

APPLICATION CERTIFICATION FCC Part 15C  
On Behalf of  
E-matic

7 inch tablet  
Model No.:EGP114

FCC ID: XHWEGP114

Prepared for : E-matic  
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Report Number : ATE20130556  
Date of Test : April 3- April 17, 2013  
Date of Report : April 17, 2013

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## Test Report Certification

Applicant : E-matic  
Manufacturer : Acuce Co., Ltd  
EUT Description : 7 inch tablet  
(A) MODEL NO.: EGP114  
(B) Trade Name.: Ematic  
(C) POWER SUPPLY: AC 120V/60Hz (Adapter input) DC 3.7V (Powered by battery)

Measurement Procedure Used:


**FCC Rules and Regulations Part 15 Subpart C Section 15.247**  
**ANSI C63.4: 2009**  
**KDB 558074 D01 DTS Meas Guidance v03r01**

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section 15.247 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test : April 3- April 17, 2013

Prepared by :   
(Engineer)

Approved & Authorized Signer :   
(Manager)

# 1. GENERAL INFORMATION

## 1.1. Description of Device (EUT)

EUT	:	7 inch tablet
Model Number	:	EGP114
Frequency Range	:	802.11b/g/n(20MHz): 2412-2462MHz 802.11n(40MHz): 2422-2452MHz
Number of Channels	:	802.11b/g/n (20MHz):11 802.11n (40MHz): 7
Antenna Gain	:	0dBi
Power Supply	:	AC 120V/60Hz (Adapter input) DC 3.7V (Powered by battery)
Adapter	:	Model: FLD00710-5.0V1.50A-Z Input: 100-240VAC ~ 50/60Hz 0.3A Output: 5.0V 1.5A
Modulation	:	CCK, BPSK, QPSK, 16QAM, 64QAM
Data Rate	:	802.11b: 11, 5.5, 2, 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11n: up to 150Mbps
Duty Cycle	:	100%
Applicant	:	E-matic
Address	:	3435 Ocean Park Blvd #107 PMB # 444, Santa Monica CA 90405, Los Angeles, California, United States
Manufacturer	:	Acuce Co., Ltd
Address	:	5F, No. 2 Building, Minxing Industrial Park, Minkang Road, Minzhi Street, Baoan District, Shenzhen, Guangdong, China
Date of sample received	:	April 3, 2012
Date of Test	:	April 3-April 17, 2013

## 1.2. Carrier Frequency of Channels

802.11b, 802.11g, 802.11n (20MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437	---	---

802.11n (40MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
---	---	07	2442
---	---	08	2447
03	2422	09	2452
04	2427	---	---
05	2432	---	---
06	2437	---	---

## 1.3. Special Accessory and Auxiliary Equipment

N/A

## 1.4. Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen

Listed by FCC  
The Registration Number is 752051

Listed by Industry Canada  
The Registration Number is 5077A-2

Accredited by China National Accreditation Committee  
for Laboratories  
The Certificate Registration Number is L3193

Name of Firm : ACCURATE TECHNOLOGY CO. LTD  
Site Location : F1, Bldg. A, Changyuan New Material Port, Keyuan Rd.  
Science & Industry Park, Nanshan, Shenzhen, Guangdong  
P.R. China

## 1.5. Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2

Radiated emission expanded uncertainty = 3.08dB, k=2  
(9kHz-30MHz)

Radiated emission expanded uncertainty = 4.42dB, k=2  
(30MHz-1000MHz)

Radiated emission expanded uncertainty = 4.06dB, k=2  
(Above 1GHz)

## 2. MEASURING DEVICE AND TEST EQUIPMENT

**Table 1: List of Test and Measurement Equipment**

Kind of equipment	Manufacturer	Type	S/N	Calibrated dates	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 12, 2013	Jan. 11, 2014
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 12, 2013	Jan. 11, 2014
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 12, 2013	Jan. 11, 2014
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 12, 2013	Jan. 11, 2014
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Feb. 06, 2013	Feb. 05, 2014
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Feb. 06, 2013	Feb. 05, 2014
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Feb. 06, 2013	Feb. 05, 2014
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1067	Feb. 06, 2013	Feb. 05, 2014
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 12, 2013	Jan. 11, 2014
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 12, 2013	Jan. 11, 2014



### **3. OPERATION OF EUT DURING TESTING**

#### **3.1.Operating Mode**

The mode is used: **802.11b Transmitting mode**

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

**802.11g Transmitting mode**

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

**802.11n (20MHz) Transmitting mode**

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

**802.11n (40MHz) Transmitting mode**

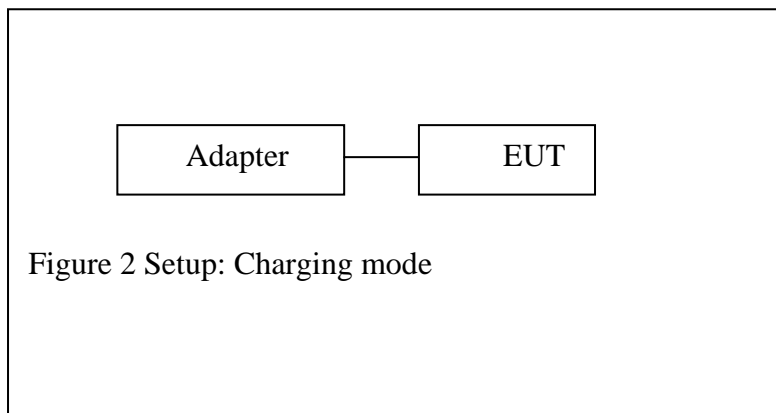
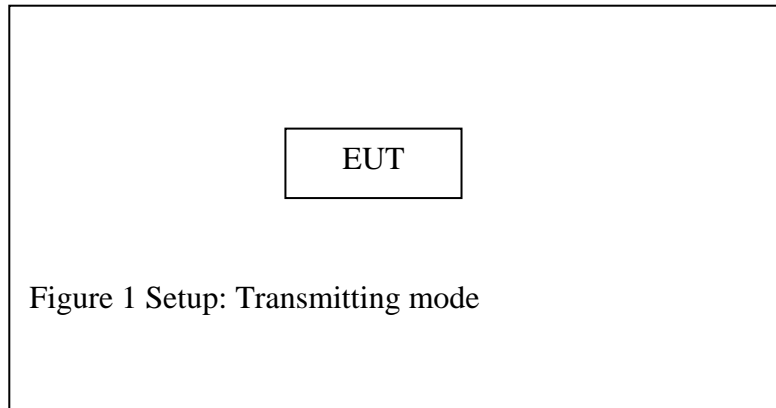
Low Channel: 2422MHz

Middle Channel: 2437MHz

High Channel: 2452MHz

**Charging**

### 3.2.Configuration and peripherals

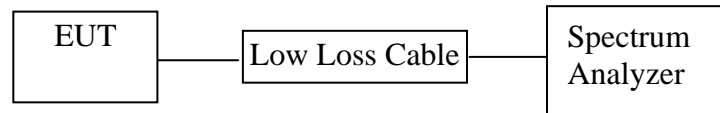


#### 4. TEST PROCEDURES AND RESULTS

<b>FCC Rules</b>	<b>Description of Test</b>	<b>Result</b>
Section 15.247(a)(2)	6dB Bandwidth Test	Compliant
Section 15.247(e)	Power Spectral Density Test	Compliant
Section 15.247(b)(3)	Maximum Peak Output Power Test	Compliant
Section 15.247(d)	Band Edge Compliance Test	Compliant
Section 15.247(d) Section 15.209	Radiated Spurious Emission Test	Compliant
Section 15.247(d)	Conducted Spurious Emission Test	Compliant
Section 15.207	AC Power Line Conducted Emission Test	Compliant
Section 15.203	Antenna Requirement	Compliant

## 5. 6DB BANDWIDTH MEASUREMENT

### 5.1. Block Diagram of Test Setup



(EUT: 7 inch tablet)

### 5.2. The Requirement For Section 15.247(a)(2)

Section 15.247(a)(2): Systems using digital modulation techniques may operate in the 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

### 5.3. EUT Configuration on Measurement

The following equipment is installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

#### 5.3.1. 7 inch tablet (EUT)

Model Number : EGP114  
 Serial Number : N/A  
 Manufacturer : Acuce Co., Ltd

### 5.4. Operating Condition of EUT

5.4.1. Setup the EUT and simulator as shown as Section 5.1.

5.4.2. Turn on the power of all equipment.

5.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

## 5.5. Test Procedure

5.5.1. The transmitter output was connected to the spectrum analyzer through a low loss cable.

5.5.2. Set RBW of spectrum analyzer to 100 kHz and VBW to 300 kHz.

5.5.3. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

## 5.6. Test Result

**PASS.**

Date of Test:	<u>April 14, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>TX</u>	Test Engineer:	<u>Ricky</u>

The test was performed with 802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	10.16	> 0.5MHz
Middle	2437	10.16	> 0.5MHz
High	2462	10.16	> 0.5MHz

The test was performed with 802.11g

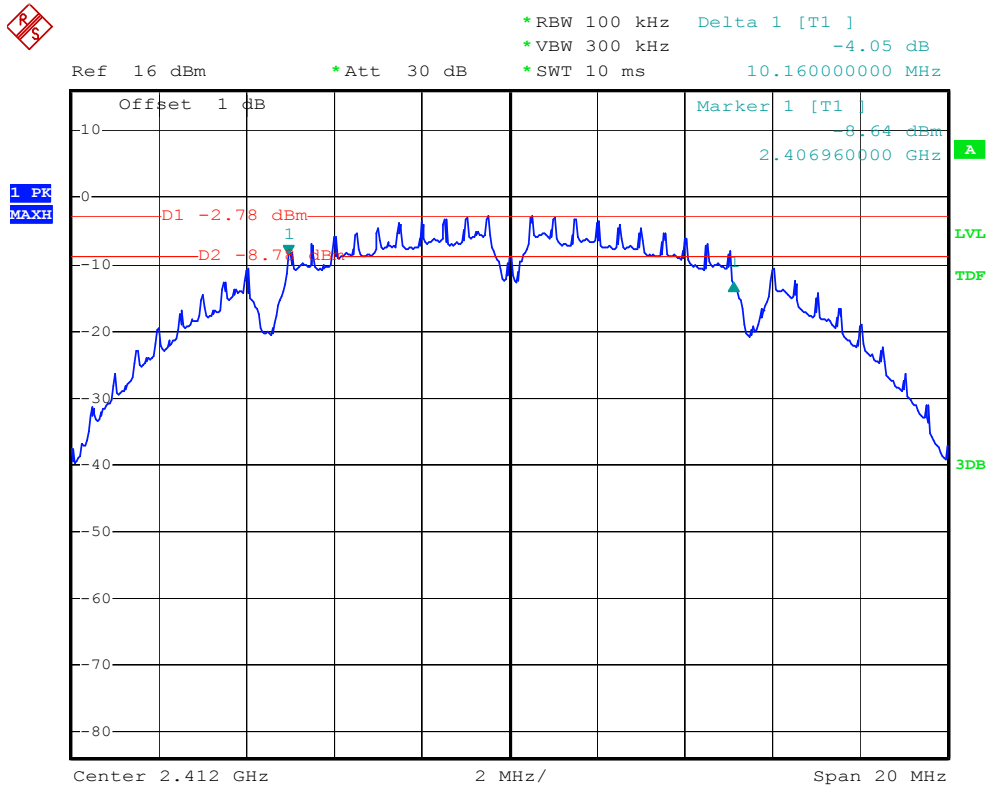
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	16.44	> 0.5MHz
Middle	2437	16.44	> 0.5MHz
High	2462	16.48	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 20 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	17.68	> 0.5MHz
Middle	2437	17.68	> 0.5MHz
High	2462	17.72	> 0.5MHz

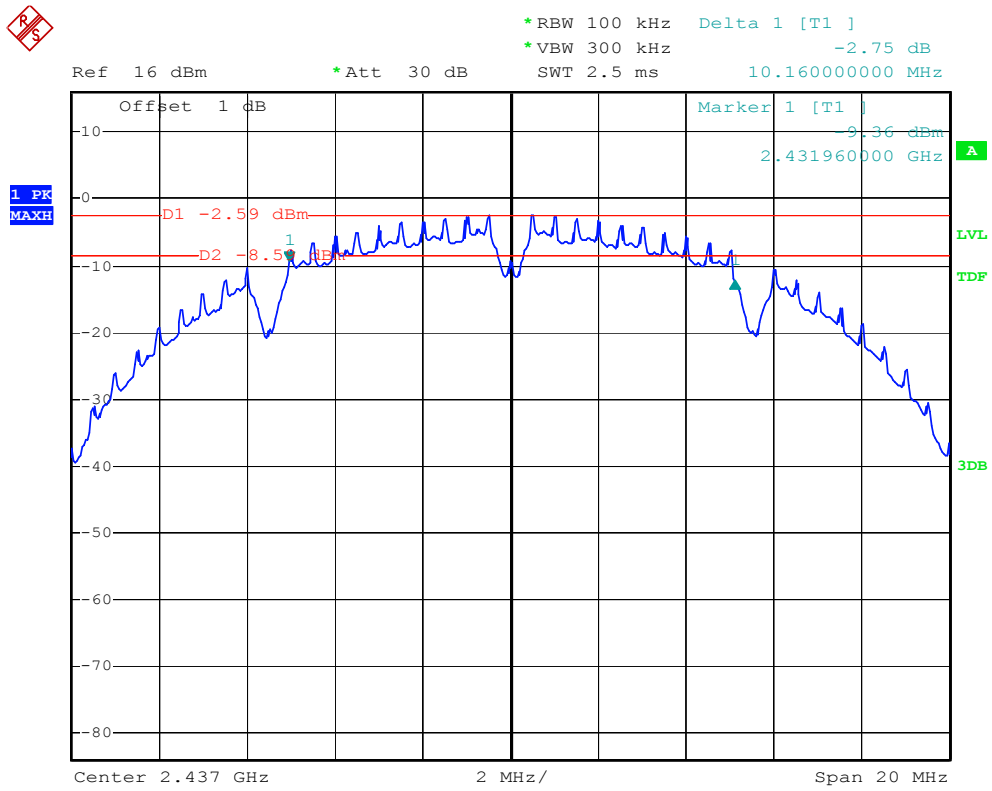
The test was performed with 802.11n (Bandwidth: 40 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2422	35.28	> 0.5MHz
Middle	2437	35.36	> 0.5MHz
High	2452	35.28	> 0.5MHz

The spectrum analyzer plots are attached as below.

### 802.11b Channel Low 2412MHz

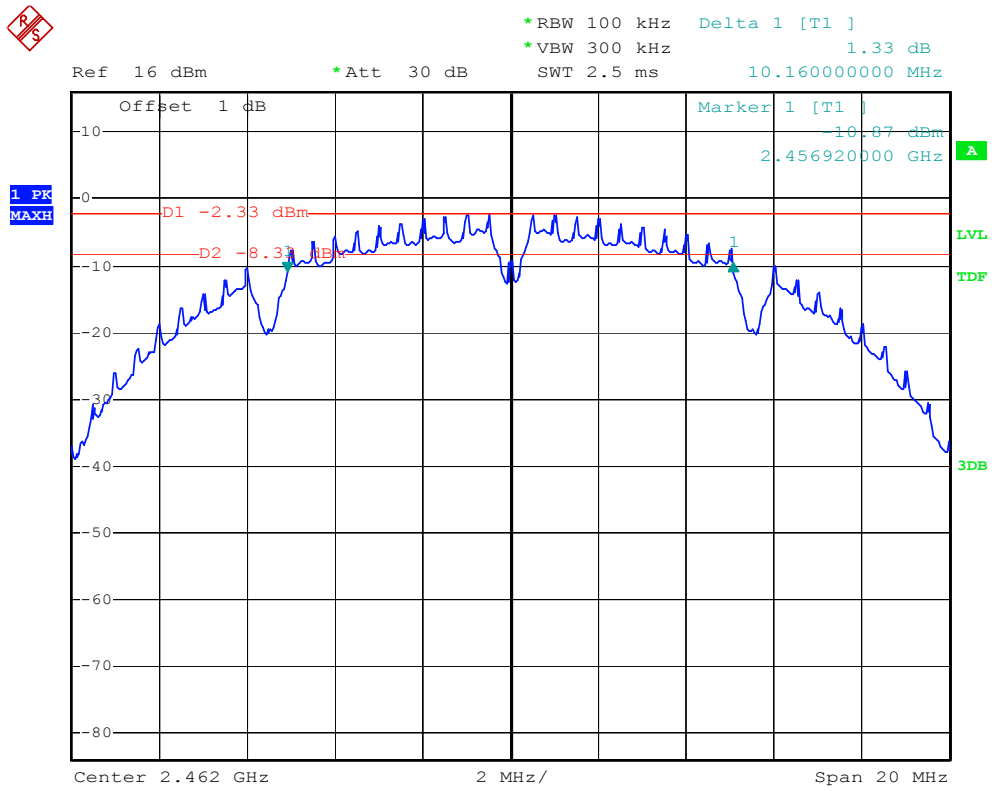


### 802.11b Channel Middle 2437MHz

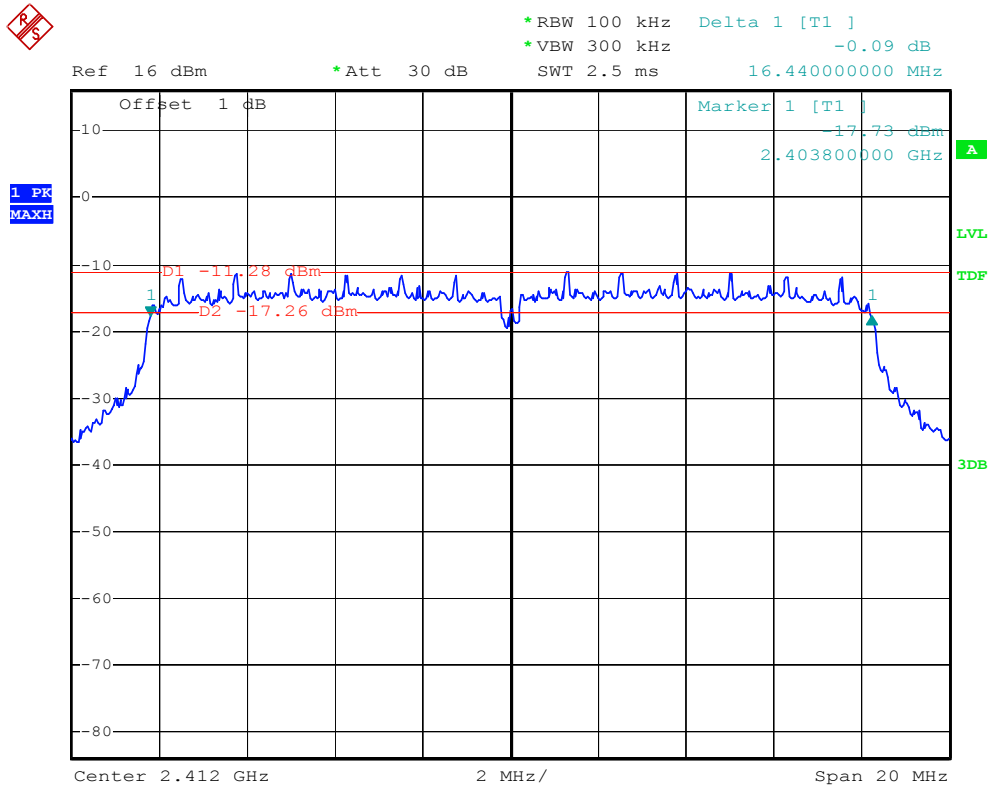




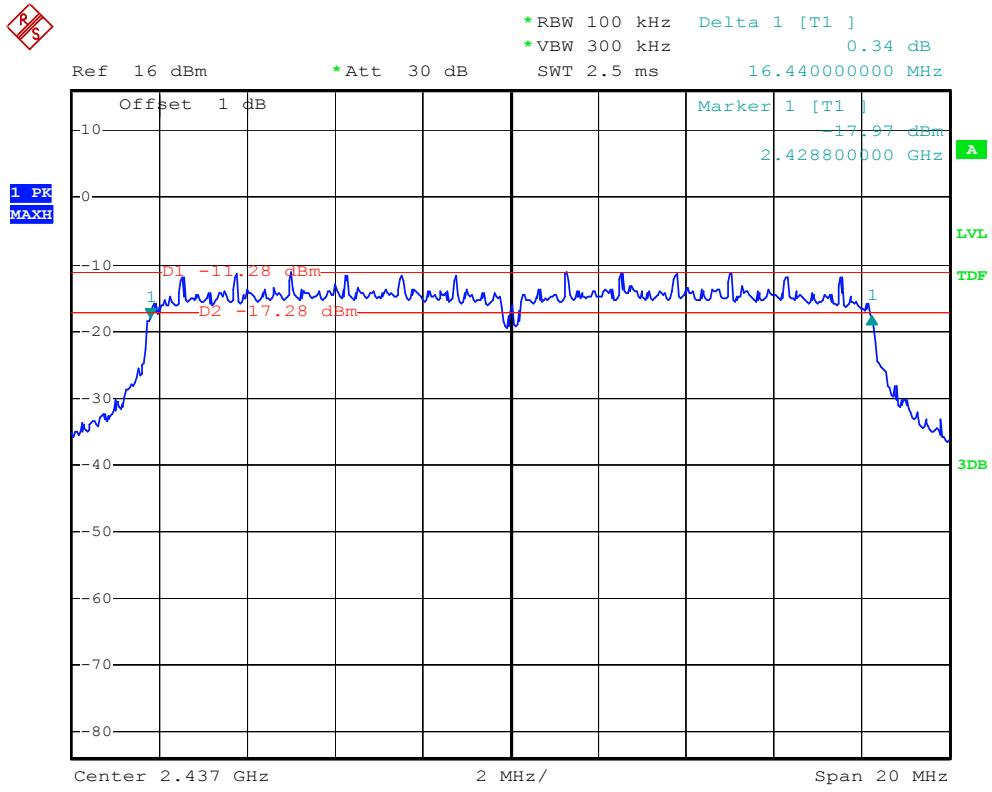
### 802.11b Channel High 2462MHz



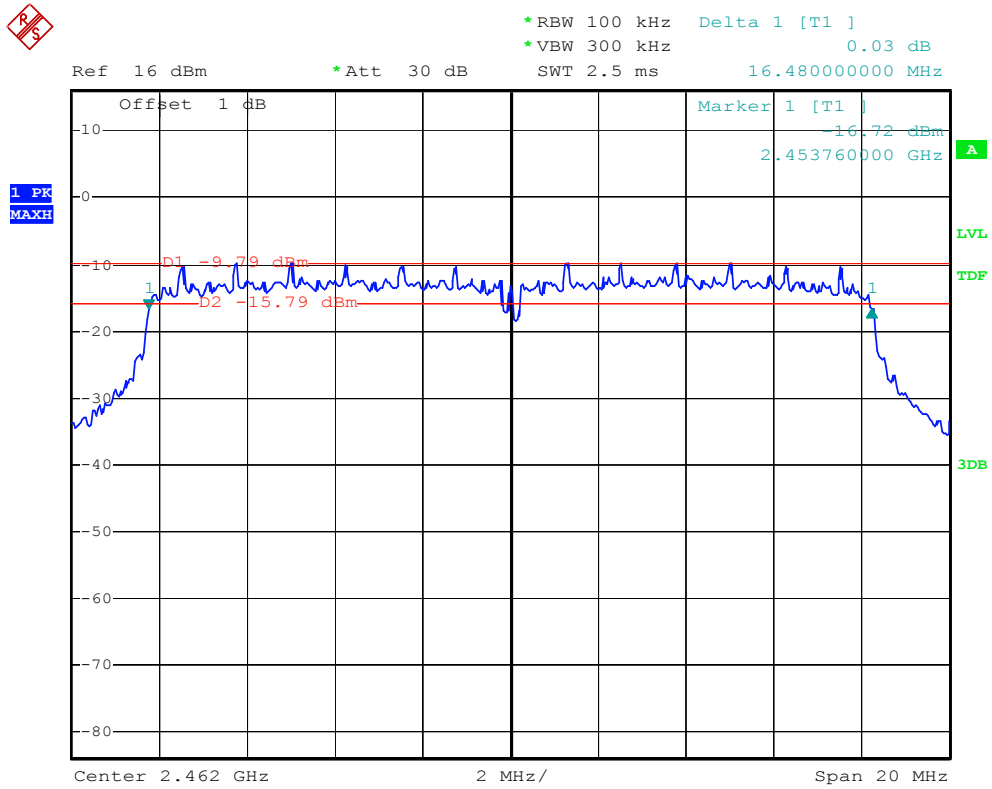
### 802.11g Channel Low 2412MHz



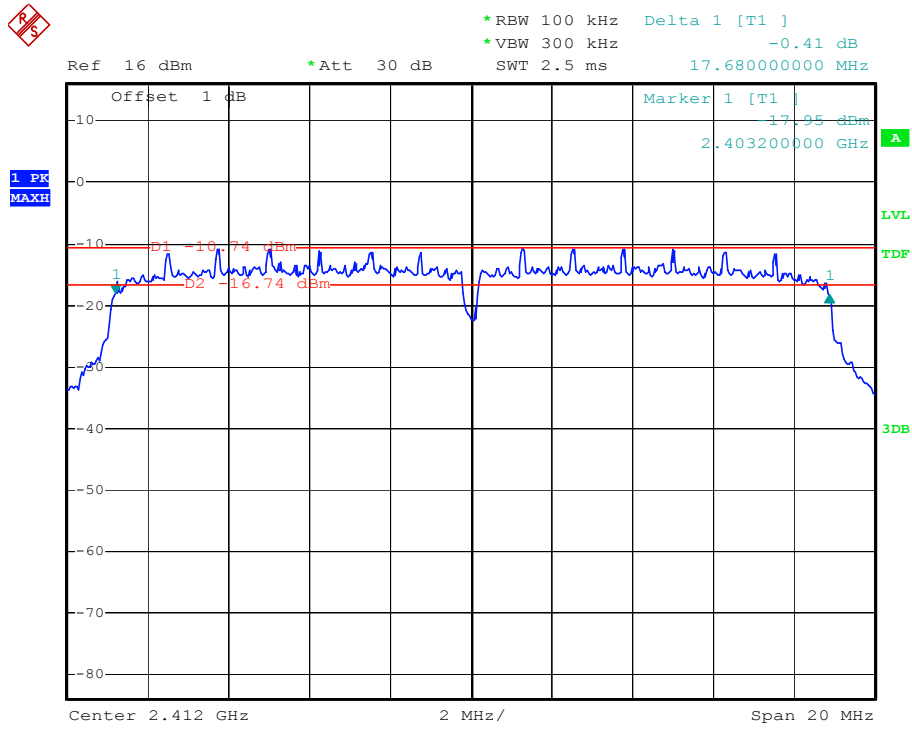
### 802.11g Channel Middle 2437MHz



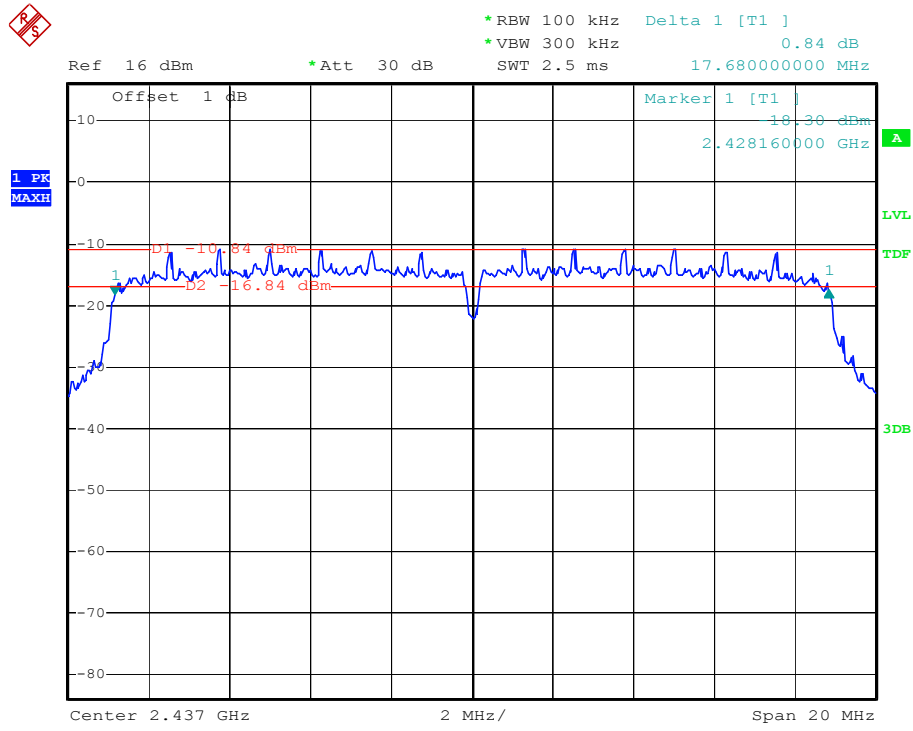
### 802.11g Channel High 2462MHz



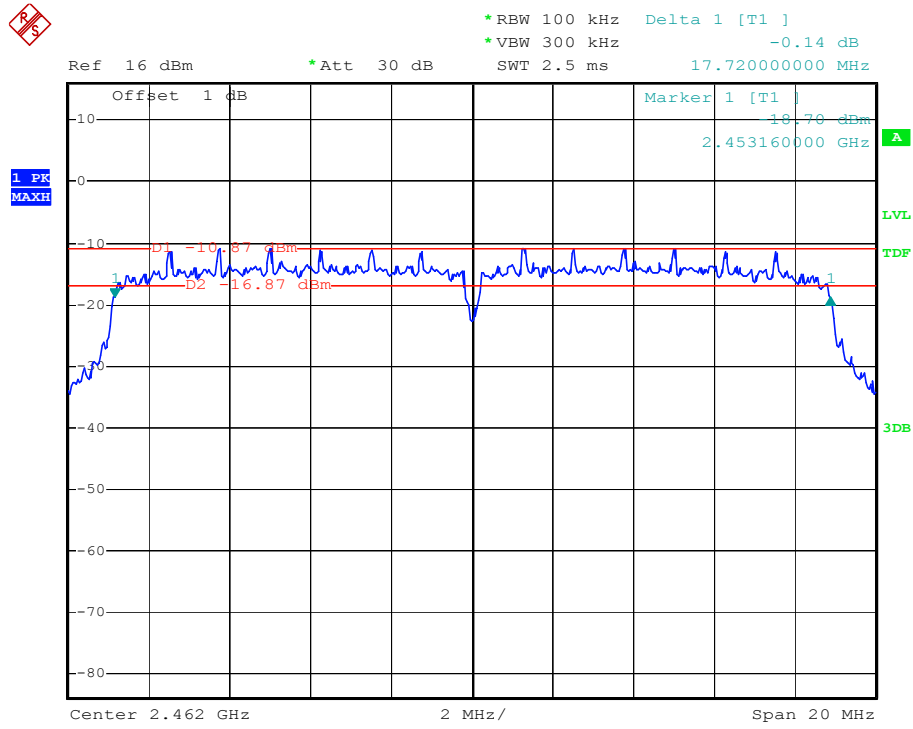
### 802.11n Channel Low 2412MHz (20MHz)



