<u>APPLICANT</u> <u>MANUFACTURER</u>

X-10 USA, Inc. 91 Ruckman Road Closter, NJ 07624 X-10 Electronics Shenzhen Co. Ltd.

X-10 Building

Labour Industrial District Shenzhen, Xixiang, Bao An Guang Dong, China, 518102

TEST SPECIFICATION: FCC Rules and Regulations Part 15, Subpart C

TEST PROCEDURE: ANSI C63.4:1992

TEST SAMPLE DESCRIPTION

BRANDNAME: X-10

MODEL: AT11A FCC ID: B4SAT11A

TYPE: Wireless Audio Sender

FREQUENCY RANGE: 2.4 GHz to 2.4835 GHz

POWER REQUIREMENTS: 12 VDC derived from AC Adapter

TESTS PERFORMED

- 15.249(a) Radiated Emissions, Fundamental and Harmonics

- 15.294(c) Occupied Bandwidth

- 15.249(c)/15.209 Radiated Emissions, Spurious Case

- 15.207(a) Conducted Emissions

REPORT OF MEASUREMENTS

Applicant: X-10 (USA), Inc.

Device: 2.4 GHz Transmitter

FCC ID: B4SAT11A

Power Requirements: 12 VDC derived from AC Adapter

Applicable Rule Section: Part 15, Subpart C, Section 15.249

TEST RESULTS

15.207(a): The radio frequency voltage that was conducted back on to the AC power line on any frequency/frequencies within the bandwidth of 450kHz to 30MHz did not exceed 250 microvolts.

15.249(a): The unit operates in the 2.4 GHz –2.4835 GHz band at 4 frequencies as follows:

1) 2.41 GHz 2) 2.43 GHz

3) 2.45 GHz 4) 2.47 GHz

Field strength readings were taken at 3 frequencies (low, middle and high) because the device operates over a range greater than 10 MHz

The field strength of the fundamental did not exceed 50mV/M AVERAGE. The field strength of the harmonics did not exceed 500 V/M AVERAGE.

15.249(b): Field strength readings were taken at three meters unless otherwise noted.

15.249(c): Emissions radiated outside band edges are greater than 50 dB below the specified the level of the fundamental.

15.249(d): The peak field strength of any emission did not exceed the maximum permitted average field strength by more than 20dB under any condition of modulation.

EXHIBIT 4

Radiated Emissions, Fundamental & Harmonics

Para. 15.249(a)

