
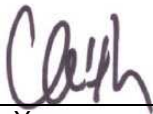



TEST REPORT No: (5216)034-0875

TEST REPORT

To:	JAKKS PACIFIC (H.K.) LIMITED	To:	-
Attn:	Dick Au	Attn:	-
Address:	12/F, Wharft T&T CTR, 7 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong	Address:	-
Fax:	23111386	Fax:	-
E-mail:	dicka@jakks.com.hk	E-mail:	-
Folder No.:	--		
Factory name:	--		
Location:	--		
Product:	XPV/TMNT RC Skateboarding Mikey Model No.: 97109TX		
	Sample No:	(5216)034-0875	
	Date of Receipt:	February 03, 2016	
	Test date:	February 15, 2016	
	Test Requested:	FCC Part 15 - 2012	
	Test Method:	ANSI C63.4 – 2009	
	FCC ID:	OTA97109TX	
The results given in this report are related to the tested specimen of the described electrical apparatus.			
CONCLUSION: The submitted sample was found to <u>COMPLY</u> with requirement of FCC Part 15 Subpart C.			
Authorized Signature:			
			
Reviewed by: Keith Yeung		Approved by: Law Man Kit	
Date: February 26, 2016		Date: February 26, 2016	



TEST REPORT No: (5216)034-0875
Test Result Summary

EMISSION TEST			
Test requirement: FCC Part 15 - 2012			
Test Condition	Test Method	Test Result	
		Pass	Failed
Radiated Emission Test, 9kHz to 25GHz	ANSI C63.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frequency range of Fundamental Emission	ANSI C63.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26dB Bandwidth of Fundamental Emission	ANSI C63.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Duty Cycle Correction During 100msec	ANSI C63.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Report Revision & Sample Re-submit History:

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TEST REPORT No: (5216)034-0875

Location of the test laboratory

Radiated and Conducted emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.4 – 2009. An Open Area Test Site and Full Anechoic Chamber (FCC Listed Site, Registration No. 642151) are set up for investigation and located at :

BUREAU VERITAS HONG KONG LIMITED, EMC CENTRE

No. 2106-2107, 21/F., Westin Centre,
26 Hung To Road,
Kwun Tong, Kowloon,
Hong Kong

List of measuring equipment

Radiated Emission

EQUIPMENT	MANUFACTURER	MODEL NO.	SERIAL NO.	LAST CALIBRATION	CALIBRATION DUE
EMI TEST RECEIVER	R&S	ESCI	100379	03-FEB-2016	02-FEB-2017
SIGNAL ANALYZER 40GHZ	ROHDE & SCHWARZ	FSV 40	100977	30-JUN-2015	29-JUN-2016
SPECTRUM ANALYZER	R&S	R3127	111000909	27-APR-2015	26-APR-2016
LOOP ANTENNA	ETS LINDGREN	6502	00102266	06-NOV-2015	05-NOV-2016
BILOG ANTENNA	SCHAFFNER	CBL6112D	25229	02-FEB-2016	01-FEB-2017
HORN ANTENNA	SCHWARZBECK	BBHA9120D	9120D-692	26-DEC-2015	27-DEC-2016
WIDEBAND HORN ANTENNA 18 TO 40GHZ	STEATITE	QWH-SL-18-40-K-SG	12688	03-SEP-2015	02-SEP-2016
PREAMPLIFIER	SCHWARZBECK	BBV9718	9718-152	13-OCT-2015	12-OCT-2016
OPEN AREA TEST SITE	BVCPS	N/A	N/A	19-JUN-2015	18-JUN-2016
ANECHOIC CHAMBER	ALBATROSS	M-CDC	80374004499B	12-FEB-2016	11-FEB-2017
COAXIAL CABLE	SUHNER	N/A	N/A	07-JAN-2016	06-JAN-2017
HIGH FREQUENCY RF CABLE	ROHDE & SCHWARZ	N/A	N/A	04-NOV-2015	03-NOV-2016

Measurement Uncertainty

MEASUREMENT	FREQUENCY	UNCERTAINTY
Radiated emissions	9kHz to 30MHz	4.2dB
	30MHz to 1GHz	5.0dB
	1GHz to 18GHz	4.9dB
	18GHz to 40GHz	4.8dB

