

APPLICATION CERTIFICATION FCC Part 15C

On Behalf of
April Computers L.L.C.

7 Inch Tablet PC /MID
Model No.: APRIL T7

FCC ID: 2AABO-APRILT7

Prepared for : April Computers L.L.C.
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Report Number : ATE20130885
Date of Test : May 6-May 13, 2013
Date of Report : May 13, 2013

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Test Report Certification

Applicant : April Computers L.L.C.
Manufacturer : April Computers L.L.C.
EUT Description : 7 Inch Tablet PC /MID
(A) MODEL NO.: APRIL T7
(B) SERIAL NO.: N/A
(C) POWER SUPPLY: DC 3.7V (Li-polymer battery) & AC 120V
(Powered by Adapter)

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 : May 6- May 13, 2013

Prepared by :



(Engineer)

Approved & Authorized Signer :



(Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	7 Inch Tablet PC /MID
Model Number	:	APRIL T7
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	:	DC 3.7V (Li-polymer battery) & AC 120V (Powered by Adapter)
Adapter	:	Model: WYT-0520 Input: 100-240VAC 50/60Hz 0.3A Output: DC 5V 2A
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
Applicant	:	April Computers L.L.C.
Address	:	16401 SW 53rd Terrace, Miami, Florida 33185, USA
Manufacturer	:	April Computers L.L.C.
Address	:	16401 SW 53rd Terrace, Miami, Florida 33185, USA
Date of sample received	:	May 6, 2013
Date of Test	:	May 6- May 13, 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 until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 12, 2014
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 12, 2014
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 12, 2014
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 12, 2014
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Feb. 06, 2014
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Feb. 06, 2014
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Feb. 06, 2014
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1067	Oct. 30, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 12, 2014
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 12, 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

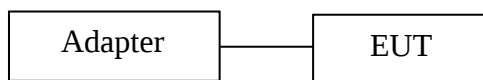


Figure 1 Setup: Transmitting mode

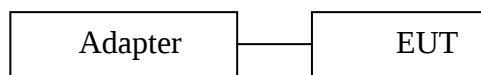


Figure 2 Setup: Charging mode

4. TEST PROCEDURES AND RESULTS

FCC Rules	Description of Test	Result
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 PC /MID)

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 PC /MID (EUT)

Model Number : APRIL T7
 Serial Number : N/A
 Manufacturer : Shenzhen Natural Sound Electronics 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>May 7, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 Inch Tablet PC /MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>APRIL T7</u>	Power Supply:	<u>AC 120V</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

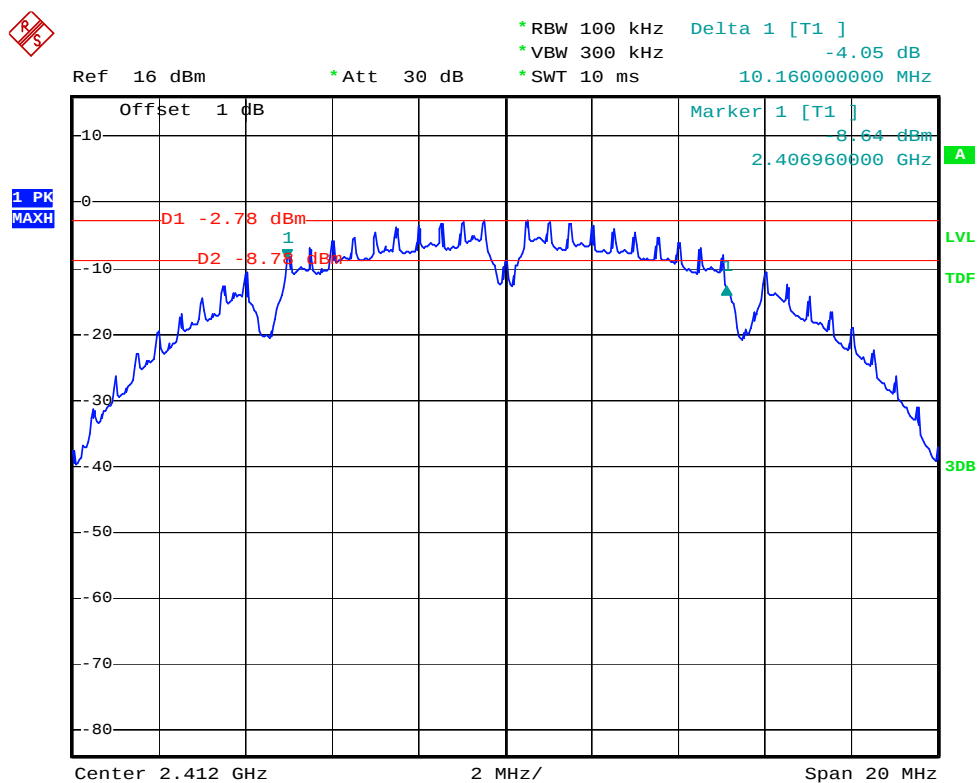
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	16.44	> 0.5MHz
Middle	2437	16.44	> 0.5MHz
High	2462	16.48	> 0.5MHz

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

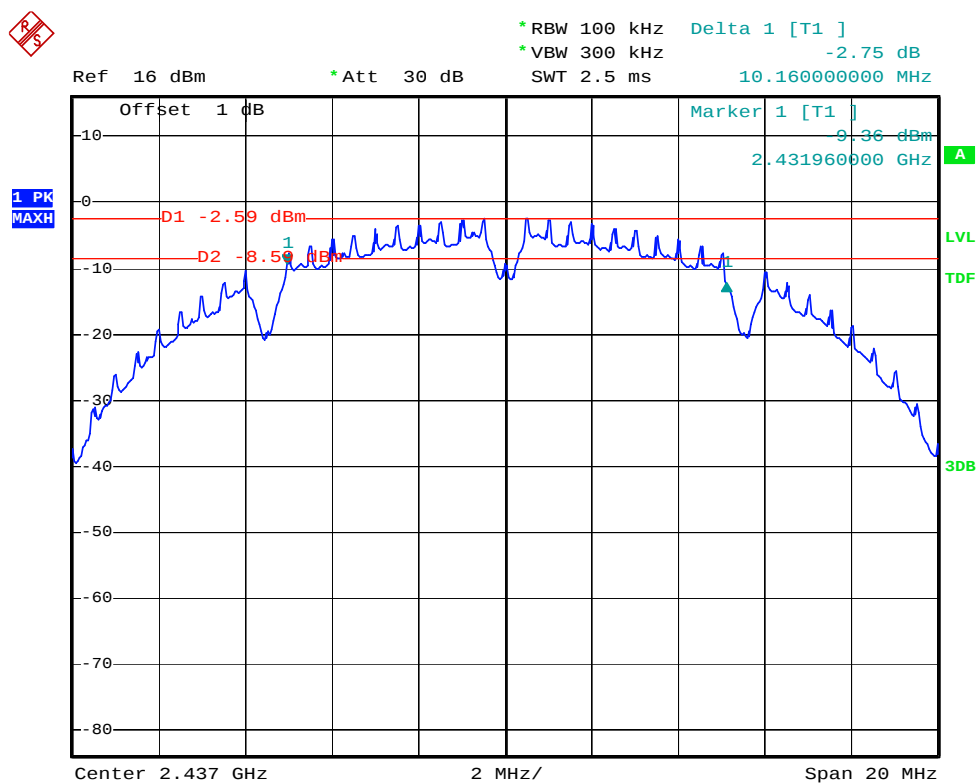
The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



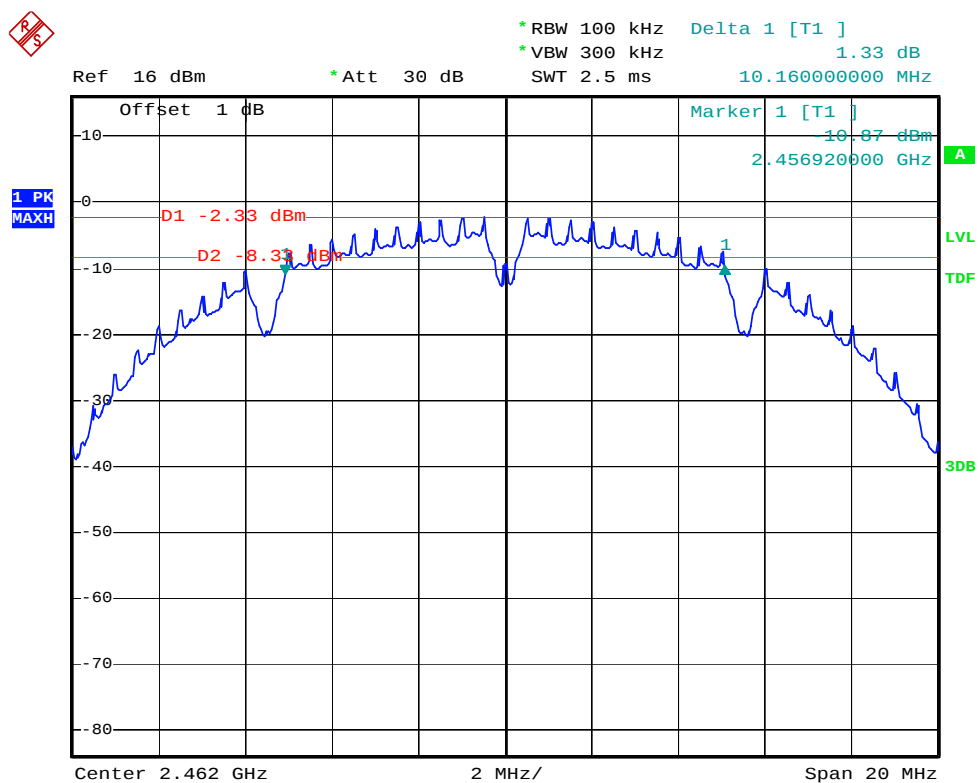
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802.11b Channel Middle 2437MHz



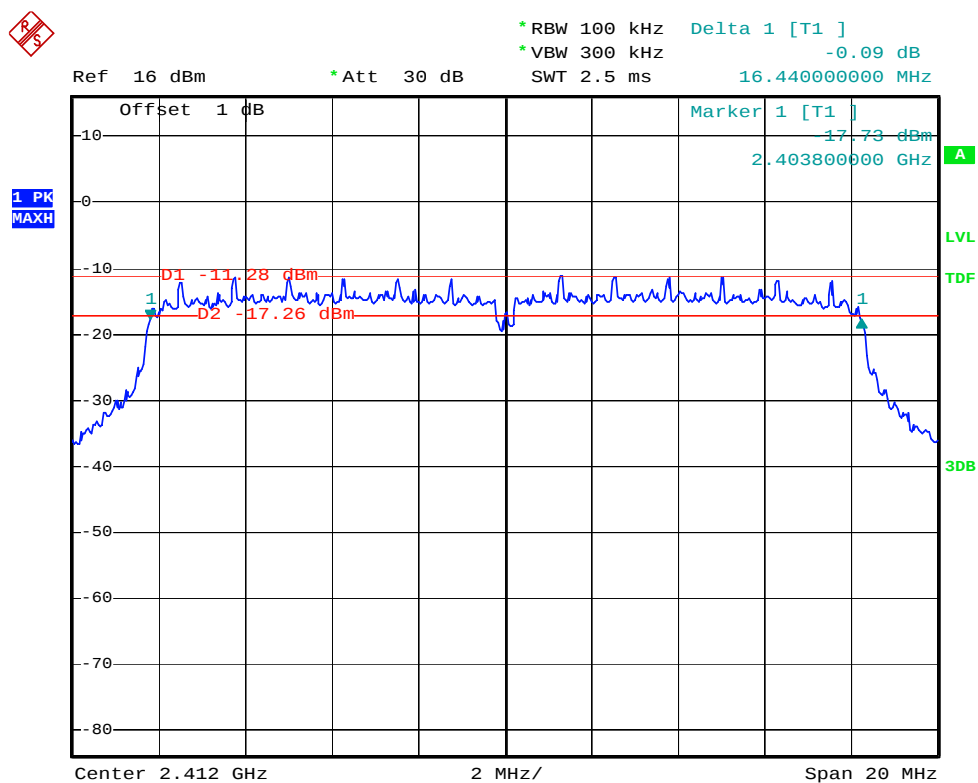
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802.11b Channel High 2462MHz



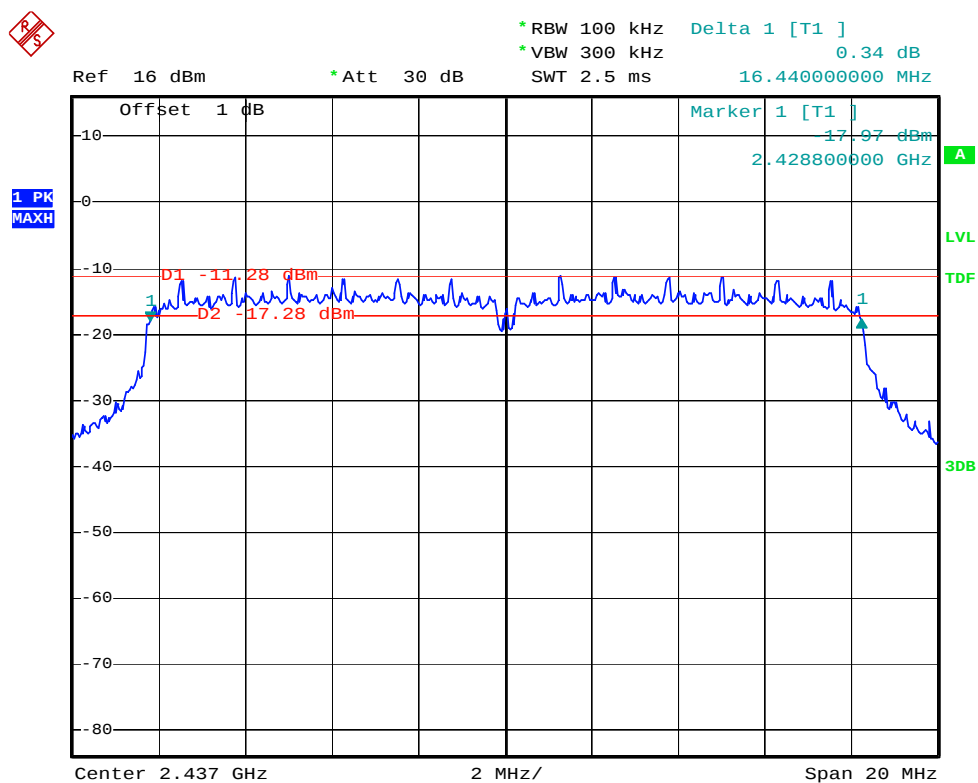
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802.11g Channel Low 2412MHz



