# FCC Part 15C

# Measurement And Test Report For

# ROCKI Technology, INC.

1209 Orange Street, Wilmington, Delaware 19801, USA

FCC ID: 2ADO3RCK2100

Nov. 26, 2014

This Report Concerns:  ☑ Original Report	Equipment Type: Rocki Play Plus		
Report Number:	MTI141110003RF		
Test Engineer:	Bill Chen		
Reviewed By:	Jason Zheng  Jason Zheng		
Approved & Authorized By:	Hebe Lee Hebe Lee		
Test Date:	Nov.15- Nov.26,2014		
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**Note:** This test report is limited to the above client company and the product model only. It may not be duplicated without prior written consent of Shenzhen Microtest Technology Co.,Ltd.

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TEST RESULT CERTIFICATION		
Applicant's name:	ROCKI Technology, INC.	
Address:	1209 Orange Street, Wilmington, Delaware 19801, USA	
Manufacture's Name:	Shenzhen Tianyu New Idea Co., Ltd.	
Address	Room 1113,Hurun Building,NO.96 Shenlan East Road, Luohu District,Shenzhen,China	
Product description		
Product name:	Rocki Play Plus	
Model and/or type reference :	RCK2100	
Serial Model:	N/A	
Standards:	FCC Part15.247	
Test procedure	ANSI C63.4-2003	

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# 1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.247) , Subpart C				
Standard Section	Test Item	Judgment	Remark	
15.207	Conducted Emission	PASS		
15.247 (a)(2)	6dB Bandwidth	PASS		
15.247 (b)	Peak Output Power	PASS		
15.247 (c)	Radiated Spurious Emission	PASS		
15.247 (d)	Power Spectral Density	PASS		
15.205	Band Edge Emission	PASS		
15.203	Antenna Requirement	PASS		

#### NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

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#### 1.1 TEST FACILITY

Shenzhen Toby Technology Co., Ltd.

Add.: 10/F.,A Block, Jiada R&D Bldg., No.5 Songpingshan, Road, Science&Technology Park,

Shenzhen, 518057

FCC Registration No.:811562

#### 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $\mathbf{y} \pm \mathbf{U}$ , where expended uncertainty  $\mathbf{U}$  is based on a standard uncertainty multiplied by a coverage factor of  $\mathbf{k=2}$ , providing a level of confidence of approximately 95 %  $^{\circ}$ 

No.	Item	Uncertainty
1	Conducted Emission Test	±1.38dB
2	RF power,conducted	±0.16dB
3	Spurious emissions,conducted	±0.21dB
4	All emissions,radiated(<1G)	±4.68dB
5	All emissions,radiated(>1G)	±4.89dB
6	Temperature	±0.5°C
7	Humidity	±2%

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#### 2. GENERAL INFORMATION

#### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	Rocki Play Plus			
Trade Name	N/A			
Model Name	RCK2100			
Serial Model	N/A			
Model Difference	N/A			
Product Description	The EUT is a Rocki Operation Frequency: Modulation Type: Bit Rate of Transmitter  Number Of Channel Antenna Designation: Output Power(Conducted):  Antenna Gain (dBi) EIRP  Based on the application User's Manual, the ITE/Computing Devispecification, please	2412~2462 MHz  CCK/OFDM/DBPSK/DAPSK 802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6 Mbps 802.11n:72.2/52/6.5 Mbps 11 CH, Please see Note 2.  Please see Note 3.  802.11b: 12.24 dBm (Max.) 802.11g: 9.46 dBm (Max.) 802.11n: 9.56 dBm (Max.) 0dbi 802.11b: 12.24 dBm (Max.) 802.11b: 12.6 dBm (Max.) ation, features, or specification exhibited be EUT is considered as an ce. More details of EUT technical refer to the User's Manual.		
Channel List	Please refer to the Note 2.			
Adapter	Input: AC 100-240V, 50/60Hz, 0.15A			
1 - 2	Output: DC 5V, 1000mA			
Battery	Rated Voltage:3.7V			
•	Charge Limit:4.2V			
Connecting I/O Port(s)	Please refer to the User's Manual			

#### Note

:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.

	Channel List for 802.11b/g/n						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	80	2447	11	2462
03	2422	06	2437	09	2452		

3

## Table for Filed Antenna

Iabi	able for Filed Africation					
Ant	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
Α	N/A	N/A	FPCB	N/A	0	N/A

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#### 2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11b CH1/ CH6/ CH11
Mode 2	802.11g CH1/ CH6/ CH11
Mode 3	802.11n CH1/ CH6/ CH11
Mode 4	WIFI Link Mode

For Conducted Emission		
Final Test Mode	Description	
Mode 4	WIFI Link Mode	

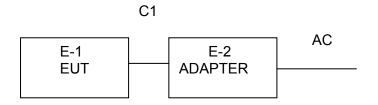
For Radiated Emission		
Final Test Mode	Description	
Mode 1	802.11b CH1/ CH6/ CH11	
Mode 2	802.11g CH1/ CH6/ CH11	
Mode 3	802.11n CH1/ CH6/ CH11	

#### Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported

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# 2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



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#### 2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Rocki Play Plus	N/A	RCK2100	N/A	EUT
E-2	Adapter	N/A	HJ-050100	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	1.5M	

#### Note:

(1)	The support	equipment was	authorized by	/ Declaration of	Confirmation
(   )	THE SUDDON	EUUIDIIEIII WAS	aumonzeu o	v i jedalaličii di	COULINITIATION

(2) For detachable type I/O cable should be specified the length in cm in <code>[Length\_]</code> column.

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# 2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibratio n period
1	Spectrum Analyzer	Agilent	E4407B	MY4510804 0	2014.07.06	2015.07.05	1 year
2	Test Receiver	R&S	ESPI	101318	2014.06.07	2015.06.06	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2014.07.06	2015.07.05	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	620026441 6	2014.06.07	2015.06.06	1 year
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	2014.06.07	2015.06.06	1 year
6	Horn Antenna	EM	EM-AH-101 80	2011071402	2014.07.06	2015.07.05	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2014.07.06	2015.07.05	1 year
8	Amplifier	EM	EM-30180	060538	2014.12.22	2015.12.21	1 year
9	Loop Antenna	ARA	PLA-1030/B	1029	2014.06.08	2015.06.07	1 year
10	Power Meter	R&S	NRVS	100696	2014.07.06	2015.07.05	1 year
11	Power Sensor	R&S	URV5-Z4	0395.1619. 05	2014.07.06	2015.07.05	1 year

Conduction Test equipment

00110	Conduction rest equipment							
Item	Kind of Equipment	Manufactu rer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period	
1	Test Receiver	R&S	ESCI	101160	2014.06.06	2015.06.05	1 year	
2	LISN	R&S	ENV216	101313	2014.08.24	2015.08.23	1 year	
3	LISN	EMCO	3816/2	00042990	2014.08.24	2015.08.23	1 year	
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264417	2014.06.07	2015.06.06	1 year	
5	Passive Voltage Probe	R&S	ESH2-Z3	100196	2014.06.07	2015.06.06	1 year	
6	Absorbing clamp	R&S	MOS-21	100423	2014.06.08	2015.06.07	1 year	

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## 3. EMC EMISSION TEST

#### 3.1 CONDUCTED EMISSION MEASUREMENT

#### 3.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B	Standard	
FREQUENCT (MHZ)	Quasi-peak	Average	Quasi-peak	Average	Stariuaru
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

#### Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

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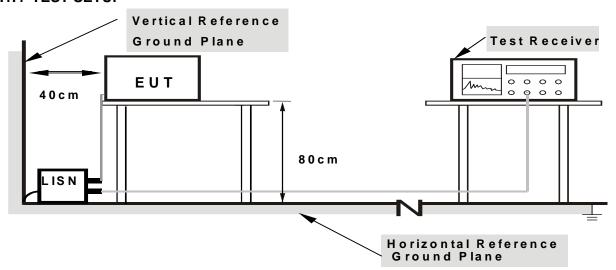
#### 3.1.2 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

#### 3.1.3 DEVIATION FROM TEST STANDARD

No deviation

#### 3.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

#### 3.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

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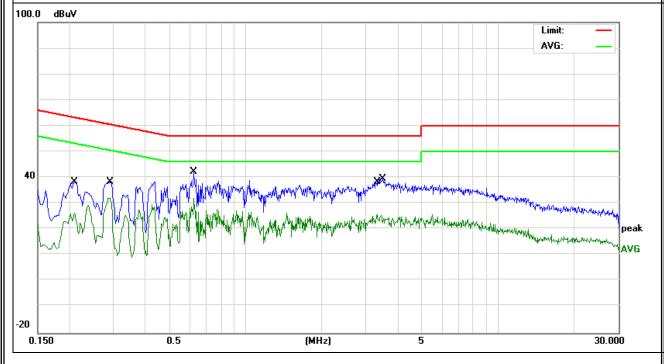
#### 3.1.6 TEST RESULTS

EUT:	Rocki Play Plus	Model Name. :	RCK2100
Temperature :	<b>26</b> ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
LIEST MOITAGE	DC 5.0V from AC 120V/60Hz	Test Mode:	Mode 4

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Detector Type
0.2099	28.01	10.44	38.45	63.21	-24.76	QP
0.2859	21.65	10.43	32.08	50.64	-18.56	AVG
0.626	31.99	10.41	42.4	56	-13.6	QP
0.626	21.76	10.41	32.17	46	-13.83	AVG
3.322	15.15	10.53	25.68	46	-20.32	AVG
3.5019	28.89	10.6	39.49	56	-16.51	QP

#### Remark:

- All readings are Quasi-Peak and Average values.
   Factor = Insertion Loss + Cable Loss.