Remarks:-

N/A : Not Applicable or Not Available

The measurement instrumentation uncertainty would be taking into consideration on each of the test result

TEST REPORT No: (5216)034-0875

Equipment Under Test [EUT]

Description of Sample:

Model Name: XPV/TMNT RC Skateboarding Mikey
 Model Number: 97109TX
 Additional Model Number: --
 Additional Model information: --
 Rating: 3Vd.c. ("AA" size battery x 2)

Description of EUT Operation:

The Equipment Under Test (EUT) is a **JAKKS PACIFIC (H.K.) LIMITED.** of Remote Control Transmitter. It is a 1 switch and 2 buttons transmitter and operating at 2408MHz to 2448MHz. The lowest, middle and highest frequencies were tested and the results are shown in the report. The EUT transmit while buttons is being pressed, Modulation by IC, and type is GFSK. There are total 4 channels and below is the frequency list :

2408	2418	2428	2448
------	------	------	------

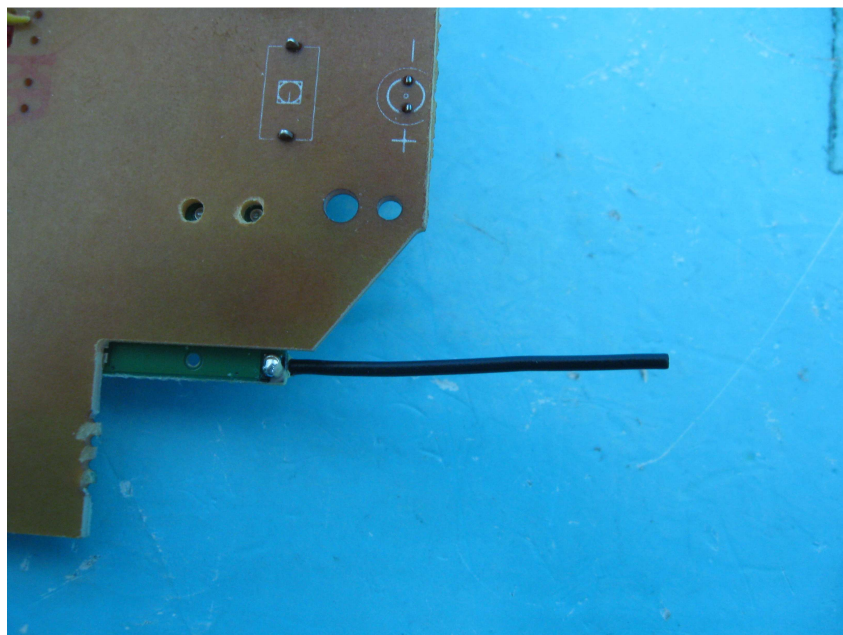
The transmitter has different control:

1. ON/OFF Switch – power control
2. Left button – spin control
3. Right button – forward control

Antenna Requirement (Section 15.203)

The EUT is use of a permanently antenna. It is soldered on the PCB. The antenna consists of 3.0cm long wire The antenna is not replaceable or user serviceable. The requirements of S15.203 are met. There are no deviations or exceptions to the specifications.

Photo of Antenna



TEST REPORT No: (5216)034-0875

Test Results

Radiated Emissions (Fundamental)

Test Requirement: FCC Part 15 Section 15.249
Test Method: ANSI C63.4
Test Date(s): 2016-02-15
Temperature: 19.0 °C
Humidity: 70.0 %
Atmospheric Pressure: 100.6 kPa
Mode of Operation: Transmission mode
Tested Voltage: 3Vd.c. ("AA" size battery x 2)

