

TEST REPORT

To:	JAKKS PACIFIC (H.K.) LIMITED	To: -					
Attn:	Kin Yiu / Jessica Ho / Dick Au / Mathew Chu / Ellie Liu	Attn:	-				
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E-mail:	kakiny@jakks.com.hk / jessicah@jakks.com.hk	E-mail:	-				
Folder No.:							
Factory name:							
Location:							
Product: XPV/Marvel – RC Rollover Rumbler Model No.: 97114TX							
N N		Sample No:	(5215)322-0117				
		Date of Receipt:	November 18, 2015				
		Test date:	November 23, 2015				
		Test Requested:	FCC Part 15 - 2012				
*		Test Method:	ANSI C63.4 - 2009				
A	n In the second	FCC ID:	OTA97114TX				
The results	given in this report are related to the teste	d specimen of the des	cribed electrical apparatus.				
CONCLUSION:	The submitted sample was found to <u>COM</u>	PLY with requirement	of FCC Part 15 Subpart C.				
	Authorized Si	gnature:					
D. 11. 11. 17	Cauh						
Reviewed by: Ke Date: December		proved by: Law Man Kit					
Date: Decembe	1 U4, ZU15 Da	ate: December 04, 2015					

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TEST REPORT No: (5215)322-0117 **Test Result Summary**

EMISS	SION TEST		
Test requirement: FCC Part 15 - 2012			
Test Condition	Test Method	Test	Result
rest Condition	i est Metriod	Pass	Failed
Radiated Emission Test,	ANSI C63.4	\boxtimes	
9kHz to 25GHz			
Frequency range of Fundamental Emission	ANSI C63.4	\boxtimes	
26dB Bandwidth of Fundamental Emission	ANSI C63.4	\boxtimes	
Duty Cycle Correction During 100msec	ANSI C63.4		

Report Revision & Sample Re-submit History:

www.cps.bureauveritas.com



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	04-FEB-2015	03-FEB-2016
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	03-FEB-2015	02-FEB-2016
HORN ANTENNA	SCHWARZBECK	BBHA9120D	9120D-692	27-DEC-2014	26-DEC-2015
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	13-FEB-2015	12-FEB-2016
COAXIAL CABLE	SUHNER	N/A	N/A	08-JAN-2015	07-JAN-2016
HIGH FREQUENCY RF CABLE	ROHDE & SCHWARZ	N/A	N/A	04-NOV-2015	03-NOV-2016

Measurement Uncertainty

MEASUREMENT	FREQUENCY	UNCERTAINTY	
	9kHz to 30MHz	4.2dB	
Radiated emissions	30MHz to 1GHz	5.0dB	
Radialed emissions	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



Equipment Under Test [EUT]

Description of Sample:

Model Name: XPV/Marvel - RC Rollover Rumbler

Model Number: 97114TX

Additional Model Number: Additional Model information:

3Vd.c. ("AA" size battery x 2) Rating:

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 sticks transmitter and operating at 2408MHz to 2440MHz. The lowest, middle and highest frequencies were tested and the results are shown in the report. The EUT transmit while buttons is being pressed or sticks are being pushed or pulled, Modulation by IC, and type is GFSK.

There are total 4 channels and below is the frequency list:

2408 2414 2424 2440

The transmitter has different control:

- 1. ON/OFF Switch power control
- 2. Left Stick Forward/Reverse control
- 3. Right Stick Leftward/Rightward 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 Results

Radiated Emissions (Fundamental)

Test Requirement: FCC Part 15 Section 15.249

Test Method:

ANSI C63.4

Test Date(s):

2015-11-23

Temperature:

27.0 °C

Humidity:

75.0 %

Atmospheric Pressure:

100.6 kPa

Mode of Operation: Transmission mode

Tested Voltage: 3Vd.c. ("AA" size battery x 2)

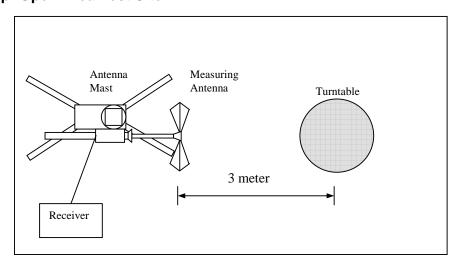
Test Procedure:

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





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

Frequency Range of	Field Strength of	Field Strength of
Fundamental	Fundamental Emission	Harmonics Emission
	(Average)	(Average)
[MHz]	[mV/m]	[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)
2408.00	Н	*0.0	-24.4	93.4	114.0	-20.6	**69.0	94.0	-25.0
2408.00	V	*0.0	-24.4	97.3	114.0	-16.7	**72.9	94.0	-21.1