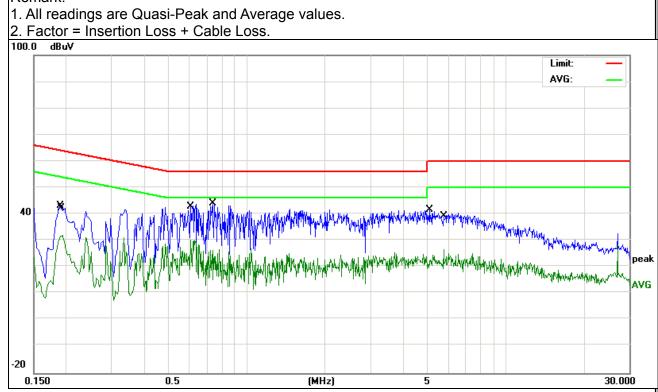


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EUT:	Rocki Play Plus	Model Name. :	RCK2100
Temperature :	<b>26</b> ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
LIEST VOITAGE :	DC 5.0V from AC 120V/60Hz	Test Mode :	Mode 4

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Detector Type
0.19	32.86	10.4	43.26	64.03	-20.77	QP
0.194	21.54	10.41	31.95	53.86	-21.91	AVG
0.6058	19.92	10.4	30.32	46	-15.68	AVG
0.7378	33.61	10.41	44.02	56	-11.98	QP
5.0579	30.91	10.67	41.58	60	-18.42	QP
5.7458	15.89	10.67	26.56	50	-23.44	AVG

#### Remark:



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#### 3.2 RADIATED EMISSION MEASUREMENT

#### 3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies	Field Strength Measurement Dista	
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

#### LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Spectrum Parameter	Setting	
Attenuation	Auto	
Start Frequency	1000 MHz	
Stop Frequency	10th carrier harmonic	
RB / VB (emission in restricted	1 MHz / 1 MHz for Dook, 1 MHz / 10Hz for Average	
band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average	

Receiver Parameter	Setting	
Attenuation	Auto	
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP	
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP	
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP	

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#### 3.2.2 TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.

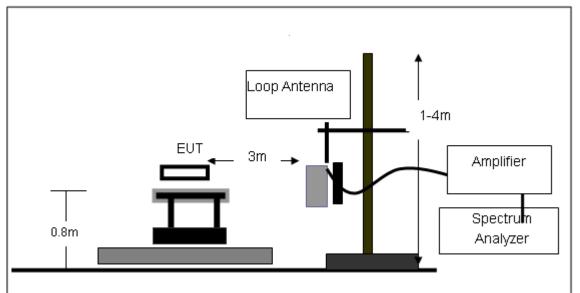
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

antenna eriai vary setween i m te i m. Setti nenzentar ana vertical polanizatione er tile
antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the
EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.
Note:
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported
3.2.3 DEVIATION FROM TEST STANDARD  No deviation
No deviation

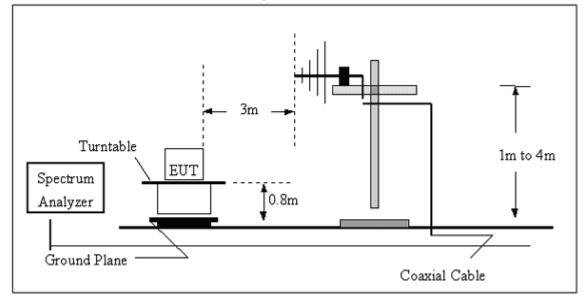
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#### 3.2.4 TEST SETUP

(A) Radiated Emission Test-Up Frequency Below 30MHz

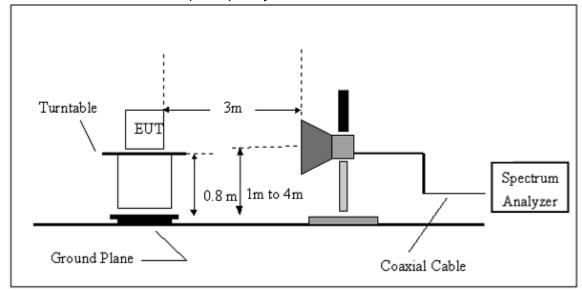


(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



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# (C) Radiated Emission Test-Up Frequency Above 1GHz



#### 3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

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#### 3.2.6 TEST RESULTS (BETWEEN 9KHZ - 30 MHZ)

EUT:	Rocki Play Plus	Model Name. :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode:	TX	Polarization :	

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
				PASS
				PASS

#### NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

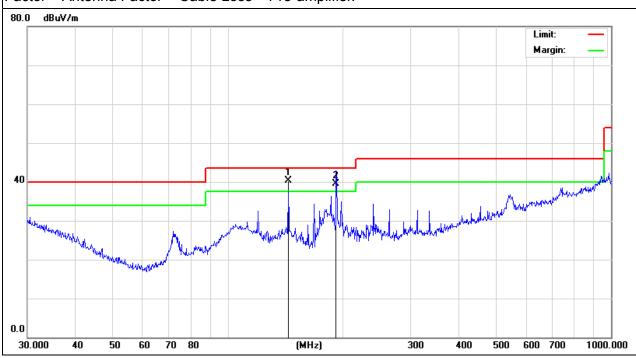
Distance extrapolation factor =40 log (specific distance/test distance)(dB); Limit line = specific limits(dBuv) + distance extrapolation factor. MTI141110003RF Page 22 of 72

# 3.2.7 TEST RESULTS (BETWEEN 30MHZ - 1GHZ)

EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	TX	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotootor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
143.8293	28.33	11.93	40.26	43.5	-3.24	QP
191.745	30.84	8.72	39.56	43.5	-3.94	QP

#### Remark:

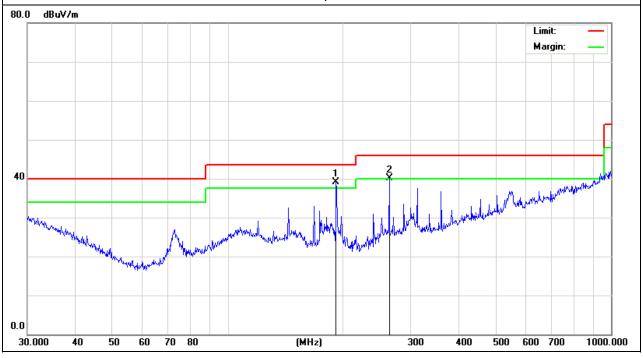


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	TX	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
191.745	30.43	8.72	39.15	43.5	-4.35	QP
263.819	26.04	13.99	40.03	46	-5.97	QP

#### Remark:



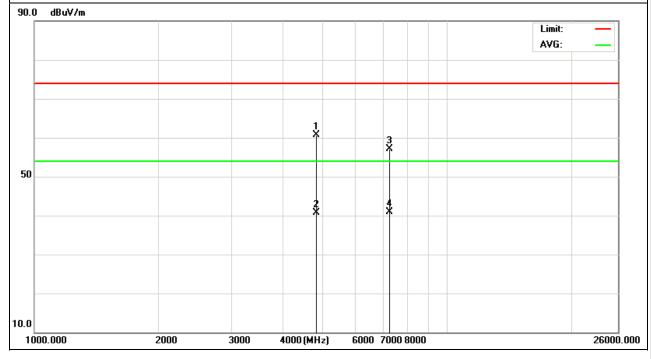
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# 3.2.8 TEST RESULTS (ABOVE 1000 MHZ)

EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1 (802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824	58.18	2.6	60.78	74	-13.22	peak
4824	38.03	2.6	40.63	54	-13.37	AVG
7236	52.58	4.59	57.17	74	-16.83	peak
7236	36.33	4.59	40.92	54	-13.08	AVG

