV}	
1	2470.155	114.00	84.19	-29.81	-1.51	3.39	85.70 Peak

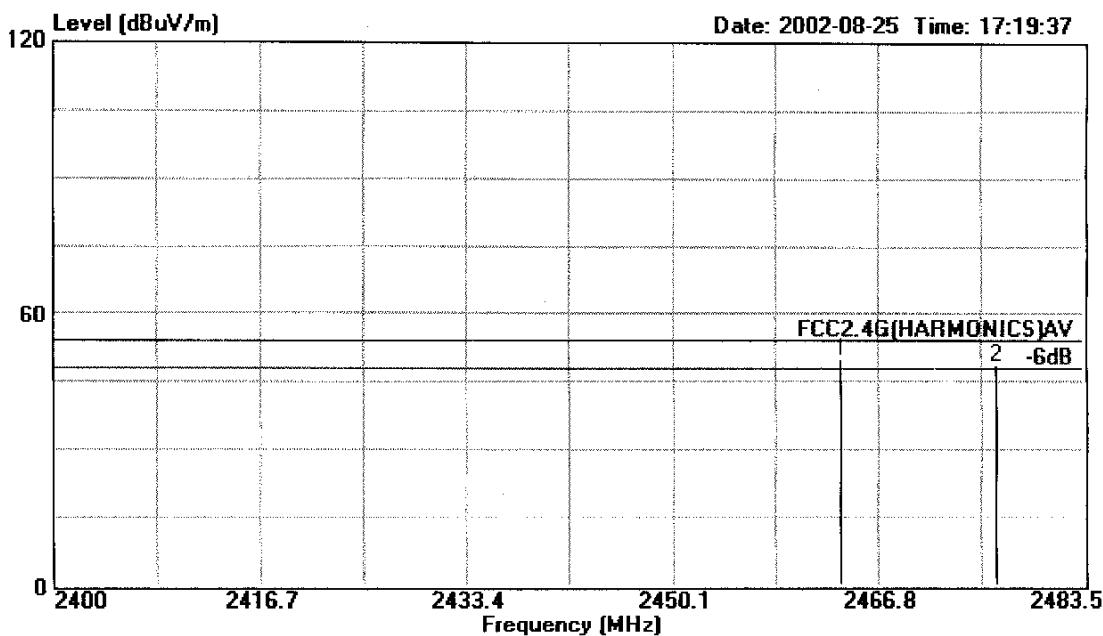


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Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

Data#: 77 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				
MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1 ! 2463.863	54.00	49.84	-4.16	-1.51	3.39	51.35 Average
2 ! 2476.425	54.00	48.84	-5.16	-1.50	3.40	50.34 Average

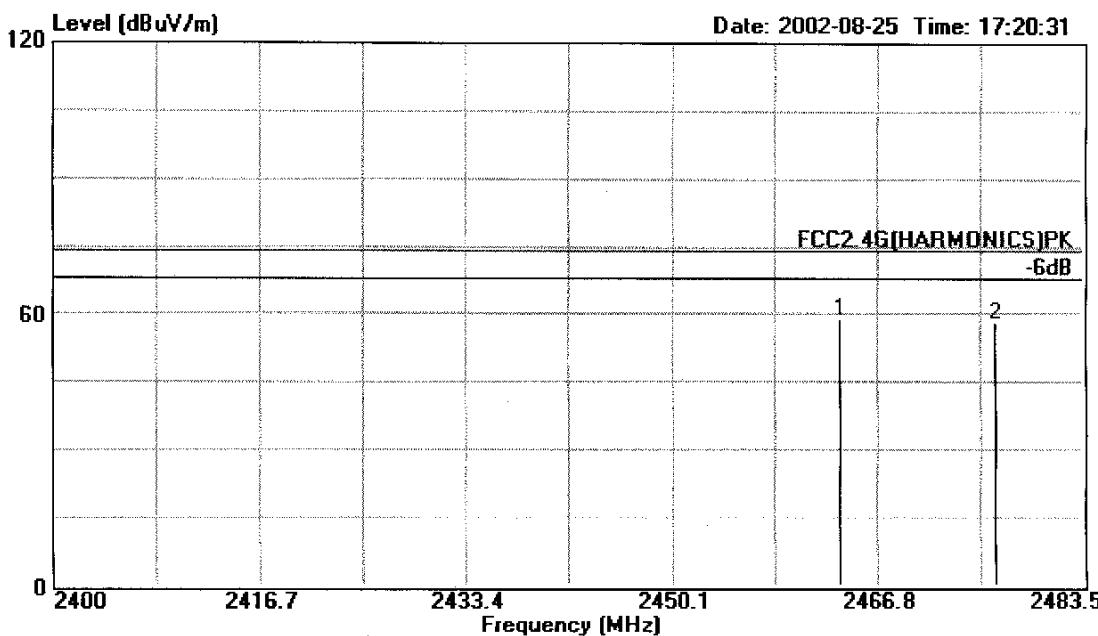


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 acsadmin@

Data#: 78 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(HARMONICS)PK 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwardhu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				
MHz	dBuV/m	dBuV/m		dB	dB	dBuV
1 2463.862	74.00	58.81	-15.19	-1.51	3.39	60.32 Peak
2 2476.426	74.00	58.18	-15.82	-1.50	3.40	59.68 Peak

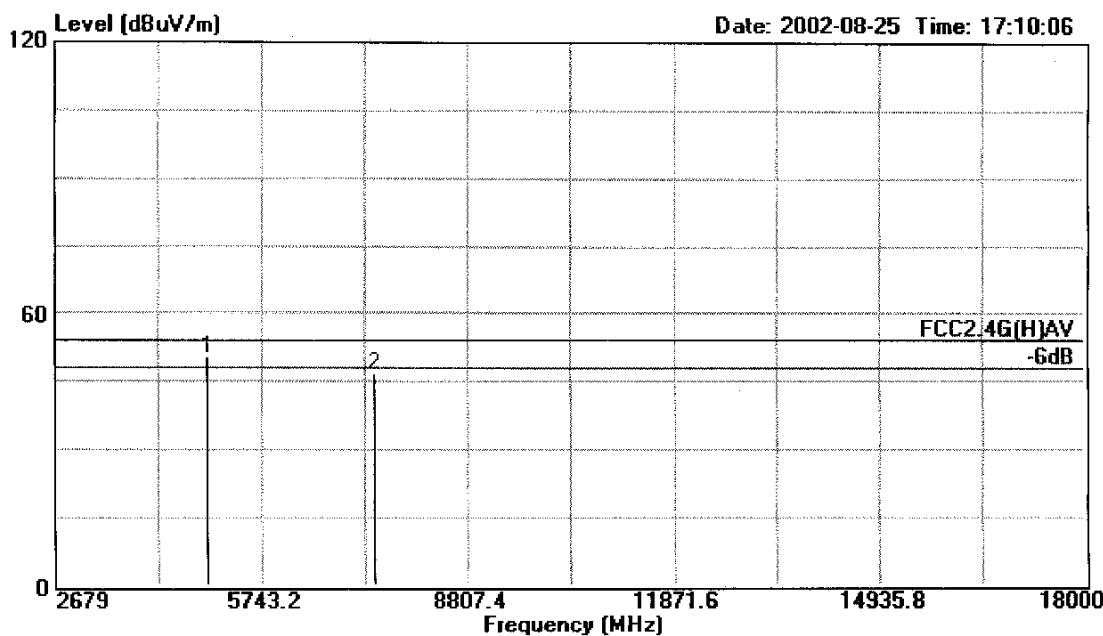


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 Tel:+86-755-6639496 Fax:+86-755-6639496
 acsadmin@

Data#: 69 File#: C:\EMI TEST DATA\A\Action.EMI



Site	:	1# Chamber					
Condition	:	FCC2.4G(H)AV 3m 3115FACTOR HORIZONTAL					
EUT	:	2.4GHz A/V TRANSMITTER					
M/N	:	XTB-102					
Power	:	AC Adaptor Input 120V/60Hz DC 6.3V					
Test Engineer	:	Edwarehu					
Memo	:	Play With Standard AV Signal					
:	:	Channel: 4CH					
	Limit	Over	Cable	Read			
Freq	Line	Level	Limit Factor	Loss	Level	Remark	
	MHz	dBuV/m	dBuV/m	dB	dB	dBuV	
1	4940.320	54.00	50.25	-3.75	5.57	4.87	44.68 Average
2	7410.525	54.00	46.78	-7.22	9.80	6.07	36.98 Average

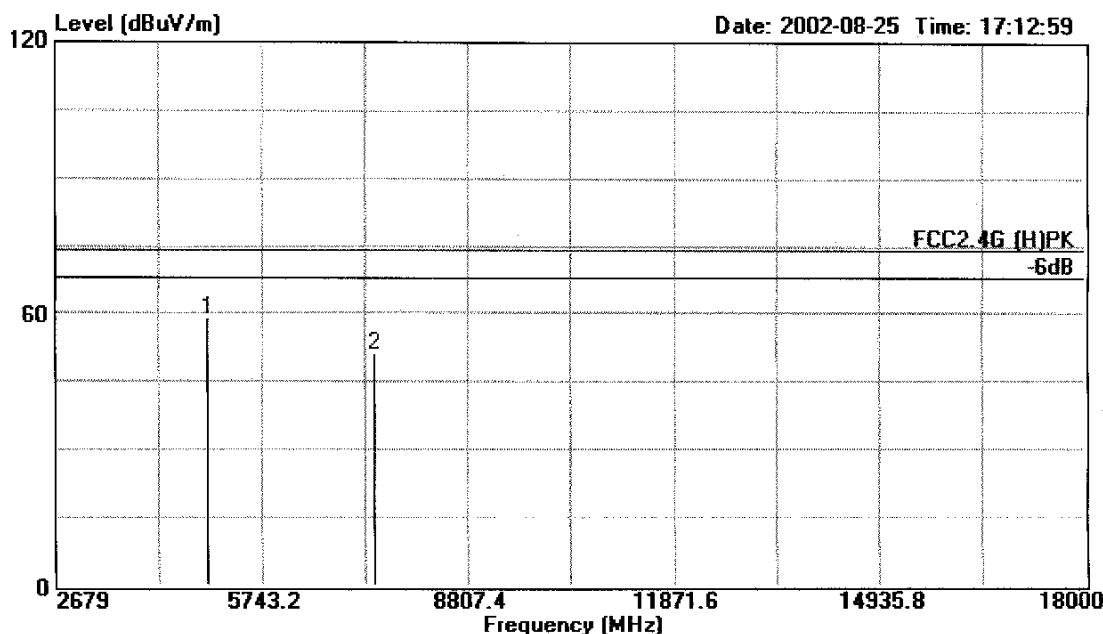


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Data#: 70 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
Condition : FCC2.4G (H) PK 3m 3115FACTOR HORIZONTAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwarehu

Memo : Play With Standard AV Signal

: Channel: 4CH

Freq	Limit		Over Limit Factor	Cable Loss	Read Level	Remark
	Line	Level				

	MHz	dBuV/m	dBuV/m	dB	dB	dB	dBuV
1	4940.320	74.00	58.81	-15.19	5.57	4.87	53.24 Peak
2	7410.524	74.00	51.18	-22.82	9.80	6.07	41.38 Peak

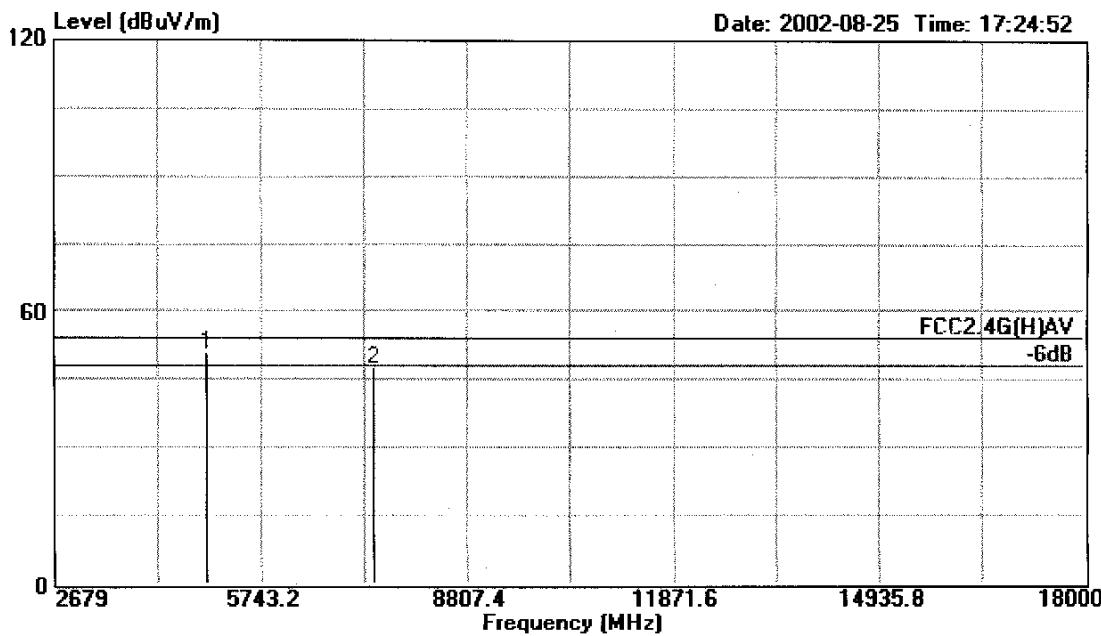


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 acsadmin@

Data#: 83 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber

Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL

EUT : 2.4GHz A/V TRANSMITTER

M/N : XTB-102

Power : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer : Edwarehu

Memo : Play With Standard AV Signal

: Channel: 4CH

Freq	Limit	Over	Cable	Read		
	Line	Level	Factor	Loss	Level	Remark

1	4940.324	54.00	50.88	-3.12	5.57	4.87	45.31	Average
2	7410.534	54.00	47.48	-6.52	9.80	6.07	37.68	Average

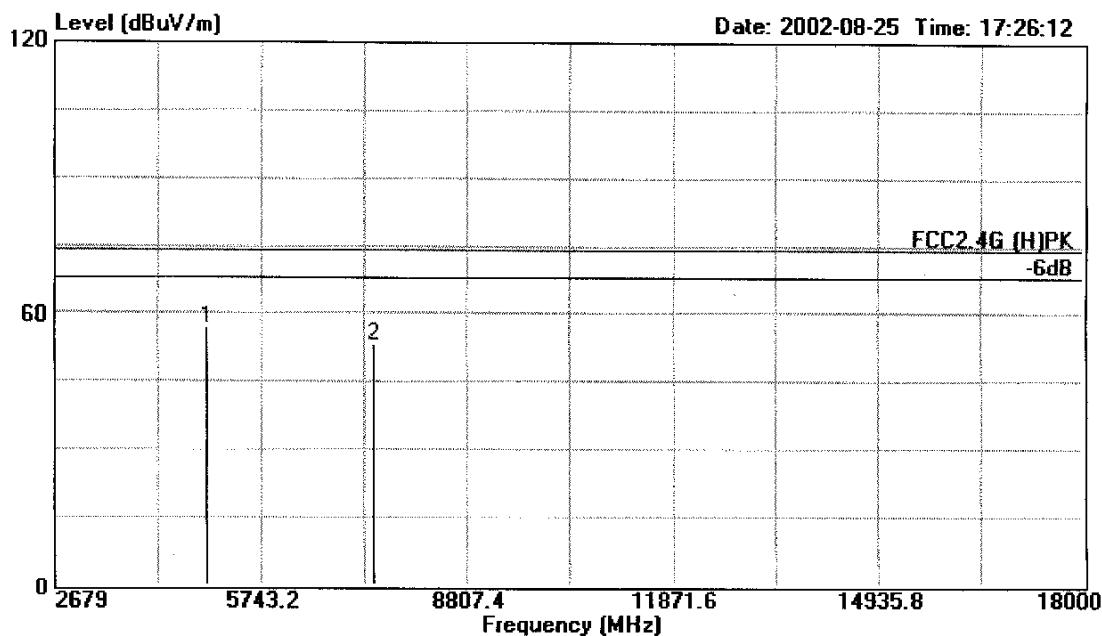


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Data#: 84 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G (H)PK 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

	Limit	Over	Cable	Read			
Freq	Line	Level	Limit Factor	Loss	Level	Remark	
	MHz	dB _{UV} /m	dB _{UV} /m	dB	dB	dB	dBuV
1	4940.324	74.00	56.92	-17.08	5.57	4.87	51.35 Peak
2	7410.525	74.00	53.49	-20.51	9.80	6.07	43.69 Peak

4. BANDWIDTH TEST

4.1. Test Equipment

The following test equipments are used during the bandwidth test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	HP	8593EM	3628A00167	2002.06.02	1 Year
2.	Antenna	EMCO	3115	9607-4877	2001.06.04	1.5 Year

4.2. Test Standard

The test completeness FCC 15C (2).

