Technical Information

Applicant		Manufacturer	
Name:	Fisher Price Inc.	Name:	Fisher Price Inc.
Address:	636 Girard Avenue	Address:	636 Girard Avenue
City, State, Zip:	East Aurora, NY 14052	City, State, Zip:	East Aurora, NY 14052

Test Specification: FCC Rules and Regulations Part 15, Subpart C, Para. 15.247

Test Procedure: ANSI C63.4:2003

Test Sample Description

Test Sample:	Wireless Microphone Base Unit
Brandname:	Star Performance
Model Number:	L3182
Type:	2.4 GHz Spread Spectrum Transceiver
Power Requirements:	6.0 VDC derived from 4 fully charged AA Batteries
Frequency of Operation:	2.401 to 2.478 GHz

Tests Performed

Para. 15.247(a)(2)	6 dB Bandwidth
Para. 15.247(b) (3)	Output Power
Para. 15.247 (d)	Transmitter Spurious Radiated Emissions, Restricted Bands
Para. 15.247 (d) (e)	Power Spectral Density
Para. 15.109 (a)	Digital Device Spurious Radiated Emissions

Report of Measurements

Applicant: Fisher Price Inc.

Device: Wireless Microphone Base Unit

FCC ID: CCTL3182-07-B

Power Requirements: 6.0 VDC derived from fully charged 4 AA Batteries

Applicable Rule Section: Part 15, Subpart C, Section 15.247

Test Results

15.247 (a) (2)
The minimum 6 dB bandwidth measured 883 kHz and was no less than 500 kHz.

15.247 (b) (3)
The device operates in the 2400 - 2483.5 MHz band. The maximum peak output power measured to be 0.31 mWatts and did not exceed 1 watt.

15.247 (b) (4)
The system operating under the provisions of this section is operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. The maximum Output Power was measured to be 0.31 mWatts.

15.247 (d)
In any 100 kHz bandwidth outside the frequency band in which the Spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator is at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. All emissions, which fell within the restricted bands specified in 15.205(a), were measured and found to be in compliance with the limits specified in 15.209(a).

15.247 (d) (e)
The maximum power spectral density measured to be -19.3 dBm and does not exceed 8 dBm in any 3 kHz band.

15.109 (a)
The field strength of spurious radiated emissions did not exceed the class B limits specified.

Spectrum Analyzer Desensitization Considerations

Due to the nature of the emissions being measured, care was taken to ensure that the resolution bandwidth of the spectrum analyzer was adequate to provide accurate measurements. FCC specified bandwidths of 100 kHz and 1 MHz were utilized below and above 1 GHz, respectively.

General Notes

1. All readings were taken utilizing a peak and/or average detector function at a test distance of 3 meters.

2. All measurements were made with fully charged Batteries.

3. The frequency range was scanned from 30 MHz to 25 GHz. All emissions not reported were more than 20 dB below the specified limit.

4. For transmitter testing, the device was operated at the following frequencies:

Low Band	Middle Band	Upper Band
2.401 GHz	2.439 GHz	2.478 GHz

   The device incorporates two radio transmitters (A and B). Each transmitter was tested individually. Note: due to the nature of the design, the radios cannot operate together; they must operate one at a time.

5. For digital device testing, device was powered on without the transmitter operating.

6. The device was tested with the following external accessories:
   Panasonic VCR
   1.9 meter audio cable

Modifications

The following modifications were made to the EUT during the course of this testing program in order to ensure compliance:

- Two wide band ferrite bead inductors, L4 and L5 were added to the 27 MHz oscillator circuit in the imager section. Part number: BLM41AF151SN1 Manufactured by Murata Manufacturing Co., LTD.

Certification and Signatures

We certify that this report is a true representation of the results obtained from the tests of the equipment stated. We further certify that the measurements shown in this report were made in accordance with the procedures indicated and vouch for the qualifications of all Retlif Testing Laboratories personnel taking them.

Donald C. Lerner
EMC Test Engineer

Richard J. Reitz
Laboratory Manager
NARTE Certified Engineer ATL-0036-E

Non-Warranty Provision
The testing services have been performed, findings obtained and reports prepared in accordance with generally accepted laboratory principles and practices. This warranty is in lieu of all others, either expressed or implied.

Non-Endorsement
This test report contains only findings and results arrived at after employing the specific test procedures and standards listed herein. It is not intended to constitute a recommendation, endorsement or certification of the product or material tested. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

Equipment List

FCC Part 15, Subpart B, Spurious Case Radiated Emissions, 15.247(d)

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3 Meter	RNY	9/12/2006	9/12/2009
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	6/27/2006	6/27/2007
141	Spectrum Analyzer	Hewlett Packard	100 Hz - 40 GHz	8566B	10/10/2006	4/10/2007
141B	Quasi-Peak Adaptor	Hewlett Packard	100 Hz - 1 GHz	85650A	10/9/2006	4/9/2007
206B	6.0 dB Attenuator	Texscan	0 - 1.0 GHz	FP-50 - 6 dB	6/27/2006	6/27/2007
224	Shielded Enc. (24x20x12)	Universal Shielding	100dB, 14kHz - 10GHz	1	3/31/2006	3/31/2007
224B	Shielded Enc. (8x8x12)	Universal Shielding	100dB, 14kHz - 10GHz	1B	3/31/2006	3/31/2007
512	Graphics Plotter	Hewlett Packard	N/A	7470A	10/18/2006	10/18/2007
523	Biconilog	Electro-Mechanics	26 - 2000 MHz	3142B	11/10/2006	11/10/2007
617	Interference Analyzer	Electro-Metrics	10 kHz - 1 GHz	EMC-30	2/21/2006	3/21/2007
712	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESI26	9/26/2006	9/26/2007
712A	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	6/3/2006	6/3/2007
712B	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	8/21/2006	8/21/2007
712C	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	6/3/2006	6/3/2007
767	Biconilog	EMCO	26 - 2000 MHz	3142B	10/12/2006	10/12/2007

Occupied Bandwidth, Spurious Case Radiated Emissions, Power Output, Power Spectral Density

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3 Meter	RNY	9/12/2006	9/12/2009
128	Double Ridged Guide	Electro-Mechanics	1 GHz - 18 GHz	3105	3/27/2006	3/27/2007
129E	High Gain Horn Antenna	Microlab/FXR	18 GHz - 26.5 GHz	K638A	9/20/2006	9/20/2007
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	6/27/2006	6/27/2007
141	Spectrum Analyzer	Hewlett Packard	100 Hz - 40 GHz	8566B	10/10/2006	4/10/2007
141B	Quasi-Peak Adaptor	Hewlett Packard	100 Hz - 1 GHz	85650A	10/9/2006	4/9/2007
141C	Cable	Retlif	1 GHz ~ 18 GHz	1 METER, BLUE	1/4/2006	4/10/2007
141D	Cable	Retlif	1 GHz ~ 18 GHz	10 METER, BLACK	1/4/2006	4/10/2007
206B	6.0 dB Attenuator	Texscan	0 - 1.0 GHz	FP-50 - 6 dB	6/27/2006	6/27/2007
224	Shielded Enc. (24x20x12)	Universal Shielding	100dB, 14kHz - 10GHz	1	3/31/2006	3/31/2007
224B	Shielded Enc. (8x8x12)	Universal Shielding	100dB, 14kHz - 10GHz	1B	3/31/2006	3/31/2007
420	Amplifier	Hewlett Packard	2.0 GHz - 18 GHz	11975A	11/14/2006	11/14/2007
421	Harmonic Mixer	Hewlett Packard	18 GHz - 26.5 GHz	11970K	10/3/2006	10/3/2009
512	Graphics Plotter	Hewlett Packard	N/A	7470A	10/18/2006	10/18/2007
523	Biconilog	Electro-Mechanics	26 - 2000 MHz	3142B	11/10/2006	11/10/2007
543	Preamplifier	Hewlett Packard	1.0 GHz - 26.5 GHz	8449B	9/9/2005	9/9/2007
617	Interference Analyzer	Electro-Metrics	10 kHz - 1 GHz	EMC-30	2/21/2006	3/21/2007
712	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESI26	9/26/2006	9/26/2007
712A	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	6/3/2006	6/3/2007
712B	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	8/21/2006	8/21/2007
712C	Cable	Retlif	10 kHz - 18 GHz	R&S Analyzer	6/3/2006	6/3/2007
723	H.P. Filter	Mini-Circuits	1 GHz	BHP-1000	8/7/2006	8/7/2007
767	Biconilog	EMCO	26 - 2000 MHz	3142B	10/12/2006	10/12/2007

FCC Part 15, Subpart B, Class B, Radiated Emissions, 30 MHz to 1 GHz, Paragraph 15.109(a)