#### Remark:

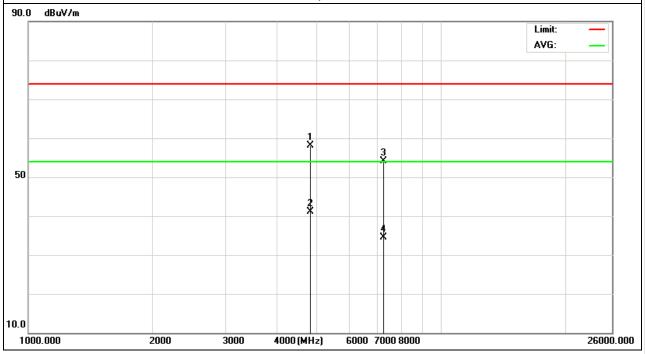


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1 (802.11b Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824	55.59	2.6	58.19	74	-15.81	peak
4824	38.48	2.6	41.08	54	-12.92	AVG
7236	49.44	4.59	54.03	74	-19.97	peak
7236	29.88	4.59	34.47	54	-19.53	AVG

#### Remark:

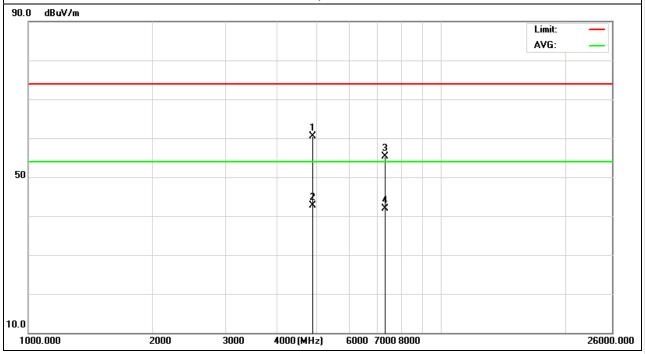


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH6 (802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874	57.95	2.6	60.55	74	-13.45	peak
4874	40.08	2.6	42.68	54	-11.32	AVG
7311	50.45	4.93	55.38	74	-18.62	peak
7311	36.88	4.93	41.81	54	-12.19	AVG

# Remark:

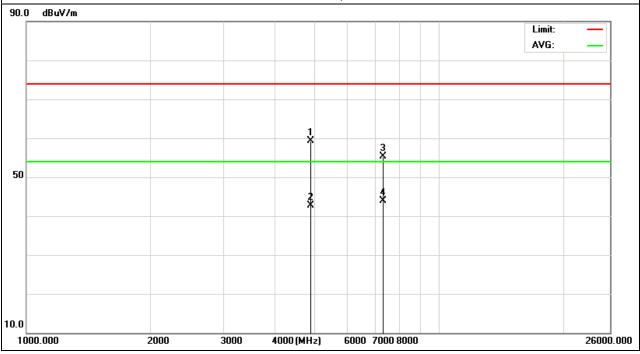


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH6 (802.11b Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874	56.64	2.6	59.24	74	-14.76	peak
4874	40.19	2.6	42.79	54	-11.21	AVG
7311	50.44	4.93	55.37	74	-18.63	peak
7311	39	4.93	43.93	54	-10.07	AVG

# Remark:



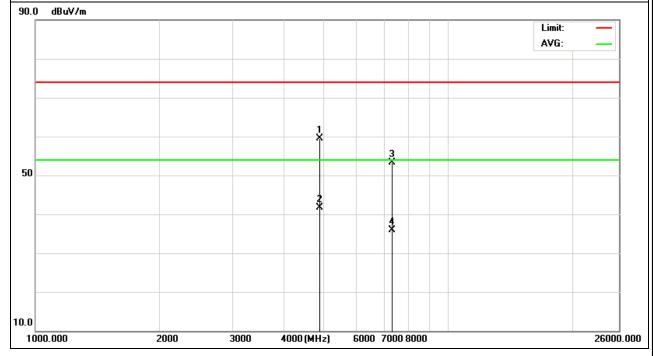
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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11 (802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924	56.85	2.6	59.45	74	-14.55	peak
4924	39.06	2.6	41.66	54	-12.34	AVG
7386	48.45	4.93	53.38	74	-20.62	peak
7386	30.88	4.93	35.81	54	-18.19	AVG

#### Remark:

- 1. Factor = Antenna Factor + Cable Loss Pre-amplifier.
- 2. No emission detected above 18GHz

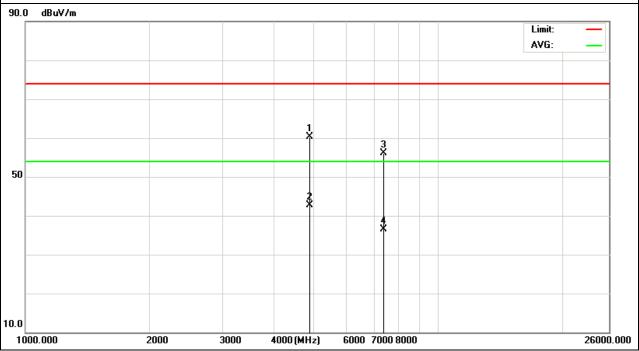


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11 (802.11b Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924	57.79	2.6	60.39	74	-13.61	peak
4924	40.02	2.6	42.62	54	-11.38	AVG
7386	51.22	4.83	56.05	74	-17.95	peak
7386	31.76	4.83	36.59	54	-17.41	AVG

#### Remark:

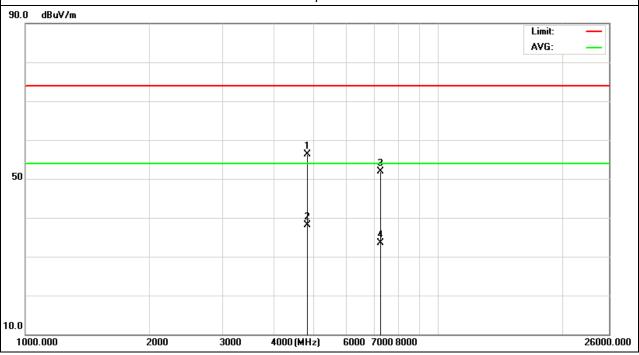


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1 (802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824	53.61	2.6	56.21	74	-17.79	peak
4824	35.6	2.6	38.2	54	-15.8	AVG
7236	47.36	4.59	51.95	74	-22.05	peak
7236	28.99	4.59	33.58	54	-20.42	AVG

#### Remark:

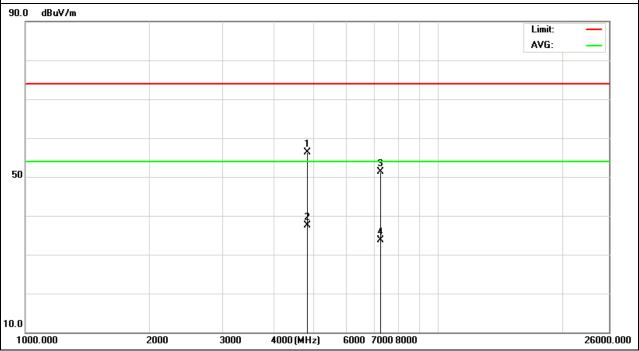


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1 (802.11g Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824	53.7	2.6	56.3	74	-17.7	peak
4824	34.92	2.6	37.52	54	-16.48	AVG
7236	46.79	4.59	51.38	74	-22.62	peak
7236	29.02	4.59	33.61	54	-20.39	AVG

#### Remark:

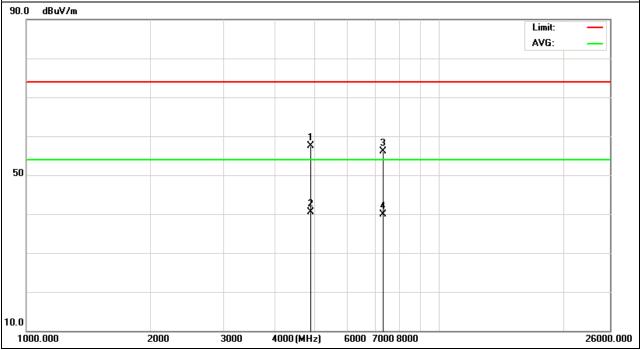


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH6 (802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874	54.97	2.57	57.54	74	-16.46	peak
4874	37.99	2.57	40.56	54	-13.44	AVG
7311	51.1	4.93	56.03	74	-17.97	peak
7311	34.88	4.93	39.81	54	-14.19	AVG

# Remark:

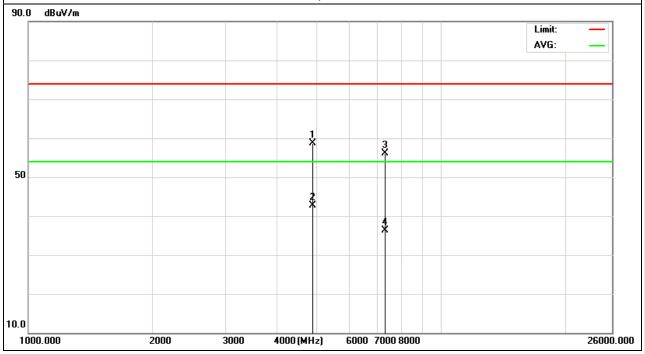


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH6 (802.11g Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874	56.01	2.6	58.61	74	-15.39	peak
4874	40.02	2.6	42.62	54	-11.38	AVG
7311	51.22	4.93	56.15	74	-17.85	peak
7311	31.32	4.93	36.25	54	-17.75	AVG