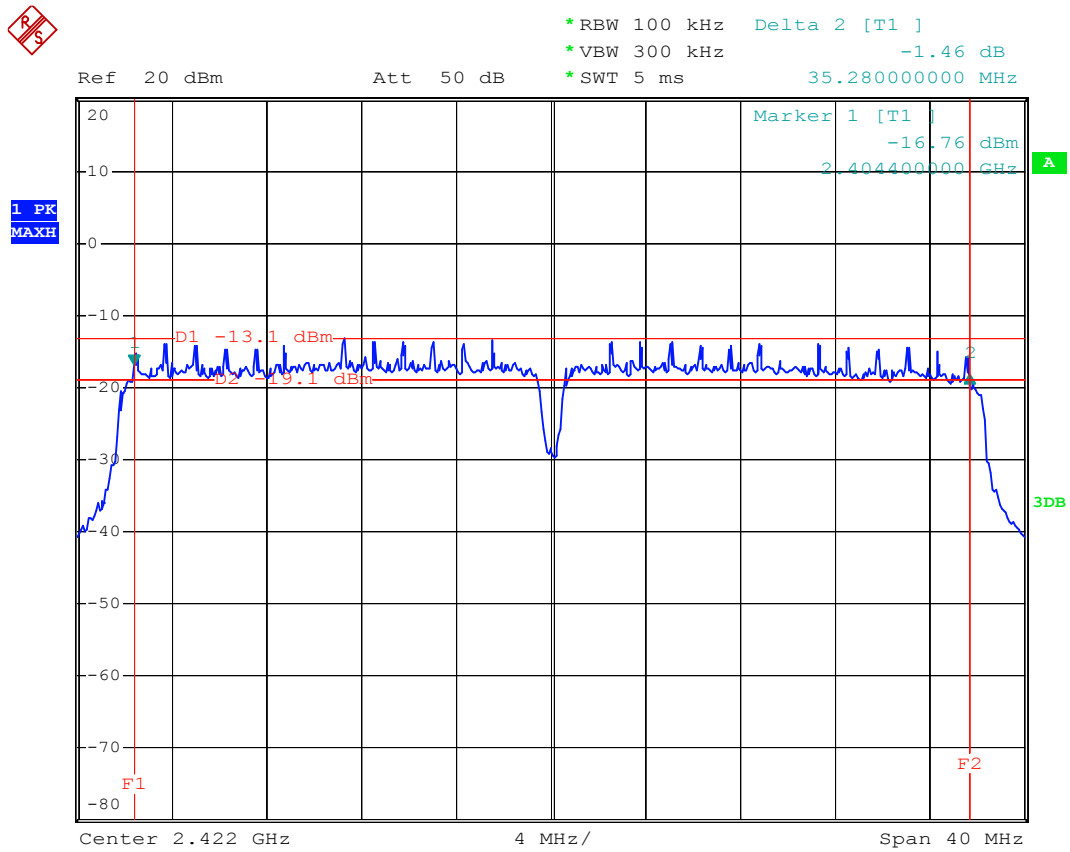
### 802.11n Channel Middle 2437MHz (20MHz)



### 802.11n Channel High 2462MHz (20MHz)

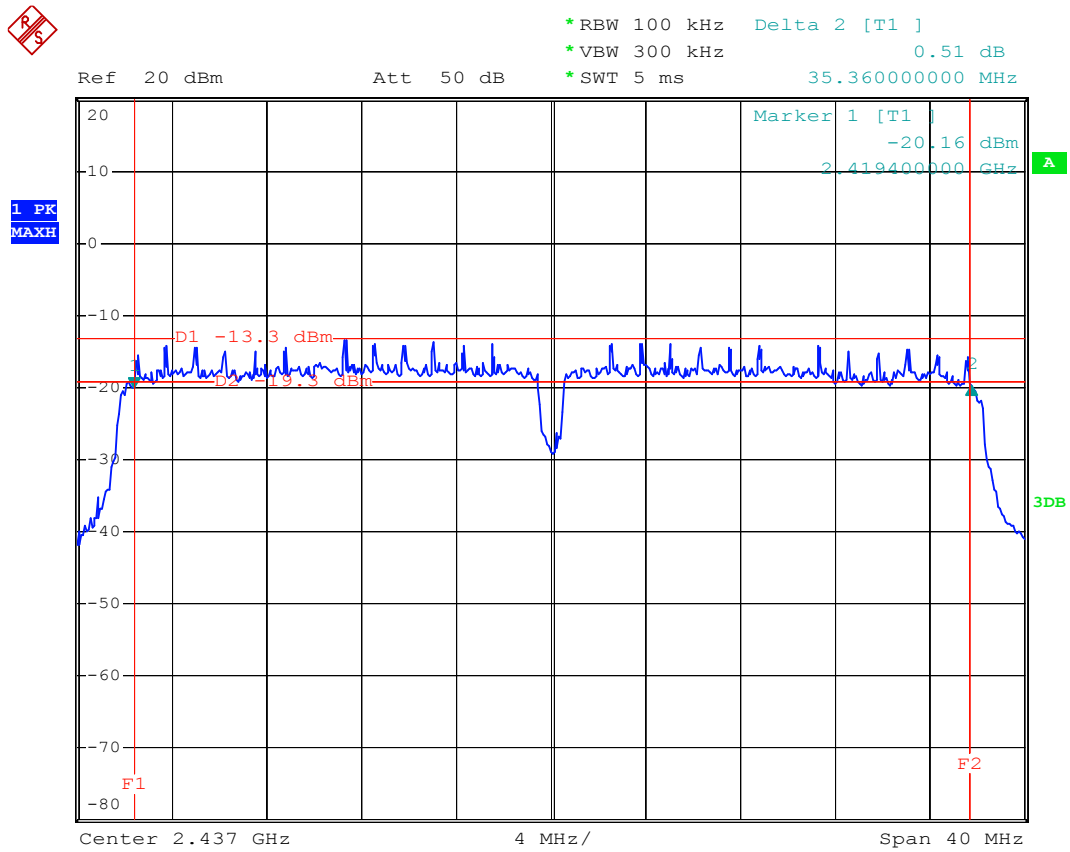


### 802.11n Channel Low 2422MHz (40MHz)

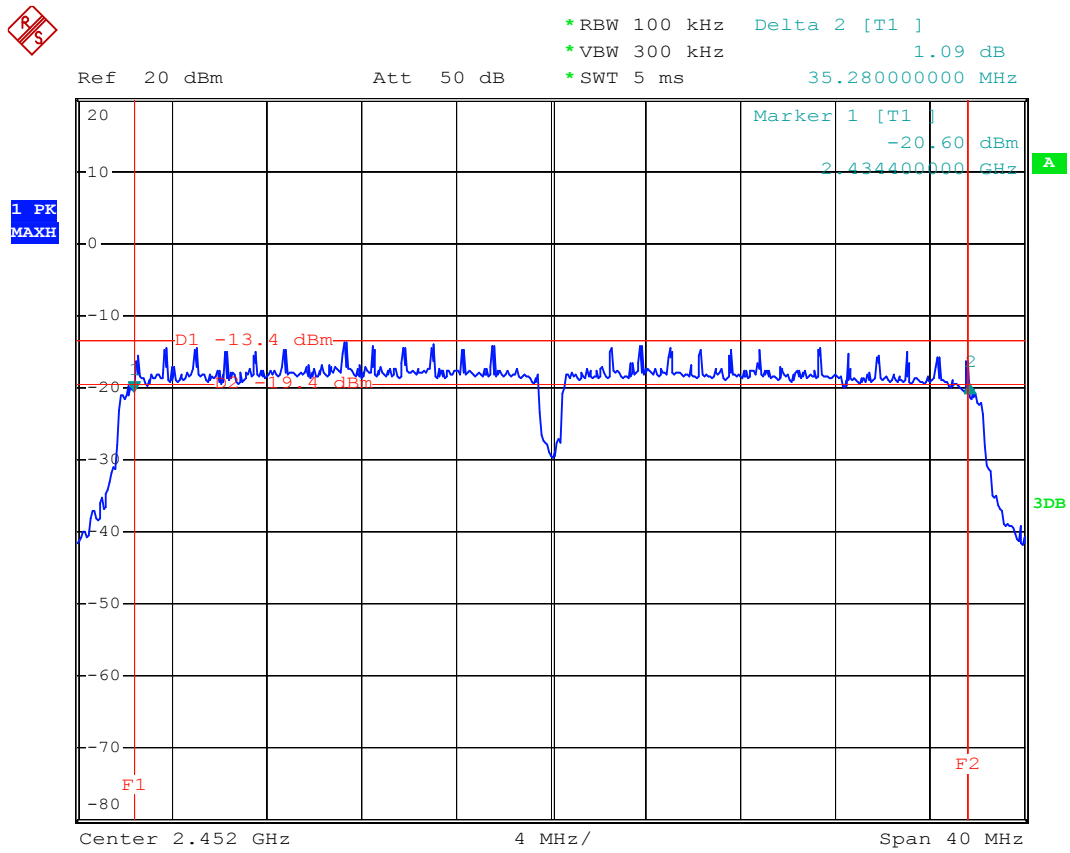




### 802.11n Channel Middle 2437MHz (40MHz)

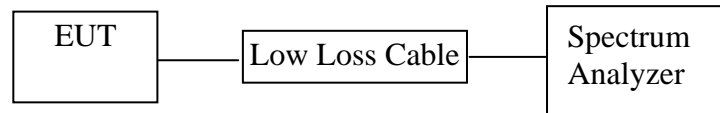


### 802.11n Channel High 2452MHz (40MHz)



## 6. MAXIMUM PEAK OUTPUT POWER

### 6.1. Block Diagram of Test Setup



(EUT: 7 inch tablet)

### 6.2. The Requirement For Section 15.247(b)(3)

Section 15.247(b)(3): For systems using digital modulation in the 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz bands: 1 Watt.

### 6.3. EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

#### 6.3.1. 7 inch tablet (EUT)

Model Number : EGP114  
 Serial Number : N/A  
 Manufacturer : Acuce Co., Ltd

### 6.4. Operating Condition of EUT

6.4.1. Setup the EUT and simulator as shown as Section 6.1.

6.4.2. Turn on the power of all equipment.

6.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

## 6.5. Test Procedure

6.5.1. The transmitter output was connected to the spectrum analyzer through a low loss cable.

6.5.2. Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz. Set the span  $\geq$  1.5\*DTS bandwidth, Detector=peak, Sweep time= auto couple. Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select peak detector)

6.5.3. Measurement the maximum peak output power.

## 6.6. Test Result

**PASS.**

Date of Test:	<u>April 14, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EDG114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>TX</u>	Test Engineer:	<u>Ricky</u>

The test was performed with 802.11b

Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	9.12	8.17	30 dBm / 1 W
Middle	2437	9.30	8.51	30 dBm / 1 W
High	2462	9.55	9.01	30 dBm / 1 W

The test was performed with 802.11g

Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	8.55	7.16	30 dBm / 1 W
Middle	2437	8.67	7.36	30 dBm / 1 W
High	2462	8.70	7.41	30 dBm / 1 W

The test was performed with 802.11n (20MHz)

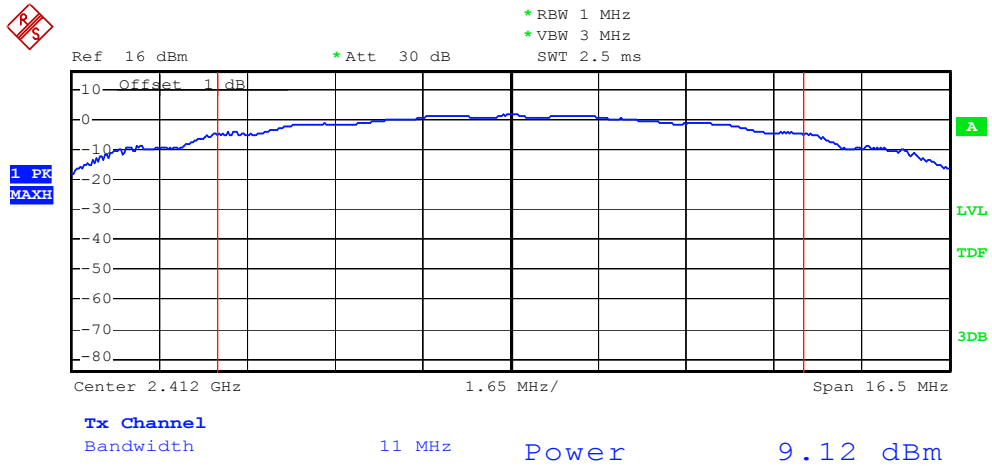
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	8.95	7.85	30 dBm / 1 W
Middle	2437	8.97	7.89	30 dBm / 1 W
High	2462	9.00	7.94	30 dBm / 1 W

The test was performed with 802.11n (40MHz)

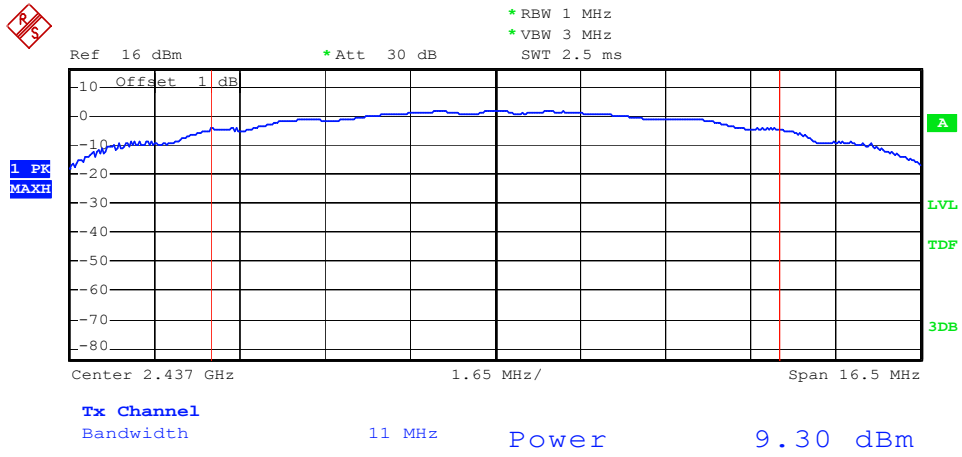
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2422	9.07	8.07	30 dBm / 1 W
Middle	2437	8.76	7.52	30 dBm / 1 W
High	2452	8.37	6.87	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

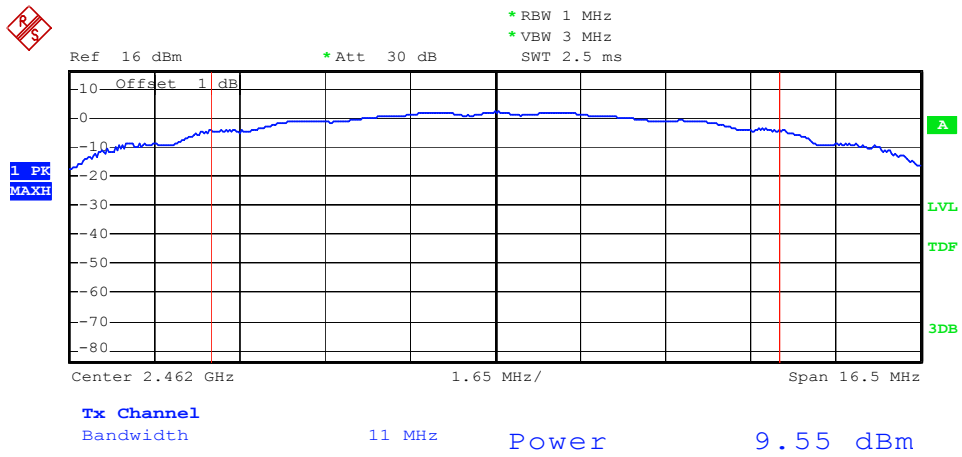
### 802.11b Channel Low 2412MHz



### 802.11b Channel Middle 2437MHz

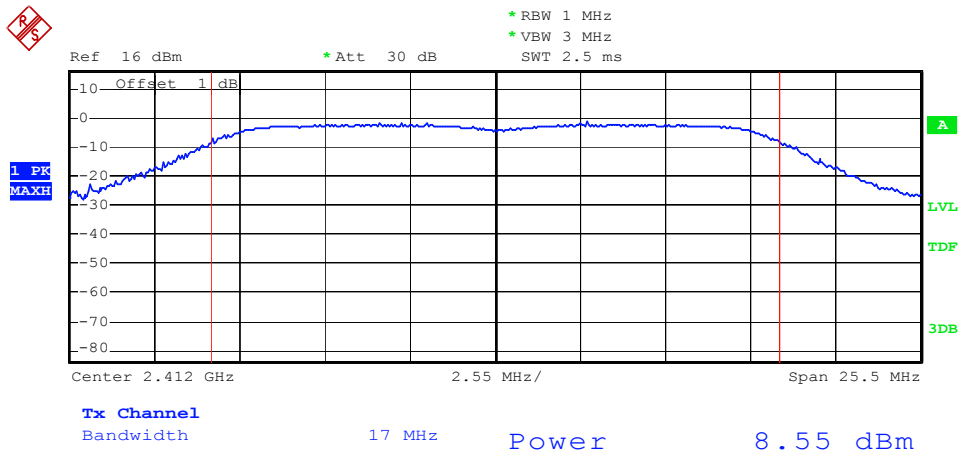


### 802.11b Channel High 2462MHz

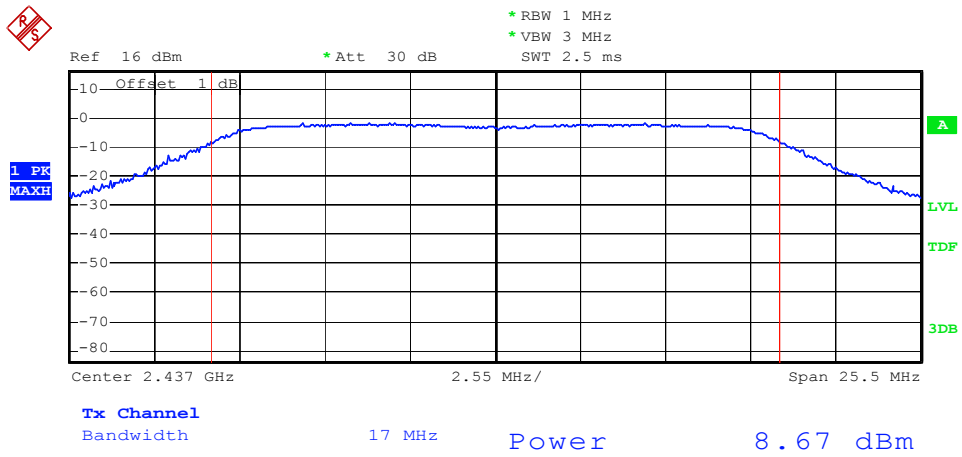




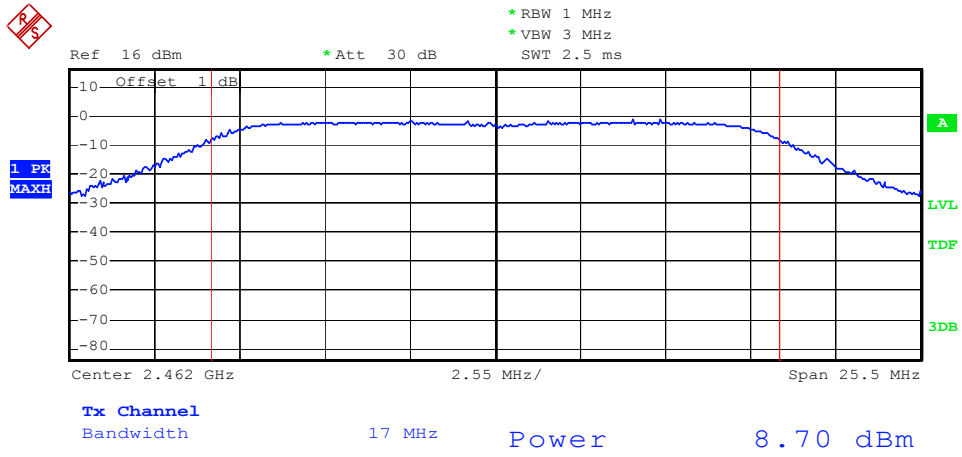
### 802.11g Channel Low 2412MHz



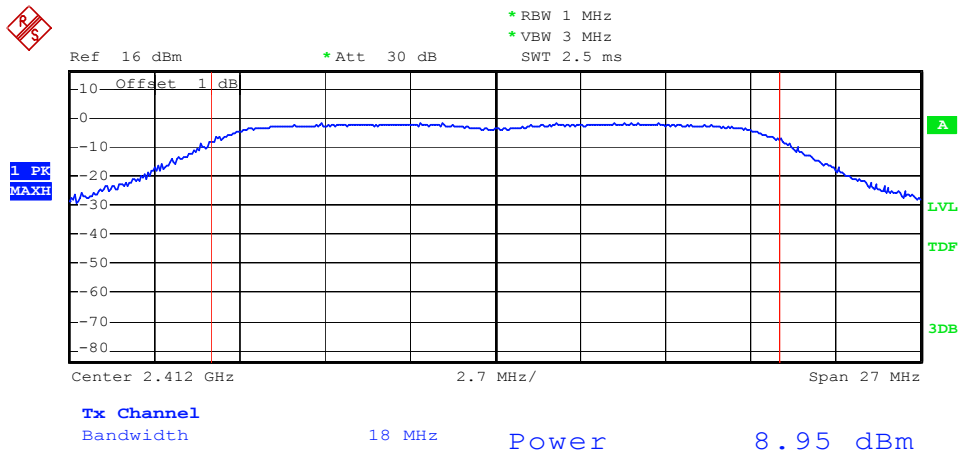
### 802.11g Channel Middle 2437MHz



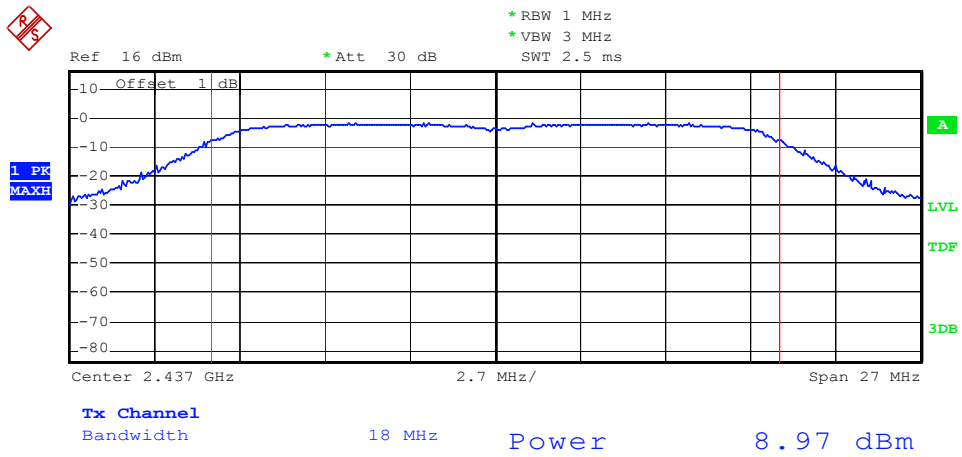
### 802.11g Channel High 2462MHz



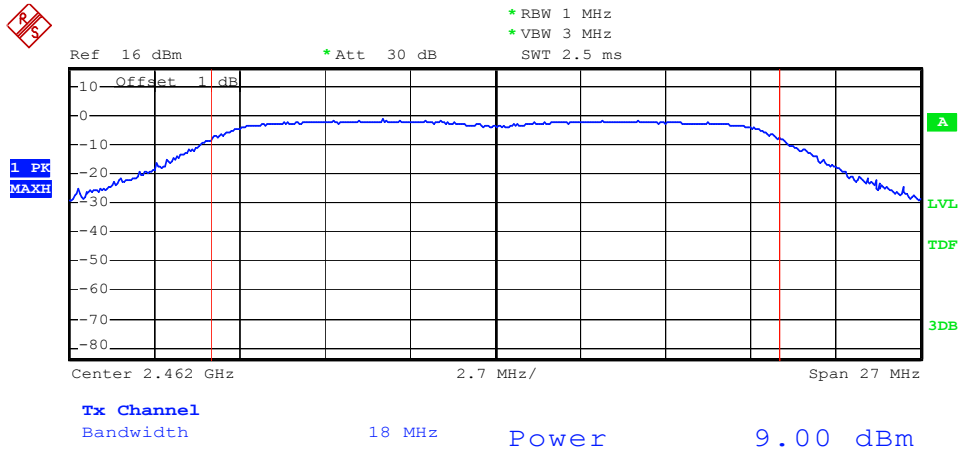
### 802.11n Channel Low 2412MHz (20MHz)



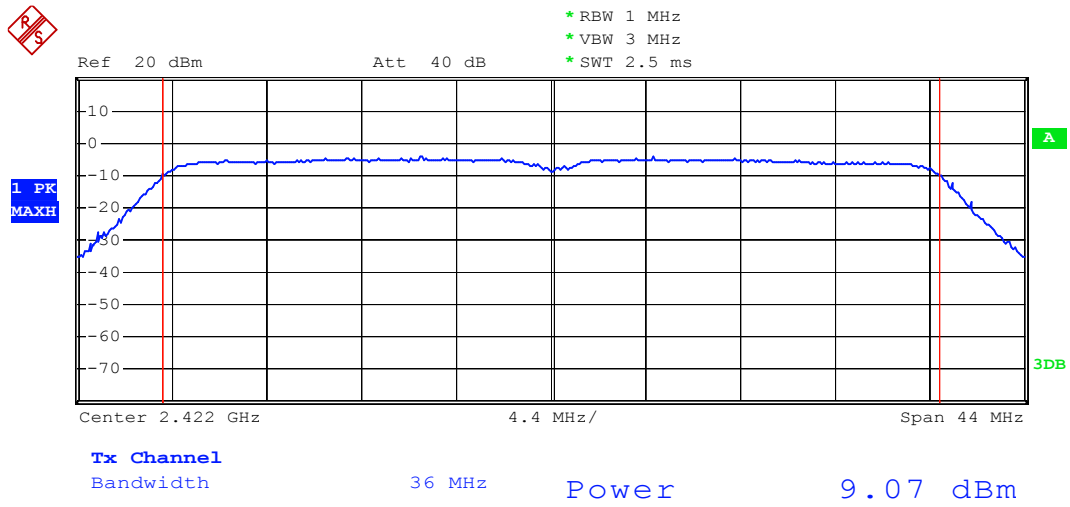
### 802.11n Channel Middle 2437MHz (20MHz)



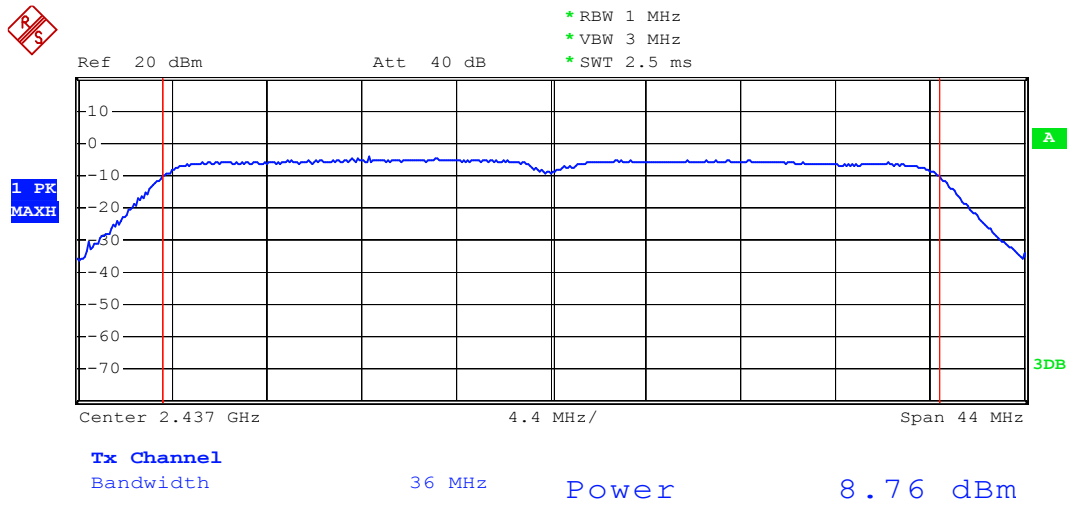
### 802.11n Channel High 2462MHz (20MHz)