Test Method:	FCC Part 15, Subpart B, Class B, Radiated Emissions, 30 MHz to 1 GHz, Para. 15.109(a) Retest		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	EUT in standby mode.		
Technician:	R. Soodoo	**Date:**	March 1, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak Below 1 GHz, Peak above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
|							|
42.90	V / 1.0	158.0	22.0	14.3	36.3	65.3	|
|							|
88.00							100
88.00							150
|							|
143.1	V / 1.0	0.0	8.0	9.9	17.9	7.9	|
157.5	H / 2.0	90.0	11.0	10.9	21.9	12.4	|
162.0	V / 1.0	315.0	24.0	10.9	34.9	55.6	|
171.8	V / 1.0	315.0	13.0	10.8	23.8	15.5	|
189.0	V / 1.0	90.0	23.0	12.7	35.7	61.0	|
							|
|							|
216.0							150
216.0							200
|							|
216.1	V / 1.0	0.0	27.0	13.0	40.0	100.0	|
243.0	V / 1.0	225.0	21.0	14.0	35.0	56.2	|
270.0	H / 1.0	180.0	19.0	15.4	34.4	52.5	|
297.0	H / 1.0	293.0	10.0	16.3	26.3	20.7	|
351.0	H / 1.0	0.0	10.0	18.5	28.5	26.6	|
378.0	V / 1.0	180.0	9.0	18.8	27.8	24.5	|
405.0	H / 1.0	315.0	12.0	19.8	31.8	38.9	|
594.1	H / 1.1	180.0	17.0	24.0	41.0	112.2	|
648.0	H / 1.3	68.0	8.0	24.5	32.5	42.2	|
675.0	H / 1.3	0.0	8.0	25.2	33.2	45.7	|
|							|
|							|
960.00							200
960.00							500
|							|
|							|
1000.0							500
	The frequency range was scanned from 30 MHz to 1 GHz.						
	The emissions observed from the EUT do not exceed the specified limits.						
	Emissions not recorded were more than 20dB under the specified limit.						

FCC Part 15 Subpart C Radiated Emissions, Harmonics
Paragraphs 15.247(d)
EUT transmitting at 2.401 GHz on radio A

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting at 2.401 GHz on radio A.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uV/m	uV/m	
4.802	V / 1.0	135.0	47.1 pk	4.3	51.4	371.5	5000.0	Peak
4.802	V / 1.0	135.0	34.2 avg.	4.3	38.5	84.1	500.0	Average
4.802	H / 1.0	135.0	43.1 pk	4.3	47.4	234.4	5000.0	Peak
4.802	H / 1.0	135.0	30.6 avg.	4.3	34.9	55.6	500.0	Average
7.203	V/1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.203	V/1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
7.203	H/1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.203	H/1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
9.604	V / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.604	V / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
9.604	H / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.604	H / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
12.005	V / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.005	V / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
12.005	H / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.005	H / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
14.406	V / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.406	V / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
14.406	H / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.406	H / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
16.807	V / 1.0	180.0	*30.0 pk	21.6	51.6	380.2	5000.0	Peak
16.807	V / 1.0	180.0	* 20.0 avg.	21.6	41.6	120.2	500.0	Average
16.807	H / 1.0	180.0	* 30.6 pk	16.8	47.4	380.2	5000.0	Peak
16.807	H / 1.0	180.0	* 20.1 avg.	16.8	36.9	120.2	500.0	Average

The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.

*=Noise Floor Measurements (Minimum system sensitivity)

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting at 2.401 GHz on radio A.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	V/m	uV/m	
19.208	V / 1.0	X	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.208	V / 1.0	X	*23.8 avg.	22.9	47.2	229.1	500.0	Average
19.208	H / 1.0	X	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.208	H / 1.0	X	*23.8 avg.	22.9	47.2	229.1	500.0	Average
21.609	V / 1.0	X	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.609	V / 1.0	X	*23.8 avg.	23.2	47.2	229.1	500.0	Average
21.609	H / 1.0	X	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.609	H / 1.0	X	*23.8 avg.	23.2	47.2	229.1	500.0	Average
24.01	V / 1.0	X	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.01	V / 1.0	X	*23.8 avg.	23.4	47.2	229.1	500.0	Average
24.01	H / 1.0	X	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.01	H / 1.0	X	*23.8 avg.	23.4	47.2	229.1	500.0	Average

The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.

*=Noise Floor Measurements (Minimum system sensitivity)

FCC Part 15 Subpart C Radiated Emissions, Harmonics
Paragraphs 15.247(d)
EUT transmitting at 2.439 GHz on radio A

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.439 GHz on radio A.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	V/m	uV/m	
4.878	V / 1.0	135.0	46.1 pk	4.3	50.4	331.1	5000.0	Peak
4.878	V / 1.0	135.0	34.1 avg	4.3	38.4	83.2	500.0	Average
4.878	H / 1.0	90.0	44.6 pk	4.3	48.9	278.6	5000.0	Peak
4.878	H / 1.0	90.0	32.7 avg	4.3	37.0	70.8	500.0	Average
7.317	V/1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.317	V/1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
7.317	H/1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.317	H/1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
9.756	V / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.756	V / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
9.756	H / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.756	H / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
12.195	V / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.195	V / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
12.195	H / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.195	H / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
14.634	V / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.634	V / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
14.634	H / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.634	H / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
17.073	V / 1.0	180.0	*30.0	21.6	51.6	380.2	5000.0	Peak
17.073	V / 1.0	180.0	* 20.0	21.6	41.6	120.2	500.0	Average
17.073	H / 1.0	180.0	*30.0	21.6	51.6	380.2	5000.0	Peak
17.073	H / 1.0	180.0	* 20.0	21.6	41.6	120.2	500.0	Average
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.439 GHz on radio A.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	V/m	uV/m	
19.512	V / 1.0	180.0	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.512	V / 1.0	180.0	*23.8 avg.	22.9	47.2	229.1	500.0	Average
19.512	H / 1.0	180.0	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.512	H / 1.0	180.0	*23.8 avg.	22.9	47.2	229.1	500.0	Average
21.951	V / 1.0	180.0	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.951	V / 1.0	180.0	*23.8 avg.	23.2	47.2	229.1	500.0	Average
21.951	H / 1.0	180.0	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.951	H / 1.0	180.0	*23.8 avg.	23.2	47.2	229.1	500.0	Average
24.390	V / 1.0	180.0	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.390	V / 1.0	180.0	*23.8 avg.	23.4	47.2	229.1	500.0	Average
24.390	H / 1.0	180.0	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.390	H / 1.0	180.0	*23.8 avg.	23.4	47.2	229.1	500.0	Average

The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more
Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.
*=Noise Floor Measurements (Minimum system sensitivity)

FCC Part 15 Subpart C Radiated Emissions, Harmonics
Paragraphs 15.247(d)
EUT transmitting at 2.478 GHz on radio A

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.478 GHz on radio A.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	X / Y / Z	dBµV	dB	dBµV/m	uV/m	uV/m	
4.956	V / 1.0	135.0	44.2 pk	5.1	49.3	291.7	5000.0	Peak
4.956	V / 1.0	135.0	32.0 avg	5.1	37.1	71.6	500.0	Average
4.956	H / 1.0	135.0	43.4 pk	5.1	48.5	266.1	5000.0	Peak
4.956	H / 1.0	135.0	30.6 avg	5.1	35.7	61.0	500.0	Average
7.435	V / 1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.435	V / 1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
7.435	V / 1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.435	V / 1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
9.912	V / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.912	V / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
9.912	H / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.912	H / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
	V / 1.0	180.0						
12.390	V / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.390	H / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
12.390	H / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.390	V / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
	V / 1.0	180.0						
14.868	H / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.868	H / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
14.868	V / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.868	V / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
	H / 1.0	180.0						
17.346	H / 1.0	180.0	*30.0 pk	21.6	51.6	380.2	5000.0	Peak
17.346	V / 1.0	180.0	* 20.1 avg.	21.6	41.6	120.2	500.0	Average
17.346	V / 1.0	180.0	*30.0 pk	21.6	51.6	380.2	5000.0	Peak
17.346	H / 1.0	180.0	* 20.1 avg.	21.6	41.6	120.2	500.0	Average
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.478 GHz on radio A.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	X / Y / Z	dBµV	dB	dBµV/m	uV/m	uV/m	
19.824	V / 1.0	180.0	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.824	V / 1.0	180.0	*23.8 avg.	22.9	47.2	229.1	500.0	Average
19.824	H / 1.0	180.0	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.824	H / 1.0	180.0	*30.0 pk	22.9	53.4	229.1	500.0	Average
						467.7	5000.0	Peak
22.302	V / 1.0	180.0	*30.0 pk	23.2	53.4	229.1	500.0	Average
22.302	V / 1.0	180.0	*23.8 avg.	23.2	47.2	467.7	5000.0	Peak
22.302	H / 1.0	180.0	*30.0 pk	23.2	53.4	229.1	500.0	Average
22.302	H / 1.0	180.0	*23.8 avg.	23.2	47.2			
						467.7	5000.0	Peak
24.780	V / 1.0	180.0	*30.0 pk	23.4	53.4	229.1	500.0	Average
24.780	V / 1.0	180.0	*23.8 avg.	23.4	47.2	467.7	5000.0	Peak
24.780	H / 1.0	180.0	*30.0 pk	23.4	53.4	229.1	500.0	Average
24.780	H / 1.0	180.0	*23.8 avg.	23.4	47.2	467.7	5000.0	Peak

The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.