# Remark:

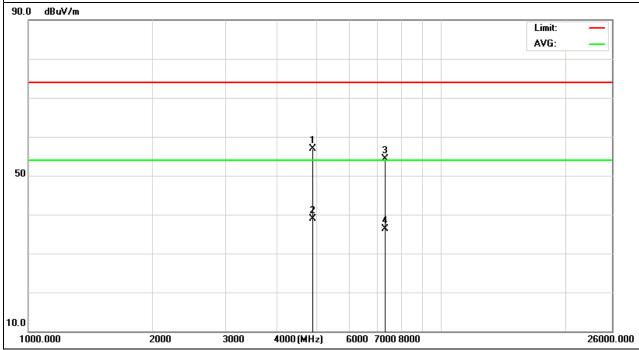


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11 (802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924	54.23	2.6	56.83	74	-17.17	peak
4924	36.22	2.6	38.82	54	-15.18	AVG
7386	49.33	4.93	54.26	74	-19.74	peak
7386	31.43	4.93	36.36	54	-17.64	AVG

# Remark:

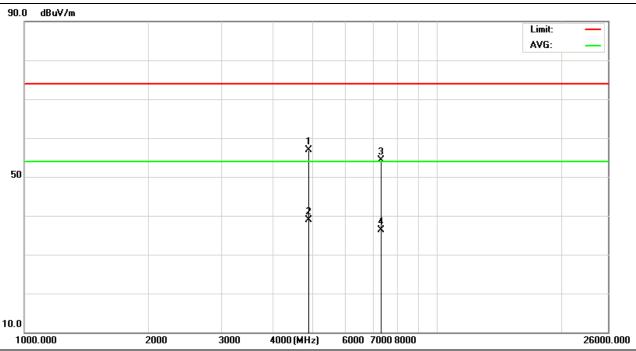


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11(802.11g Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924	54.29	2.6	56.89	74	-17.11	peak
4924	36.56	2.6	39.16	54	-14.84	AVG
7386	49.89	4.93	54.82	74	-19.18	peak
7386	31.88	4.93	36.81	54	-17.19	AVG

#### Remark:

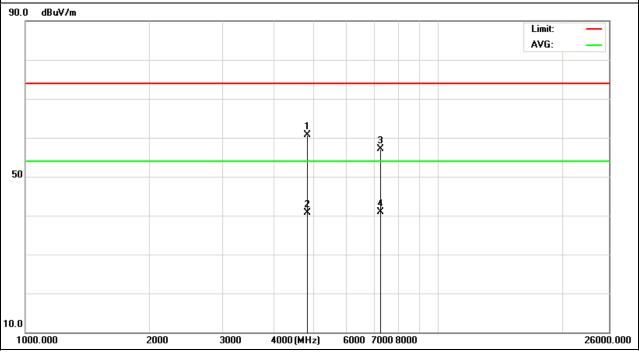


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1 (802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Datastar Tuna
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824	58.18	2.6	60.78	74	-13.22	peak
4824	38.03	2.6	40.63	54	-13.37	AVG
7236	52.58	4.59	57.17	74	-16.83	peak
7236	36.33	4.59	40.92	54	-13.08	AVG

## Remark:

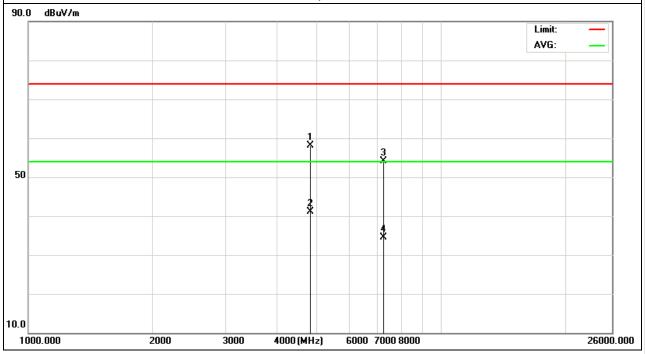


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1 (802.11n Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4824	55.59	2.6	58.19	74	-15.81	peak
4824	38.48	2.6	41.08	54	-12.92	AVG
7236	49.44	4.59	54.03	74	-19.97	peak
7236	29.88	4.59	34.47	54	-19.53	AVG

### Remark:

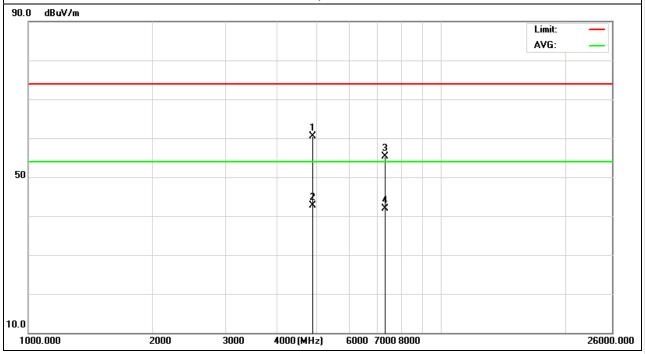


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH6 (802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
4874	57.95	2.6	60.55	74	-13.45	peak
4874	40.08	2.6	42.68	54	-11.32	AVG
7311	50.45	4.93	55.38	74	-18.62	peak
7311	36.88	4.93	41.81	54	-12.19	AVG

# Remark:

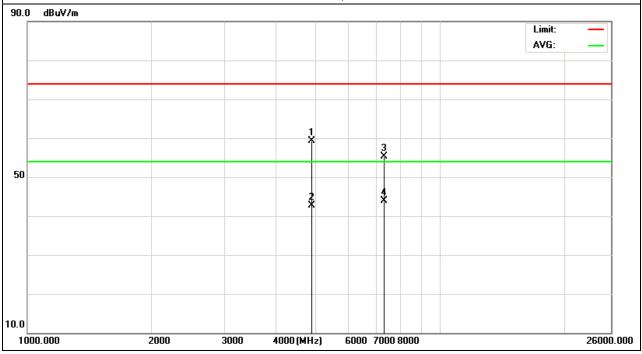


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH6 (802.11n Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4874	56.64	2.6	59.24	74	-14.76	peak
4874	40.19	2.6	42.79	54	-11.21	AVG
7311	50.44	4.93	55.37	74	-18.63	peak
7311	39	4.93	43.93	54	-10.07	AVG

# Remark:

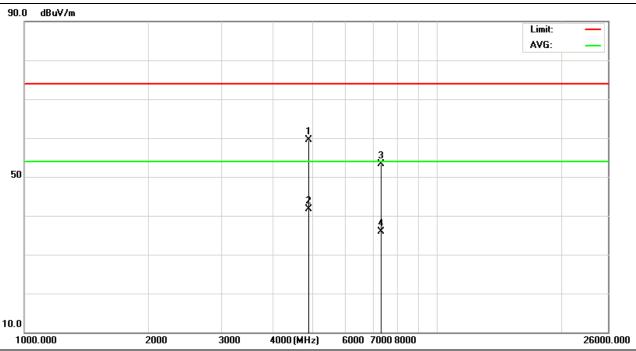


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11 (802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924	56.85	2.6	59.45	74	-14.55	peak
4924	39.06	2.6	41.66	54	-12.34	AVG
7386	48.45	4.93	53.38	74	-20.62	peak
7386	30.88	4.93	35.81	54	-18.19	AVG

### Remark:

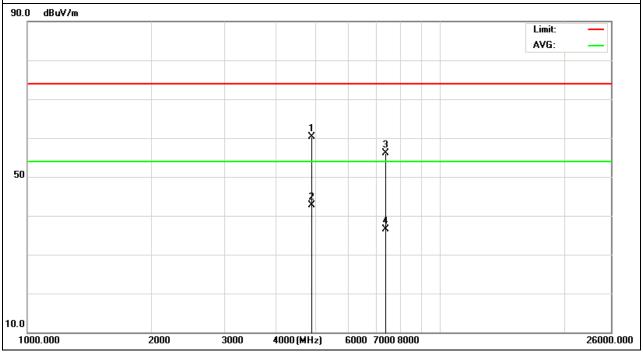


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11 (802.11n Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
4924	57.79	2.6	60.39	74	-13.61	peak
4924	40.02	2.6	42.62	54	-11.38	AVG
7386	51.22	4.83	56.05	74	-17.95	peak
7386	31.76	4.83	36.59	54	-17.41	AVG