Test Method	d:	FCC Par	t 15 Subpart C Ra	adiated Emissio	ns, Fundamenta	l & Harmonic E	missions	
Customer:		X-10 (U	SA)			Job No.	R-8677-1	
Test Sample	::	Wireless	Audio Sender			Paragraph:	15.249	
Model No.:		AT11A				FCC ID:	B4SAT11A	
Operating M	Iode:	Continuo	ously Transmitting	a 2410 MHz S	Signal			
Technician:		Peter La	nanna			Date:	November 16, 20	00
Notes:	Test Distar	nce: 3 Me	eters					
			ess otherwise spe	cified	C	Channel A		
T F.	Antei	nna	EUT	Meter	Correction	Corrected	Converted	Average
Test Freq.	Pol./H	eight	Orientation	Reading	Factor	Reading	Reading	Limit
MHz	(V/H)/N	Meters	X/Y/Z	dBuV	dB	dBuV/m	uV/m	uV/m
2410	H/2	2.0	X	72.3	3.0	75.3	5821.0	50000
	H / 2	2.3	Y	65.5	3.0	68.5	2660.7	
	H / 2	2.0	Z	69.9	3.0	72.9	4415.7	
	V / 2	2.5	X	64.5	3.0	67.5	2371.4	
	V / 2		Y	65.6	3.0	68.6	2691.5	
2410	V / 1	1.3	Z	69.3	3.0	72.3	4121.0	50000
4820	H / 2.3		X	46.4	-4.1	42.3	130.3	500
	H / 1		Y	51.1	-4.1	47.0	223.9	
	H / 2		Z	48.2	-4.1	44.1	160.3	
	V / 1.3		X	50.7	-4.1	46.6	213.8	
	V / 1		Y	49.2	-4.1	45.1	179.9	
4820	V / 1.3		Z	51.1	-4.1	47.0	223.9	500
7220	II / 1	1.0	v	22.0	2.0	22.0	20.0*	500
7230	H/1		X Y	32.0 32.0	-2.0 -2.0	32.0	39.8* 31.6*	500
	H / 1 H / 1		Z	32.0	-2.0	30.0	31.6*	
	V/1		X	32.0	-2.0	30.0	31.6*	
	V / 1		Y	32.0	-2.0	30.0	31.6*	1
7230	V/1		Z	32.0	-2.0	30.0	31.6*	500
7230	V / I		L	32.0	2.0	30.0	31.0	300
9640	H / 1	1.0	X	33.0	-1.9	31.1	35.9*	500
	H / 1		Y	33.0	-1.9	31.1	35.9*	
	H / 1		Z	33.0	-1.9	31.1	35.9*	i
<u> </u>	V / 1		X	33.0	-1.9	31.1	35.9*	i
İ	V / 1	1.0	Y	33.0	-1.9	31.1	35.9*	
9640	V/1	.0	Z	33.0	-1.9	31.1	35.9*	500
12050	TT / 1	1.0	v	22.0	2.0	26.0	60.2*	500
12050	H/1		X Y	33.0	3.8	36.8	69.2*	500
1	H / 1		Z	33.0	3.8	36.8	69.2*	1
	H / 1 V / 1		X	33.0 33.0	3.8	36.8 36.8	69.2* 69.2*	
1	V / 1		Y	33.0	3.8	36.8	69.2*	
12050	V / 1 V / 1		Z	33.0	3.8	36.8	69.2*	500
12030			ge was scanned fro					1 300
			the specified lim					
			asurements (Mini			not exceed the s	pecifica illino.	
	1,0100 1		(1711111		<i></i>			

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundament	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	X-10 (USA)	Job No.	R-8677-1					
Test Sample:	Wireless Audio Sender	Paragraph:	15.249					
Model No.:	AT11A	FCC ID:	B4SAT11A					
Operating Mode:	Continuously Transmitting a 2410 MHz Signal							
Technician:	Peter Lananna	Date:	November 16, 2000					
Notes: Test Distance: 3 Meters **=Readings taken @ 1 meter, correction factors includes test distance correction. Detector: Peak, Unless otherwise specified Channel A								