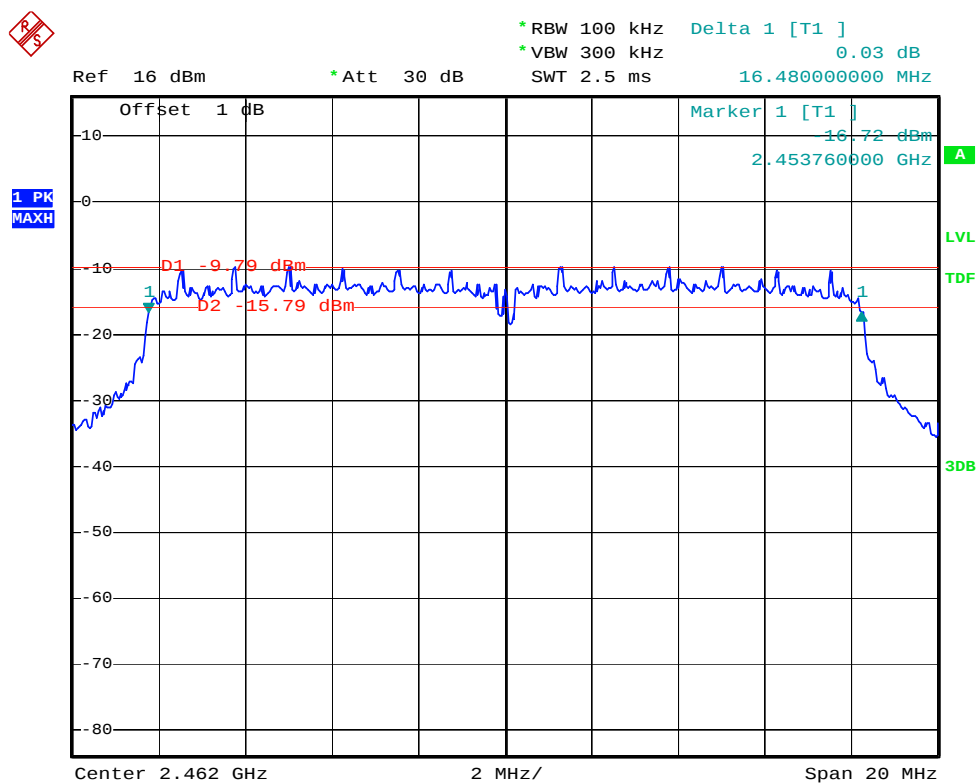
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802.11g Channel Middle 2437MHz



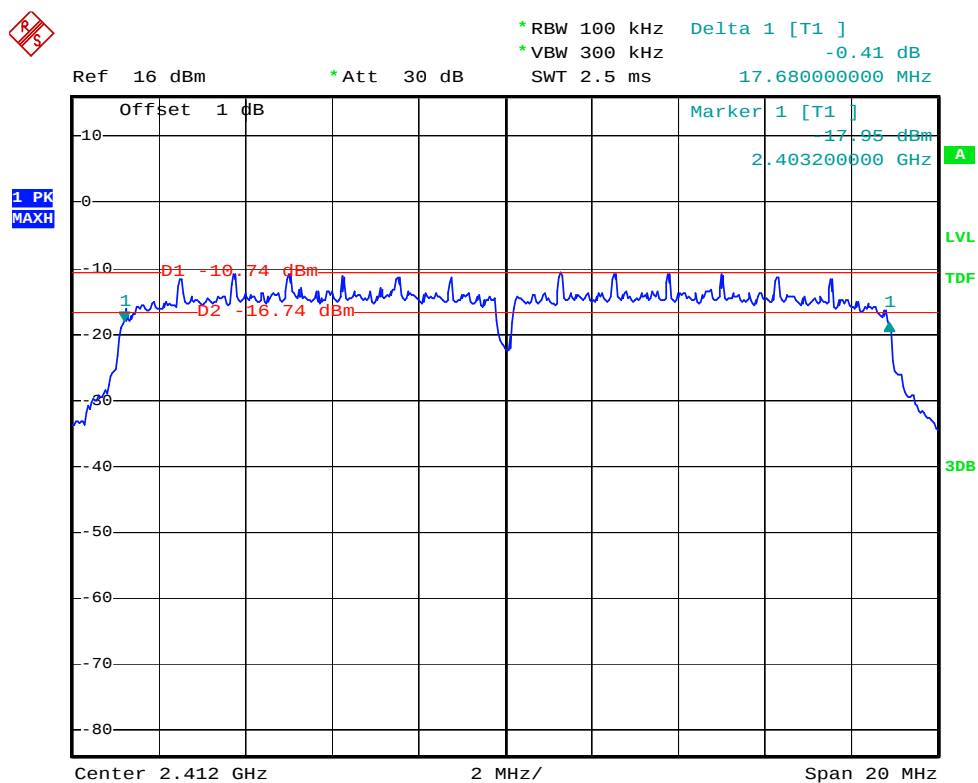
Date: 14.DEC.2012 15:38:51

802.11g Channel High 2462MHz



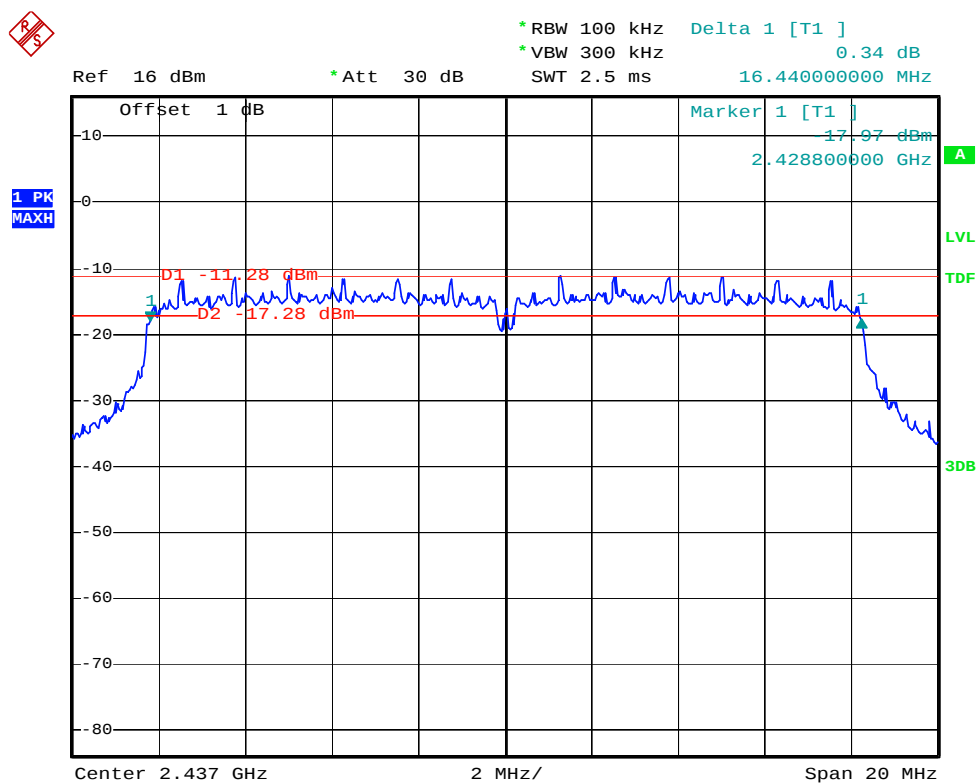
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802.11n Channel Low 2412MHz (20MHz)



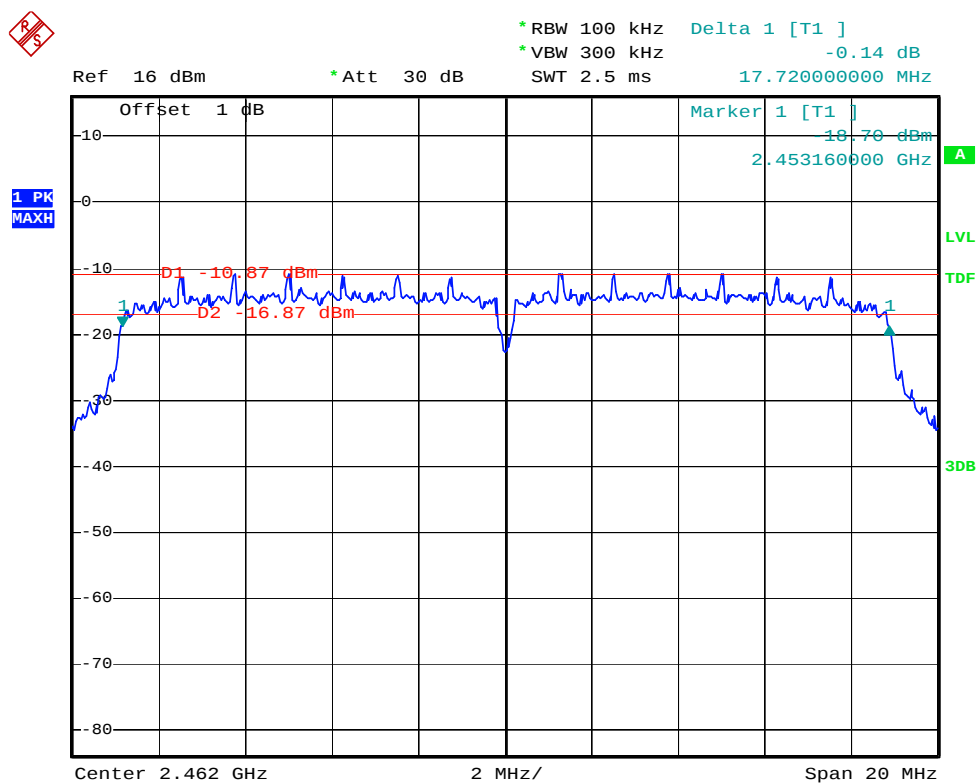
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802.11n Channel Middle 2437MHz (20MHz)



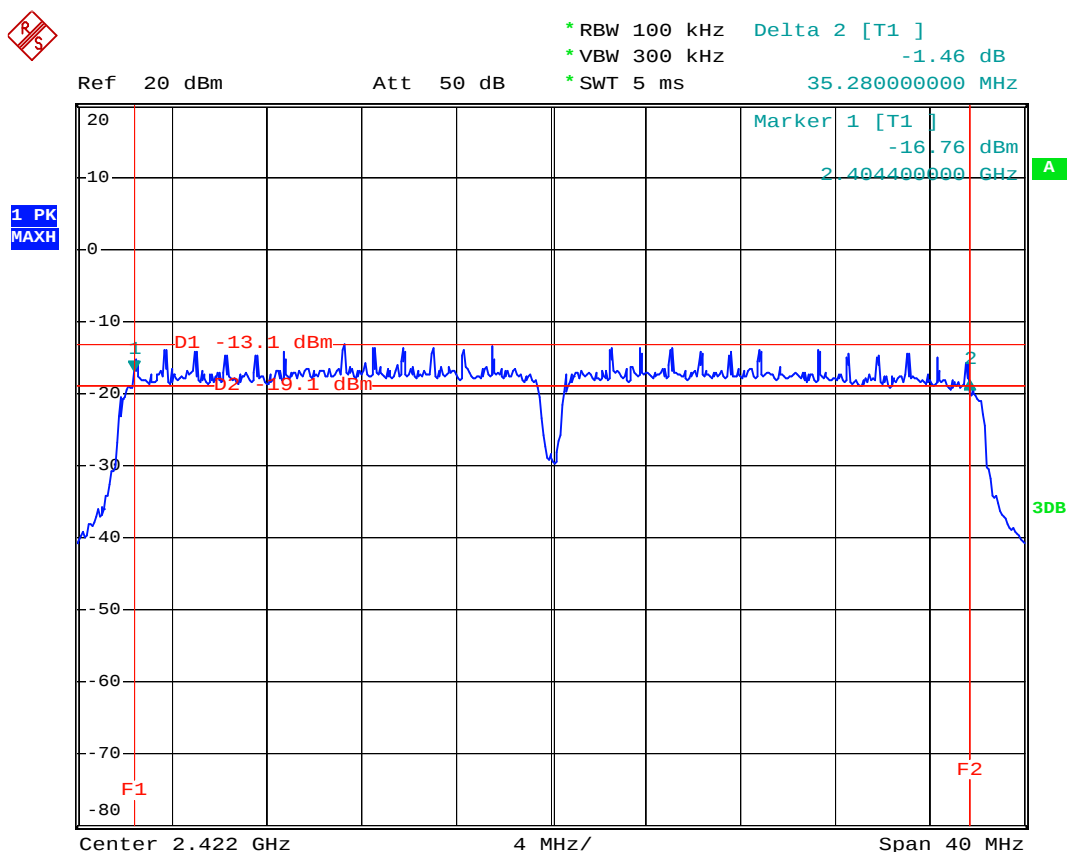
Date: 14.DEC.2012 15:38:51

802.11n Channel High 2462MHz (20MHz)