4.3. Bandwidth Limit

The minimum 6dB bandwidth shall be at least 500KHz.

4.4. Test Procedure

All the scanning waveforms are attached in Appendix III.

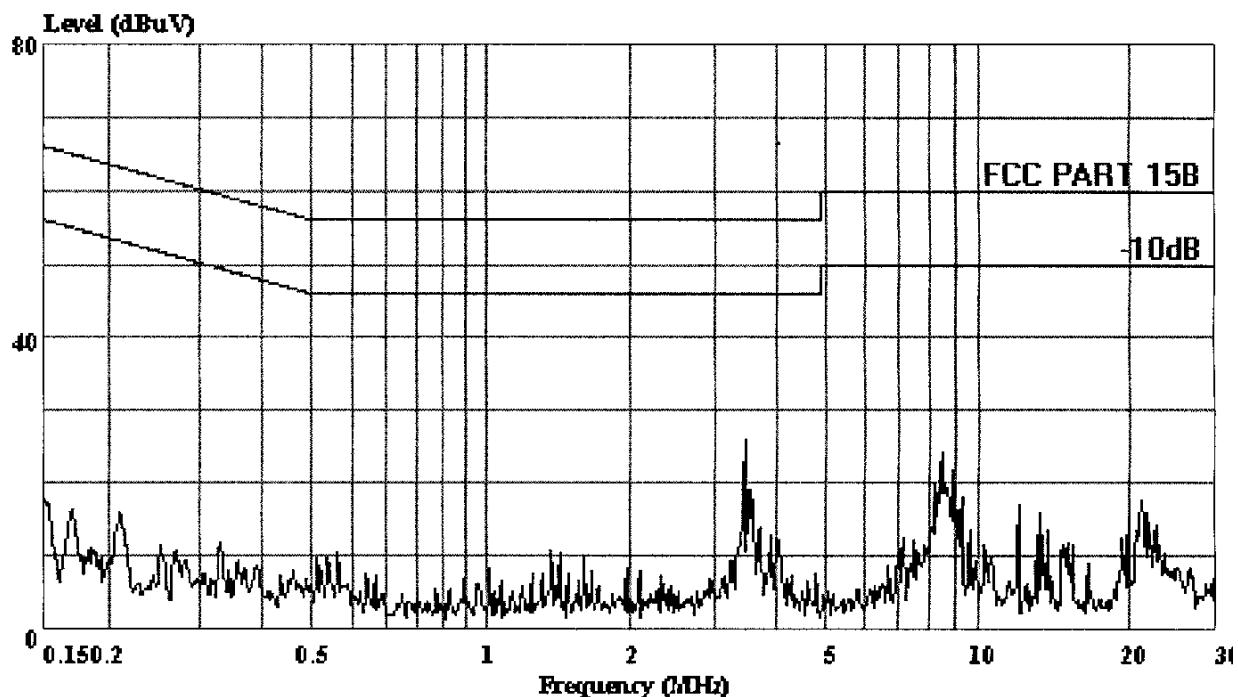
APPENDIX I



Shenzhen Science & Ind Par
Nantou, Guangdong, China
Tel: 0755-26639495~7
Fax: 0755-26632877

Data#: 234 File#: Action.emi

Date: 2002-09-03 Time: 09:03:20



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

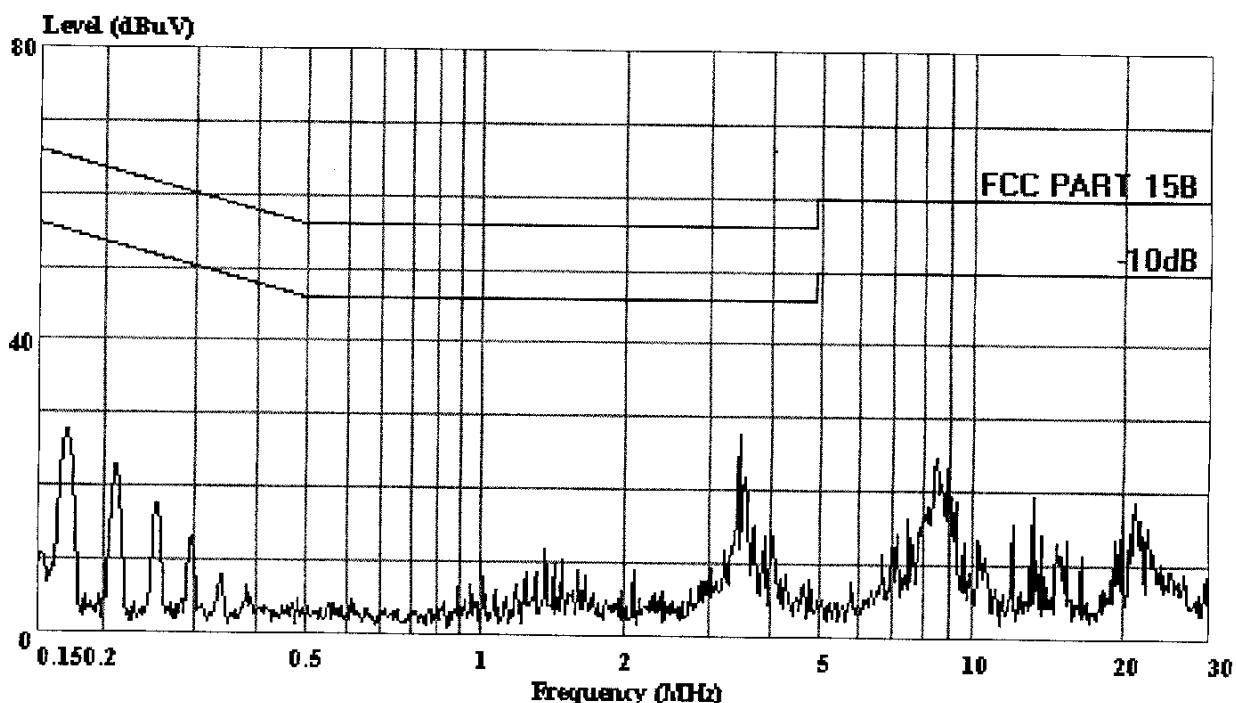
Condition: FCC PART 15B VA(KNW-407)
 EUT: : 2.4GHz A/V TRANSMITTER
 M/N: : XTB-102
 Power: : AC Adaptor Input 120V/60Hz
 Manuf: : ACTION
 OP Cond:: Play With Standard AV Signal
 : Channel: 1CH



Shenzhen Science & Ind Par
Nantou, Guangdong, China
Tel:0755-26639495~7
Fax:0755-26632877

Data#: 235 File#: Action.emi

Date: 2002-09-03 Time: 09:04:31



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

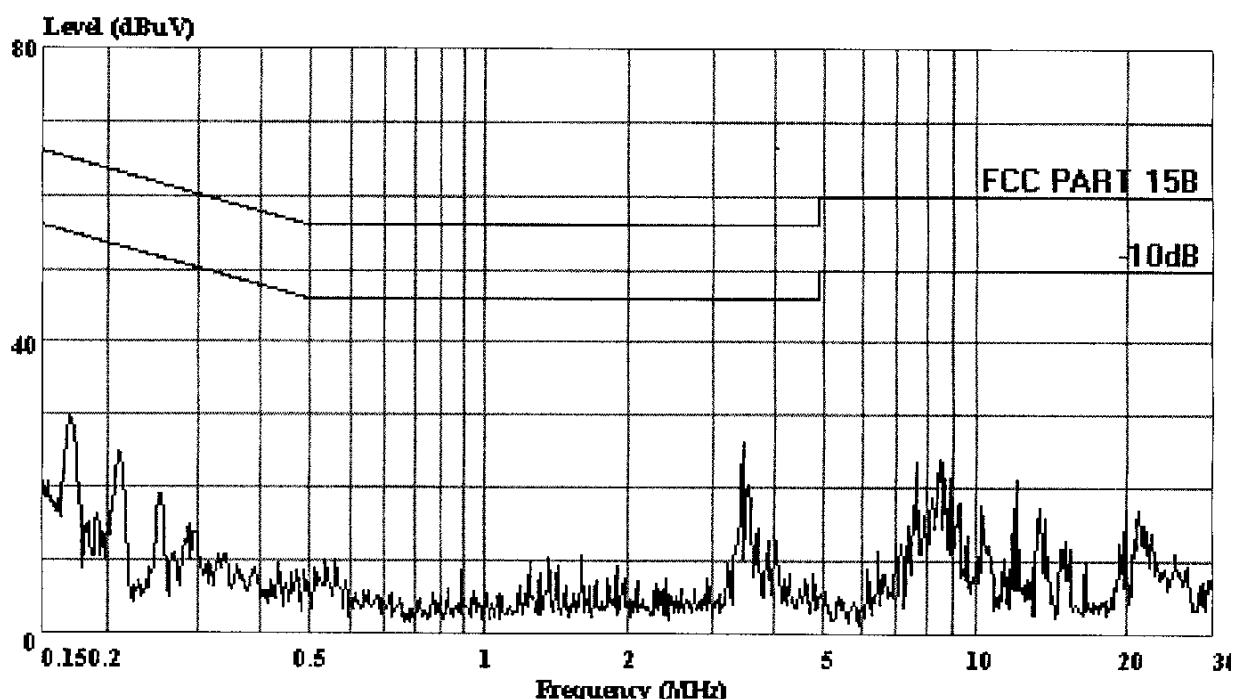
Condition: FCC PART 15B VB (KNW-407)
 EUT: : 2.4GHz A/V TRANSMITTER
 M/N: : XTB-102
 Power: : AC Adaptor Input 120V/60Hz
 Manuf: : ACTION
 OP Cond.: Play With Standard AV Signal
 : Channel: 1CH



Shenzhen Science & Ind Par
Nantou, Guangdong, China
Tel:0755-26639495~7
Fax:0755-26632877

Data#: 237 File#: Action.emi

Date: 2002-09-03 Time: 09:07:05



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

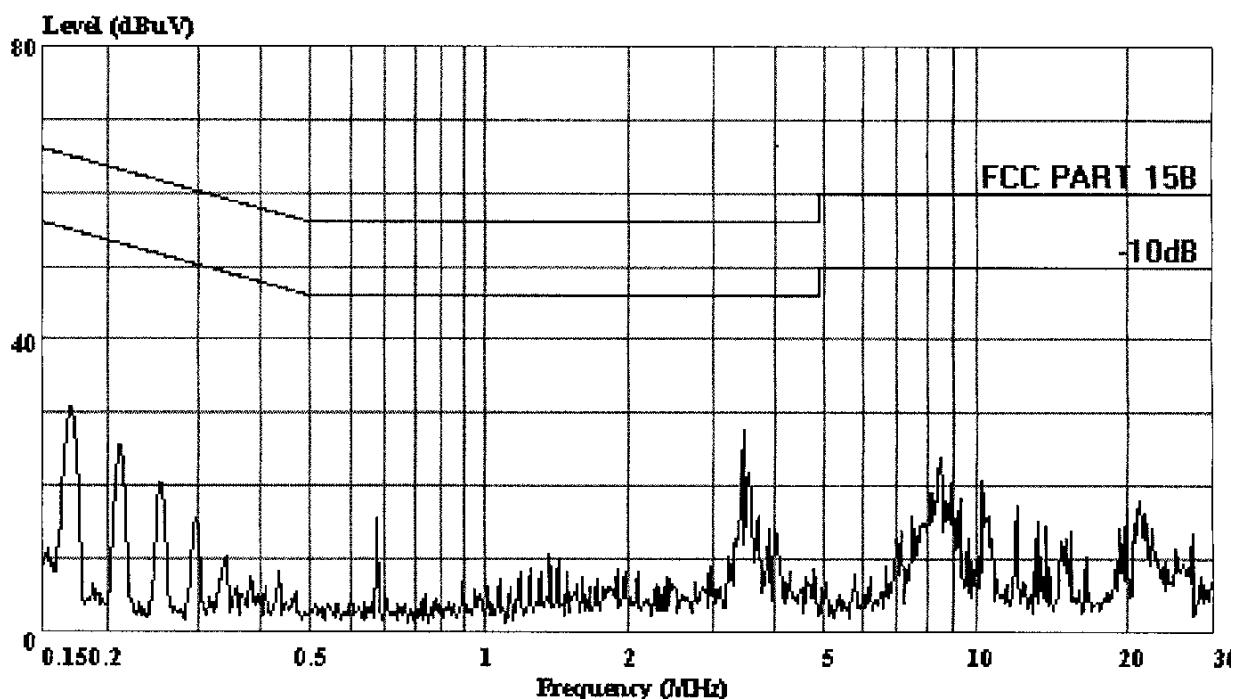
Condition: FCC PART 15B VA(KNW-407)
 EUT: : 2.4GHz A/V TRANSMITTER
 M/N: : XTB-102
 Power: : AC Adaptor Input 120V/60Hz
 Manuf: : ACTION
 OP Cond:: Play With Standard AV Signal
 : Channel: 2CH