*=Noise Floor Measurements (Minimum system sensitivity)

FCC Part 15 Subpart C Radiated Emissions, Harmonics
Paragraphs 15.247(d)
EUT transmitting at 2.401 GHz on Radio B

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.401 GHz on radio B.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uV/m	uV/m	
4.802	V / 1.0	135.0	47.1 pk	4.3	51.4	371.5	5000.0	Peak
4.802	V / 1.0	135.0	34.2 avg.	4.3	38.5	84.1	500.0	Average
4.802	H / 1.0	180.0	45.0 pk	4.3	49.3	291.7	5000.0	Peak
4.802	H / 1.0	180.0	34.5 avg.	4.3	38.8	87.1	500.0	Average
7.203	V/1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.203	V/1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
7.203	H/1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.203	H/1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
9.604	V / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.604	V / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
9.604	H / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.604	H / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
12.005	V / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.005	V / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
12.005	H / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.005	H / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
14.406	V / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.406	V / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
14.406	H / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.406	H / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
16.807	V / 1.0	180.0	*30.0 pk	21.6	51.6	380.2	5000.0	Peak
16.807	V / 1.0	180.0	* 20.0 avg.	21.6	41.6	120.2	500.0	Average
16.807	H / 1.0	180.0	* 30.6 pk	16.8	47.4	380.2	5000.0	Peak
16.807	H / 1.0	180.0	* 20.1 avg.	16.8	36.9	120.2	500.0	Average
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.401 GHz on radio B.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uV/m	uV/m	
19.208	V / 1.0	X	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.208	V / 1.0	X	*23.8 avg.	22.9	47.2	229.1	500.0	Average
19.208	H / 1.0	X	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.208	H / 1.0	X	*23.8 avg.	22.9	47.2	229.1	500.0	Average
21.609	V / 1.0	X	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.609	V / 1.0	X	*23.8 avg.	23.2	47.2	229.1	500.0	Average
21.609	H / 1.0	X	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.609	H / 1.0	X	*23.8 avg.	23.2	47.2	229.1	500.0	Average
24.01	V / 1.0	X	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.01	V / 1.0	X	*23.8 avg.	23.4	47.2	229.1	500.0	Average
24.01	H / 1.0	X	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.01	H / 1.0	X	*23.8 avg.	23.4	47.2	229.1	500.0	Average

The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more
Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.
*=Noise Floor Measurements (Minimum system sensitivity)

FCC Part 15 Subpart C Radiated Emissions, Harmonics
Paragraphs 15.247(d)
EUT transmitting at 2.439 GHz on Radio B

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.439 GHz on radio B.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uV/m	uV/m	
4.878	V / 1.5	180.0	43.4 pk	4.3	47.7	242.7	5000.0	Peak
4.878	V / 1.5	180.0	32.3 avg	4.3	36.6	67.6	500.0	Average
4.878	H / 1.5	90.0	45.8 pk	4.3	50.1	319.9	5000.0	Peak
4.878	H / 1.5	90.0	37.0 avg	4.3	41.3	116.1	500.0	Average
7.317	V/1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.317	V/1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
7.317	H/1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.317	H/1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
9.756	V / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.756	V / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
9.756	H / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.756	H / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
12.195	V / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.195	V / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
12.195	H / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.195	H / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
14.634	V / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.634	V / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
14.634	H / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.634	H / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
17.073	V / 1.0	180.0	*30.0 pk	21.6	51.6	380.2	5000.0	Peak
17.073	V / 1.0	180.0	* 20.0 avg.	21.6	41.6	120.2	500.0	Average
17.073	H / 1.0	180.0	*30.0 pk	21.6	51.6	380.2	5000.0	Peak
17.073	H / 1.0	180.0	* 20.0 avg.	21.6	41.6	120.2	500.0	Average
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.439 GHz on radio B.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uV/m	uV/m	
19.512	V / 1.0	180.0	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.512	V / 1.0	180.0	*23.8 avg.	22.9	47.2	229.1	500.0	Average
19.512	H / 1.0	180.0	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.512	H / 1.0	180.0	*23.8 avg.	22.9	47.2	229.1	500.0	Average
21.951	V / 1.0	180.0	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.951	V / 1.0	180.0	*23.8 avg.	23.2	47.2	229.1	500.0	Average
21.951	H / 1.0	180.0	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.951	H / 1.0	180.0	*23.8 avg.	23.2	47.2	229.1	500.0	Average
24.390	V / 1.0	180.0	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.390	V / 1.0	180.0	*23.8 avg.	23.4	47.2	229.1	500.0	Average
24.390	H / 1.0	180.0	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.390	H / 1.0	180.0	*23.8 avg.	23.4	47.2	229.1	500.0	Average

The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more
Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.
*=Noise Floor Measurements (Minimum system sensitivity)

FCC Part 15 Subpart C Radiated Emissions, Harmonics
Paragraphs 15.247(d)
EUT transmitting at 2.478 GHz on Radio B

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.478 GHz on radio B.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uV/m	uV/m	
4.956	V / 1.0	135.0	44.0 pk	5.1	49.1	285.1	5000.0	Peak
4.956	V / 1.0	135.0	34.5 avg	5.1	39.6	95.5	500.0	Average
4.956	H / 1.5	90.0	45.7 pk	5.1	50.8	346.7	5000.0	Peak
4.956	H / 1.5	90.0	36.1 avg	5.1	41.2	114.8	500.0	Average
7.435	V / 1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.435	V / 1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
7.435	H / 1.0	180.0	* 40.0 pk	8.0	48.0	251.2	5000.0	Peak
7.435	H / 1.0	180.0	* 30.0 avg.	8.0	38.0	79.4	500.0	Average
9.912	V / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.912	V / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
9.912	H / 1.0	180.0	* 41.9 pk	12.4	54.3	518.8	5000.0	Peak
9.912	H / 1.0	180.0	* 30.0 avg.	12.4	42.4	131.8	500.0	Average
12.390	V / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.390	V / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
12.390	H / 1.0	180.0	* 40.0 pk	14.2	54.2	512.9	5000.0	Peak
12.390	H / 1.0	180.0	* 31.1 avg.	14.2	45.3	184.1	500.0	Average
14.868	V / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.868	V / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
14.868	H / 1.0	180.0	* 30.6 pk	16.8	47.4	234.4	5000.0	Peak
14.868	H / 1.0	180.0	* 20.1 avg.	16.8	36.9	70.0	500.0	Average
17.346	V / 1.0	180.0	**30.0 pk	21.6	51.6	380.2	5000.0	Peak
17.346	V / 1.0	180.0	** 20.0 avg.	21.6	41.6	120.2	500.0	Average
17.346	H / 1.0	180.0	**30.0 pk	21.6	51.6	380.2	5000.0	Peak
17.346	H / 1.0	180.0	** 20.0 avg.	21.6	41.6	120.2	500.0	Average
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Harmonics		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(d)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.478 GHz on radio B.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