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)
2424.00	Н	*0.0	-24.4	92.8	114.0	-21.2	**68.4	94.0	-25.6
2424.00	V	*0.0	-24.4	97.2	114.0	-16.8	**72.8	94.0	-21.2

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)
2440.00	Н	*0.0	-24.4	90.7	114.0	-23.3	**66.3	94.0	-27.7
2440.00	V	*0.0	-24.4	96.2	114.0	-17.8	**71.8	94.0	-22.2

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

Note: Field Strength includes Antenna Factor and Cable Loss.

RBW = 1MHz Receiver setting:

VBW = 1MHz

Correction factor: Antenna factor + Cable loss - Gain of pre-amplifier

^{**}Duty Cycle Correction = 20Log(0.06) = -24.4dB.



Radiated Emissions (Spurious Emission)

Test Requirement: FCC Part 15 Section 15.249

Test Method: ANSI C63.4

Test Date(s): 2015-11-23

Temperature: 27.0 °C

Humidity: 75.0 %

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)
4816.00	Н	5.9	-24.4	62.5	74.0	-11.5	**38.1	54.0	-15.9
7224.00	Н	12.7	-24.4	51.6	74.0	-22.4	**27.2	54.0	-26.8
9632.00	Н	16.4	-24.4	53.2	74.0	-20.8	**28.8	54.0	-25.2
12040.00	Н	18.4	-24.4	55.2	74.0	-18.8	**30.8	54.0	-23.2
14448.00	Ι	23.2	-24.4	61.8	74.0	-12.2	**37.4	54.0	-16.6
16856.00	Ι	22.0	-24.4	62.8	74.0	-11.2	**38.4	54.0	-15.6
19264.00	Н	46.3	-24.4	62.3	74.0	-11.7	**37.9	54.0	-16.1
21672.00	Н	47.1	-24.4	62.5	74.0	-11.5	**38.1	54.0	-15.9
24080.00	Н	47.5	-24.4	61.9	74.0	-12.1	**37.5	54.0	-16.5
26488.00	Н	48.5	-24.4	61.7	74.0	-12.3	**37.3	54.0	-16.7

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

Note: Field Strength includes Antenna Factor and Cable Loss.

Receiver setting: RBW = 1MHz VBW = 1MHz

^{**}Duty Cycle Correction = 20Log(0.06) = -24.4dB.



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)
4816.00	V	5.9	-24.4	65.6	74.0	-8.4	**41.2	54.0	-12.8
7224.00	V	12.7	-24.4	50.4	74.0	-23.6	**26.0	54.0	-28.0
9632.00	V	16.4	-24.4	53.1	74.0	-20.9	**28.7	54.0	-25.3
12040.00	V	18.4	-24.4	56.1	74.0	-17.9	**31.7	54.0	-22.3
14448.00	V	23.2	-24.4	62.7	74.0	-11.3	**38.3	54.0	-15.7
16856.00	V	22.0	-24.4	62.9	74.0	-11.1	**38.5	54.0	-15.5
19264.00	V	46.3	-24.4	63.5	74.0	-10.5	**39.1	54.0	-14.9
21672.00	V	47.1	-24.4	63.0	74.0	-11.0	**38.6	54.0	-15.4
24080.00	V	47.5	-24.4	62.4	74.0	-11.6	**38.0	54.0	-16.0
26488.00	V	48.5	-24.4	62.6	74.0	-11.4	**38.2	54.0	-15.8

[#] For pulse modulated devices and using measuring equipment employing a peak detection mode, properly adjusted for such factor as pulse desensitisation.
**Duty Cycle Correction = 20Log(0.06) = -24.4dB.

Note: Field Strength includes Antenna Factor and Cable Loss.