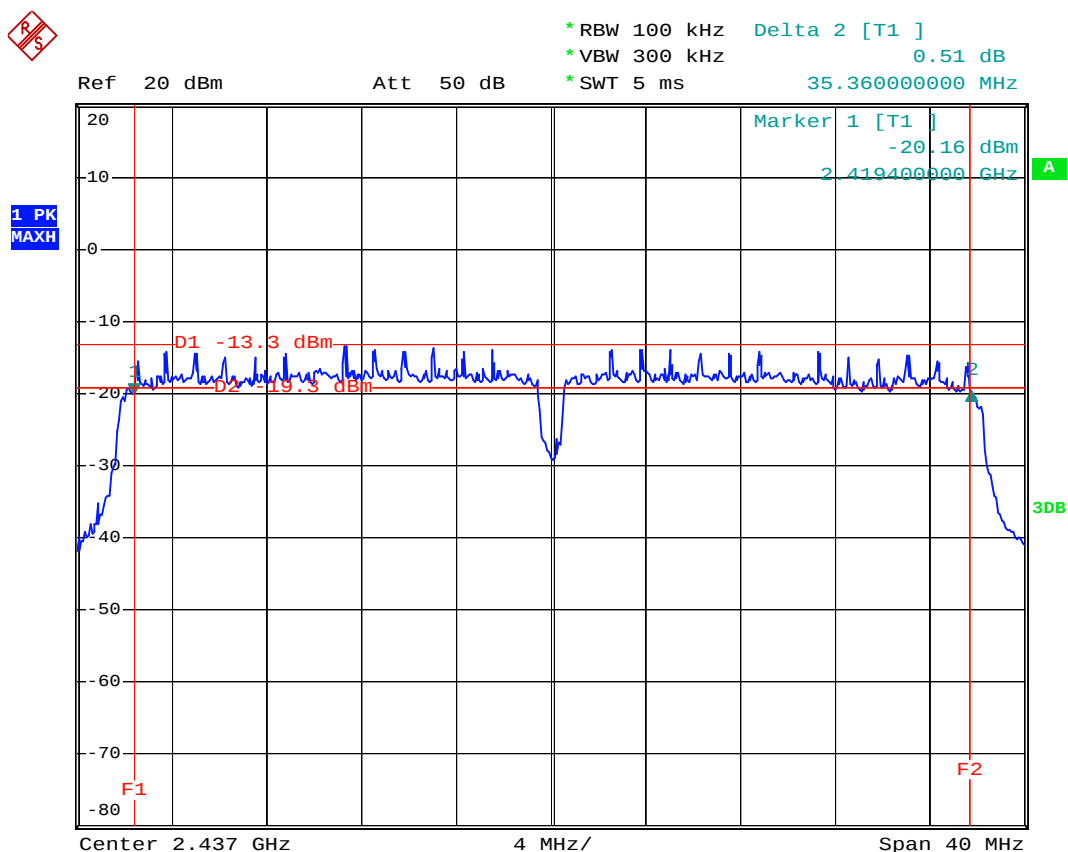


Date: 14.DEC.2012 16:01:39

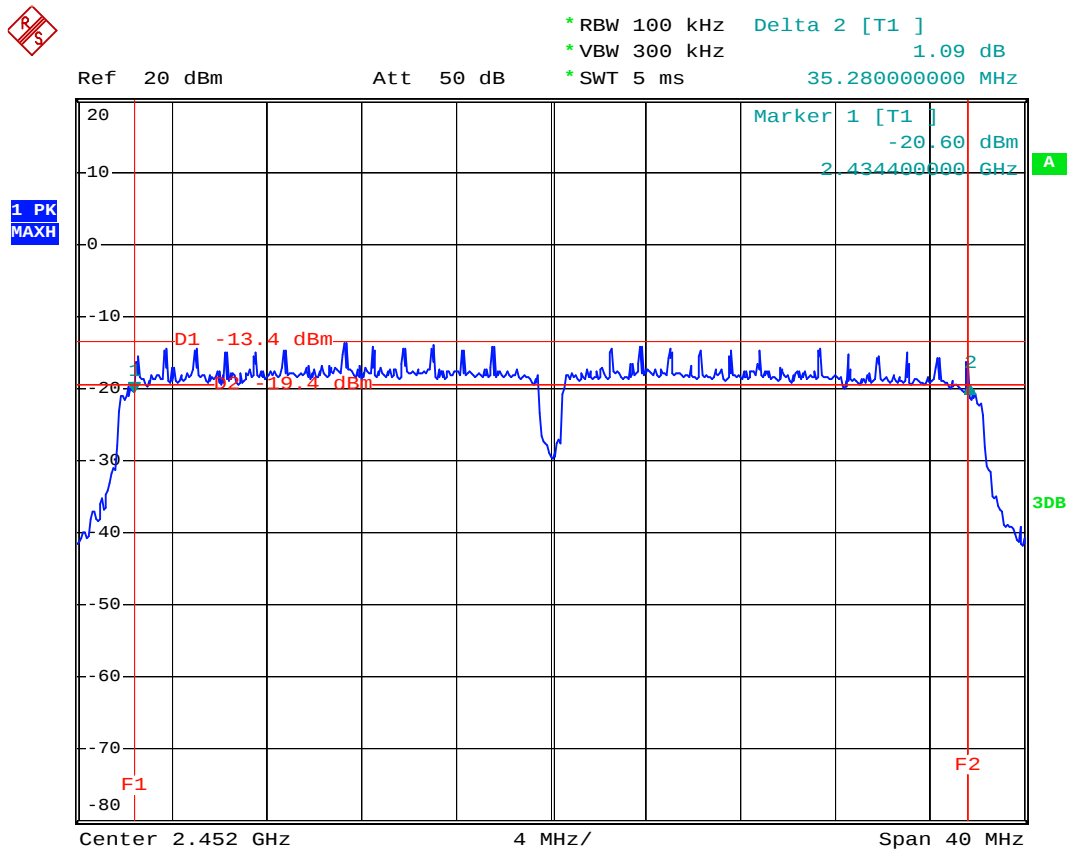
802.11n Channel Low 2422MHz (40MHz)



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 PC /MID)

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 PC /MID(EUT)

Model Number : APRIL T7
 Serial Number : N/A
 Manufacturer : April Computers L.L.C.

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 $\geq 1.5 \times$ 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>May 7, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 Inch Tablet PC /MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>APRIL T7</u>	Power Supply:	<u>AC 120V</u>
Test Mode:	<u>TX</u>	Test Engineer:	<u>Allen</u>

The test was performed with 802.11b				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	9.15	8.22	30 dBm / 1 W
Middle	2437	9.24	8.39	30 dBm / 1 W
High	2462	9.33	8.57	30 dBm / 1 W

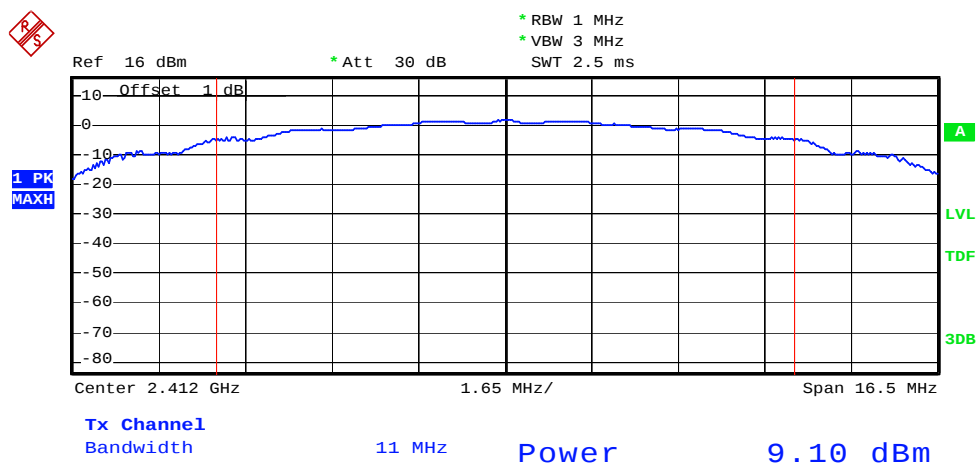
The test was performed with 802.11g				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	8.54	7.14	30 dBm / 1 W
Middle	2437	8.58	7.21	30 dBm / 1 W
High	2462	8.60	7.24	30 dBm / 1 W

The test was performed with 802.11n (20MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	8.84	7.66	30 dBm / 1 W
Middle	2437	9.01	7.96	30 dBm / 1 W
High	2462	9.10	8.13	30 dBm / 1 W

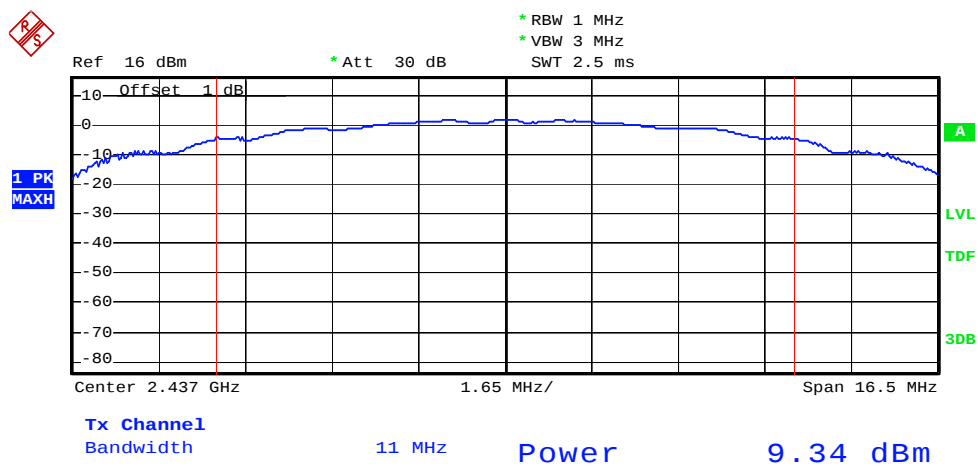
The test was performed with 802.11n (40MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2422	9.00	7.94	30 dBm / 1 W
Middle	2437	8.94	7.83	30 dBm / 1 W
High	2452	8.86	7.69	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