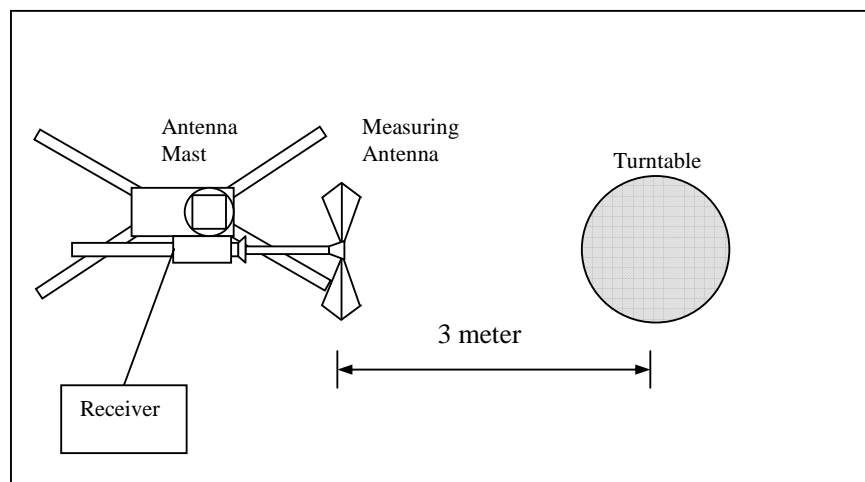
Test Procedure:

Radiated emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.4 – 2009.

The equipment under test (EUT) was placed on a non-conductive turntable with dimensions of 1.5m x 1m and 0.8m high above the ground. 3m from the EUT, a broadband antenna mounting on the mast received the signal strength. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, For battery operated equipment, the equipment tests shall be perform using new battery. The turntable was rotated to maximize the emission level. The antenna was then moving along the mast from 1m up to 4m until no more higher value was found. Both horizontal and vertical polarization of the antenna were placed and investigated.

Location: The Roof, Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong

Test Setup: Open Area Test Site





TEST REPORT No: (5216)034-0875

Limits for Field Strength of Fundamental Emissions [FCC 47CFR 15.249]:

Frequency Range of Fundamental [MHz]	Field Strength of Fundamental Emission (Average) [mV/m]	Field Strength of Harmonics Emission (Average) [μV/m]
2400-2483.5	50	500

Measurement Data

Test Result of (Transmission mode, Lowest frequency): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
2408.20	H	-3.7	-26.3	90.6	114.0	-23.4	**64.3	94.0	-29.7
2408.20	V	-3.7	-26.3	91.9	114.0	-22.1	**65.6	94.0	-28.4

Test Result of (Transmission mode, Middle frequency): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
2428.20	H	-3.7	-26.3	91.8	114.0	-22.2	**65.5	94.0	-28.5
2428.20	V	-3.7	-26.3	91.0	114.0	-23.0	**64.7	94.0	-29.3

Test Result of (Transmission mode, Highest frequency): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
2448.20	H	-3.7	-26.3	90.1	114.0	-23.9	**63.8	94.0	-30.2
2448.20	V	-3.7	-26.3	91.4	114.0	-22.6	**65.1	94.0	-28.9

For pulse modulated devices and using measuring equipment employing a peak detection mode, properly adjusted for such factor as pulse desensitisation.

**Duty Cycle Correction = $20\log(0.048) = -26.3\text{dB}$.

Note: Field Strength includes Gain of pre-amplifier, Antenna Factor and Cable Loss.

Receiver setting: RBW = 1MHz
VBW = 1MHz



TEST REPORT No: (5216)034-0875

Radiated Emissions (Spurious Emission)

Test Requirement: FCC Part 15 Section 15.249
 Test Method: ANSI C63.4
 Test Date(s): 2016-02-15
 Temperature: 19.0 °C
 Humidity: 70.0 %
 Atmospheric Pressure: 100.6 kPa
 Mode of Operation: Transmission mode
 Tested Voltage: 3Vd.c. ("AA" size battery x 2)

Measurement Data

Test Result of (Transmission mode, Lowest frequency): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
4816.40	H	4.3	-26.3	57.6	74.0	-16.4	**31.3	54.0	-22.7
7224.60	H	11.8	-26.3	51.4	74.0	-22.6	**25.1	54.0	-28.9
9632.80	H	15.8	-26.3	49.2	74.0	-24.8	**22.9	54.0	-31.1
12041.00	H	19.1	-26.3	52.7	74.0	-21.3	**26.4	54.0	-27.6
14449.20	H	21.5	-26.3	58.3	74.0	-15.7	**32.0	54.0	-22.0
16857.40	H	24.7	-26.3	64.3	74.0	-9.7	**38.0	54.0	-16.0
19265.60	H	46.5	-26.3	62.7	74.0	-11.3	**36.4	54.0	-17.6
21673.80	H	46.8	-26.3	62.6	74.0	-11.4	**36.3	54.0	-17.7
24082.00	H	47.6	-26.3	62.3	74.0	-11.7	**36.0	54.0	-18.0
26490.20	H	48.6	-26.3	65.5	74.0	-8.5	**39.2	54.0	-14.8

For pulse modulated devices and using measuring equipment employing a peak detection mode, properly adjusted for such factor as pulse desensitisation.