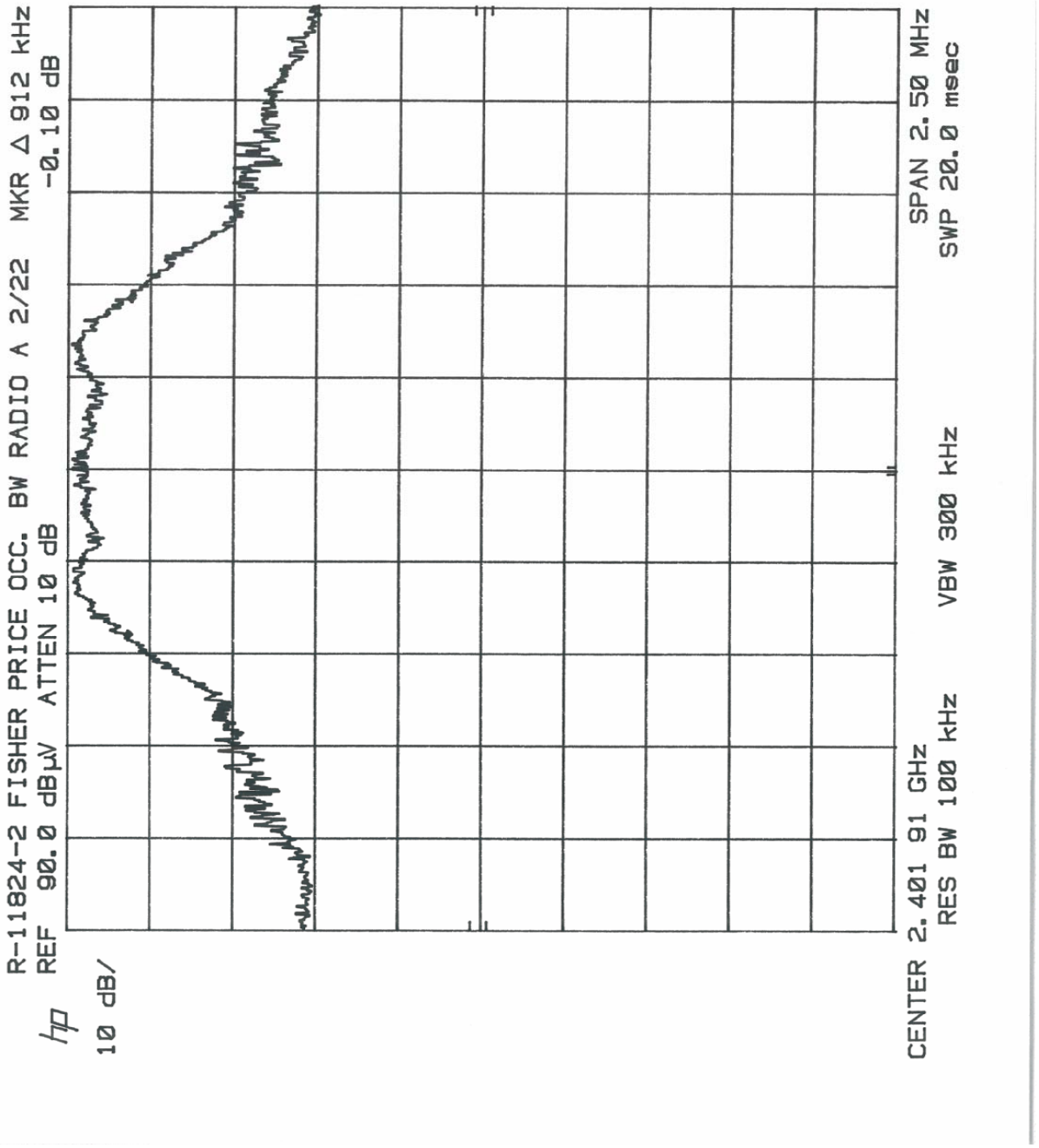
Notes: Test Distance: 3 Meters Temp : 17°C Humidity : 16%
Detector: Peak and average

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uV/m	uV/m	
19.824	V / 1.0	180.0	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.824	V / 1.0	180.0	*23.8 avg.	22.9	47.2	229.1	500.0	Average
19.824	H / 1.0	180.0	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.824	H / 1.0	180.0	*30.0 pk	22.9	53.4	229.1	500.0	Average
						467.7	5000.0	Peak
22.302	V / 1.0	180.0	*30.0 pk	23.2	53.4	229.1	500.0	Average
22.302	V / 1.0	180.0	*23.8 avg.	23.2	47.2	467.7	5000.0	Peak
22.302	H / 1.0	180.0	*30.0 pk	23.2	53.4	229.1	500.0	Average
22.302	H / 1.0	180.0	*23.8 avg.	23.2	47.2			
						467.7	5000.0	Peak
24.780	V / 1.0	180.0	*30.0 pk	23.4	53.4	229.1	500.0	Average
24.780	V / 1.0	180.0	*23.8 avg.	23.4	47.2	467.7	5000.0	Peak
24.780	H / 1.0	180.0	*30.0 pk	23.4	53.4	229.1	500.0	Average
24.780	H / 1.0	180.0	*23.8 avg.	23.4	47.2	467.7	5000.0	Peak

The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more Than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.

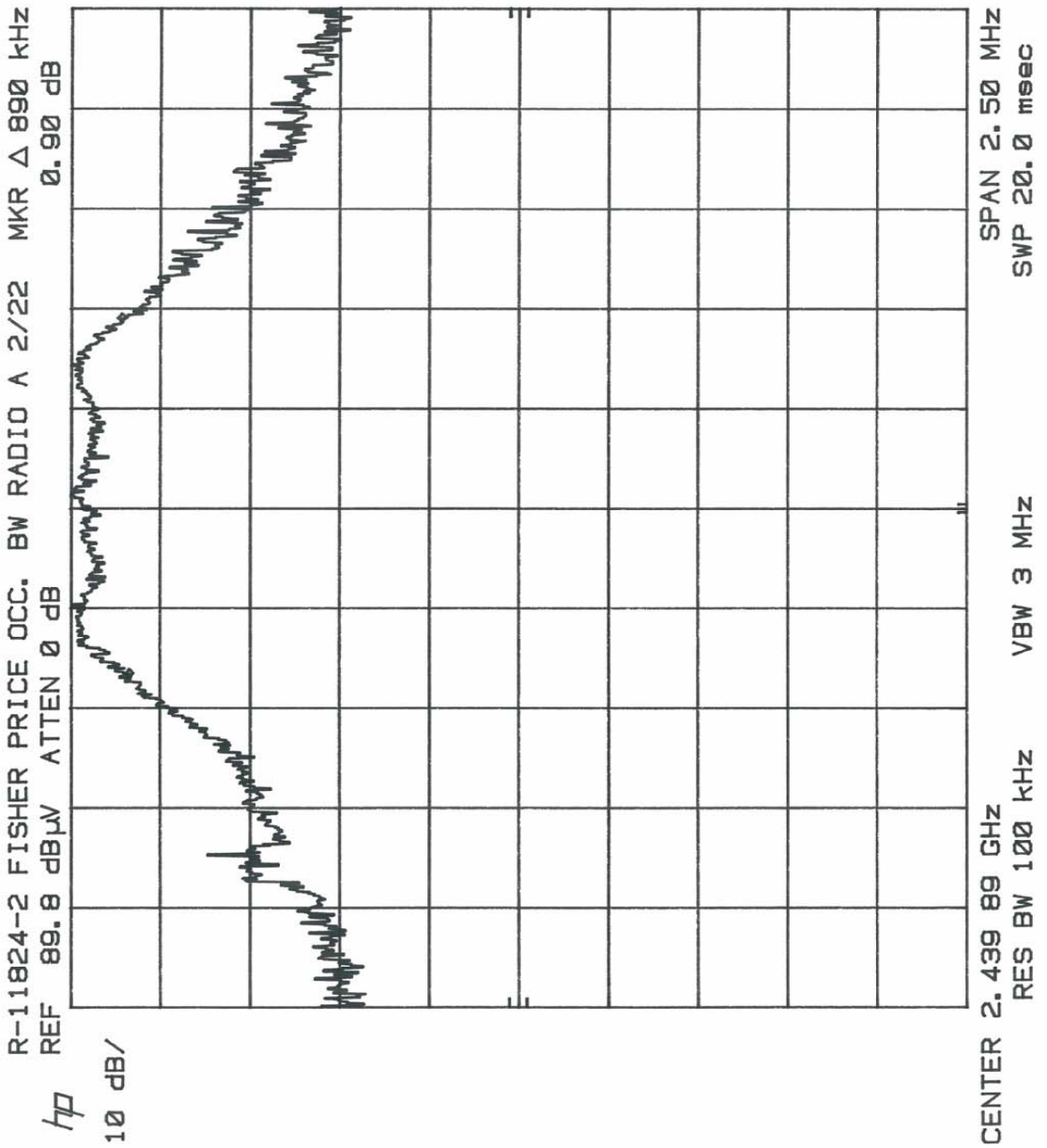
*=Noise Floor Measurements (Minimum system sensitivity)

FCC Part 15, Subpart C, 15.247 (a) (2) Occupied Bandwidth, 2400 – 2483.5 MHz Band
EUT transmitting on Radio A
Test Data