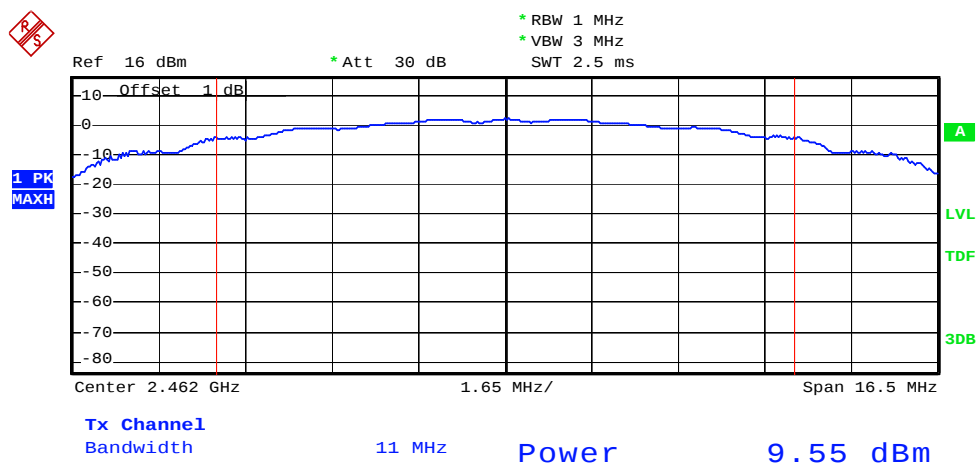
802.11b Channel Low 2412MHz



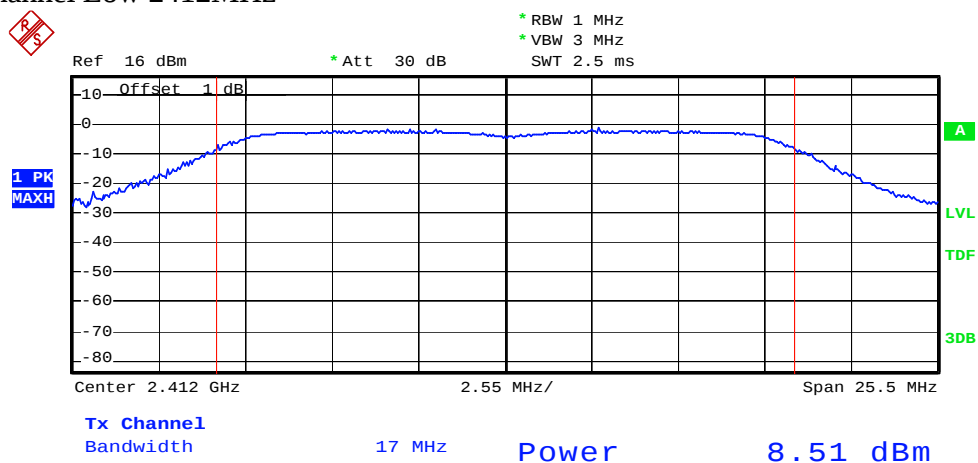
802.11b Channel Middle 2437MHz



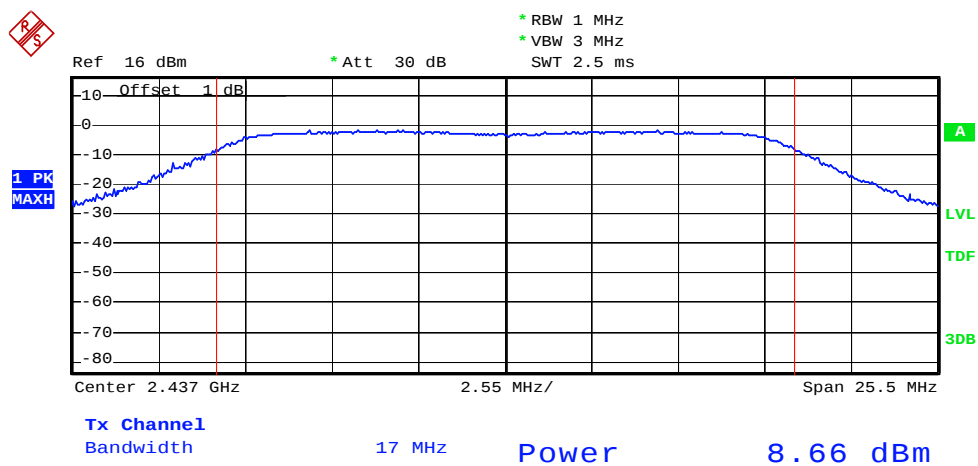
802.11b Channel High 2462MHz



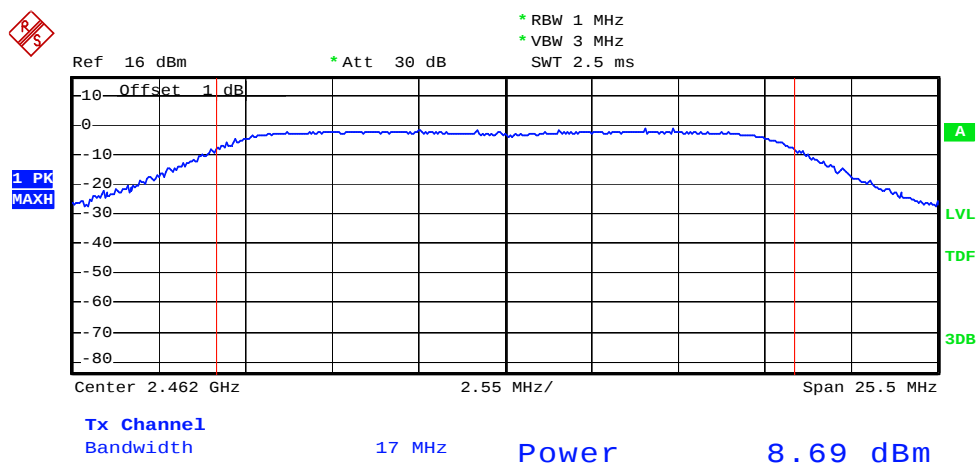
802.11g Channel Low 2412MHz



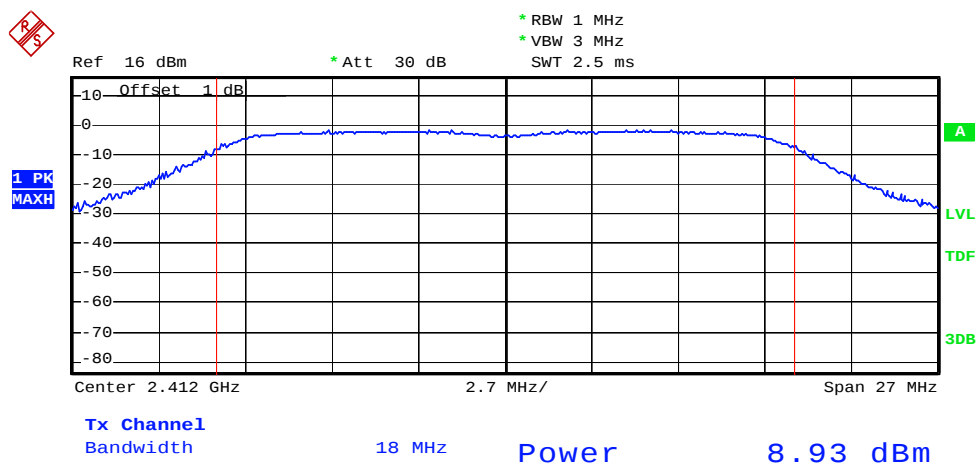
802.11g Channel Middle 2437MHz



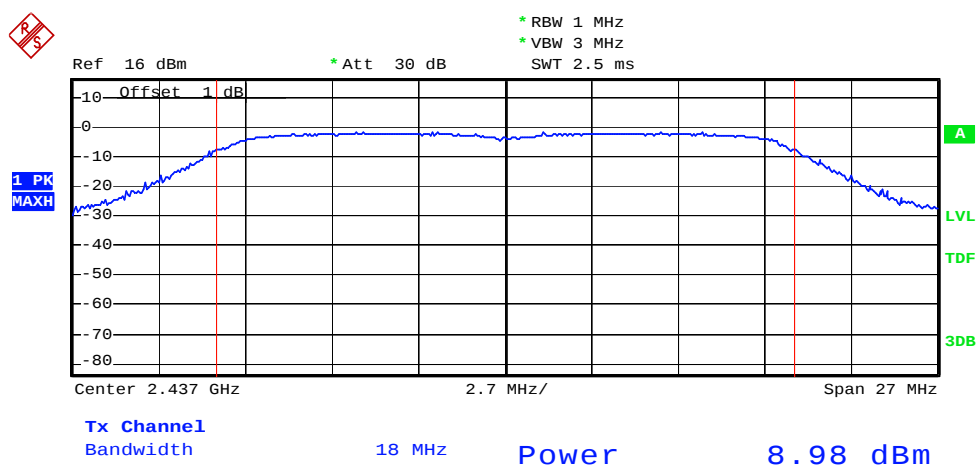
802.11g Channel High 2462MHz



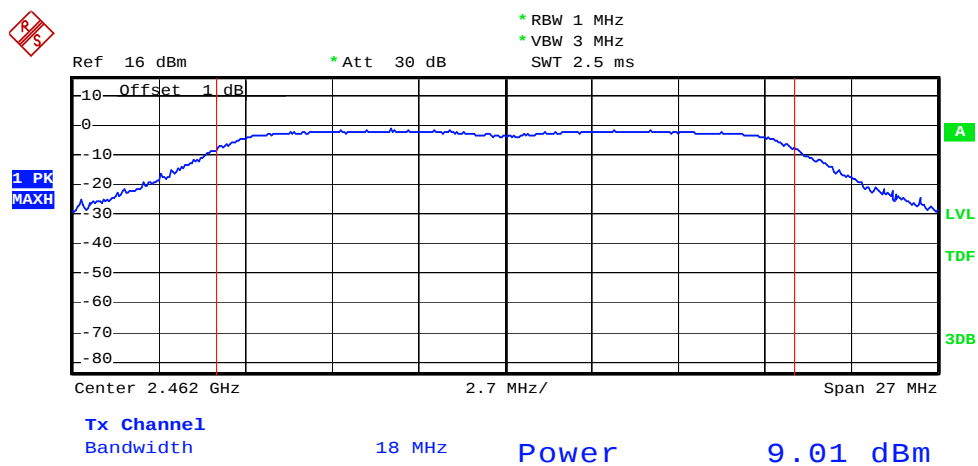
802.11n Channel Low 2412MHz (20MHz)



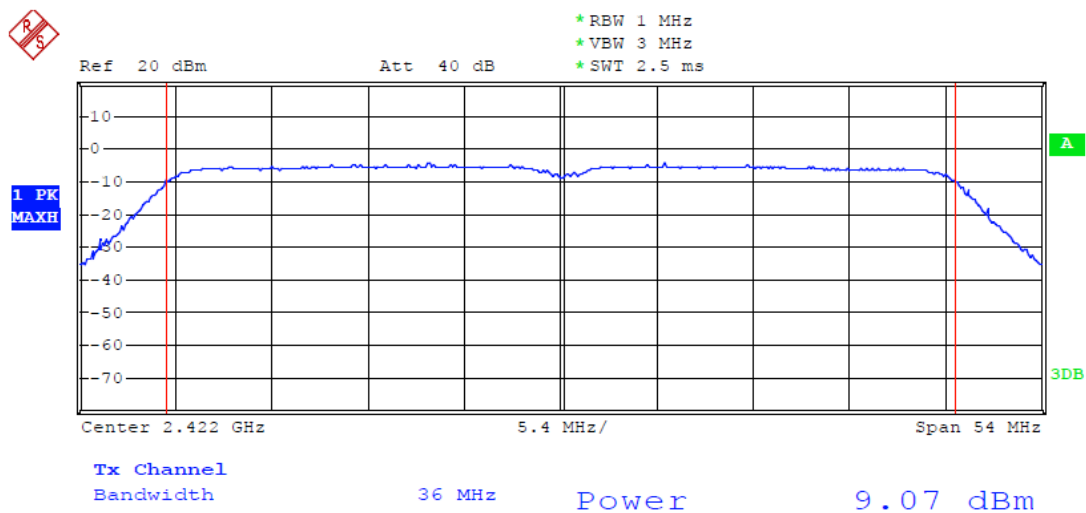
802.11n Channel Middle 2437MHz (20MHz)



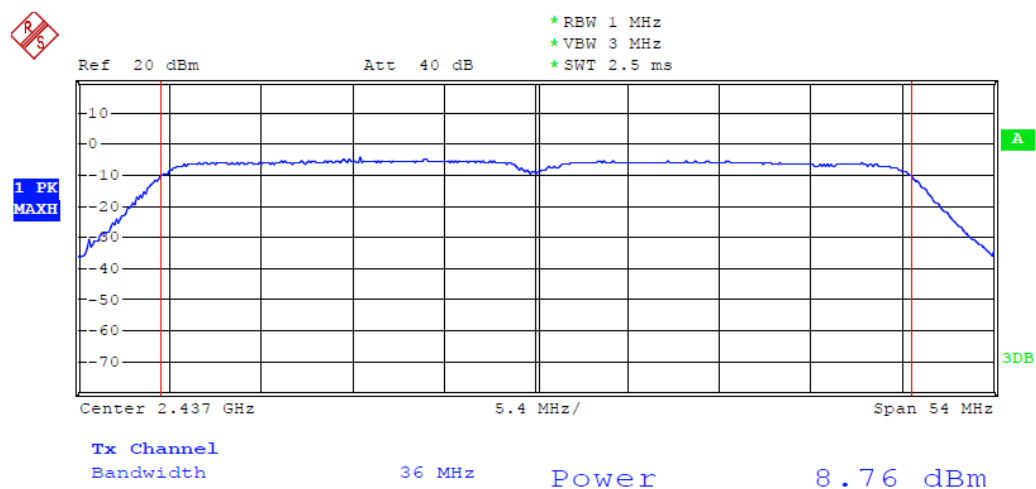
802.11n Channel High 2462MHz (20MHz)



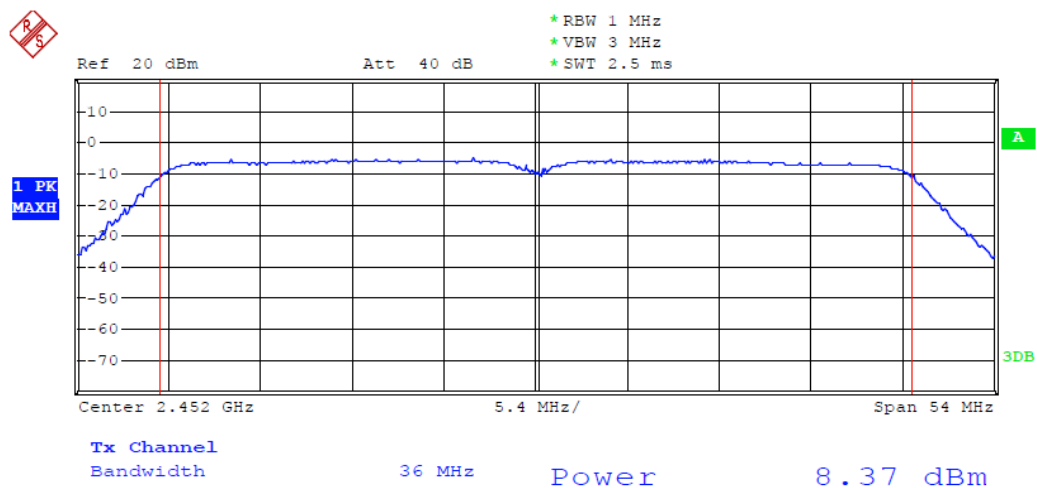
802.11n Channel Low 2422MHz (40MHz)



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 PC /MID)

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 PC /MID (EUT)

Model Number : APRIL T7
 Serial Number : N/A
 Manufacturer : April Computers L.L.C.