Shenzhen Science & Ind Par
Nantou, Guangdong, China
Tel:0755-26639495~7
Fax:0755-26632877

Data#: 236 File#: Action.emi

Date: 2002-09-03 Time: 09:05:41

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)**

Trace:

Ref Trace:

Condition: FCC PART 15B VB (KNW-407)
 EUT: : 2.4GHz A/V TRANSMITTER
 M/N: : XTB-102
 Power: : AC Adaptor Input 120V/60Hz
 Manuf: : ACTION
 OP Cond: Play With Standard AV Signal
 : Channel: 2CH

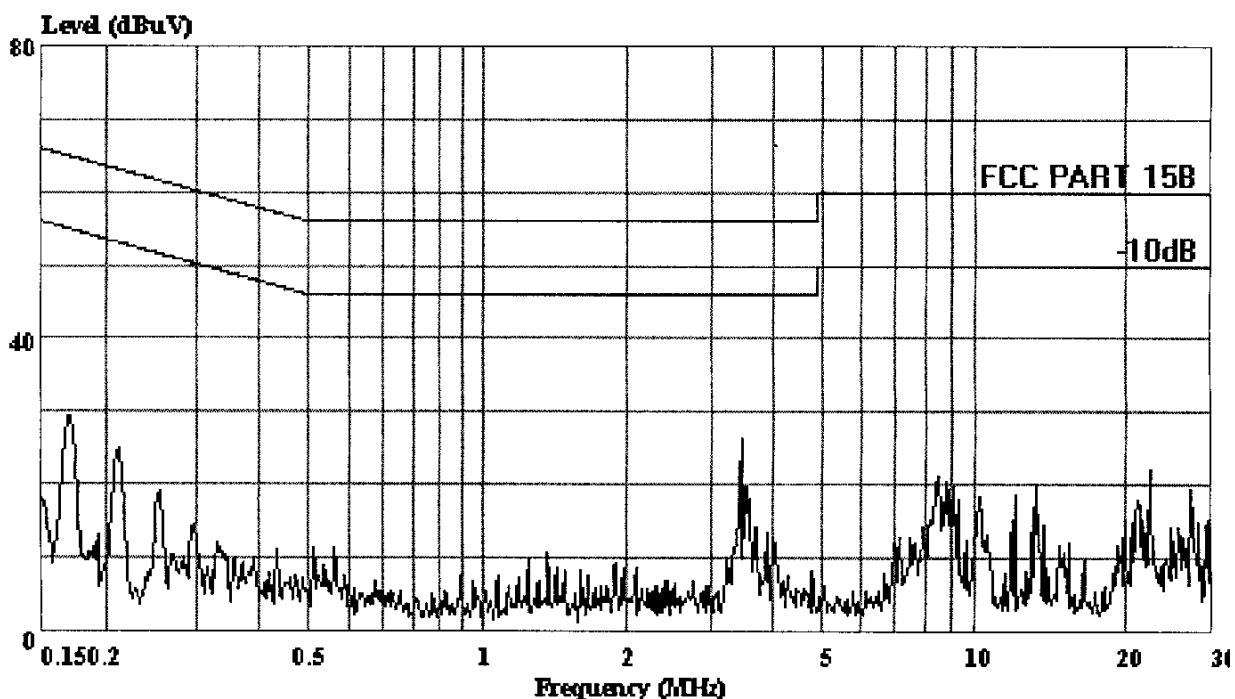


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Par
Nantou, Guangdong, China
Tel: 0755-26639495~7
Fax: 0755-26632877

Data#: 238 File#: Action.emi

Date: 2002-09-03 Time: 09:08:13



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 15B VA (KNW-407)
 EUT: : 2.4GHz A/V TRANSMITTER
 M/N: : XTB-102
 Power: : AC Adaptor Input 120V/60Hz
 Manuf: : ACTION
 OP Cond:: Play With Standard AV Signal
 : Channel: 4CH

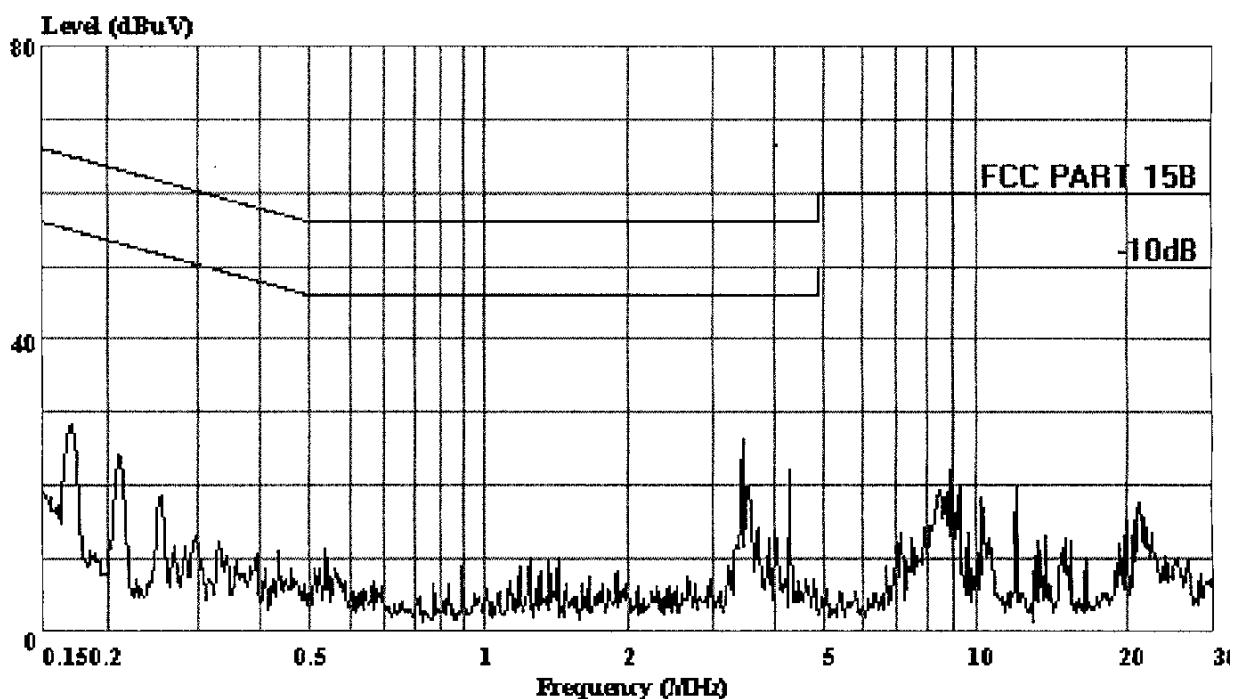


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Par
Nantou, Guangdong, China
Tel: 0755-26639495~7
Fax: 0755-26632877

Data#: 239 File#: Action.emi

Date: 2002-09-03 Time: 09:09:45



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 15B VB (KNW-407)
 EUT: : 2.4GHz A/V TRANSMITTER
 M/N: : XTB-102
 Power: : AC Adaptor Input 120V/60Hz
 Manuf: : ACTION
 OP Cond: Play With Standard AV Signal
 : Channel: 4CH

APPENDIX II

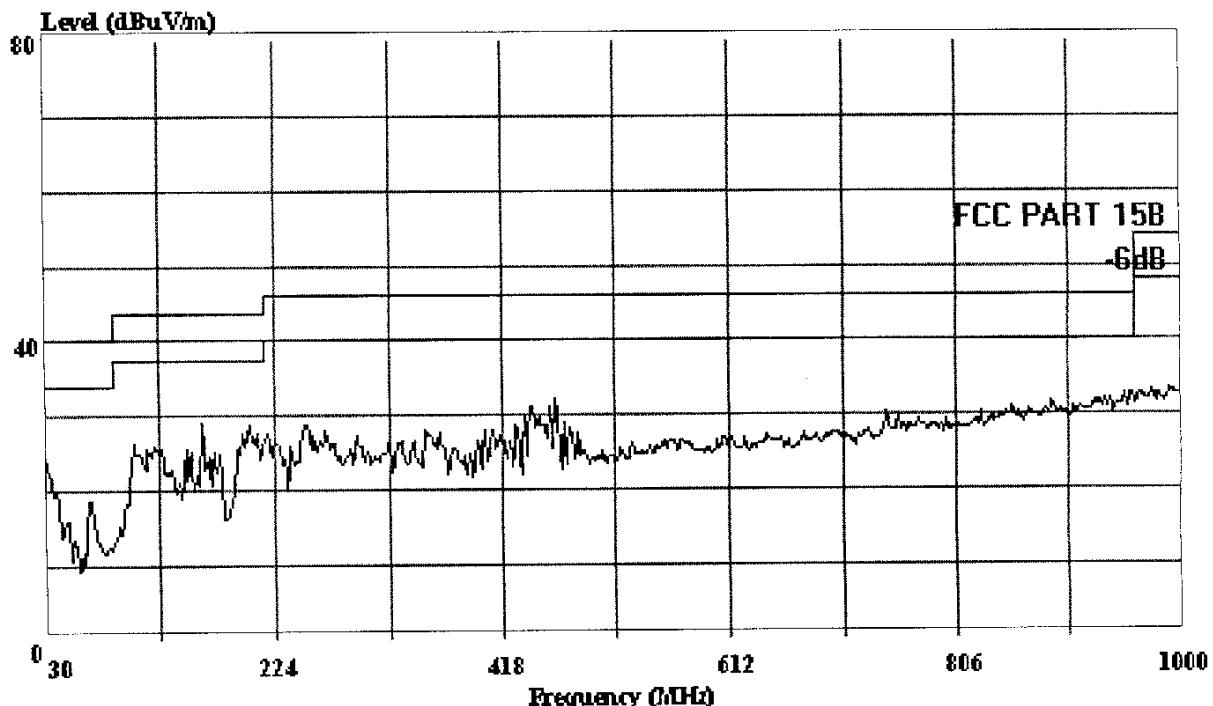


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park
 Tel: 0755-26639495~7
 Fax: 0755-26632877

Data#: 1101 File#: ACTION.emi

Date: 2002-08-26 Time: 11:27:04

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR HORIZONTAL

EUT: : 2.4GHz A/V TRANSMITTER

M/N: : XTB-102

POWER: : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer: Edwarehu

Memo: : Play With Standard AV Signal

: Channel: 1CH

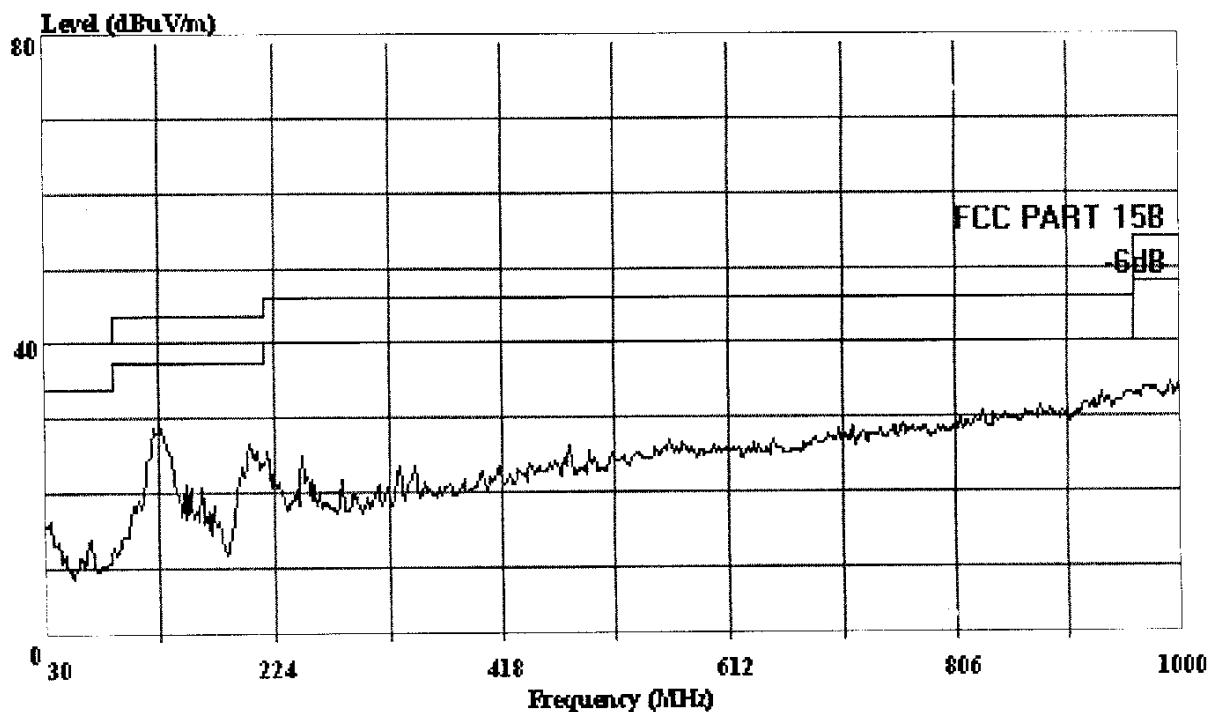


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park
 Tel: 0755-26639495~7
 Fax: 0755-26632877