RBW = 1MHz Receiver setting:

VBW = 1MHz



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)
4848.00	Н	5.9	-24.4	61.8	74.0	-12.2	**37.4	54.0	-16.6
7272.00	Н	12.7	-24.4	49.1	74.0	-24.9	**24.7	54.0	-29.3
9696.00	Н	16.4	-24.4	52.3	74.0	-21.7	**27.9	54.0	-26.1
12120.00	Н	18.6	-24.4	55.6	74.0	-18.4	**31.2	54.0	-22.8
14544.00	Н	23.5	-24.4	61.7	74.0	-12.3	**37.3	54.0	-16.7
16968.00	Н	23.7	-24.4	63.8	74.0	-10.2	**39.4	54.0	-14.6
19392.00	Н	46.4	-24.4	62.2	74.0	-11.8	**37.8	54.0	-16.2
21816.00	Н	47.0	-24.4	61.9	74.0	-12.1	**37.5	54.0	-16.5
24240.00	Н	47.7	-24.4	62.3	74.0	-11.7	**37.9	54.0	-16.1
26664.00	Н	48.7	-24.4	61.5	74.0	-12.5	**37.1	54.0	-16.9

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)
4848.00	V	5.9	-24.4	66.5	74.0	-7.5	**42.1	54.0	-11.9
7272.00	V	12.7	-24.4	49.2	74.0	-24.8	**24.8	54.0	-29.2
9696.00	V	16.4	-24.4	53.0	74.0	-21.0	**28.6	54.0	-25.4
12120.00	V	18.6	-24.4	55.7	74.0	-18.3	**31.3	54.0	-22.7
14544.00	V	23.5	-24.4	62.1	74.0	-11.9	**37.7	54.0	-16.3
16968.00	V	23.7	-24.4	64.2	74.0	-9.8	**39.8	54.0	-14.2
19392.00	V	46.4	-24.4	63.9	74.0	-10.1	**39.5	54.0	-14.5
21816.00	V	47.0	-24.4	61.4	74.0	-12.6	**37.0	54.0	-17.0
24240.00	V	47.7	-24.4	63.9	74.0	-10.1	**39.5	54.0	-14.5
26664.00	V	48.7	-24.4	62.6	74.0	-11.4	**38.2	54.0	-15.8

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

Note: Field Strength includes Antenna Factor and Cable Loss.

Receiver setting: RBW = 1MHz VBW = 1MHz

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^{**}Duty Cycle Correction = 20Log(0.06) = -24.4dB.



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)
4880.00	Н	5.9	-24.4	61.6	74.0	-12.4	**37.2	54.0	-16.8
7320.00	Н	12.7	-24.4	48.6	74.0	-25.4	**24.2	54.0	-29.8
9760.00	Н	16.4	-24.4	53.2	74.0	-20.8	**28.8	54.0	-25.2
12200.00	Н	18.6	-24.4	55.3	74.0	-18.7	**30.9	54.0	-23.1
14640.00	Н	25.0	-24.4	61.5	74.0	-12.5	**37.1	54.0	-16.9
17080.00	Н	27.2	-24.4	63.1	74.0	-10.9	**38.7	54.0	-15.3
19520.00	Н	46.5	-24.4	63.3	74.0	-10.7	**38.9	54.0	-15.1
21960.00	Н	46.9	-24.4	60.2	74.0	-13.8	**35.8	54.0	-18.2
24400.00	Н	48.0	-24.4	61.7	74.0	-12.3	**37.3	54.0	-16.7
26840.00	Н	48.3	-24.4	61.4	74.0	-12.6	**37.0	54.0	-17.0

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)
4880.00	V	5.9	-24.4	65.3	74.0	-8.7	**40.9	54.0	-13.1
7320.00	V	12.7	-24.4	50.0	74.0	-24.0	**25.6	54.0	-28.4
9760.00	V	16.4	-24.4	52.1	74.0	-21.9	**27.7	54.0	-26.3
12200.00	V	18.6	-24.4	57.1	74.0	-16.9	**32.7	54.0	-21.3
14640.00	V	25.0	-24.4	62.5	74.0	-11.5	**38.1	54.0	-15.9
17080.00	V	27.2	-24.4	63.0	74.0	-11.0	**38.6	54.0	-15.4
19520.00	V	46.5	-24.4	63.3	74.0	-10.7	**38.9	54.0	-15.1
21960.00	V	46.9	-24.4	62.7	74.0	-11.3	**38.3	54.0	-15.7
24400.00	V	48.0	-24.4	62.4	74.0	-11.6	**38.0	54.0	-16.0
26840.00	V	48.3	-24.4	62.7	74.0	-11.3	**38.3	54.0	-15.7

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

Note: Field Strength includes Antenna Factor and Cable Loss.

RBW = 1MHz Receiver setting: VBW = 1MHz

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^{**}Duty Cycle Correction = 20Log(0.06) = -24.4dB.