	Detector: Peak, Unl	ess otherwise spe	ecified	Ch	annel A		
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit
MHz	(V/H)-Meters	X/Y/Z	dBuV	dB	dBuV/m	uV/m	uV/m
14460	H / 1.0	X	33.0	10.8	43.8	154.9*	500
	H / 1.0	Y	33.0	10.8	43.8	154.9*	
	H / 1.0	Z	33.0	10.8	43.8	154.9*	
	V / 1.0	X	33.0	10.8	43.8	154.9*	
İ	V / 1.0	Y	33.0	10.8	43.8	154.9*	
14460	V/1.0	Z	33.0	10.8	43.8	154.9*	500
16870	H / 1.0	X	33.0	15.5	48.5	266.1*	500
	H / 1.0	Y	33.0	15.5	48.5	266.1*	
	H / 1.0	Z	33.0	15.5	48.5	266.1*	
	V / 1.0	X	33.0	15.5	48.5	266.1*	
	V / 1.0	Y	33.0	15.5	48.5	266.1*	
16870	V/1.0	Z	33.0	15.5	48.5	266.1*	500
19280	H / 1.0	X	30.0	22.9	52.9	441.6**	500
	H / 1.0	Y	30.0	22.9	52.9	441.6**	
	H / 1.0	Z	30.0	22.9	52.9	441.6**	
<u> </u>	V / 1.0	X	30.0	22.9	52.9	441.6**	İ
<u> </u>	V / 1.0	Y	30.0	22.9	52.9	441.6**	
19280	V/1.0	Z	30.0	22.9	52.9	441.6**	500
21690	H / 1.0	X	30.0	23.2	53.2	457.1**	500
	H / 1.0	Y	30.0	23.2	53.2	457.1**	
	H / 1.0	Z	30.0	23.2	53.2	457.1**	
	V / 1.0	X	30.0	23.2	53.2	457.1**	
	V / 1.0	Y	30.0	23.2	53.2	457.1**	
21690	V/1.0	Z	30.0	23.2	53.2	457.1**	500
24100	H / 1.0	X	30.0	23.4	53.4	467.7**	500
	H / 1.0	Y	30.0	23.4	53.4	467.7**	
	H / 1.0	Z	30.0	23.4	53.4	467.7**	
	V / 1.0	X	30.0	23.4	53.4	467.7**	
	V / 1.0	Y	30.0	23.4	53.4	467.7**	
24100	V/1.0	Z	30.0	23.4	53.4	467.7**	500
	The frequency rang	ge was scanned fr	om 30 MHz to 2	25 GHz. All emiss	sions not recorde	ed were more	
	Than 10 dB below	the specified lim	it. Emissions fr	om the EUT do n	ot exceed the spe	ecified limits.	
	*=Noise Floor Me	asurements (Min	imum system se	nsitivity)			

Test Method	d:	FCC Par	t 15 Subpart C Ra	adiated Emissio	ns, Fundamenta	l & Harmonic E	missions	
Customer:		X-10 (U	SA)			Job No.	R-8677-1	
Test Sample	:	Wireless	Audio Sender			Paragraph:	15.249	
Model No.:		AT11A				FCC ID:	B4SAT11A	
Operating M	Iode:	Continuo	ously Transmitting	a 2452 MHz S	Signal			
Technician:		Peter La				Date:	November 16, 20	00
Notes:	Test Dista				<u> </u>		,	
			ess otherwise spe	cified	C	Channel C		
		enna			Correction	Corrected	Converted	Average
Test Freq.	Pol./I	Height	Orientation	Reading	Factor	Reading	Reading	Limit
MHz	(V/H)/	Meters	X/Y/Z	dBuV	dB	dBuV/m	uV/m	uV/m
2452	H/		X	66.0	3.0	69.0	2818.4	50000
	H/	2.0	Y	67.4	3.0	70.4	3311.3	
	H/	3.0	Z	69.7	3.0	72.7	4315.2	
	V/	2.0	X	66.8	3.0	69.8	3090.3	i
	V/	2.0	Y	61.4	3.0	64.4	1659.6	
2452	V/	2.0	Z	61.7	3.0	64.7	1717.9	50000
4904	H / 1.5		X	55.4	-4.1	51.3	367.3	500
	H /		Y	50.8	-4.1	46.7	216.3	
	H /		Z	46.3	-4.1	42.2	128.8	
	V / 1.5		X	55.4	-4.1	51.3	367.3	
		1.8	Y	53.2	-4.1	49.1	285.1	
4904	V / 1.8		Z	53.4	-4.1	49.3	291.7	500
7256	TT /	1.0	37	32.0	2.0	22.0	20.0*	500
7356	H/		X Y	32.0	-2.0	32.0	39.8* 31.6*	500
	H /		Z	32.0	-2.0 -2.0	30.0	31.6*	
		1.0	X	32.0	-2.0	30.0	31.6*	
ı		1.0	Y	32.0	-2.0	30.0	31.6*	ı
7356		1.0	Z	32.0	-2.0	30.0	31.6*	500
7330	• • • •	1.0	L	32.0	2.0	30.0	31.0	300
9808	H/	1.0	X	33.0	-1.9	31.1	35.9*	500
	H/		Y	33.0	-1.9	31.1	35.9*	
	H/	1.0	Z	33.0	-1.9	31.1	35.9*	
	V/	1.0	X	33.0	-1.9	31.1	35.9*	
	V/	1.0	Y	33.0	-1.9	31.1	35.9*	
9808	V/	1.0	Z	33.0	-1.9	31.1	35.9*	500
100.00	TT /	1.0	37	22.0	2.0	26.0	CO 24	500
12260		1.0	X Y	33.0	3.8	36.8	69.2*	500
	1	1.0	Z	33.0	3.8	36.8	69.2*	
1	1	1.0	X	33.0 33.0	3.8	36.8 36.8	69.2* 69.2*	1
		1.0	Y	33.0	3.8	36.8	69.2*	
12260		1.0	Z	33.0	3.8	36.8	69.2*	500
14400			ge was scanned fro] 300
	-		the specified lim					
			asurements (Mini			not exceed the s	specifica illino.	
	-1 10150	1 1001 1410	aconomicino (1711111)					