Data#: 1100 File#: ACTION.emi

Date: 2002-08-26 Time: 11:26:01



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR VERTICAL

EUT: : 2.4GHz A/V TRANSMITTER

M/N: : XTB-102

POWER: : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer: Edwarehu

Memo: : Play With Standard AV Signal

: Channel: 1CH

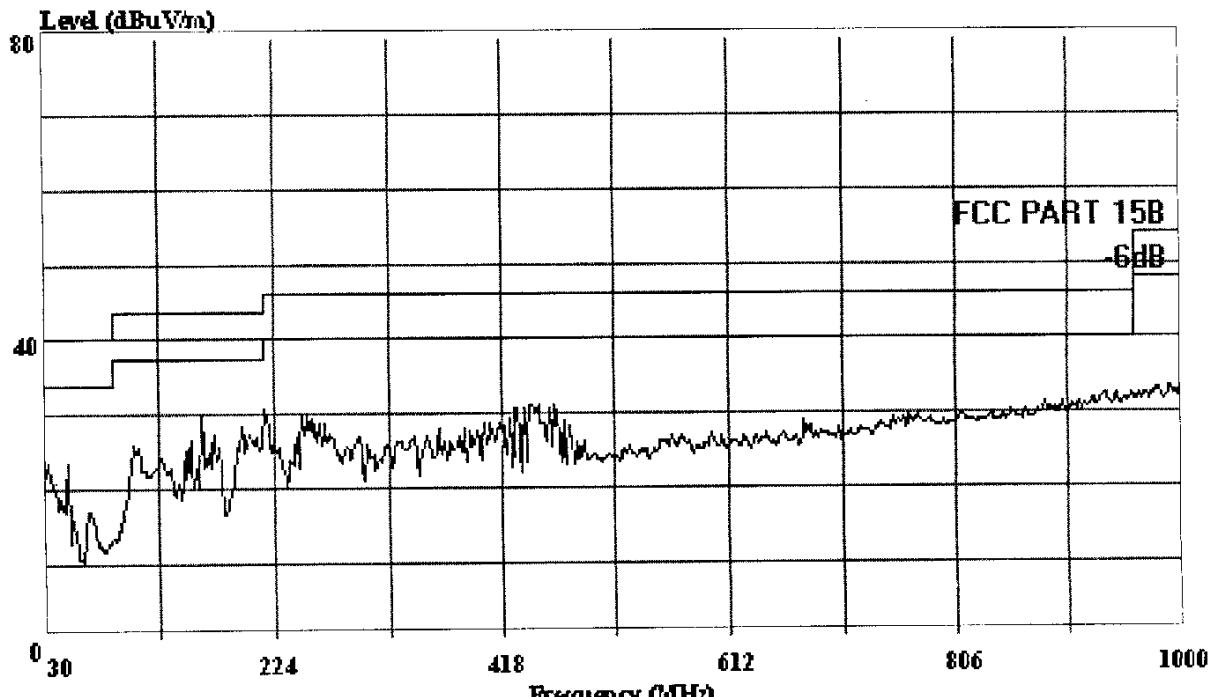


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park
 Tel: 0755-26639495~7
 Fax: 0755-26632877

Data#: 1102 File#: ACTION.emi

Date: 2002-08-26 Time: 11:28:11



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2.598FACTOR HORIZONTAL

EUT: : 2.4GHz A/V TRANSMITTER

M/N: : XTB-102

POWER: : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer:: Edwarehu

Memo: : Play With Standard AV Signal

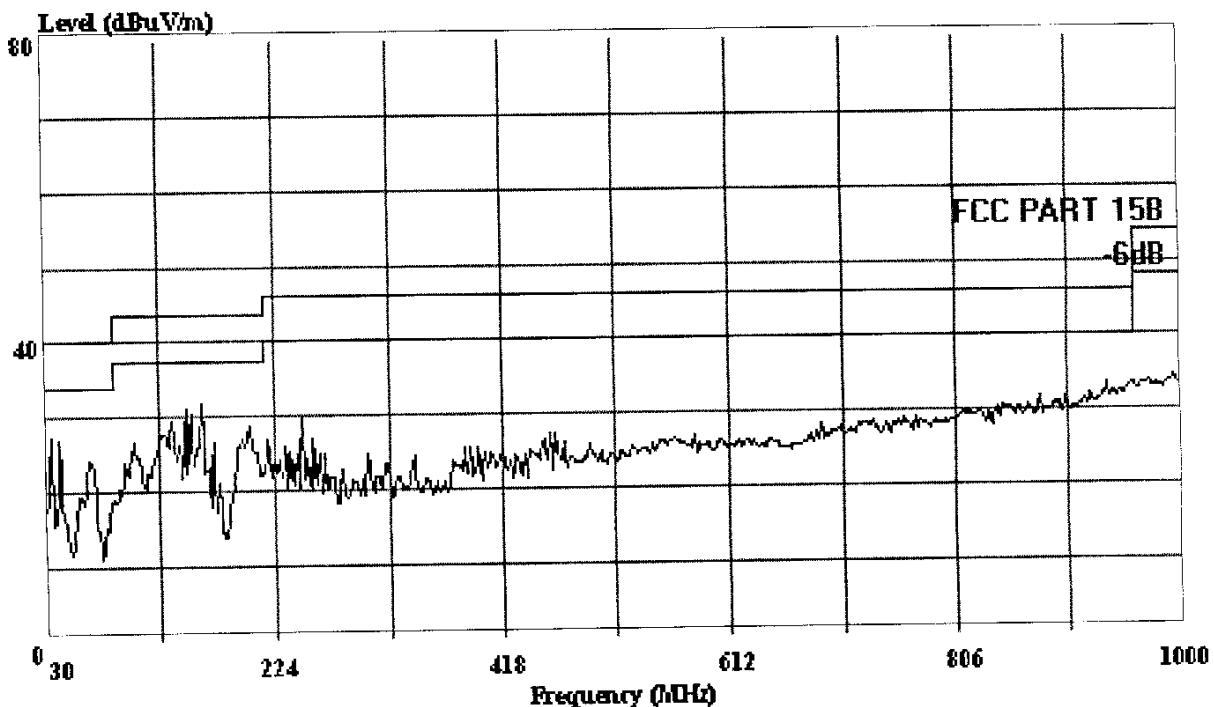
: Channel: 2CH



Shenzhen Science & Ind. Park
Tel: 0755-26639495~7
Fax: 0755-26632877

Data#: 1103 File#: ACTION.emi

Date: 2002-08-26 Time: 11:29:11

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598 FACTOR VERTICAL

EUT: : 2.4GHz A/V TRANSMITTER

M/N: : XTB-102

POWER: : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer: Edwarehu

Memo: : Play With Standard AV Signal

: Channel: 2CH

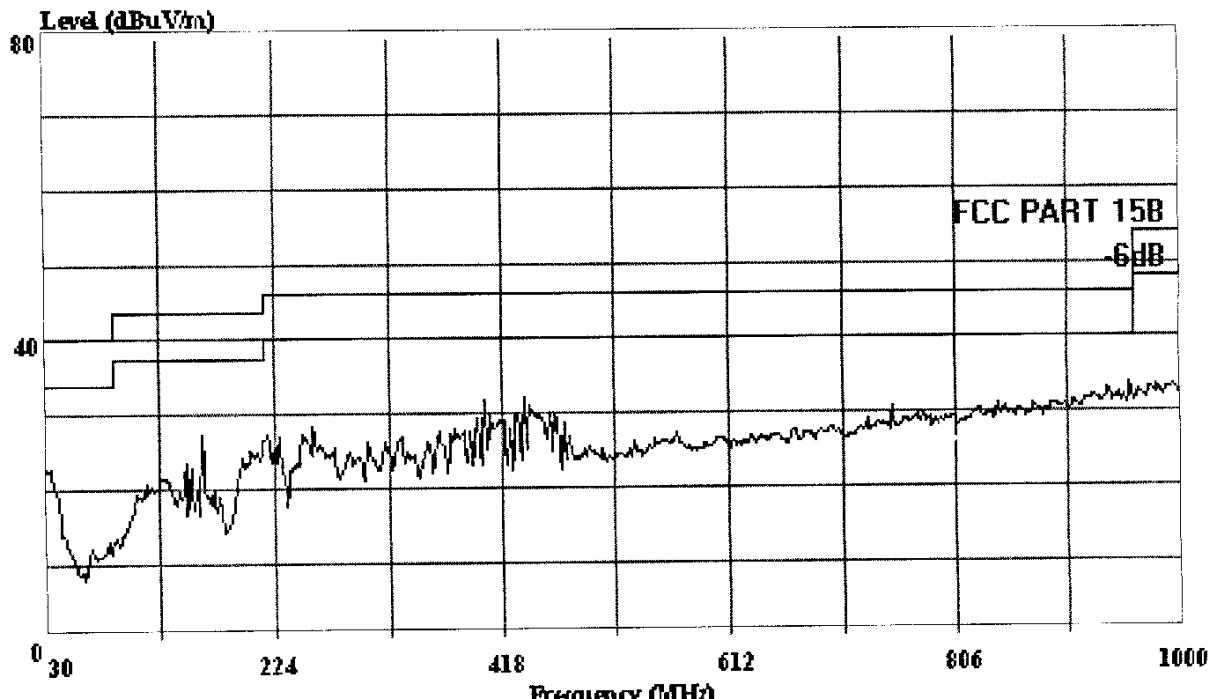


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Shenzhen Science & Ind. Park
 Tel: 0755-26639495~7
 Fax: 0755-26632877

Data#: 1106 File#: ACTION.emi

Date: 2002-08-26 Time: 11:33:23

**AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)**

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR HORIZONTAL

EUT: : 2.4GHz A/V TRANSMITTER

M/N: : XTB-102

POWER: : AC Adaptor Input 120V/60Hz DC 6.3V

Test Engineer: Edwarehu

Memo: : Play With Standard AV Signal

: Channel: 4CH

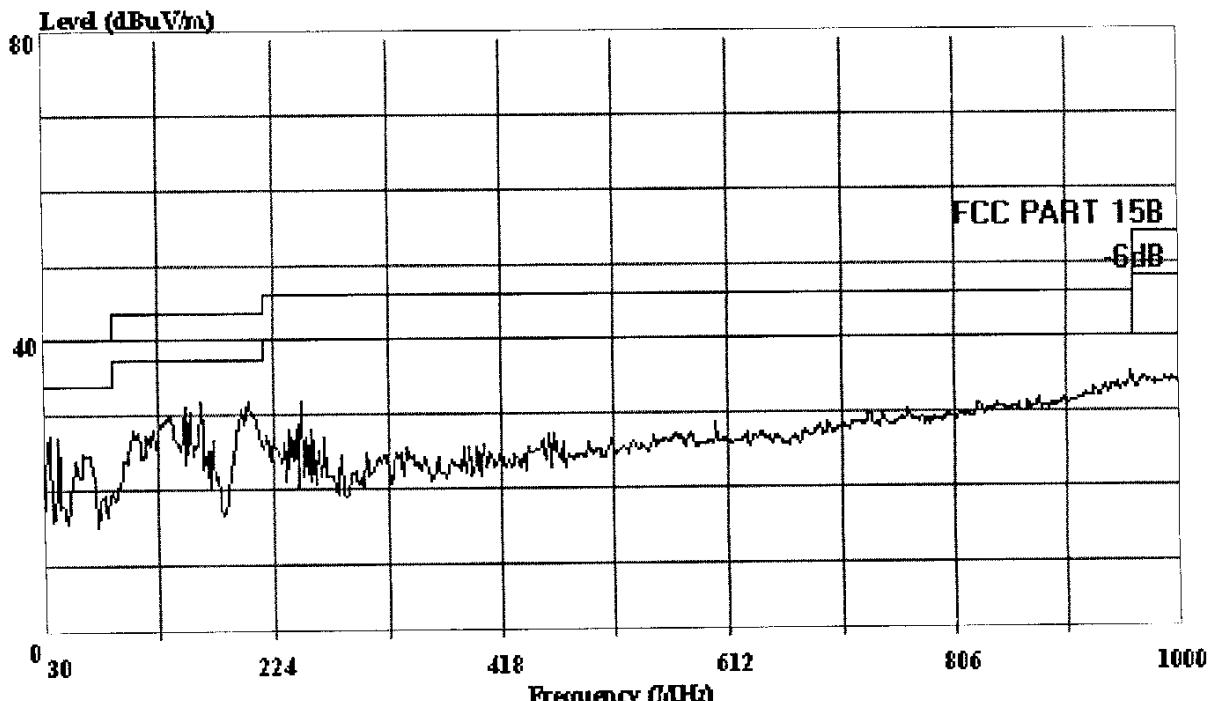


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park
 Tel: 0755-26639495~7
 Fax: 0755-26632877

Data#: 1104 File#: ACTION.emi

Date: 2002-08-26 Time: 11:30:25



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR VERTICAL
 EUT: : 2.4GHz A/V TRANSMITTER
 M/N: : XTB-102
 POWER: : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer: : Edwarehu
 Memo: : Play With Standard AV Signal
 : Channel: 4CH

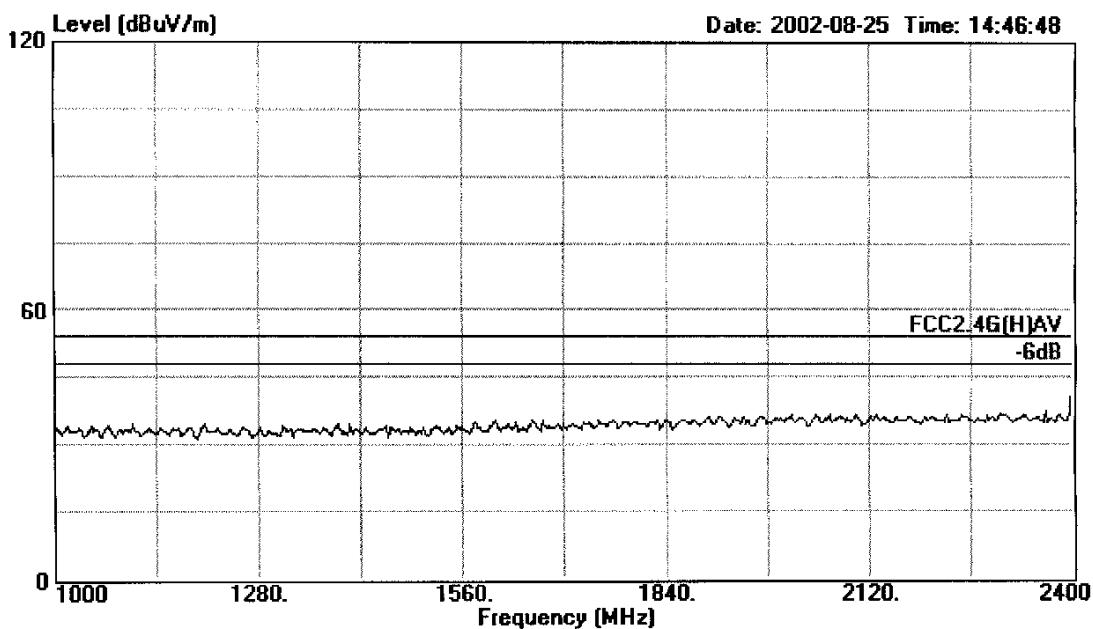


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Data#: 1 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

