

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
Brandname: Star Performance
Model Number: L3182
Type: 2.4 GHz Spread Spectrum Transceiver
Power Requirements: 4.5 VDC derived from 3 fully charged AAA 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

FCC ID:

CCTL3182-07-M

Power Requirements: 4.5 VDC derived from 3 fully charged AAA Batteries

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

Test Results

15.247 (a) (2)

The minimum 6 dB bandwidth measured 900 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 2.6 mWatts and did not exceed 1 watt.

15.247 (b) (3)

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 2.6 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 -8.7 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

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

Modifications

The following modifications were made to the EUT during the course of this testing:

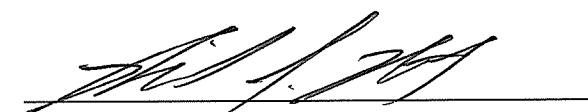
A radio frequency shield was placed between the batteries and the printed circuit board.

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

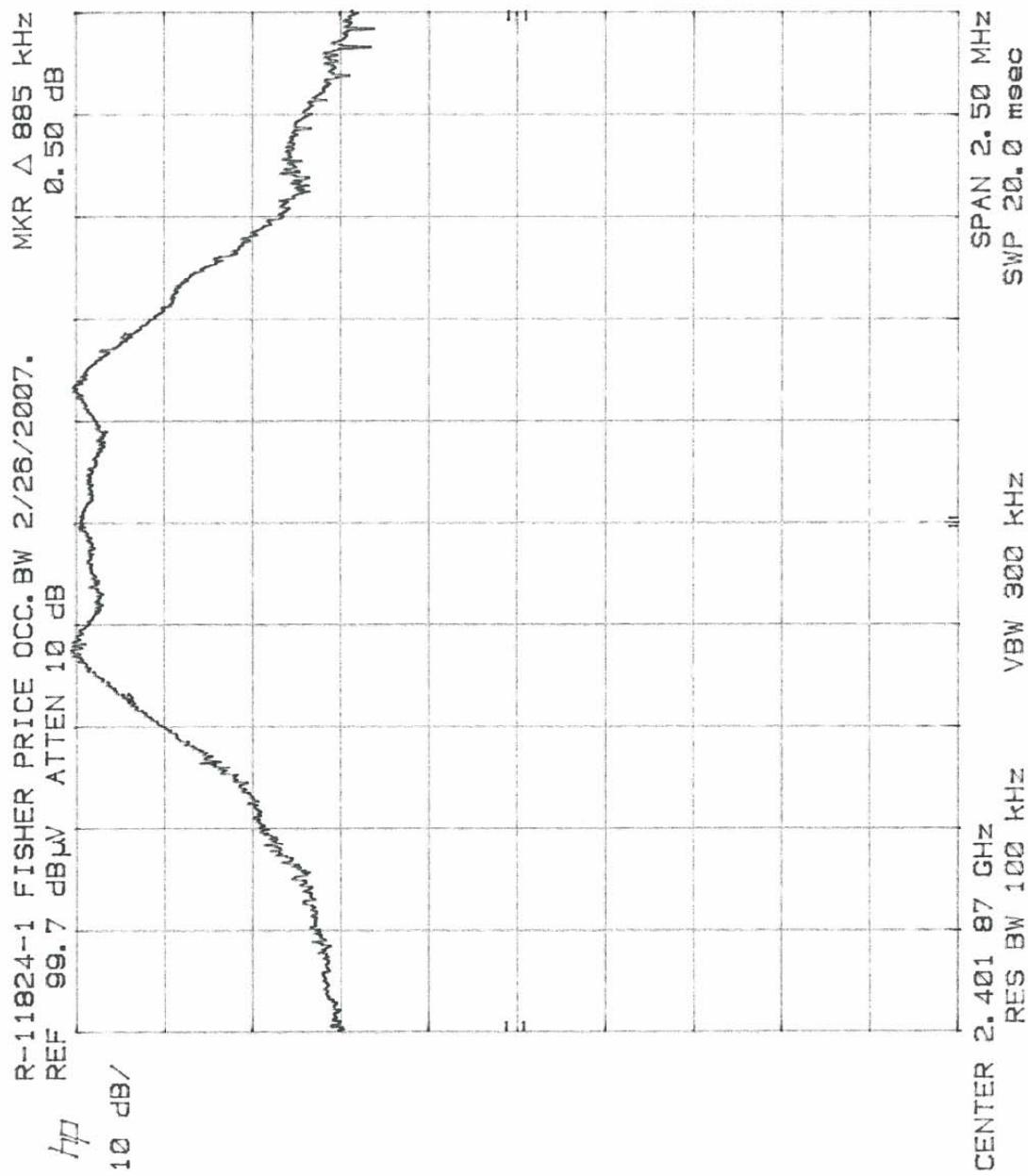
FCC Part 15, Subpart C, Occupied Bandwidth, Power Output, Power Spectral Density

