

APPLICATION FOR CERTIFICATION
On Behalf of
ShenZhen Action Electronics Co., Ltd.
2.4GHz Wireless Camera

Model : XMC-151(ACN-3560C)

Prepared for : ShenZhen Action Electronics Co., Ltd.
2nd Ind. District of China Zhonghe Group,
BaiShiZhou, ShaHe, ShenZhen, China

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6 Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

Tel: (0755)6639496

Report Number : ACS-F01191
Date of Test : Nov.12~Dec.01, 2001
Date of Report : Dec.14, 2001

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TEST REPORT CERTIFICATION

Applicant : ShenZhen Action Electronics Co., Ltd.
 Manufacturer : ShenZhen Action Electronics Co., Ltd.
 EUT Description : 2.4GHz Wireless Camera
 (A) MODEL NO : XMC-151(ACN-3560C)
 (B) POWER SUPPLY : DC 12V

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B December 2001 & ANSI C63.4-1992

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 both radiated and conducted emissions. The measurement results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the 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 : Nov.12~Dec.01, 2001

Prepared by : Sunny Sang
Sunny Sang / Assistant

Reviewer : Lake Wang
Lake Wang / Supervisor

For and on behalf of
AUDIX TECHNOLOGY (SHENZHEN) CO.,LTD.

Approved & Authorized Signer : Alex Deng
Alex Deng / Assistant Manager

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : 2.4GHz Wireless Camera

Model Number : XMC-151(ACN-3560C)

AC/DC Adaptor : M/N:28-D06-200
Input:120V 60Hz 3W
Output:DC6V 200mA

Applicant : ShenZhen Action Electronics Co., Ltd.
2nd Ind. District of China Zhonghe Group
BaiShiZhou, ShenZhen, China

Manufacturer : ShenZhen Action Electronics Co., Ltd.
2nd Ind. District of China Zhonghe Group
BaiShiZhou, ShenZhen, China

Date of Test : Nov.12~Dec.01, 2001

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
EMC Lab. :	Certificated by VCCI, Japan Oct. 29, 1998
	certificated by DATech, German Feb. 02, 1999
	Certificated by NVLAP, USA NVLAP Code: 200372-0
	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. Measurement Uncertainty

Conduction Uncertainty	=	±2.66dB
Radiation Uncertainty	=	±4.26dB

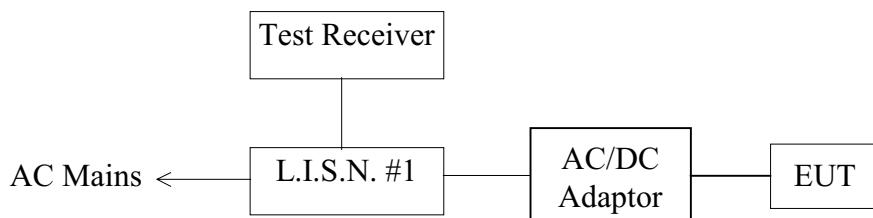
2. POWER LINE CONDUCTED MEASUREMENT

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	ESHS20	836600/006	Jun. 03, 01	1 Year
2.	L.I.S.N. #1	Kyoritsu	KNW-407	8-541-4	Jun. 03, 01	1 Year
3.	Terminator	EMCO	50Ω	No. 1	Jun. 03, 01	1 Year
4.	Terminator	EMCO	50Ω	No. 2	Jun. 03, 01	1 Year
5.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	Aug. 26, 01	1/2 Year
6.	Coaxial Switch	Anritsu	MP59B	M73989	Dec.01, 01	1/2 Year

2.2. Block Diagram of Test Setup



(EUT: 2.4GHz Wireless Camera)

2.3. Power Line Conducted Emission Limit

Frequency MHz	Maximum RF Line Voltage	
	µV	dB(µV)
0.45 ~ 30	250	48

Remarks: RF LINE VOLTAGE (dB(µV)) = 20 log RF LINE VOLTAGE (µV)

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 Wireless Camera (EUT)

Model Number	:	XMC-151(ACN-3560C)
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 (ON) 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 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 FCC part 15 B.

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

The frequency range from 450KHz 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 450KHz to 30 MHz is investigated. All emissions not reported below are too low against the prescribed limits.

As the peak value is too low against the limit, So the Quasi-Peak value and average value have been omitted. The scanning waveforms are put in Appendix I.

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

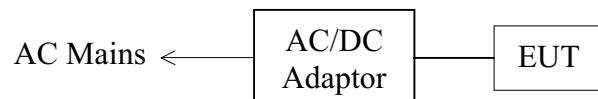
The following test equipments are used during the radiated emission measurement:

3.1.1. For Chamber #3

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	85422E	3625A00181	Jun. 03, 01	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	Jun. 03, 01	1 Year
3.	Amplifier	HP	8447D	2944A07794	Dec.01, 01	1/2 Year
4.	Bilog Antenna	Chase	CBL6112A	2176	Mar. 25, 01	1 Year
5.	Computer	N/A	N/A	N/A	N/A	N/A
6.	Printer	NEC	P3800	568101448	N/A	N/A
7.	Coaxial Switch	Anritsu	MP59B	M20531	Jun. 03, 01	1 Year
8.	FR Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Aug. 26, 01	1/2 Year
9.	FR Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Aug. 26, 01	1/2 Year
10.	FR Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Aug. 26, 01	1/2 Year
11.	FR Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Aug. 26, 01	1/2 Year

3.2. Block Diagram of Test Setup

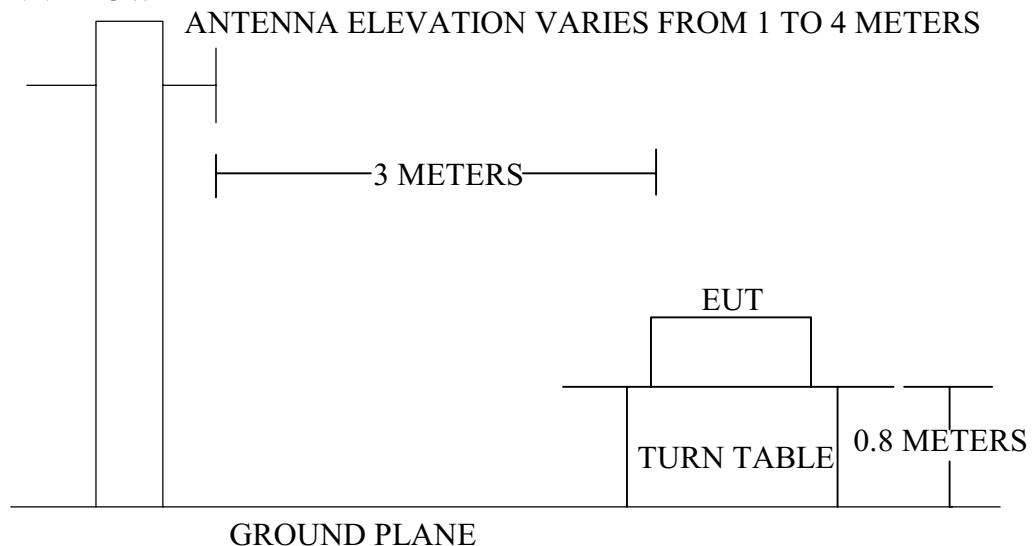
3.2.1. diagram of connection between the EUT and simulators



(EUT: 2.4GHz Wireless Camera)

3.2.2. Chamber # 3 Test Setup Diagram

ANTENNA TOWER



3.3. Radiated Emission Limit (Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
Fundamental Frequency	3	50×10^3	94.0
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0

- Remark :
- (1) Emission level ($\text{dB}(\mu\text{V})$) = $20 \log_{10}$ Emission level $\mu\text{V}/\text{m}$
 - (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 Measurement

The following equipment are installed on Radiated Emission Measurement 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 Wireless Camera (EUT)

Model Number : XMC-151(ACN-3560C)
Manufacturer : ShenZhen Action Electronics Co., Ltd.

3.5. Operating Condition of EUT

1. Setup the EUT as shown in Section 3.2..
2. Let the the EUT work in test mode (On) and measure it.

3.6. Test Procedure

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. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 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 are set on measurement. 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 measurement.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120KHz in the 30-10000MHz and 1MHz had been set in above 10000MHz Range.

The frequency range from 30MHz to 10000MHz is checked.

The test mode (On) 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 :	Dec.01, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
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
31.895	19.56	0.87	5.96	26.38	-13.62	40.00
185.452	10.36	3.55	15.75	29.65	-13.85	43.50
198.322	9.95	3.64	14.77	28.36	-15.14	43.50
246.325	12.12	3.97	17.56	33.66	-12.34	46.00
257.612	12.97	4.05	15.62	32.65	-13.35	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 246.325MHz with corrected signal level of 33.66dB μ V/m (Limit is 46.00 dB μ V/m) when the antenna was at horizontal polarization and at 1.1m high and the turn table was at 0°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Reviewer :

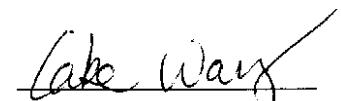
Date of Test :	Dec.01, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
Test Engineer:	Edwarehu		

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
30.265	14.80	0.92	6.63	22.35	-17.65	40.00
180.215	9.18	3.55	14.93	27.65	-15.85	43.50
196.320	9.98	3.64	12.74	26.36	-17.14	43.50
259.510	13.26	4.05	13.71	31.03	-14.97	46.00
370.522	15.22	4.60	16.24	36.05	-9.95	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 370.522MHz with corrected signal level of 36.05dB μ V/m (Limit is 46.00 dB μ V/m) when the antenna was at horizontal polarization and at 1.1m high and the turn table was at 10°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Reviewer :



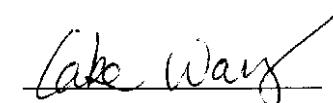
Date of Test :	Nov.12, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
Test Engineer:	Edwarehu		

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
31.056	19.56	0.87	5.56	25.99	-14.01	40.00
184.348	10.36	3.55	16.50	30.40	-13.10	43.50
196.638	9.95	3.64	12.10	25.69	-17.81	43.50
245.800	12.12	3.97	15.60	31.69	-14.31	46.00
158.085	12.97	4.05	13.50	30.52	-15.48	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 184.348MHz with corrected signal level of 30.40dB μ V/m (Limit is 43.50 dB μ V/m) when the antenna was at horizontal polarization and at 1.1m high and the turn table was at 10°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Reviewer



Date of Test :	Nov.12, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channe4
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
32.085	14.80	0.92	6.00	21.72	-18.28	40.00
184.550	9.18	3.55	16.00	28.72	-14.78	43.50
196.320	9.98	3.64	11.58	25.20	-18.30	43.50
258.085	13.26	4.05	11.98	29.30	-16.70	46.00
371.320	15.22	4.60	15.60	35.42	-10.58	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 371.320MHz with corrected signal level of 35.42dB μ V/m (Limit is 46.00 dB μ V/m) when the antenna was at horizontal polarization and at 1.05m high and the turn table was at 0°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Reviewer :



Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
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
2402.410	29.98	5.69	29.00	64.67	-29.33	94.00

Remark: 1. The emission level reading is Average Value.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
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
2401.330	29.98	5.68	30.88	66.54	-27.46	94.00

Remark: 1. The emission level reading is Average Value.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer :

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
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
2402.440	29.98	569	35.17	70.84	-23.16	94.00

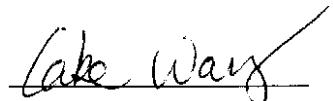
Remark: 1. All emission level reading is Peak Value.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
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
2401.330	29.98	5.68	36.08	71.74	-22.26	94.00

Remark: 1. All emission level reading is Peak Value.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Reviewer :



Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
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
2467.390	30.07	5.77	55.68	56.55	-37.45	94.00

Remark: 1. The emission level reading is Average Value.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
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
2467.280	30.07	5.77	60.05	60.92	-33.08	94.00

Remark: 1. The emission level reading is Average Value.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Reviewer :



Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
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
2467.390	30.07	5.77	65.31	66.18	-27.82	-27.82

Remark: 1. All emission level reading is Peak Value.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
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
2467.280	30.07	5.77	71.98	72.85	-21.15	94.00

Remark: 1. All emission level reading is Peak Value.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Reviewer :



Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
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
4802.820	34.77	7.96	7.59	50.32	-3.68	54.00
7222.012	37.21	9.30	23.01	35.35	-18.65	54.00

Remark: 1. The emission level reading is Average Value.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
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
4802.770	34.77	7.96	6.83	49.56	-4.44	54.00
7204.810	37.09	9.29	1.05	47.43	-6.57	54.00

Remark: 1. The emission level reading is Average Value.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer :

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
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
4802.710	34.77	7.96	18.03	61.03	7.03	54.00
7204.130	37.09	9.29	-0.92	45.46	-8.54	54.00

Remark: 1. All emission level reading is Peak Value.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

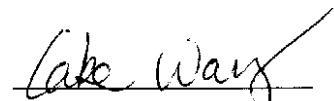
Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 1
Test Engineer:	Edwarehu		

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
4802.670	34.77	7.96	25.22	67.95	13.95	54.00
7204.130	37.09	9.29	9.94	56.32	2.32	54.00

Remark: 1. All emission level reading is Peak Value.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Reviewer :



Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
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
4934.465	35.14	8.05	40.99	49.72	-4.28	54.00
7401.558	37.88	9.38	28.58	41.69	-12.31	54.00

Remark: 1. The emission level reading is Average Value.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
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
4934.660	35.14	8.05	36.76	45.49	-8.51	54.00
7402.030	37.88	9.38	31.52	44.63	-9.37	54.00

Remark: 1. The emission level reading is Average Value.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Reviewer :

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
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
4934.840	35.14	8.05	53.56	62.29	8.29	54.00
7401.560	37.88	9.38	35.62	48.73	-5.27	54.00

Remark: 1. All emission level reading is Peak Value.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Date of Test :	Nov.13, 2001	Temperature :	26°C
EUT :	2.4GHz Wireless Camera	Humidity :	60%
Model No. :	XMC-151(ACN-3560C)	Test Mode :	Channel 4
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
4934.560	35.14	8.05	51.01	59.74	5.74	54.00
7401.940	37.88	9.38	45.63	58.74	4.74	54.00

Remark: 1. All emission level reading is Peak Value.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.

Reviewer :

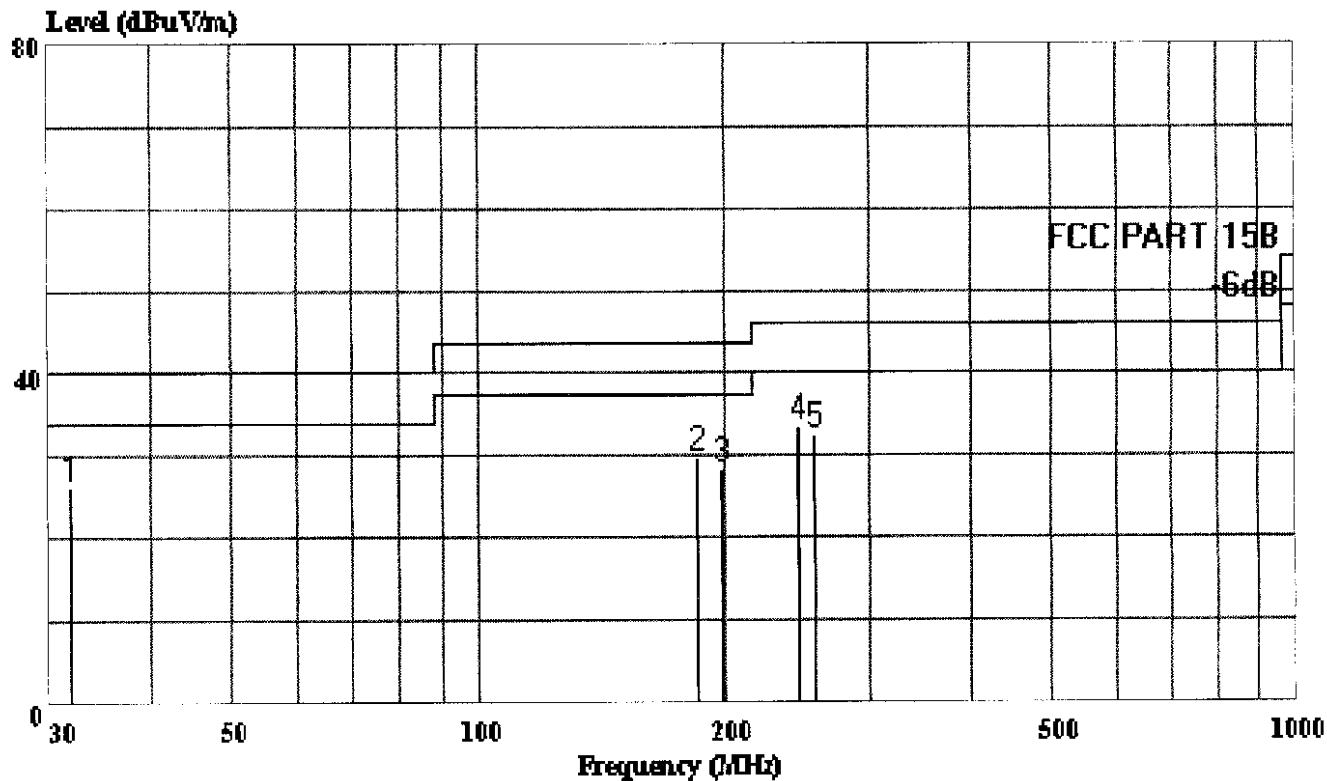


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park
 Tel: 0755-6639495~7
 Fax: 0755-6632877

Data#: 297 File#: ACTION.emi

Date: 2001-12-01 Time: 22:01:46

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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XMC-151 (ACN-3560C)
 POWER: : AC Adaptor Input 120V/60Hz EUT 12V
 ON COND:: On
 MEMO: : Channel 1
 : H:1.1M
 : D:0'

Page: 1

Freq	Level	Over	Limit	Read	Probe Factor	Cable Factor	Loss	Remark
		Line	dBuV/m	dBuV				
		MHz	dBuV/m	dB				
1	31.895	26.38	-13.62	40.00	5.96	20.43	19.56	0.87
2	185.452	29.65	-13.85	43.50	15.75	13.90	10.36	3.55
3	198.322	28.36	-15.14	43.50	14.77	13.59	9.95	3.64
4	246.325	33.66	-12.34	46.00	17.56	16.09	12.12	3.97
5	257.612	32.65	-13.35	46.00	15.62	17.02	12.97	4.05