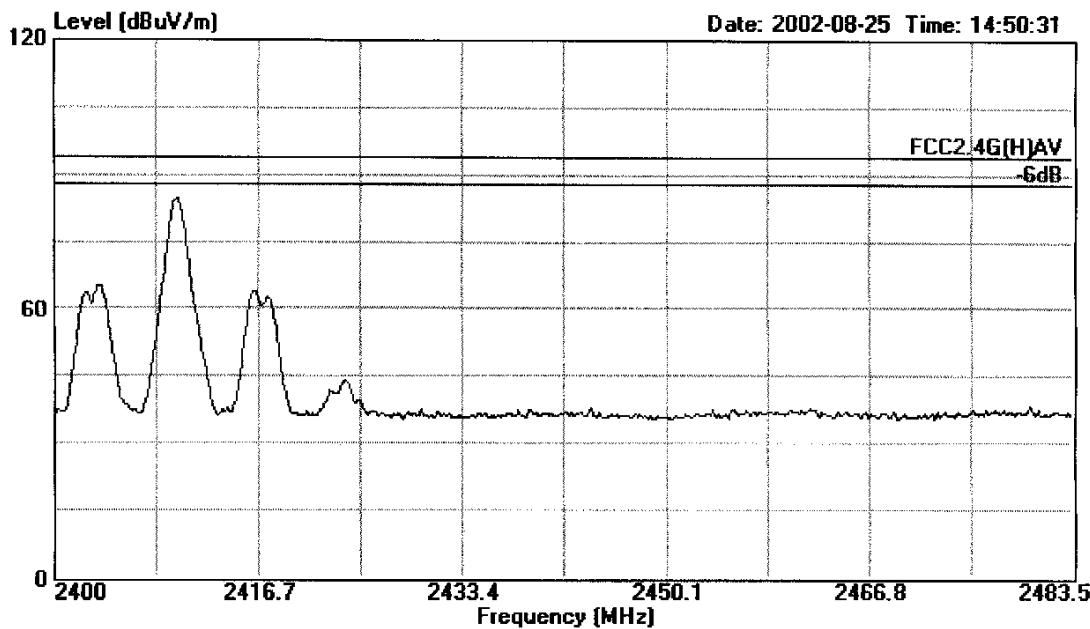


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Data#: 2 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

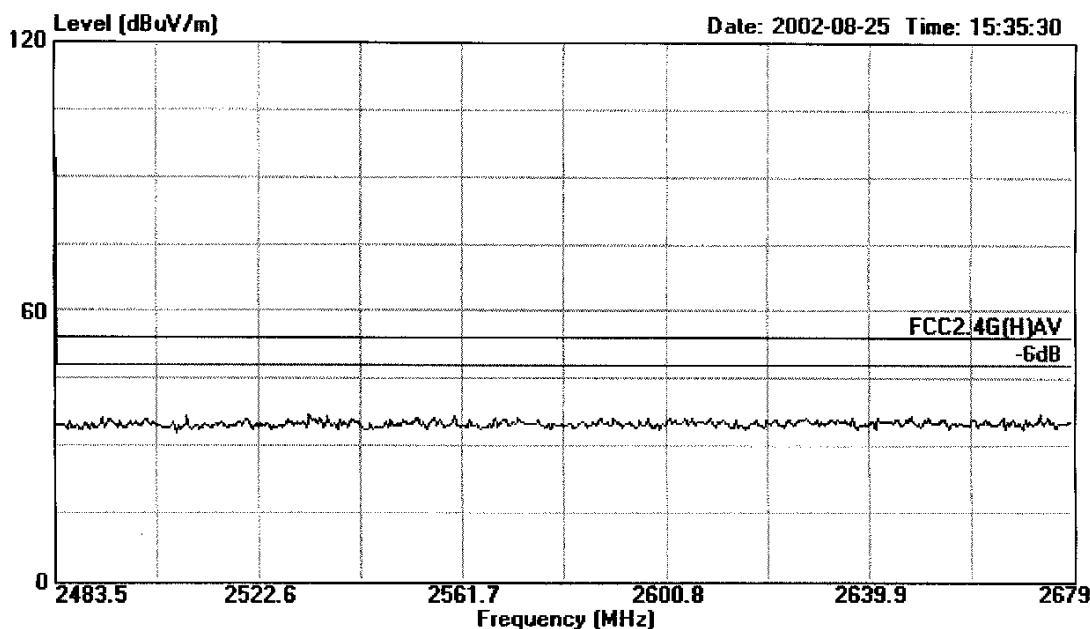


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acsadmin@

Data#: 8 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

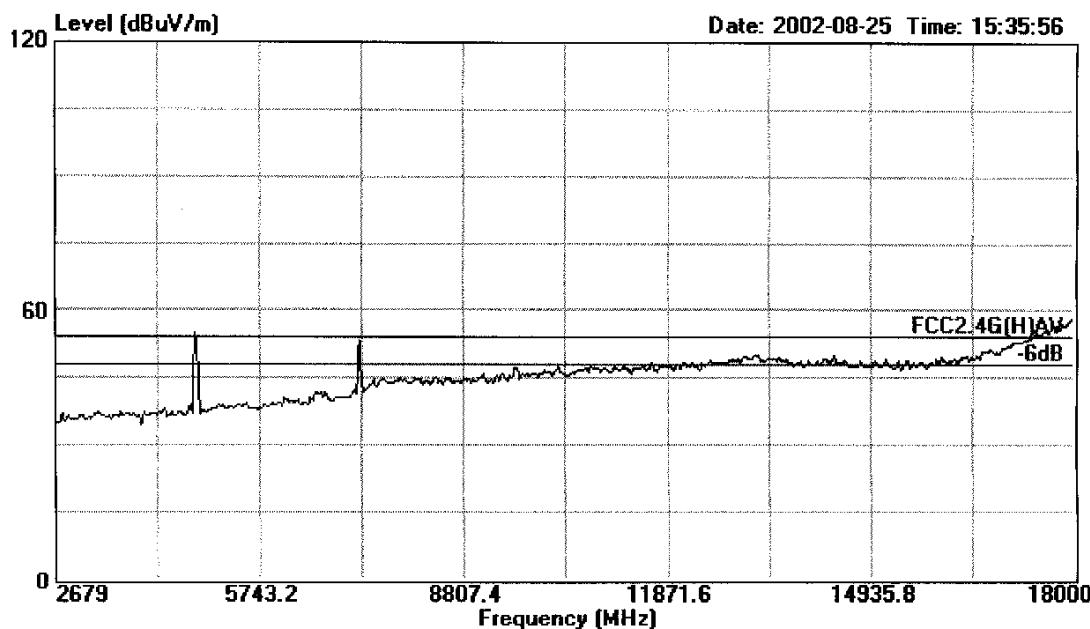


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acsadmin@

Data#: 9 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

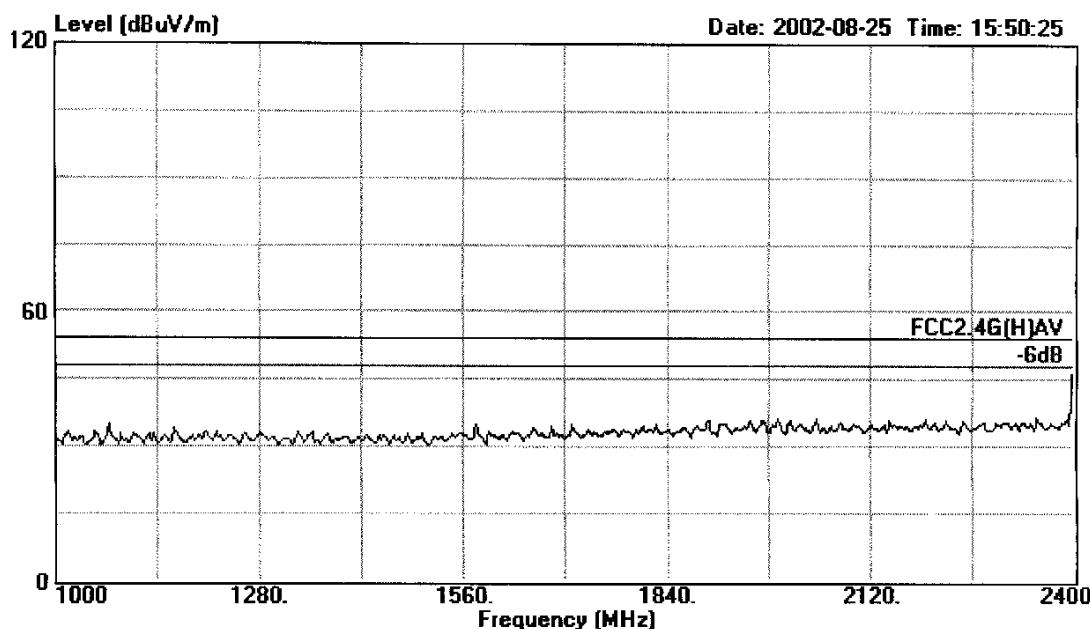


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Nantou, Shenzhen, Guangdong, China
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Data#: 15 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

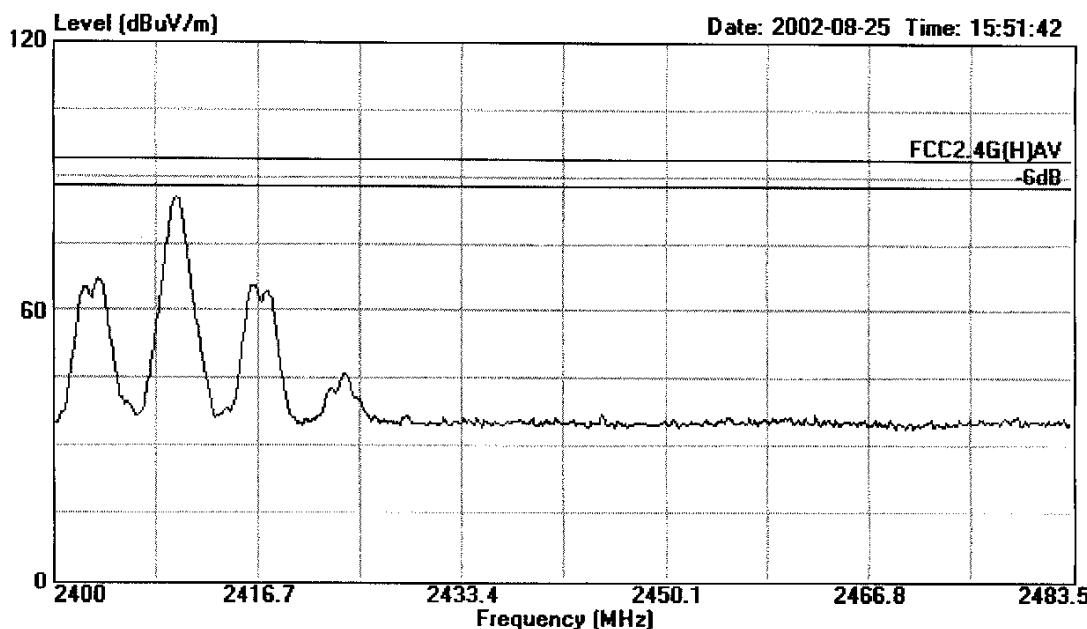


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Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

Data#: 18 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

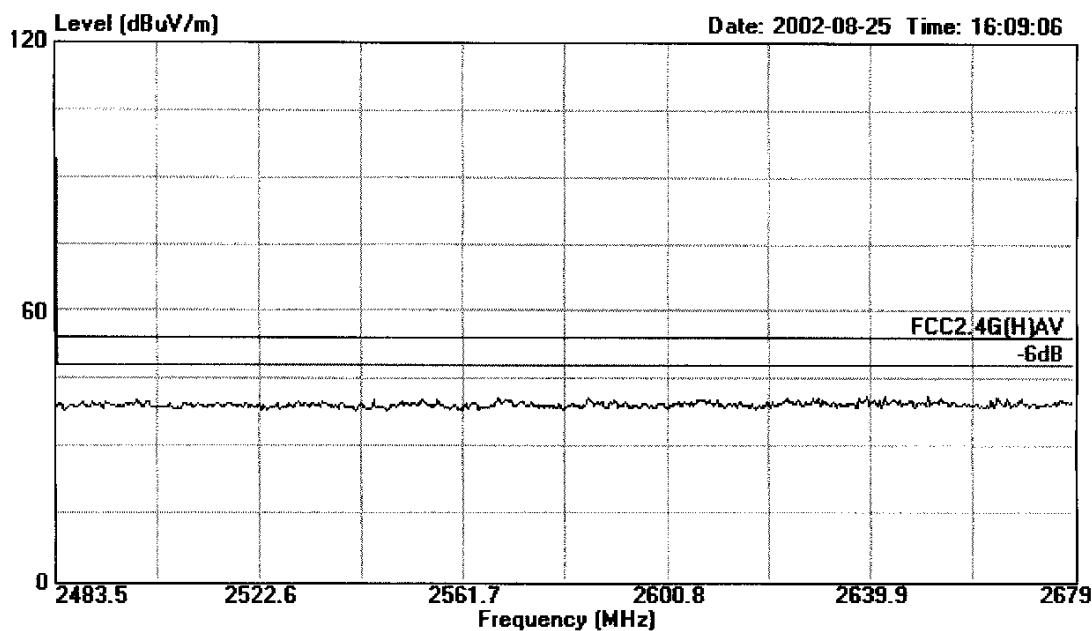


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Nantou, Shenzhen, Guangdong, China
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acsadmin@