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 to1000 MHz

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
767	Biconilog	EMCO	26 - 2000 MHz	3142B	10/12/2006	10/12/2007

**FCC Part 15, Subpart C, 15.247 (a) (2) Occupied Bandwidth, 2400 - 2483.5 MHz Band
Test Data**

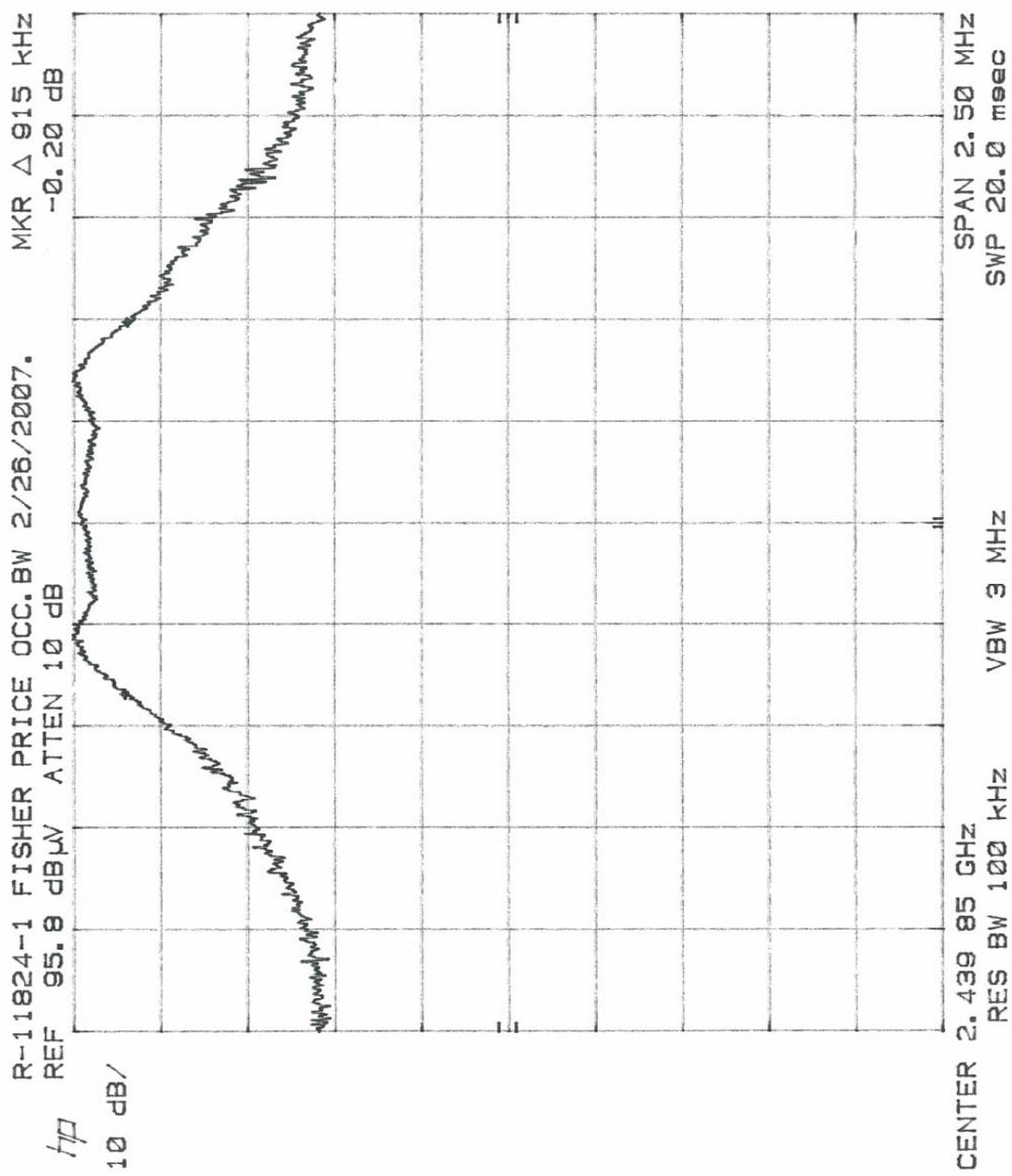


FCC Part 15, Subpart C, 15.247(a) (2) Occupied Bandwidth, 2400 to 2483.5 MHz Band.

Note: Continuously transmitting at 2.401 GHz.

Note: The occupied bandwidth measured (885 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone	
Model Number	L3182	FCC ID: CCTL3182-07-M
Date: 02-26-2007	Tech: R. Soodoo	Sheet 1 of 3