### 802.11n Channel Low 2422MHz (40MHz)

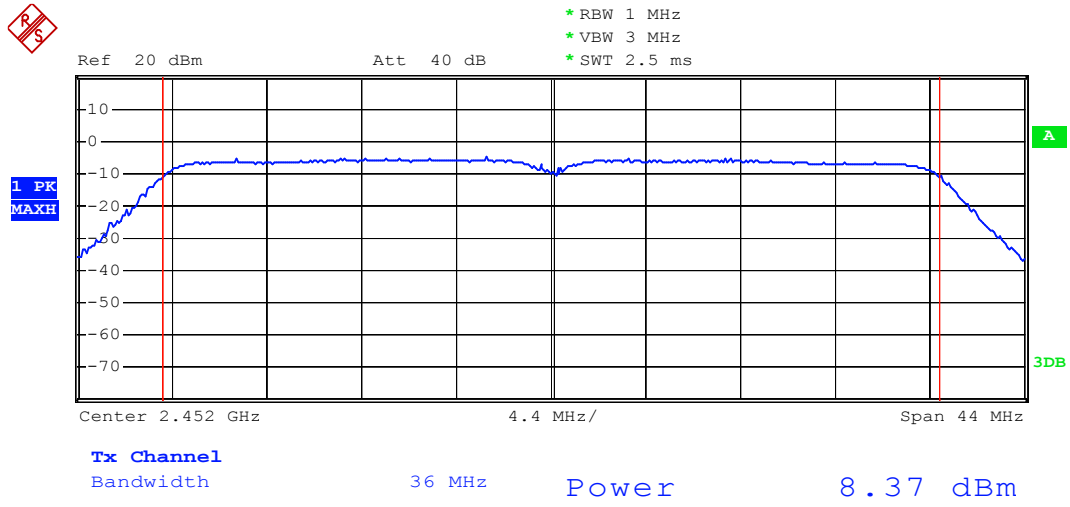


### 802.11n Channel Middle 2437MHz (40MHz)





### 802.11n Channel High 2452MHz (40MHz)



## 7. POWER SPECTRAL DENSITY MEASUREMENT

### 7.1. Block Diagram of Test Setup



(EUT: 7 inch tablet)

### 7.2. The Requirement For Section 15.247(e)

Section 15.247(e): For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

### 7.3. EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

#### 7.3.1. 7 inch tablet(EUT)

Model Number : EGP114  
 Serial Number : N/A  
 Manufacturer : Acuce Co., Ltd

### 7.4. Operating Condition of EUT

7.4.1. Setup the EUT and simulator as shown as Section 7.1.

7.4.2. Turn on the power of all equipment.

7.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

## 7.5. Test Procedure

7.5.1. The transmitter output was connected to the spectrum analyzer through a low loss cable.

7.5.2. Set RBW of spectrum analyzer to 3 kHz and VBW to 10 kHz, sweep time = auto, Set the span to 1.5 times the DTS bandwidth, Detector=peak, Trace mode=max hold, Use the peak marker function to determine the maximum amplitude level within the RBW, If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

7.5.3. Measurement the maximum power spectral density.

## 7.6. Test Result

**PASS.**

Date of Test:	<u>April 14, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>TX</u>	Test Engineer:	<u>Ricky</u>

The test was performed with 802.11b			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm/3kHz)
Low	2412	-15.79	8 dBm
Middle	2437	-16.04	8 dBm
High	2462	-16.50	8 dBm

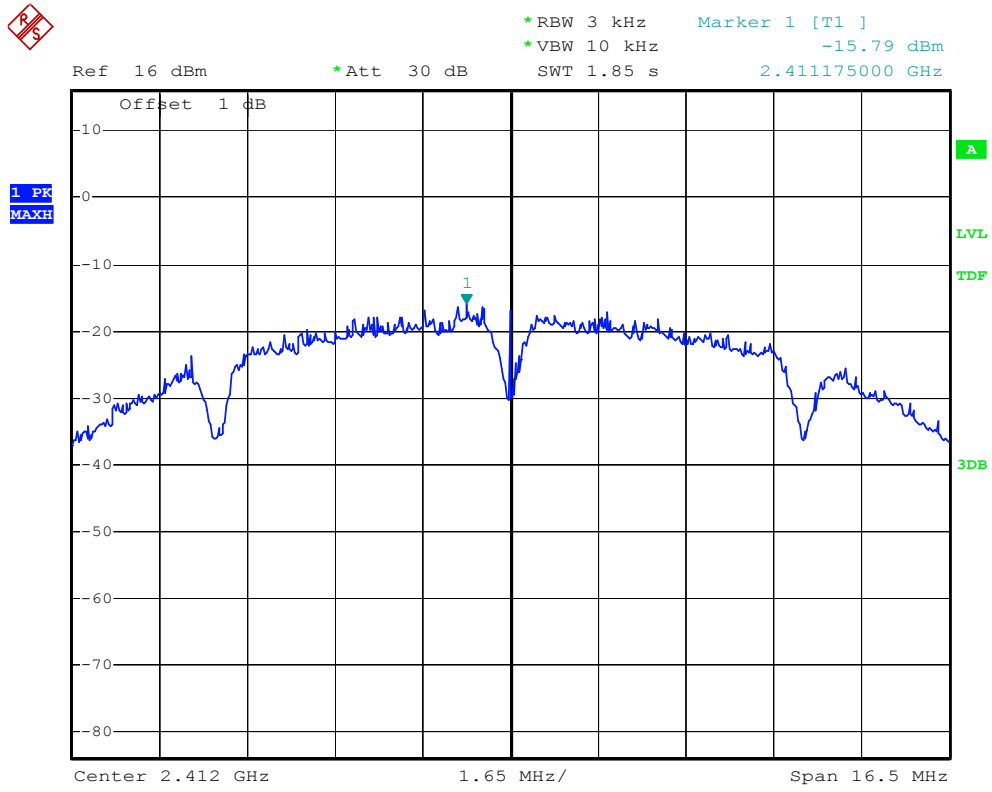
The test was performed with 802.11g			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low	2412	-24.84	8 dBm
Middle	2437	-21.98	8 dBm
High	2462	-21.92	8 dBm

The test was performed with 802.11n (20MHz)			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low	2412	-24.56	8 dBm
Middle	2437	-25.28	8 dBm
High	2462	-24.35	8 dBm

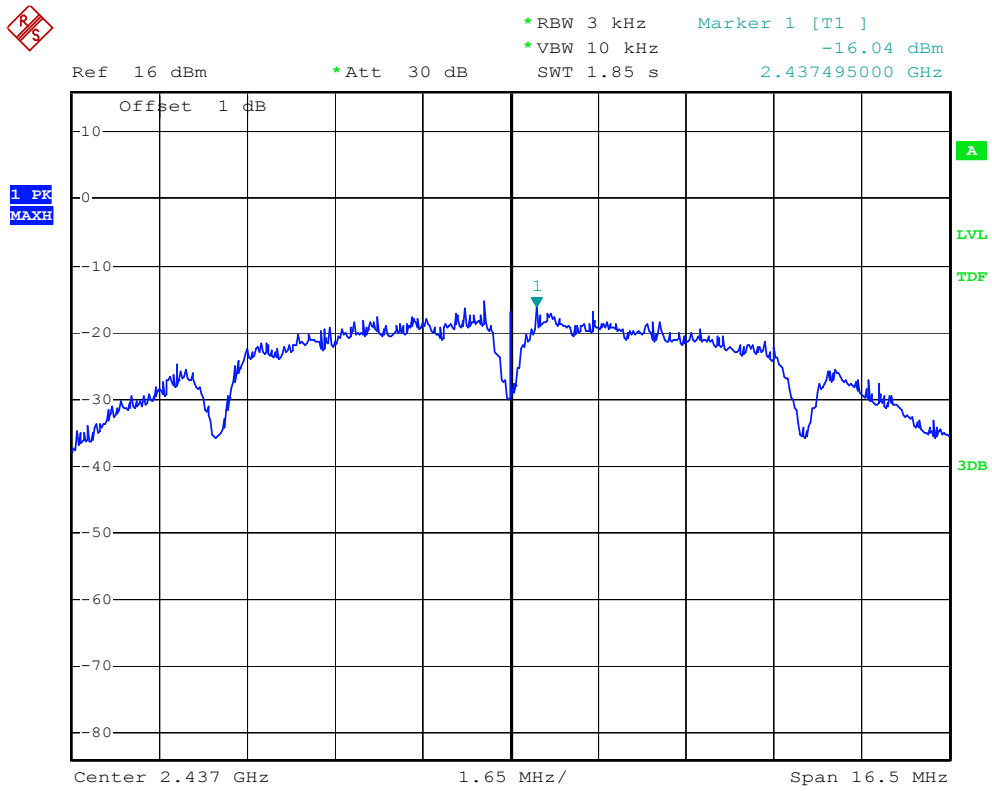
The test was performed with 802.11n (40MHz)			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low	2422	-28.36	8 dBm
Middle	2437	-27.20	8 dBm
High	2452	-28.69	8 dBm

The spectrum analyzer plots are attached as below.

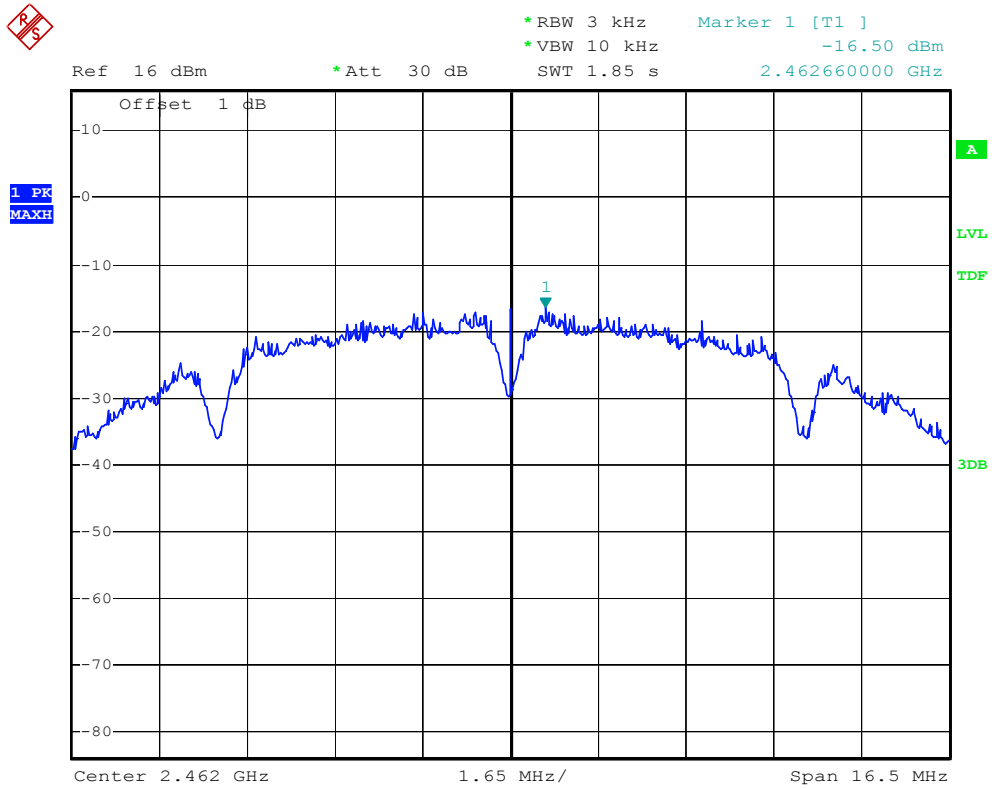
### 802.11b Channel Low 2412MHz



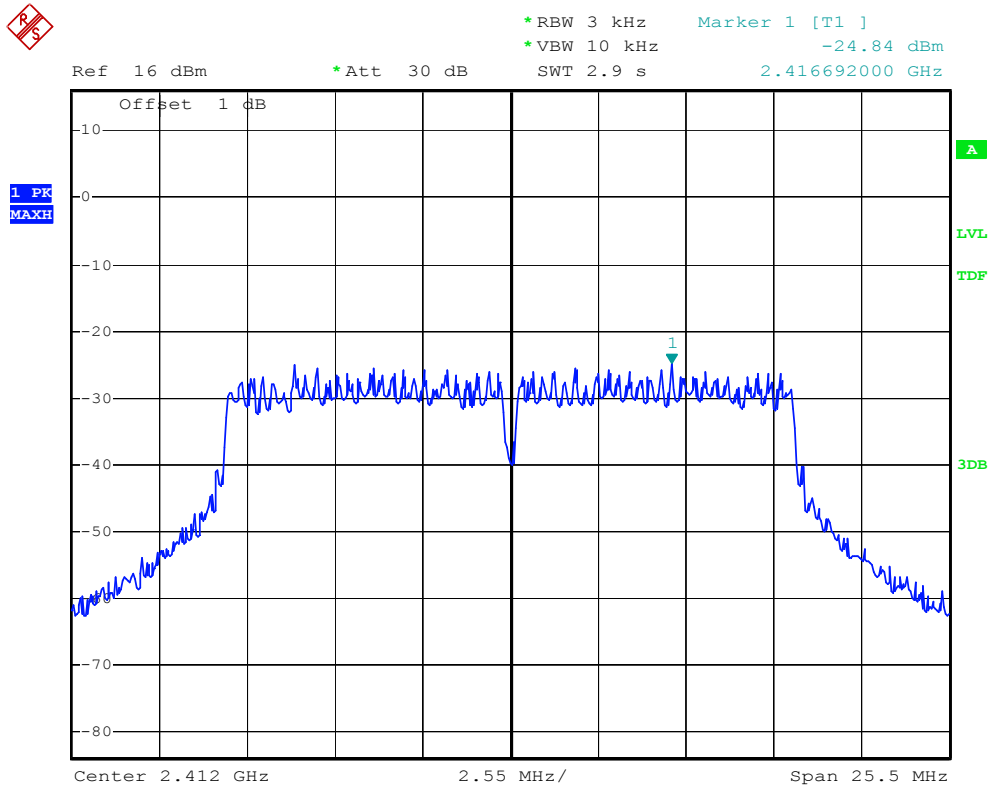
### 802.11b Channel Middle 2437MHz



### 802.11b Channel High 2462MHz

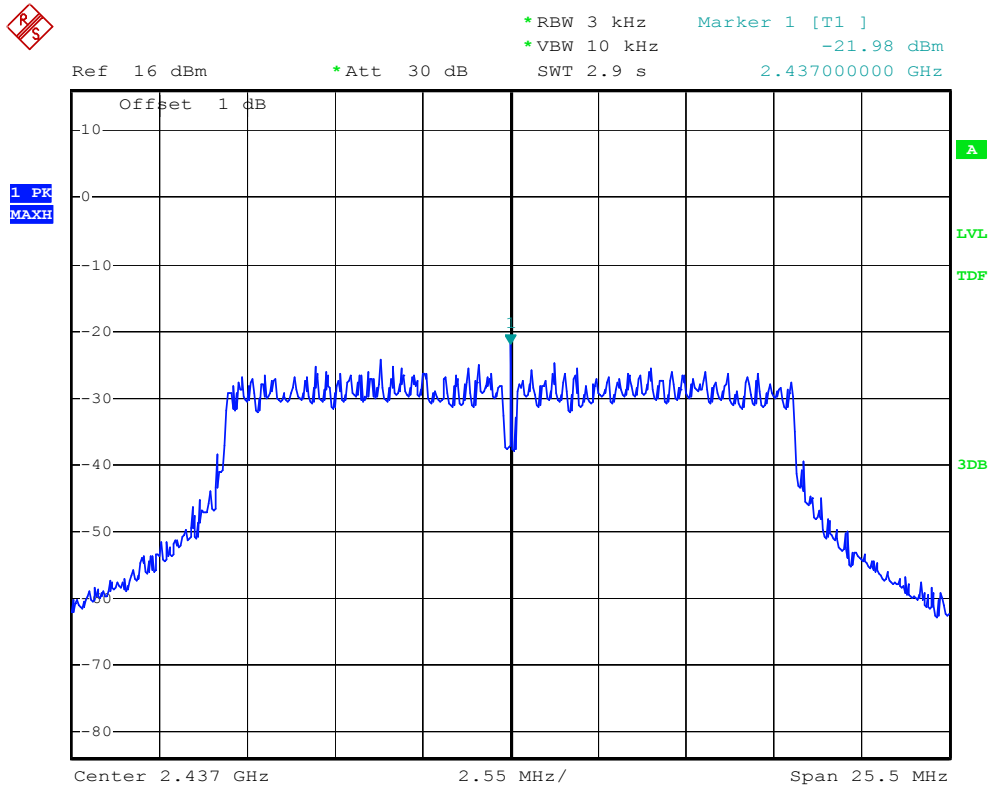


### 802.11g Channel Low 2412MHz

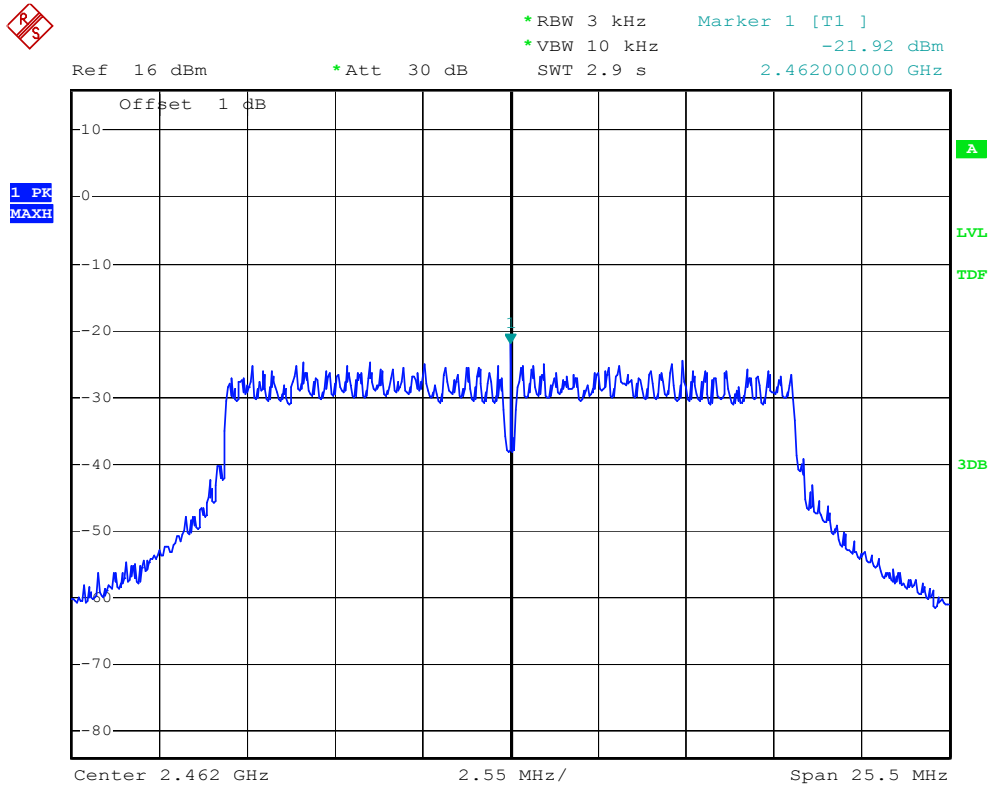




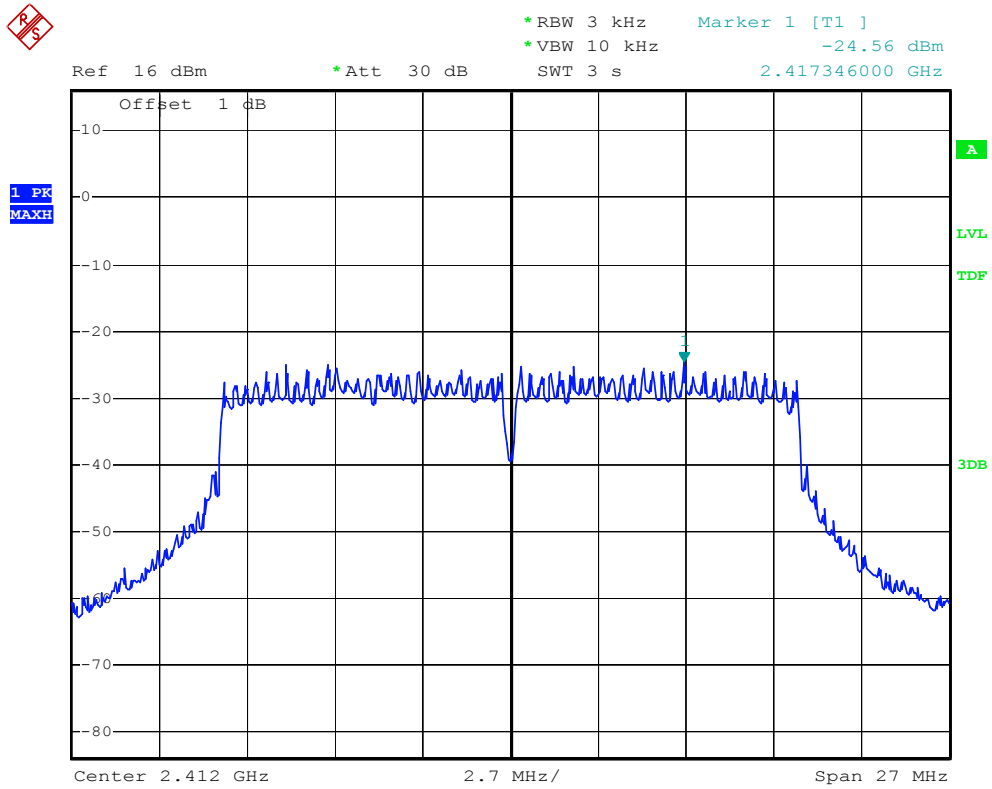
### 802.11g Channel Middle 2437MHz



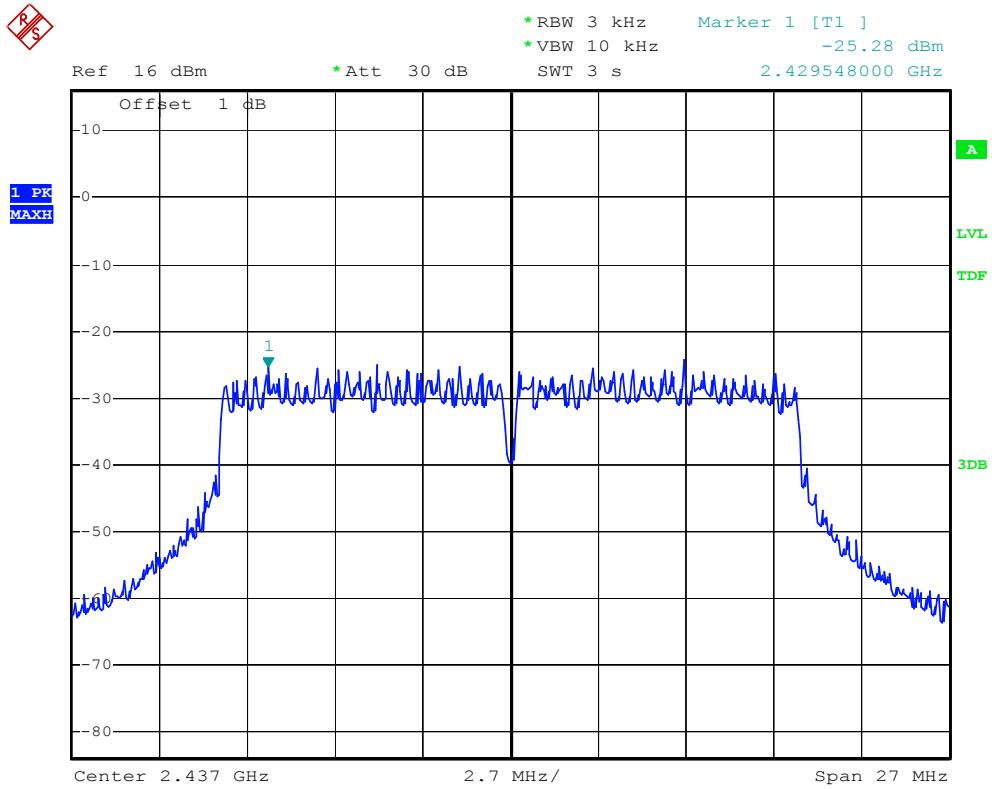
### 802.11g Channel High 2462MHz



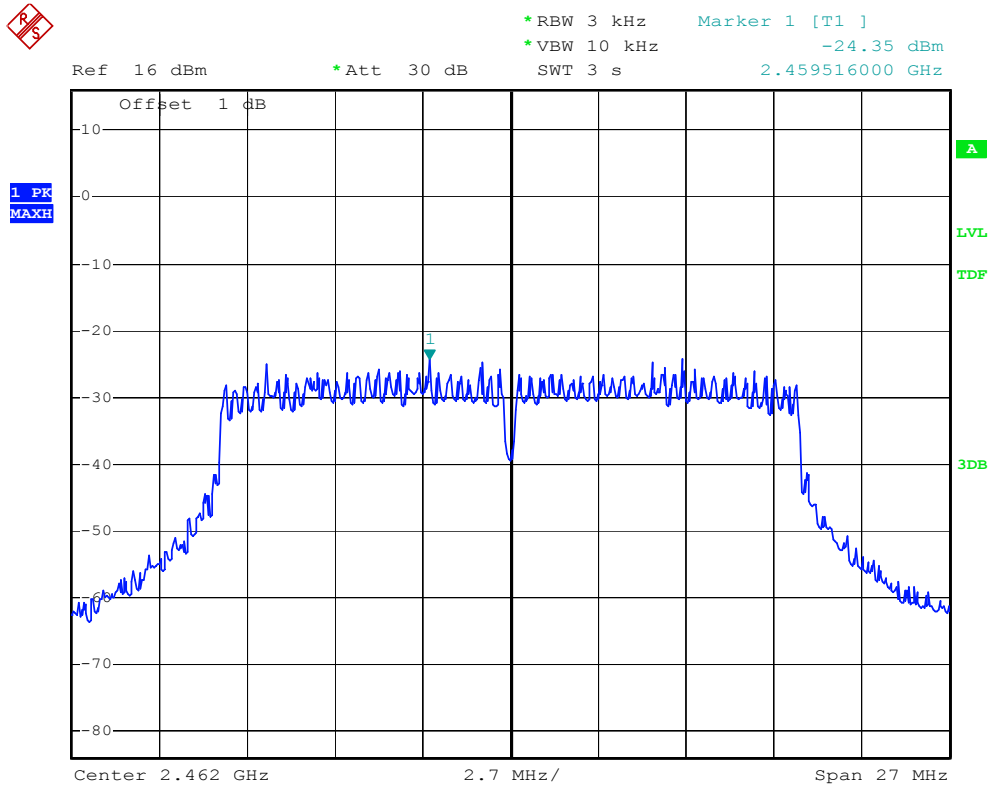
### 802.11n Channel Low 2412MHz (20MHz)



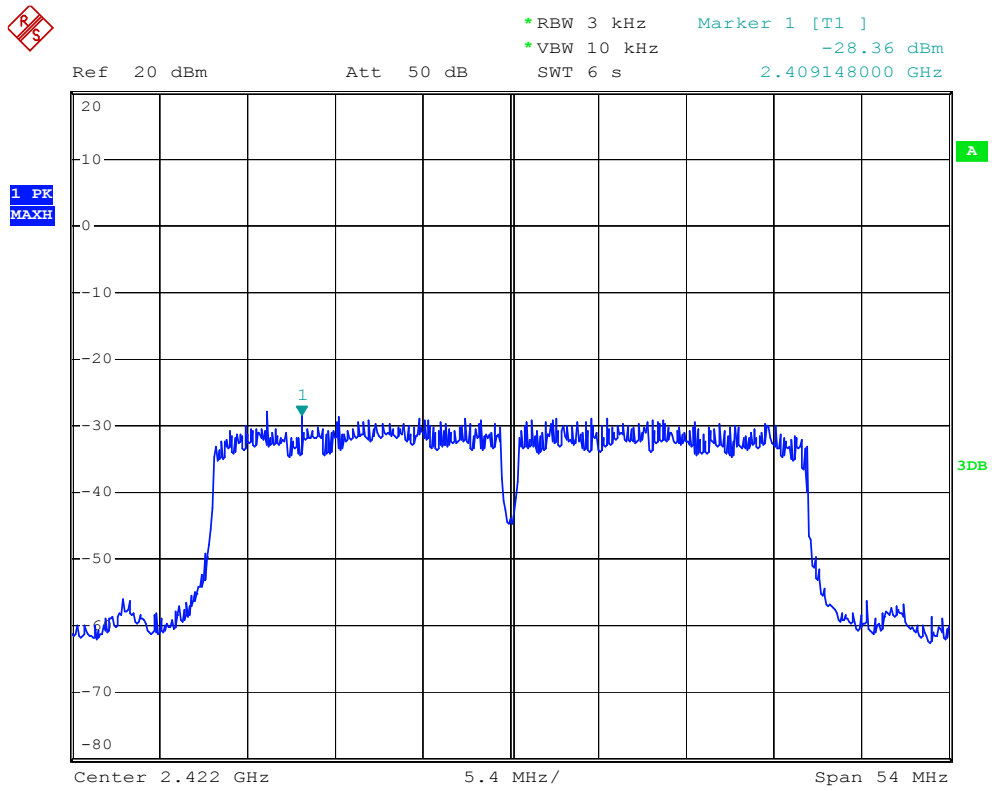
### 802.11n Channel Middle 2437MHz (20MHz)