Data#: 23 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

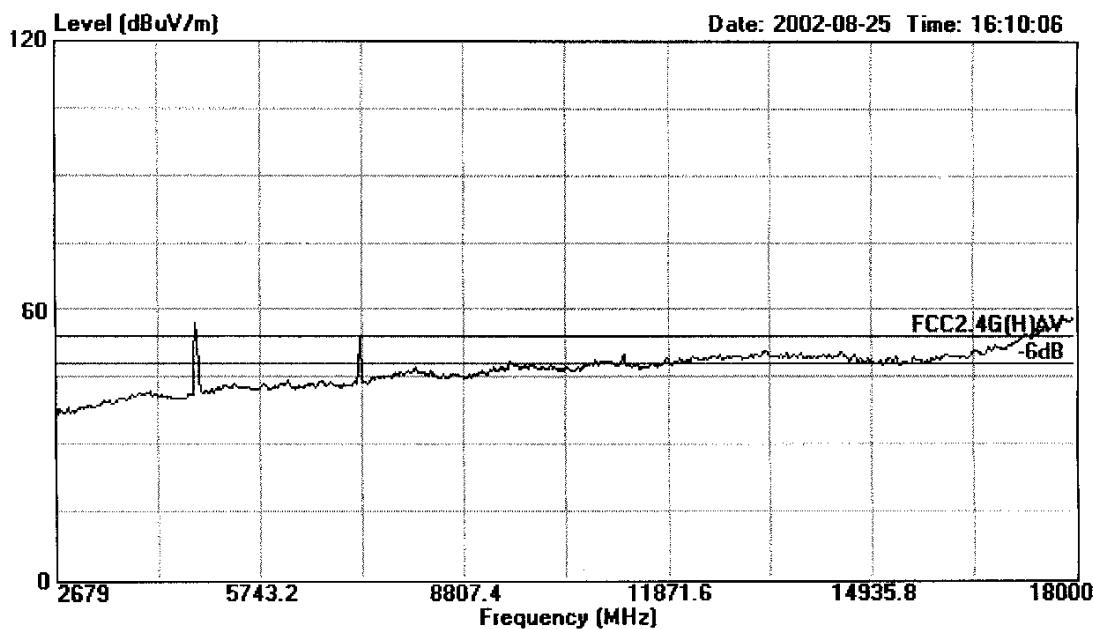


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acsadmin@

Data#: 25 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 1CH

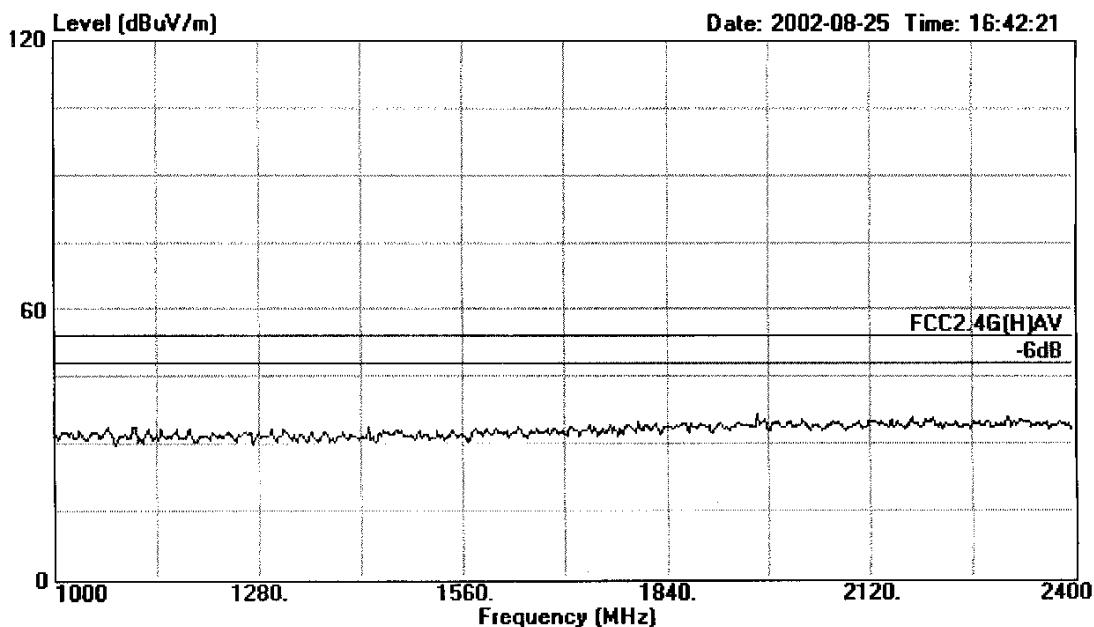


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Data#: 43 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

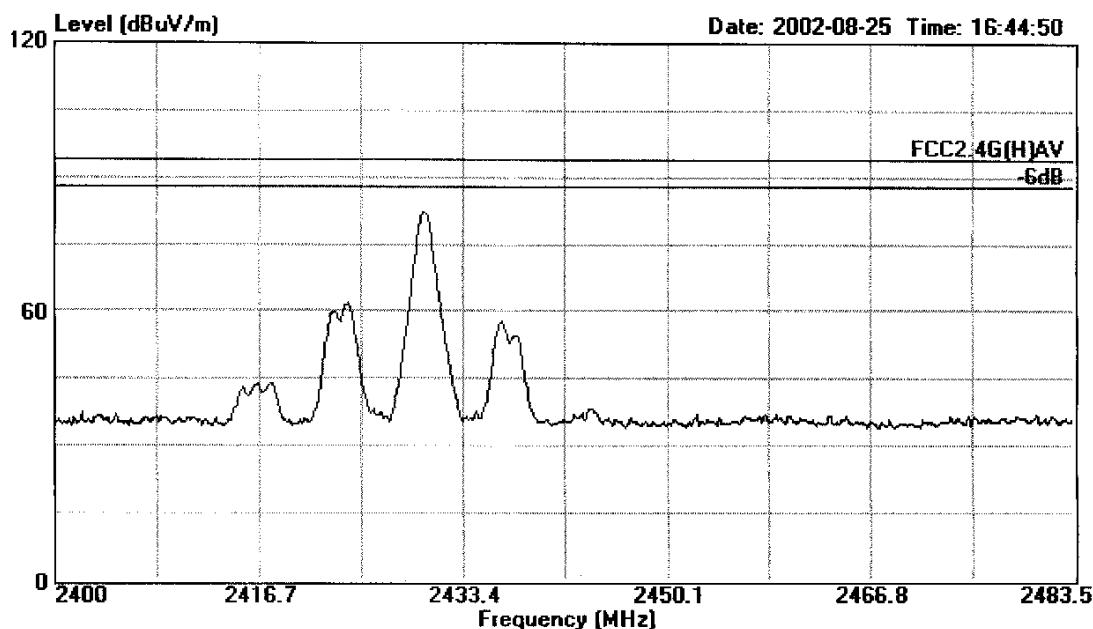


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Data#: 45 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

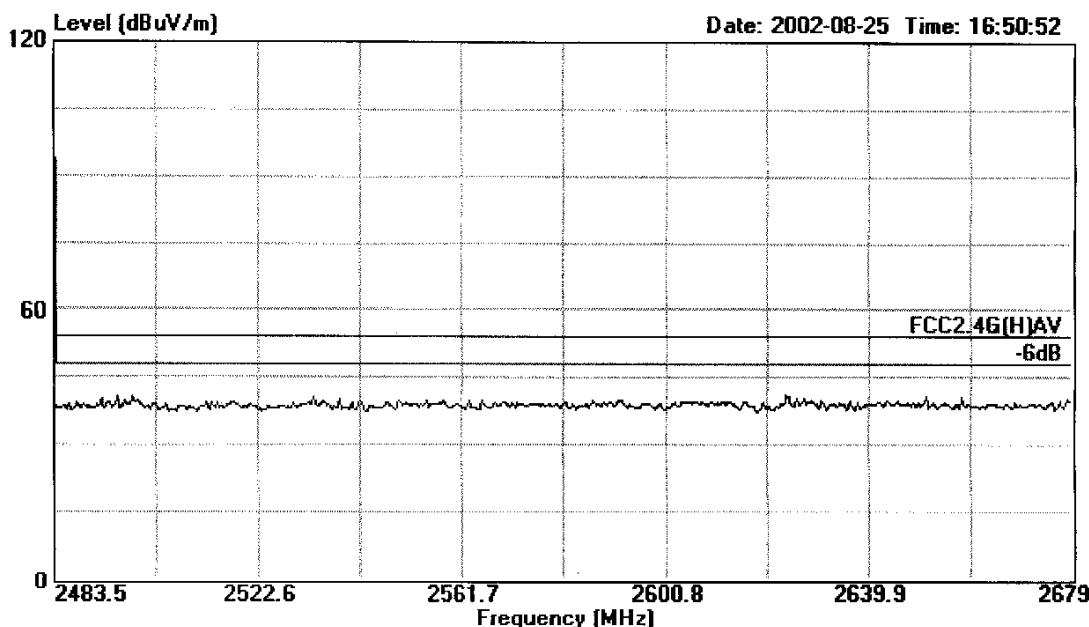


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Data#: 50 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

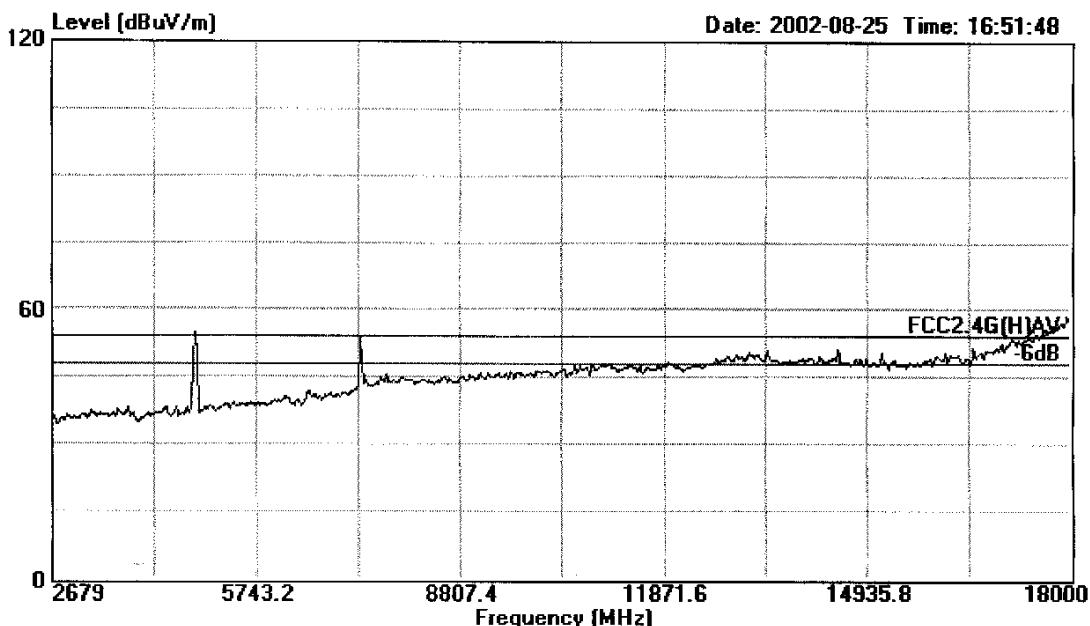


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Data#: 52 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

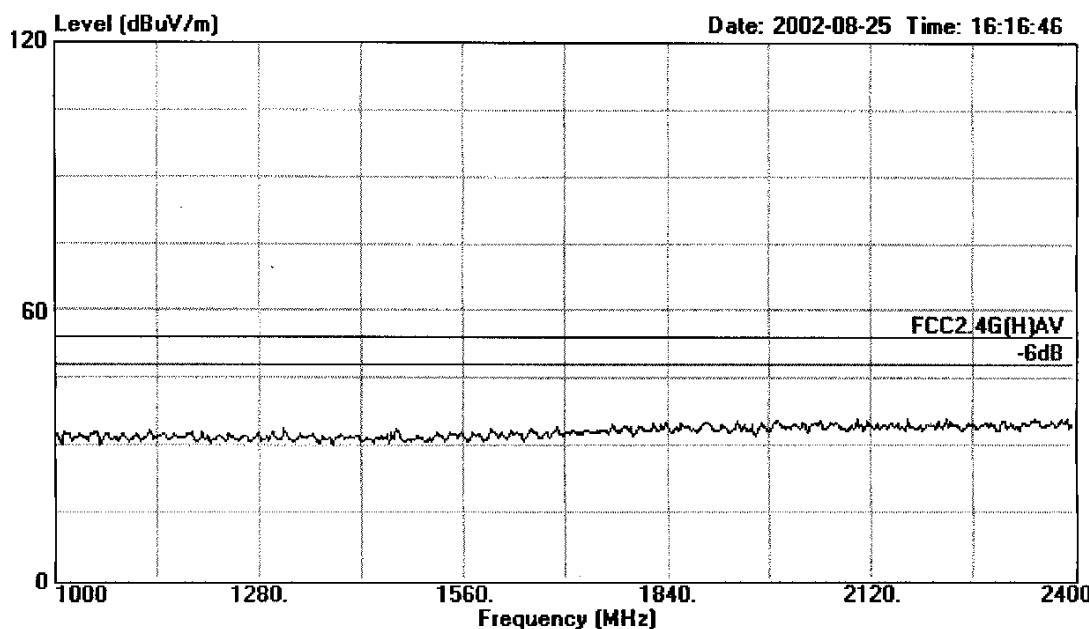


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Data#: 29 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

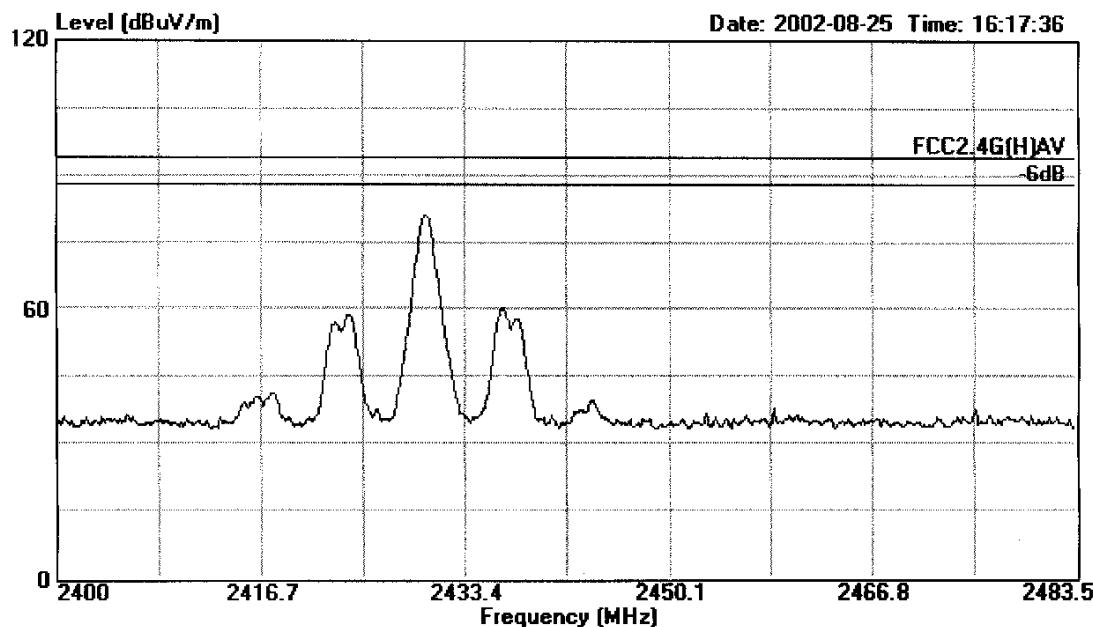


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Data#: 31 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