### Remark:



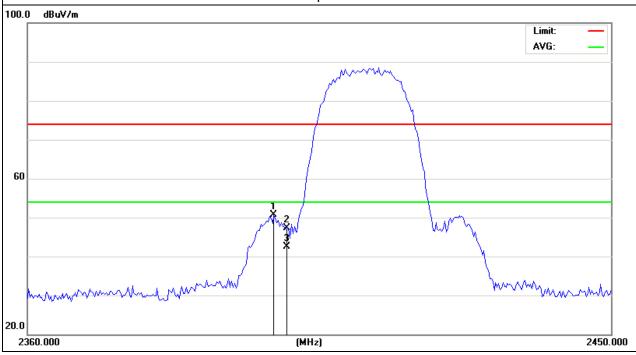
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# **Band Edge Emission:**

EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1(802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotoctor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2397.8	63.66	-13	50.66	74	-23.34	peak
2400	60.2	-12.99	47.21	74	-26.79	peak
2400	55.48	-12.99	42.49	54	-11.51	AVG

### Remark:

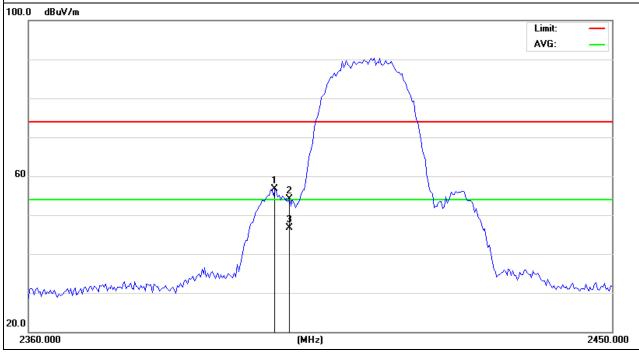


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1(802.11b Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2397.8	69.77	-13	56.77	74	-17.23	peak
2400	67.01	-12.99	54.02	74	-19.98	peak
2400	59.65	-12.99	46.66	54	-7.34	AVG

# Remark:

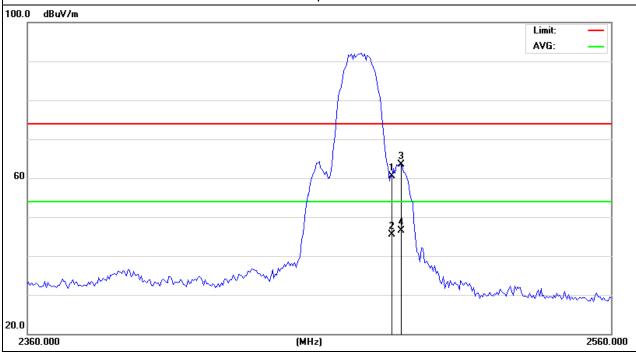


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11(802.11b Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	73.25	-12.78	60.47	74	-13.53	peak
2483.5	58.33	-12.78	45.55	54	-8.45	AVG
2486.5	76.26	-12.77	63.49	74	-10.51	peak
2486.5	59.25	-12.77	46.48	54	-7.52	AVG

# Remark:

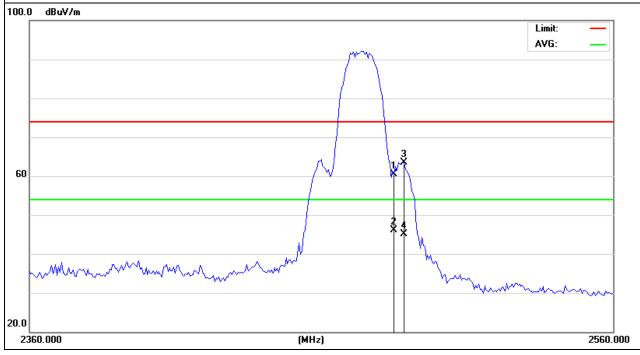


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11(802.11b Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Turns
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	73.25	-12.78	60.47	74	-13.53	peak
2483.5	58.84	-12.78	46.06	54	-7.94	AVG
2487	76.31	-12.77	63.54	74	-10.46	peak
2487	57.94	-12.77	45.17	54	-8.83	AVG

# Remark:

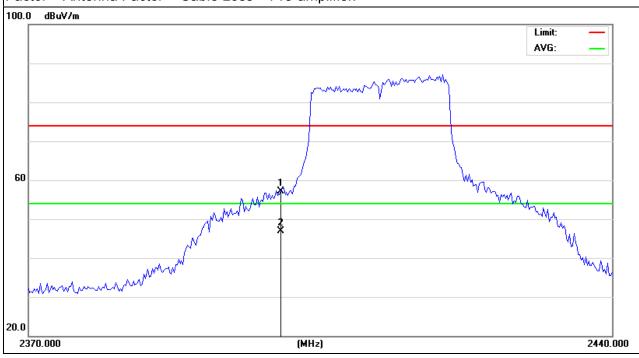


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1(802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	70.17	-12.99	57.18	74	-16.82	peak
2400	59.84	-12.99	46.85	54	-7.15	AVG

# Remark:

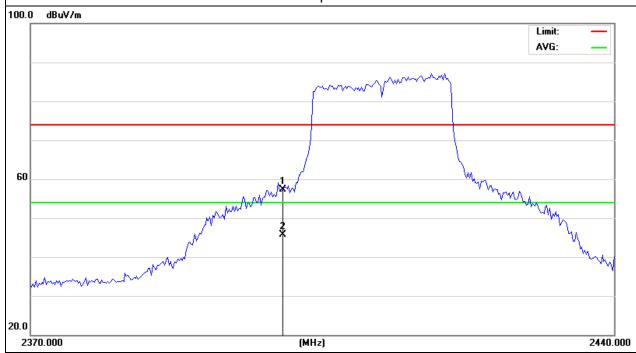


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1(802.11gMode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	70.28	-12.99	57.29	74	-16.71	peak
2400	58.75	-12.99	45.76	54	-8.24	AVG

# Remark:

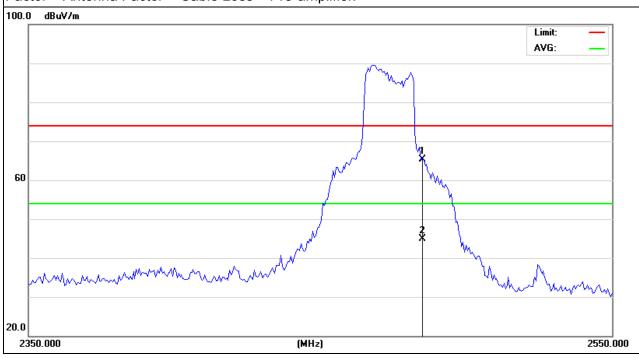


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11(802.11g Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	78.02	-12.78	65.24	74	-8.76	peak
2483.5	57.6	-12.78	44.82	54	-9.18	AVG

# Remark:

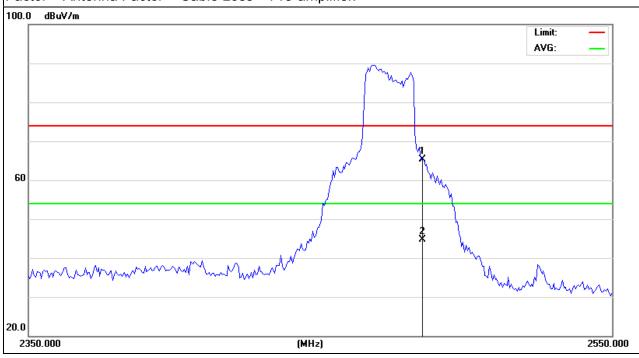


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11(802.11g Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	78.02	-12.78	65.24	74	-8.76	peak
2483.5	57.52	-12.78	44.74	54	-9.26	AVG

# Remark:

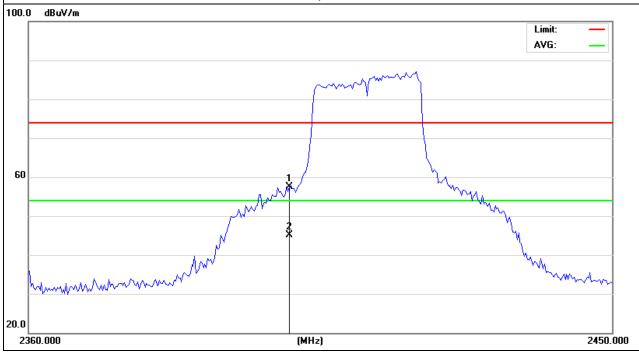


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1(802.11n Mode)	Polarization :	Horizontal

Frequen	cy Meter Reading	Factor	Emission Level	Limits	Margin	Dotootor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	70.43	-12.99	57.44	74	-16.56	peak
2400	58.18	-12.99	45.19	54	-8.81	AVG