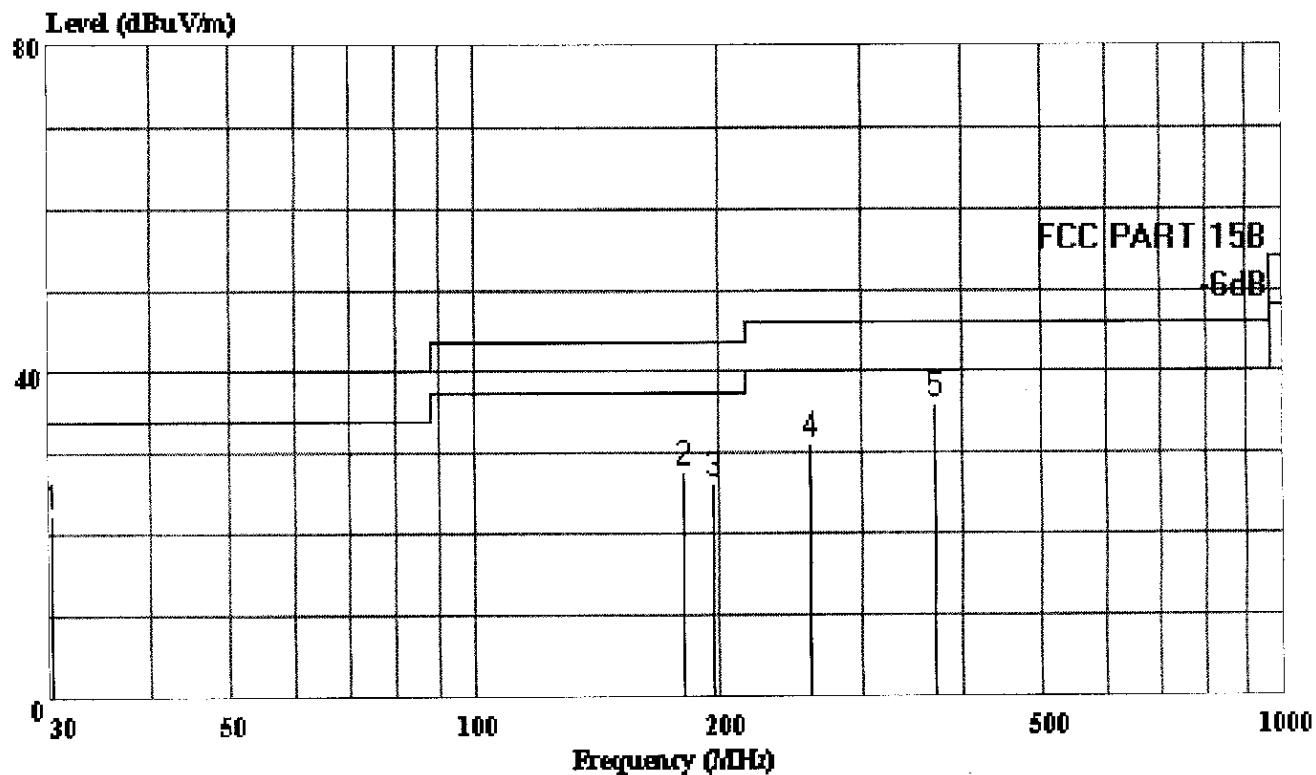


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 Fax: 0755-6632877

Data#: 298 File#: ACTION.emi

Date: 2001-12-01 Time: 22:10:40

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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 POWER: : AC Adaptor Input 120V/60Hz EUT 12V
 ON COND:: On
 MEMO: : Channel 1
 : H:1.1M
 : D:10'

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Factor	Cable Loss	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	30.265	22.35	-17.65	40.00	6.63	15.72	14.80	0.92	
2	180.215	27.65	-15.85	43.50	14.93	12.72	9.18	3.55	
3	196.320	26.36	-17.14	43.50	12.74	13.62	9.98	3.64	
4	259.510	31.03	-14.97	46.00	13.71	17.32	13.26	4.05	
5	370.522	36.05	-9.95	46.00	16.24	19.82	15.22	4.60	

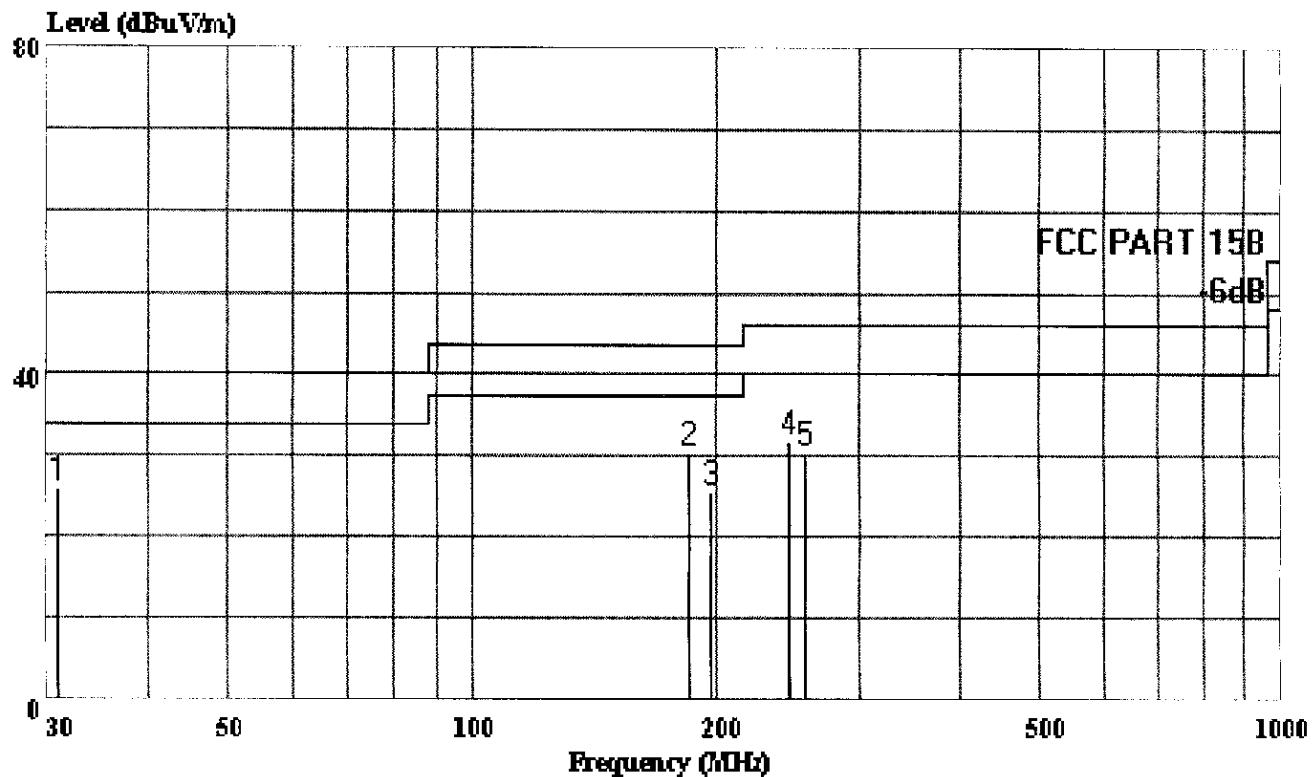


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Data#: 284 File#: ACTION.emi

Date: 2001-11-12 Time: 22:01:46

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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR HORIZONTAL

EUT: : 2.4GHz Wireless Camera

M/N: : XMC-151 (ACN-3560C)

POWER: : AC Adaptor Input 120V/60Hz EUT 12V

ON COND:: On

MEMO: : Channel 4

: H:1.1M

: D:10'

Page: 1

Freq	Level	Over	Limit	Read	Probe Factor	Cable Factor	Cable Loss	Remark
		Limit	Line	Level				
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	31.056	25.99	-14.01	40.00	5.56	20.43	19.56	0.87
2	184.348	30.40	-13.10	43.50	16.50	13.90	10.36	3.55
3	196.638	25.69	-17.81	43.50	12.10	13.59	9.95	3.64
4	245.800	31.69	-14.31	46.00	15.60	16.09	12.12	3.97
5	258.085	30.52	-15.48	46.00	13.50	17.02	12.97	4.05

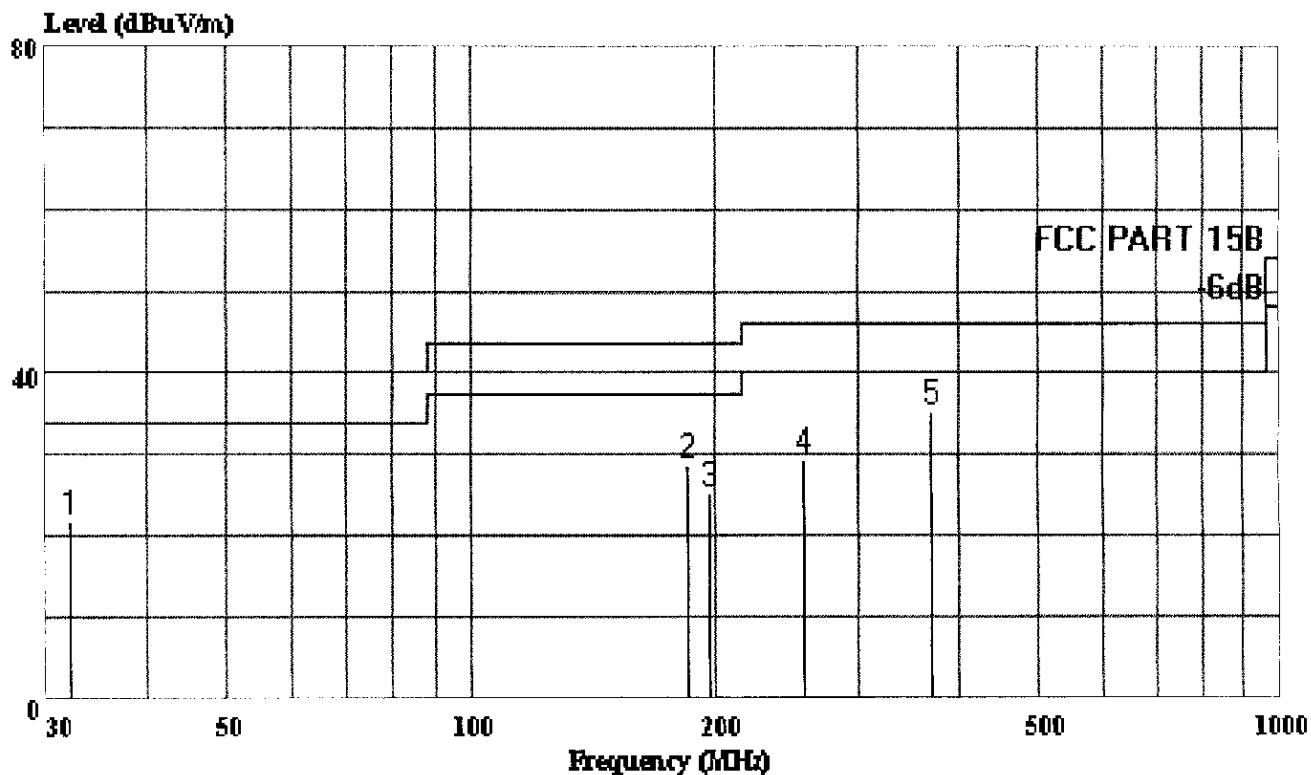


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 Fax: 0755-6632877

Data#: 286 File#: ACTION.emi

Date: 2001-11-12 Time: 22:10:40

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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR VERTICAL

EUT: : 2.4GHz Wireless Camera

M/N: : XCM-151 (ACN-3560C)

POWER: : AC Adaptor Input 120V/60Hz EUT 12V

ON COND:: On

MEMO: : Channel 4

: H:1.05M

: D:0'

Page: 1

Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Factor	Cable Loss	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	32.085	21.72	-18.28	40.00	6.00	15.72	14.80	0.92
2	184.550	28.72	-14.78	43.50	16.00	12.72	9.18	3.55
3	196.320	25.20	-18.30	43.50	11.58	13.62	9.98	3.64
4	258.085	29.30	-16.70	46.00	11.98	17.32	13.26	4.05
5	371.320	35.42	-10.58	46.00	15.60	19.82	15.22	4.60

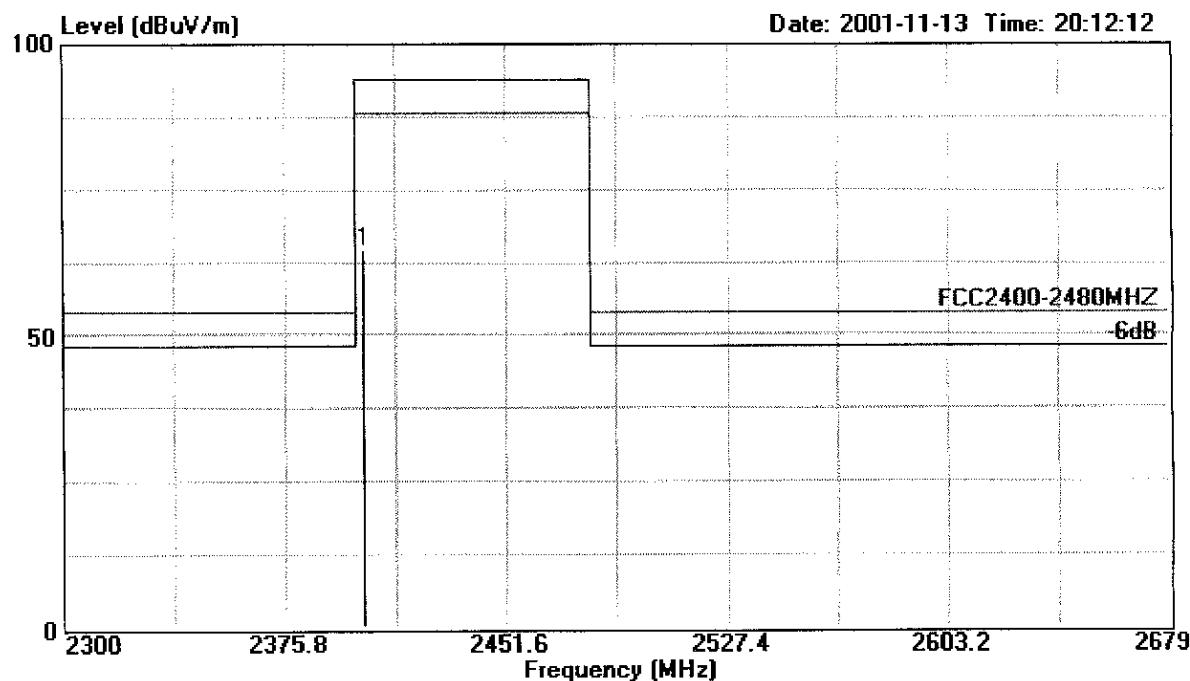


信華科技(深圳)有限公司

AUDIX Technology (Shenzhen) Co.,Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1# Chamber
Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
EUT: : 2.4GHz Wireless Camera
M/N: : XCM-151 (ACN-3560C)
Power: : AC Adaptor Input 120V/60Hz EUT 12V
Test Engineer: : Edwarehu
On Cond: : On
MEMO: : Channel 1

Freq	Over Limit	Read Line	Cable Level	Probe Loss	Remark	
					MHz	dB _{UV} /m
						dB
1	2402.410	64.67	-29.33	94.00	29.00	5.69 29.98 Average

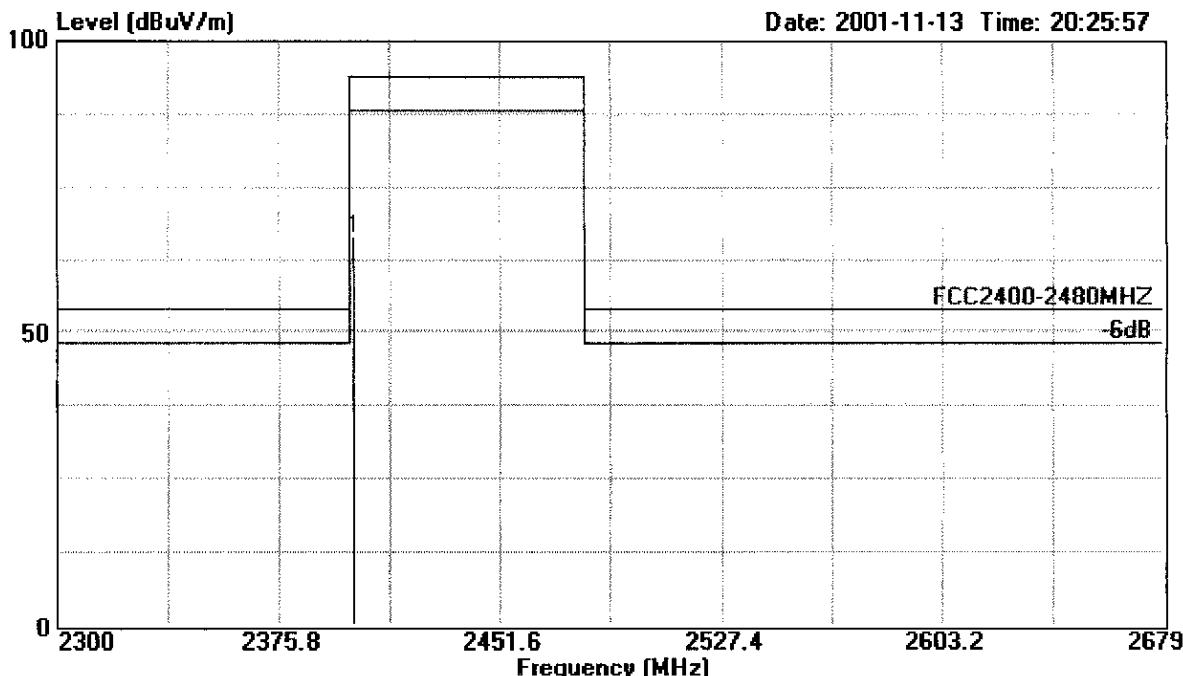


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 27 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
EUT: : 2.4GHz Wireless Camera
M/N: : XMC-151 (ACN-3560C)
Power: : AC Adaptor Input 120V/60Hz EUT 12V
Test Engineer: : Edwarehu
On Cond: : On
MEMO: : Channel 1

Freq	MHz	Over	Limit	Read	Cable	Probe	Remark
		Level	Limit	Line	Level	Loss Factor	
1	2401.330	66.54	-27.46	94.00	30.88	5.68	29.98 Average

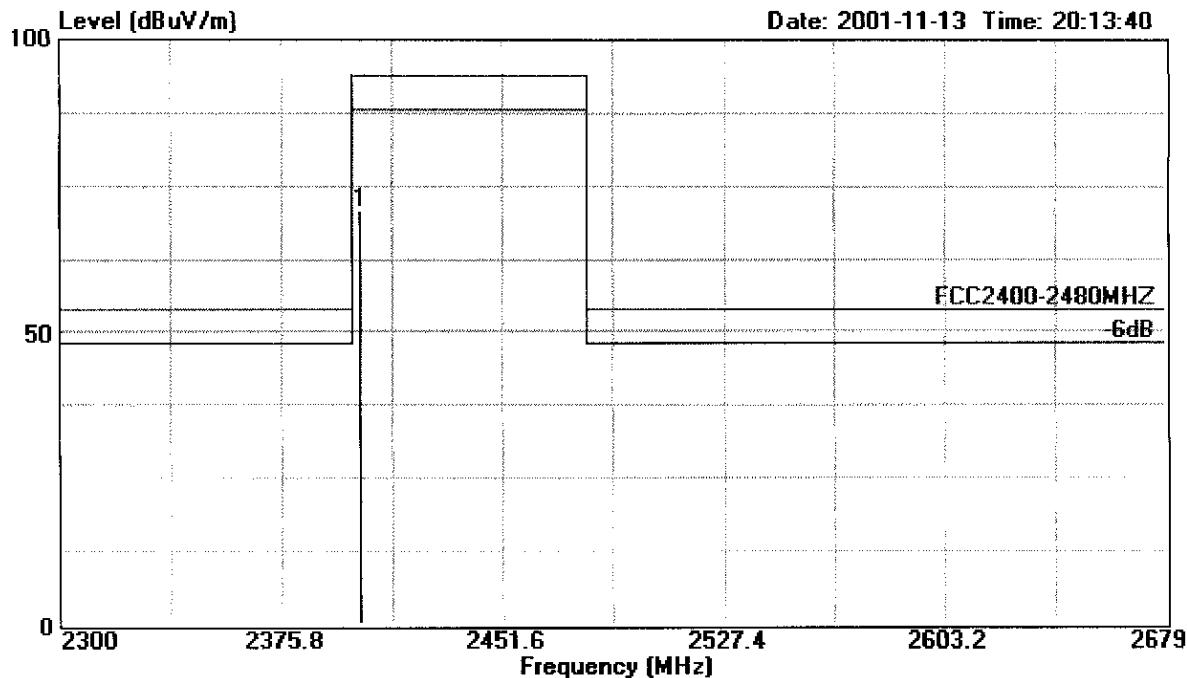


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AUDIX Technology (Shenzhen) Co.,Ltd.