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundament	tal & Harmonic F	Emissions
Customer:	X-10 (USA)	Job No.	R-8677-1
Test Sample:	Wireless Audio Sender	15.249	
Model No.:	AT11A	FCC ID:	B4SAT11A
Operating Mode:	Continuously Transmitting a 2452 MHz Signal		
Technician:	Peter Lananna Date:		November 16, 2000
Notes: Test Dista	ance: 3 Meters **=Readings taken @ 1 meter correction	factors includes	test distance correction

Notes: Test Distance: 3 Meters **=Readings taken @ 1 meter, correction factors includes test distance correction.

Detector: Peak, Unless otherwise specified Channel C

	Detector: Peak, Unl	ess otherwise spe	ecinea	Ch	annel C		
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit
MHz	(V/H)-Meters	X/Y/Z	dBuV	dB	dBuV/m	uV/m	uV/m
14712	H / 1.0	X	33.0	10.8	43.8	154.9*	500
	H / 1.0	Y	33.0	10.8	43.8	154.9*	
	H / 1.0	Z	33.0	10.8	43.8	154.9*	
	V / 1.0	X	33.0	10.8	43.8	154.9*	
i	V / 1.0	Y	33.0	10.8	43.8	154.9*	
14712	V/1.0	Z	33.0	10.8	43.8	154.9*	500
17164	H / 1.0	X	33.0	15.5	48.5	266.1*	500
	H / 1.0	Y	33.0	15.5	48.5	266.1*	
	H / 1.0	Z	33.0	15.5	48.5	266.1*	
İ	V / 1.0	X	33.0	15.5	48.5	266.1*	
	V / 1.0	Y	33.0	15.5	48.5	266.1*	
17164	V/1.0	Z	33.0	15.5	48.5	266.1*	500
19616	H / 1.0	X	30.0	22.9	52.9	441.6**	500
ĺ	H / 1.0	Y	30.0	22.9	52.9	441.6**	
İ	H / 1.0	Z	30.0	22.9	52.9	441.6**	
ĺ	V / 1.0	X	30.0	22.9	52.9	441.6**	İ
ĺ	V / 1.0	Y	30.0	22.9	52.9	441.6**	
19616	V/1.0	Z	30.0	22.9	52.9	441.6**	500
22068	H / 1.0	X	30.0	23.2	53.2	457.1**	500
	H / 1.0	Y	30.0	23.2	53.2	457.1**	
	H / 1.0	Z	30.0	23.2	53.2	457.1**	
	V / 1.0	X	30.0	23.2	53.2	457.1**	
	V / 1.0	Y	30.0	23.2	53.2	457.1**	
22068	V/1.0	Z	30.0	23.2	53.2	457.1**	500
24520	H / 1.0	X	30.0	23.4	53.4	467.7**	500
	H / 1.0	Y	30.0	23.4	53.4	467.7**	
	H / 1.0	Z	30.0	23.4	53.4	467.7**	
	V / 1.0	X	30.0	23.4	53.4	467.7**	
	V / 1.0	Y	30.0	23.4	53.4	467.7**	
24520	V/1.0	Z	30.0	23.4	53.4	467.7**	500
	The frequency rang	ge was scanned fr	om 30 MHz to 2	5 GHz. All emiss	sions not recorde	ed were more	
	Than 10 dB below				ot exceed the spe	ecified limits.	
	*=Noise Floor Me	asurements (Min	imum system se	nsitivity)			