# Remark:

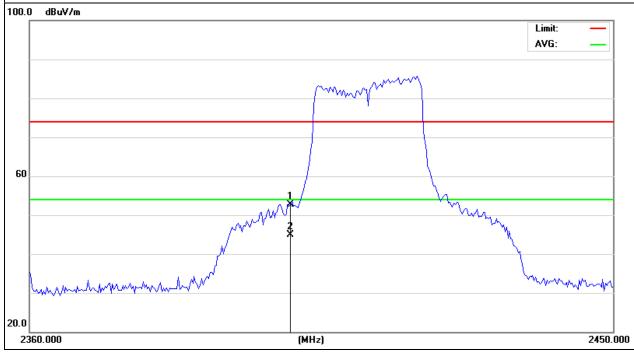


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>20</b> ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH1(802.11n Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2400	65.62	-12.99	52.63	74	-21.37	peak
2400	57.81	-12.99	44.82	54	-9.18	AVG

### Remark:



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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11(802.11n Mode)	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	77.74	-12.78	64.96	74	-9.04	peak
2483.5	57.55	-12.78	44.77	54	-9.23	AVG

# Remark:

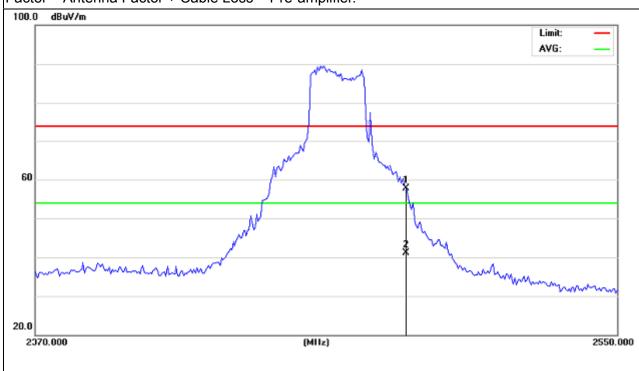


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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>20</b> ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC 120V
Test Mode :	CH11(802.11n Mode)	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2483.5	70.58	-12.78	57.8	74	-16.2	peak
2483.5	53.92	-12.78	41.14	54	-12.86	AVG

# Remark:



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#### 4. POWER SPECTRAL DENSITY TEST

#### 4.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C					
Section	Test Item	Limit	Frequency Range (MHz)	Result	
15.247	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS	

#### **4.1.1 TEST PROCEDURE**

- 1. Set analyzer center frequency to DTS channel center frequency.
- 2. Set the span to 1.5 times the DTS channel bandwidth.
- 3. Set the RBW ≥ 3 kHz.
- 4. Set the VBW ≥ 3 x RBW.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum amplitude level.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

#### 4.1.2 DEVIATION FROM STANDARD

No deviation.

#### 4.1.3 TEST SETUP



#### 4.1.4 EUT OPERATION CONDITIONS

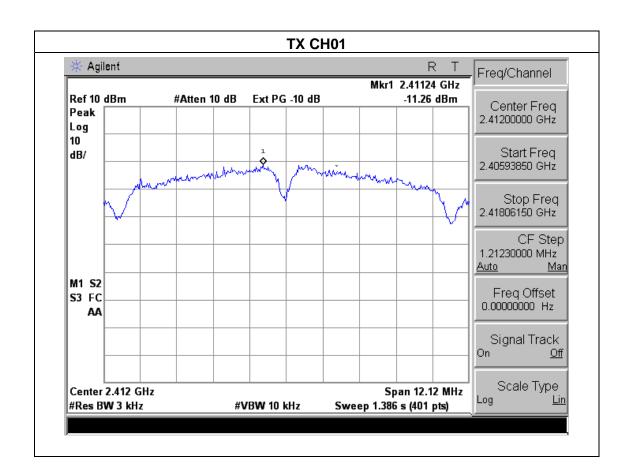
The EUT tested system was configured as the statements of 2.1 Unless otherwise a special operating condition is specified in the follows during the testing.

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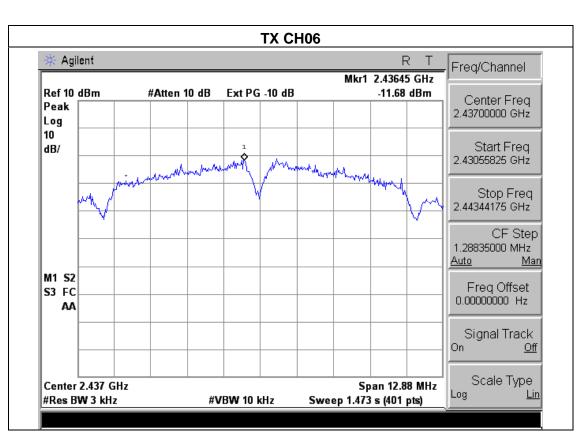
### 4.1.5 TEST RESULTS

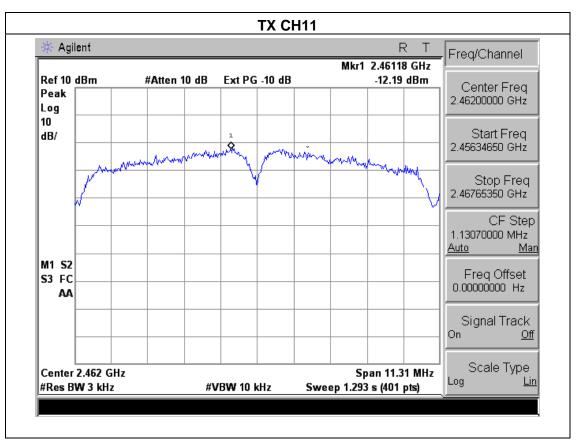
EUT:	Android Rocki Play Plus	Model Name :	RCK2100		
Temperature :	<b>25</b> ℃	Relative Humidity:	60%		
Pressure :	1015 hPa	Test Voltage :	DC 5.0V from adapter		
Test Mode :	TX b Mode /CH01, CH06, CH11				

Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-11.26	8	PASS
2437 MHz	-11.68	8	PASS
2462 MHz	-12.19	8	PASS



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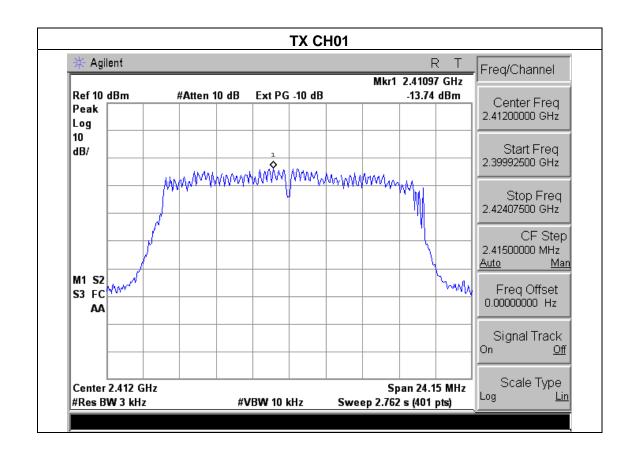




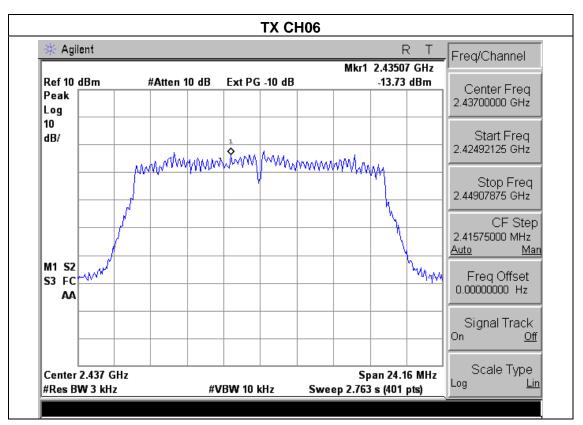
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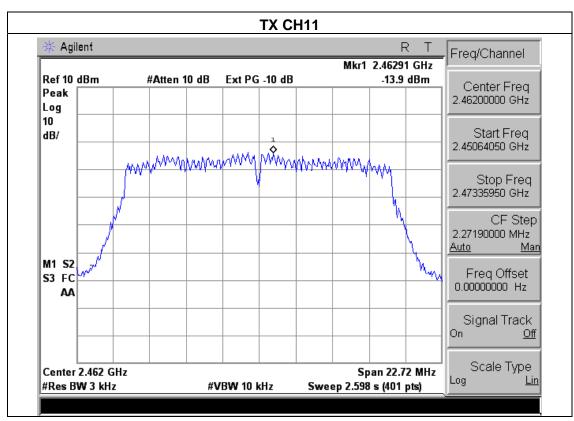
EUT:	Android Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>25</b> ℃	Relative Humidity:	60%
Pressure :	1015 hPa	Test Voltage :	DC 5.0V from adapter
Test Mode :	TX g Mode /CH01, CH06, CH11		

Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-13.74	8	PASS
2437 MHz	-13.73	8	PASS
2462 MHz	-13.90	8	PASS



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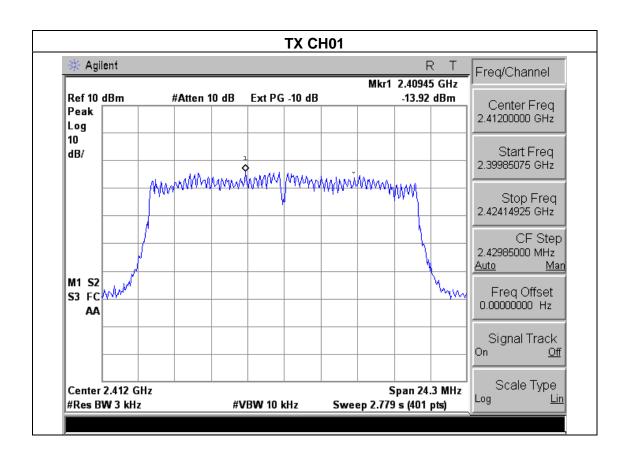




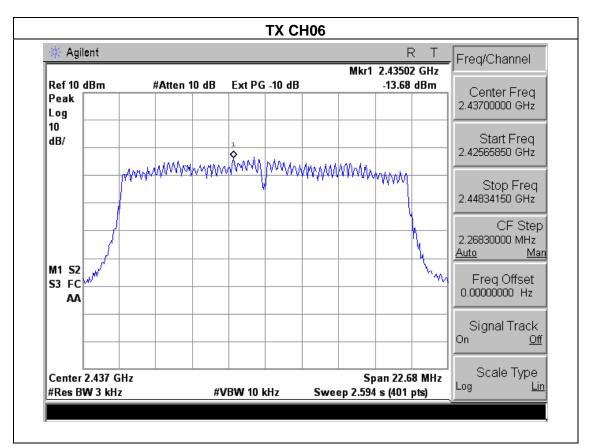
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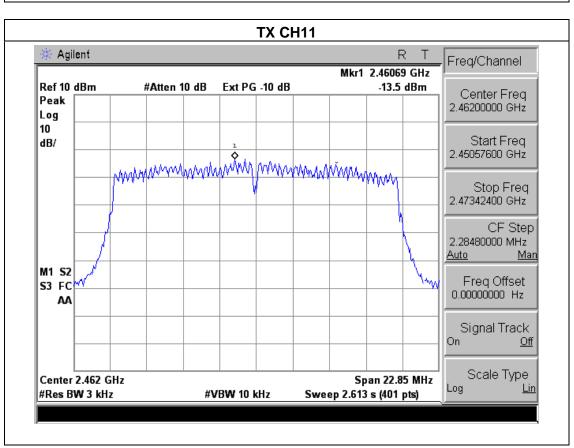
	_	_	
EUT:	Android Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>25</b> ℃	Relative Humidity:	60%
Pressure :	1015 hPa	Test Voltage :	DC 5.0V from adapter
Test Mode :	TX n Mode /CH01, CH06, CH11		

Frequency	Power Density (dBm)	Limit (dBm)	Result
2412 MHz	-13.92	8	PASS
2437 MHz	-13.68	8	PASS
2462 MHz	-13.50	8	PASS



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#### **5. BANDWIDTH TEST**

#### 5.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section Test Item Limit Frequency Range (MHz) Result				Result
15.247(a)(2)	Bandwidth	>= 500KHz (6dB bandwidth)	2400-2483.5	PASS

#### **5.1.1 TEST PROCEDURE**

a.

- 1. Set RBW= 100 kHz.
- 2. Set the video bandwidth (VBW)  $\geq$  3 x RBW.
- 3. Detector = Peak.
- 4. Trace mode = max hold.
- 5. Sweep = auto couple.
- 6. Allow the trace to stabilize.
- 7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

#### **5.1.2 DEVIATION FROM STANDARD**

No deviation.

#### 5.1.3 TEST SETUP

EUT	SPECTRUM
	ANALYZER

#### **5.1.4 EUT OPERATION CONDITIONS**

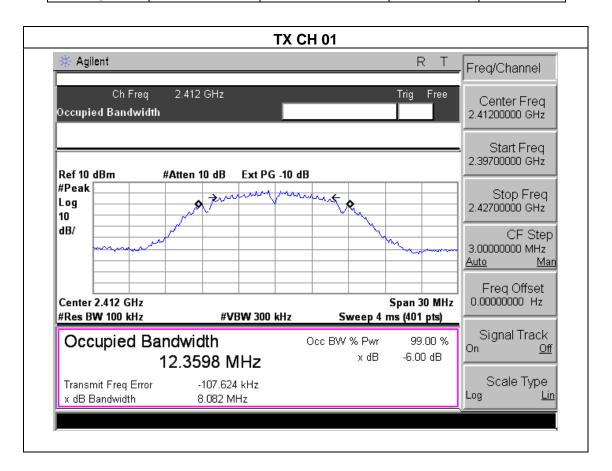
The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

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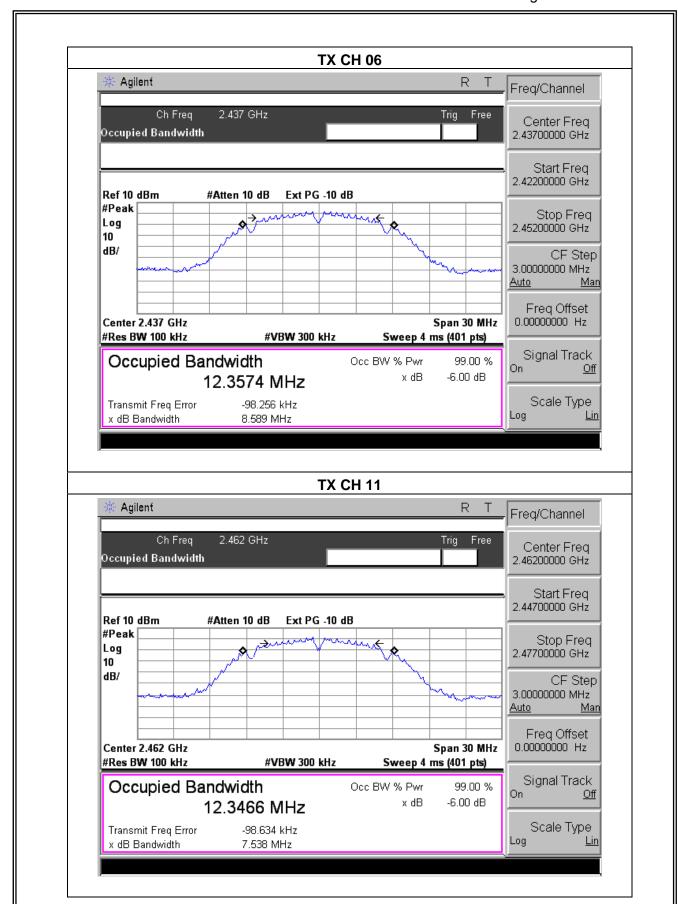
#### **5.1.5 TEST RESULTS**

EUT:	Rocki Play Plus	Model Name :	RCK2100	
Temperature :	<b>25</b> ℃	Relative Humidity:	60%	
Pressure:	1012 hPa	Test Voltage :	DC 5.0V from adapter	
Test Mode :	TX b Mode /CH01, CH06, CH11			

Channel	Frequency (MHz)	6dB bandwidth (MHz)	Limit (kHz)	Result
Low	2412	8.08	500	Pass
Middle	2437	8.59	500	Pass
High	2462	7.54	500	Pass