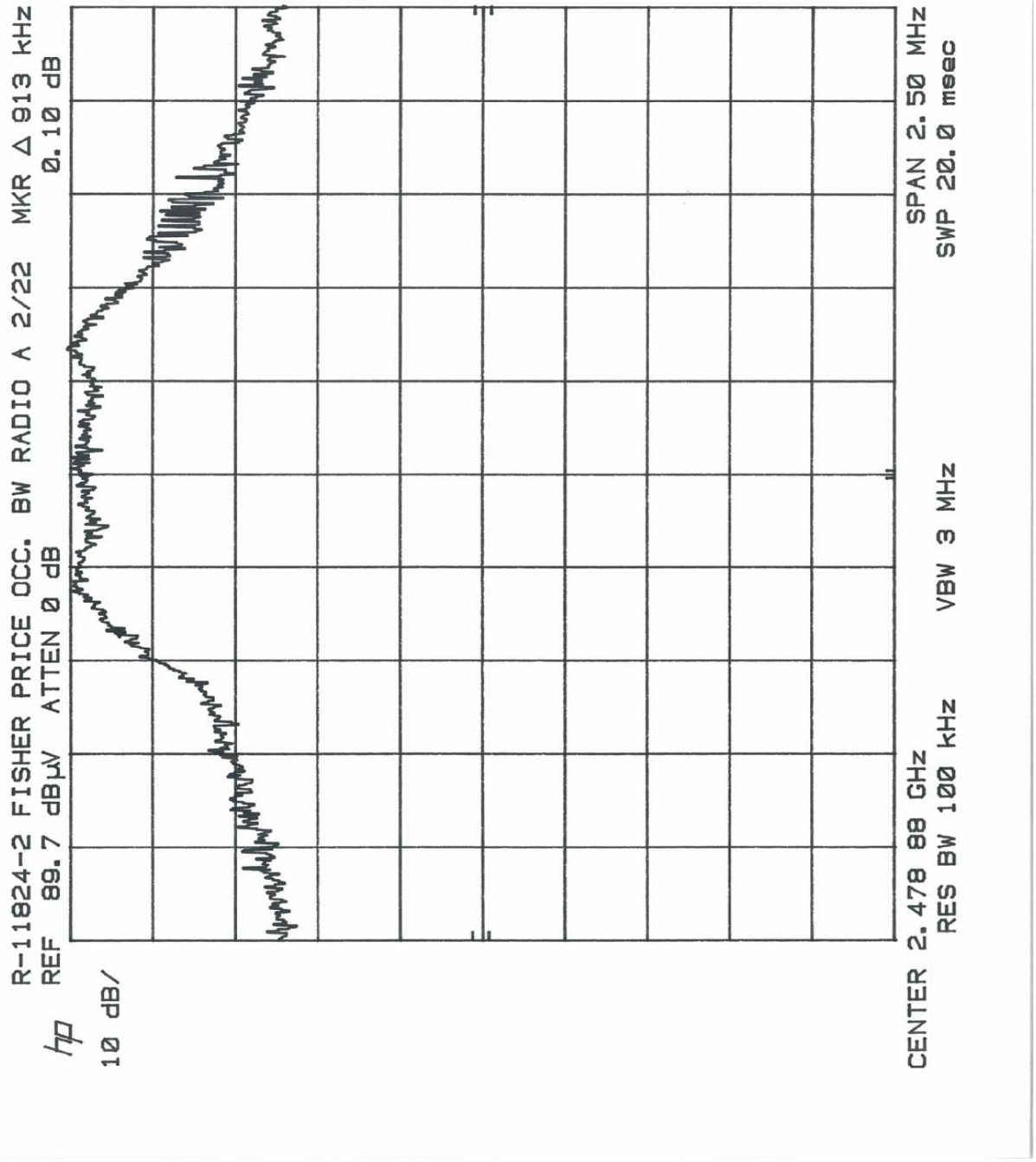
FCC Part 15, Subpart C, 15.247(a) (2) Occupied Bandwidth, 2400 to 2483.5 MHz Band.
Note: Continuously transmitting at 2.401 GHz on radio A.
Note: The occupied bandwidth measured (912 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone Base Unit	
Model Number	L3182 FCC ID: CCTL3182-07-B	
Date: 02-22-2007	Tech: R. Soodoo	Sheet 1 of 3



FCC Part 15, Subpart C, 15.247(a) (2) Occupied Bandwidth, 2400 to 2483.5 MHz Band.
Note: Continuously transmitting at 2.439 GHz on radio A.
Note: The occupied bandwidth measured (890 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

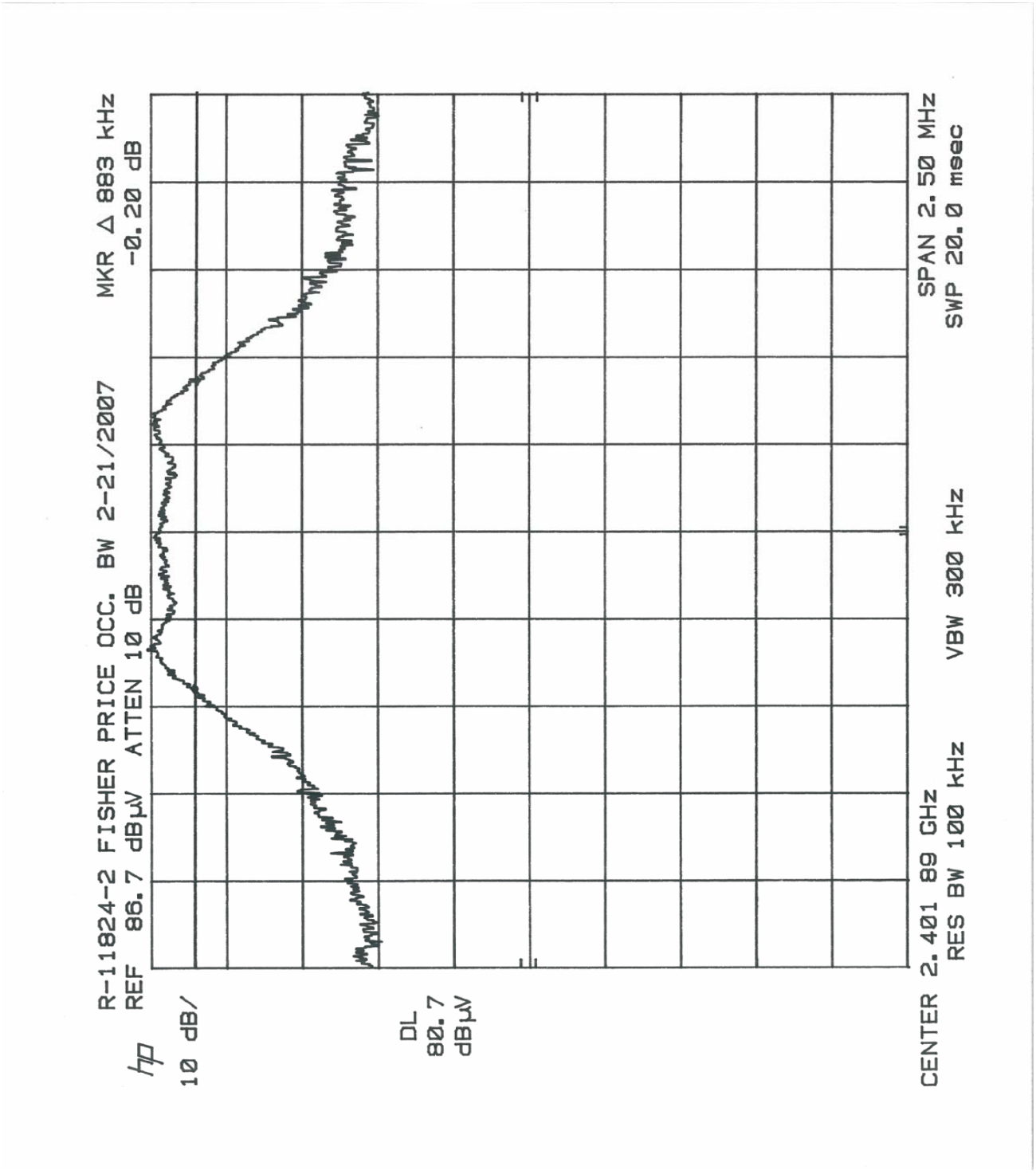
Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone Base Unit	
Model Number	L3182 FCC ID: CCTL3182-07-B	
Date: 02-22-2007	Tech: R. Soodoo	Sheet 2 of 3



FCC Part 15, Subpart C, 15.247(a) (2) Occupied Bandwidth, 2400 to 2483.5 MHz Band.
Note: Continuously transmitting at 2.478 GHz on radio A.
Note: The occupied bandwidth measured (913 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