**Duty Cycle Correction = $20\log(0.048) = -26.3\text{dB}$.

Note: Field Strength includes Gain of pre-amplifier, Antenna Factor and Cable Loss.

Receiver setting: RBW = 1MHz
VBW = 1MHz



TEST REPORT No: (5216)034-0875

Measurement Data

Test Result of (Transmission mode, Lowest frequency): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
4816.40	V	4.3	-26.3	58.3	74.0	-15.7	**32.0	54.0	-22.0
7224.60	V	11.8	-26.3	52.8	74.0	-21.2	**26.5	54.0	-27.5
9632.80	V	15.8	-26.3	51.5	74.0	-22.5	**25.2	54.0	-28.8
12041.00	V	19.1	-26.3	54.2	74.0	-19.8	**27.9	54.0	-26.1
14449.20	V	21.5	-26.3	59.4	74.0	-14.6	**33.1	54.0	-20.9
16857.40	V	24.7	-26.3	63.8	74.0	-10.2	**37.5	54.0	-16.5
19265.60	V	46.5	-26.3	64.3	74.0	-9.7	**38.0	54.0	-16.0
21673.80	V	46.8	-26.3	64.2	74.0	-9.8	**37.9	54.0	-16.1
24082.00	V	47.6	-26.3	63.7	74.0	-10.3	**37.4	54.0	-16.6
26490.20	V	48.6	-26.3	66.2	74.0	-7.8	**39.9	54.0	-14.1

For pulse modulated devices and using measuring equipment employing a peak detection mode, properly adjusted for such factor as pulse desensitisation.

**Duty Cycle Correction = $20\log(0.048) = -26.3\text{dB}$.

Note: Field Strength includes Gain of pre-amplifier, Antenna Factor and Cable Loss.

Receiver setting: RBW = 1MHz
VBW = 1MHz

TEST REPORT No: (5216)034-0875

Measurement Data

Test Result of (Transmission mode, Middle frequency): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
4856.40	H	4.3	-26.3	57.2	74.0	-16.8	**30.9	54.0	-23.1
7284.60	H	11.8	-26.3	52.7	74.0	-21.3	**26.4	54.0	-27.6
9712.80	H	15.8	-26.3	50.6	74.0	-23.4	**24.3	54.0	-29.7
12141.00	H	19.1	-26.3	53.7	74.0	-20.3	**27.4	54.0	-26.6
14569.20	H	22.5	-26.3	58.9	74.0	-15.1	**32.6	54.0	-21.4
16997.40	H	28.7	-26.3	64.2	74.0	-9.8	**37.9	54.0	-16.1
19425.60	H	46.5	-26.3	64.4	74.0	-9.6	**38.1	54.0	-15.9
21853.80	H	47.1	-26.3	62.5	74.0	-11.5	**36.2	54.0	-17.8
24282.00	H	47.8	-26.3	64.0	74.0	-10.0	**37.7	54.0	-16.3
26710.20	H	48.6	-26.3	65.4	74.0	-8.6	**39.1	54.0	-14.9

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
4856.40	V	4.3	-26.3	57.7	74.0	-16.3	**31.4	54.0	-22.6
7284.60	V	11.8	-26.3	52.5	74.0	-21.5	**26.2	54.0	-27.8
9712.80	V	15.8	-26.3	51.2	74.0	-22.8	**24.9	54.0	-29.1
12141.00	V	19.1	-26.3	53.7	74.0	-20.3	**27.4	54.0	-26.6
14569.20	V	22.5	-26.3	59.1	74.0	-14.9	**32.8	54.0	-21.2
16997.40	V	28.7	-26.3	63.3	74.0	-10.7	**37.0	54.0	-17.0
19425.60	V	46.5	-26.3	64.6	74.0	-9.4	**38.3	54.0	-15.7
21853.80	V	47.1	-26.3	62.8	74.0	-11.2	**36.5	54.0	-17.5
24282.00	V	47.8	-26.3	64.3	74.0	-9.7	**38.0	54.0	-16.0
26710.20	V	48.6	-26.3	63.9	74.0	-10.1	**37.6	54.0	-16.4

For pulse modulated devices and using measuring equipment employing a peak detection mode, properly adjusted for such factor as pulse desensitisation.