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>May 7, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 Inch Tablet PC /MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>APRIL T7</u>	Power Supply:	<u>AC 120V</u>
Test Mode:	<u>TX</u>	Test Engineer:	<u>Allen</u>

The test was performed with 802.11b

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm/3kHz)
Low	2412	-15.72	8 dBm
Middle	2437	-16.10	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/3kHz)
Low	2412	-24.73	8 dBm
Middle	2437	-21.85	8 dBm
High	2462	-21.88	8 dBm

The test was performed with 802.11n (20MHz)

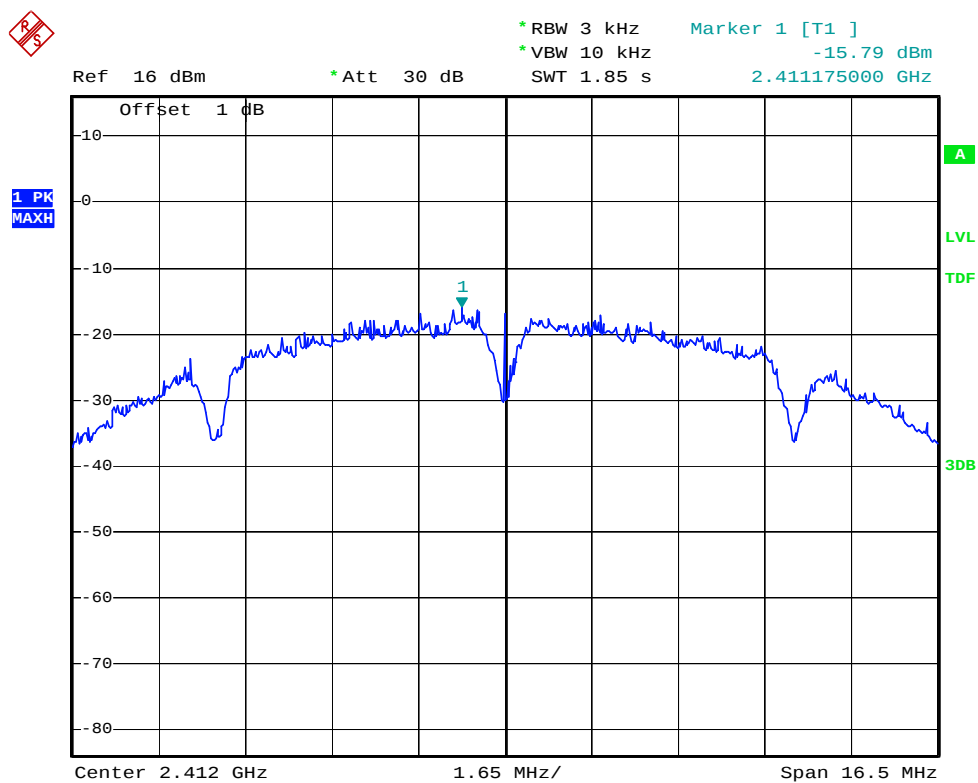
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm/ 3kHz)
Low	2412	-24.25	8 dBm
Middle	2437	-25.24	8 dBm
High	2462	-24.28	8 dBm

The test was performed with 802.11n (40MHz)

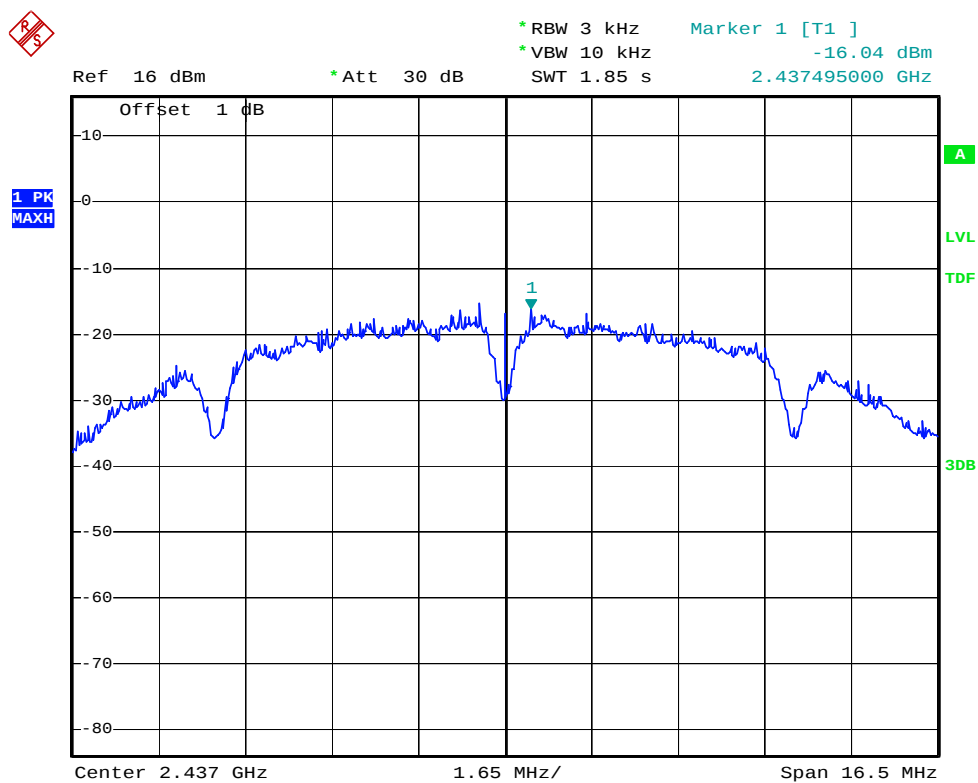
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low	2422	-28.12	8 dBm
Middle	2437	-27.08	8 dBm
High	2452	-28.72	8 dBm

The spectrum analyzer plots are attached as below.