No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 20 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

	Freq	Over Level	Limit	Read Line	Cable Level	Probe Loss	Factor	Remark
	MHz	dB _{UV/m}	dB	dB _{UV/m}	dB _{UV}	dB	dB	
1	2402.440	70.84	-23.16	94.00	35.17	5.69	29.98	Peak

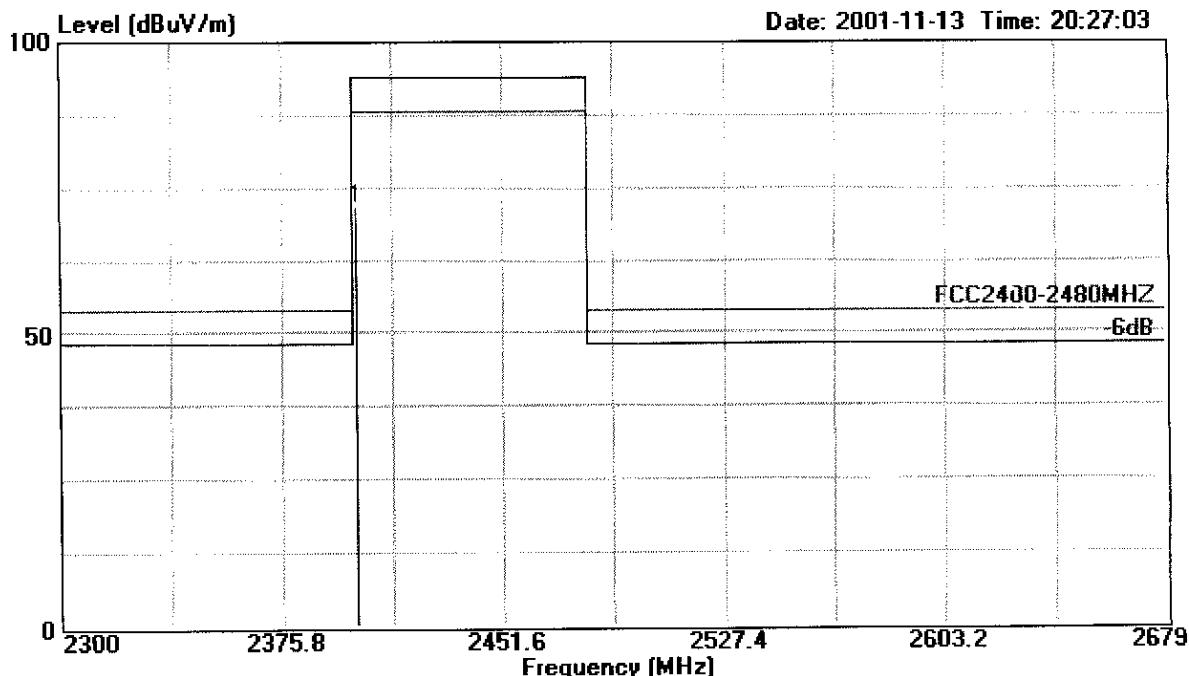


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 26 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL

EUT: : 2.4GHz Wireless Camera

M/N: : XMC-151 (ACN-3560C)

Power: : AC Adaptor Input 120V/60Hz EUT 12V

Test Engineer: : Edwarehu

On Cond: : On

MEMO: : Channel 1

	Over	Limit	Read	Cable	Probe		
Freq	Level	Limit	Line	Level	Loss	Factor	Remark
MHz	dB _{UV} /m	dB	dB _{UV} /m	dB _{UV}	dB	dB	
1 2401.330	71.74	-22.26	94.00	36.08	5.68	29.98	Peak

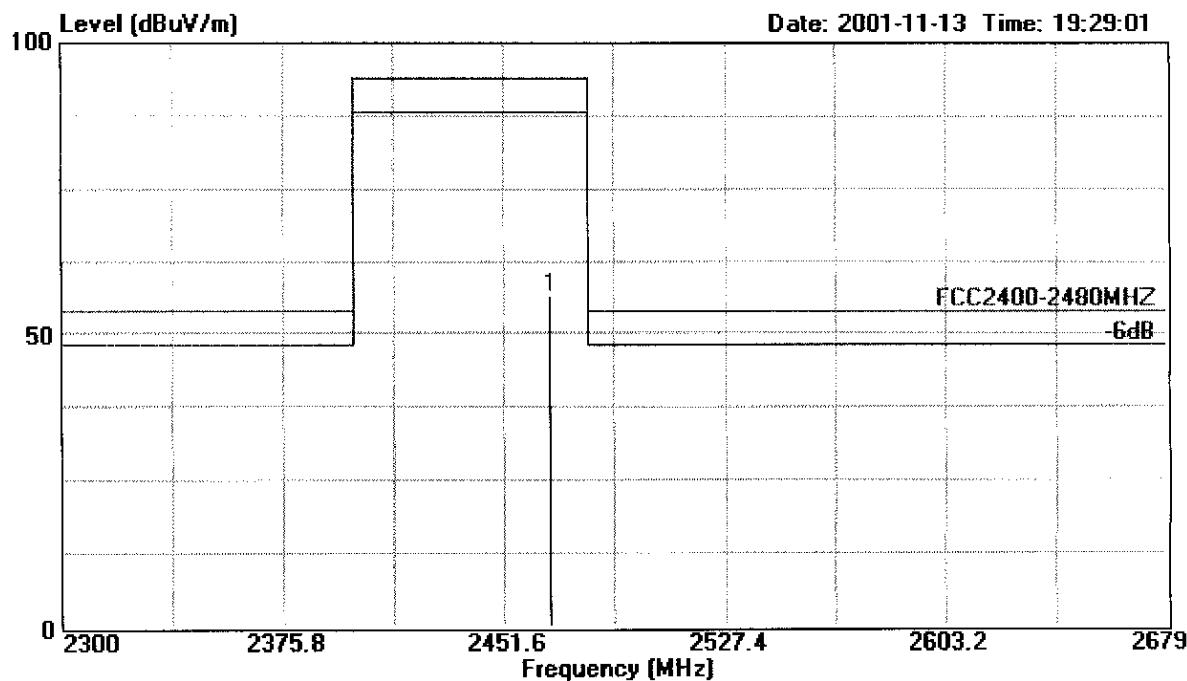


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 11 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber

Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL

EUT: : 2.4GHz Wireless Camera

M/N: : XCM-151 (ACN-3560C)

Power: : AC Adaptor Input 120V/60Hz EUT 12V

Test Engineer: : Edwarehu

On Cond: : On

MEMO: : Channel 4

Freq	Over Limit	Read Line	Cable Loss	Probe Factor	Remark	
					MHz	dB _{UV/m}
					dB	dB
1 2467.390	56.55	-37.45	94.00	55.68	5.77	30.07 Average

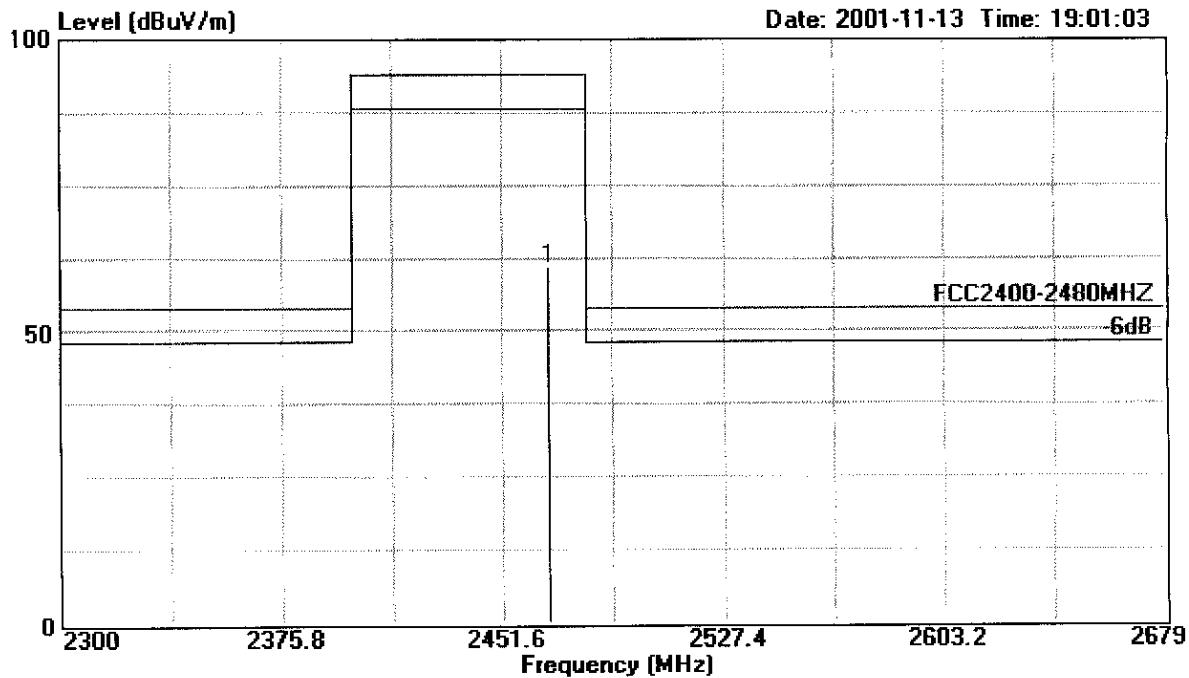


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 3 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

	Over	Limit	Read	Cable	Probe		
Freq	Level	Limit	Line	Level	Loss	Factor	Remark
	MHz	dB _{UV} /m	dB	dB _{UV} /m	dB _{UV}	dB	dB
1	2467.280	60.92	-33.08	94.00	60.05	5.77	30.07 Average

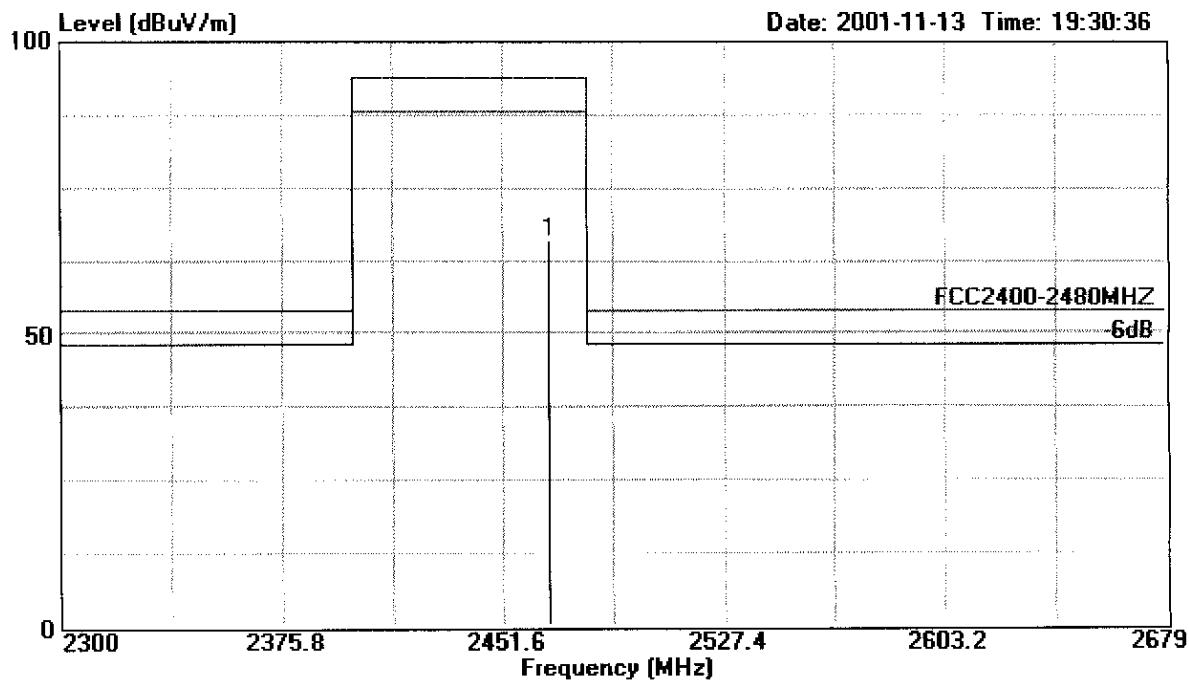


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 12 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Edwarehu

	Over	Limit	Read	Cable	Probe		
Freq	Level	Limit	Line	Level	Loss	Factor	Remark
	MHz	dB _{UV/m}	dB	dB _{UV/m}	dB _{UV}	dB	dB
1	2467.390	66.18	-27.82	94.00	65.31	5.77	30.07 Peak

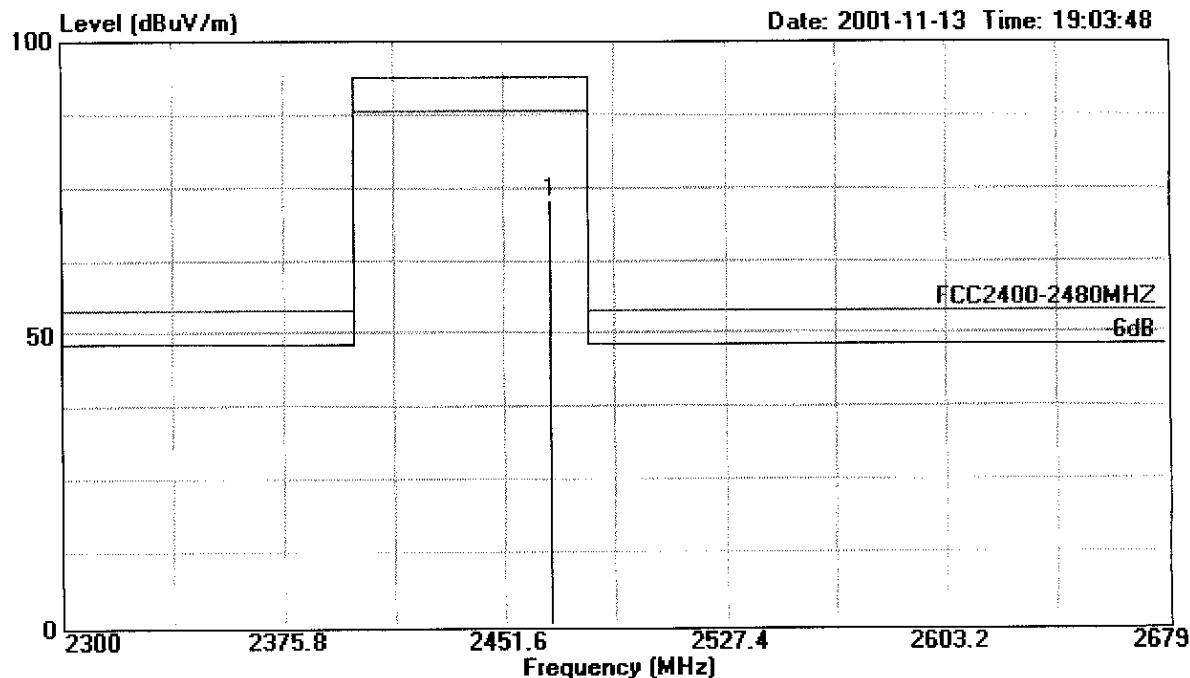


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 4 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL

EUT: : 2.4GHz Wireless Camera

M/N: : XCM-151 (ACN-3560C)

Power: : AC Adaptor Input 120V/60Hz EUT 12V

Test Engineer: : Edwrehu

On Cond: : On

MEMO: : Channel 4

	Over	Limit	Read	Cable	Probe		
Freq	Level	Limit	Line	Level	Loss	Factor	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1	2467.280	72.85	-21.15	94.00	71.98	5.77	30.07 Peak

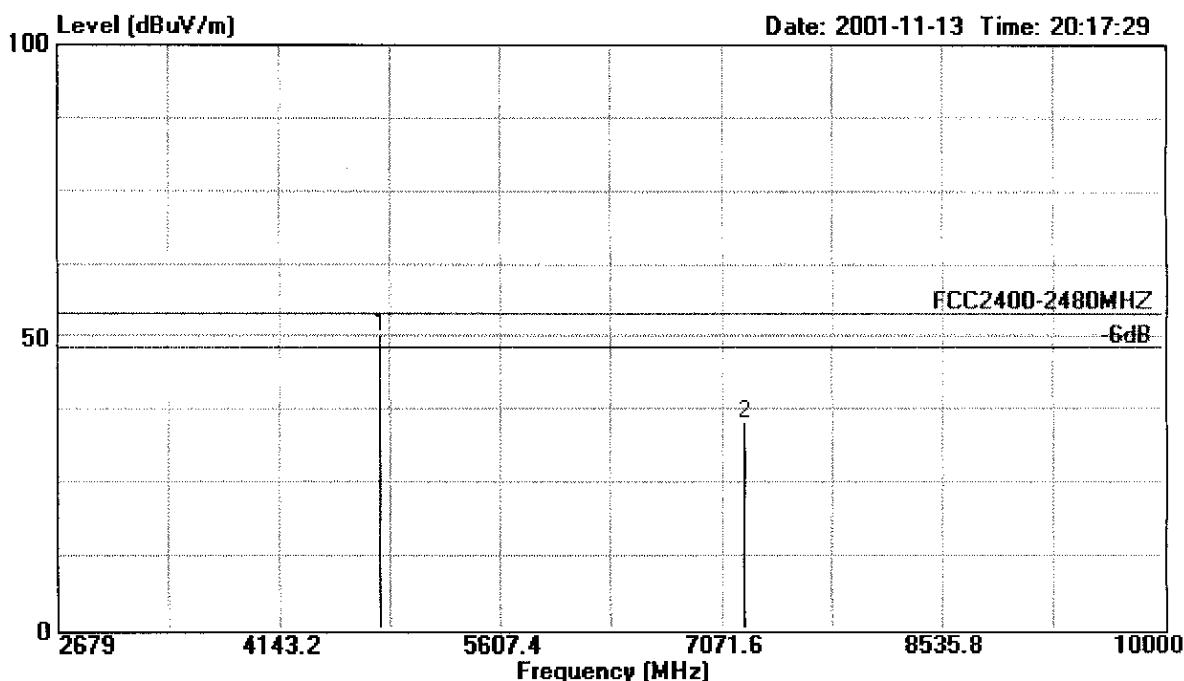


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 22 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