**Duty Cycle Correction = $20\log(0.048) = -26.3\text{dB}$.

Note: Field Strength includes Gain of pre-amplifier, Antenna Factor and Cable Loss.

Receiver setting: RBW = 1MHz
VBW = 1MHz

TEST REPORT No: (5216)034-0875

Measurement Data

Test Result of (Transmission mode, Highest frequency): PASS

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
4896.40	H	4.3	-26.3	59.0	74.0	-15.0	**32.7	54.0	-21.3
7344.60	H	11.8	-26.3	52.6	74.0	-21.4	**26.3	54.0	-27.7
9792.80	H	15.8	-26.3	50.3	74.0	-23.7	**24.0	54.0	-30.0
12241.00	H	19.1	-26.3	54.3	74.0	-19.7	**28.0	54.0	-26.0
14689.20	H	23.2	-26.3	57.3	74.0	-16.7	**31.0	54.0	-23.0
17137.40	H	28.7	-26.3	62.8	74.0	-11.2	**36.5	54.0	-17.5
19585.60	H	46.6	-26.3	64.2	74.0	-9.8	**37.9	54.0	-16.1
22033.80	H	47.1	-26.3	63.7	74.0	-10.3	**37.4	54.0	-16.6
24482.00	H	47.8	-26.3	63.5	74.0	-10.5	**37.2	54.0	-16.8
26930.20	H	48.6	-26.3	62.7	74.0	-11.3	**36.4	54.0	-17.6

Frequency (MHz)	Polarity (H/V)	Antenna Factor & Cable Loss (dB/m)	Duty-cycle correction (dB)	Field Strength at 3m – Peak (dBμV/m)	Limit at 3m – Peak (dBμV/m)	Margin - Peak (dB)	Field Strength at 3m – Average (dBμV/m)	Limit at 3m – Average (dBμV/m)	Margin - Average (dB)
4896.40	V	4.3	-26.3	56.7	74.0	-17.3	**30.4	54.0	-23.6
7344.60	V	11.8	-26.3	51.4	74.0	-22.6	**25.1	54.0	-28.9
9792.80	V	15.8	-26.3	50.4	74.0	-23.6	**24.1	54.0	-29.9
12241.00	V	19.1	-26.3	54.1	74.0	-19.9	**27.8	54.0	-26.2
14689.20	V	23.2	-26.3	58.3	74.0	-15.7	**32.0	54.0	-22.0
17137.40	V	28.7	-26.3	64.0	74.0	-10.0	**37.7	54.0	-16.3
19585.60	V	46.6	-26.3	65.4	74.0	-8.6	**39.1	54.0	-14.9
22033.80	V	47.1	-26.3	63.5	74.0	-10.5	**37.2	54.0	-16.8
24482.00	V	47.8	-26.3	64.1	74.0	-9.9	**37.8	54.0	-16.2
26930.20	V	48.6	-26.3	64.3	74.0	-9.7	**38.0	54.0	-16.0

For pulse modulated devices and using measuring equipment employing a peak detection mode, properly adjusted for such factor as pulse desensitisation.

**Duty Cycle Correction = $20\log(0.048) = -26.3\text{dB}$.

Note: Field Strength includes Gain of pre-amplifier, Antenna Factor and Cable Loss.