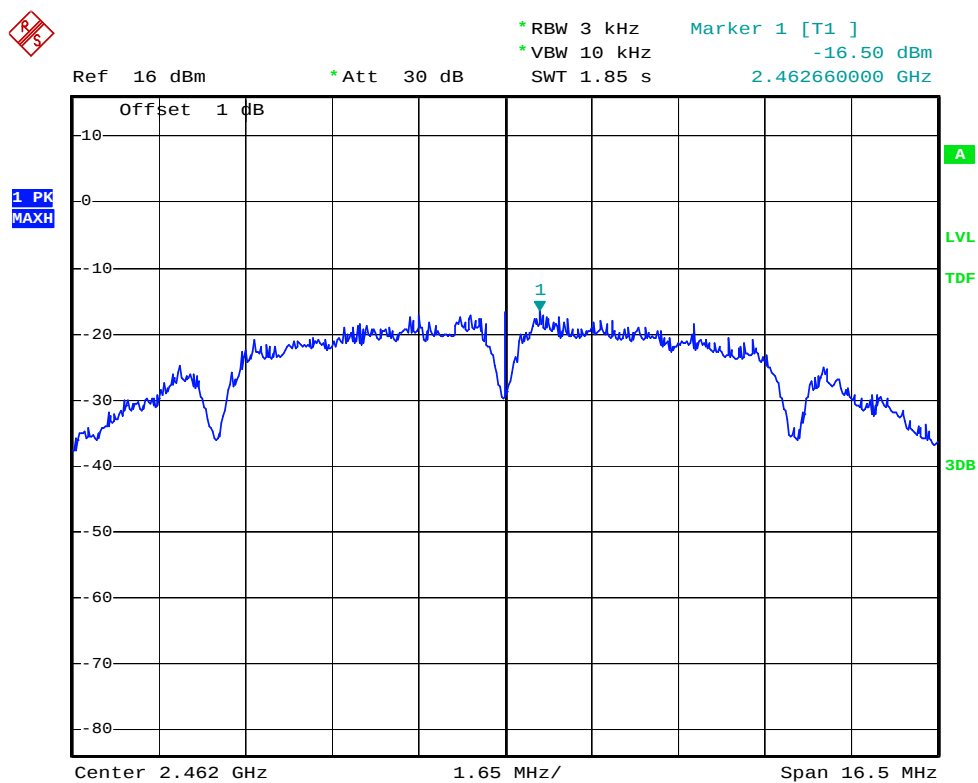
802.11b Channel Low 2412MHz



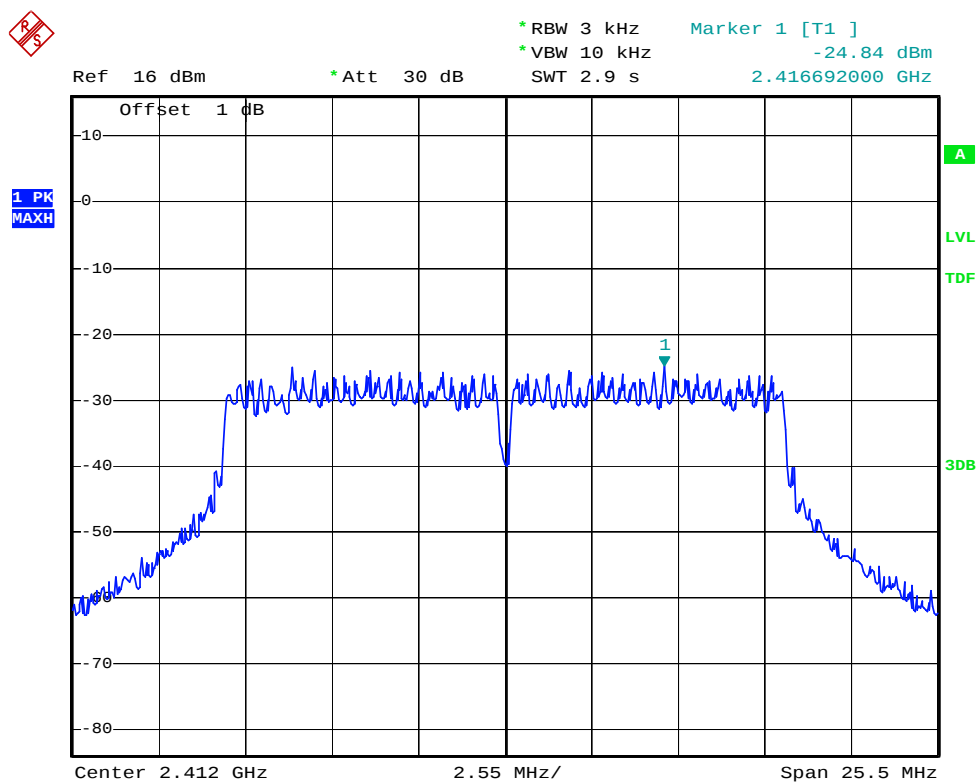
802.11b Channel Middle 2437MHz



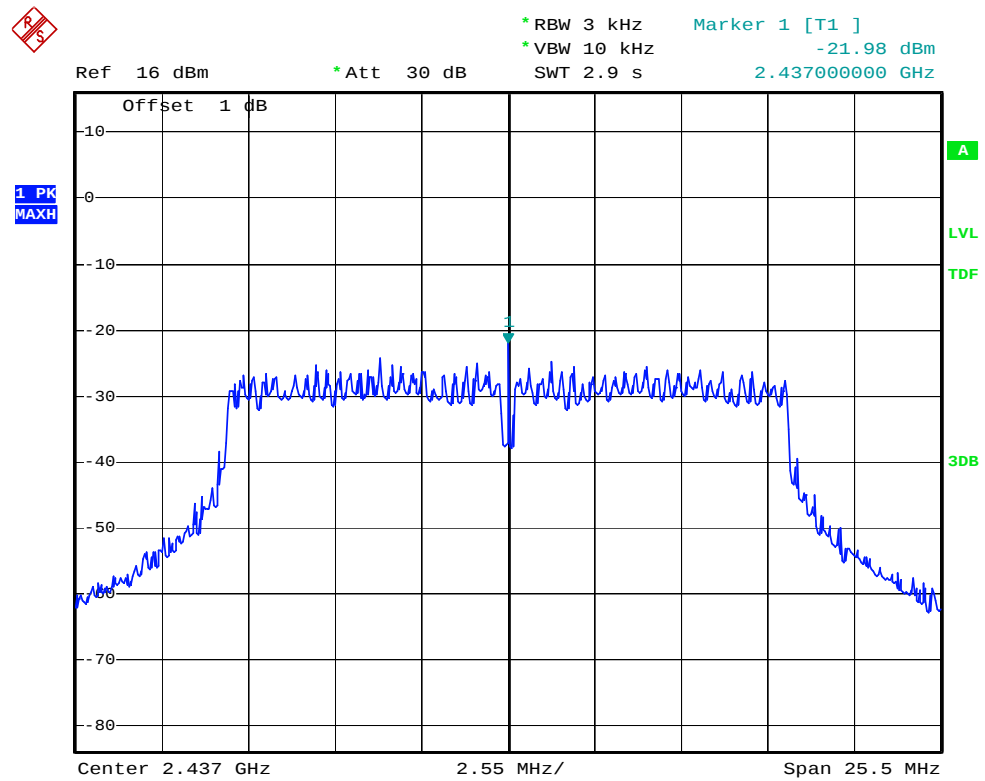
802.11b Channel High 2462MHz



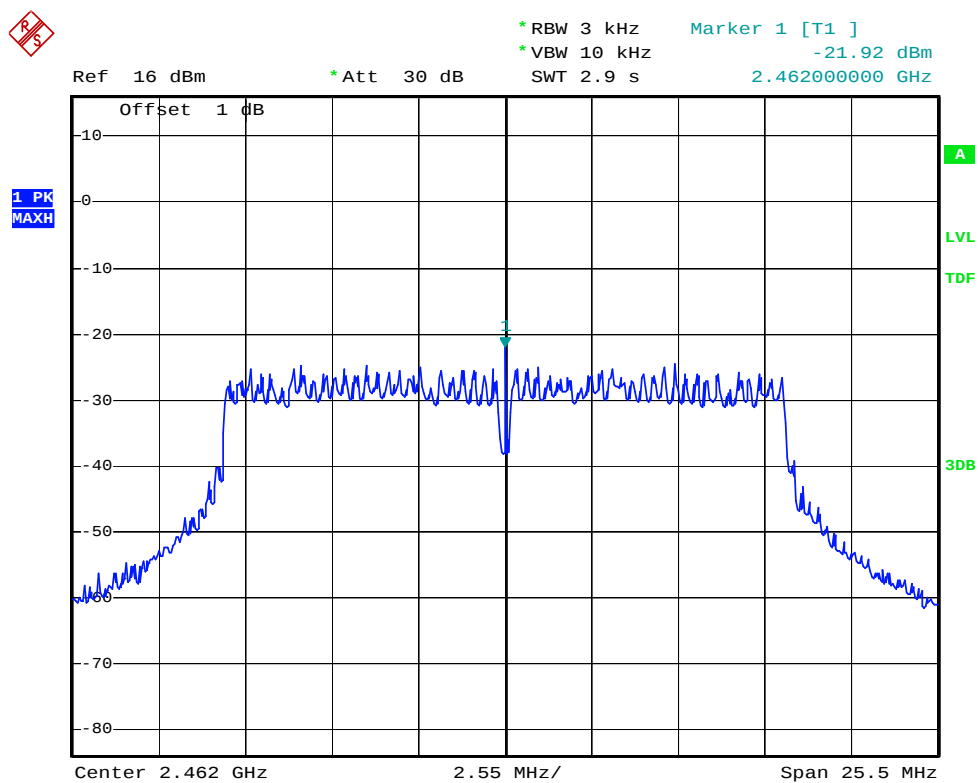
802.11g Channel Low 2412MHz



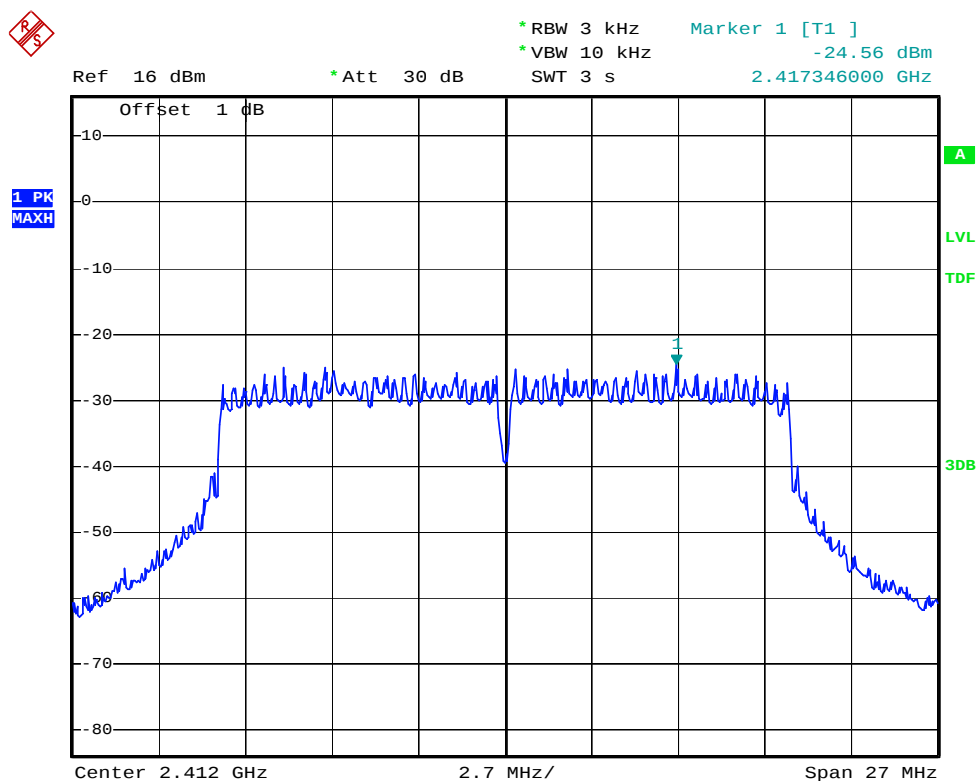
802.11g Channel Middle 2437MHz



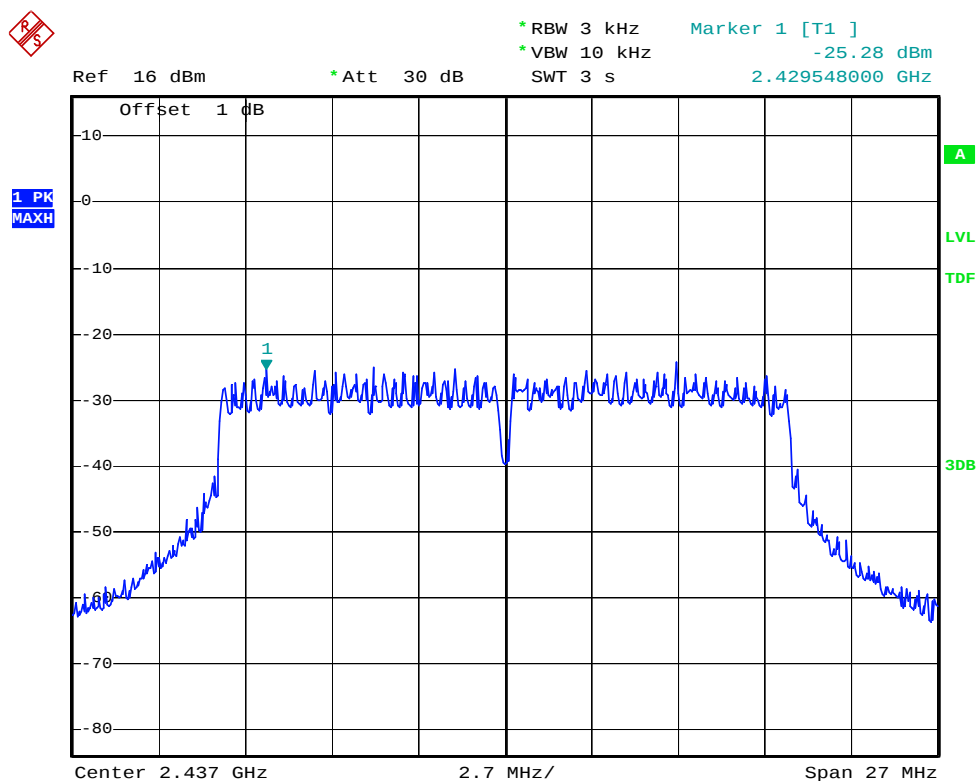
802.11g Channel High 2462MHz



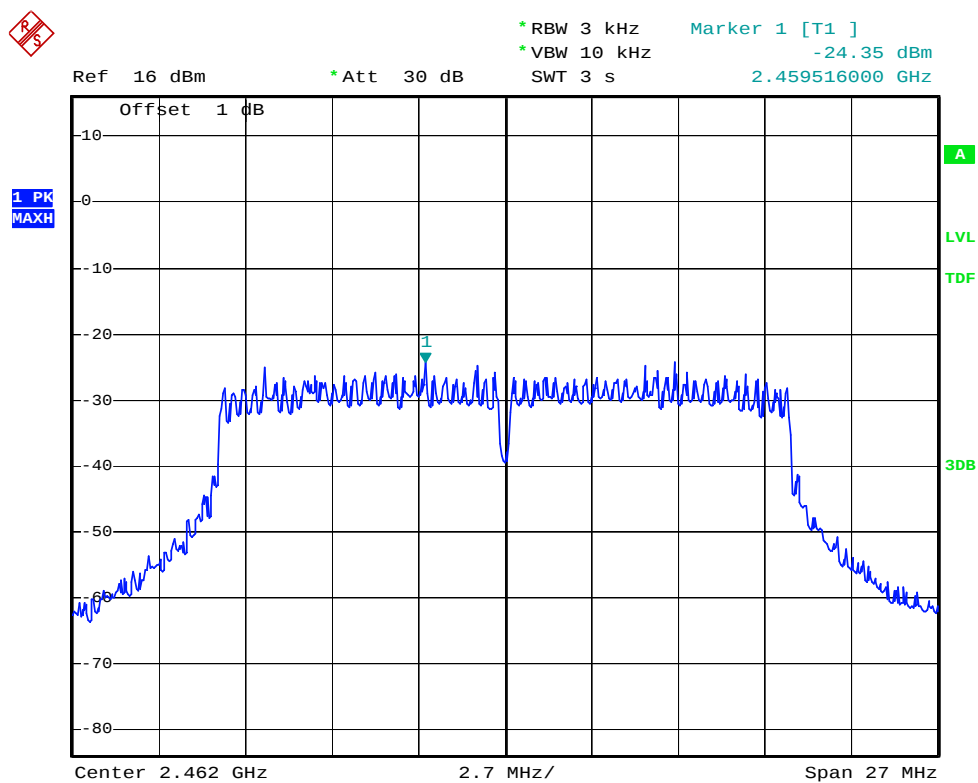
802.11n Channel Low 2412MHz (20MHz)



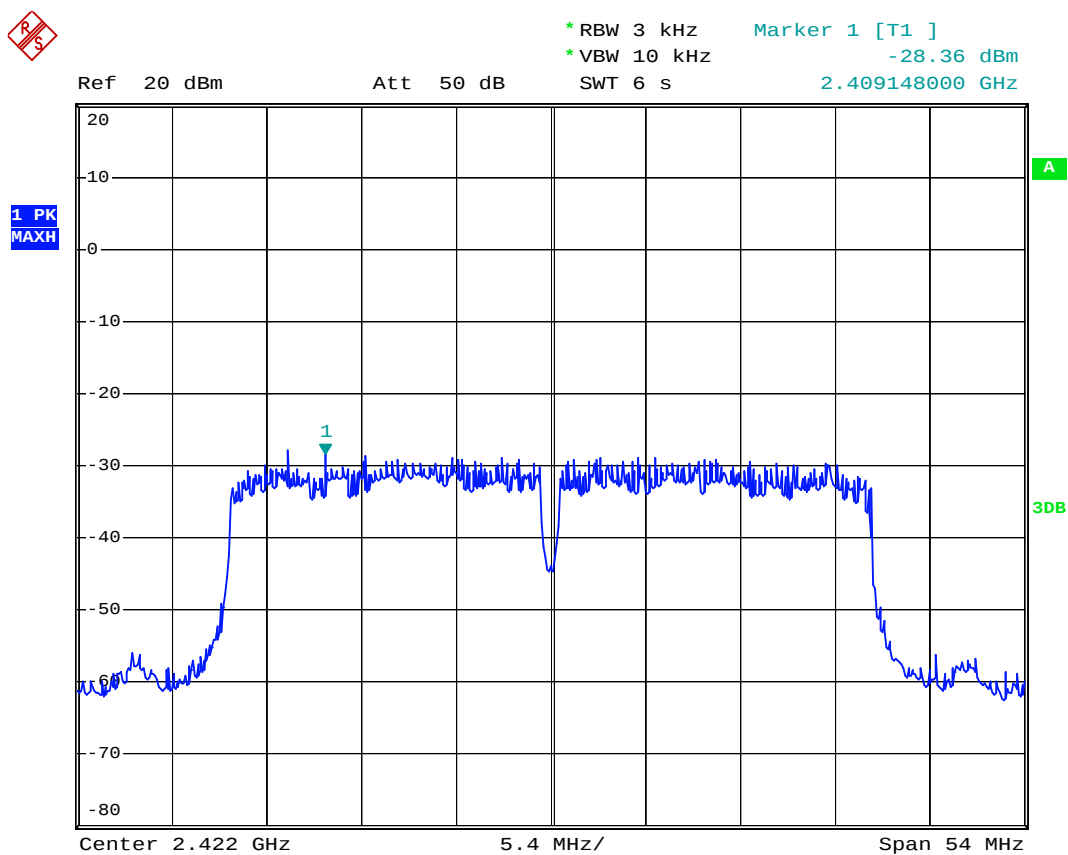
802.11n Channel Middle 2437MHz (20MHz)



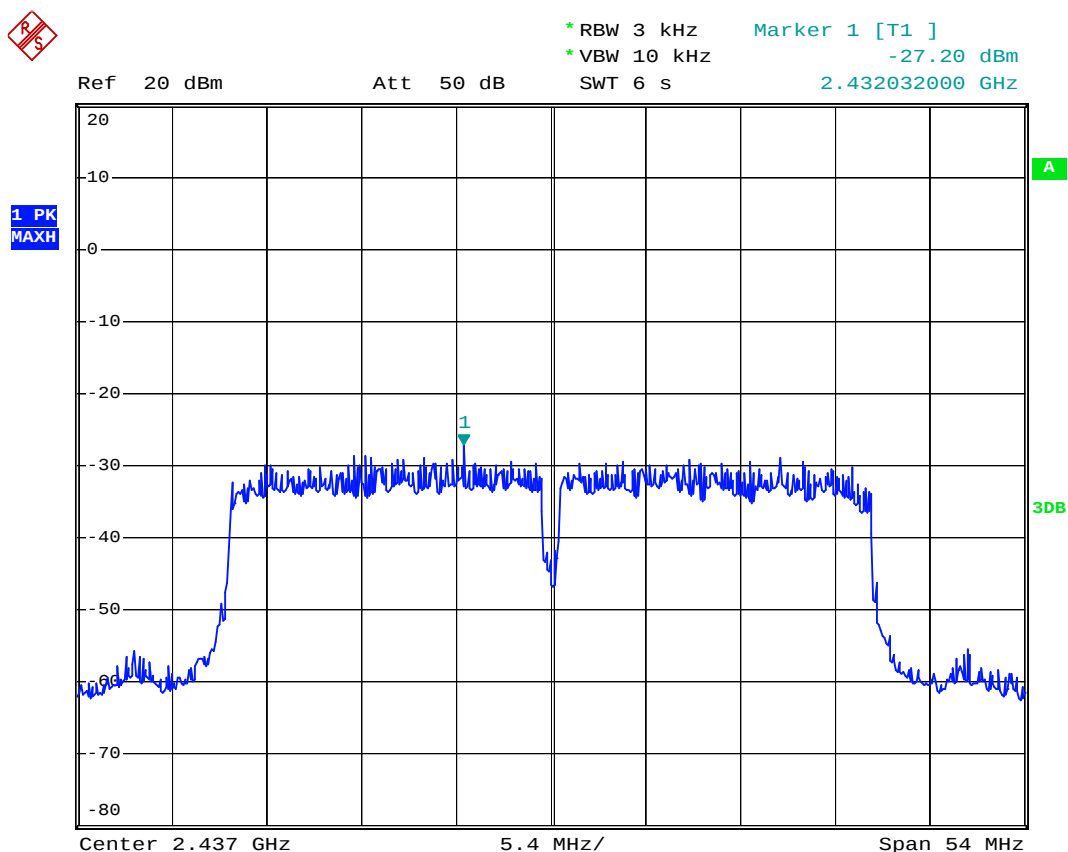
802.11n Channel High 2462MHz (20MHz)