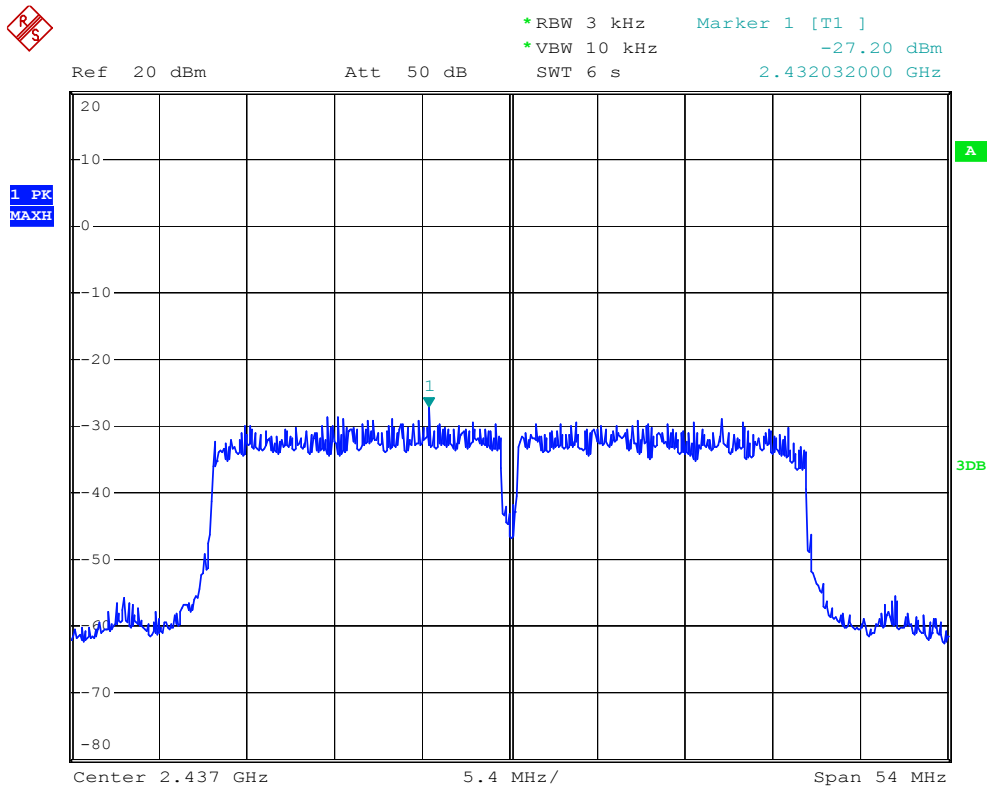
### 802.11n Channel High 2462MHz (20MHz)



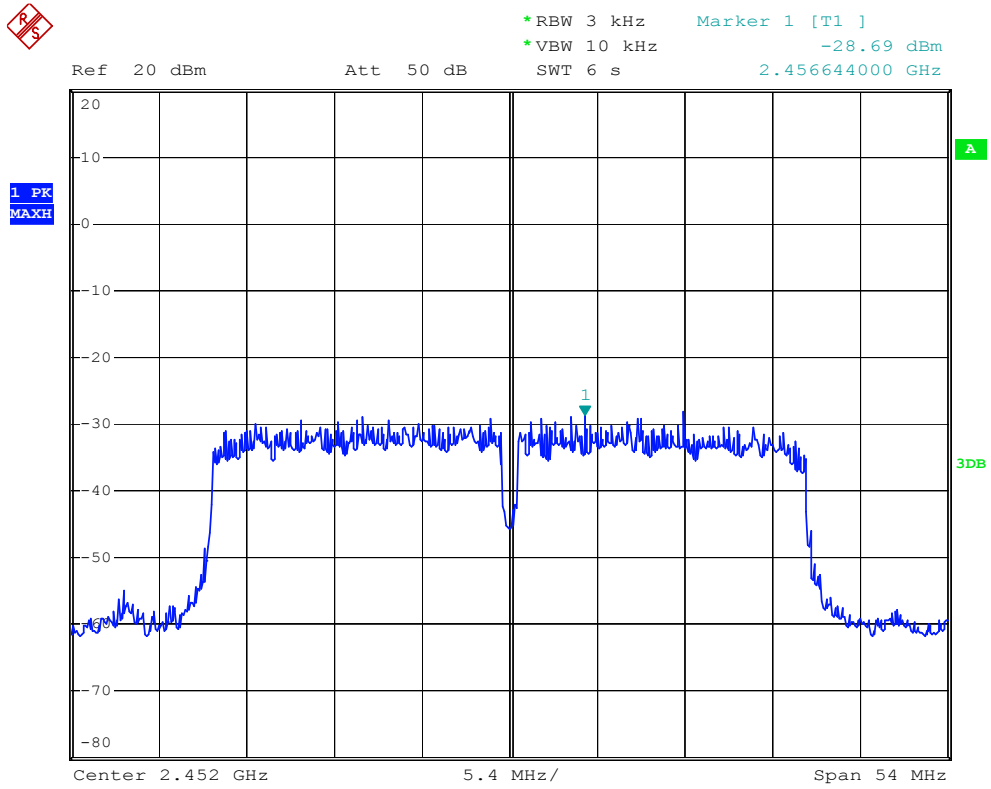
### 802.11n Channel Low 2422MHz (40MHz)



### 802.11n Channel Middle 2437MHz (40MHz)



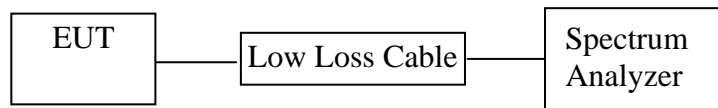
### 802.11n Channel High 2452MHz (40MHz)





## 8. BAND EDGE COMPLIANCE TEST

### 8.1. Block Diagram of Test Setup



(EUT: 7 inch tablet)

### 8.2. The Requirement For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

### 8.3. EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

#### 8.3.1. 7 inch tablet (EUT)

Model Number	:	EGP114
Serial Number	:	N/A
Manufacturer	:	E-matic

## 8.4. Operating Condition of EUT

8.4.1. Setup the EUT and simulator as shown as Section 8.1.

8.4.2. Turn on the power of all equipment.

8.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz MHz. We select 2412MHz, 2462MHz and 2422MHz, 2452MHz TX frequency to transmit.

## 8.5. Test Procedure

### Conducted Band Edge:

8.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.

8.5.2. Set RBW of spectrum analyzer to 100 kHz and VBW to 300 kHz.

### Radiate Band Edge:

8.5.3. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.

8.5.4. The turntable was rotated for 360 degrees to determine the position of maximum emission level.

8.5.5. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

8.5.6. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

RBW=1MHz, VBW=1MHz

8.5.7. The band edges was measured and recorded.

## 8.6. Test Result

**Pass****Conducted test**

Date of Test:	<u>April 14, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>TX</u>	Test Engineer:	<u>Ricky</u>

The test was performed with 802.11b

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	42.11	> 20dBc
2462	49.02	> 20dBc

The test was performed with 802.11g

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.88	> 20dBc
2462	41.97	> 20dBc

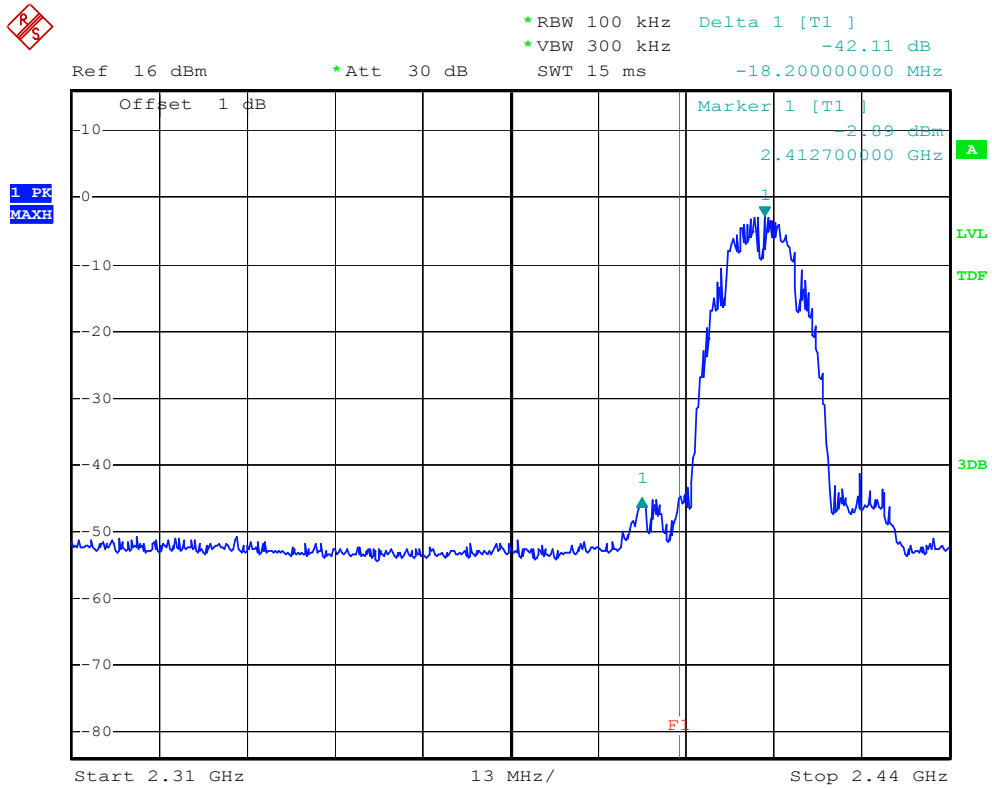
The test was performed with 802.11n (20MHz)

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.57	> 20dBc
2462	40.05	> 20dBc

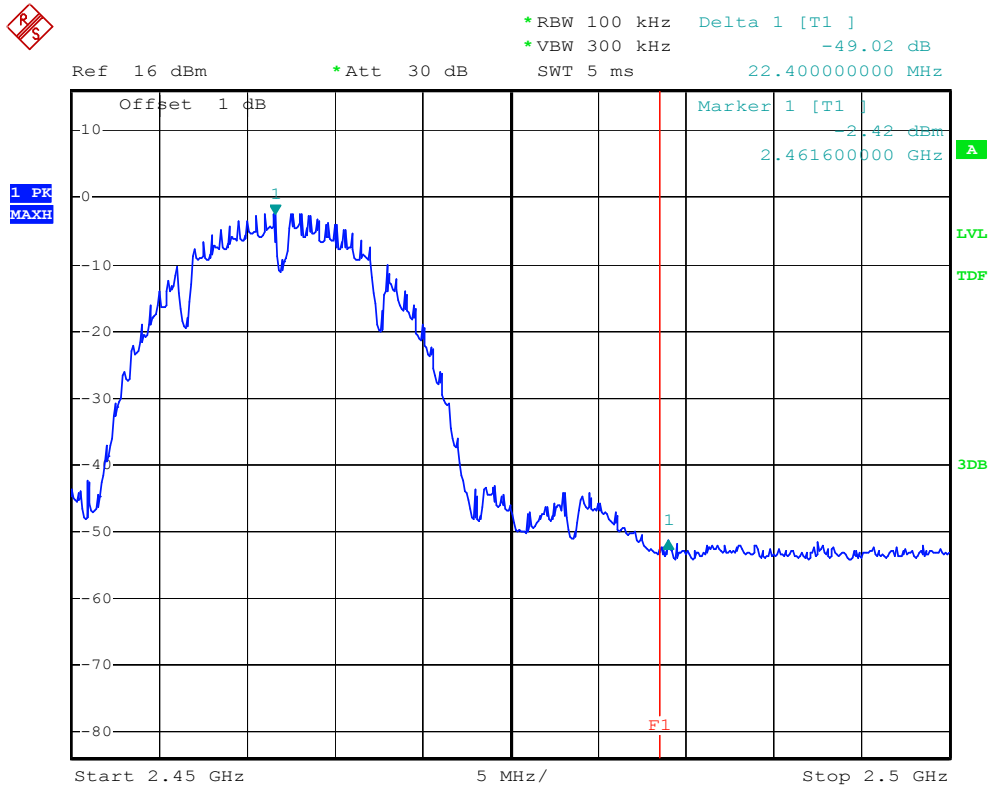
The test was performed with 802.11n (40MHz)

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2422	27.45	> 20dBc
2452	35.06	> 20dBc

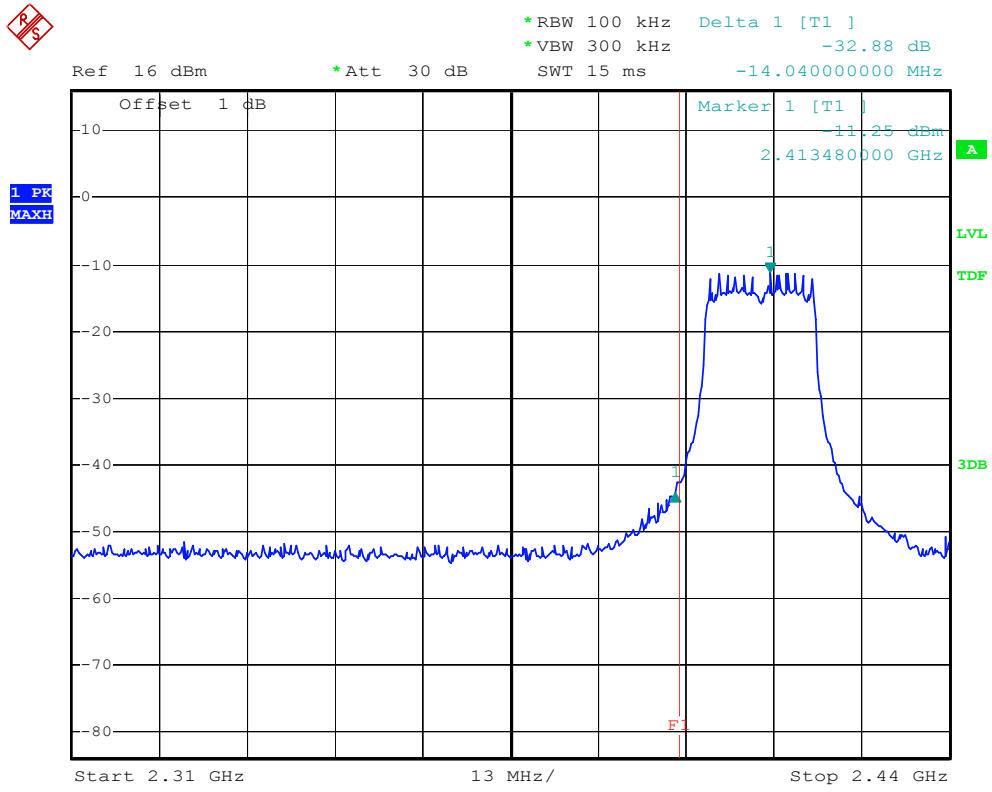
### 802.11b Channel Low 2412MHz



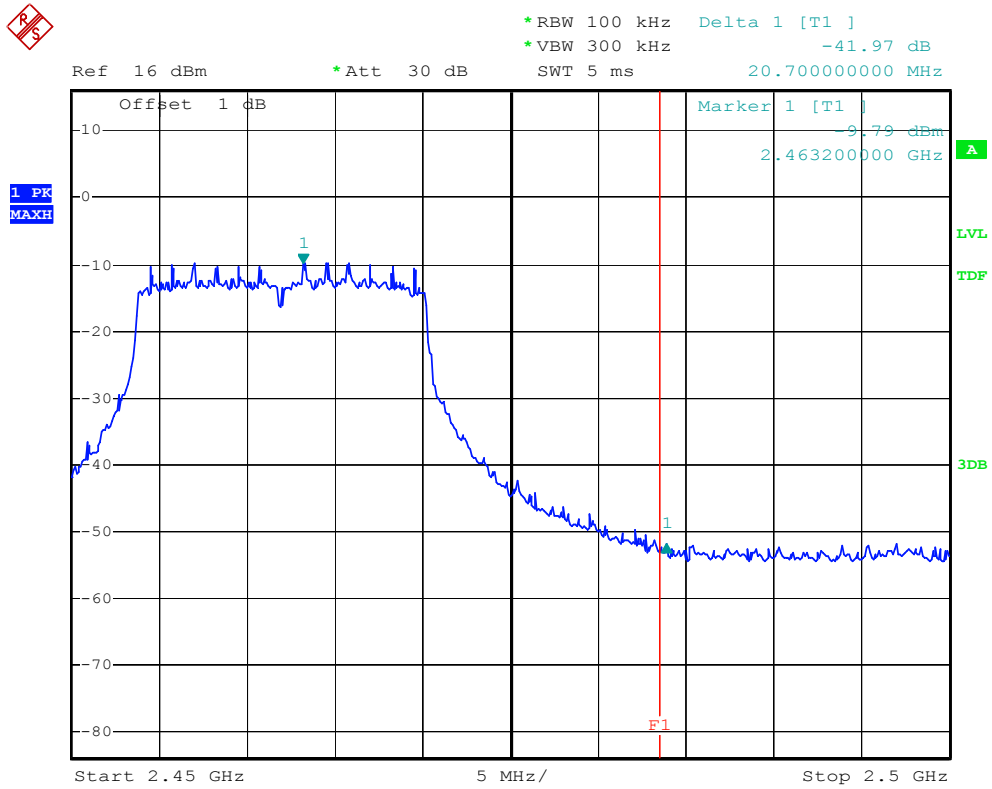
### 802.11b Channel High 2462MHz



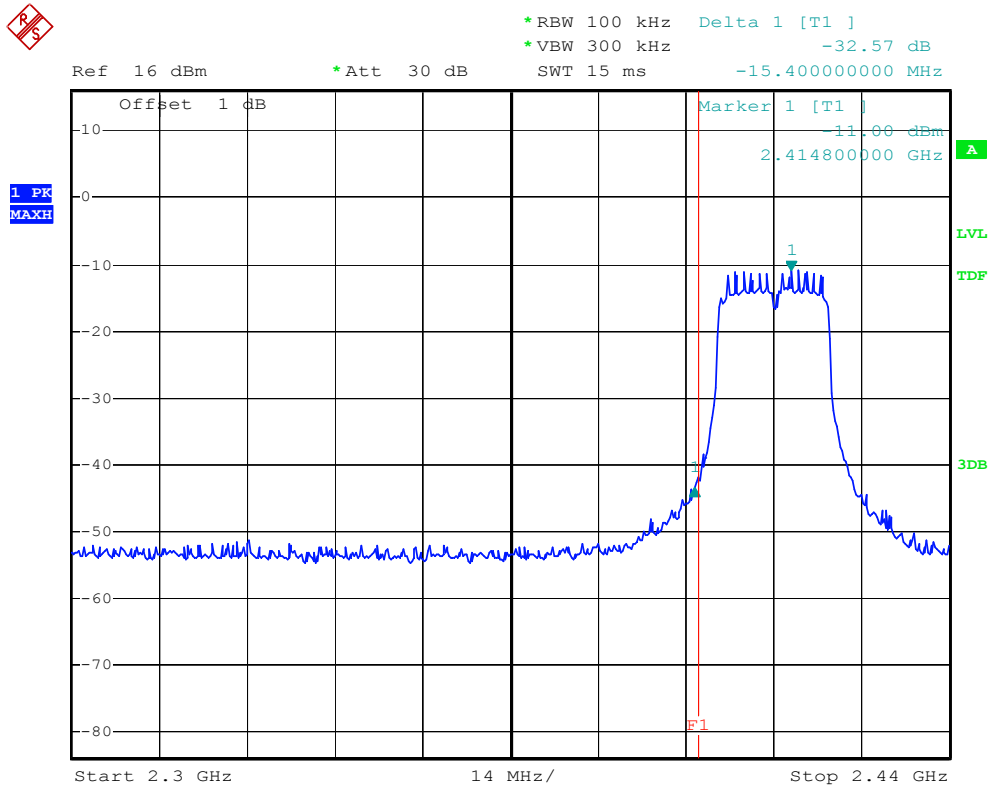
### 802.11g Channel Low 2412MHz



### 802.11g Channel High 2462MHz

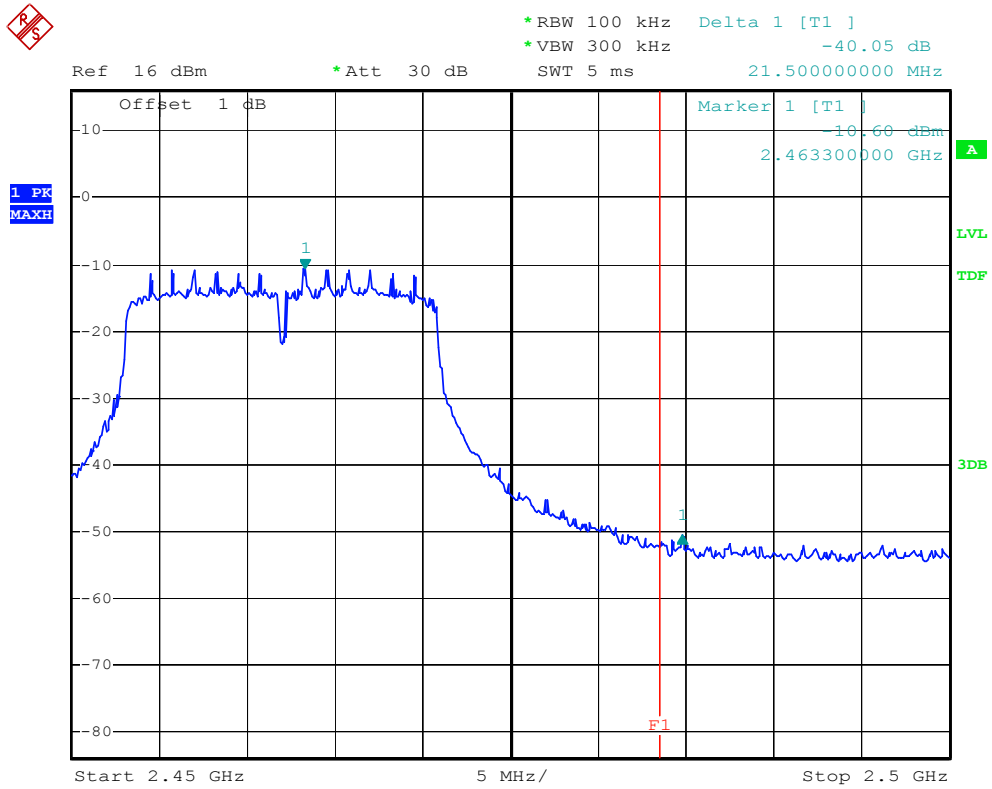


### 802.11n Channel Low 2412MHz (20MHz)

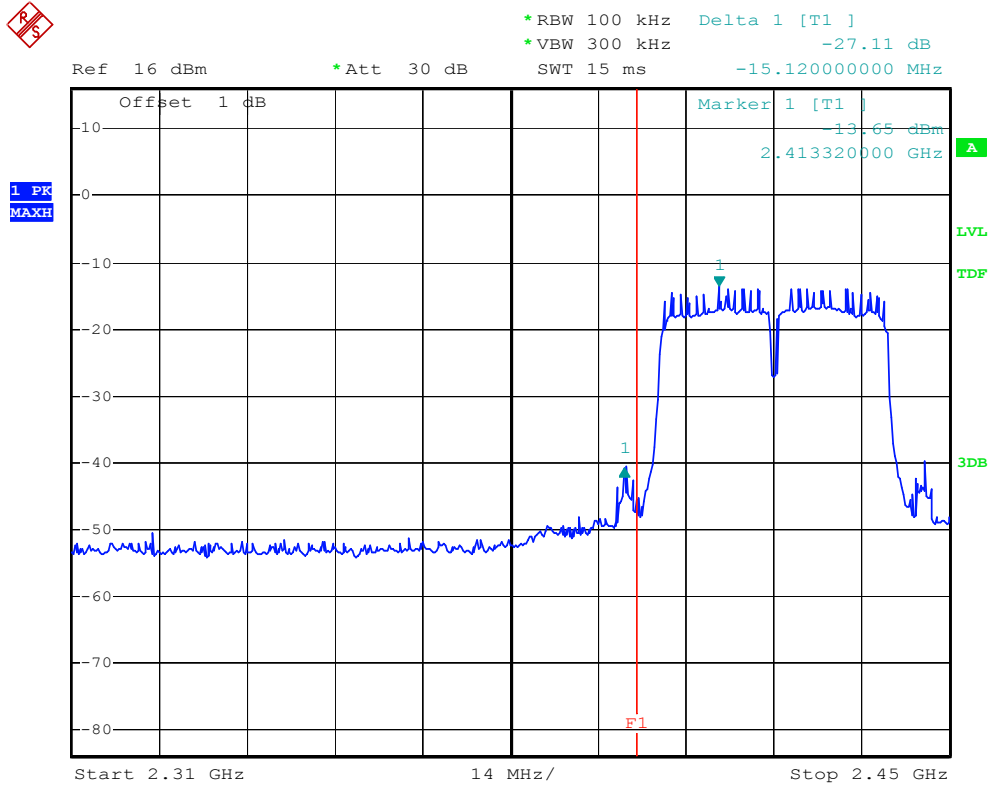




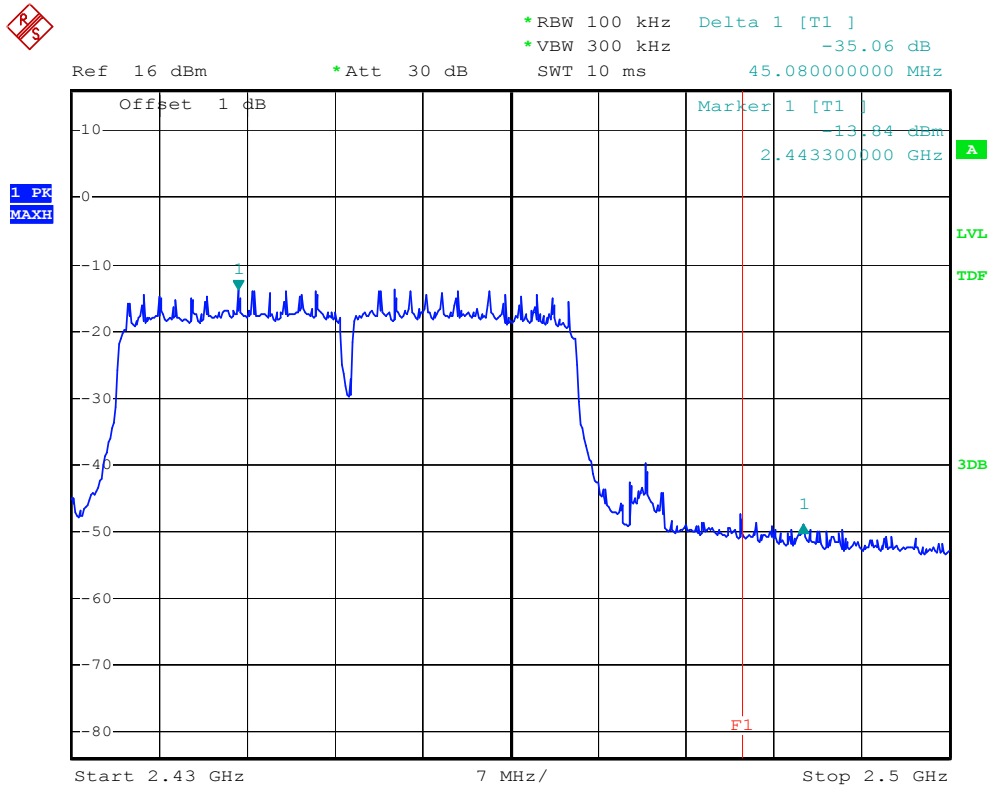
### 802.11n Channel High 2462MHz (20MHz)



802.11n Channel Low 2422MHz (40MHz)



### 802.11n Channel High 2452MHz (40MHz)



**Radiated Band Edge Result**

Date of Test:	<u>April 17, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11b Channel Low 2412MHz</u>	Test Engineer:	<u>Ricky</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2394.778	43.36	48.87	-7.49	35.87	41.38	54	74	-18.13	-32.62	Vertical
2400.000	48.86	52.86	-7.46	41.40	45.40	54	74	-12.60	-28.60	Vertical
2394.647	45.29	49.25	-7.49	37.80	41.76	54	74	-16.20	-32.24	Horizontal
2400.000	51.08	54.08	-7.46	43.62	46.62	54	74	-10.38	-27.38	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:  

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$
3. Display the measurement of peak values.

