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: FP2824-27T

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

Test Report Number R-7935
FCC ID: CCT2824-27T

REPORT OF MEASUREMENTS

Applicant: Fisher Price, Inc.

Device: Pulse Code Modulation Transmitter

FCC ID: CCT2824-27T

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= 9 mSec

Pulses in 100 mSec= 9.5

Duty Cycle = 9 mSec x 9.5= 85.5 mSec = 85.5%

Duty Cycle Correction Factor= 20 log(0.855)= -1.3 dB

See duty cycle plots herein for actual measured data

Report of Measurements

Radiated Emissions Data, Paras. 15.227 & 15.209

Test Method:	FCC Part 15 Radiated Emissions, Paragraph 15.209, 30 Mhz to 275 Mhz		
Customer:	Fisher Price	**Job No.**	R-7935
Test Sample:	27 Mhz RC Transmitter	**FCC ID:**	N/A
Model No.:	2824	**Serial No.**	FCC ID: CCT2824-27T
Operating Mode:	Continuously transmitting a 27 Mhz signal		
Technician:	Dennis Cortes	**Date:**	March 1,1999

Notes: Test Distance: 3 Meters
Detector: Quasi-Peak

Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
Mhz	(V/H) / Degrees	Degrees	dBuv	dB	dBuv/m	uv/m	uV/m
30.00							100
|							|
V							|
54.30	V-1.0	180	49.2	-9.3	39.9	98.9	|
79.10	V-1.0	203	34.3	-11.1	23.2	14.5	|
|							|
|							|
V							|
88.00							100
88.00							150
|							|
|							|
V							|
116.20	V-1.0	180	35.0	-10.6	24.4	16.6	|
124.80	V-1.0	203	34.3	-10.6	23.7	15.3	|
|							|
|							|
V							|
216.00							150
216.00							200
|							|
|							|
V							|
275.00							200

The frequency range was scanned from 30 MHz to 275 MHz.

Emissions observed from the EUT do not exceed the specified limit.

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Paragraph 15.227		
Customer:	Fisher Price	**Job No.**	R-7935
Test Sample:	27 Mhz RC Transmitter	**FCC ID:**	N/A
Model No.:	2824	**Serial No.**	FCC ID: CCT2824-27T
Operating Mode:	Continuously Transmitter 27 Mhz Signal		
Technician:	Dennis Cortes	**Date:**	March 1,1999

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 / 270	X	89.2	-11.0	78.2	8128.3	100000
27.14	H / 270	Y	89.4	-11.0	78.4	8317.6	100000
27.14	H / 270	Z	89.6	-11.0	78.6	8511.4	100000
27.14	V / 090	X	83.6	-11.0	72.6	4265.8	100000
27.14	V / 180	Y	83.7	-11.0	72.7	4315.2	100000
27.14	V / 090	Z	85.0	-11.0	74.0	5011.9	100000

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Paragraph 15.227		
Customer:	Fisher Price	**Job No.**	R-7935
Test Sample:	27 Mhz RC Transmitter	**FCC ID:**	N/A
Model No.:	2824	**Serial No.**	FCC ID: CCT2824-27T
Operating Mode:	Continuously Transmitter 27 Mhz Signal		
Technician:	Dennis Cortes	**Date:**	March 1,1999