Receiver setting: RBW = 1MHz

VBW = 1MHz



TEST REPORT No: (5216)034-0875

Radiated Emissions (30MHz – 2.4GHz)

Test Requirement: FCC Part 15 Section 15.209
Test Method: ANSI C63.4
Test Date(s): 2016-02-15
Temperature: 19.0 °C
Humidity: 70.0 %
Atmospheric Pressure: 100.6 kPa
Mode of Operation: On mode
Tested Voltage: 3Vd.c. ("AA" size battery x 2)

Limits for Radiated Emissions [FCC 47 CFR 15.209]:

Frequency Range [MHz]	Quasi-Peak Limits [μV/m]	Measurement Distance m
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Measurement Data

Test Result of (On mode): **PASS**

Detection mode: **Quasi-Peak**

Frequency (MHz)	Polarity (H/V)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Emissions detected are more than 20 dB below the limit line(s) in 9kHz to 30MHz				

Note: Field Strength includes Antenna Factor and Cable Loss.

Receiver setting: RBW = 200Hz
VBW = 200Hz



TEST REPORT No: (5216)034-0875
Measurement Data

Test Result of (On mode): PASS

Detection mode: Quasi-Peak

Frequency (MHz)	Polarity (H/V)	Field Strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
45.92	H	25.5	40.0	-14.5
68.04	H	20.3	40.0	-19.7
133.76	H	24.0	43.5	-19.5
195.40	H	21.6	43.5	-21.9
260.12	H	24.2	46.0	-21.8
449.12	H	27.9	46.0	-18.1

Frequency (MHz)	Polarity (H/V)	Field Strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
45.92	V	25.7	40.0	-14.3
68.04	V	20.1	40.0	-19.9
133.76	V	24.0	43.5	-19.5
195.40	V	21.8	43.5	-21.7
260.12	V	24.0	46.0	-22.0
449.12	V	27.6	46.0	-18.4

Note: Field Strength

includes Antenna Factor and Cable Loss.

Receiver setting: RBW = 120kHz
 VBW = 120kHz



TEST REPORT No: (5216)034-0875

Frequency range of Fundamental Emission

Test Requirement: FCC 47 CFR 15.249
Test Method: ANSI C63.4:2009 (Section 13.1.7)
Test Date(s): 2016-02-15
Temperature: 19.0 °C
Humidity: 70.0 %
Atmospheric Pressure: 100.6 kPa
Mode of Operation: Transmission mode
Tested Voltage: 3Vd.c. ("AA" size battery x 2)

Test Method:

The bandwidth is measured at an amplitude level reduced from the reference level by a specified ratio. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.

Limits for Frequency range of Fundamental Emission:

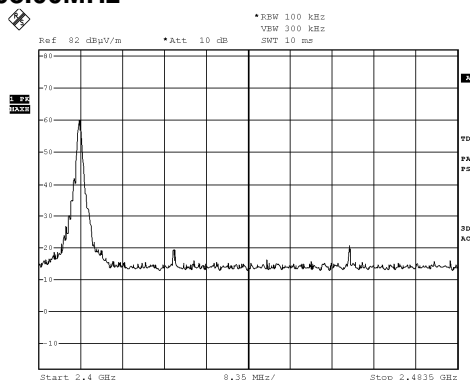
Frequency [MHz]	FCC Limits [MHz]
2406.94 – 2450.32	2400 – 2483.5

TEST REPORT No: (5216)034-0875

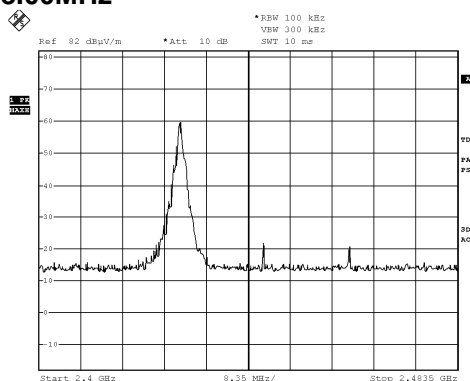
Measurement Data :