Date of Test:	<u>April 17, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11b Channel High 2462MHz</u>	Test Engineer:	<u>Ricky</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	42.11	48.98	-7.37	34.74	38.64	54	74	-19.26	-35.36	Vertical
2484.893	44.36	48.98	-7.38	36.98	41.60	54	74	-17.02	-32.40	Vertical
2483.500	43.38	47.37	-7.37	36.01	40.00	54	74	-17.99	-34.00	Horizontal
2484.893	44.98	49.87	-7.38	37.60	42.49	54	74	-16.40	-31.51	Horizontal

## Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:  
Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	<u>April 17, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11g Channel Low 2412MHz</u>	Test Engineer:	<u>Ricky</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2398.855	58.15	63.33	-7.46	50.69	55.87	54	74	-3.31	-18.13	Vertical
2400.000	58.24	66.19	-7.46	50.78	58.73	54	74	-3.22	-15.27	Vertical
2396.618	52.99	56.78	-7.48	45.51	49.30	54	74	-8.49	-24.70	Horizontal
2400.000	58.03	64.21	-7.46	50.57	56.75	54	74	-3.43	-17.25	Horizontal

## Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:  

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$
3. Display the measurement of peak values.

Date of Test:	<u>April 17, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11g Channel High 2462MHz</u>	Test Engineer:	<u>Ricky</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	45.27	49.22	-7.37	37.90	41.85	54	74	-16.10	-32.15	Vertical
2484.954	44.56	48.41	-7.38	37.18	41.03	54	74	-16.82	-32.97	Vertical
2483.500	42.00	45.38	-7.37	34.63	38.01	54	74	-19.37	-35.90	Horizontal
2485.014	41.89	45.38	-7.38	34.51	38.97	54	74	-19.49	-35.03	Horizontal

## Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:  
Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	<u>April 17, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
	<u>802.11n Channel Low 2412MHz</u>		
Test Mode:	<u>(20MHz)</u>	Test Engineer:	<u>Ricky</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2398.460	58.24	58.78	-7.47	50.77	51.31	54	74	-3.23	-22.69	Vertical
2400.000	58.28	59.9	-7.46	50.82	52.33	54	74	-3.18	-21.67	Vertical
2398.328	54.21	58.22	-7.47	46.74	50.75	54	74	-7.26	-23.25	Horizontal
2400.000	56.34	60.18	-7.46	48.88	52.72	54	74	-5.12	-21.28	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

3. Display the measurement of peak values.



Date of Test:	<u>April 17, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11n Channel High 2462MHz (20MHz)</u>	Test Engineer:	<u>Ricky</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	41.03	44.71	-7.37	33.66	37.37	54	74	-20.34	-36.66	Vertical
2486.406	41.37	46.55	-7.39	33.98	39.16	54	74	-20.02	-34.84	Vertical
2483.500	40.18	43.78	-7.37	32.81	36.41	54	74	-21.19	-37.59	Horizontal
2485.438	41.37	45.55	-7.38	33.99	38.17	54	74	-20.01	-35.83	Horizontal

## Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:  
Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	<u>April 17, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
	<u>802.11n Channel Low 2422MHz</u>		
Test Mode:	<u>(40MHz)</u>	Test Engineer:	<u>Ricky</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2398.723	55.46	57.68	-7.47	47.99	50.21	54	74	-6.01	-23.79	Vertical
2400.000	51.21	54.99	-7.46	43.75	47.53	54	74	-10.25	-26.47	Vertical
2398.460	49.68	52.21	-7.47	42.21	44.74	54	74	-11.79	-29.26	Horizontal
2400.000	47.35	51.21	-7.46	39.89	43.75	54	74	-14.11	-30.25	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

3. Display the measurement of peak values.

Date of Test:	<u>April 17, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11n Channel High 2452MHz (40MHz)</u>	Test Engineer:	<u>Ricky</u>

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	43.45	47.39	-7.37	36.08	40.02	54	74	-17.92	-33.98	Vertical
2485.861	44.12	47.61	-7.38	36.74	40.23	54	74	-17.26	-33.77	Vertical
2483.500	41.23	45.67	-7.37	33.86	38.30	54	74	-20.14	-35.70	Horizontal
2485.014	41.35	46.68	-7.38	33.98	39.30	54	74	-20.02	-34.70	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:  
Result = Reading + Corrected Factor
3. Display the measurement of peak values.


**ACCURATE TECHNOLOGY CO., LTD.**

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: RUCKY6 #57

Standard: FCC 15C

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7 inch tablet

Mode: TX Channel 1(802.11b)

Model: EGP114

Manufacturer: E-matic

Polarization: Vertical

Power Source: AC 120V/60Hz

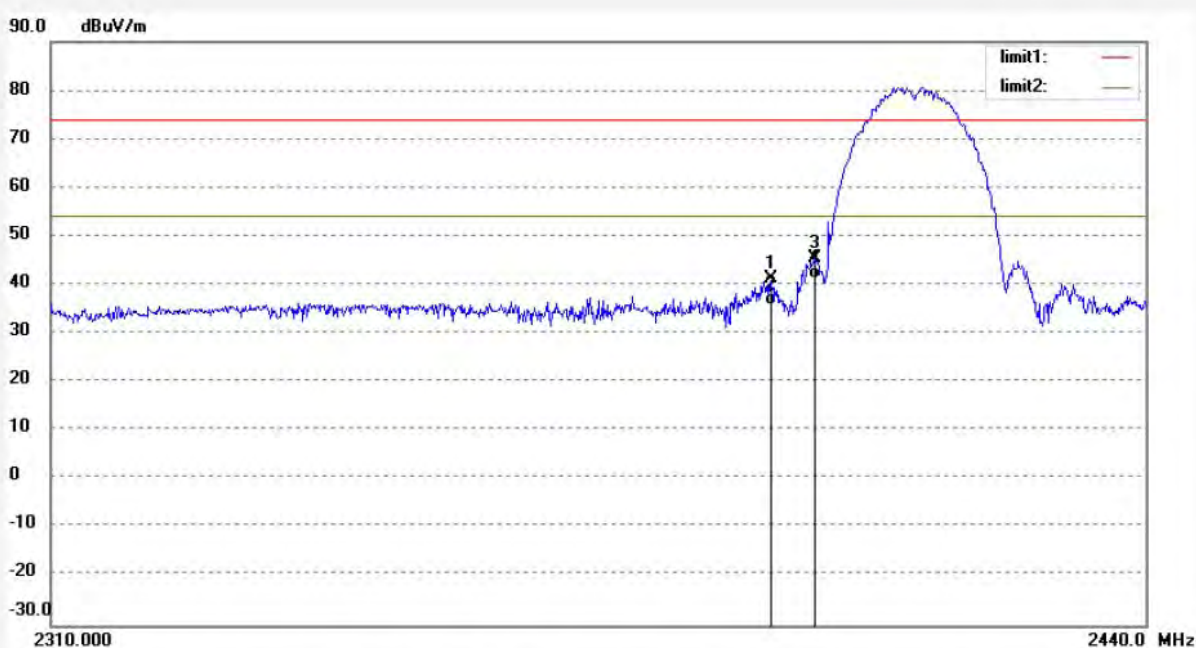
Date: 13/04/17/

Time: 19/11/23

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2394.778	48.87	-7.49	41.38	74.00	-32.62	peak			
2	2394.778	43.36	-7.49	35.87	54.00	-18.13	AVG			
3	2400.000	52.86	-7.46	45.40	74.00	-28.60	peak			
4	2400.000	48.86	-7.46	41.40	54.00	-12.60	AVG			



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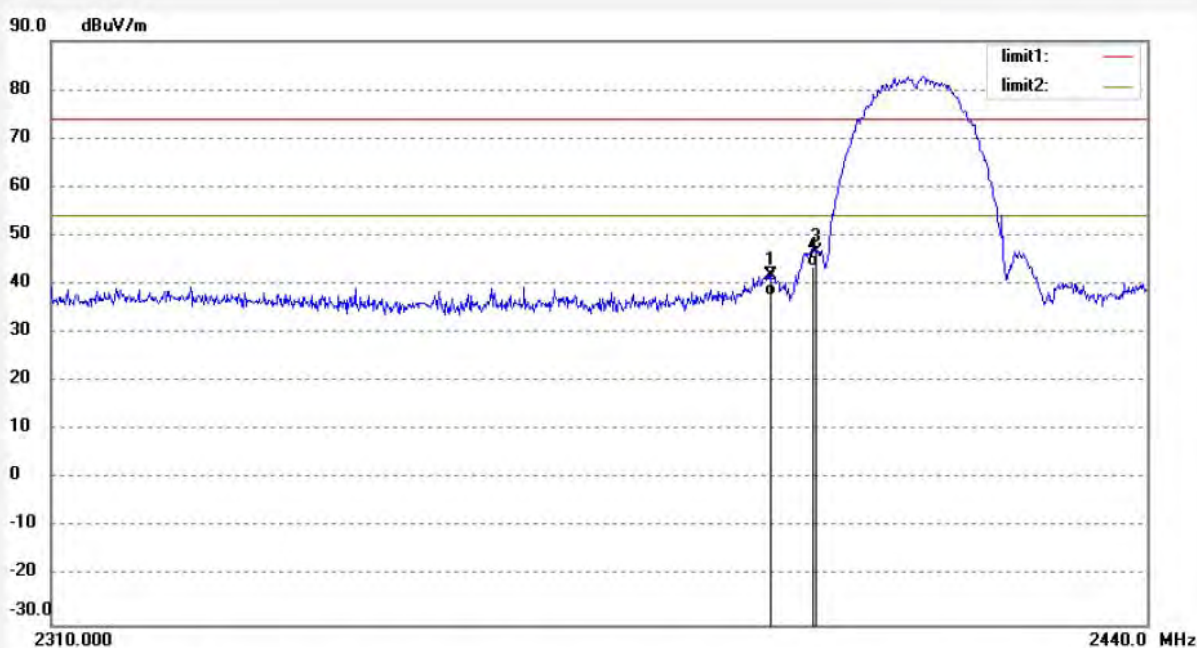
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #58  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 49 %  
EUT: 7 inch tablet  
Mode: TX Channel 1(802.11b)  
Model: EGP114  
Manufacturer: E-matic

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/17/  
Time: 19/12/15  
Engineer Signature: Ricky  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2394.647	49.25	-7.49	41.76	74.00	-32.24	peak			
2	2394.647	45.29	-7.49	37.80	54.00	-16.20	AVG			
3	2400.000	54.08	-7.46	46.62	74.00	-27.38	peak			
4	2400.000	51.08	-7.46	43.62	54.00	-10.38	AVG			





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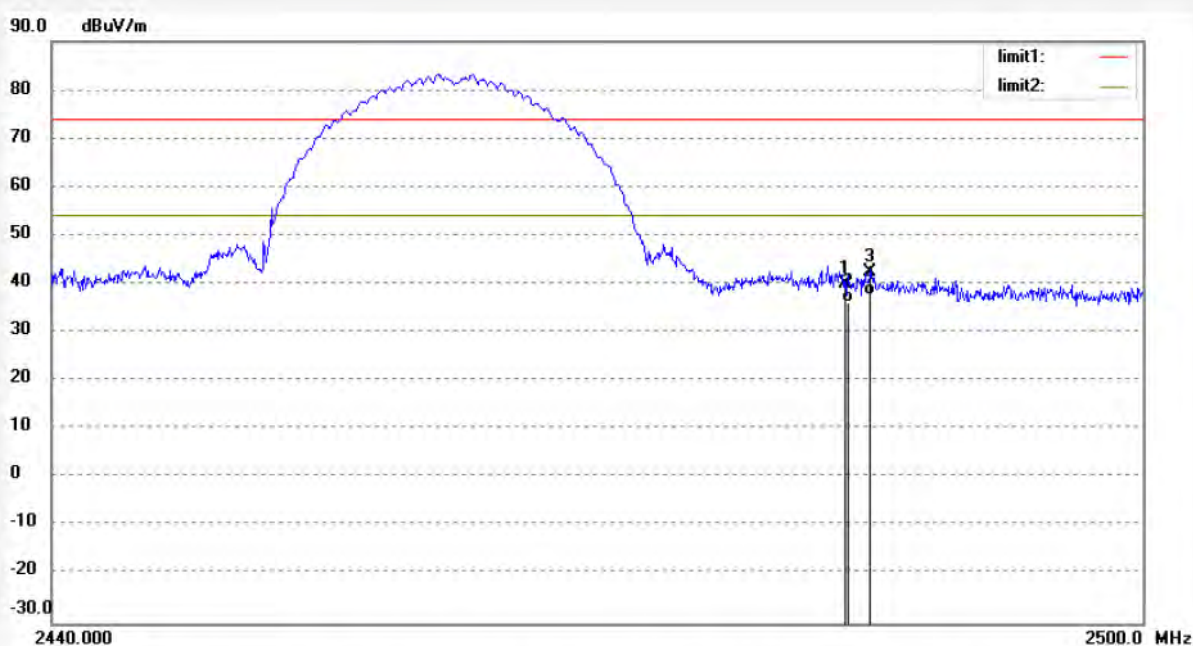
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #59  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 49 %  
EUT: 7 inch tablet  
Mode: TX Channel 11(802.11b)  
Model: EGP114  
Manufacturer: E-matic

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/17/  
Time: 19/14/03  
Engineer Signature: Ricky  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	47.37	-7.37	40.00	74.00	-34.00	peak			
2	2483.500	43.38	-7.37	36.01	54.00	-17.99	AVG			
3	2484.893	49.87	-7.38	42.49	74.00	-31.51	peak			
4	2484.893	44.98	-7.38	37.60	54.00	-16.40	AVG			



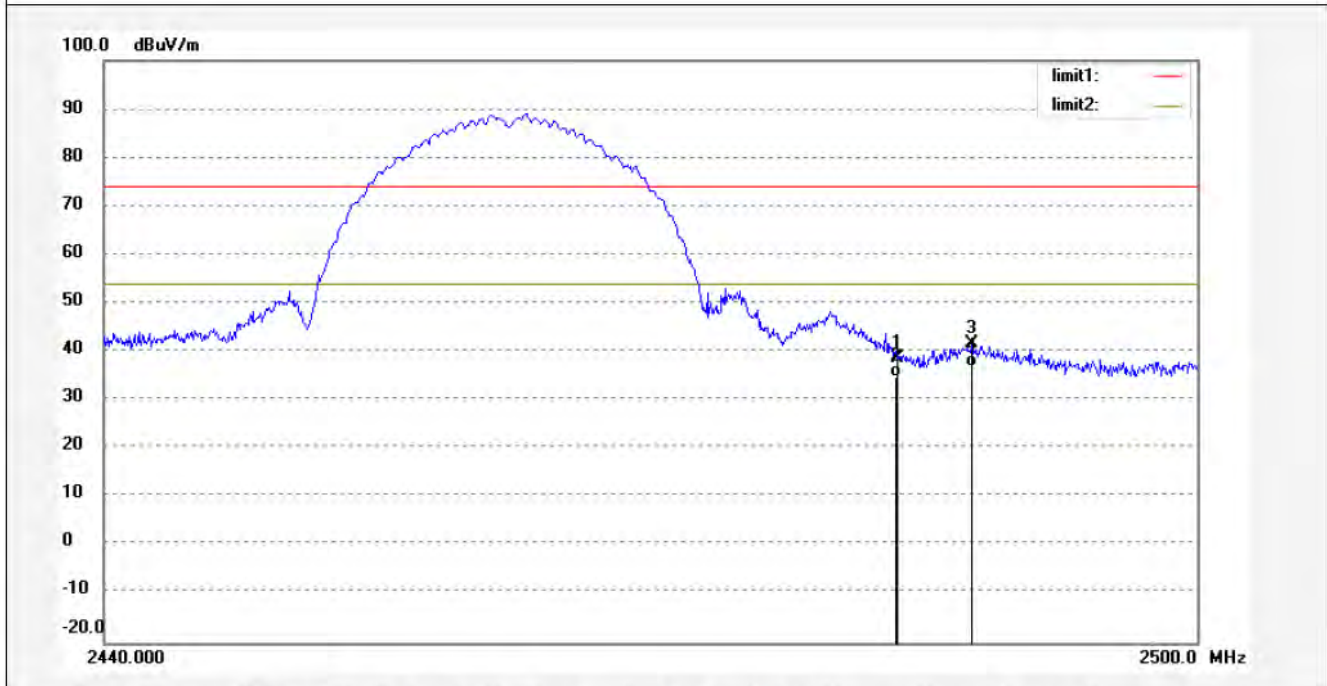
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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #60	Polarization: Vertical
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/15/59
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 12(802.11b)	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.01	-7.37	38.64	74.00	-35.36	peak			
2	2483.500	42.11	-7.37	34.74	54.00	-19.26	AVG			
3	2487.556	48.98	-7.38	41.60	74.00	-32.40	peak			
4	2487.556	44.36	-7.38	36.98	54.00	-17.02	AVG			



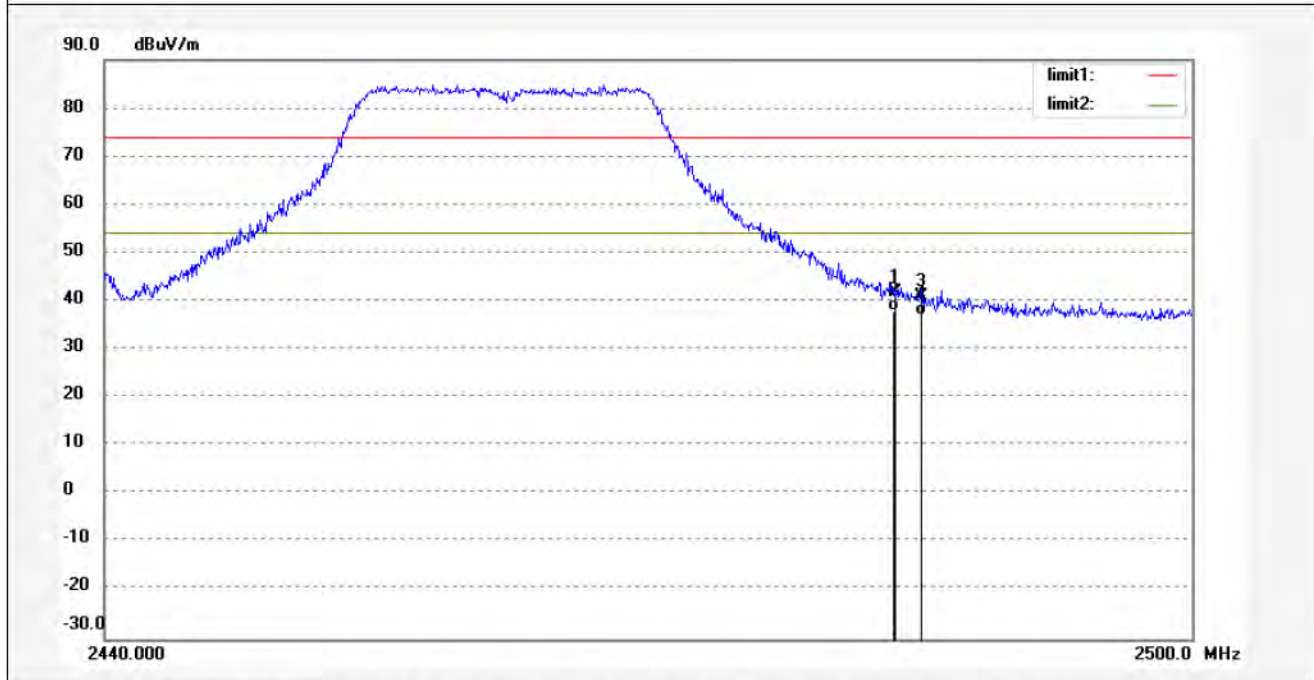
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #61	Polarization: Vertical
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/17/52
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 11(802.11g)	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	49.22	-7.37	41.85	74.00	-32.15	peak			
2	2483.500	45.27	-7.37	37.90	54.00	-16.10	AVG			
3	2484.954	48.41	-7.38	41.03	74.00	-32.97	peak			
4	2484.954	44.56	-7.38	37.18	54.00	-16.82	AVG			





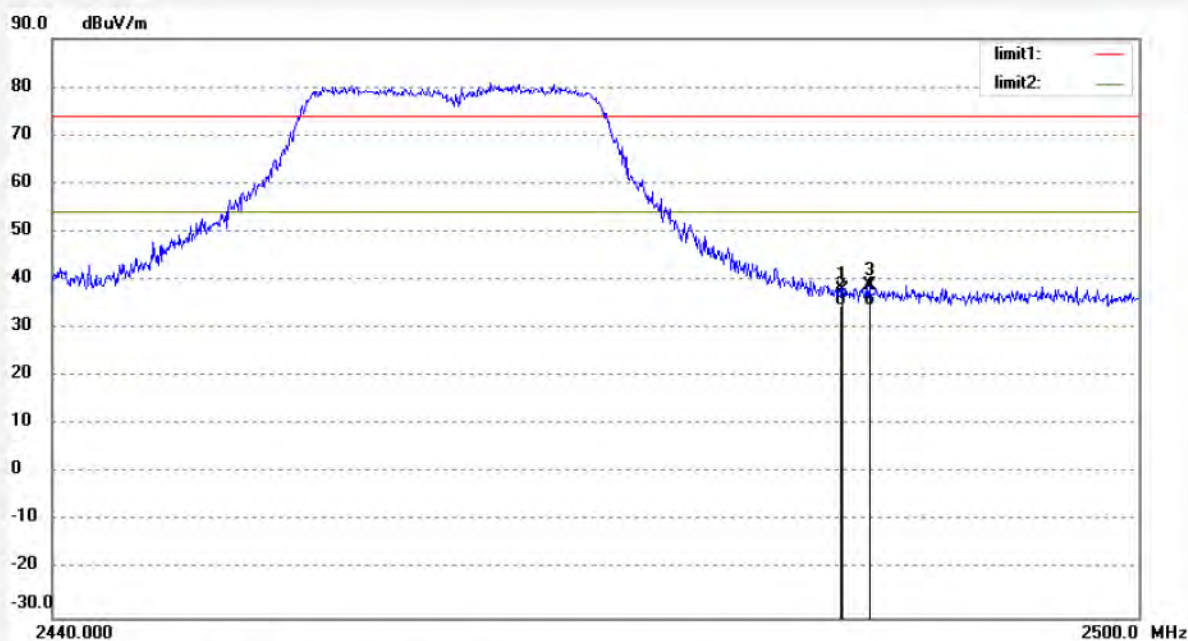
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #62	Polarization: Horizontal
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/19/19
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 11(802.11g)	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	45.38	-7.37	38.01	74.00	-35.99	peak			
2	2483.500	42.00	-7.37	34.63	54.00	-19.37	AVG			
3	2485.014	46.35	-7.38	38.97	74.00	-35.03	peak			
4	2485.014	41.89	-7.38	34.51	54.00	-19.49	AVG			



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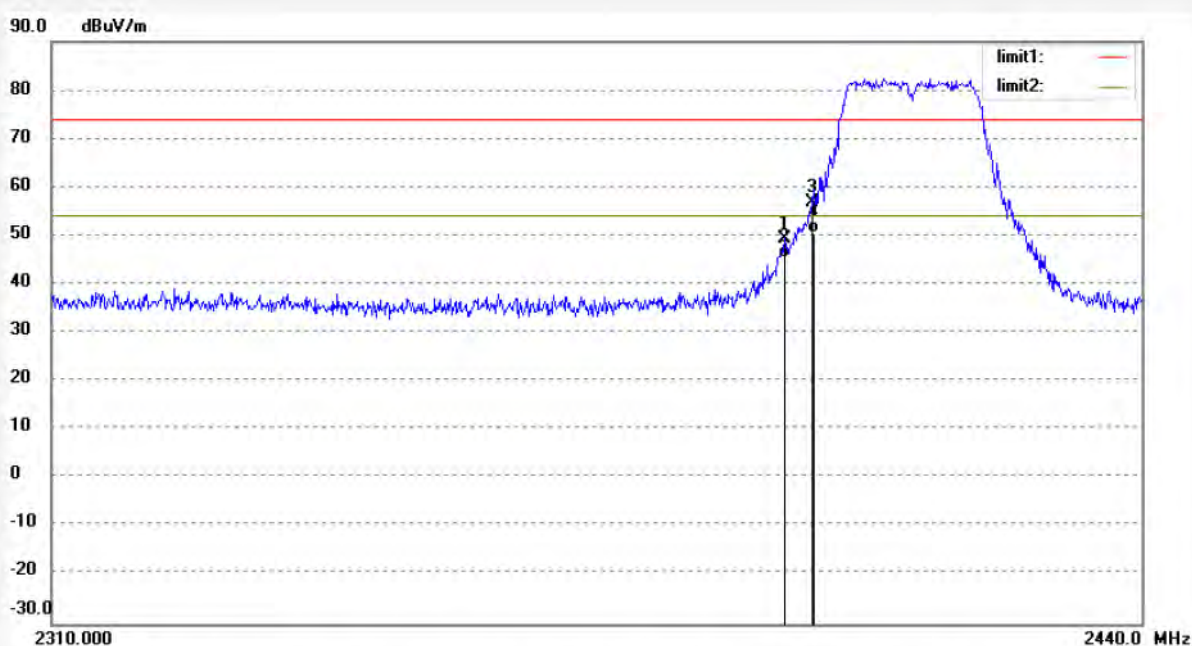
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #63  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 49 %  
EUT: 7 inch tablet  
Mode: TX Channel 1(802.11g)  
Model: EGP114  
Manufacturer: E-matic

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/17/  
Time: 19/21/28  
Engineer Signature: Ricky  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2396.618	56.78	-7.48	49.30	74.00	-24.70	peak			
2	2396.618	52.99	-7.48	45.51	54.00	-8.49	AVG			
3	2400.000	64.21	-7.46	56.75	74.00	-17.25	peak			
4	2400.000	58.03	-7.46	50.57	54.00	-3.43	AVG			



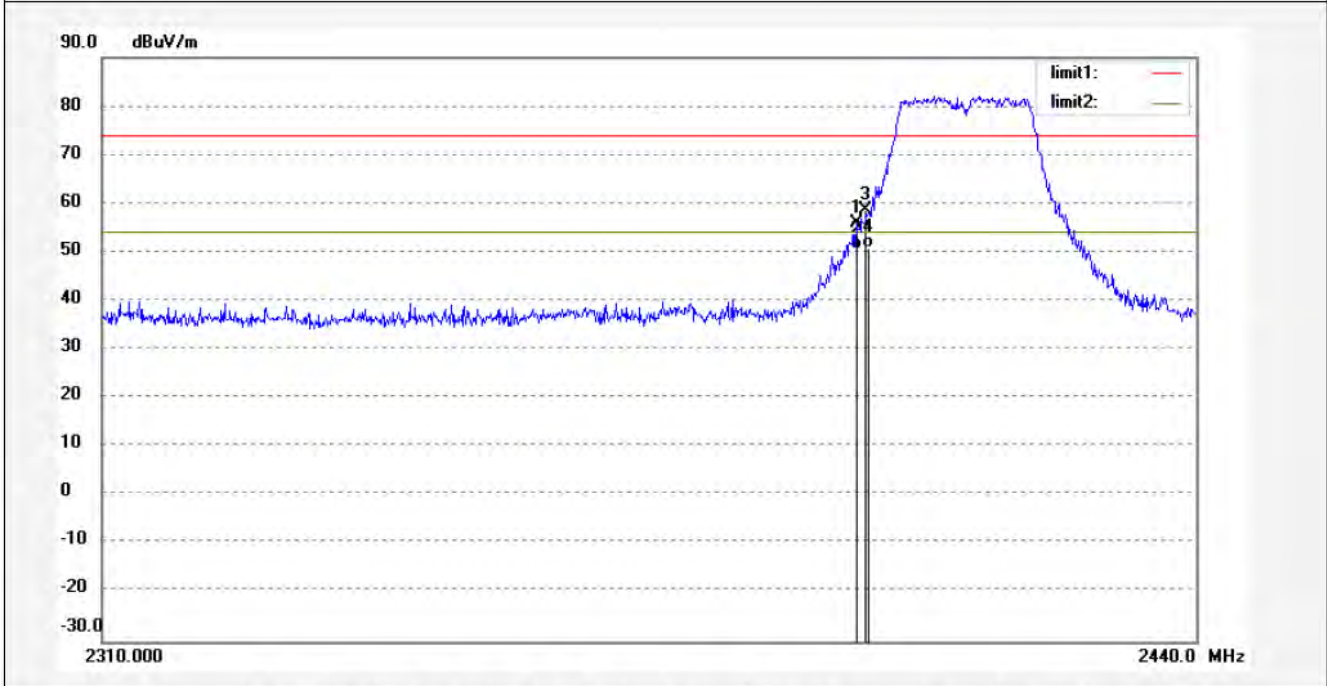
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #64	Polarization: Vertical
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/24/20
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 1(802.11g)	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.855	63.33	-7.46	55.87	74.00	-18.13	peak			
2	2398.855	58.15	-7.46	50.69	54.00	-3.31	AVG			
3	2400.000	66.19	-7.46	58.73	74.00	-15.27	peak			
4	2400.000	58.24	-7.46	50.78	54.00	-3.22	AVG			