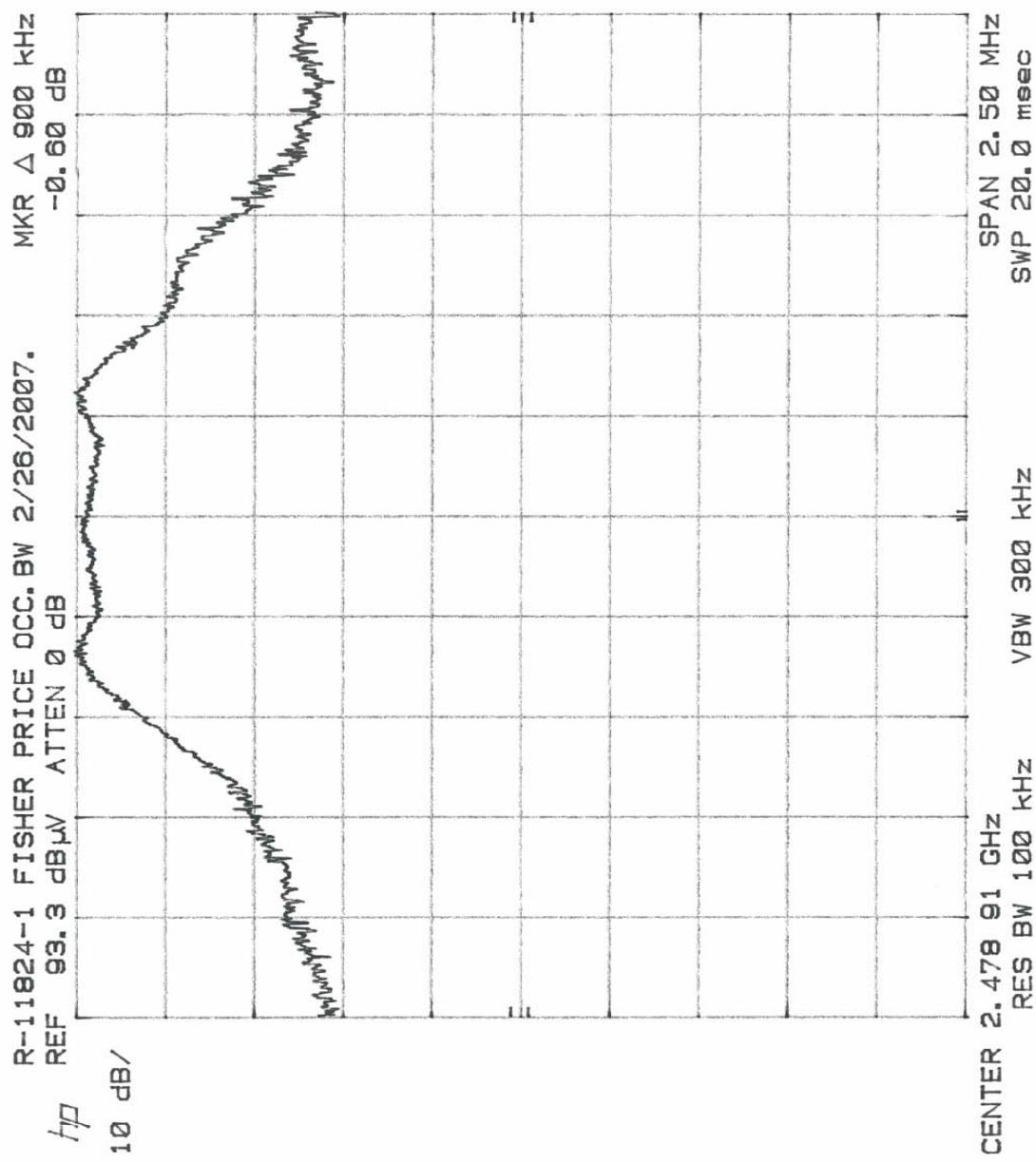


FCC Part 15, Subpart C, 15.247(a) (2) Occupied Bandwidth, 2400 to 2483.5 MHz Band.

Note: Continuously transmitting at 2.439 GHz.

Note: The occupied bandwidth measured (915 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone	
Model Number	L3182	FCC ID: CCTL3182-07-M
Date: 02-26-2007	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.

Note: The occupied bandwidth measured (900 kHz) meets the required minimum 6dB bandwidth of at least 500 kHz.

Customer	Fisher Price Inc.	
Test Sample	Wireless Microphone	
Model Number	L3182	FCC ID: CCTL3182-07-M
Date: 02-26-2007	Tech: R. Soodoo	Sheet 3 of 3

**FCC Part 15, Subpart C Radiated Emissions, Fundamental Power Output
Paragraph 15.247(b)(3)
Test Data**

**FCC 15.247(d) (e)
FCC Part 15, Subpart C, Power Spectral Density**

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

Test Method:	FCC Part 15 Subpart C, Radiated Emissions, Harmonics							
Customer:	Fisher Price Inc.				Job No.	R-11824-1		
Test Sample:	Wireless Microphone				Paragraph	15.247(d)		
Model No.:	L3182				FCC ID:	CCTL3182-07-M		
Operating Mode:	Continuously Transmitting a 2.401 GHz Signal							
Technician:	R. Soodoo				Date:	February 26, 2007.		
Notes:	Test Distance: 3 Meters Temp : 9°C Humidity : 16% Detector: Peak and average							
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
MHz	(V/H) / meters	X / Y / Z	dB μ V	dB	dB μ V/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	V / 1.0	Y	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.208	V / 1.0	Y	*23.8 avg.	22.9	47.2	229.1	500.0	Average
19.208	V / 1.0	Z	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.208	V / 1.0	Z	*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
19.208	H / 1.0	Y	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.208	H / 1.0	Y	*23.8 avg.	22.9	47.2	229.1	500.0	Average
19.208	H / 1.0	Z	*30.0 pk	22.9	53.4	467.7	5000.0	Peak
19.208	H / 1.0	Z	*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	V / 1.0	Y	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.609	V / 1.0	Y	*23.8 avg.	23.2	47.2	229.1	500.0	Average
21.609	V / 1.0	Z	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.609	V / 1.0	Z	*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
21.609	H / 1.0	Y	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.609	H / 1.0	Y	*23.8 avg.	23.2	47.2	229.1	500.0	Average
21.609	H / 1.0	Z	*30.0 pk	23.2	53.4	467.7	5000.0	Peak
21.609	H / 1.0	Z	*23.8 avg.	23.2	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)								