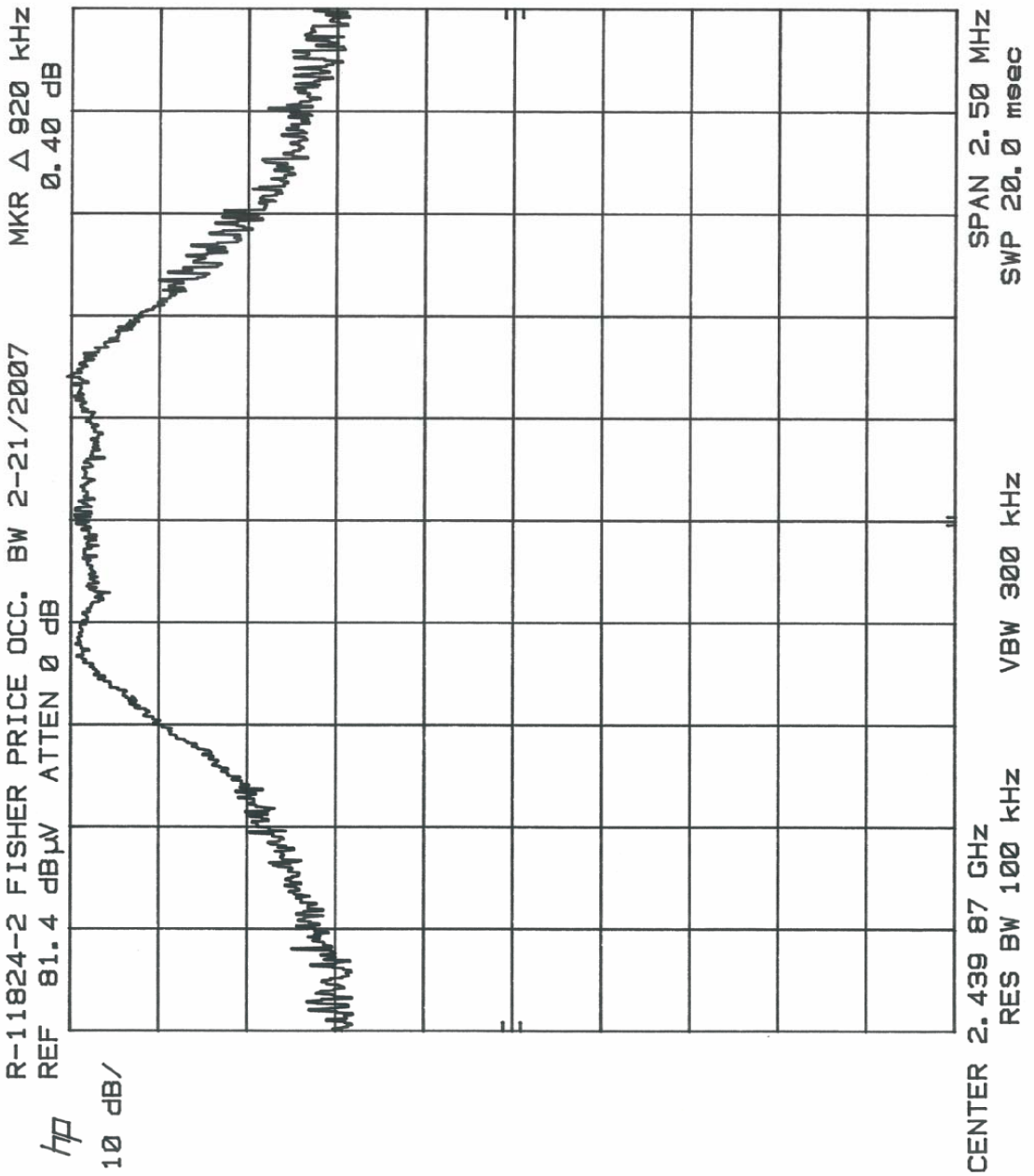
Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone Base Unit	
Model Number	L3182 FCC ID: CCTL3182-07-B	
Date: 02-22-2007	Tech: R. Soodoo	Sheet 3 of 3

FCC Part 15, Subpart C, 15.247 (a) (2) Occupied Bandwidth, 2400 – 2483.5 MHz Band
EUT transmitting on Radio B
Test Data



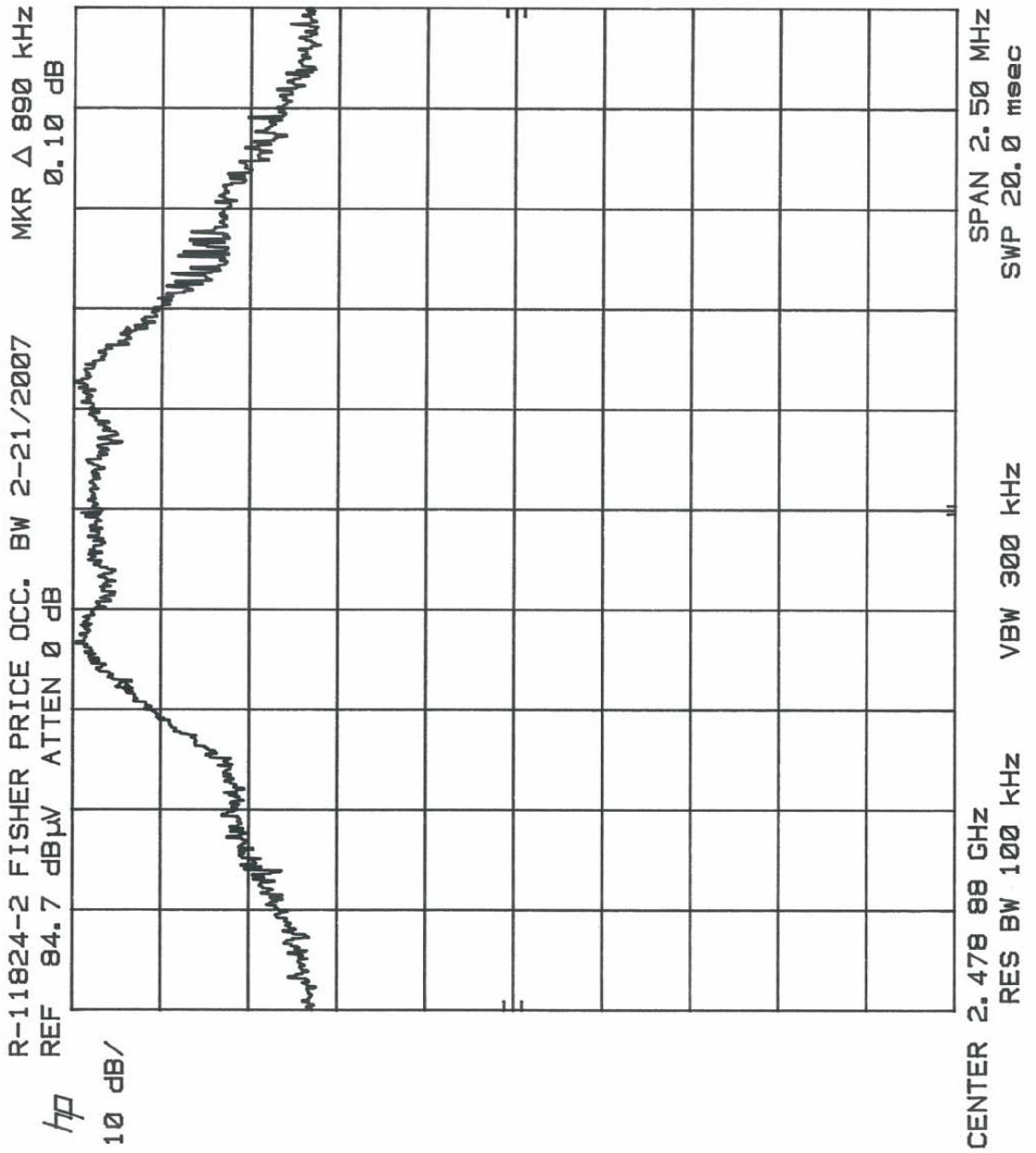
FCC Part 15, Subpart C, 15.247(a) (2) Occupied Bandwidth, 2400 to 2483.5 MHz Band.
Note: Continuously transmitting at 2.401 GHz on radio B.
Note: The occupied bandwidth measured (883 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone Base Unit	
Model Number	L3182 FCC ID: CCTL3182-07-B	
Date: 02-21-2007	Tech: R. Soodoo	Sheet 1 of 3



FCC Part 15, Subpart C, 15.247(a) (2) Occupied Bandwidth, 2400 to 2483.5 MHz Band.
Note: Continuously transmitting at 2.439 GHz on radio B.
Note: The occupied bandwidth measured (920 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone Base Unit	
Model Number	L3182 FCC ID: CCTL3182-07-B	
Date: 02-21-2007	Tech: R. Soodoo	Sheet 2 of 3



FCC Part 15, Subpart C, 15.247(a) (2) Occupied Bandwidth, 2400 to 2483.5 MHz Band.
Note: Continuously transmitting at 2.478 GHz on radio B.
Note: The occupied bandwidth measured (890 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone Base Unit	
Model Number	L3182 FCC ID: CCTL3182-07-B	
Date: 02-21-2007	Tech: R. Soodoo	Sheet 3 of 3

FCC Part 15, Subpart C Radiated Emissions, Fundamental Power Output
Paragraph 15.247(b)(3)
EUT transmitting on radio A

Test Method:	FCC Part 15, Subpart C Radiated Emissions, Fundamental Power Output.		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(b)(3)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting at 2.401, 2.439 and 2.478 GHz Signal on radio A.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 16°C Humidity : 17%
Detector: Peak

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Converted Reading	Peak Limit
GHz	(V/H) / Meters	Degree	dBuV	dB	dBuV/m	V/m	µWatts	Watts
2.401	V / 1.0	90.0	91.1	-1.5	89.6	0.030	274.0	1.0
2.401	H / 1.0	180.0	89.5	-1.5	88.0	0.025	189.0	
2.439	V / 1.0	90.0	91.7	-1.5	90.2	0.032	314.0	
2.439	H / 1.0	180.0	87.1	-1.5	85.6	0.019	109.0	
2.478	V / 1.0	90.0	90.9	-1.9	89.0	0.028	238.0	
2.478	H / 1.0	180.0	88.0	-1.9	86.1	0.020	122.0	1.0

The EUT meets the required limit indicated above.