Test Metho	d: F	FCC Par	t 15 Subpart C Ra	adiated Emissio	ns, Fundamenta	l & Harmonic E	missions	
Customer:	Σ	K-10 (US	SA)			Job No.	R-8677-1	
Test Sample	: \	Wireless	Audio Sender			Paragraph:	15.249	
Model No.:	A	AT11A				FCC ID:	B4SAT11A	
Operating N	Mode: (Continuo	ously Transmitting	ga 2472 MHz S	Signal			
Technician:	F	Peter Lai	nanna			Date:	November 16, 20	00
Notes:	Test Distance	e: 3 Me	eters					
	Detector: Pe	eak, Unl	ess otherwise spe	cified	C	Channel D		
Test Freq.	Anteni	na	EUT	Meter	Correction	Corrected	Converted	Average
restrieq.	Pol./He	ight	Orientation	Reading	Factor	Reading	Reading	Limit
MHz	(V/H)/M	eters	X/Y/Z	dBuV	dB	dBuV/m	uV/m	uV/m
2472	H/1.	8	X	67.4	3.0	70.4	3311.3	50000
	H/3.	0	Y	62.4	3.0	65.4	1862.1	
	H / 2.		Z	68.1	3.0	71.1	3589.2	
	V / 1.		X	67.8	3.0	70.8	3467.4	
	V / 1.		Y	60.2	3.0	63.2	1445.4	
2472	V / 2.	3	Z	56.2	3.0	59.2	912.0	50000
4944	H/1.	5	X	53.7	-4.1	49.6	302.0	500
4944	H / 1.		Y	50.0	-4.1 -4.1	45.9	197.2	300
	H / 28		Z	49.6	-4.1	45.5	188.4	
	V / 1.		X	47.8	-4.1	43.7	153.1	
	V / 1.		Y	52.4	-4.1	48.3	260.0	
4944	V / 1.		Z	47.9	-4.1	43.8	154.9	500
-								
7416	H/1.	0	X	32.0	-2.0	32.0	39.8*	500
	H/1.	0	Y	32.0	-2.0	30.0	31.6*	
	H/1.	0	Z	32.0	-2.0	30.0	31.6*	
	V / 1.		X	32.0	-2.0	30.0	31.6*	
	V / 1.		Y	32.0	-2.0	30.0	31.6*	
7416	V/1.0)	Z	32.0	-2.0	30.0	31.6*	500
9888	H / 1.	0	X	33.0	-1.9	31.1	35.9*	500
7888	H/1.		Y	33.0	-1.9	31.1	35.9*	300
	H/1.		Z	33.0	-1.9	31.1	35.9*	
	V / 1.		X	33.0	-1.9	31.1	35.9*	
	V / 1.		Y	33.0	-1.9	31.1	35.9*	
9888	V/1.0		Z	33.0	-1.9	31.1	35.9*	500
12360	H / 1.		X	33.0	3.8	36.8	69.2*	500
	H/1.		Y	33.0	3.8	36.8	69.2*	
	H/1.		Z	33.0	3.8	36.8	69.2*	
	V / 1.		X	33.0	3.8	36.8	69.2*	
10060	V / 1.		Y	33.0	3.8	36.8	69.2*	500
12360	V/1.0		Z	33.0	3.8	36.8	69.2*	500
	*		ge was scanned fro					
			the specified limasurements (Mini-			not exceed the s	specified fimits.	
	-INDISC FI	OUI ME	asurements (Willi	mum system ser	istu vity)			