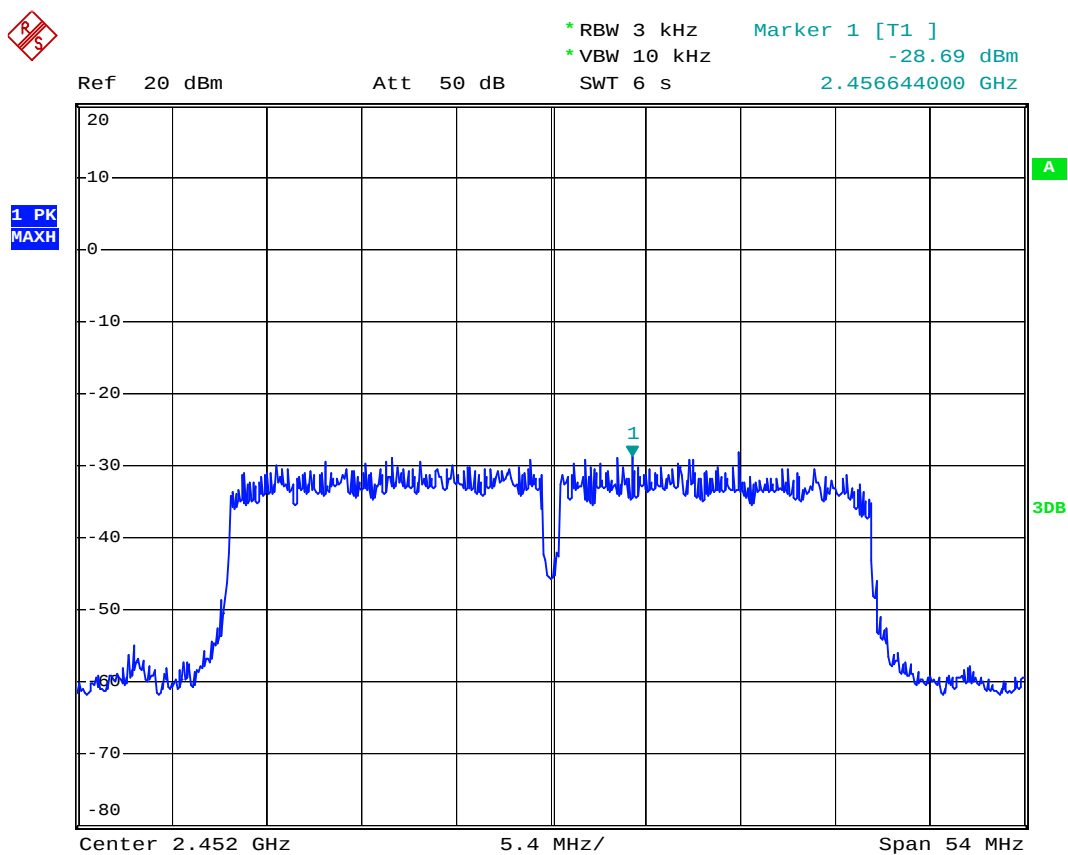
802.11n Channel Low 2422MHz (40MHz)



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 PC /MID)

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 PC /MID (EUT)

Model Number	:	APRIL T7
Serial Number	:	N/A
Manufacturer	:	April Computers L.L.C.

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:	May 7, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	TX	Test Engineer:	Allen

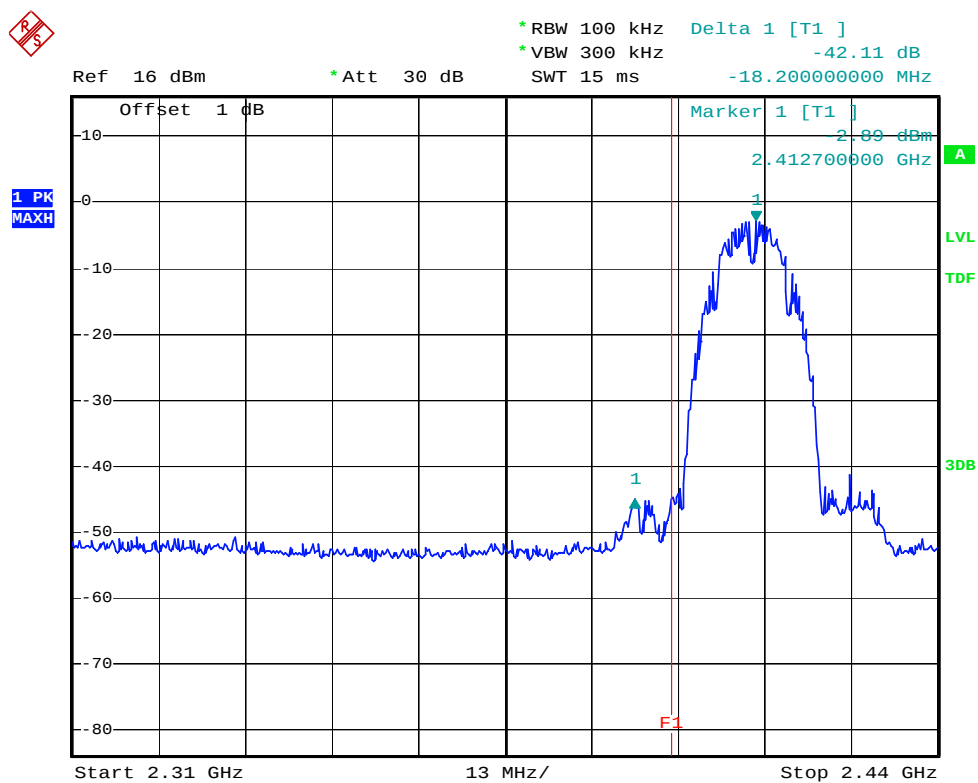
The test was performed with 802.11b		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	41.20	> 20dBc
2462	47.38	> 20dBc

The test was performed with 802.11g		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	31.82	> 20dBc
2462	41.00	> 20dBc

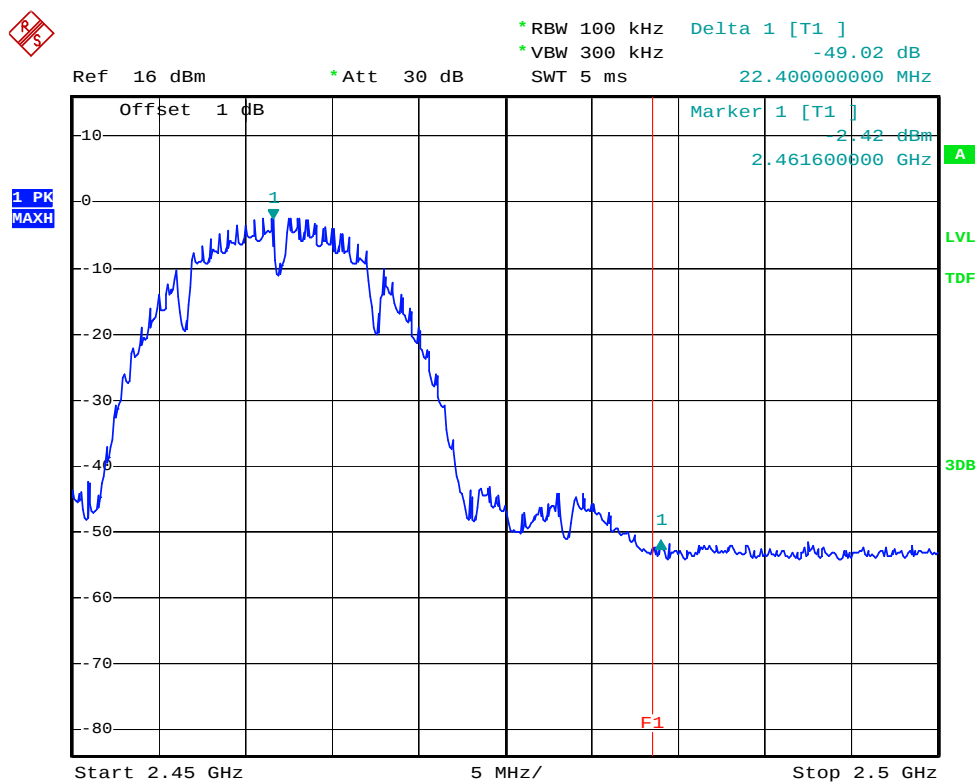
The test was performed with 802.11n (20MHz)		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	31.75	> 20dBc
2462	39.85	> 20dBc

The test was performed with 802.11n (40MHz)		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2422	24.56	> 20dBc
2452	27.36	> 20dBc