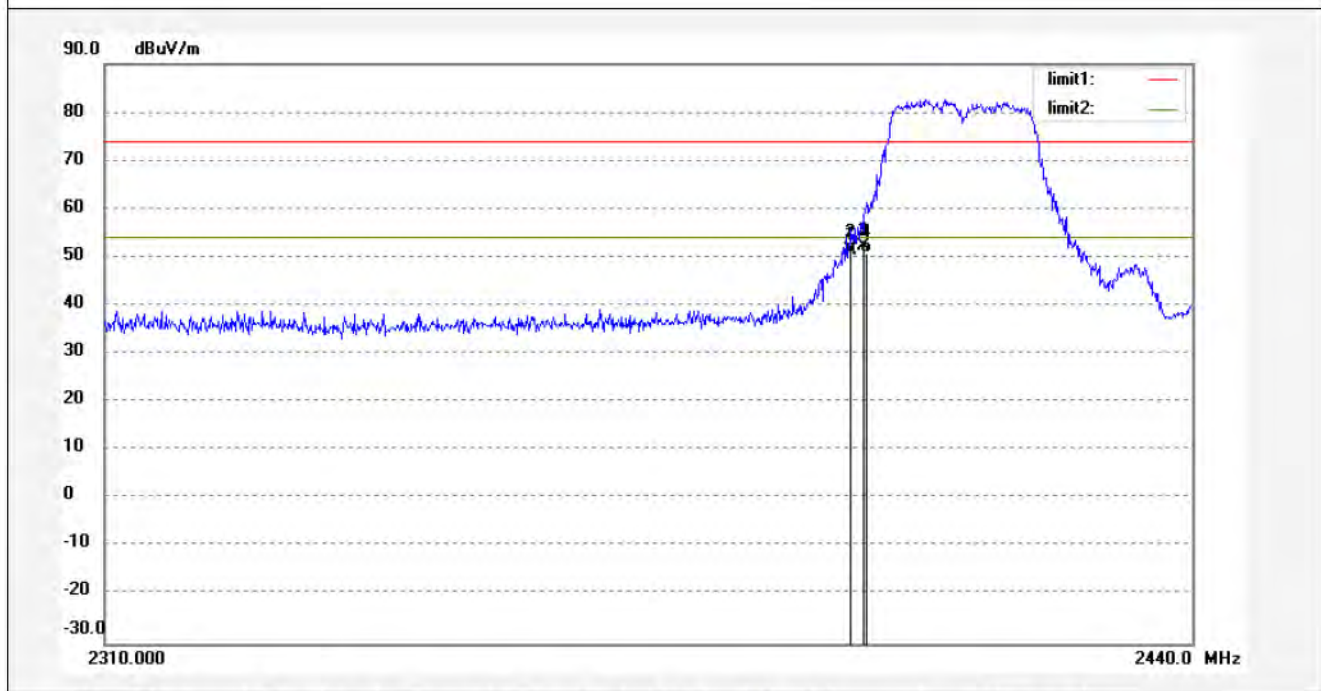
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Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #65	Polarization: Vertical
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/26/49
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 1(802.11n)20MHz	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.460	58.78	-7.47	51.31	74.00	-22.69	peak			
2	2398.460	58.24	-7.47	50.77	54.00	-3.23	AVG			
3	2400.000	59.79	-7.46	52.33	74.00	-21.67	peak			
4	2400.000	58.28	-7.46	50.82	54.00	-3.18	AVG			



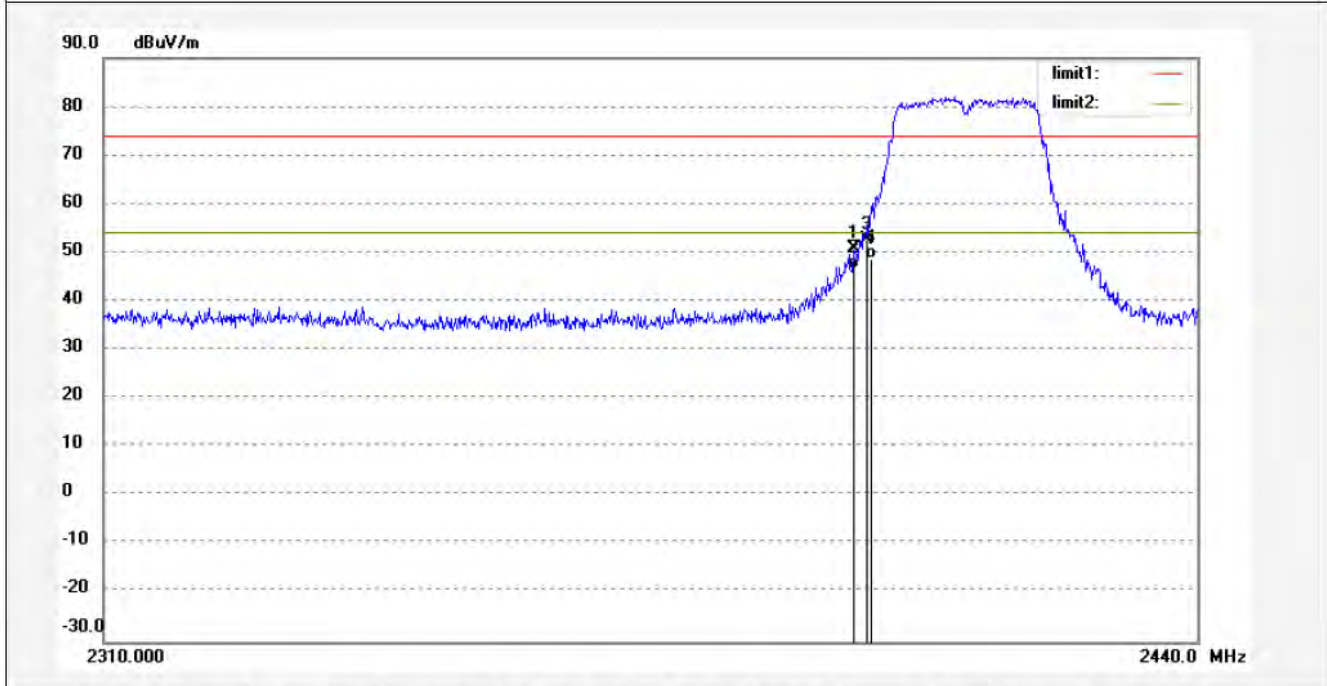
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #66	Polarization: Horizontal
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/27/59
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 1(802.11n)20MHz	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.328	58.22	-7.47	50.75	74.00	-23.25	peak			
2	2398.328	54.21	-7.47	46.74	54.00	-7.26	AVG			
3	2400.000	60.18	-7.46	52.72	74.00	-21.28	peak			
4	2400.000	56.34	-7.46	48.88	54.00	-5.12	AVG			



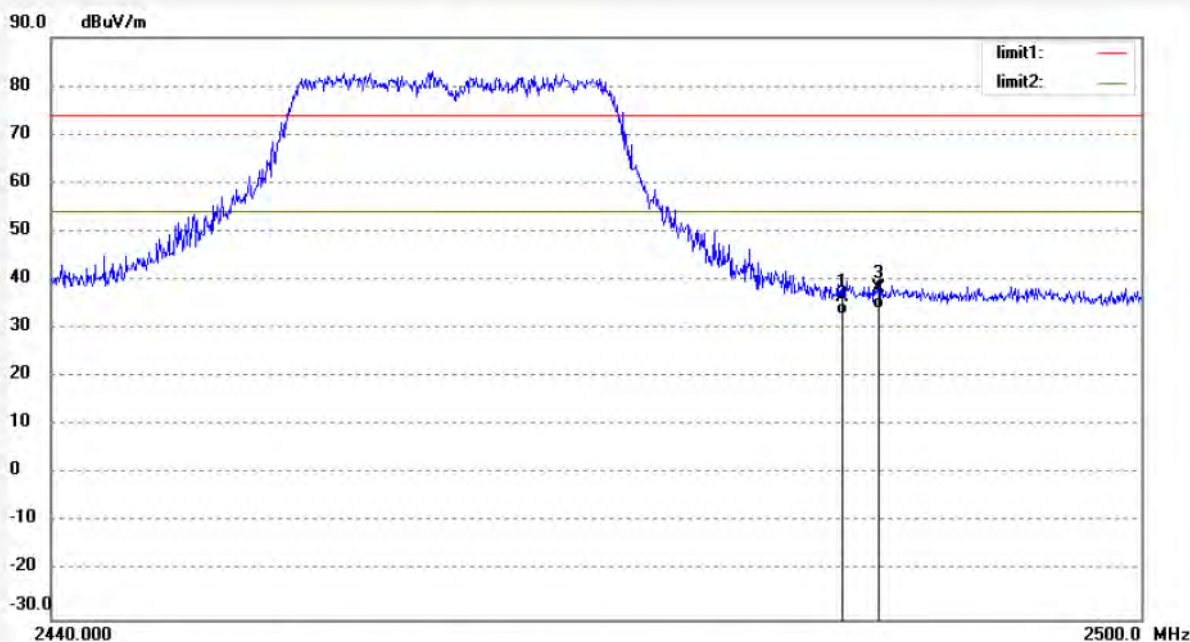
**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #67	Polarization: Horizontal
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/30/12
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 11(802.11n)20MHz	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	43.78	-7.37	36.41	74.00	-37.59	peak			
2	2483.500	40.18	-7.37	32.81	54.00	-21.19	AVG			
3	2485.438	45.55	-7.38	38.17	74.00	-35.83	peak			
4	2485.438	41.37	-7.38	33.99	54.00	-20.01	AVG			





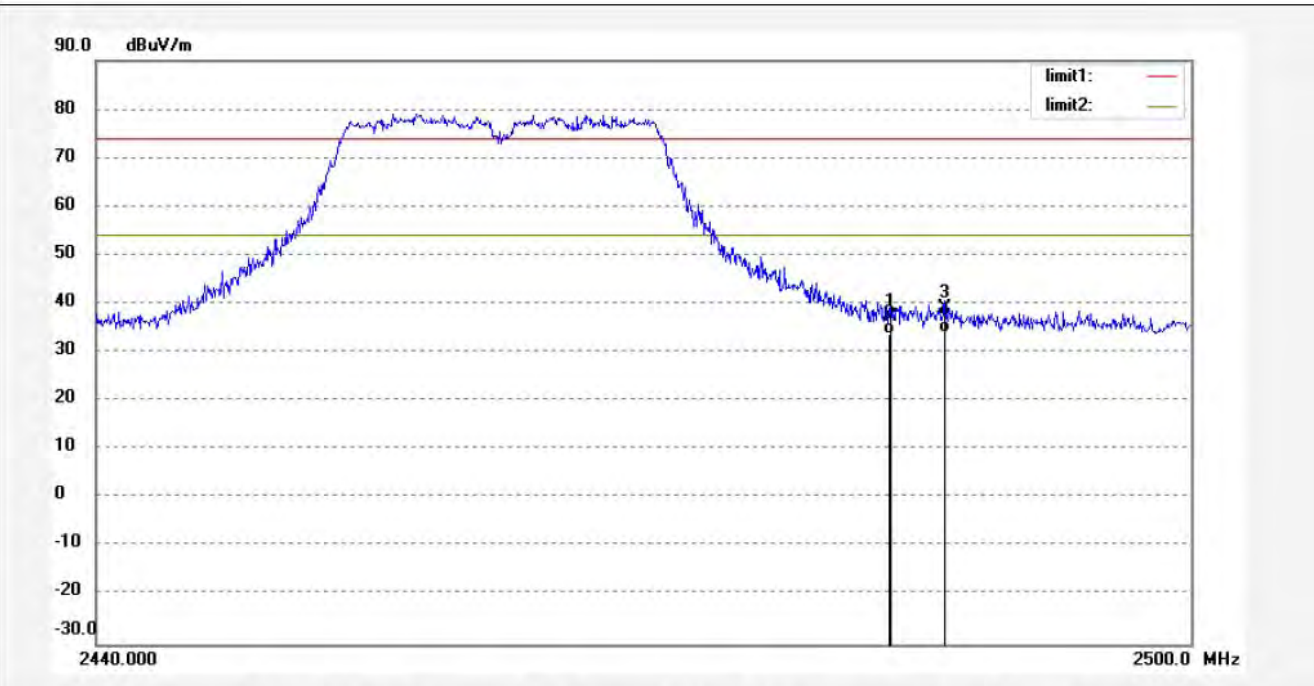
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #68	Polarization: Vertical
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/34/16
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 11(802.11n)20MHz	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	44.71	-7.37	37.34	74.00	-36.66	peak			
2	2483.500	41.03	-7.37	33.66	54.00	-20.34	AVG			
3	2486.406	46.55	-7.39	39.16	74.00	-34.84	peak			
4	2486.406	41.37	-7.39	33.98	54.00	-20.02	AVG			


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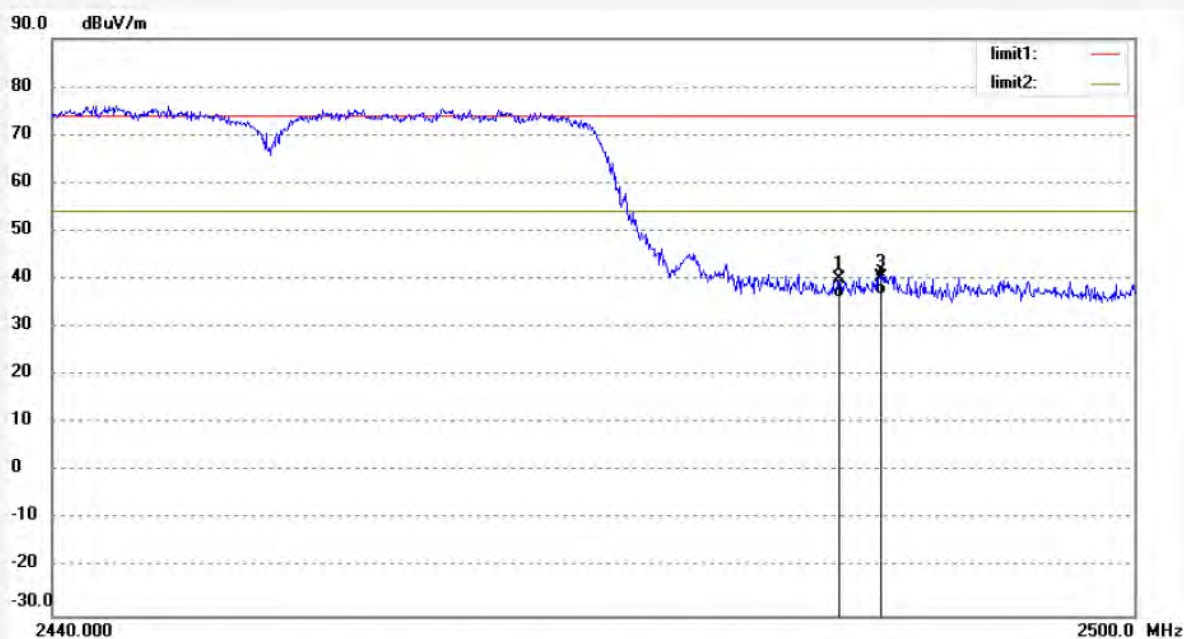
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 1# Chamber  
 Tel:+86-0755-26503290  
 Fax:+86-0755-26503396

 Job No.: RUCKY6 #69  
 Standard: FCC 15C  
 Test item: Radiation Test  
 Temp.( C)/Hum.(%) 23 C / 49 %  
 EUT: 7 inch tablet  
 Mode: TX Channel 9(802.11n)40MHz  
 Model: EGP114  
 Manufacturer: E-matic

 Polarization: Vertical  
 Power Source: AC 120V/60Hz  
 Date: 13/04/17/  
 Time: 19/37/16  
 Engineer Signature: Ricky  
 Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	47.39	-7.37	40.02	74.00	-33.98	peak			
2	2483.500	43.45	-7.37	36.08	54.00	-17.92	AVG			
3	2485.861	47.61	-7.38	40.23	74.00	-33.77	peak			
4	2485.861	44.12	-7.38	36.74	54.00	-17.26	AVG			





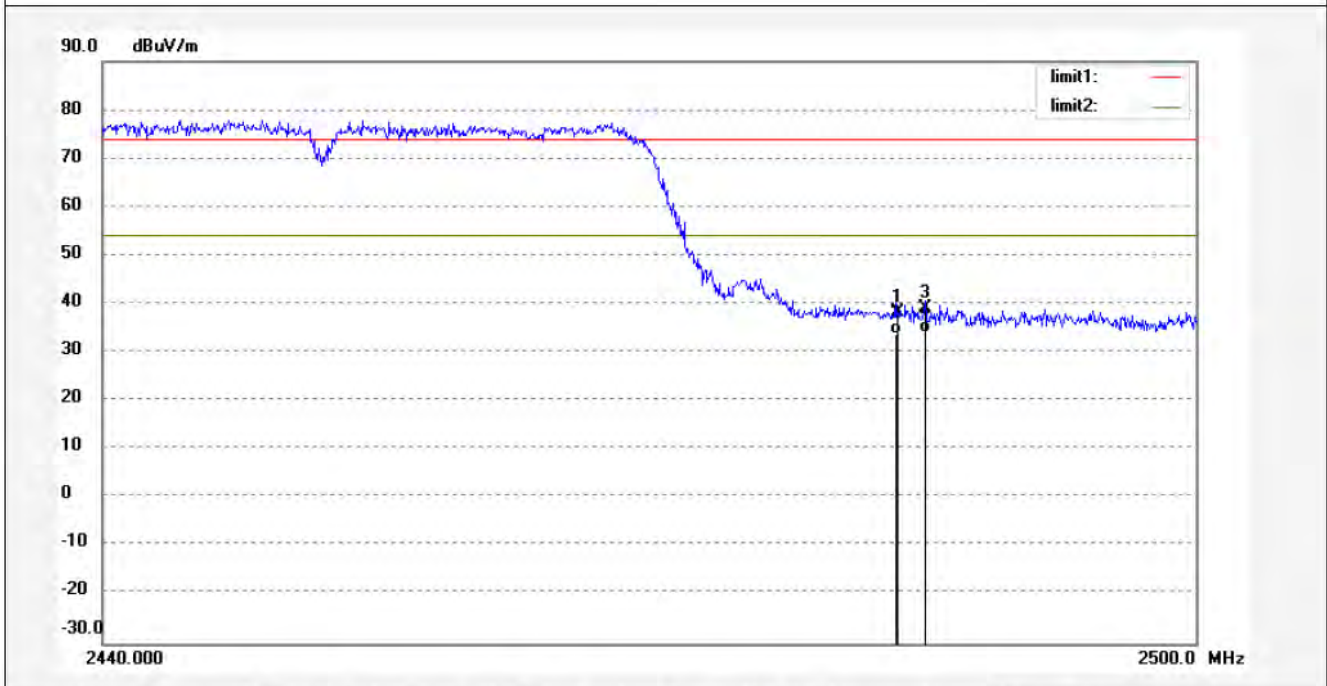
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: RUCKY6 #70	Polarization: Horizontal
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/17/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 19/38/49
EUT: 7 inch tablet	Engineer Signature: Ricky
Mode: TX Channel 9(802.11n)40MHz	Distance: 3m
Model: EGP114	
Manufacturer: E-matic	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	45.67	-7.37	38.30	74.00	-35.70	peak			
2	2483.500	41.23	-7.37	33.86	54.00	-20.14	AVG			
3	2485.014	46.68	-7.38	39.30	74.00	-34.70	peak			
4	2485.014	41.36	-7.38	33.98	54.00	-20.02	AVG			


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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: RUCKY6 #71

Standard: FCC 15C

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7 inch tablet

Mode: TX Channel 3(802.11n)40MHz

Model: EGP114

Manufacturer: E-matic

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/17/

Time: 19/40/53

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.460	52.21	-7.47	44.74	74.00	-29.26	peak			
2	2398.460	49.68	-7.47	42.21	54.00	-11.79	AVG			
3	2400.000	51.21	-7.46	43.75	74.00	-30.25	peak			
4	2400.000	47.35	-7.46	39.89	54.00	-14.11	AVG			


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: RUCKY6 #72

Standard: FCC 15C

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7 inch tablet

Mode: TX Channel 3(802.11n)40MHz

Model: EGP114

Manufacturer: E-matic

Polarization: Vertical

Power Source: AC 120V/60Hz

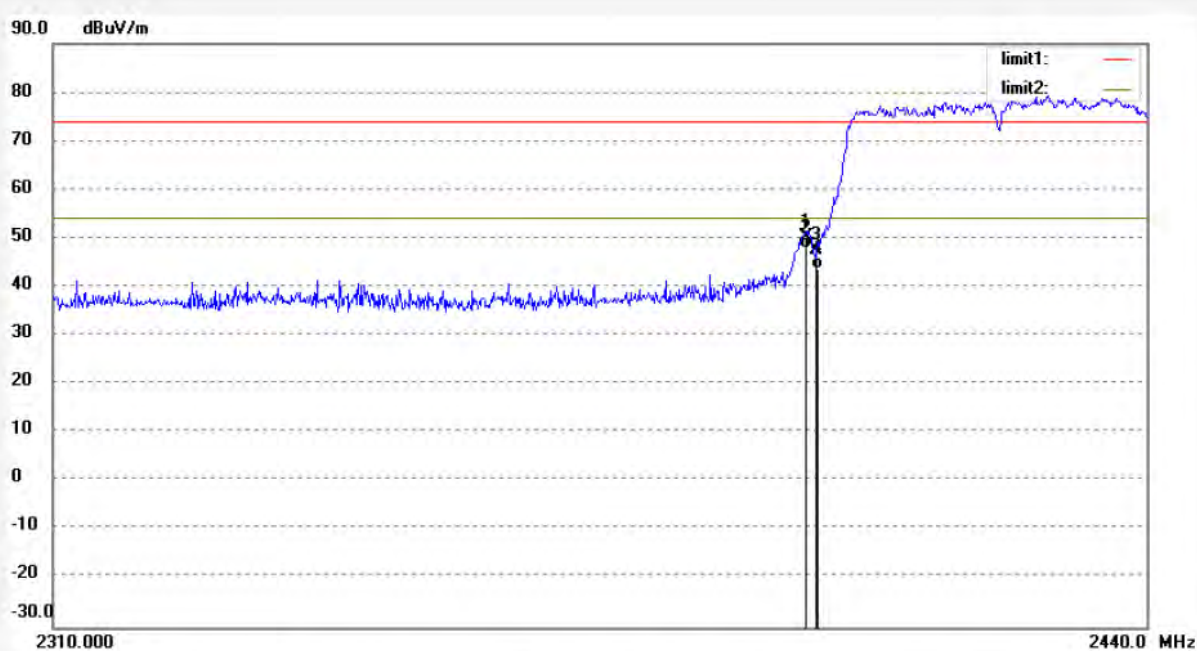
Date: 13/04/17/

Time: 19/43/03

Engineer Signature: Ricky

Distance: 3m

Note:

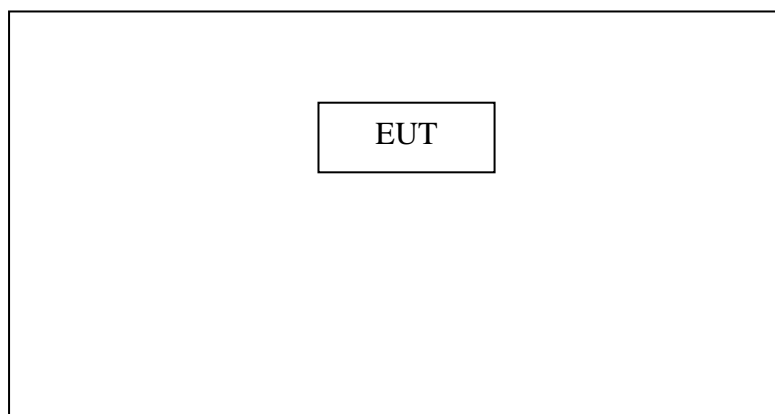


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.723	57.68	-7.47	50.21	74.00	-23.79	peak			
2	2398.723	55.46	-7.47	47.99	54.00	-6.01	AVG			
3	2400.000	54.99	-7.46	47.53	74.00	-26.47	peak			
4	2400.000	51.21	-7.46	43.75	54.00	-10.25	AVG			

## 9. RADIATED SPURIOUS EMISSION TEST

### 9.1. Block Diagram of Test Setup

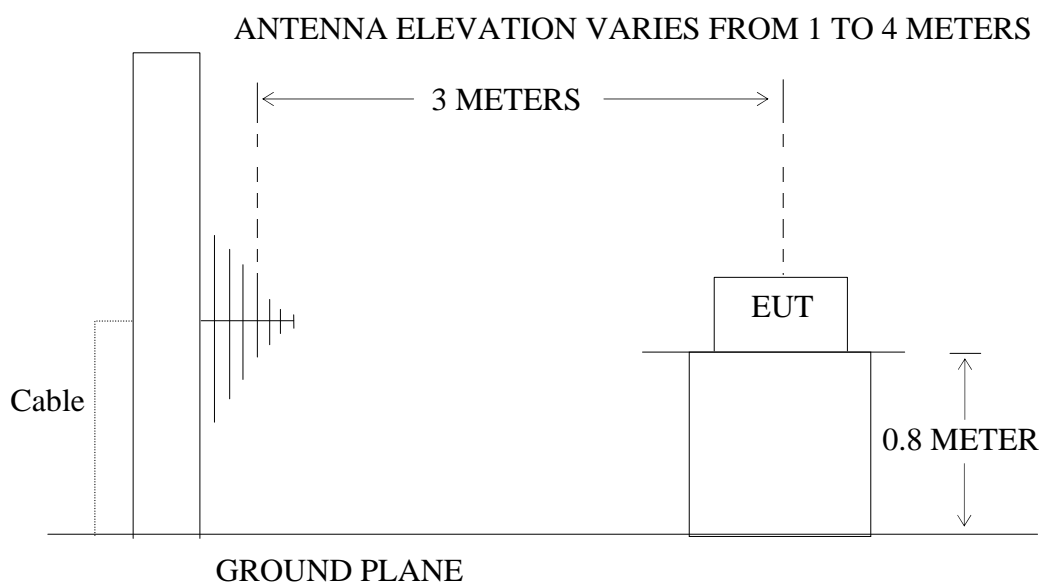
#### 9.1.1. Block diagram of connection between the EUT and peripherals



Setup: Transmitting mode

(EUT: 7 inch tablet)

#### 9.1.2. Semi-Anechoic Chamber Test Setup Diagram



(EUT: 7 inch tablet)



## 9.2.The Limit For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

## 9.3.Restricted bands of operation

### 9.3.1.FCC Part 15.205 Restricted bands of operation

(a) Except as shown in paragraph (d) of this section, Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	( <sup>2</sup> )
13.36-13.41			

<sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510

<sup>2</sup>Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emission appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000MHz, Compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

## 9.4. Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

### 9.4.1.7 inch tablet(EUT)

Model Number : EGP114  
 Serial Number : N/A  
 Manufacturer : Acuce Co., Ltd

## 9.5. Operating Condition of EUT

9.5.1. Setup the EUT and simulator as shown as Section 9.1.

9.5.2. Turn on the power of all equipment.

9.5.3. Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

## 9.6. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The worst-case data rate for this channel to be 1Mbps for 802.11b mode and 6Mbps for 802.11g mode and 300Mbps for 802.11n mode, based on previous with 802.11 WLAN product design architectures.

The bandwidth of test receiver is set at 9 kHz in below 30MHz. and set at 120 kHz in 30-1000MHz, and 1MHz in above 1000MHz.

The frequency range from 9 kHz to 25GHz is checked.