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Test Method:	FCC Part 15 Subpart C, Radiated Emissions, Harmonics							
Customer:	Fisher Price Inc.				Job No.	R-11824-1		
Test Sample:	Wireless Microphone				Paragraph	15.247(d)		
Model No.:	L3182				FCC ID:	CCTL3182-07-M		
Operating Mode:	Continuously Transmitting a 2.401 GHz Signal							
Technician:	R. Soodoo				Date:	February 26, 2007.		
Notes:	Test Distance: 3 Meters Temp : 9°C Humidity : 16% Detector: Peak and average							
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Limit	Limit
MHz	(V/H) / meters	X / Y / Z	dB μ V	dB	dB μ V/m	uV/m	uV/m	
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	V / 1.0	Y	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.01	V / 1.0	Y	*23.8 avg.	23.4	47.2	229.1	500.0	Average
24.01	V / 1.0	Z	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.01	V / 1.0	Z	*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
24.01	H / 1.0	Y	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.01	H / 1.0	Y	*23.8 avg.	23.4	47.2	229.1	500.0	Average
24.01	H / 1.0	Z	*30.0 pk	23.4	53.4	467.7	5000.0	Peak
24.01	H / 1.0	Z	*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)								

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

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

**FCC Part 15 Subpart C, Spurious Case Radiated Emissions,
Paragraph 15.247(d)
Test Data**

Test Method:	FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)						
Customer:	Fisher Price Inc.			Job No.:	R-11824-1		
Test Sample:	Wireless Microphone						
Model No.:	L3182			FCC ID:	CCTL3182-07-M		
Operating Mode:	Continuously Transmitting a 2.401 GHz Signal						
Technician:	R. Soodoo			Date:	February 26, 2007.		
Notes:	Test Distance: 3 Meters			Temp: 4°C	Humidity: 29%		
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak above 1 GHz						
Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							1000
88.00							1000
88.00							1500
216.0							1500
216.0							2000
960.0							2000
960.0							5000
1600.0	V / 1.0	0.0	47.9	-4.0	43.9	156.7	
2398.0	V / 1.0	180.0	*62.2	-1.5	60.7	1083.9	
2400.0	V / 1.0	180.0	*64.2	-34.9	29.3	29.2	
3201.6	H / 2.0	293.0	50.1	0.1	50.2	323.6	
25000.0							5000
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-11824-1	
Test Sample:	Wireless Microphone						
Model No.:	L3182				FCC ID:	CCTL3182-07-M	
Operating Mode:	Continuously Transmitting a 2.401 GHz Signal						
Technician:	R. Soodoo				Date:	February 26, 2007.	
Notes:	Test Distance: 3 Meters			Temp: 4°C		Humidity: 29%	
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Average above 1 GHz						
Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Average Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.00							100
88.00							100
88.00							150
216.0							150
216.0							200
960.0							200
960.0							500
1600.0	V / 1.0	0.0	35.6	-4.0	31.6	38.0	
2398.0	V / 1.0	180.0	*33.8	-1.5	32.3	41.2	
2400.0	V / 1.0	180.0	*76.6	-34.9	41.7	121.6	
3201.6	H / 2.0	293.0	39.9	0.1	40	100.0	
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.							

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Test Method:	FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)								
Customer:	Fisher Price Inc.				Job No.:	R-11824-1			
Test Sample:	Wireless Microphone								
Model No.:	L3182				FCC ID:	CCTL3182-07-M			
Operating Mode:	Continuously Transmitting a 2.439 GHz Signal								
Technician:	R. Soodoo				Date:	February 26, 2007.			
Notes:	Test Distance: 3 Meters			Temp: 4°C	Humidity: 29%				
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak above 1 GHz								
Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Peak Limit		
MHz	(V/H) / Meters	Degrees	dB μ V	dB	dB μ V/m	uV/m	uV/m		
30.00							1000		
88.00							1000		
88.00							1500		
216.0							1500		
216.0							2000		
960.0							2000		
960.0							5000		
1623.0	V / 2.0	135.0	49.0	-4.0	45.0	177.8			
3252.0	H / 2.0	22.5	49.3	0.1	49.4	295.1			
25000.0							5000		
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.									