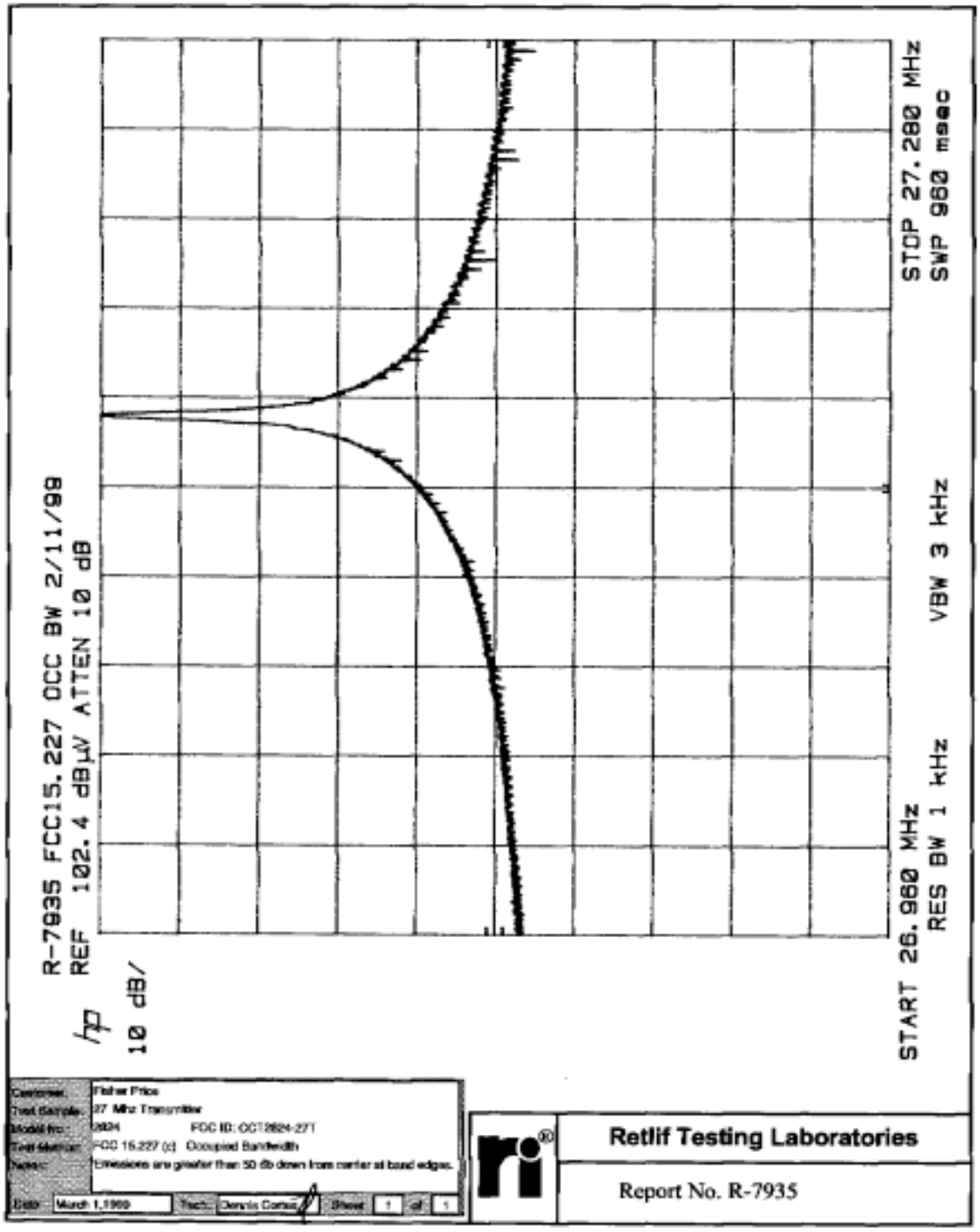
Notes: Test Distance: 3 Meters Duty Cycle: 85.7%
Detector: Peak Duty cycle Correction: -1.3dB

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 / 270	X	78.2	-1.3	76.9	6998.4	10000
27.14	H / 270	Y	78.4	-1.3	77.1	7161.4	10000
27.14	H / 270	Z	78.6	-1.3	77.3	7328.2	10000
27.14	V / 090	X	72.6	-1.3	71.3	3672.8	10000
27.14	V / 180	Y	72.7	-1.3	71.4	3715.4	10000
27.14	V / 090	Z	74.0	-1.3	72.7	4315.2	10000

Report of Measurements

Occupied Bandwidth, Para. 15.227(b)

Test Report Number R-7935
FCC ID: CCT2824-27T


R-7935 FCC15.227 OCC BW 2/11/98
REF 102.4 dBµV ATTEN 10 dB
10 dB/
START 26.960 MHz
RES BW 1 kHz
VBW 3 kHz
STOP 27.280 MHz
SWP 980 msec
Customer: Fisher Price
Test Sample: 27 Mhz Transmitter
Model No: 2824 FCC ID: CCT2824-27T
Test Method: FCC 15.227 (c) Occupied Bandwidth
Notes: Emissions are greater than 50 db down from carrier at band edges.
Date: March 1,1999 Tech: Dennis Coman Sheet 1 of 1
Retlif Testing Laboratories
Report No. R-7935

Report of Measurements

Duty Cycle Measurement

Please refer to separate electronic file named Duty Cycle Data.doc