The following Formulae were used to convert the field strength in dBµV into V/m and V/m to Watts

V/m = 10^(((dBuV/m-120/20)

Power = $(V/m \times 3)^2 / 30$

FCC Part 15, Subpart C Radiated Emissions, Fundamental Power Output
Paragraph 15.247(b)(3)
EUT transmitting on radio B

Test Method:	FCC Part 15, Subpart C Radiated Emissions, Fundamental Power Output.		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(b)(3)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting at 2.401, 2.439 and 2.478 GHz Signal on radio B.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 16°C Humidity : 17%
Detector: Peak

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Converted Reading	Peak Limit
GHz	(V/H) / Meters	X / Y / Z	dBuV	dB	dBuV/m	V/m	µWatts	Watts
2.401	V / 1.0	0.0	88.3	-1.5	86.8	0.022	144.0	1.0
2.401	H/1.0	135.0	82.6	-1.5	81.1	0.011	38.6	|
								|
2.439	V / 1.0	180.0	83.1	-1.5	81.6	0.012	43.4	|
2.439	H / 1.0	203.0	82.9	-1.5	81.4	0.012	41.4	|
								|
2.478	V / 2.0	0.0	86.1	-1.9	84.2	0.016	78.9	|
2.478	H / 1.0	203.0	85.2	-1.9	83.3	0.015	64.1	1.0

The EUT meets the required limit indicated above.

The following Formulae were used to convert the field strength in dBµV into V/m and V/m to Watts

V/m = 10^(((dBuV/m-120/20)

Power = (V/m x 3)² / 30

FCC Part 15, Subpart C, Power Spectral Density Paragraph 15.247(d)
EUT transmitting on radio A
Test Data

Test Method:	FCC Part 15, Subpart C, Power Spectral Density.		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(b)(3)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting at 2.401, 2.439 and 2.478 GHz on radio A.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 16°C Humidity : 17%
Detector: Peak

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Converted Reading	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uWatts	dBm / Hz	dBm
2.401	V / 1.0	90.0	77.4	-1.5	75.9	11.7	-19.3	8.0
2.401	H / 1.0	180.0	74.7	-1.5	73.2	6.27	-22.0	
2.439	V / 1.0	90.0	74.7	-1.5	73.2	6.27	-22.0	
2.439	H / 1.0	180.0	74.6	-1.5	73.1	6.13	-22.1	
2.478	V / 1.0	90.0	74.0	-1.9	72.1	4.87	-23.1	
2.478	H / 1.0	180.0	75.1	-1.9	73.2	6.27	-22.0	8.0

Emissions from the EUT do not exceed the specified limits.

The following Formulae were used to convert the field strength in dBµV into V/m and V/m to Watts

V/m = 10^(((dBuV/m-120) / 20)

Power = $(V/m \times 3)^2 / 30$

The following Formula was used to convert the Power (W) into dBm.

dBm = 10 log (W) + 30

FCC Part 15, Subpart C, Power Spectral Density Paragraph 15.247(d)
EUT transmitting on radio B
Test Data

Test Method:	FCC Part 15, Subpart C, Power Spectral Density.		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit	**Paragraph**	15.247(b)(3)
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting at 2.401, 2.439 and 2.478 GHz on radio B.		
Technician:	R. Soodoo	**Date:**	February 21, 2007.

Notes: Test Distance: 3 Meters Temp : 16°C Humidity : 17%
Detector: Peak

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Converted Reading	Limit
GHz	(V/H) / Meters	Degree	dBµV	dB	dBµV/m	uWatts	dBm / Hz	dBm
2.402	V / 1.2	0.0	75.3	-1.5	73.8	7.20	-21.4	8.0
2.402	H / 135.0	135.0	66.6	-1.5	65.1	0.97	-30.1	
2.439	V / 1.0	180.0	66.8	-1.5	65.1	0.97	-30.1	
2.439	H / 1.0	203.0	66.6	-1.5	65.1	0.97	-30.1	
2.478	V / 2.0	0.0	68.5	-1.9	66.6	1.37	-28.6	
2.478	H / 1.0	203.0	70.1	-1.9	68.2	1.98	-27.0	8.0

Emissions from the EUT do not exceed the specified limits.

The following Formulae were used to convert the field strength in dBµV into V/m and V/m to Watts

V/m = 10^(((dBuV/m-120) / 20)

Power = $(V/m \times 3)^2 / 30$

The following Formula was used to convert the Power (W) into dBm.

dBm = 10 log (W) + 30

FCC Part 15 Subpart C, Spurious Case Radiated Emissions,
Paragraph 15.247(d)
EUT transmitting on Radio A
Test Data

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.401 GHz Signal on radio A.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
|							|
42.90	V / 1.0	158.0	22.0	14.3	36.3	65.3	|
|							|
88.00							100
88.00							150
|							|
|							|
|							|
162.0	V / 1.0	315.0	24.0	10.9	34.9	55.6	|
171.8	V / 1.0	315.0	13.0	10.8	23.8	15.5	|
189.0	V / 1.0	90.0	23.0	12.7	35.7	61.0	|
|							|
|							|
216.0							150
216.0							200
|							|
|							|
216.1	V / 1.0	0.0	27.0	13.0	40.0	100.0	|
243.0	V / 1.0	225.0	21.0	14.0	35.0	56.2	|
270.0	H / 1.0	180.0	19.0	15.4	34.4	52.5	|
297.0	H / 1.0	293.0	10.0	16.3	26.3	20.7	|
351.0	H / 1.0	0.0	10.0	18.5	28.5	26.6	|
378.0	V / 1.0	180.0	9.0	18.8	27.8	24.5	|
405.0	H / 1.0	315.0	12.0	19.8	31.8	38.9	|
594.1	H / 1.1	180.0	17.0	24.0	41.0	112.2	|
648.0	H / 1.3	68.0	8.0	24.5	32.5	42.2	|
675.0	H / 1.3	0.0	8.0	25.2	33.2	45.7	|
|							|
|							|
960.0							200

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.401 GHz Signal on radio A.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
960.0							500
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
2398.0	V / 1.0	90.0	*66.3	-1.5	64.8	1737.8 pk.	5000
2398.0	V / 1.0	90.0	*38.0	-1.5	36.5	66.8 avg.	500
2400.0	V / 1.0	90.0	*86.8	-28.3	58.5	841.4 pk.	5000
2400.0	V / 1.0	90.0	*66.5	-28.3	38.2	81.3 avg.	500
3201.0	V / 1.0	90.0	47.9	0.1	48.0	251.2 pk.	500
3201.0	V / 1.0	90.0	38.5	0.1	38.6	85.1 avg.	500
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
25000.0							500

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.439 GHz Signal on radio A.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
|							|
42.90	V / 1.0	158.0	22.0	14.3	36.3	65.3	42.90
|							|
88.00							100
88.00							150
|							|
|							|
|							|
162.0	V / 1.0	315.0	24.0	10.9	34.9	55.6	|
171.8	V / 1.0	315.0	13.0	10.8	23.8	15.5	|
189.0	V / 1.0	90.0	23.0	12.7	35.7	61.0	|
|							|
|							|
216.0							150
216.0							200
|							|
|							|
216.1	V / 1.0	0.0	27.0	13.0	40.0	100.0	|
243.0	V / 1.0	225.0	21.0	14.0	35.0	56.2	|
270.0	H / 1.0	180.0	19.0	15.4	34.4	52.5	|
297.0	H / 1.0	293.0	10.0	16.3	26.3	20.7	|
351.0	H / 1.0	0.0	10.0	18.5	28.5	26.6	|
378.0	V / 1.0	180.0	9.0	18.8	27.8	24.5	|
405.0	H / 1.0	315.0	12.0	19.8	31.8	38.9	|
594.1	H / 1.1	180.0	17.0	24.0	41.0	112.2	|
648.0	H / 1.3	68.0	8.0	24.5	32.5	42.2	|
675.0	H / 1.3	0.0	8.0	25.2	33.2	45.7	|
|							|
|							|
960.0							200

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.439 GHz Signal on radio A.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBµV	dB	dBµV/m	uV/m	uV/m
960.0							500
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
1624.5	V / 1.2	90.0	45.7	-4.0	41.7	121.6 pk.	5000
1624.5	V / 1.2	90.0	33.5	-4.0	29.5	29.9 avg.	500
3252.0	V / 1.5	68.0	46.2	0.1	46.3	206.5 pk.	5000
3252.0	V / 1.5	68.0	36.3	0.1	36.4	66.1 avg.	500
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
|							|
25000.0							500

