APPLICANT	MANUFACTURER
Fisher Price, Inc. 636 Girard Avenue East Aurora, NY 14052	Wah Shing Electronics Co. Ltd. 9th Floor, Lea Hin Industrial Building 41-43 Wong Chuk Hang Road Aberdeen, Hong Kong

TEST SPECIFICATION: FCC Rules and Regulations Part 15, Subpart C, Para. 15.227

TEST PROCEDURE: ANSI C63.4:1992

TEST SAMPLE DESCRIPTION

BRANDNAME: Fisher Price. MODEL: FP2911-27T

TYPE: Pulse Code Modulation Transmitter

POWER REQUIREMENTS: 9 VDC via 9 VDC Battery

FREQUENCY OF OPERATION: 27.145 MHz

TESTS PERFORMED

Para. 15.227(a), Radiated Emissions, Fundamental

Para. 15.209 Radiated Emissions, Spurious Case

Para. 15.227(b), Occupied Bandwidth

Duty Cycle Measurement

REPORT OF MEASUREMENTS

Applicant:	Fisher Price, Inc.
Device:	Pulse Code Modulation Transmitter
FCC ID:	CCT72911-27TX72911-27TX
Power Requirements:	9 VDC via 9 VDC Battery
Applicable Rule Section:	Part 15, Subpart C, Section 15.227

TEST RESULTS

15.227 (a) - The field strength of any emission within the band of 26.96 MHz to 27.28 MHz did not exceed 10,000 µV/M at 3 meters, average. The provisions of section 15.35 for limiting peak emissions was applied.

15.227 (b) - The field strength of any emissions outside the band did not exceed the general radiated emissions limits of section 15.209. All signals which exceeded 20 µV/M at 3 meters are reported herein.

DUTY CYCLE DETERMINATION

The spectrum analyzer was set to a 0 Hz span with a sweep time of 100 mSec at the fundamental transmitter frequency. The worst case duty cycle during any 100 mSec period was then measured.

The information below is a calculation of duty cycle based on the measured values obtained:

Pulse Width= 2.2 mSec

Pulses in 100 mSec= 33

Duty Cycle = 2.2 mSec x 33 = 72.6 mSec = 72.6%

Duty Cycle Correction Factor= 20 log(0.726)= -2.8 dB

See duty cycle plots herein for actual measured data

Report of Measurements

Radiated Emissions Data, Paras. 15.227 & 15.209

Test Report Number R-7965
FCC ID: CCT72911-27TX

Test Method:	FCC Part 15 Subpart C Radiated Emissions		
Customer:	Fisher Price	**Job No.**	R-7965
Test Sample:	27 Mhz RC Transmitter	**FCC ID:**	CCT72911-27TX
Model No.:	72911	**Serial No.**	
Operating Mode:	Continuously Transmitter 27 Mhz Signal		
Technician:	Dennis Cortes	**Date:**	March 2,1999

Notes: Test Distance: 3 Meters
Detector: Peak

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	uV/m	uV/m
27.14	H / 090	X	84.0	-11.0	73.0	4466.8	100000
27.14	H / 090	Y	75.2	-11.0	64.2	1621.8	100000
27.14	H / 090	Z	76.8	-11.0	65.8	1949.8	100000
27.14	V / 090	X	78.7	-11.0	67.7	2426.6	100000
27.14	V / 180	Y	70.1	-11.0	59.1	901.6	100000
27.14	V / 180	Z	72.7	-11.0	61.7	1216.2	100000

The EUT emissions do not exceed the specified limit

Test Method:	FCC Part 15 Subpart C Radiated Emissions		
Customer:	Fisher Price	**Job No.**	R-7935
Test Sample:	27 Mhz RC Transmitter	**FCC ID:**	CCT72911-27TX
Model No.:	72911	**Serial No.**	
Operating Mode:	Continuously Transmitter 27 Mhz Signal		
Technician:	Dennis Cortes	**Date:**	March 2,1999

Notes: Test Distance: 3 Meters Duty Cycle: 72.6 %
Detector: Peak Duty cycle Correction: -2.8dB

Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	uV/m	uV/m
27.14	H / 090	X	73.0	-2.8	70.2	3235.9	10000
27.14	H / 090	Y	64.2	-2.8	61.4	1174.9	10000
27.14	H / 090	Z	65.8	-2.8	63.0	1412.5	10000
27.14	V / 090	X	67.7	-2.8	64.9	1757.9	10000
27.14	V / 180	Y	59.1	-2.8	56.3	653.1	10000
27.14	V / 180	Z	61.7	-2.8	58.9	881.0	10000

The EUT emissions do not exceed the specified limit.

Test Method:	FCC Part 15 Radiated Emissions, 30 Mhz to 280 Mhz		
Customer:	Fisher Price	**Job No.**	R-7965
Test Sample:	27 Mhz Transmitter	**FCC ID:**	CCT72911-27TX
Model No.:	72911	**Serial No.**	N/A
Operating Mode:	EUT continuously transmitting 27 Mhz signal		
Technician:	Dennis Cortes	**Date:**	March 2,1999
Notes:	Test Distance: 3 Meters Temp: 08C Humidity: 44%		
	Detector: Quasi-Peak		

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
Mhz	(V/H) /	Degrees	DBuv	dB	dBuv/m	uv/m	uV/m
30.00							100
|							|
|							|
V							|
54.00	V-1.0	225	43.3	-9.4	33.9	49.5	|
|							|
|							|
V							|
88.00							100
88.00							150
|							|
|							|
V							|
162.88	V-1.0	135	33.5	-9.0	24.5	16.8	|
|							|
|							|
|							|
V							|
216.00							150
216.00							200
|							|
|							|
V							|
280.00							200

The EUT was scanned from 30 Mhz to 280 Mhz

The emissions observed from the EUT do not exceed the specified limits. Emissions not recorded were more than 10dB under the specified limit

Report of Measurements

Occupied Bandwidth, Para. 15.227(b)

Please see separate electronic file named Occbw.doc

Test Report Number R-7965
FCC ID: CCT72911-27TX

Report of Measurements

Duty Cycle Measurement

Please see separate electronic file named Duty Cycle.doc

Test Report Number R-7965
FCC ID: CCT72911-27TX