Test Result of Frequency Range of Fundamental Emission: PASS

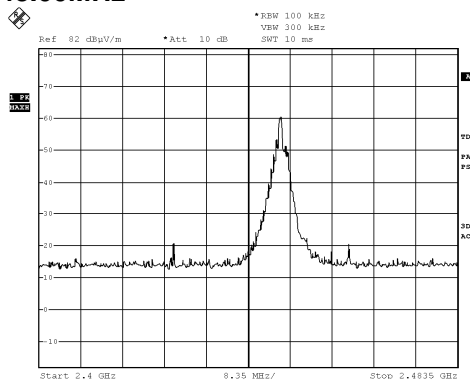
Lowest Frequency – 2408.00MHz



Middle Frequency – 2428.00MHz



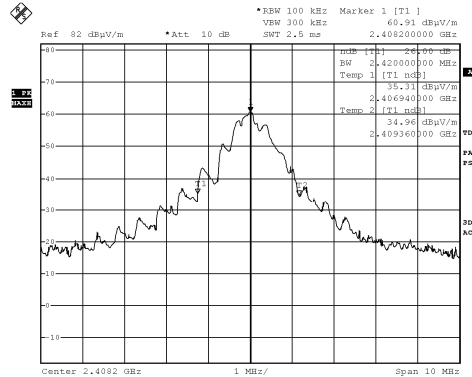
Highest Frequency – 2448.00MHz



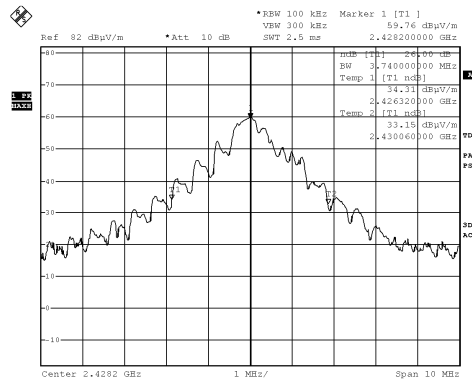
TEST REPORT No: (5216)034-0875
Measurement Data :

Test Result of 26dB Bandwidth of Fundamental Emission: PASS

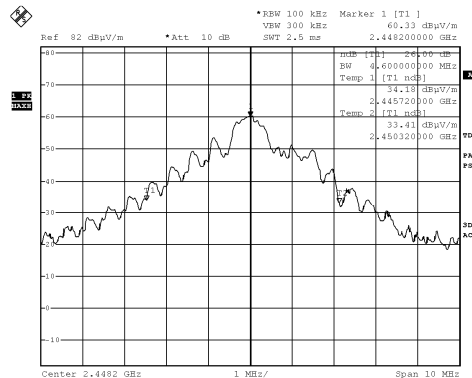
Lowest Frequency – 2408.00MHz



Middle Frequency – 2428.00MHz



Highest Frequency – 2448.00MHz





TEST REPORT No: (5216)034-0875

Duty Cycle Correction During 100msec:

Each function key sends a different series of characters, but each packet period (100msec) never exceeds a series of 12 pulses (0.4msec). Assuming any combination of short and long pulses maybe obtained due to encoding the worst case transmit duty cycle would be considered 12×0.4 per 100msec = 4.8% duty cycle.

Remarks:

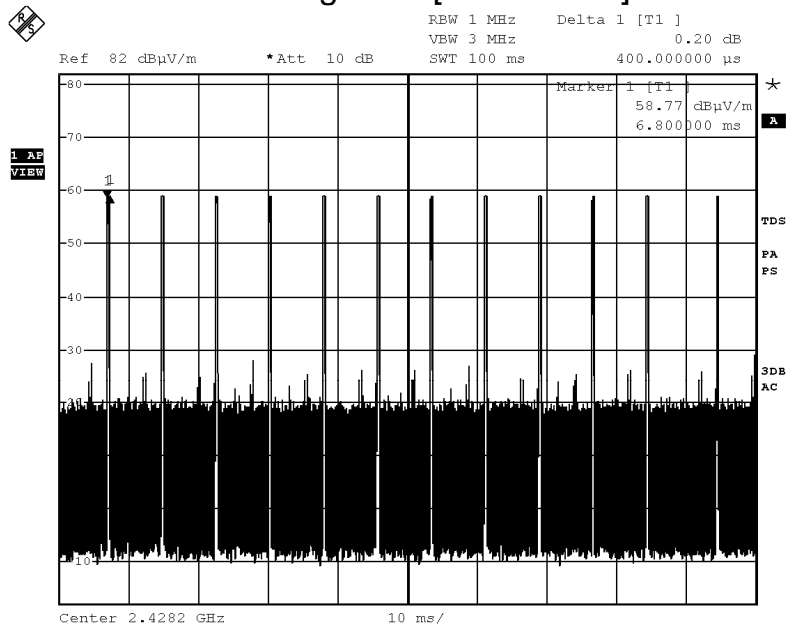
Duty Cycle Correction = $20\text{Log}(0.048) = -26.3\text{dB}$

The following figures [Figure A] show the characteristics of the pulse train for one of these functions.