Freq	Over Limit	Read Line	Cable Loss	Probe Factor	Remark	
					MHz	dBuV/m
					dB	dB
1 ! 4802.820	50.32	-3.68	54.00	7.59	7.96	34.77 Average
2 7222.012	35.35	-18.65	54.00	23.01	9.30	37.21 Average

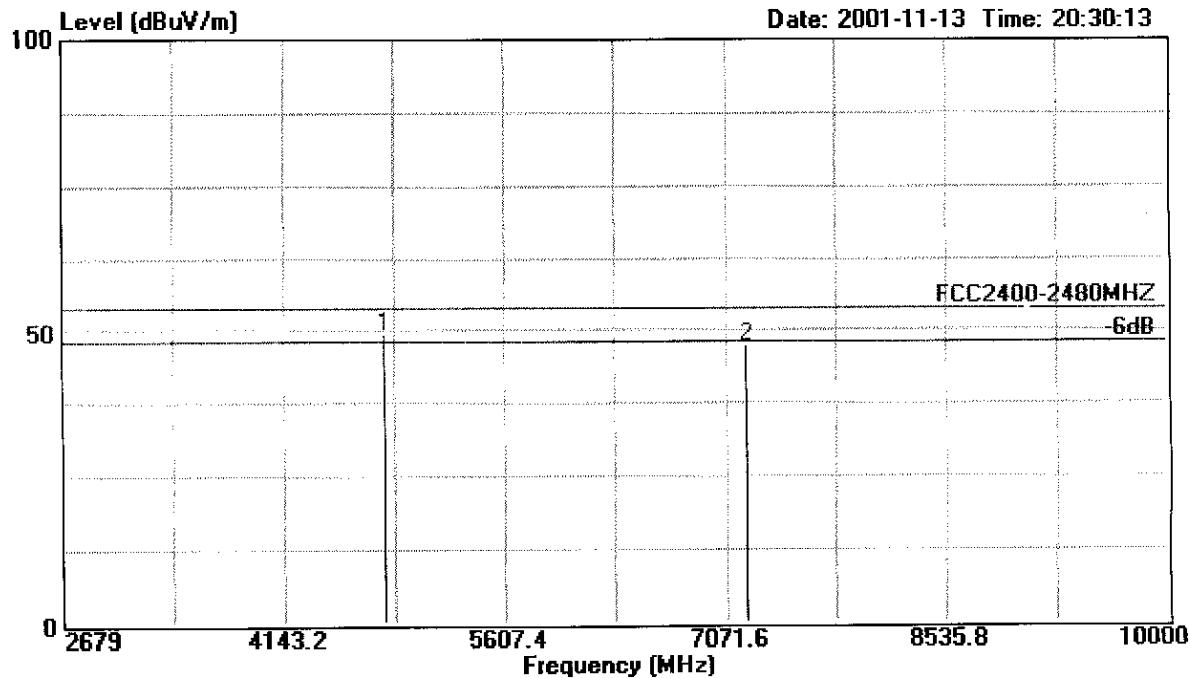


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 30 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XMC-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

Freq	Over Limit	Read Line	Cable Loss	Probe Factor	Remark	
					Level	dB
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1 : 4802.770	49.56	-4.44	54.00	6.83	7.96	34.77 Average
2 7204.810	47.43	-6.57	54.00	1.05	9.29	37.09 Average

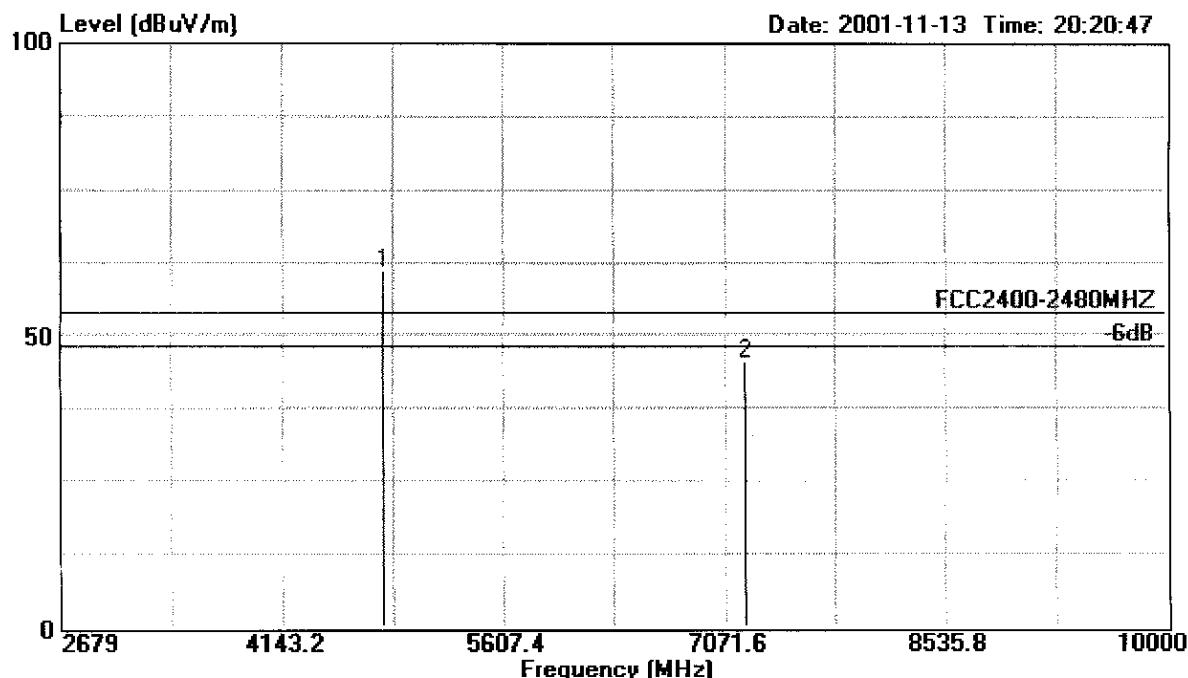


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
 acsadmin@

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



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

Freq	MHz	Over	Limit	Read	Cable	Probe	Remark
		Level	dB	dB _B V/m	dB _B V	dB	
1	X 4802.710	61.03	7.03	54.00	18.30	7.96	34.77 Peak
2	7204.130	45.46	-8.54	54.00	-0.92	9.29	37.09 Peak

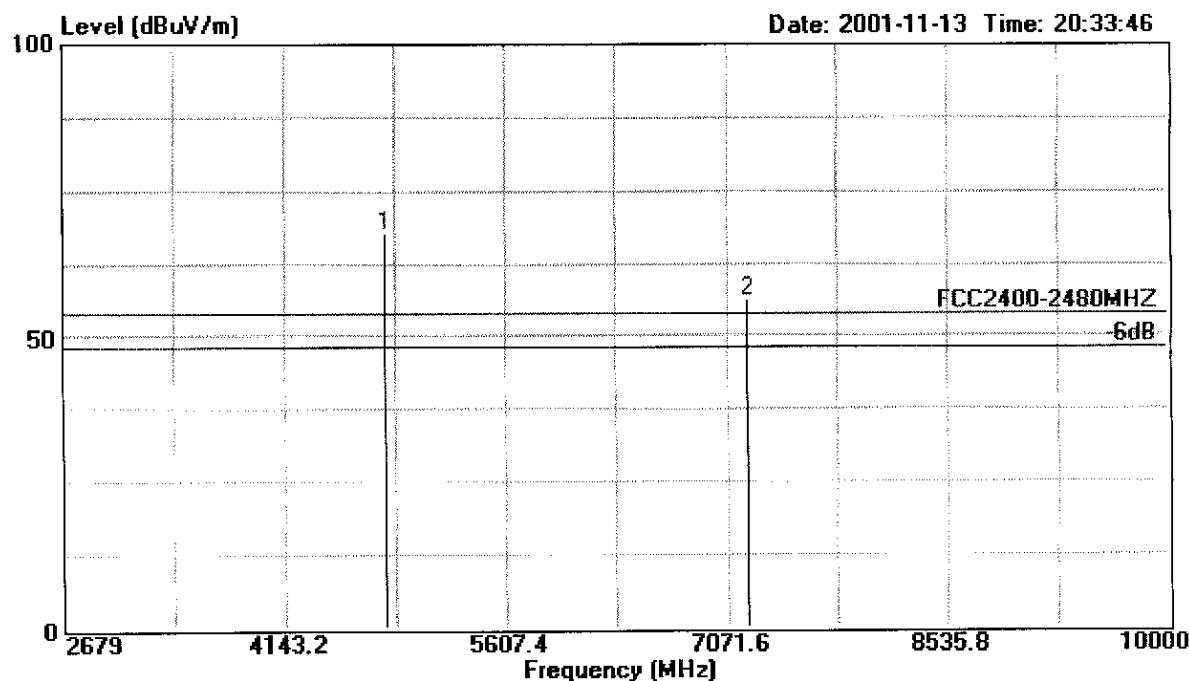


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AUDIX Technology (Shenzhen) Co.,Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 31 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
EUT: : 2.4GHz Wireless Camera
M/N: : XMC-151 (ACN-3560C)
Power: : AC Adaptor Input 120V/60Hz EUT 12V
Test Engineer: : Edwarehu
On Cond: : On
MEMO: : Channel 1

Freq	Over Limit	Read Line	Cable Loss	Probe Factor	Remark	
					MHz	dBuV/m
1 X 4802.670	67.95	13.95	54.00	25.22	7.96	34.77 Peak
2 X 7204.130	56.32	2.32	54.00	9.94	9.29	37.09 Peak

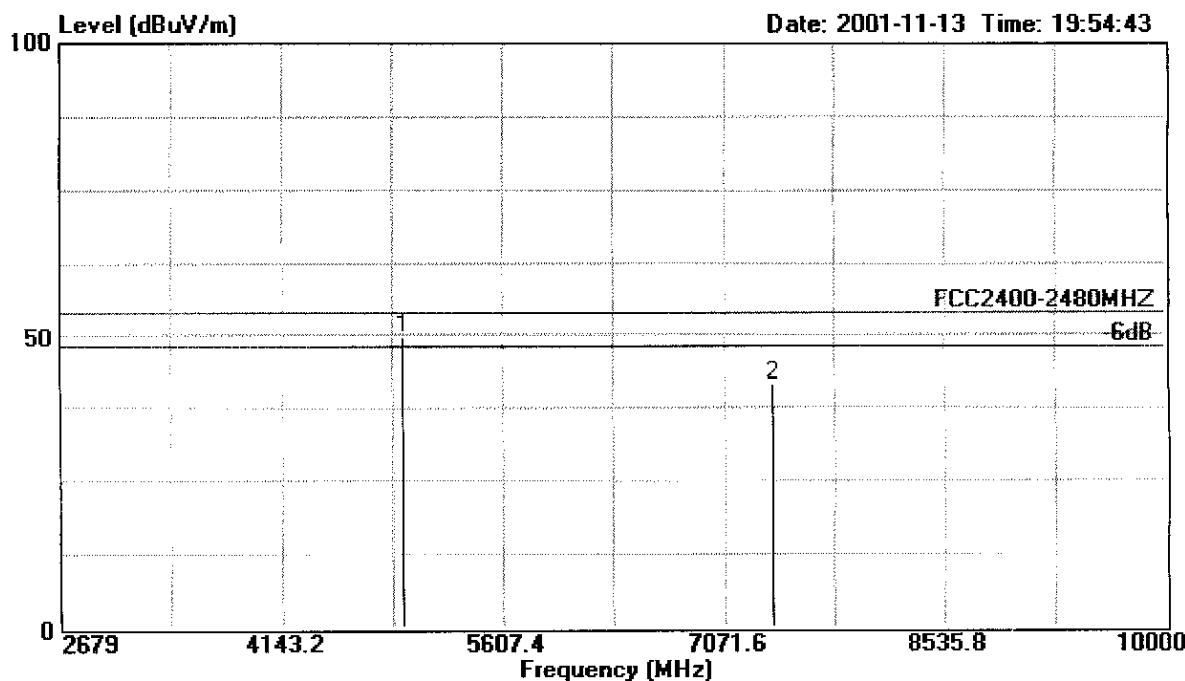


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 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
 accsadmin@

Data#: 14 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

Freq	MHz	Over Limit		Read Line		Cable	Probe	Remark
		Level	Limit	Level	dBuV	dB	dB	
1	4934.465	49.72	-4.28	54.00	40.99	8.05	35.14	Average
2	7401.556	41.69	-12.31	54.00	28.58	9.38	37.88	Average

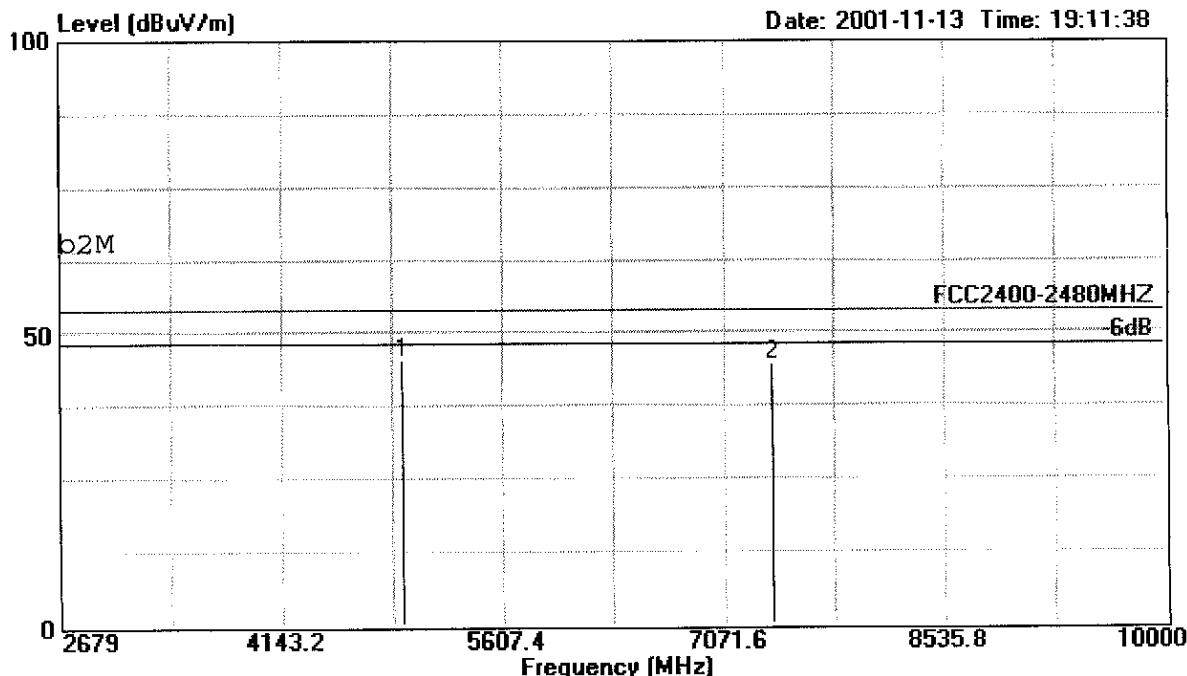


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AUDIX Technology (Shenzhen) Co.,Ltd.

No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
 accsadmin@

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



Site : 1# Chamber

Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL

EUT: : 2.4GHz Wireless Camera

M/N: : XCM-151 (ACN-3560C)

Power: : AC Adaptor Input 120V/60Hz EUT 12V

Test Engineer: : Edwarehu

On Cond: : On

MEMO: : Channel 4

Freq	MHz	Over Limit		Read Line		Cable	Probe	Remark
		Level	Limit	Level	Line	Loss	Factor	
1	4934.660	45.49	-8.51	54.00	36.76	8.05	35.14	Average
2	7402.030	44.63	-9.37	54.00	31.52	9.38	37.88	Average

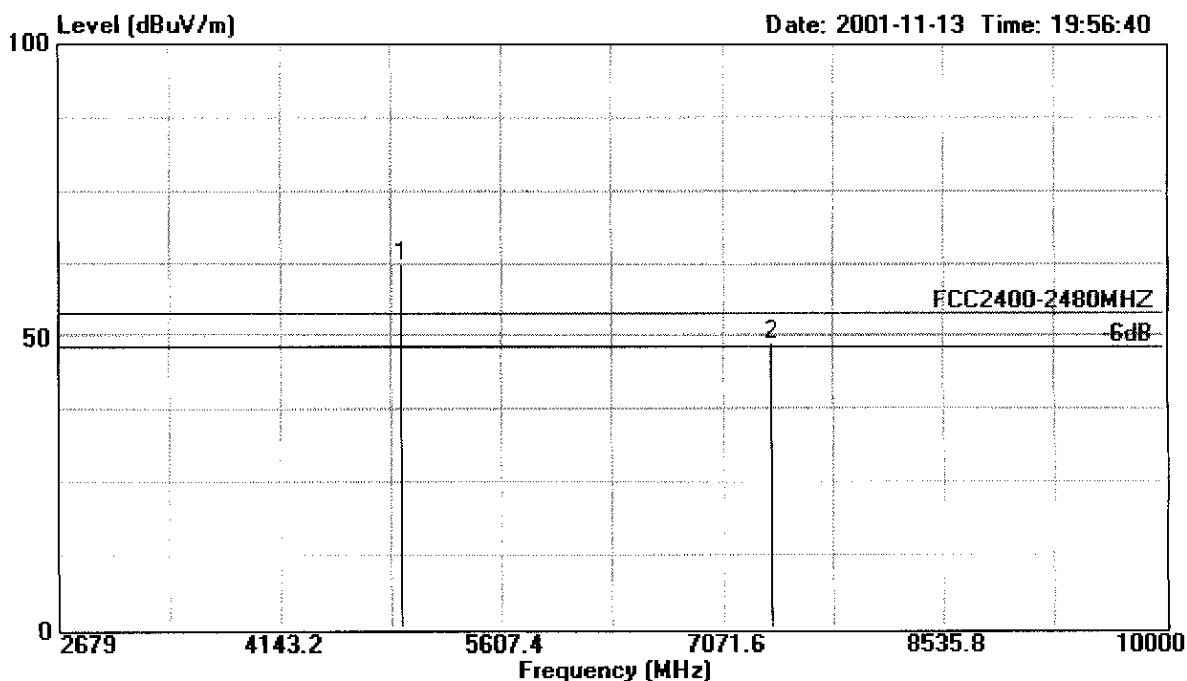


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
 acsadmin@

Data#: 15 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

Freq	Level	Over Limit	Limit	Read Line	Cable	Probe	Remark
					dBuV/m	dB	
1 X 4934.840	62.29	8.29	54.00	53.56	8.05	35.14	Peak
2 ! 7401.560	48.73	-5.27	54.00	35.62	9.38	37.88	Peak