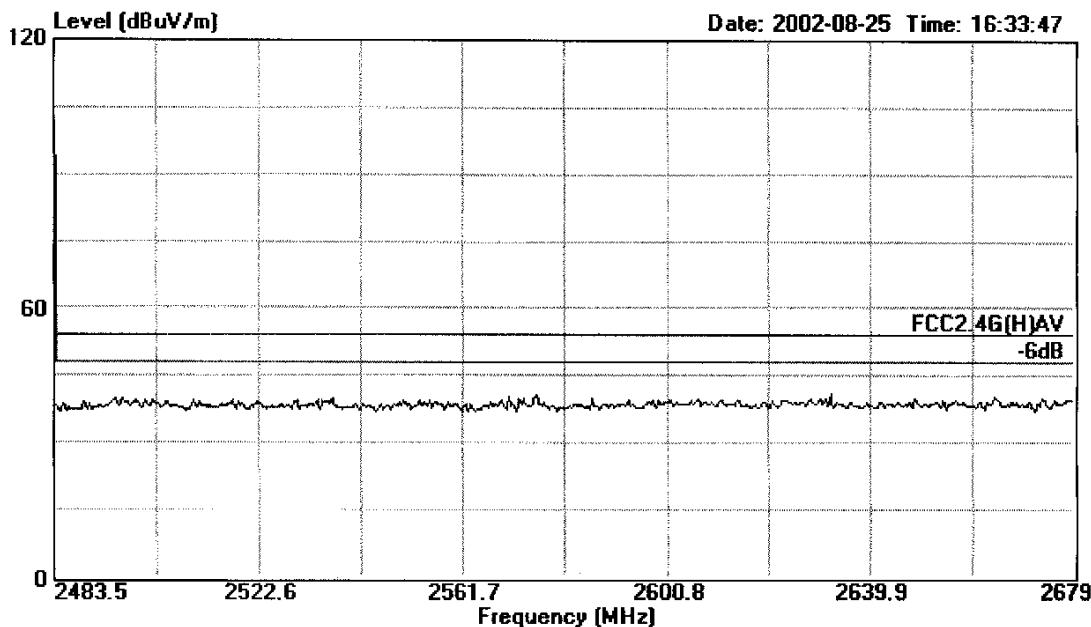


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Data#: 37 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

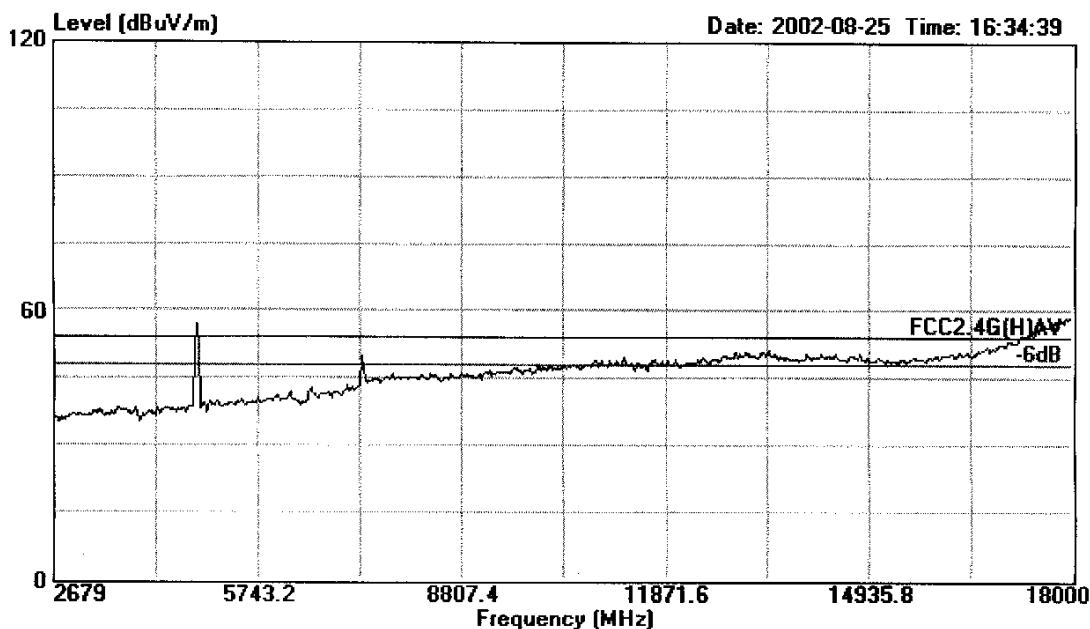


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Data#: 40 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H)AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 2CH

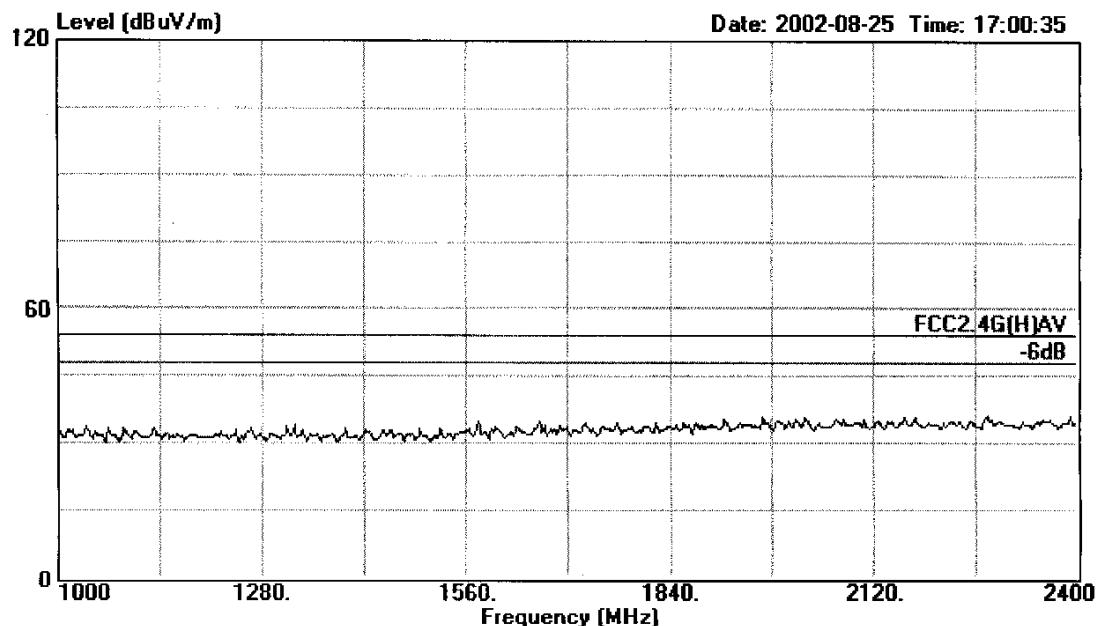


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Data#: 57 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTE-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

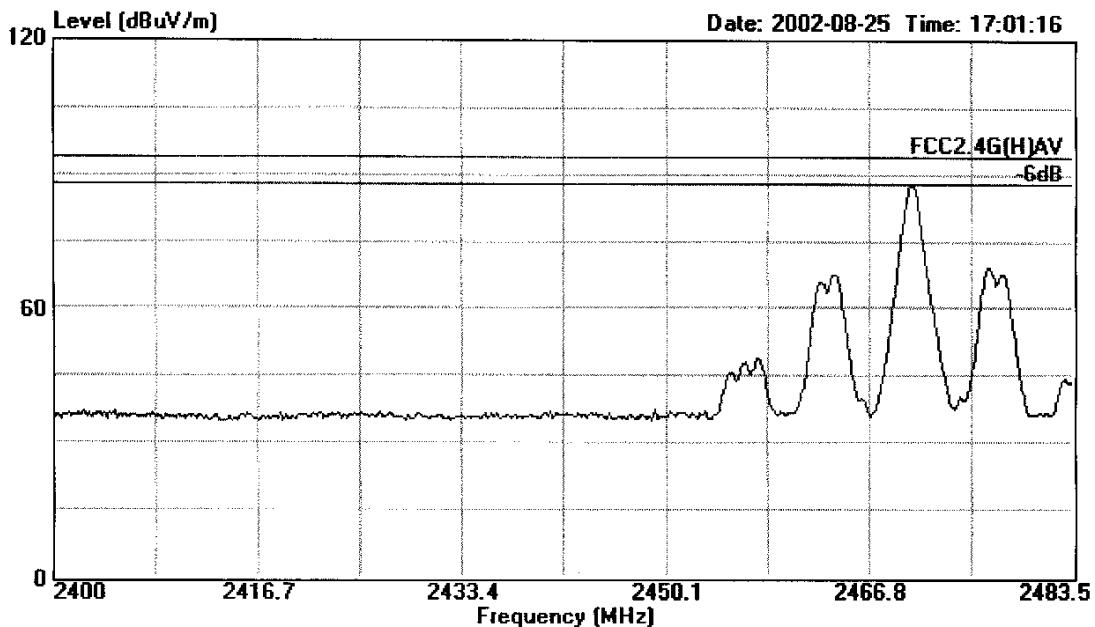


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Data#: 59 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

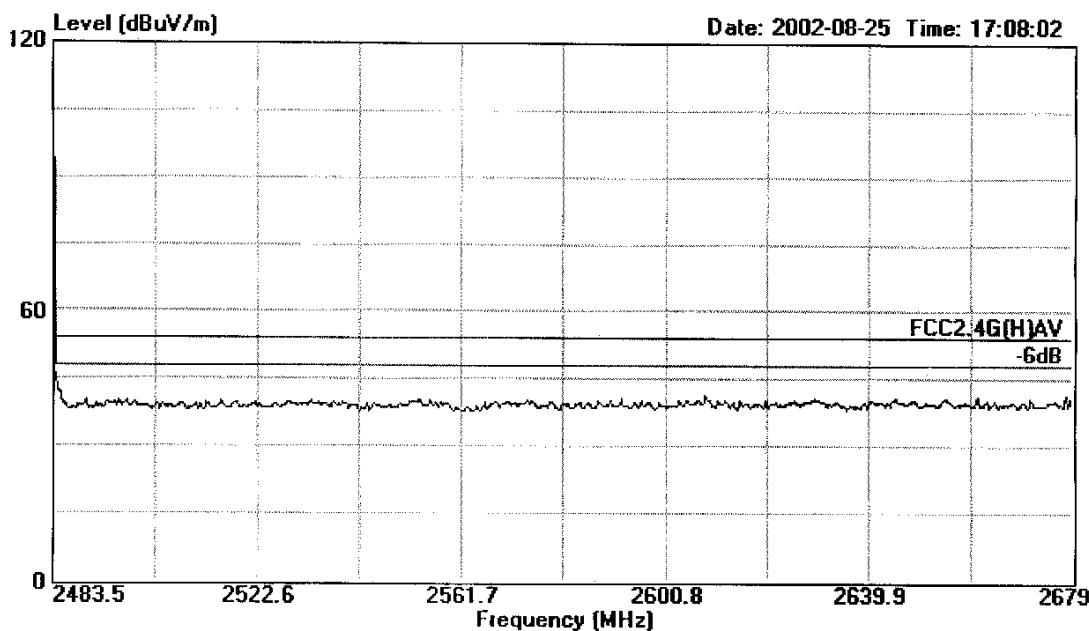


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Data#: 65 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

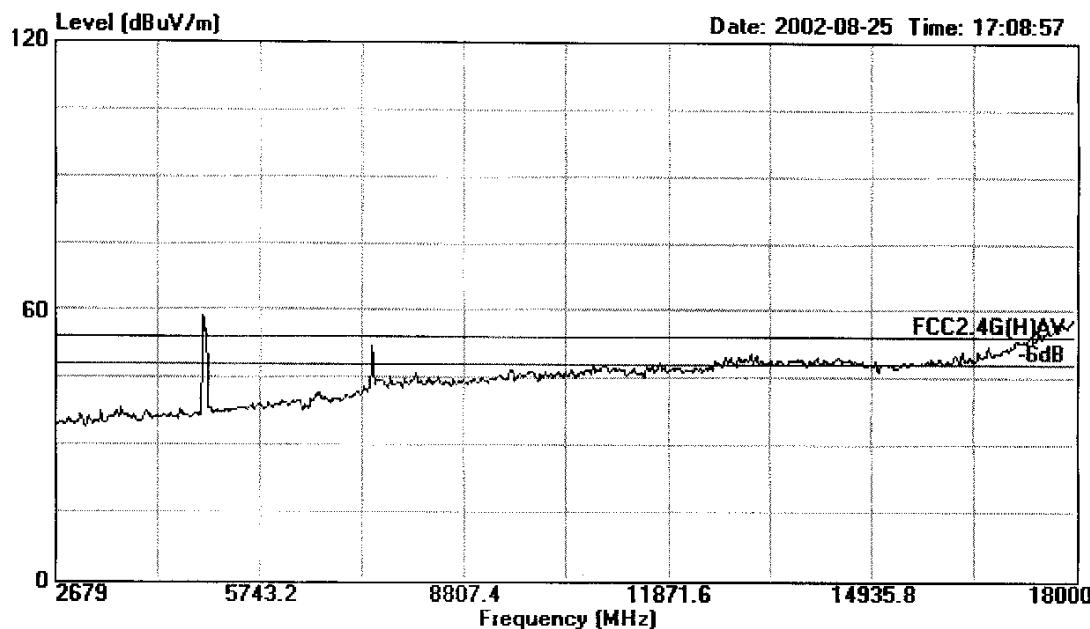


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Data#: 67 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR HORIZONTAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

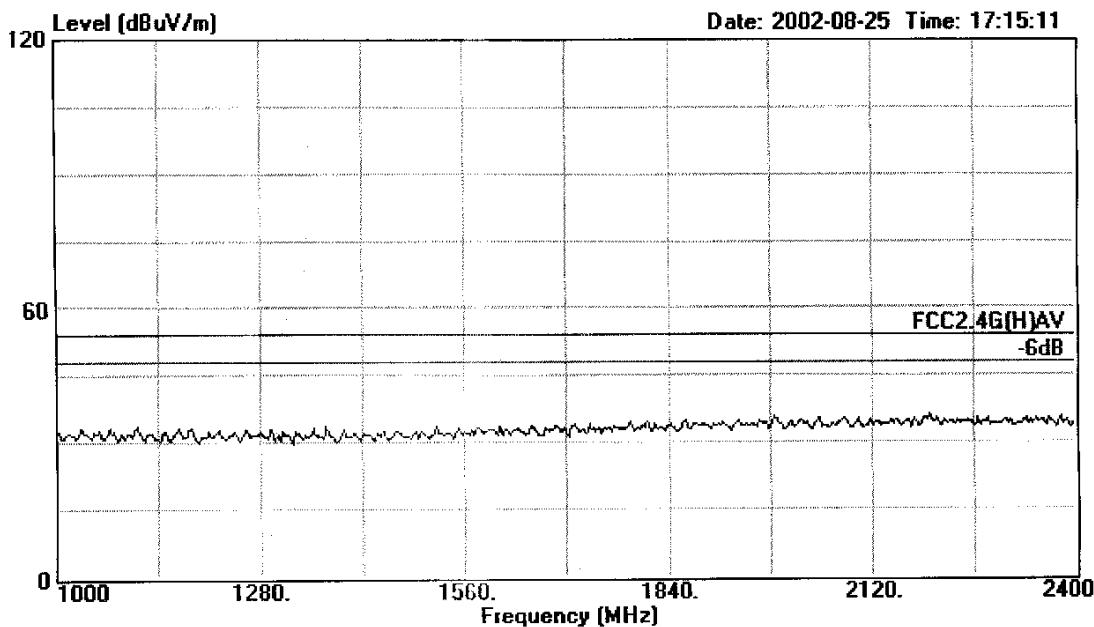


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Data#: 72 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