TEST REPORT No: (5216)034-0875

Measurement Data :

Figure A [Pulse Train]



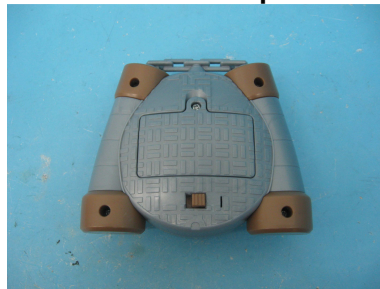
TEST REPORT No: (5216)034-0875

Photographs of EUT

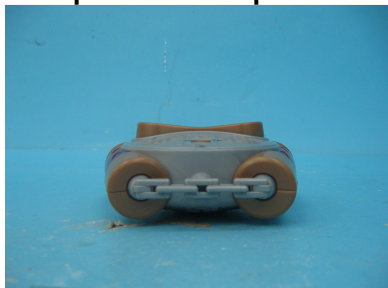
Front View of the product



Rear View of the product



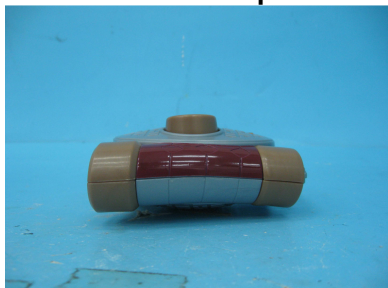
Top View of the product



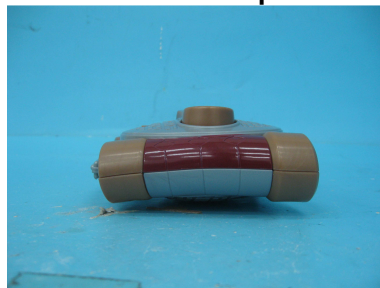
Bottom View of the product



Side View of the product



Side View of the product



Battery compartment



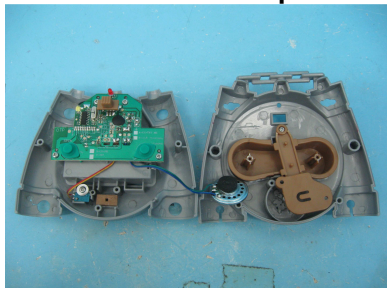
Battery Cover



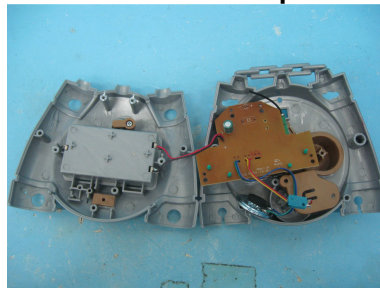
TEST REPORT No: (5216)034-0875

Photographs of EUT

Internal View of the product



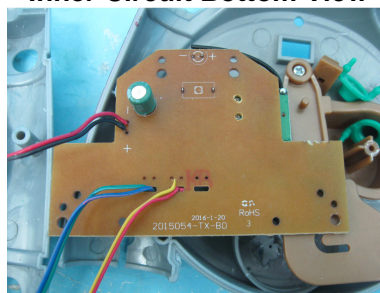
Internal View of the product



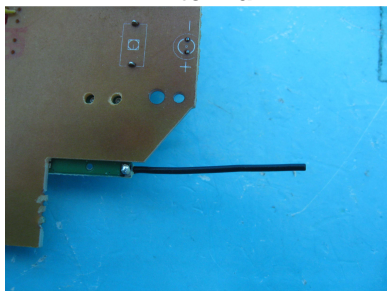
Inner Circuit Top View



Inner Circuit Bottom View



Antenna



TEST REPORT No: (5216)034-0875

Measurement of Radiated Emission Test Set Up



******* End of Report *******