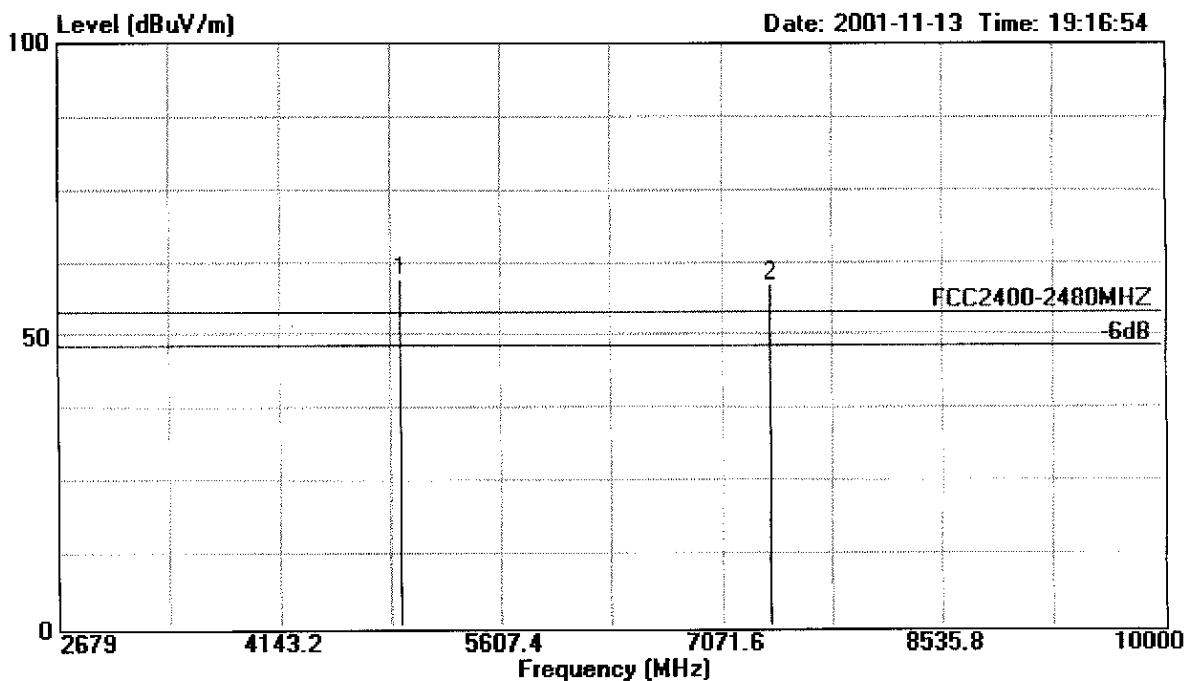


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
 acsadmin@

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

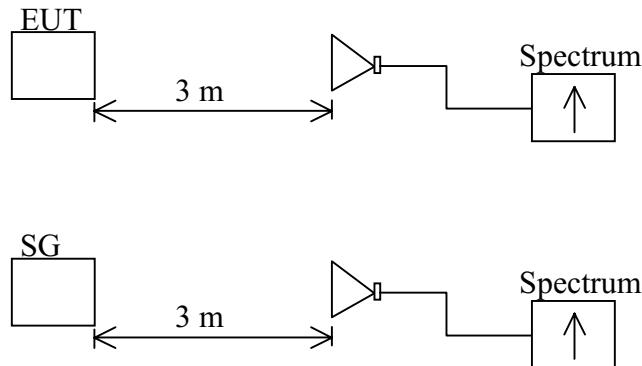


Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

Freq	MHz	Over Limit		Read Line		Cable	Probe	Remark
		Level	Limit	Level	Line	Loss	Factor	
1 X	4934.560	59.74	5.74	54.00	51.01	8.05	35.14	Peak
2 X	7401.940	58.74	4.74	54.00	45.63	9.38	37.88	Peak

4. INTENTION RADIATOR POWER TEST

4.1. Block Diagram of test setup.



(EUT: 2.4GHz Wireless Camera)

4.2. Test standard.

FCC Part 15C, 15.247b(1)

4.3. Test date.

Spectrum V1 (dBuv)	SG V2 (dBuv)	V2 & dBm (dBm)	Power mw	Limit (w)
87	96	-11	<0.1mw	1

1. Formula: $0\text{dBm} + 107\text{dB} = 107\text{dBuv}$
 $-10\text{dBm} = 0.1\text{mw}$

4.4. Test Instrumentation.

SG	:	HP: EMC11020 (No. 83732B)
Spectrum	:	M/N:8593EM
Antenna	:	M/N:3115

4.5. Operating condition of Setup.

4.5.1. Set Up the EUT as show in Section 4.1

4.5.2. Turn on the EUT, let EUT work and test it.

4.6. Test procedure.

First: the EUT is put on the table which is 0.8 meter high above the ground. The EUT is set 3 meters away from the receiving antenna connected to the spectrum by matching cable. Then reading and recoding the spectrum maximum level V1.

Second: removed the EUT and replace the SG on the table. Adjust the SG output Level. When, the Spectrum level equal V1. Then, Recoding the SG output Level V2. This level is the EUT intentional Radiator Power.

The test mode (On) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix II.

APPENDIX I

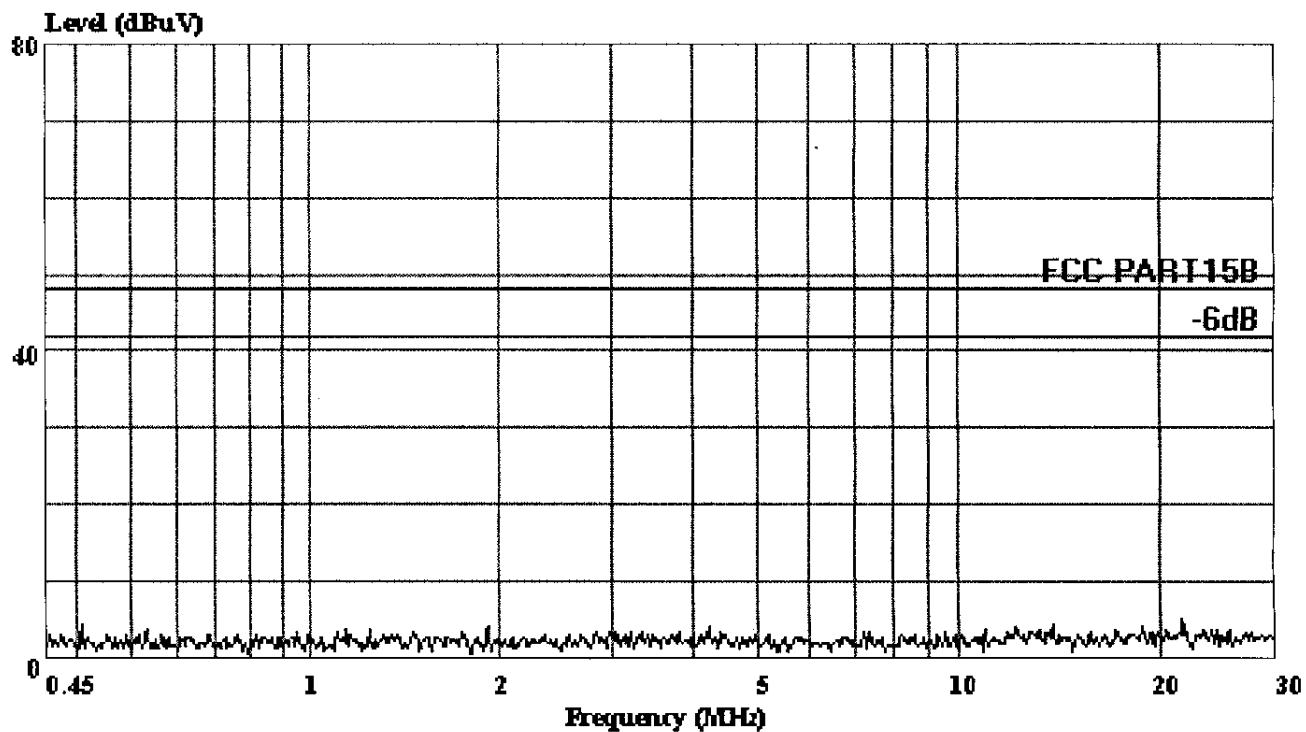


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Park
Nantou, Guangdong, China
Tel: 0755-6639495~7
Fax: 0755-6632877

Data#: 120 File#: Action.emi

Date: 2001-11-13 Time: 22:20:52



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

Trace:

Ref Trace:

Condition: FCC PART15B
 EUT: : 2.4GHz Wireless Camera
 M/N: : XMC-151 (ACN-3560C)
 Manuf: : ACTION
 On Cond: : On
 Operator: : Edwarehu
 Test Spec:: AC Adaptor Input 120V/60Hz Va
 Comment: : Temp:26'C
 : Humi:56%
 MEMO: : CHANNEL 1

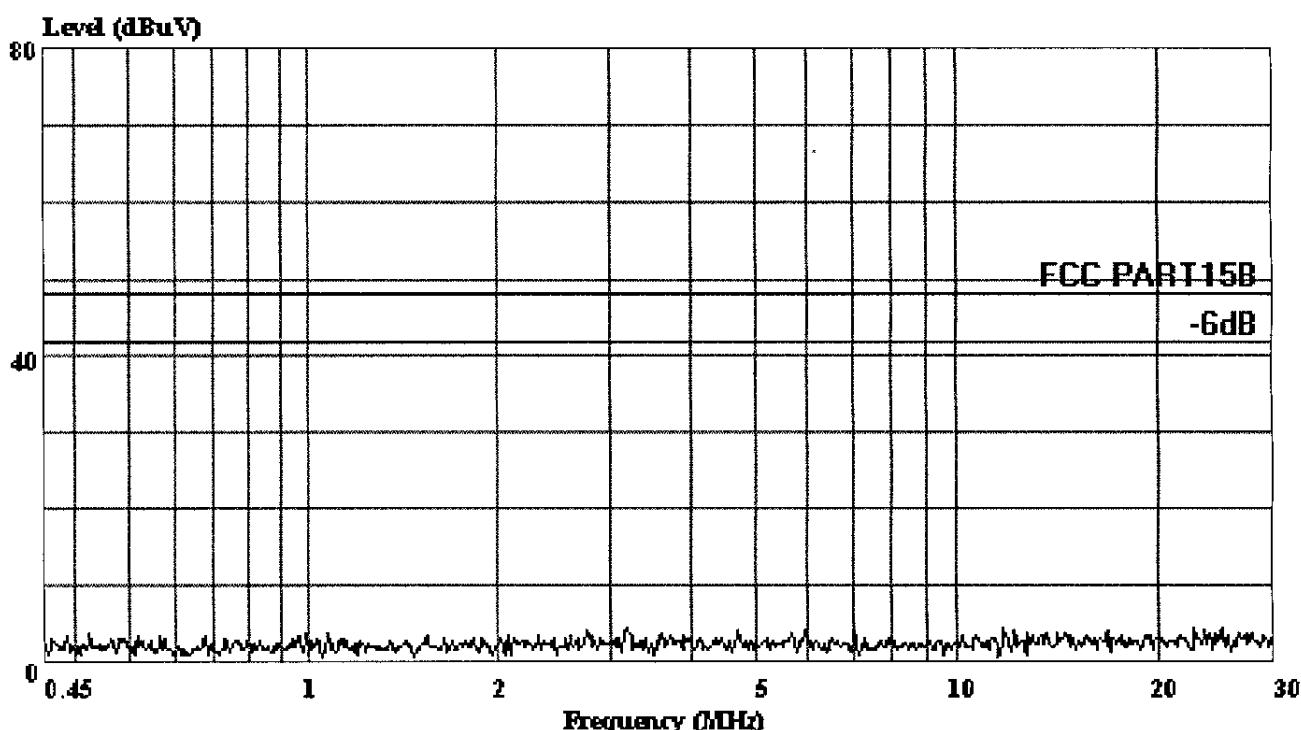


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Data#: 121 File#: Action.emi

Date: 2001-11-13 Time: 22:22:34



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

Trace:

Ref Trace:

Condition: FCC PART15B
 EUT: : 2.4GHz Wireless Camera
 M/N: : XMC-151 (ACN-3560C)
 Manuf: : ACTION
 On Cond: : On
 Operator: : Edwarehu
 Test Spec: : AC Adaptor Input 120V/60Hz Vb
 Comment: : Temp:26'C
 : Humi:56%
 MEMO: : CHANNEL 1

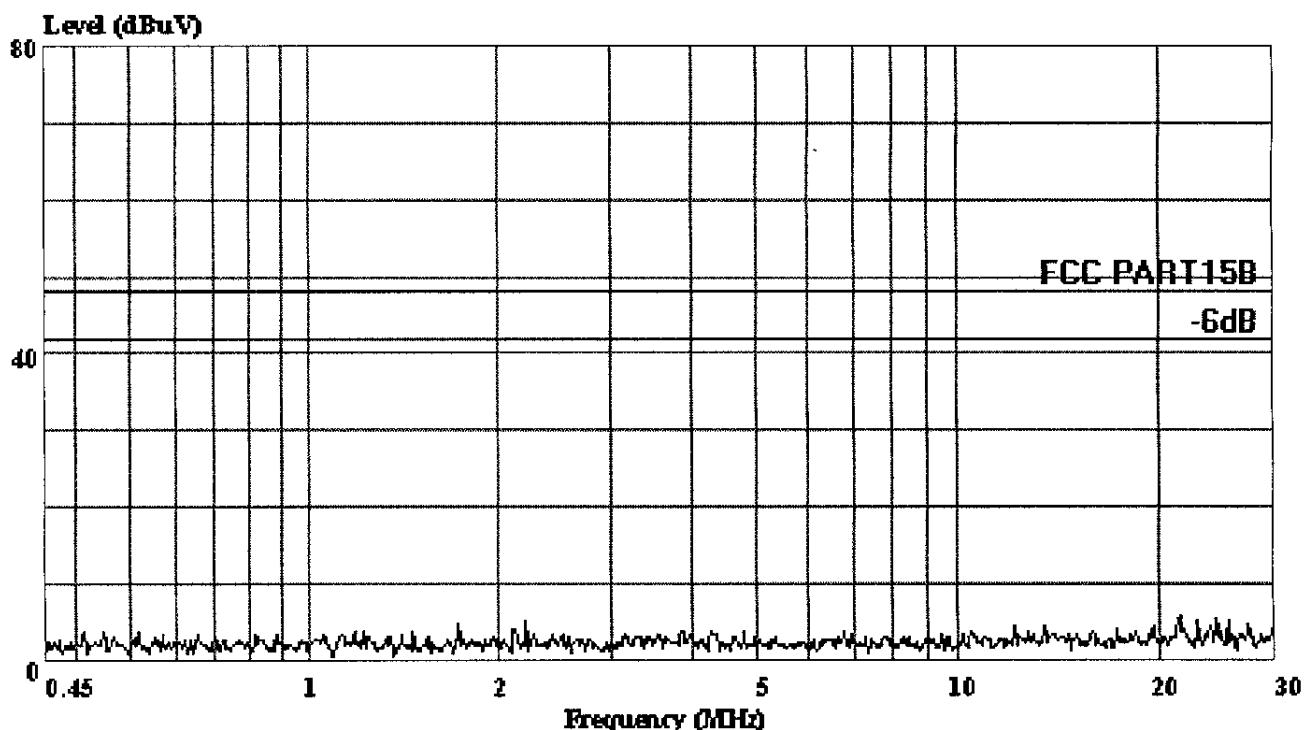


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Shenzhen Science & Ind Park
 Nantou, Guangdong, China
 Tel: 0755-6639495~7
 Fax: 0755-6632877

Data#: 123 File#: Action.emi

Date: 2001-11-13 Time: 22:23:44



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

Trace:

Ref Trace:

Condition: FCC PART15B

EUT: : 2.4GHz Wireless Camera

M/N: : XMC-151 (ACN-3560C)

Manuf: : ACTION

On Cond: : On

Operator: : Edwarehu

Test Spec:: AC Adaptor Input 120V/60Hz Va

Comment: : Temp:26'C

: Humi:56%

MEMO: : CHANNEL 4

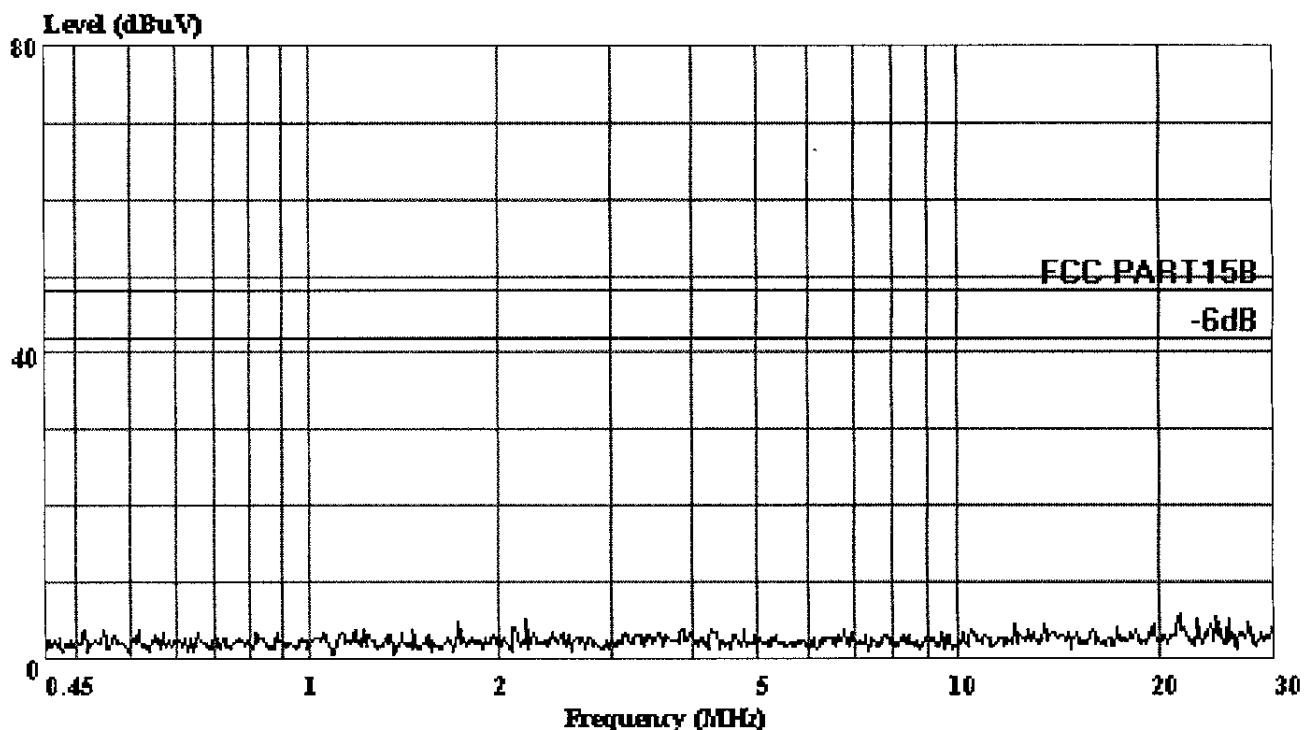


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 Nantou, Guangdong, China
 Tel: 0755-6639495~7
 Fax: 0755-6632877