The final measurement in band 9-90 kHz, 110-490 kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

The field strength is calculated by adding the antenna factor, and cable loss, and subtracting the amplifier gain from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

Where Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

## 9.7. The Field Strength of Radiation Emission Measurement Results

**PASS.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11b Channel Low 2412MHz</u>	Test Engineer:	<u>Ricky</u>

### For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

### For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
45.8943	20.88	14.45	35.33	40.00	-4.67	Vertical
189.1074	25.27	13.86	39.13	43.50	-4.37	Vertical
283.2635	23.55	18.38	41.93	46.00	-4.07	Vertical
75.5858	23.33	11.37	34.70	40.00	-5.30	Horizontal
182.5783	24.07	13.46	37.53	43.50	-5.97	Horizontal
291.3387	23.84	18.61	42.45	46.00	-3.55	Horizontal

### For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4824.000	---	---	---	---	---	---	---	---	---	Vertical
4824.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**

**2. \*: Denotes restricted band of operation.**

**3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11b Channel Middle 2437MHz</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
140.7767	20.86	11.49	32.35	43.50	-11.15	Vertical
349.7411	18.25	20.75	39.00	46.00	-7.00	Vertical
478.1394	16.30	23.81	40.11	46.00	-5.89	Vertical
213.8532	25.40	14.50	39.90	43.50	-3.60	Horizontal
291.3387	21.92	18.61	40.53	46.00	-5.47	Horizontal
362.2479	20.05	21.35	41.40	46.00	-4.60	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4874.000	---	---	---	---	---	---	---	---	---	Vertical
4874.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.****2. \*: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**



Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11b Channel High 2462MHz</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
140.7767	22.86	11.49	34.35	43.50	-9.15	Vertical
237.6262	24.26	16.78	41.04	46.00	-4.96	Vertical
360.9775	19.08	21.29	40.37	46.00	-5.63	Vertical
283.2635	19.18	18.38	37.56	46.00	-8.44	Horizontal
349.7411	20.98	20.75	41.73	46.00	-4.27	Horizontal
478.1394	18.60	23.81	42.41	46.00	-3.59	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4924.000	---	---	---	---	---	---	---	---	---	Vertical
4924.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.****2. \*: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11g Channel Low 2412MHz</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
135.4395	20.34	12.57	32.91	43.50	-10.59	Vertical
291.3387	18.21	18.61	36.82	46.00	-9.18	Vertical
349.7411	17.75	20.75	38.50	46.00	-7.50	Vertical
235.1346	22.22	16.82	39.04	46.00	-6.96	Horizontal
291.3387	22.92	18.61	41.53	46.00	-4.47	Horizontal
349.7411	20.90	20.75	41.65	46.00	-4.35	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4824.000	---	---	---	---	---	---	---	---	---	Vertical
4824.000	---	---	---	---	---	---	---	---	---	Horizontal

- Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**
- 2. \*: Denotes restricted band of operation.**
- 3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11g Channel Middle 2437MHz</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
75.5858	23.33	11.37	34.70	40.00	-5.30	Vertical
291.3387	23.34	18.61	41.95	46.00	-4.05	Vertical
887.3976	12.47	28.77	41.24	46.00	-4.76	Vertical
45.8943	19.88	14.45	34.33	40.00	-5.67	Horizontal
189.1074	24.77	13.86	38.63	40.00	-4.87	Horizontal
283.2635	23.05	18.38	41.43	40.00	-4.57	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4874.000	---	---	---	---	---	---	---	---	---	Vertical
4874.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.****2. \*: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11g Channel High 2462MHz</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)		Factor(dB) Corr.	Result (dBμV/m)		Limit (dBμV/m)	Margin (dB)		Polarization
	QP			QP			QP		
-	-	-	-	-	-	-	-	-	X
-	-	-	-	-	-	-	-	-	Y
-	-	-	-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)		Factor Corr. (dB)	Result (dBμV/m)		Limit (dBμV/m)	Margin (dB)		Polarization
	QP			QP			QP		
35.1388	15.27		15.66	30.93		40.00	-9.07		Vertical
235.1346	16.92		16.82	33.74		40.00	-12.26		Vertical
349.7411	19.48		20.75	40.23		40.00	-5.77		Vertical
140.7767	23.23		11.40	34.72		43.50	-8.78		Horizontal
212.3557	24.11		14.44	38.55		43.50	-4.95		Horizontal
291.3387	21.49		18.61	40.10		46.00	-5.90		Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4924.000	---	---	---	---	---	---	---	---	---	Vertical
4924.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.****2. \*: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
	<u>802.11n Channel Low 2412MHz</u>		
Test Mode:	<u>(20MHz)</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
139.7906	21.73	11.54	33.27	43.50	-10.23	Vertical
283.2635	21.18	18.38	39.56	46.00	-6.44	Vertical
349.7411	19.48	20.75	40.23	46.00	-5.77	Vertical
35.1388	16.27	15.66	31.93	40.00	-8.07	Horizontal
139.3006	20.68	11.66	32.34	43.50	-11.16	Horizontal
349.7411	21.98	20.75	42.73	46.00	-3.27	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4824.000	---	---	---	---	---	---	---	---	---	Vertical
4824.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**

**2. \*: Denotes restricted band of operation.**

**3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
	<u>802.11n Channel Middle 2437MHz</u>		
Test Mode:	<u>(20MHz)</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dB $\mu$ V/m)	Factor(dB) Corr.	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dB $\mu$ V/m)	Factor Corr. (dB)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
139.7906	21.73	11.54	33.27	43.50	-10.23	Vertical
283.2635	21.18	18.38	39.56	46.00	-6.44	Vertical
349.7411	19.48	20.75	40.23	46.00	-5.77	Vertical
140.7767	23.23	11.49	34.72	43.50	-8.78	Horizontal
217.6434	23.45	15.14	38.59	46.00	-7.41	Horizontal
291.3387	20.99	18.61	39.60	46.00	-6.40	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dB $\mu$ V/m)		Factor Corr. (dB)	Result(dB $\mu$ V/m)		Limit(dB $\mu$ V/m)		Margin(dB $\mu$ V/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4874.000	---	---	---	---	---	---	---	---	---	Vertical
4874.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.****2. \*: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
	<u>802.11n Channel High 2462MHz</u>		
Test Mode:	<u>(20MHz)</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
34.5270	19.45	15.73	35.18	40.00	-4.82	Vertical
182.5783	25.07	13.46	38.53	43.50	-4.97	Vertical
366.0865	19.48	21.48	40.96	46.00	-5.04	Vertical
45.8943	21.38	14.45	35.83	40.00	-4.17	Horizontal
218.4096	23.97	45.32	39.29	46.00	-6.71	Horizontal
283.2635	22.55	18.38	40.93	46.00	-5.07	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4914.000	---	---	---	---	---	---	---	---	---	Vertical
4914.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.****2. \*: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11n Channel Low 2422MHz</u> <u>(40MHz)</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dB $\mu$ V/m)	Factor(dB) Corr.	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dB $\mu$ V/m)	Factor Corr. (dB)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
34.8928	16.57	15.70	32.27	40.00	-7.73	Vertical
135.4395	19.84	12.57	32.41	43.50	-11.09	Vertical
349.7411	19.75	20.75	40.50	46.00	-5.50	Vertical
213.8531	25.40	14.50	39.90	43.50	-3.60	Horizontal
291.3387	23.42	18.61	42.03	46.00	-3.97	Horizontal
362.2479	21.55	21.35	42.90	46.00	-3.10	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dB $\mu$ V/m)		Factor Corr. (dB)	Result(dB $\mu$ V/m)		Limit(dB $\mu$ V/m)		Margin(dB $\mu$ V/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4844.000	---	---	---	---	---	---	---	---	---	Vertical
4844.000	---	---	---	---	---	---	---	---	---	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. \*: Denotes restricted band of operation.

3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.



Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>802.11n Channel Middle 2437MHz</u> <u>(40MHz)</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
34.8928	18.57	15.70	34.27	40.00	-5.73	Vertical
140.7767	24.36	11.49	35.85	43.50	-7.65	Vertical
291.3387	21.21	18.61	39.82	46.00	-6.18	Vertical
35.1388	16.27	15.66	31.93	40.00	-8.07	Horizontal
139.3006	22.68	11.66	34.34	43.50	-9.16	Horizontal
283.2635	20.18	18.38	38.56	46.00	-7.44	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4874.000	---	---	---	---	---	---	---	---	---	Vertical
4874.000	---	---	---	---	---	---	---	---	---	Horizontal

**Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.****2. \*: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	<u>April 15, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 inch tablet</u>	Humidity:	<u>50%</u>
Model No.:	<u>EGP114</u>	Power Supply:	<u>AC 120V/60HZ</u>
	<u>802.11n Channel High 2452MHz</u>		
Test Mode:	<u>(40MHz)</u>	Test Engineer:	<u>Ricky</u>

**For Below 30MHz**

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

**For 30MHz-1000MHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
35.1388	16.77	15.66	32.43	40.00	-7.57	Vertical
139.7906	23.73	11.54	35.27	43.50	-8.23	Vertical
349.7411	19.98	20.75	40.73	46.00	-5.27	Vertical
139.3006	23.43	11.66	35.09	43.50	-8.41	Horizontal
214.6063	24.17	14.52	38.69	43.50	-4.81	Horizontal
360.9775	17.73	21.29	39.02	46.00	-6.98	Horizontal

**For 1GHz-25GHz**

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
4904.000	---	---	---	---	---	---	---	---	---	Vertical
4904.000	---	---	---	---	---	---	---	---	---	Horizontal

- Note:**
1. Emissions attenuated more than 20 dB below the permissible value are not reported.
  2. \*: Denotes restricted band of operation.
  3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.



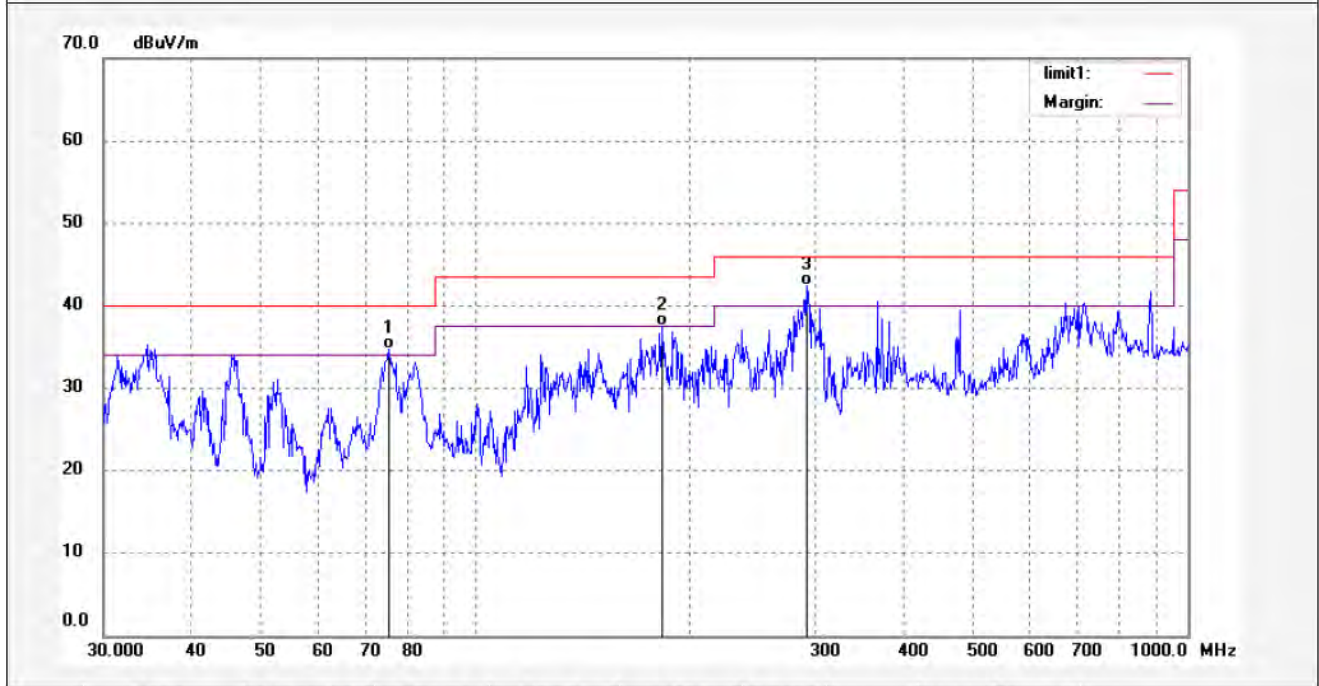
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Job No.: RUCKY5 #1	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 8/54/58
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11B (CH1)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	75.5858	23.33	11.37	34.70	40.00	-5.30	QP			
2	182.5783	24.07	13.46	37.53	43.50	-5.97	QP			
3	291.3387	23.84	18.61	42.45	46.00	-3.55	QP			



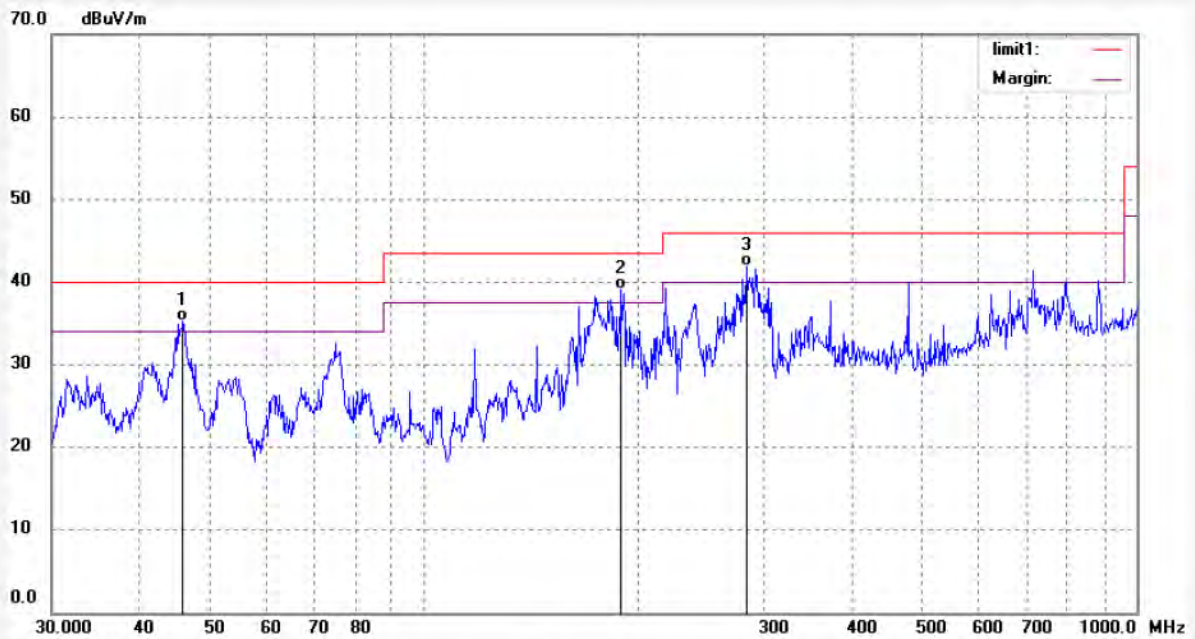
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Job No.: RUCKY5 #2	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 8/57/31
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11B (CH1)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	45.8943	20.88	14.45	35.33	40.00	-4.67	QP			
2	189.1074	25.27	13.86	39.13	43.50	-4.37	QP			
3	283.2635	23.55	18.38	41.93	46.00	-4.07	QP			





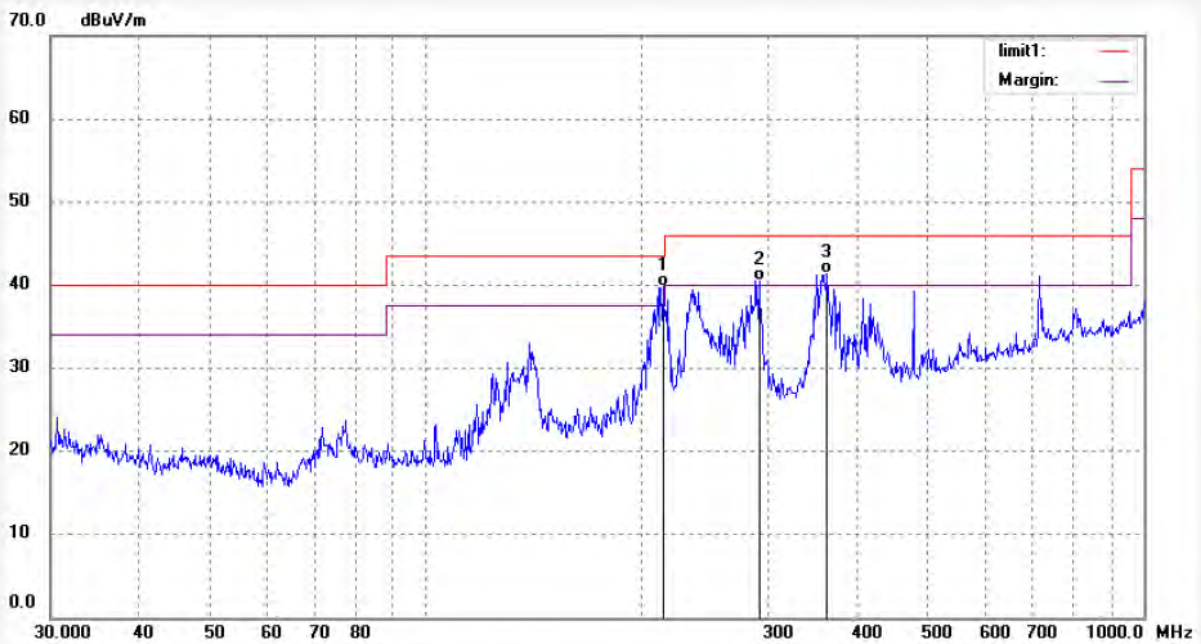
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Job No.: RUCKY5 #3	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/03/25
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11B (CH6)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.8532	25.40	14.50	39.90	43.50	-3.60	QP			
2	291.3387	21.92	18.61	40.53	46.00	-5.47	QP			
3	362.2479	20.05	21.35	41.40	46.00	-4.60	QP			



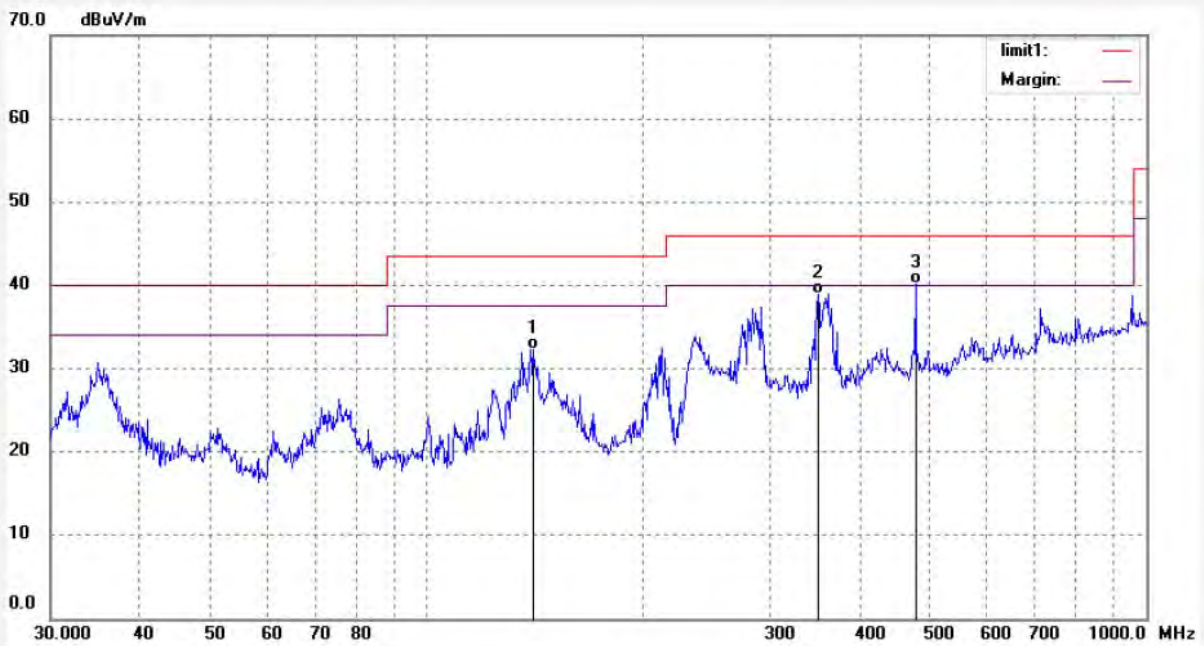
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Job No.: RUCKY5 #4	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/06/11
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11B (CH6)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	140.7767	20.86	11.49	32.35	43.50	-11.15	QP			
2	349.7411	18.25	20.75	39.00	46.00	-7.00	QP			
3	478.1394	16.30	23.81	40.11	46.00	-5.89	QP			



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Job No.: RUCKY5 #5	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/14/23
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11B (CH11)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	140.7767	22.86	11.49	34.35	43.50	-9.15	QP			
2	237.6262	24.26	16.78	41.04	46.00	-4.96	QP			
3	360.9775	19.08	21.29	40.37	46.00	-5.63	QP			





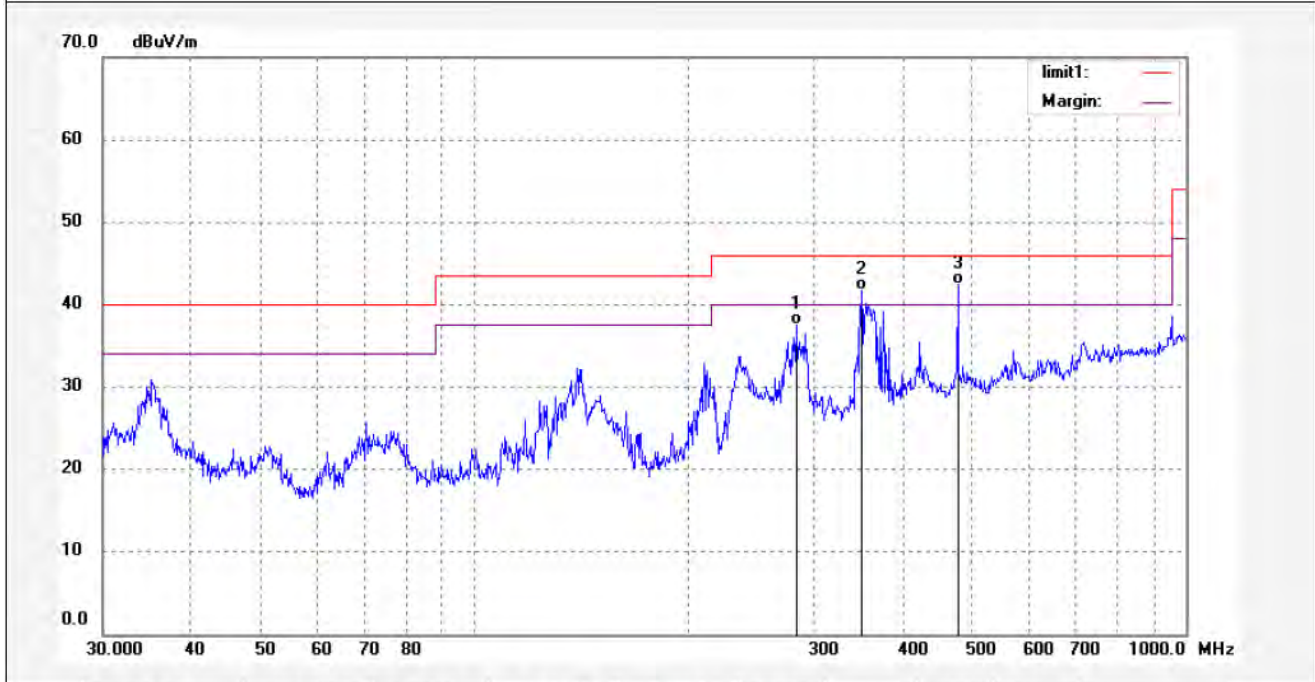
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Job No.: RUCKY5 #6	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/18/11
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11B (CH11)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	283.2635	19.18	18.38	37.56	46.00	-8.44	QP			
2	349.7411	20.98	20.75	41.73	46.00	-4.27	QP			
3	478.1394	18.60	23.81	42.41	46.00	-3.59	QP			





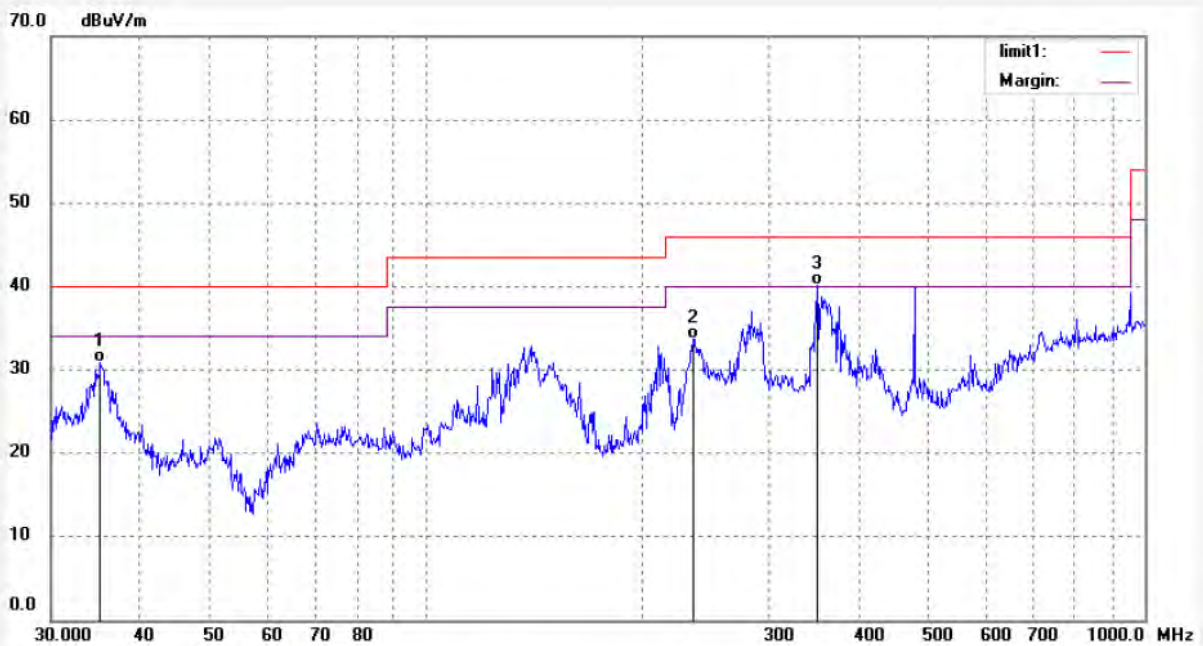
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Job No.: RUCKY5 #7	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/21/22
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11G (CH11)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.1388	15.27	15.66	30.93	40.00	-9.07	QP			
2	235.1346	16.92	16.82	33.74	46.00	-12.26	QP			
3	349.7411	19.48	20.75	40.23	46.00	-5.77	QP			



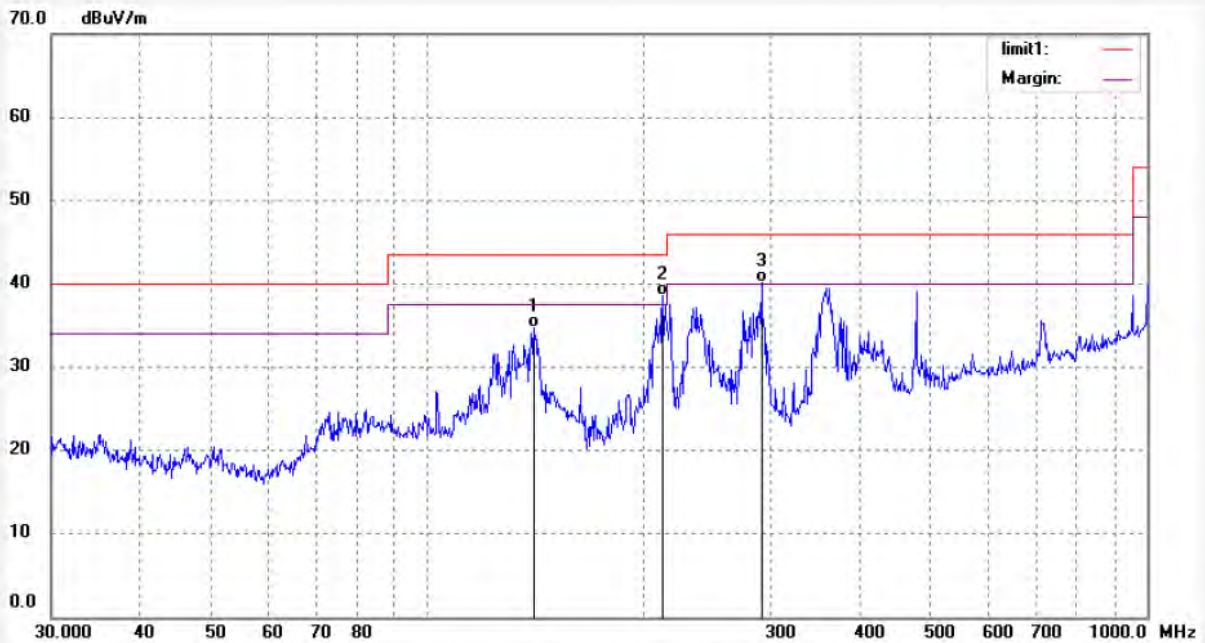
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Job No.: RUCKY5 #8	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/25/03
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11G (CH11)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	140.7767	23.23	11.49	34.72	43.50	-8.78	QP			
2	212.3557	24.11	14.44	38.55	43.50	-4.95	QP			
3	291.3387	21.49	18.61	40.10	46.00	-5.90	QP			



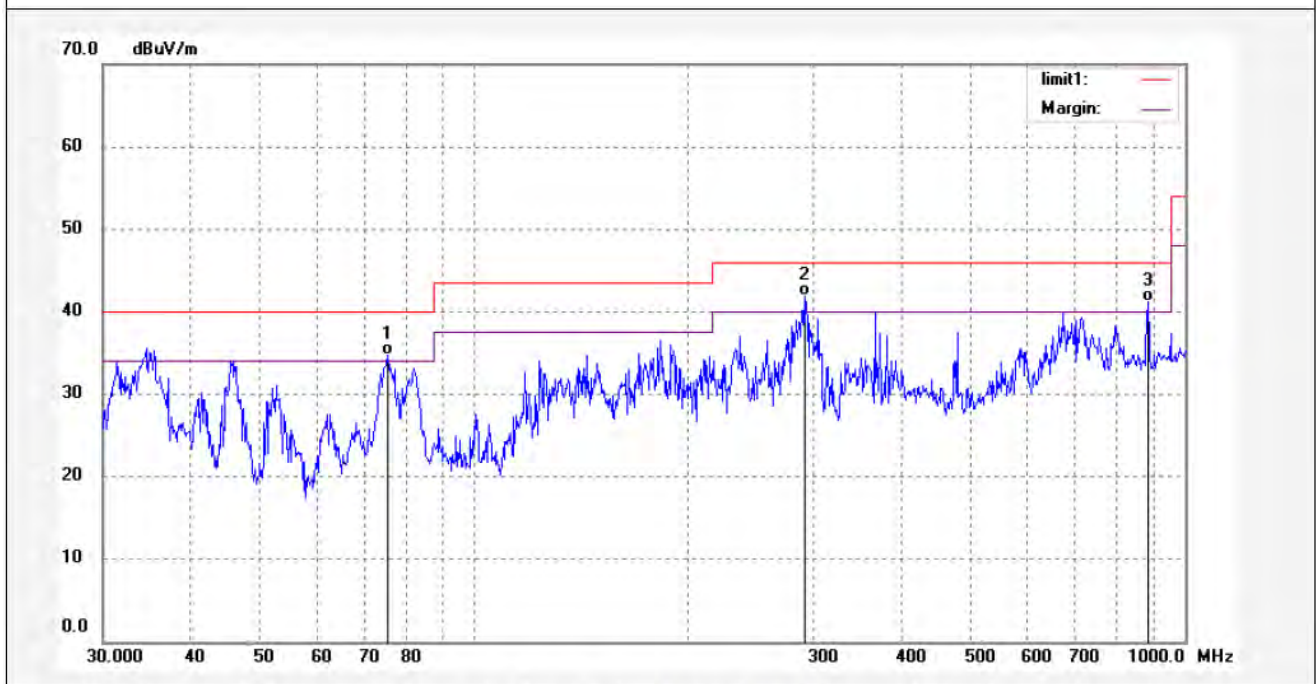
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Job No.: RUCKY5 #9	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/27/31
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11G (CH6)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	75.5858	23.33	11.37	34.70	40.00	-5.30	QP			
2	291.3387	23.34	18.61	41.95	46.00	-4.05	QP			
3	887.3976	12.47	28.77	41.24	46.00	-4.76	QP			