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Test Method:	FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)						
Customer:	Fisher Price Inc.				Job No.:	R-11824-1	
Test Sample:	Wireless Microphone						
Model No.:	L3182				FCC ID:	CCTL3182-07-M	
Operating Mode:	Continuously Transmitting a 2.439 GHz Signal						
Technician:	R. Soodoo				Date:	February 26, 2007.	
Notes:	Test Distance: 3 Meters			Temp: 4°C		Humidity: 29%	
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Average above 1 GHz						
Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Average Limit
MHz	(V/H) / Meters	Degrees	dB μ V	dB	dB μ V/m	uV/m	uV/m
30.00							100
88.00							100
88.00							150
216.0							150
216.0							200
960.0							200
960.0							500
1623.0	V / 2.0	135.0	37.1	-4.0	33.1	45.2	
3252.0	H / 2.0	22.5	41.6	0.1	41.7	121.6	
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.							

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Test Method:	FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)						
Customer:	Fisher Price Inc.				Job No.:	R-11824-1	
Test Sample:	Wireless Microphone						
Model No.:	L3182				FCC ID:	CCTL3182-07-M	
Operating Mode:	Continuously Transmitting a 2.478 GHz Signal						
Technician:	R. Soodoo				Date:	February 26, 2007.	
Notes:	Test Distance: 3 Meters			Temp: 4°C		Humidity: 29%	
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak above 1 GHz						
Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H) / Meters	Degrees	dB μ V	dB	dB μ V/m	uV/m	uV/m
30.00							1000
88.00							1000
88.00							1500
216.0							1500
216.0							2000
960.0							2000
960.0							5000
1652.0	H / 1.5	180.0	48.6	-4.0	44.6	169.8	
2483.5	V / 1.0	*80.0	98.4	-42.5	55.9	623.7	
2485.5	V / 1.0	*180.0	69.4	-1.9	67.5	2371.4	
3304.0	H / 1.5	203.0	47.4	0.1	47.5	237.1	
4129.0	H / 1.5	0.0	44.6	3.0	47.6	239.9	
25000.0							5000
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.							

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Test Method:	FCC Part 15 Subpart C, Spurious Case Radiated Emissions, Paragraph 15.247(d)						
Customer:	Fisher Price Inc.				Job No.:	R-11824-1	
Test Sample:	Wireless Microphone						
Model No.:	L3182				FCC ID:	CCTL3182-07-M	
Operating Mode:	Continuously Transmitting a 2.478 GHz Signal						
Technician:	R. Soodoo				Date:	February 26, 2007.	
Notes:	Test Distance: 3 Meters			Temp: 4°C		Humidity: 29%	
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Average above 1 GHz						
Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Average Limit
MHz	(V/H) / Meters	Degrees	dB μ V	dB	dB μ V/m	uV/m	uV/m
30.00							100
88.00							100
88.00							150
216.0							150
216.0							200
960.0							200
960.0							500
1652.0	H / 1.5	180.0	37.2	-4.0	33.2	45.7	
2483.5	V / 1.0	180.0	*80.2	-42.5	37.7	76.7	
2485.5	V / 1.0	180.0	*37.7	-1.9	35.8	61.7	
3304.0	H / 1.5	203.0	37.2	0.1	37.3	73.3	
4129.0	H / 1.5	0.0	32.4	3.0	35.4	58.9	
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.							

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

Test Method:	FCC Part 15, Subpart B, Class B, Radiated Emissions, 30 MHz to 1 GHz, Paragraph 15.109(a)						
Customer:	Fisher Price Inc.				Job No.:	R-11824-1	
Test Sample:	Wireless Microphone						
Model No.:	L3182				FCC ID:	CCTL3182-07-M	
Operating Mode:	EUT in standby mode.						
Technician:	R. Soodoo				Date:	February 26, 2007.	
Notes:	Test Distance: 3 Meters			Temp: 4°C		Humidity: 29%	
	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
88.00							100
88.00							150
216.0							150
216.0							200
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.						

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