Data#: 122 File#: Action.emi

Date: 2001-11-13 Time: 22:23:44



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

Trace:

Ref Trace:

Condition: FCC PART15B

EUT: : 2.4GHz Wireless Camera

M/N: : XMC-151 (ACN-3560C)

Manuf: : ACTION

On Cond: : On

Operator: : Edwarehu

Test Spec:: AC Adaptor Input 120V/60Hz Vb

Comment: : Temp:26'C

: Humi:56%

MEMO: : CHANNEL 4

APPENDIX II

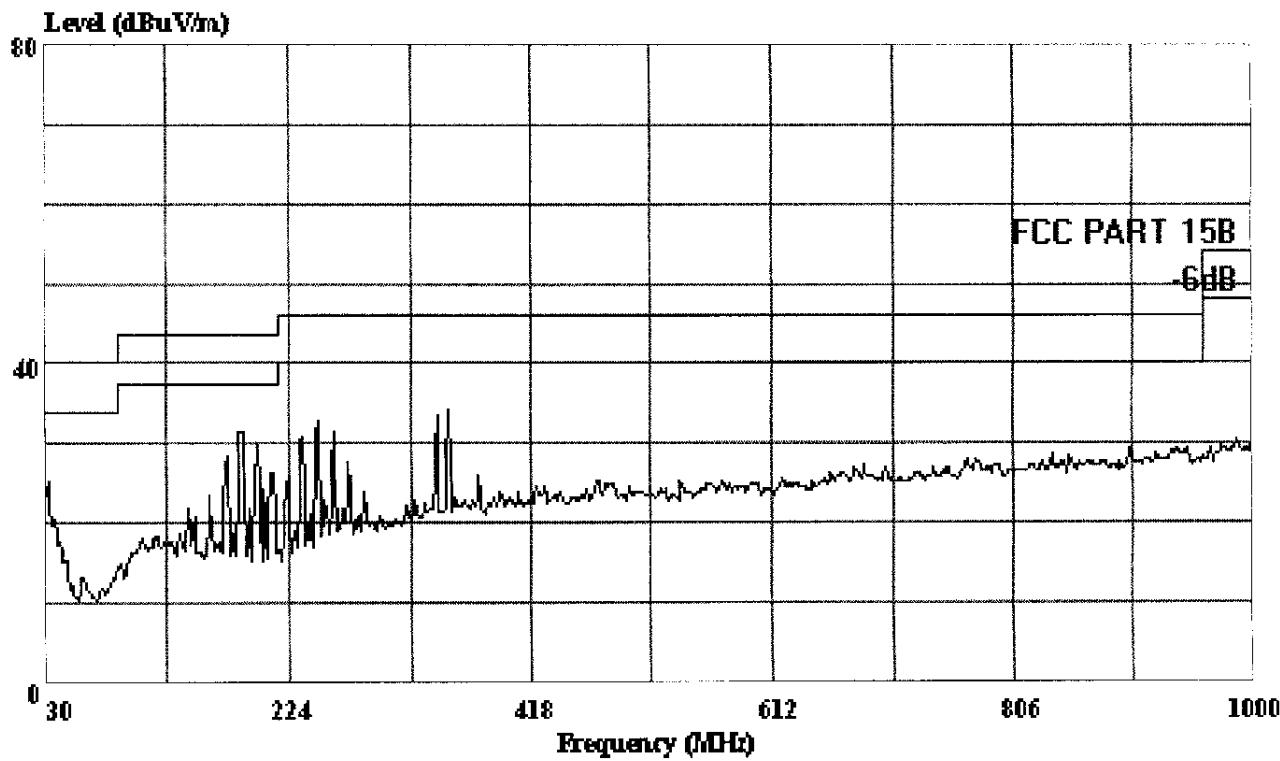


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Fax: 0755-6632877

Data#: 288 File#: ACTION.emi

Date: 2001-11-12 Time: 22:16:34



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

Trace:

Ref Trace:

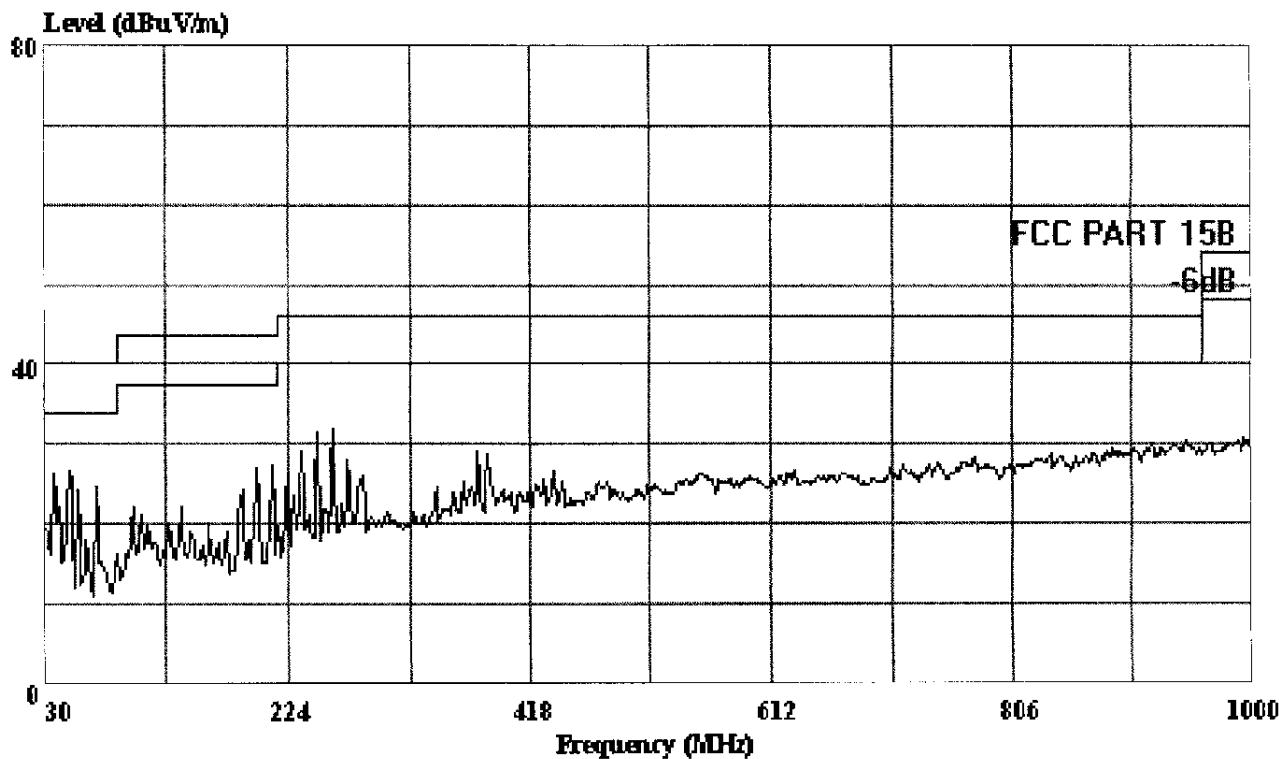
Condition: FCC PART 15B 3m 2598FACTOR HORIZONTAL
EUT: : 2.4GHz Wireless Camera
M/N: : XCM-151 (ACN-3560C)
POWER: : AC Adaptor Input 120V/60Hz EUT 12V
ON COND:: On
MEMO: : Channel 1



Shenzhen Science & Ind. Park
Tel: 0755-6639495~7
Fax: 0755-6632877

Data#: 287 File#: ACTION.emi

Date: 2001-11-12 Time: 22:14:47

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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR VERTICAL

EUT: : 2.4GHz Wireless Camera

M/N: : XCM-151 (ACN-3560C)

POWER: : AC Adaptor Input 120V/60Hz EUT 12V

ON COND:: On

MEMO: : Channel 1

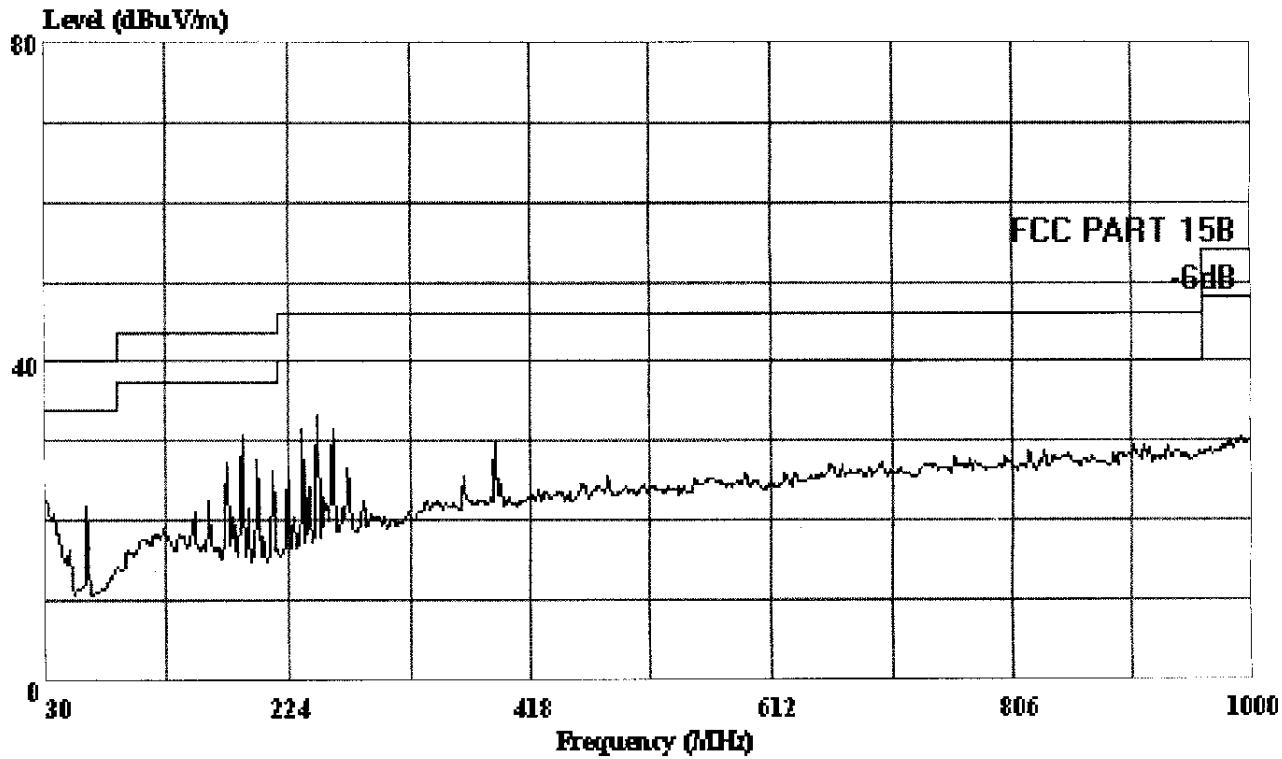


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Shenzhen Science & Ind. Park
 Tel: 0755-6639495~7
 Fax: 0755-6632877

Data#: 283 File#: ACTION.emi

Date: 2001-11-12 Time: 21:59:49



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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XMC-151 (ACN-3560C)
 POWER: : AC Adaptor Input 120V/60Hz EUT 12V
 ON COND:: On
 MEMO: : Channel 4

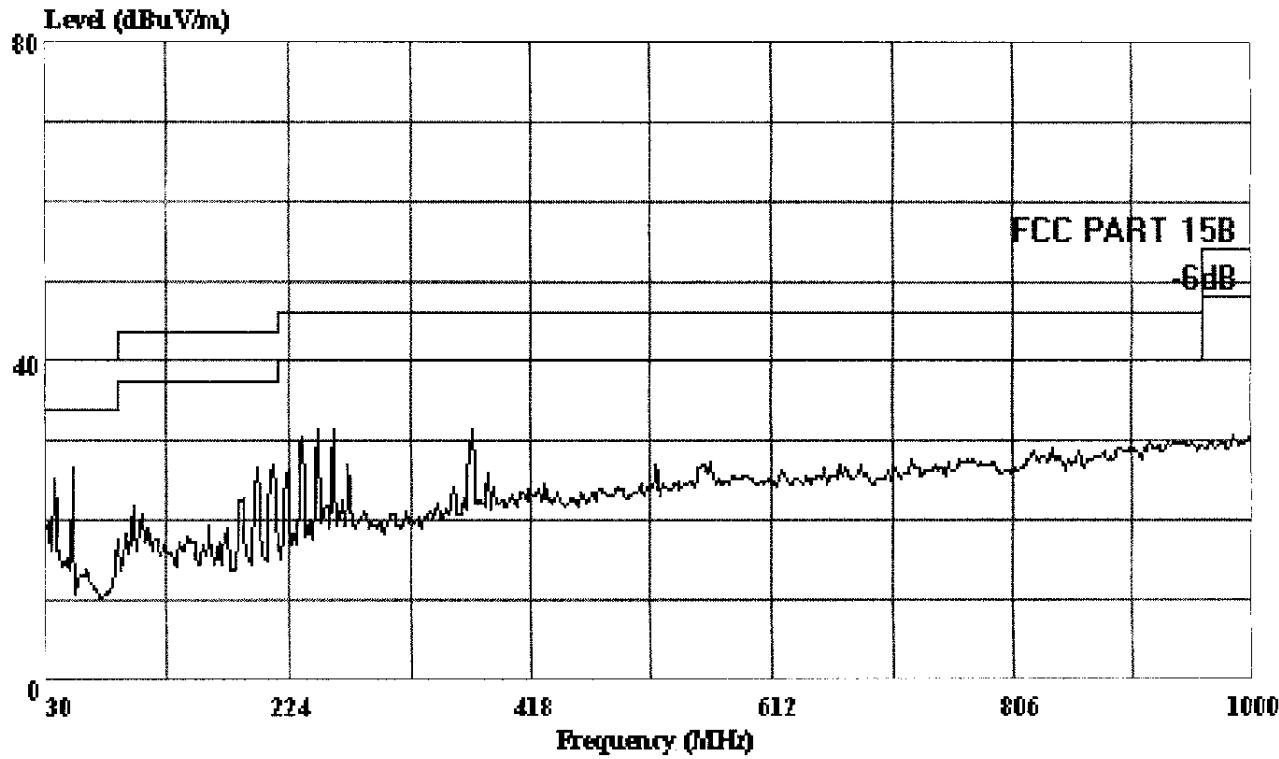


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Shenzhen Science & Ind. Park
Tel: 0755-6639495~7
Fax: 0755-6632877

Data#: 285 File#: ACTION.emi

Date: 2001-11-12 Time: 22:09:08



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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2598FACTOR VERTICAL

EUT: : 2.4GHz Wireless Camera

M/N: : XCM-151 (ACN-3560C)

POWER: : AC Adaptor Input 120V/60Hz EUT 12V

ON COND:: On

MEMO: : Channel 4

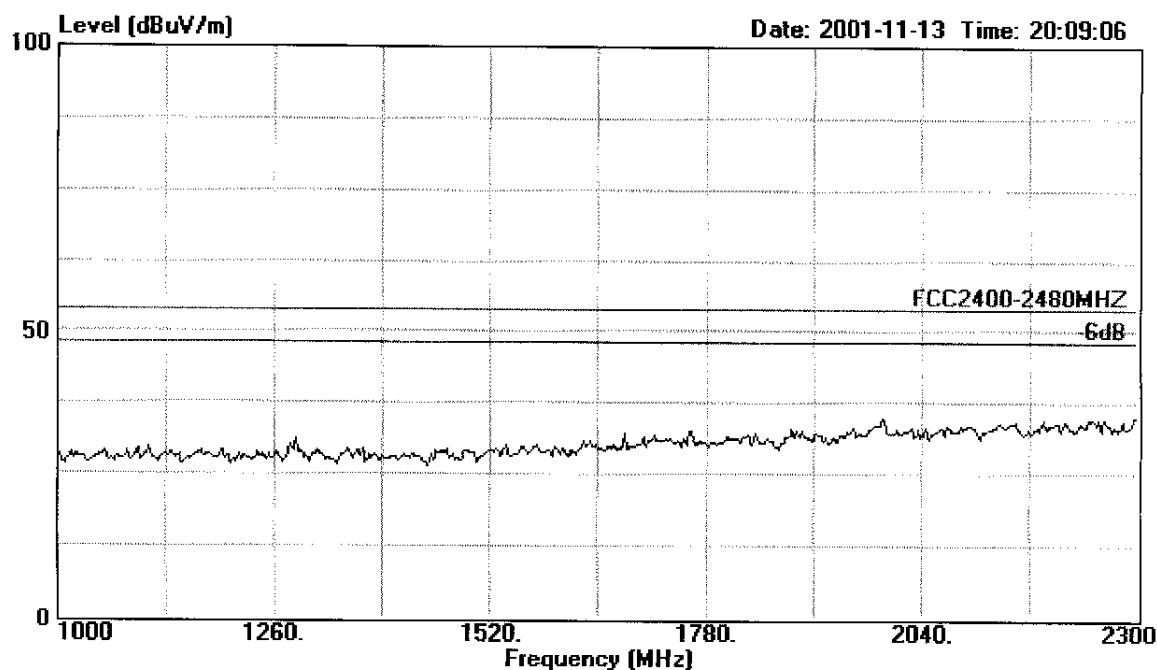


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AUDIX Technology (Shenzhen) Co., Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

Data#: 17 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XMC-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

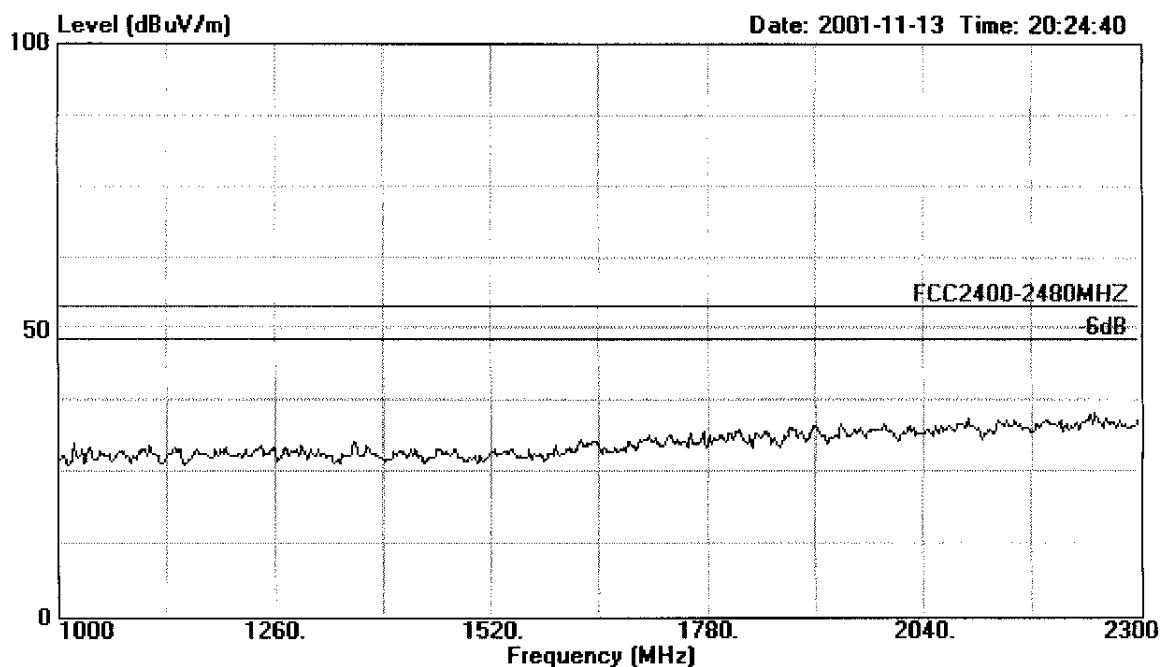


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XMC-151 (3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