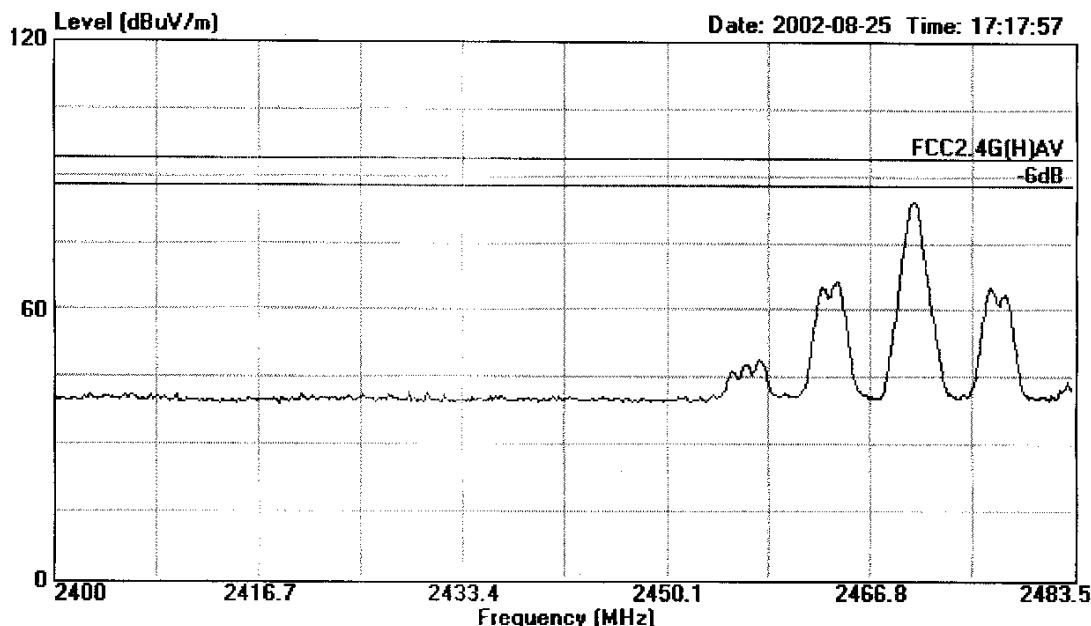


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Data#: 73 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

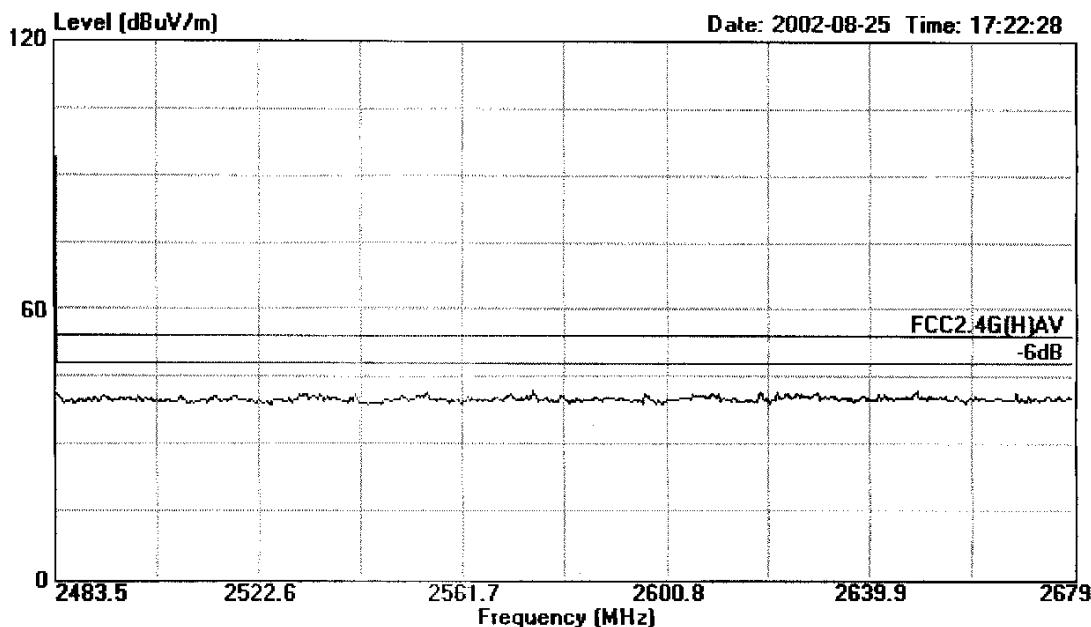


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Data#: 80 File#: C:\EMI TEST DATA\A\Action.EMI



Site : 1# Chamber
Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
EUT : 2.4GHz A/V TRANSMITTER
M/N : XTB-102
Power : AC Adaptor Input 120V/60Hz DC 6.3V
Test Engineer : Edwarehu
Memo : Play With Standard AV Signal
 : Channel: 4CH

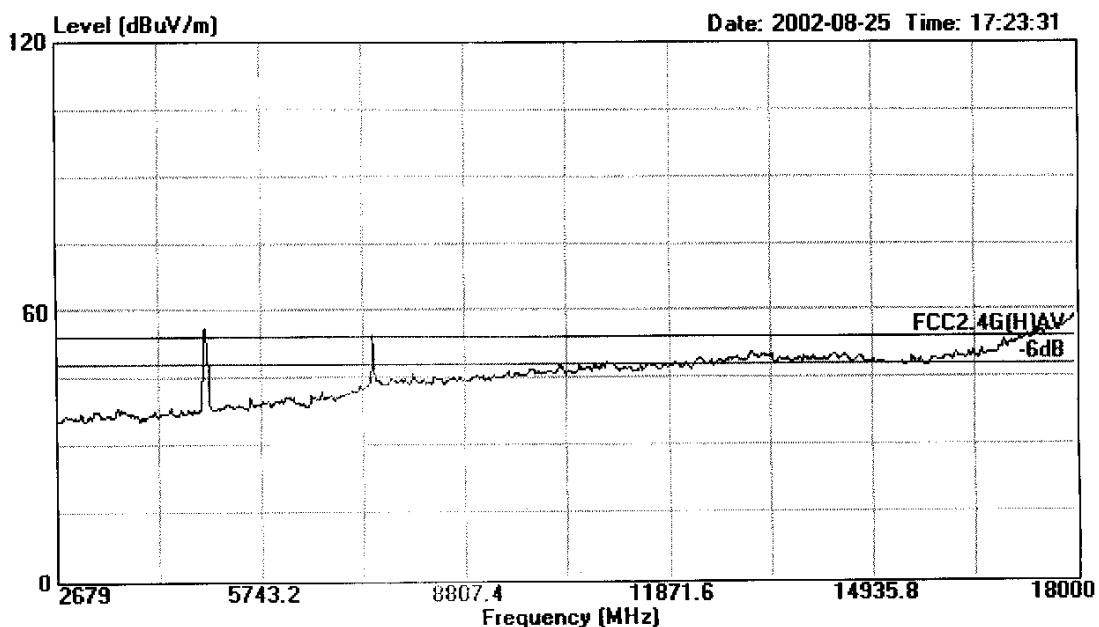


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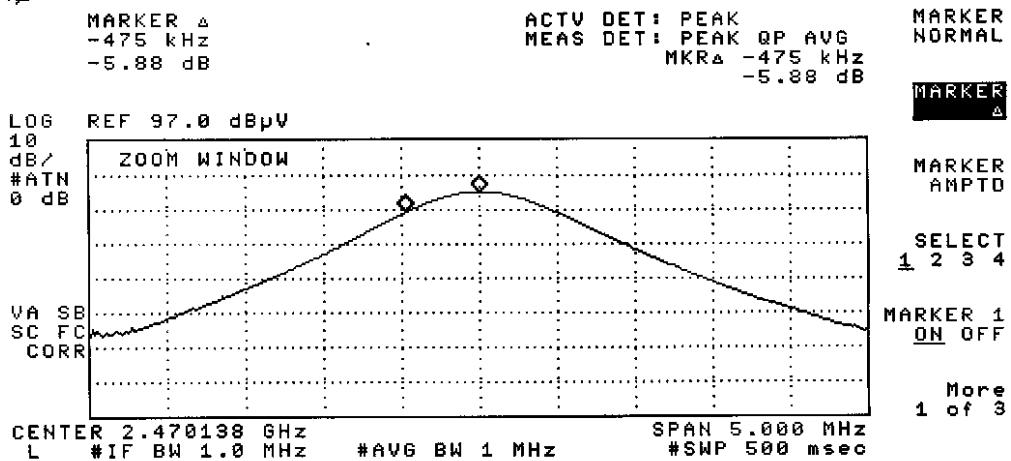
Data#: 81 File#: C:\EMI TEST DATA\A\Action.EMI



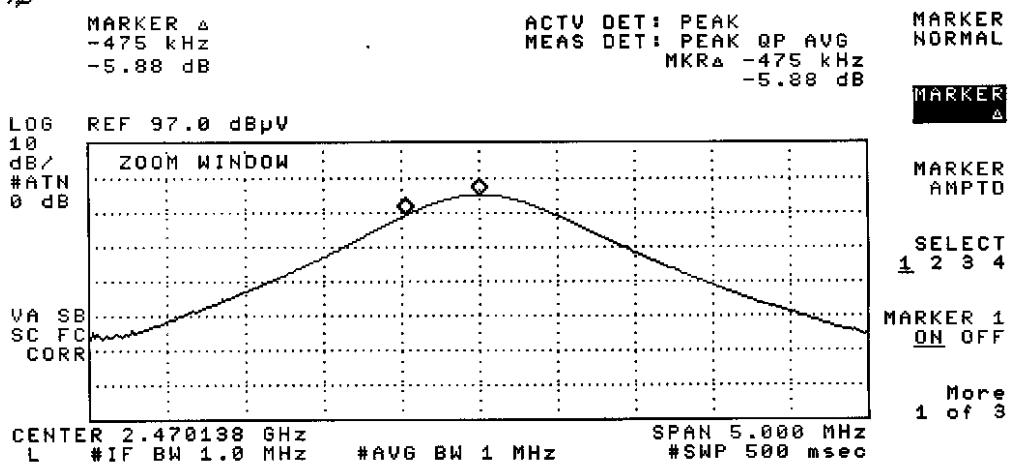
Site : 1# Chamber
 Condition : FCC2.4G(H) AV 3m 3115FACTOR VERTICAL
 EUT : 2.4GHz A/V TRANSMITTER
 M/N : XTB-102
 Power : AC Adaptor Input 120V/60Hz DC 6.3V
 Test Engineer : Edwarehu
 Memo : Play With Standard AV Signal
 : Channel: 4CH

APPENDIX III

10:49:12 AUG 26, 2002



10:49:12 AUG 26, 2002

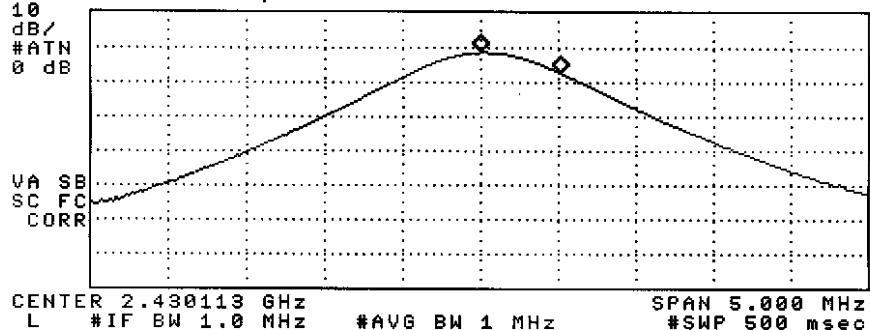


10:44:43 AUG 26, 2002

MARKER Δ
513 kHz
-5.88 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA 513 kHz
-5.88 dB

MARKER
NORMAL

LOG REF 97.0 dB μ V

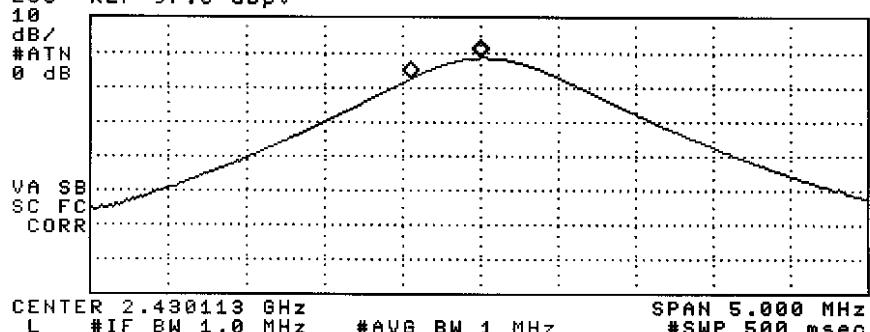
CENTER 2.430113 GHz SPAN 5.000 MHz
L #IF BW 1.0 MHz #AVG BW 1 MHz #SWP 500 msec

10:45:16 AUG 26, 2002

MARKER Δ
-450 kHz
-5.85 dB

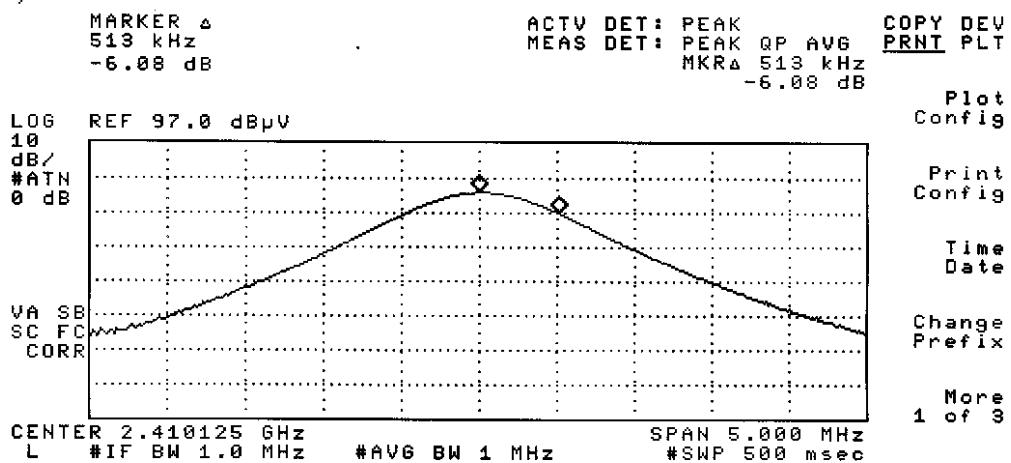
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKRA -450 kHz
-5.85 dB

MARKER
NORMAL

LOG REF 97.0 dB μ V

CENTER 2.430113 GHz SPAN 5.000 MHz
L #IF BW 1.0 MHz #AVG BW 1 MHz #SWP 500 msec

10:42:18 AUG 26, 2002



10:42:55 AUG 26, 2002