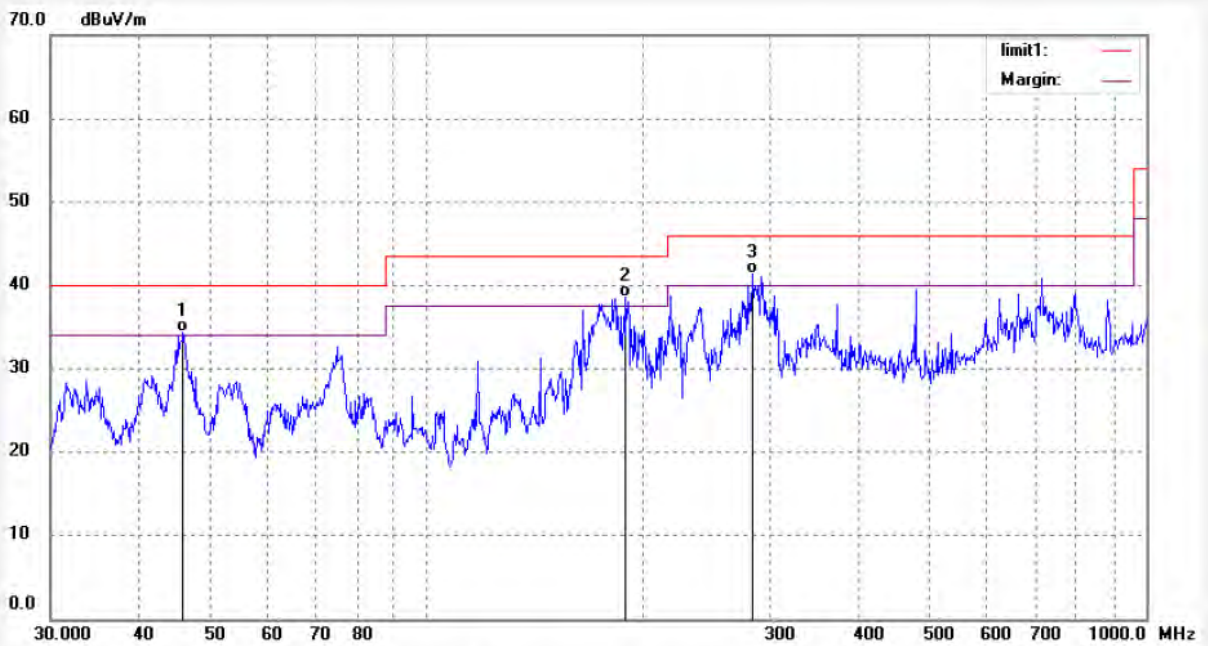
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Job No.: RUCKY5 #10	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/30/55
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11G (CH6)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	45.8943	19.88	14.45	34.33	40.00	-5.67	QP			
2	189.1074	24.77	13.86	38.63	43.50	-4.87	QP			
3	283.2635	23.05	18.38	41.43	46.00	-4.57	QP			



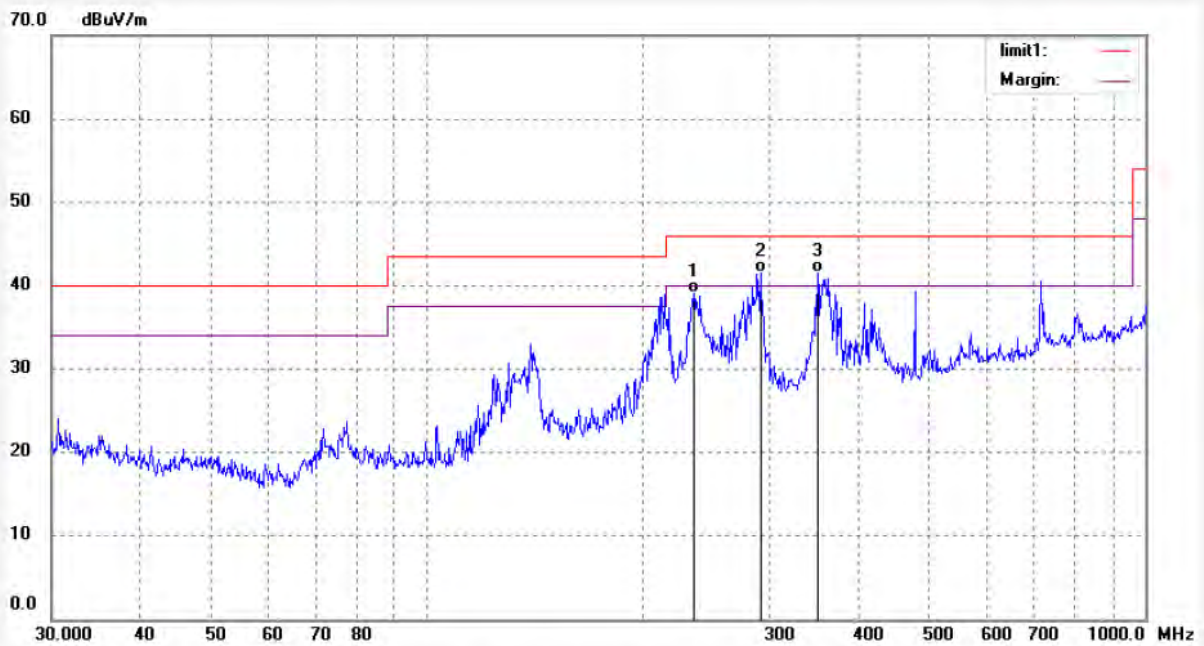
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Job No.: RUCKY5 #11	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/34/21
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11G (CH1)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	235.1346	22.22	16.82	39.04	46.00	-6.96	QP			
2	291.3387	22.92	18.61	41.53	46.00	-4.47	QP			
3	349.7411	20.90	20.75	41.65	46.00	-4.35	QP			



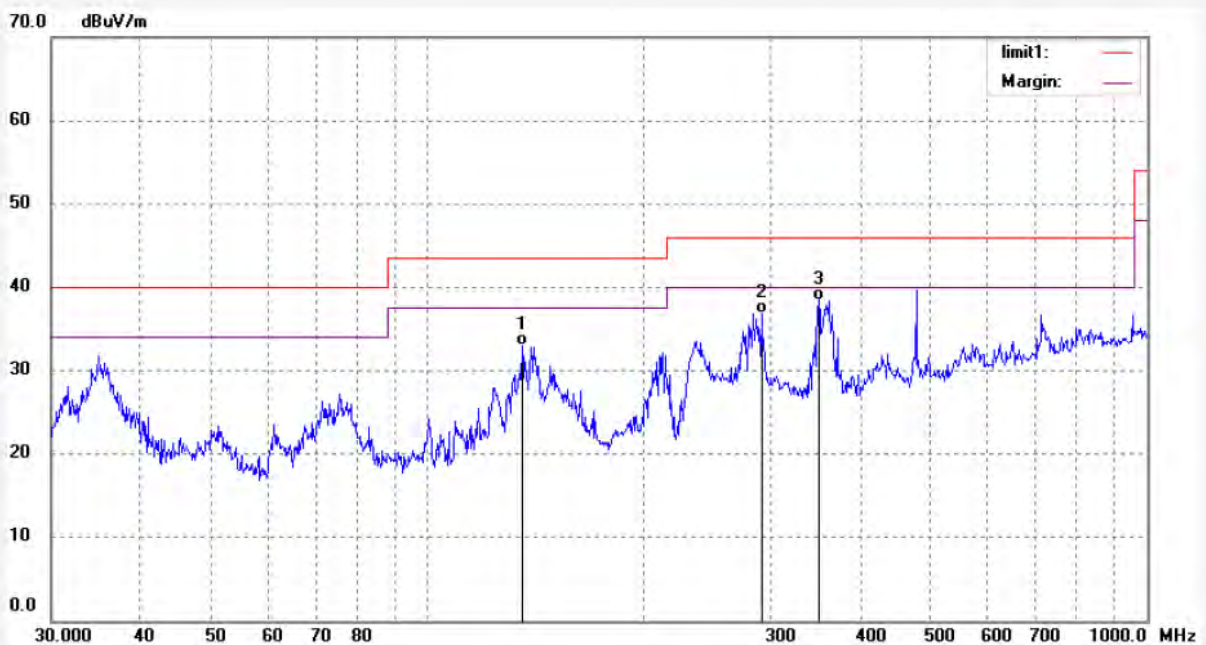
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Job No.: RUCKY5 #12	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/38/12
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11G (CH1)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	135.4395	20.34	12.57	32.91	43.50	-10.59	QP			
2	291.3387	18.21	18.61	36.82	46.00	-9.18	QP			
3	349.7411	17.75	20.75	38.50	46.00	-7.50	QP			





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Job No.: RUCKY5 #13	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/41/33
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N20 (CH1)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	140.7767	22.86	11.49	34.35	43.50	-9.15	QP			
2	237.6262	23.76	16.78	40.54	46.00	-5.46	QP			
3	360.9775	18.08	21.29	39.37	46.00	-6.63	QP			



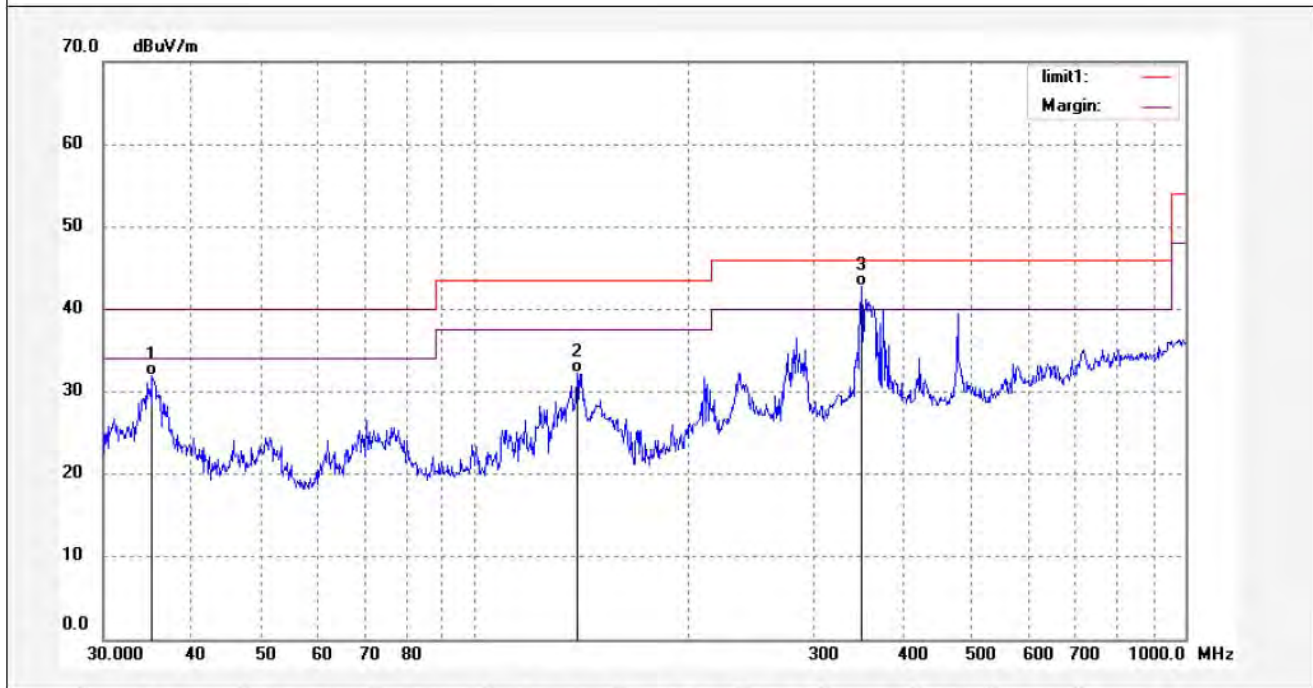
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Job No.: RUCKY5 #14	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/46/49
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N20 (CH1)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.1388	16.27	15.66	31.93	40.00	-8.07	QP			
2	139.3006	20.68	11.66	32.34	43.50	-11.16	QP			
3	349.7411	21.98	20.75	42.73	46.00	-3.27	QP			





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Job No.: RUCKY5 #15	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/52/32
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N20 (CH6)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	139.7906	21.73	11.54	33.27	43.50	-10.23	QP			
2	283.2635	21.18	18.38	39.56	46.00	-6.44	QP			
3	349.7411	19.48	20.75	40.23	46.00	-5.77	QP			



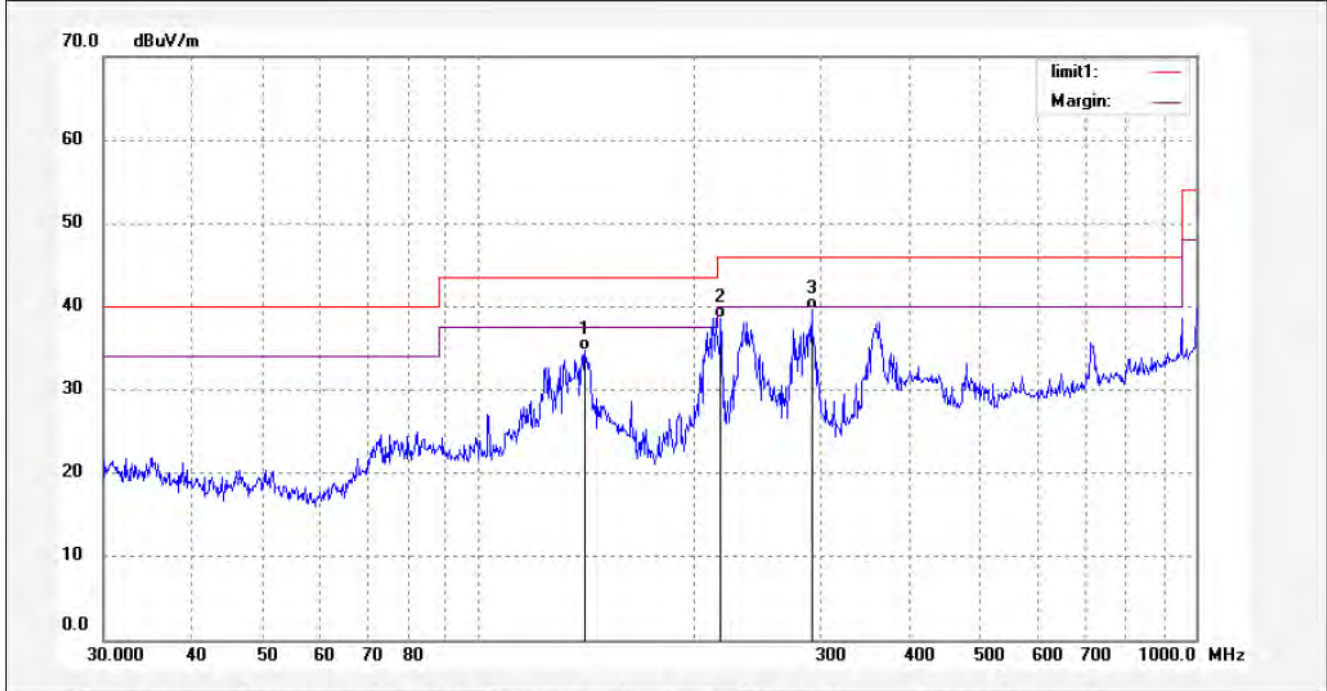
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Site: 1# Chamber  
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Job No.: RUCKY5 #16	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 6/59/14
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N20 (CH6)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	140.7767	23.23	11.49	34.72	43.50	-8.78	QP			
2	217.6434	23.45	15.14	38.59	46.00	-7.41	QP			
3	291.3387	20.99	18.61	39.60	46.00	-6.40	QP			



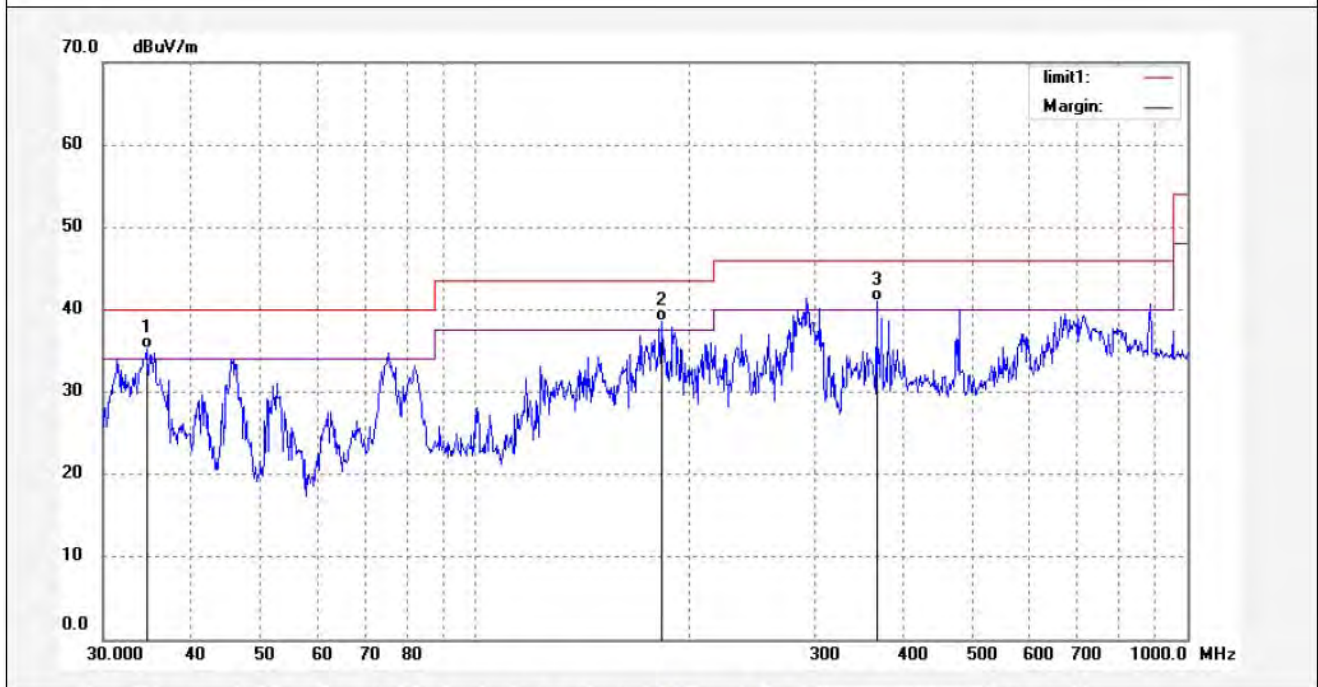
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Job No.: RUCKY5 #17	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 8/54/58
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N20 (CH11)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	34.5270	19.45	15.73	35.18	40.00	-4.82	QP			
2	182.5783	25.07	13.46	38.53	43.50	-4.97	QP			
3	366.0865	19.48	21.48	40.96	46.00	-5.04	QP			





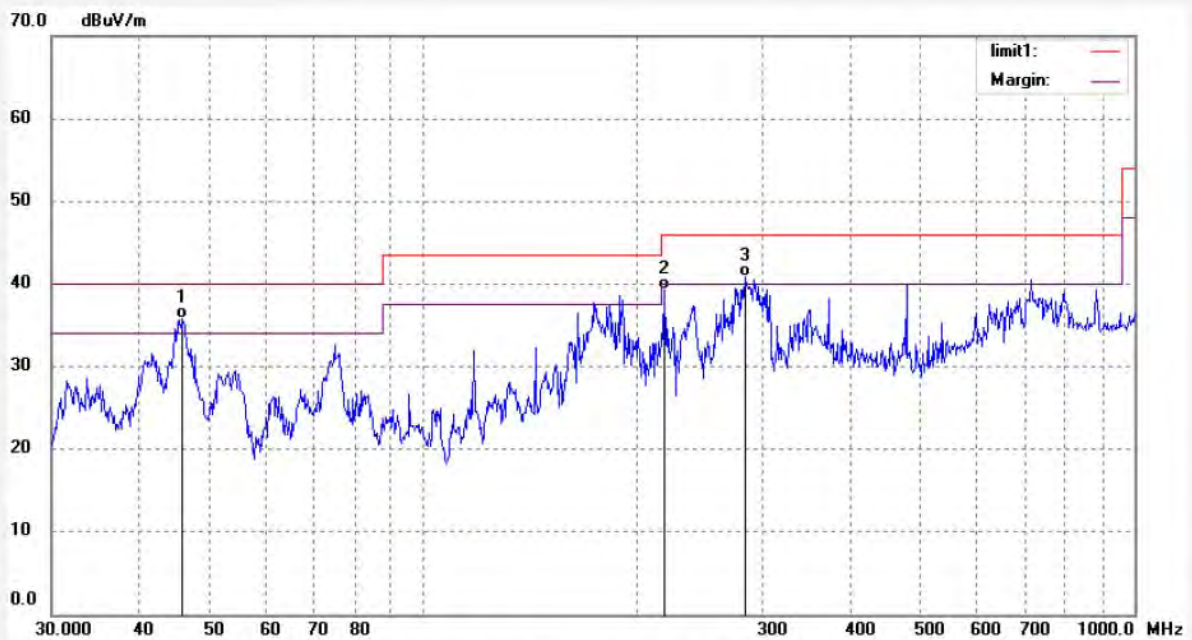
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Job No.: RUCKY5 #18	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 8/57/31
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N20 (CH11)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	45.8943	21.38	14.45	35.83	40.00	-4.17	QP			
2	218.4096	23.97	15.32	39.29	46.00	-6.71	QP			
3	283.2635	22.55	18.38	40.93	46.00	-5.07	QP			



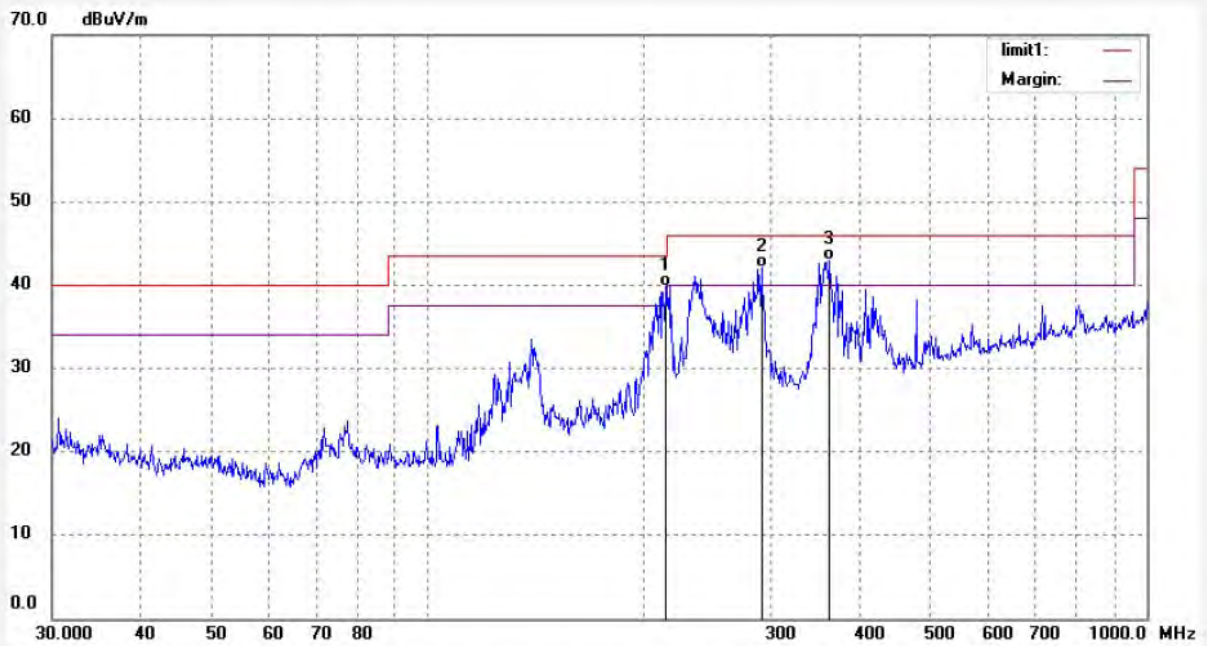
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Job No.: RUCKY5 #19	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 9/01/51
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N40 (CH3)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.8531	25.40	14.50	39.90	43.50	-3.60	QP			
2	291.3387	23.42	18.61	42.03	46.00	-3.97	QP			
3	362.2479	21.55	21.35	42.90	46.00	-3.10	QP			



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Job No.: RUCKY5 #20	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 9/03/36
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N40 (CH3)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	34.8928	16.57	15.70	32.27	40.00	-7.73	QP			
2	135.4395	19.84	12.57	32.41	43.50	-11.09	QP			
3	349.7411	19.75	20.75	40.50	46.00	-5.50	QP			





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Job No.: RUCKY5 #21	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 9/04/42
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N40 (CH6)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	34.8928	18.57	15.70	34.27	40.00	-5.73	QP			
2	140.7767	24.36	11.49	35.85	43.50	-7.65	QP			
3	291.3387	21.21	18.61	39.82	46.00	-6.18	QP			



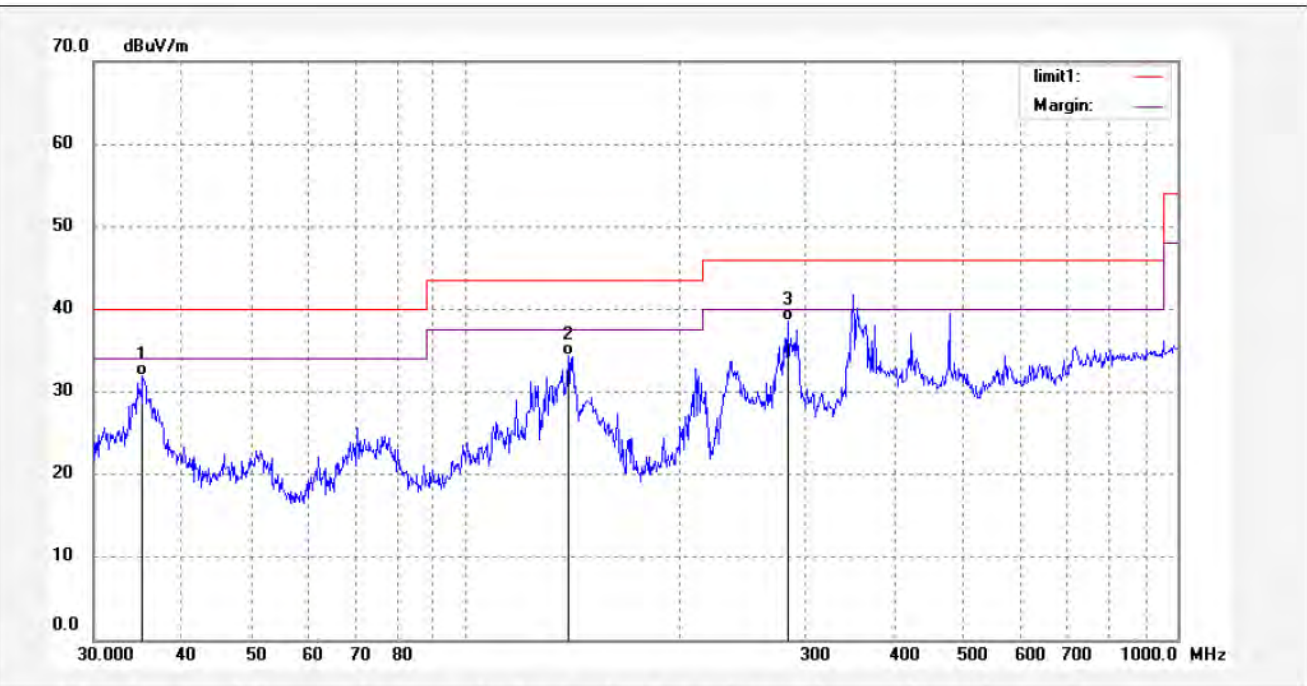
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Job No.: RUCKY5 #22	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/15/
Temp.( C)/Hum.(%) 23 C / 49 %	Time: 9/07/02
EUT: 7inch tablet	Engineer Signature: Ricky
Mode: TX802.11N40 (CH6)	Distance: 3m
Model: EPG114	
Manufacturer: E-matil	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.1388	16.27	15.66	31.93	40.00	-8.07	QP			
2	139.3006	22.68	11.66	34.34	43.50	-9.16	QP			
3	283.2635	20.18	18.38	38.56	46.00	-7.44	QP			