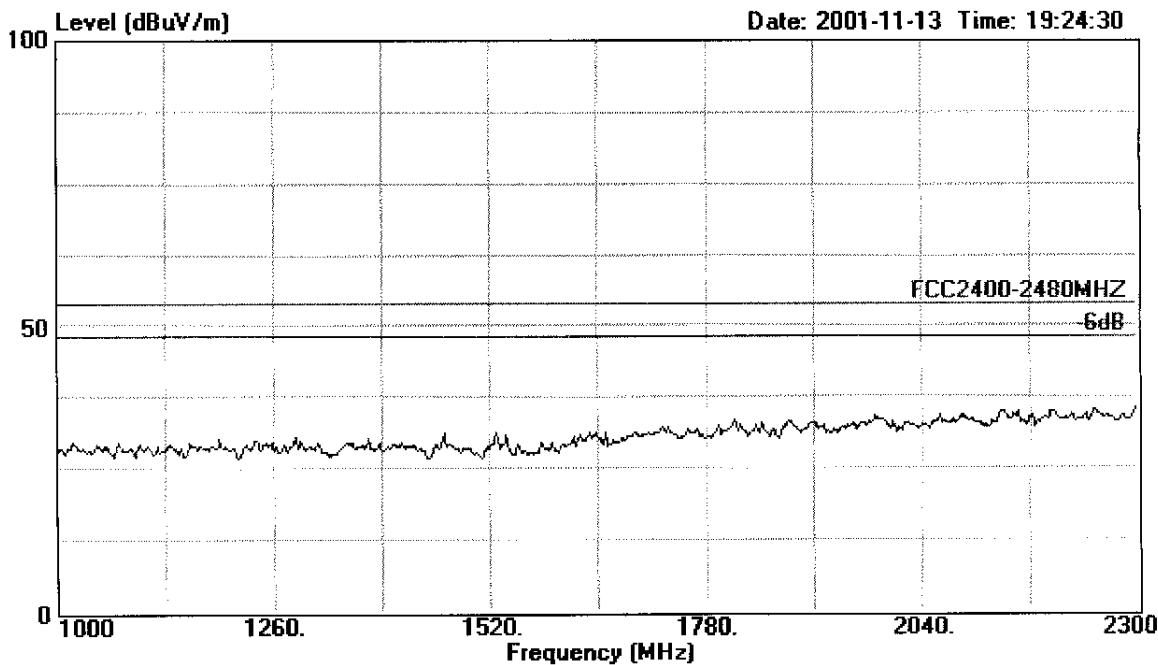


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AUDIX Technology (Shenzhen) Co.,Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

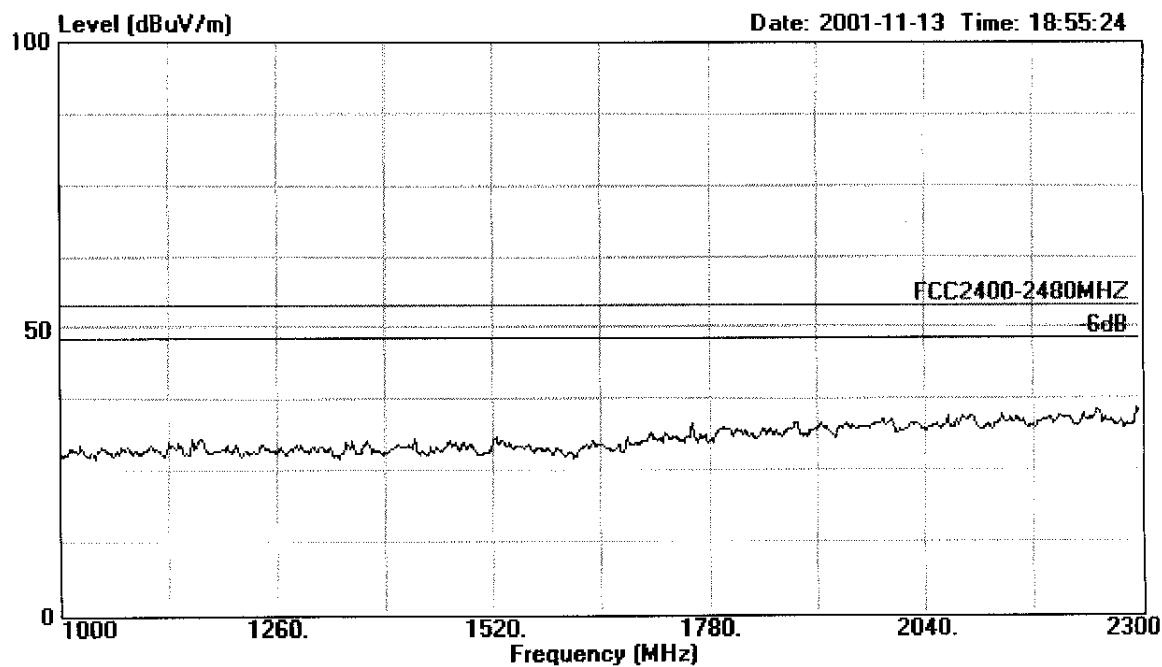


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Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 1 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

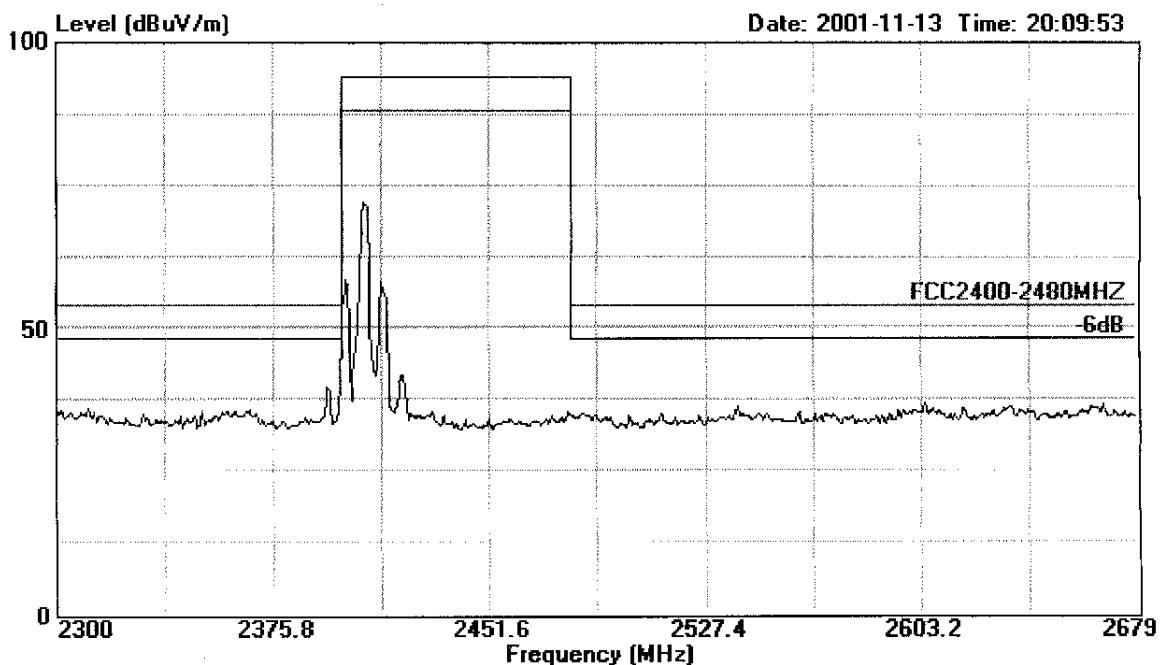


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No. 6, Ke Feng Road, Block 52,
 Shenzhen Science & Industry Park
 Nantou, Shenzhen, Guangdong, China
 Tel:+86-755-6639496 Fax:+86-755-6639496
 acsadmin@

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



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

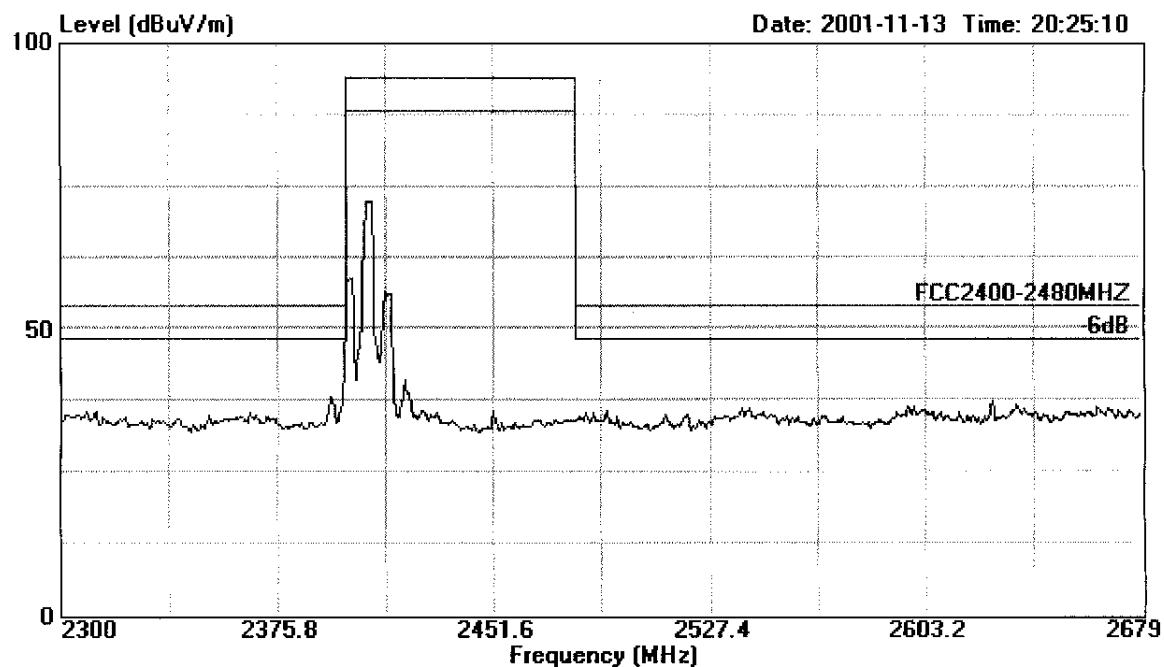


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Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 26 File#: C:\EMI TEST DATA\A\action.EMI



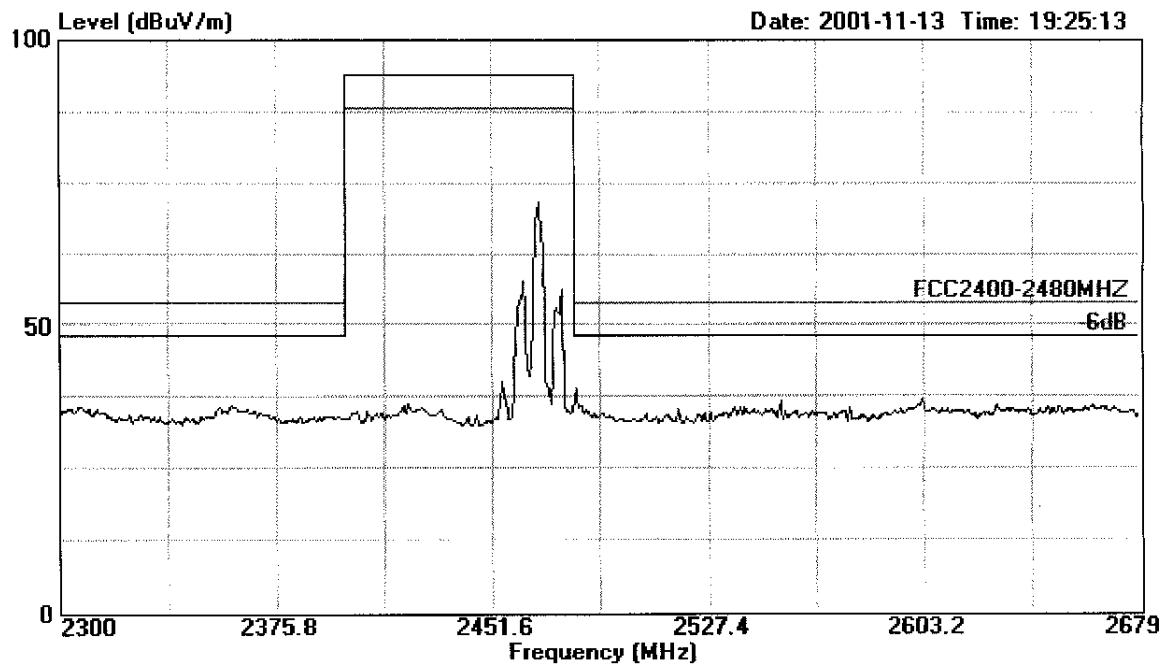
Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XMC-151 (3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1



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AUDIX Technology (Shenzhen) Co.,Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

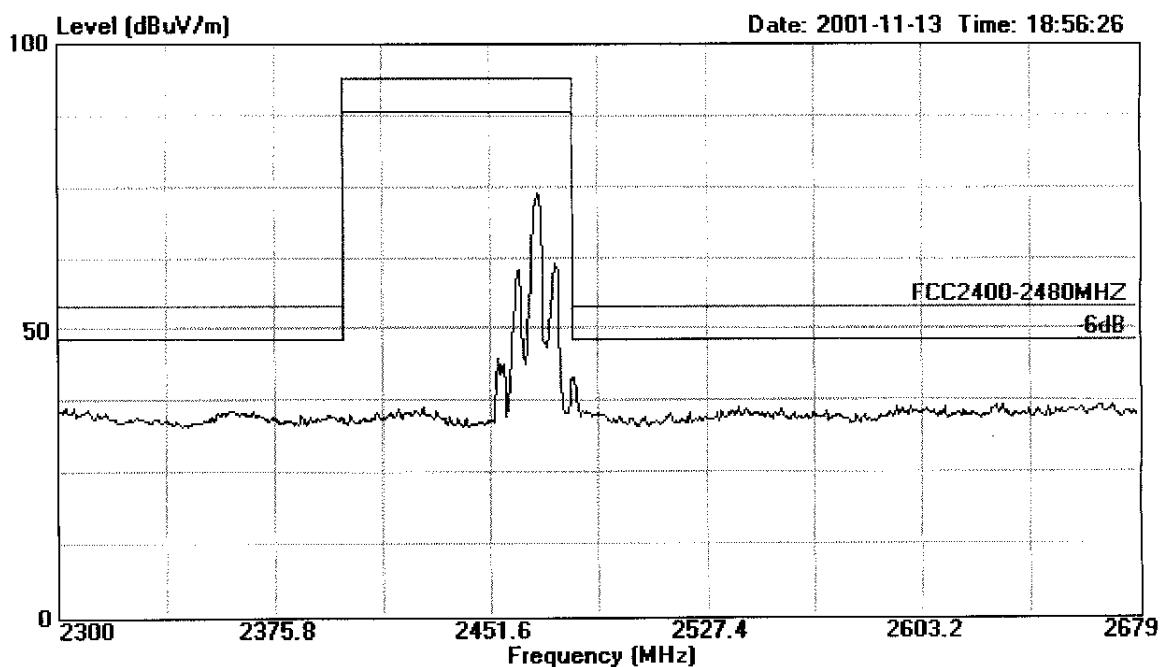


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

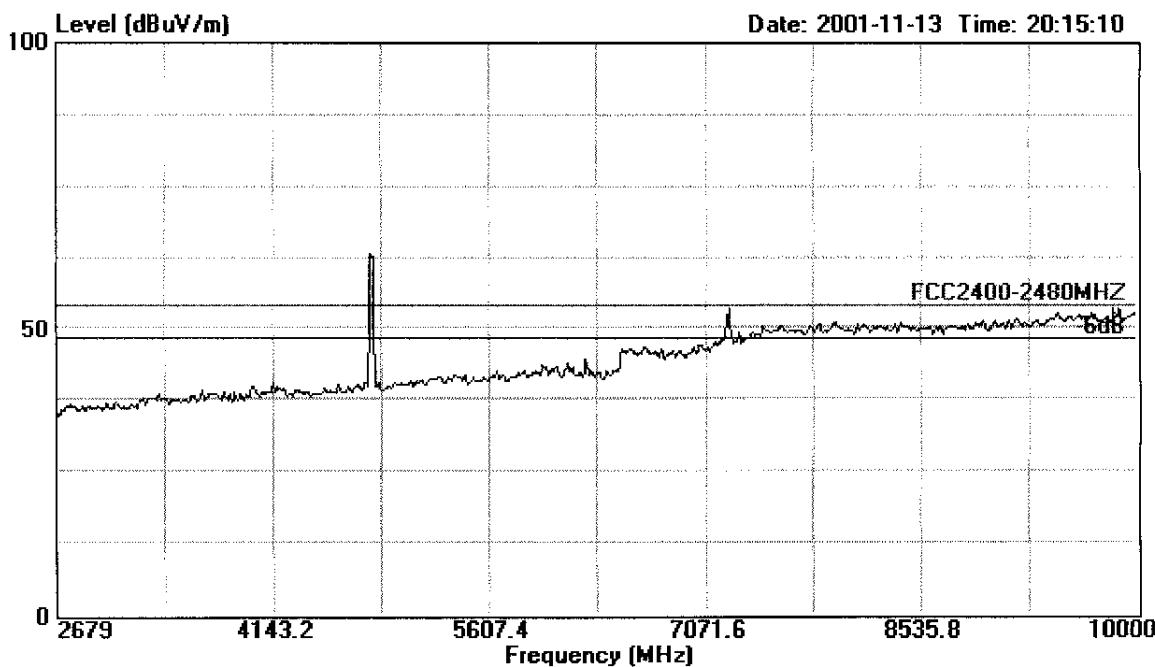


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

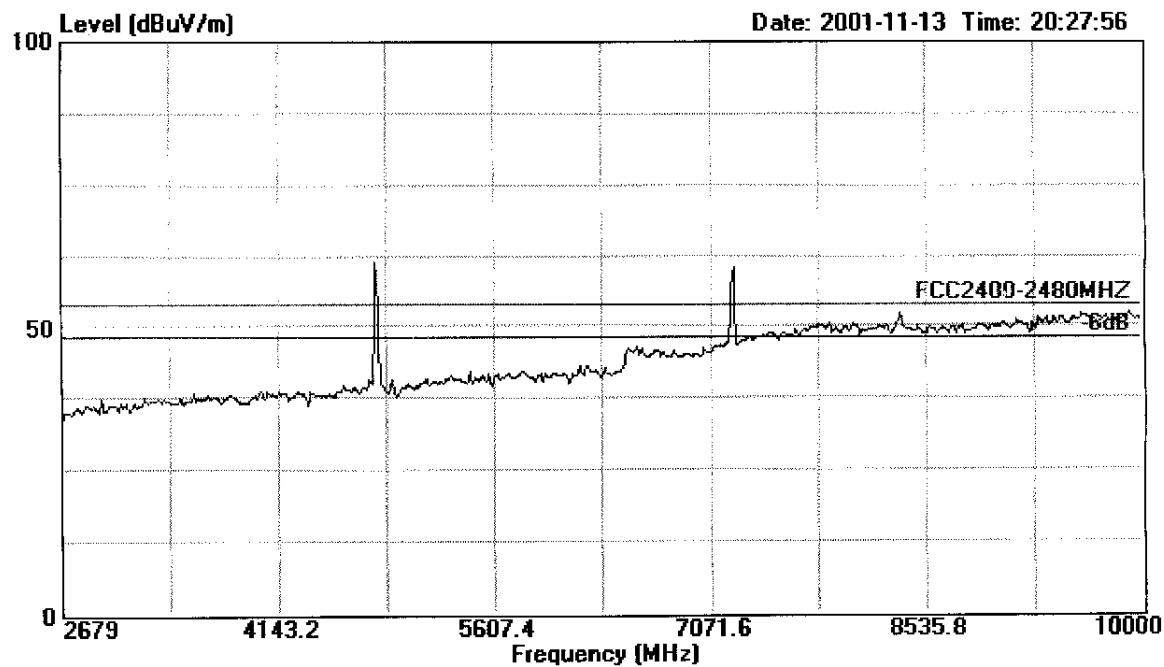


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site	:	1# Chamber
Condition	:	FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
EUT:	:	2.4GHz Wireless Camera
M/N:	:	XMC-151 (ACN-3560C)
Power:	:	AC Adaptor Input 120V/60Hz EUT 12V
Test Engineer:	:	Edwarehu
On Cond:	:	On
MEMO:	:	Channel 1