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundament	al & Harmonic E	Emissions
Customer:	X-10 (USA) Job No. R-8677-		R-8677-1
Test Sample:	Wireless Audio Sender	Paragraph:	15.249
Model No.:	AT11A	FCC ID:	B4SAT11A
Operating Mode:	Continuously Transmitting a 2472 MHz Signal		
Technician:	Peter Lananna	Date:	November 16, 2000
Notes: Test Di	stance: 3 Meters **=Readings taken @ 1 meter, correction	factors includes	test distance correction.
Detecto	r: Peak, Unless otherwise specified	Channel D	

	Detector: Peak, Unl	ess otherwise spe			Channel D				
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit		
MHz	(V/H)-Meters	X/Y/Z	dBuV	dB	dBuV/m	uV/m	uV/m		
14832	H / 1.0	X	33.0	10.8	43.8	154.9*	500		
	H / 1.0	Y	33.0	10.8	43.8	154.9*			
İ	H / 1.0	Z	33.0	10.8	43.8	154.9*	İ		
İ	V / 1.0	X	33.0	10.8	43.8	154.9*	İ		
	V / 1.0	Y	33.0	10.8	43.8	154.9*			
14832	V/1.0	Z	33.0	10.8	43.8	154.9*	500		
17304	H / 1.0	X	33.0	15.5	48.5	266.1*	500		
17304	H / 1.0	Y	33.0	15.5	48.5	266.1*	300		
<u> </u>	H / 1.0	Z	33.0	15.5	48.5	266.1*			
	V / 1.0	X	33.0	15.5	48.5	266.1*			
	V / 1.0	Y	33.0	15.5	48.5	266.1*			
17304	V/1.0	Z	33.0	15.5	48.5	266.1*	500		
1,00.	7,710			10.0	10.0	200.1	200		
19776	H / 1.0	X	30.0	22.9	52.9	441.6**	500		
	H / 1.0	Y	30.0	22.9	52.9	441.6**			
i	H / 1.0	Z	30.0	22.9	52.9	441.6**	İ		
İ	V / 1.0	X	30.0	22.9	52.9	441.6**	İ		
İ	V / 1.0	Y	30.0	22.9	52.9	441.6**	İ		
19776	V/1.0	Z	30.0	22.9	52.9	441.6**	500		
22248	H / 1.0	X	30.0	23.2	53.2	457.1**	500		
	H / 1.0	Y	30.0	23.2	53.2	457.1**	300		
<u> </u>	H / 1.0	Z	30.0	23.2	53.2	457.1**			
<u> </u>	V / 1.0	X	30.0	23.2	53.2	457.1**			
	V / 1.0	Y	30.0	23.2	53.2	457.1**			
22248	V/1.0	Z	30.0	23.2	53.2	457.1**	500		
24720	H / 1.0	V	20.0	22.4	53.4	467.7**	500		
24720		X Y	30.0	23.4			500		
	H / 1.0		30.0	23.4	53.4	467.7**			
	H / 1.0 V / 1.0	Z X	30.0	23.4	53.4 53.4	467.7** 467.7**			
1		Y				467.7**			
24720	V / 1.0	Z	30.0	23.4	53.4	467.7**	500		
24720	V/1.0		30.0	23.4	53.4		500		
	The frequency range Than 10 dB below								
	*=Noise Floor Me				ot exceed the spe	CITIEU IIIIIIIS.			