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.478 GHz Signal on radio A.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
|							|
42.90	V / 1.0	158.0	22.0	14.3	36.3	65.3	
|							|
88.00							100
88.00							150
|							|
|							|
|							|
162.0	V / 1.0	315.0	24.0	10.9	34.9	55.6	|
171.8	V / 1.0	315.0	13.0	10.8	23.8	15.5	|
189.0	V / 1.0	90.0	23.0	12.7	35.7	61.0	|
|							|
|							|
216.0							150
216.0							200
|							|
|							|
216.1	V / 1.0	0.0	27.0	13.0	40.0	100.0	|
243.0	V / 1.0	225.0	21.0	14.0	35.0	56.2	|
270.0	H / 1.0	180.0	19.0	15.4	34.4	52.5	|
297.0	H / 1.0	293.0	10.0	16.3	26.3	20.7	|
351.0	H / 1.0	0.0	10.0	18.5	28.5	26.6	|
378.0	V / 1.0	180.0	9.0	18.8	27.8	24.5	|
405.0	H / 1.0	315.0	12.0	19.8	31.8	38.9	|
594.1	H / 1.1	180.0	17.0	24.0	41.0	112.2	|
648.0	H / 1.3	68.0	8.0	24.5	32.5	42.2	|
675.0	H / 1.3	0.0	8.0	25.2	33.2	45.7	|
|							|
|							|
960.0							200

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.478 GHz Signal on radio A.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBµV	dB	dBµV/m	uV/m	uV/m
960.0							500
|							|
|							|
|							|
|							|
|							|
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|							|
|							|
|							|
|							|
1650.0	V / 1.2	09.0	45.1	-4.0	41.1	113.5 pk.	5000
1650.0	V / 1.2	09.0	33.2	-4.0	29.2	28.8 avg.	500
2483.5	V /1.0	0.0	89.7	-44.6	45.1	179.9 pk.	5000
2483.5	V /1.0	0.0	72.3	-44.6	27.7	24.3 avg.	500
2485.5	V / 1.0	0.0	56.2	-1.9	54.3	518.8 pk.	5000
2485.5	V / 1.0	0.0	42.7	-1.9	40.8	109.6 avg.	500
3304.0	V / 2.0	0.0	45.6	0.1	45.7	192.8 pk.	5000
3304.0	V / 2.0	0.0	35.2	0.1	35.3	58.2 avg.	500
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|							|
|							|
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|							|
25000.0							500

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

FCC Part 15 Subpart C, Spurious Case Radiated Emissions,
Paragraph 15.247(d)
EUT transmitting on Radio B
Test Data

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.401 GHz Signal on radio B.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
|							|
42.90	V / 1.0	158.0	22.0	14.3	36.3	65.3	
|							|
88.00							100
88.00							150
|							|
|							|
|							|
162.0	V / 1.0	315.0	24.0	10.9	34.9	55.6	|
171.8	V / 1.0	315.0	13.0	10.8	23.8	15.5	|
189.0	V / 1.0	90.0	23.0	12.7	35.7	61.0	|
|							|
|							|
216.0							150
216.0							200
|							|
|							|
216.1	V / 1.0	0.0	27.0	13.0	40.0	100.0	|
243.0	V / 1.0	225.0	21.0	14.0	35.0	56.2	|
270.0	H / 1.0	180.0	19.0	15.4	34.4	52.5	|
297.0	H / 1.0	293.0	10.0	16.3	26.3	20.7	|
351.0	H / 1.0	0.0	10.0	18.5	28.5	26.6	|
378.0	V / 1.0	180.0	9.0	18.8	27.8	24.5	|
405.0	H / 1.0	315.0	12.0	19.8	31.8	38.9	|
594.1	H / 1.1	180.0	17.0	24.0	41.0	112.2	|
648.0	H / 1.3	68.0	8.0	24.5	32.5	42.2	|
675.0	H / 1.3	0.0	8.0	25.2	33.2	45.7	|
|							|
|							|
960.0							200

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.401 GHz Signal on radio B.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
960.0							500
|							|
|							|
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|							|
2398.0	V / 1.0	90.0	*66.3	-1.5	64.8	1737.8 pk.	5000
2398.0	V / 1.0	90.0	*38.0	-1.5	36.5	66.8 avg.	500
2400.0	V / 1.0	90.0	*86.8	-28.3	58.5	841.4 pk.	5000
2400.0	V / 1.0	90.0	*66.5	-28.3	38.2	81.3 avg.	500
3201.0	V / 1.0	90.0	47.9	0.1	48.0	251.2 pk.	500
3201.0	V / 1.0	90.0	38.5	0.1	38.6	85.1 avg.	500
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25000.0							500

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.439 GHz Signal on radio B.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
|							|
42.90	V / 1.0	158.0	22.0	14.3	36.3	65.3	
|							|
88.00							100
88.00							150
|							|
|							|
|							|
162.0	V / 1.0	315.0	24.0	10.9	34.9	55.6	|
171.8	V / 1.0	315.0	13.0	10.8	23.8	15.5	|
189.0	V / 1.0	90.0	23.0	12.7	35.7	61.0	|
|							|
|							|
216.0							150
216.0							200
|							|
|							|
216.1	V / 1.0	0.0	27.0	13.0	40.0	100.0	|
243.0	V / 1.0	225.0	21.0	14.0	35.0	56.2	|
270.0	H / 1.0	180.0	19.0	15.4	34.4	52.5	|
297.0	H / 1.0	293.0	10.0	16.3	26.3	20.7	|
351.0	H / 1.0	0.0	10.0	18.5	28.5	26.6	|
378.0	V / 1.0	180.0	9.0	18.8	27.8	24.5	|
405.0	H / 1.0	315.0	12.0	19.8	31.8	38.9	|
594.1	H / 1.1	180.0	17.0	24.0	41.0	112.2	|
648.0	H / 1.3	68.0	8.0	24.5	32.5	42.2	|
675.0	H / 1.3	0.0	8.0	25.2	33.2	45.7	|
|							|
|							|
960.0							200

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.439 GHz Signal on radio B.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBµV	dB	dBµV/m	uV/m	uV/m
960.0							500
|							|
|							|
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1624.5	V / 1.2	90.0	45.7	-4.0	41.7	121.6 pk.	5000
1624.5	V / 1.2	90.0	33.5	-4.0	29.5	29.9 avg.	500
3252.0	V / 1.5	68.0	46.2	0.1	46.3	206.5 pk.	5000
3252.0	V / 1.5	68.0	36.3	0.1	36.4	66.1 avg.	500
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25000.0							500

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.478 GHz Signal on radio B.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
|							|
42.90	V / 1.0	158.0	22.0	14.3	36.3	65.3	
|							|
88.00							100
88.00							150
|							|
|							|
|							|
162.0	V / 1.0	315.0	24.0	10.9	34.9	55.6	|
171.8	V / 1.0	315.0	13.0	10.8	23.8	15.5	|
189.0	V / 1.0	90.0	23.0	12.7	35.7	61.0	|
|							|
|							|
216.0							150
216.0							200
|							|
|							|
216.1	V / 1.0	0.0	27.0	13.0	40.0	100.0	|
243.0	V / 1.0	225.0	21.0	14.0	35.0	56.2	|
270.0	H / 1.0	180.0	19.0	15.4	34.4	52.5	|
297.0	H / 1.0	293.0	10.0	16.3	26.3	20.7	|
351.0	H / 1.0	0.0	10.0	18.5	28.5	26.6	|
378.0	V / 1.0	180.0	9.0	18.8	27.8	24.5	|
405.0	H / 1.0	315.0	12.0	19.8	31.8	38.9	|
594.1	H / 1.1	180.0	17.0	24.0	41.0	112.2	|
648.0	H / 1.3	68.0	8.0	24.5	32.5	42.2	|
675.0	H / 1.3	0.0	8.0	25.2	33.2	45.7	|
|							|
|							|
960.0							200

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.

Test Method:	**FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)**		
Customer:	Fisher Price Inc.	**Job No.**	R-11824-2
Test Sample:	Wireless Microphone Base Unit		
Model No.:	L3182	**FCC ID:**	CCTL3182-07-B
Operating Mode:	Continuously Transmitting a 2.478 GHz Signal on radio B.		
Technician:	R. Soodoo	**Date:**	March 01, 2007.

Notes: Test Distance: 3 Meters Temp: 19°C Humidity: 14%
Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak and Average above 1 GHz

Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBµV	dB	dBµV/m	uV/m	uV/m
960.0							500
|							|
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|							|
|							|
|							|
|							|
1650.0	V / 1.2	09.0	45.1	-4.0	41.1	113.5 pk.	5000
1650.0	V / 1.2	09.0	33.2	-4.0	29.2	28.8 avg.	500
2483.5	V /1.0	0.0	89.7	-44.6	45.1	179.9 pk.	5000
2483.5	V /1.0	0.0	72.3	-44.6	27.7	24.3 avg.	500
2485.5	V / 1.0	0.0	56.2	-1.9	54.3	518.8 pk.	5000
2485.5	V / 1.0	0.0	42.7	-1.9	40.8	109.6 avg.	500
3304.0	V / 2.0	0.0	45.6	0.1	45.7	192.8 pk.	5000
3304.0	V / 2.0	0.0	35.2	0.1	35.3	58.2 avg.	500
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|							|
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|							|
25000.0							500

The frequency range was scanned from 30 MHz to 25 GHz.
The emissions observed from the EUT do not exceed the specified limits.
Emissions not recorded were more than 20dB under the specified limit.
* At this frequency, the Marker-Delta method was used to show compliance at the Band Edge.