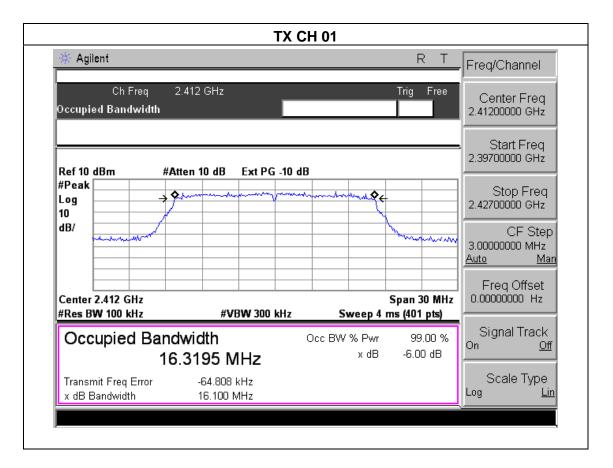
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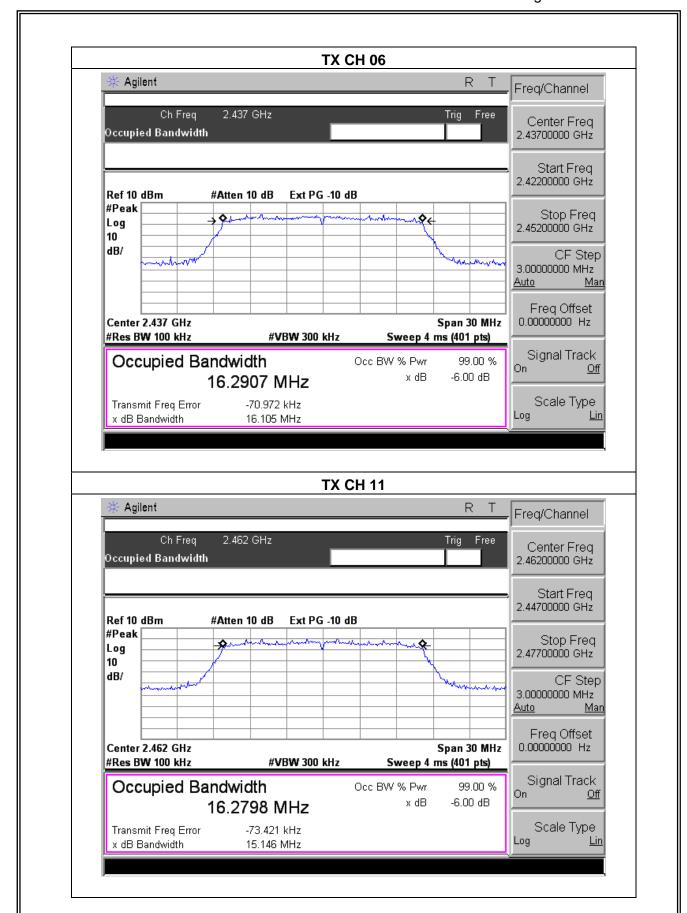
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EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>25</b> ℃	Relative Humidity:	60%
Pressure:	1012 hPa	Test Voltage :	DC 5.0V from adapter
Test Mode :	TX g Mode /CH01, CH06, CH11		

Channel	Frequency (MHz)	6dB bandwidth (MHz)	Limit (kHz)	Result
Low	2412	16.10	500	Pass
Middle	2437	16.11	500	Pass
High	2462	15.15	500	Pass



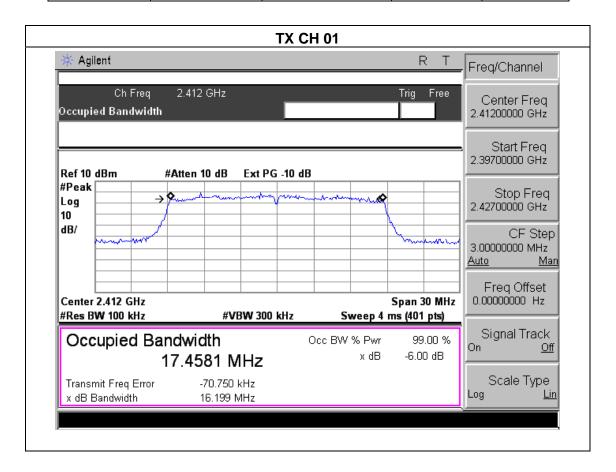
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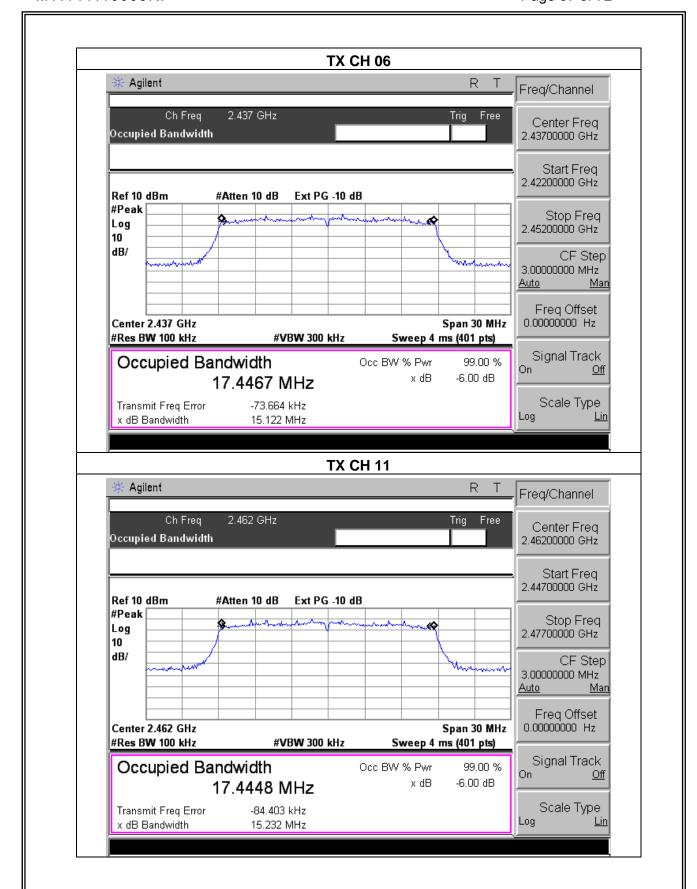
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		_	
EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature :	<b>25</b> ℃	Relative Humidity:	60%
Pressure:	1012 hPa	Test Voltage :	DC 5.0V from adapter
Test Mode :	TX n Mode /CH01, CH06, CH11		

Channel	Frequency (MHz)	6dB bandwidth (MHz)	Limit (kHz)	Result
Low	2412	16.20	500	Pass
Middle	2437	15.12	500	Pass
High	2462	15.23	500	Pass



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### **6. PEAK OUTPUT POWER TEST**

#### **6.1 APPLIED PROCEDURES / LIMIT**

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Peak Output Power	1 watt or 30dBm	2400-2483.5	PASS

### **6.1.1 TEST PROCEDURE**

a. The EUT was directly connected to the Power meter

#### **6.1.2 DEVIATION FROM STANDARD**

No deviation.

#### 6.1.3 TEST SETUP



### **6.1.4 EUT OPERATION CONDITIONS**

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

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# 6.1.5 TEST RESULTS

EUT:	Rocki Play Plus	Model Name :	RCK2100
Temperature:	<b>25</b> ℃	Relative Humidity:	60%
Pressure :	1012 hPa	Test Voltage :	AC 120V
Test Mode :	TX b/g/n Mode /CH01, CH06, CH11		

TX 802.11b Mode				
		Maximum	Maximum	
Test	Frequency	Conducted Output	Conducted Output	LIMIT
Channe	. ,	Power(PK)	Power(AV)	
	(MHz)	(dBm)	(dBm)	dBm
CH01	2412	12.24	8.51	30
CH06	2437	11.78	8.35	30
CH11	2462	11.54	8.29	30
TX 802.11g Mode				
CH01	2412	9.46	7.13	30
CH06	2437	9.33	7.83	30
CH11	2462	9.08	7.89	30
TX 802.11n Mode				
CH01	2412	9.56	7.20	30
CH06	2437	9.43	7.09	30
CH11	2462	9.22	7.86	30

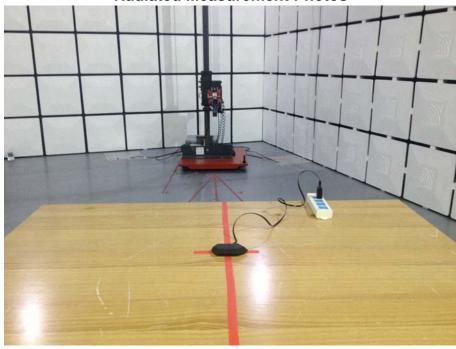
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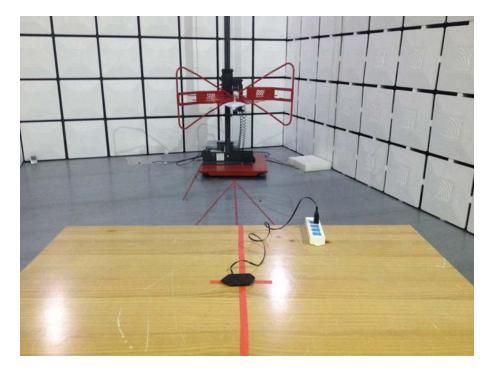
7. ANTENNA REQUIREMENT
7. ANTENNA REQUIREMENT
7.1 STANDARD REQUIREMENT
15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
7.2 EUT ANTENNA
The EUT antenna is FPCB antenna. It comply with the standard requirement.

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# 8. EUT TEST PHOTO







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### **Conducted Measurement Photos**