EXHIBIT 4

Spurious Emissions

Para. 15.249(c)

Test Metho	d:	FCC	Part 15 Subpar	t C, Spurious	Case Radiated	Emissions, Paragrap	h 15.209(a)	
Customer:		X-10	(USA)	•		Job No	o. R-8677-1	
Test Sample	e:	Wire	less Audio Sen	der		FCC ID	. B4SAT11A	
Model No.:		AT1	1A			Serial N	o. N/A	
Operating I	Mode:	Cont	inuously Transı	nitting a 2410) MHz Signal			
Technician:			Lananna			Date	November 16, 2	000
Notes:	Test Dista	ance: 3	Meters	Temp:19C	Humidity:	46%		
	Detector:	Quasi	i-Peak Below 3	0 MHz to 1 G	Hz, Peak above	1 GHz		
	Antenn	na	EUT	Meter	Correction	Corrected	Converted	I IMIT
Test Freq.	Positio	n	Orientation	Readings	Factor	Reading	Reading	LIMIT
MHz	(V/H) /		Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00								100
1								1
İ								
1								1
88.00								100
88.00								150
1								
								i
i								i
	Nο	am	iccionc	ohearw	ad at an	ecified test	dictores	
	110	em	18810118	onserv	eu at spe	ecinea test	distance	
216.00								150
216.00								200
1								
960.00								200
960.00								500
1								
1								i
1000.0								500
			canned from 30					
						cified limits. Emission	ons not recorded	
	were mor	re than	10dB under the	specified lin	nit			

Test Metho	d:	FCC F	Part 15 Subpart	C, Spurious	Case Radiated	Emissions, Paragraph	15.209(a)	
Customer:		X-10	•			Job No.	1 ' '	
Test Sample	e:	Wirele	ess Audio Send	er		FCC ID.	B4SAT11A	
Model No.:		AT11.	A			Serial No.	N/A	
Operating I	Mode:	Contir	nuously Transm	itting a 2452	2 MHz Signal			
Technician:			Lananna			Date:	November 16, 2	000
Notes:	Test Dista	ance: 3	Meters	Temp:19C	Humidity:	46%		
	Detector:	Quasi-		-	Hz, Peak above			
	Anten	ına	EUT	Meter	Correction	Corrected	Converted	1 D 000
Test Freq.	Positi		Orientation	Readings	Factor	Reading	Reading	<u>LIMIT</u>
MHz	(V/H) / M	leters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00								100
1								
1 88.00								100
88.00								100 150
1								130
<u>.</u>								
								1
·	No	ami	ccione o	heary	ad at cne	ecified test	distance	'
	110	CIIII	2210112 C	JOSEI VO	eu at spi	ecified test	uistance	
216.00								150
216.00								200
								1
1								
960.00								200
960.00								500
1								
1								i
1000.0								500
			nned from 30 N					
						cified limits. Emission	s not recorded	
	were mor	re than 1	0dB under the	specified lin	nit			

Test Metho	d:	FCC	Part 15 Subpar	t C, Spurious	Case Radiated	Emissions, Paragraph	15.209(a)	
Customer:			(USA)			Job No		
Test Sample	e:	Wire	less Audio Sen	der		FCC ID.	B4SAT11A	
Model No.:		AT11	1A			Serial No	. N/A	
Operating I	Mode:	Conti	nuously Transr	nitting a 2472	2 MHz Signal	<u>.</u>	•	
Technician:			Lananna			Date	: November 16, 2	000
Notes:	Test Dista	ance: 3	Meters	Temp:19C	Humidity:	46%	•	
	Detector:	Quasi	-Peak Below 3	_	Hz, Peak above			
	Anten	na	EUT	Meter	Correction	Corrected	Converted	
Test Freq.	Positio		Orientation	Readings	Factor	Reading	Reading	<u>LIMIT</u>
MHz	(V/H) / M	leters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00								100
1								
88.00								100
88.00								150
1								
	No	em	issions	observ	ed at spo	ecified test	distance	
					<u>_</u>			
216.00								150
216.00								200
								1
								i
1								i
960.00								200
960.00								500
1								
1								
1000.0								500
			anned from 30					
						cified limits. Emissio	ns not recorded	
	were moi	re than	10dB under the	specified lin	nit			

EXHIBIT 4

Occupied Bandwidth

Para. 15.249(c)

(See separate e-file attachment named Occbw.pdf)