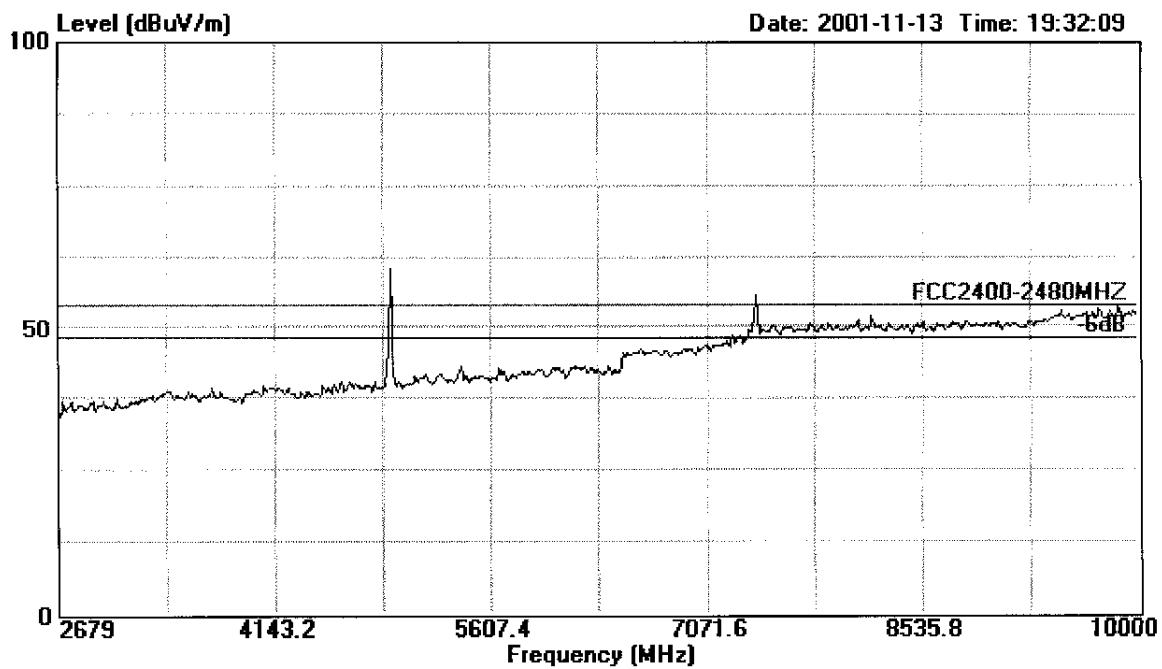


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Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel: +86-755-6639496 Fax: +86-755-6639496
acsadmin@

Data#: 13 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

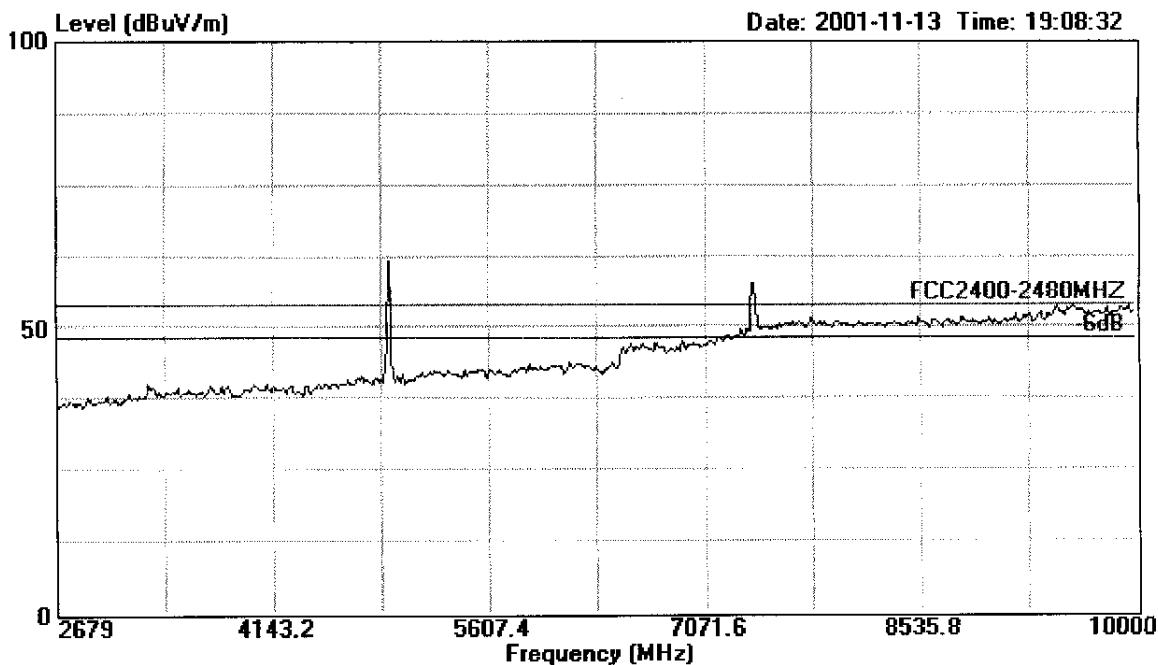


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel: +86-755-6639496 Fax: +86-755-6639496
acsadmin@

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



Site : 1# Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

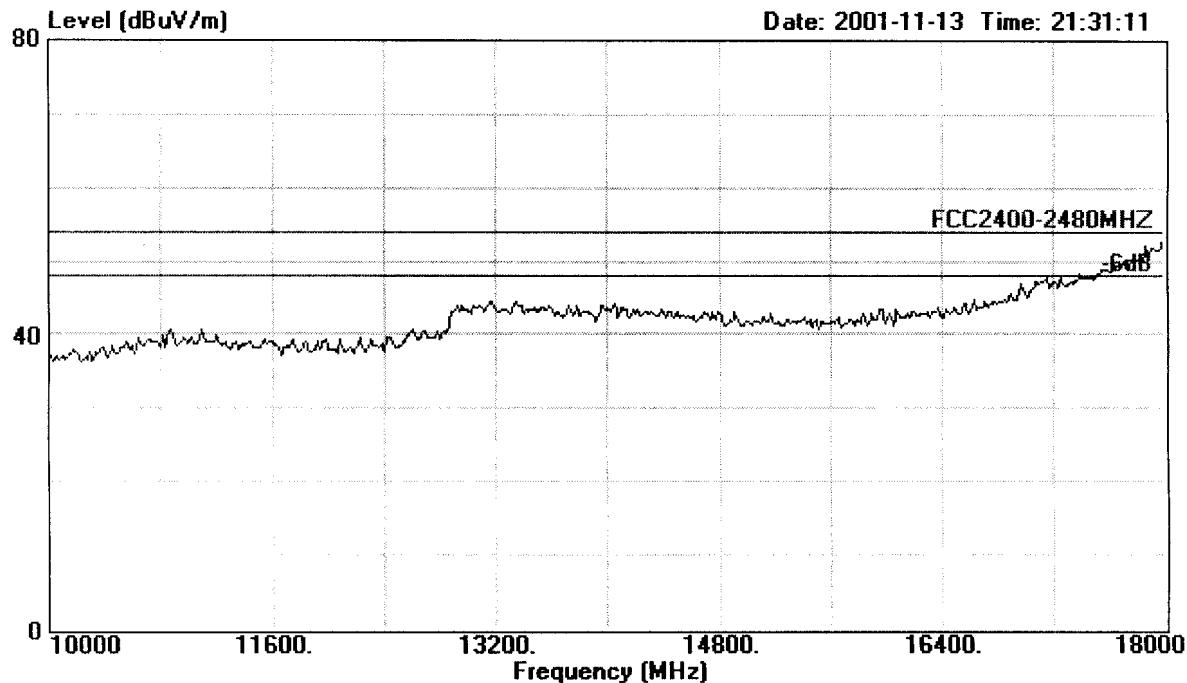


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Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
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Data#: 65 File#: C:\EMI TEST DATA\A\action.EMI



Site : 1#Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

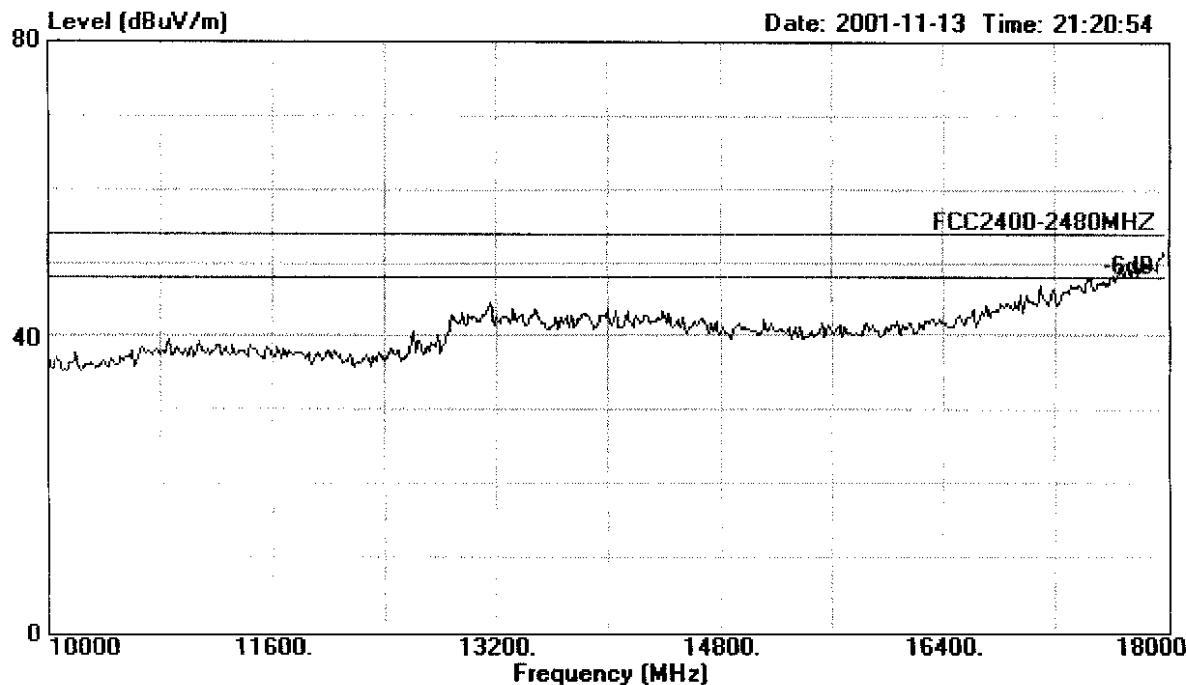


信華科技(深圳)有限公司

AUDIX Technology (Shenzhen) Co.,Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1#Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 1

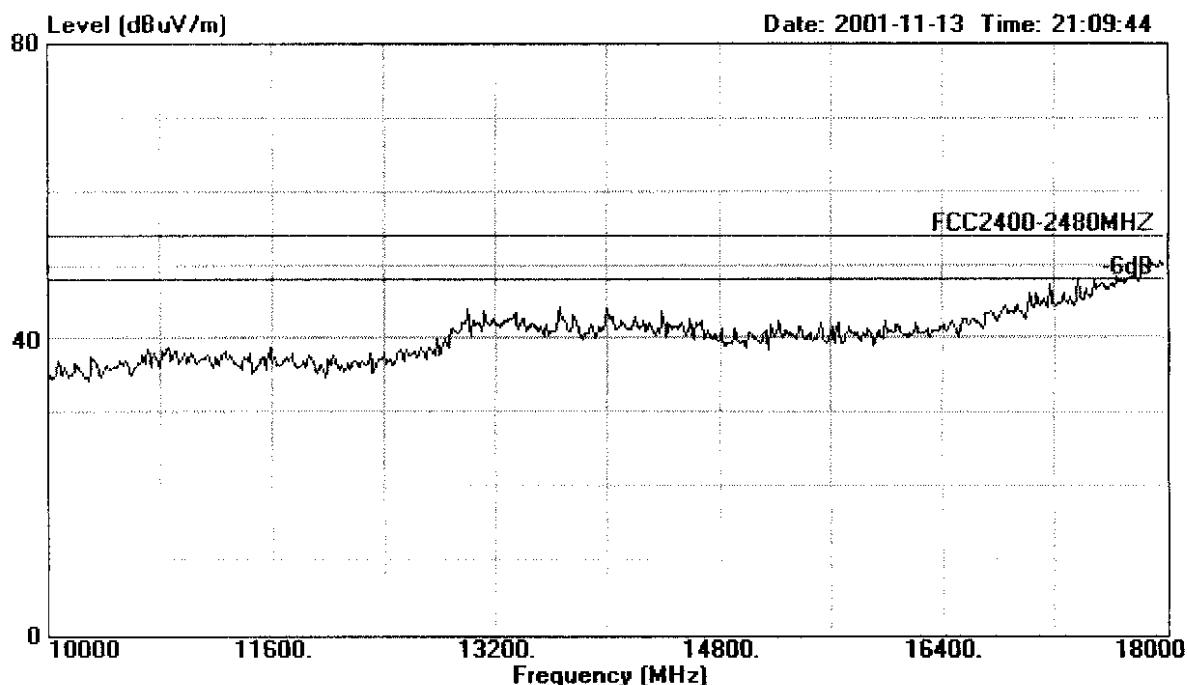


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AUDIX Technology (Shenzhen) Co., Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1#Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR HORIZONTAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

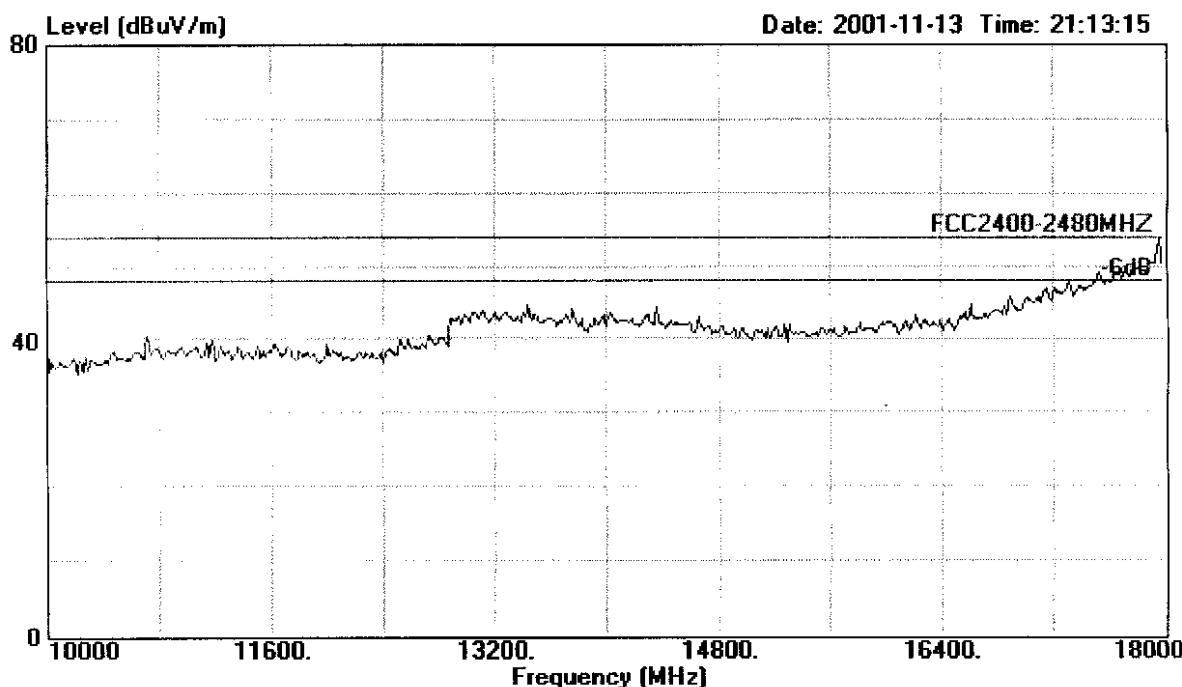


信華科技(深圳)有限公司

AUDIX Technology (Shenzhen) Co.,Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-6639496 Fax:+86-755-6639496
acsadmin@

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



Site : 1#Chamber
 Condition : FCC2400-2480MHZ 3m 3115FACTOR VERTICAL
 EUT: : 2.4GHz Wireless Camera
 M/N: : XCM-151 (ACN-3560C)
 Power: : AC Adaptor Input 120V/60Hz EUT 12V
 Test Engineer: : Edwarehu
 On Cond: : On
 MEMO: : Channel 4

APPENDIX III