Radiated Emissions (30MHz – 2.4GHz)

Test Requirement: FCC Part 15 Section 15.209

Test Method:

ANSI C63.4

Test Date(s):

Temperature:

Humidity:

Atmospheric Pressure:

Mode of Operation:

ANSI C63.4

2015-11-23

27.0 °C

75.0 %

100.6 kPa

On mode

Tested Voltage: 3Vd.c. ("AA" size battery x 2)

Limits for Radiated Emissions [FCC 47 CFR 15.209]:

Frequency Range	Quasi-Peak Limits	Measurement Distance
[MHz]	[μV/m]	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
Above960	500	3

Measurement Data

Test Result of (On mode): PASS

Detection mode: Quasi-Peak

Frequency	Polarity (H/V)	Field Strength	Limit	Margin (dB)		
Emissions	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

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Measurement Data

Test Result of (On mode): PASS

Detection mode: Quasi-Peak

Frequency	Polarity	Field Strength	Limit	Margin (dB)
36.88	Н	29.2	40.0	-10.8
52.56	Н	24.0	40.0	-16.0
142.00	Н	24.3	43.5	-19.2
275.92	Н	25.1	46.0	-20.9
390.92	Н	26.8	46.0	-19.2
557.84	Н	29.7	46.0	-16.3

Frequency	Polarity	Field Strength	Limit	Margin (dB)
36.88	V	28.6	40.0	-11.4
52.56	V	23.5	40.0	-16.5
142.00	V	24.5	43.5	-19.0
275.92	V	24.4	46.0	-21.6
390.92	V	27.2	46.0	-18.8
557.84	V	30.8	46.0	-15.2

Note: Field Strength includes Antenna Factor and Cable Loss.

RBW = Receiver setting: 120kHz

VBW = 120kHz



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): 2015-11-23
Temperature: 27.0 °C
Humidity: 75.0 %
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:

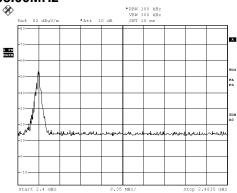
Frequency	FCC Limits
[MHz]	[MHz]
2406.24 - 2442.16	2400 – 2483.5



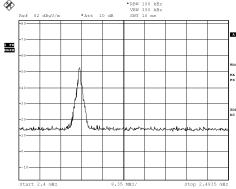
Measurement Data:

Test Result of Frequency Range of Fundamental Emission: PASS

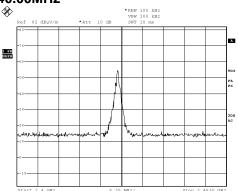
Lowest Frequency - 2408.00MHz



Middle Frequency - 2424.00MHz



Highest Frequency - 2440.00MHz



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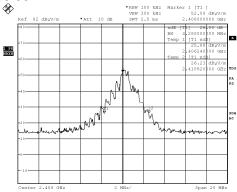
This report is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. Our report is limited to the test samples identified herein. The results set forth in this report are not necessarily indicative or representative of the statistical quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof. You shall have thirty days from receipt of this report to request additional testing of the samples or to notify us of any errors or omissions relating to our report, provided, however, such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



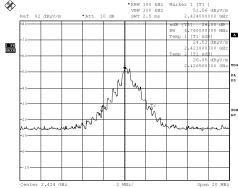
TEST REPORT No: (5215)322-0117 Measurement Data :

Test Result of 26dB Bandwidth of Fundamental Emission: PASS

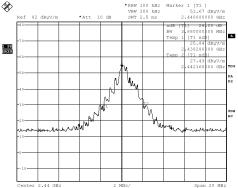
Lowest Frequency - 2408.00MHz



Middle Frequency - 2424.00MHz



Highest Frequency - 2440.00MHz



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Duty Cycle Correction During 100msec:

Each function key sends a different series of characters, but each packet period ($\underline{100}$ msec) never exceeds a series of 15 pulses ($\underline{0.4}$ msec). Assuming any combination of short and long pulses maybe obtained due to encoding the worst case transmit duty cycle would be considered $\underline{15*0.4}$ per $\underline{100}$ msec = $\underline{6}\%$ duty cycle.

Remarks:

Duty Cycle Correction = 20Log(0.06) = -24.4dB

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

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Center 2.424 GHz

Measurement Data:

10 ms/



Photographs of EUT

Front View of the product



Top View of the product



Side View of the product



Battery compartment



Rear View of the product



Bottom View of the product



Side View of the product



Battery Cover



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Photographs of EUT

Internal View of the product



Inner Circuit Top View



Antenna



Internal View of the product



Inner Circuit Bottom View





Measurement of Radiated Emission Test Set Up



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