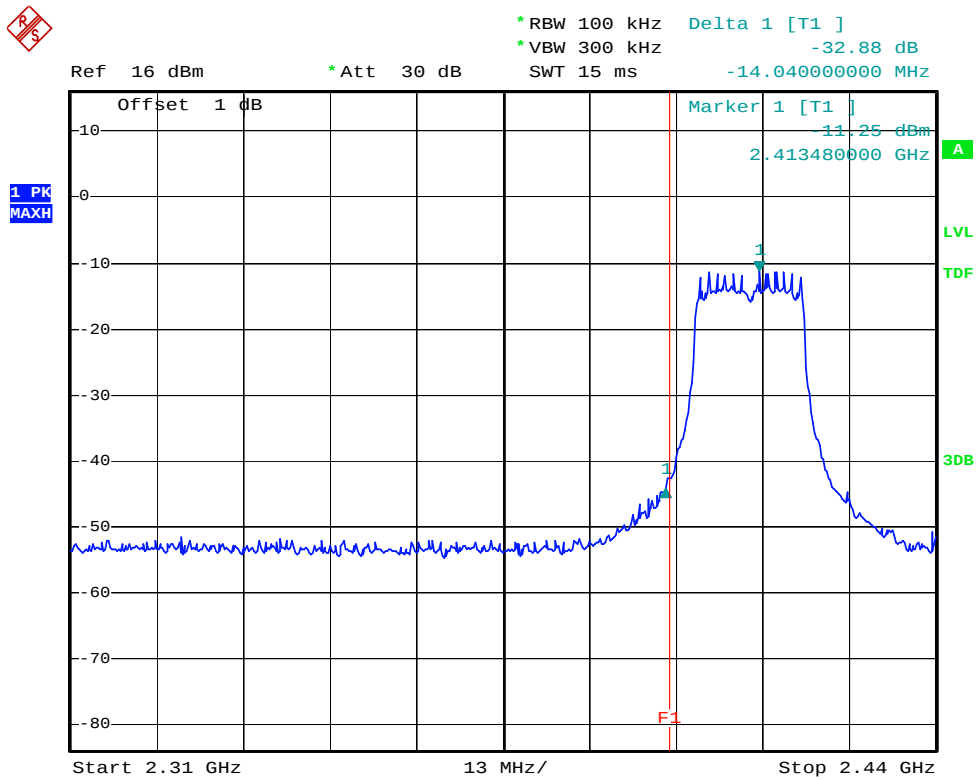
802.11b Channel Low 2412MHz



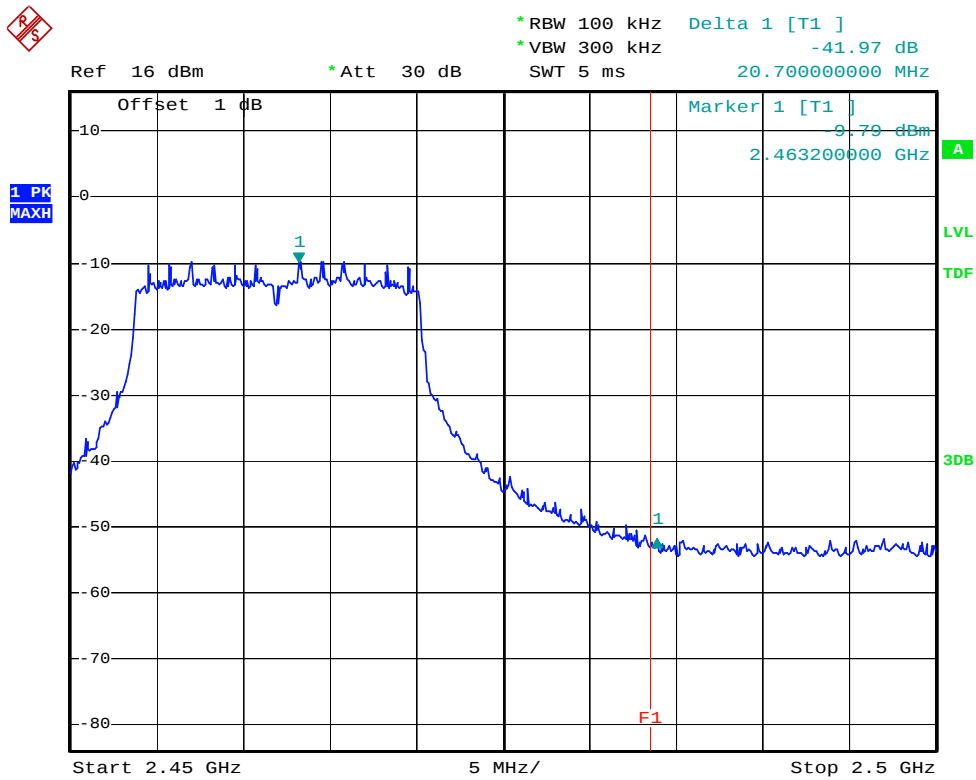
802.11b Channel High 2462MHz



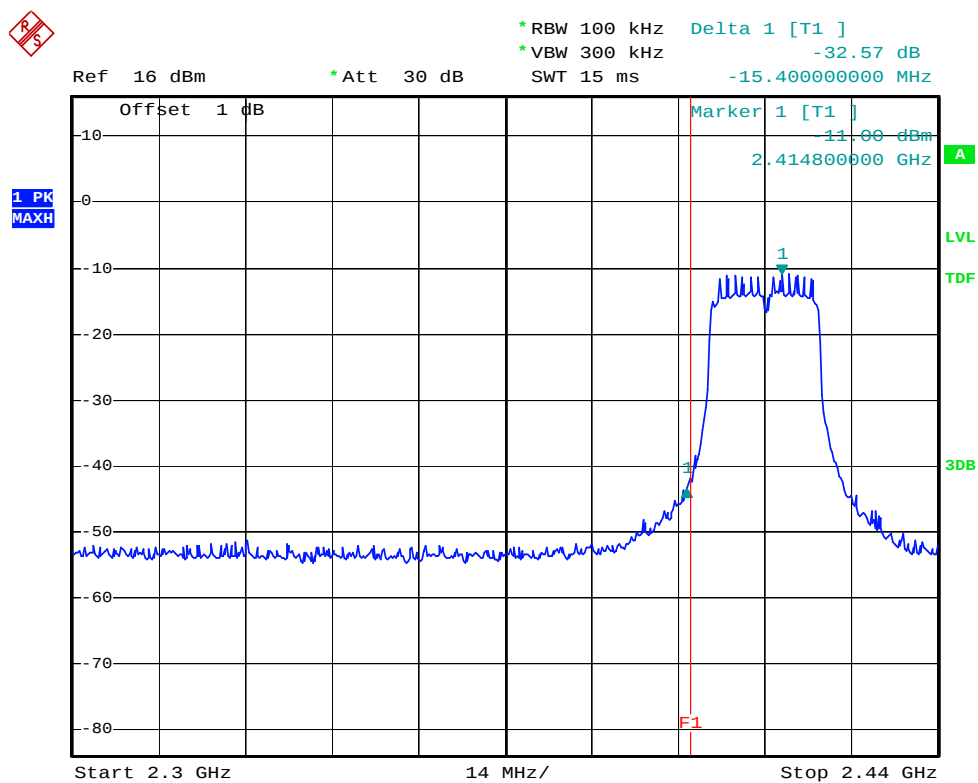
802.11g Channel Low 2412MHz



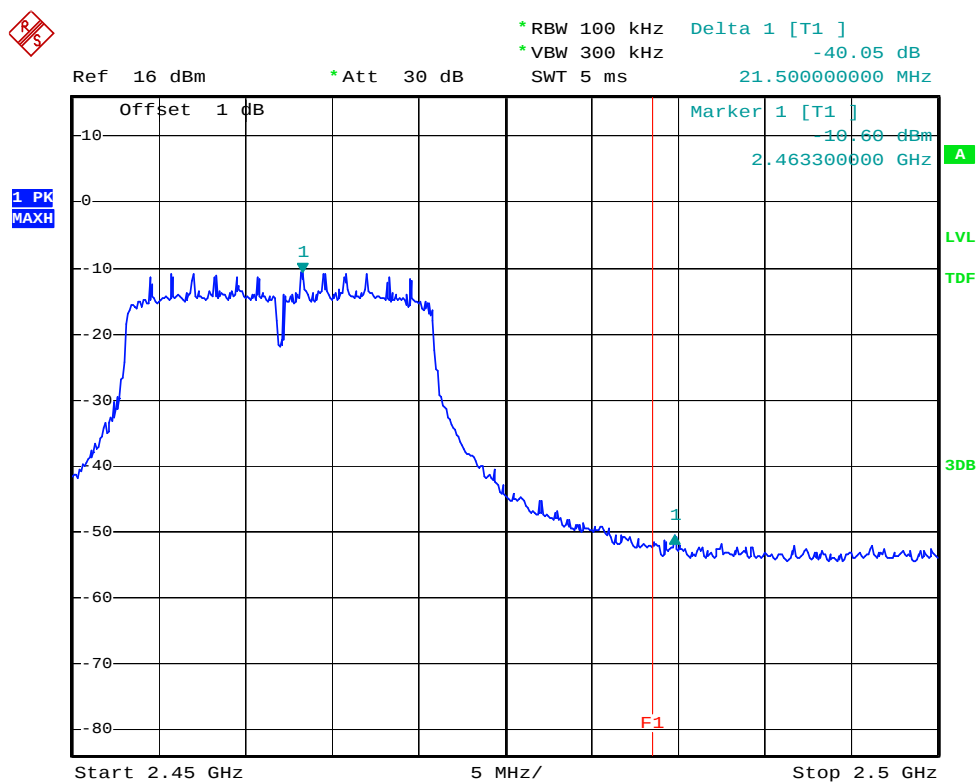
802.11g Channel High 2462MHz



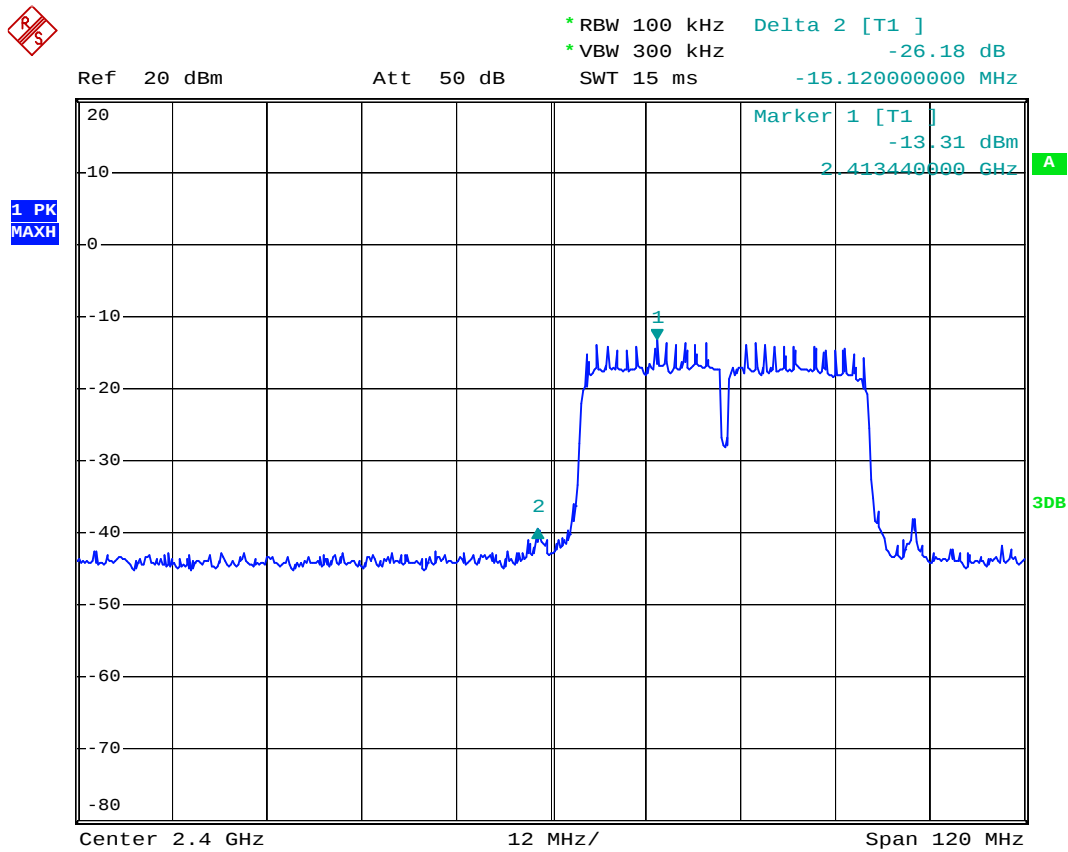
802.11n Channel Low 2412MHz (20MHz)



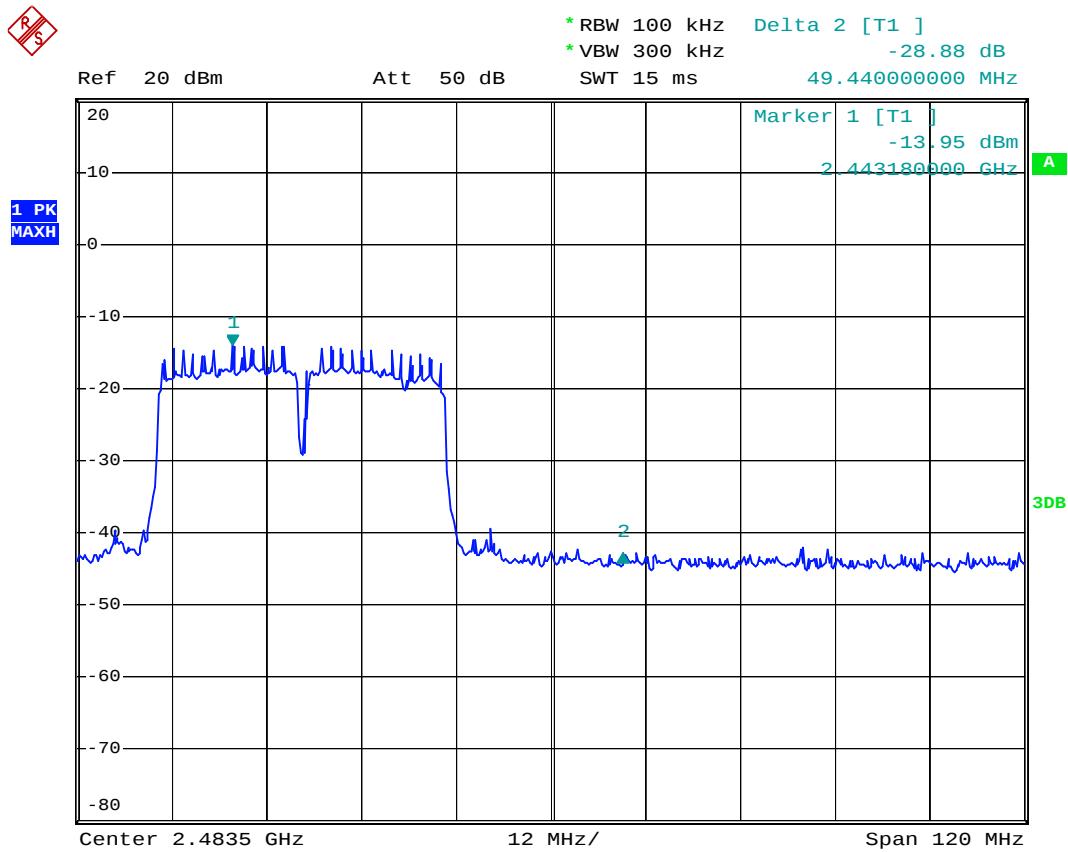
802.11n Channel High 2462MHz (20MHz)



802.11n Channel Low 2422MHz (40MHz)



802.11n Channel High 2452MHz (40MHz)



Radiated Band Edge Result

Date of Test:	<u>May 11, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 Inch Tablet PC /MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>APRIL T7</u>	Power Supply:	<u>AC 120V</u>
Test Mode:	<u>802.11b Channel Low 2412MHz</u>	Test Engineer:	<u>Allen</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	45.87	49.87	-7.49	38.38	42.38	54	74	-15.62	-31.62	Vertical
2400.000	52.05	55.86	-7.46	44.59	48.40	54	74	-9.41	-25.60	Vertical
2394.647	45.71	49.38	-7.49	38.22	41.89	54	74	-15.78	-32.11	Horizontal
2400.000	51.89	55.58	-7.46	44.43	48.12	54	74	-9.57	-25.88	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>May 11, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 Inch Tablet PC /MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>APRIL T7</u>	Power Supply:	<u>AC 120V</u>
Test Mode:	<u>802.11b Channel High 2462MHz</u>	Test Engineer:	<u>Allen</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	41.78	45.93	-7.37	34.41	38.56	54	74	-19.59	-35.44	Vertical
2487.556	44.35	48.69	-7.38	36.97	41.31	54	74	-17.03	-32.69	Vertical
2483.500	44.25	48.08	-7.37	36.88	40.71	54	74	-17.12	-33.29	Horizontal
2484.893	46.04	50.42	-7.38	38.66	43.04	54	74	-15.34	-30.96	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:	May 11, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Allen

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	
2396.618	53.14	57.08	-7.48	45.66	49.60	54	74	-8.34	-24.40	Vertical
2400.000	57.87	63.99	-7.46	50.41	56.53	54	74	-3.59	-17.47	Vertical
2398.855	58.36	63.91	-7.46	50.90	56.45	54	74	-3.10	-17.55	Horizontal
2400.000	58.12	66.85	-7.46	50.66	59.39	54	74	-3.34	-14.61	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:	May 11, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Allen

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	45.88	49.42	-7.37	38.51	42.05	54	74	-15.49	-31.95	Vertical
2484.954	46.35	50.39	-7.38	38.97	43.01	54	74	-15.03	-30.99	Vertical
2483.500	42.11	45.76	-7.37	34.74	38.39	54	74	-19.26	-35.61	Horizontal
2485.014	42.01	46.22	-7.38	34.63	38.84	54	74	-19.37	-35.16	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:	May 11, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
	802.11n Channel Low 2412MHz		
Test Mode:	(20MHz)	Test Engineer:	Allen

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	58.36	63.31	-7.47	50.89	55.84	54	74	-3.11	-18.16	Vertical
2400.000	58.34	62.01	-7.46	50.88	54.55	54	74	-3.12	-19.45	Vertical
2398.328	54.01	58.62	-7.47	46.54	51.15	54	74	-7.46	-22.85	Horizontal
2400.000	56.32	61.18	-7.46	48.86	53.72	54	74	-5.14	-20.28	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:

Result = Reading + Corrected Factor

3. Display the measurement of peak values.

Date of Test:	May 11, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11n Channel High 2462MHz (20MHz)	Test Engineer:	Allen

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	41.56	44.61	-7.37	34.19	37.24	54	74	-19.81	-36.76	Vertical
2486.406	42.01	47.93	-7.39	34.62	40.54	54	74	-19.38	-33.46	Vertical
2483.500	40.21	43.91	-7.37	32.84	36.54	54	74	-21.16	-37.46	Horizontal
2485.438	42.01	46.21	-7.38	34.63	38.83	54	74	-19.37	-35.17	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:	May 11, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11n Channel Low 2422MHz (40MHz)	Test Engineer:	Allen

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	56.21	59.98	-7.47	48.74	52.51	54	74	-5.26	-21.49	Vertical
2400.000	52.04	55.06	-7.46	44.58	47.60	54	74	-9.42	-26.40	Vertical
2398.328	52.05	55.10	-7.47	44.58	47.63	54	74	-9.42	-26.37	Horizontal
2400.000	48.47	51.69	-7.46	41.01	44.23	54	74	-12.99	-29.77	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:	May 11, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11n Channel High 2452MHz (40MHz)	Test Engineer:	Allen

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	44.23	47.65	-7.37	36.86	40.28	54	74	-17.14	-33.72	Vertical
2485.861	45.12	48.90	-7.38	37.74	41.52	54	74	-16.26	-32.48	Vertical
2483.500	42.24	45.97	-7.37	34.87	38.60	54	74	-19.13	-35.40	Horizontal
2485.014	43.60	47.95	-7.38	36.22	40.57	54	74	-17.78	-33.43	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.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #739

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 1(802.11b)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

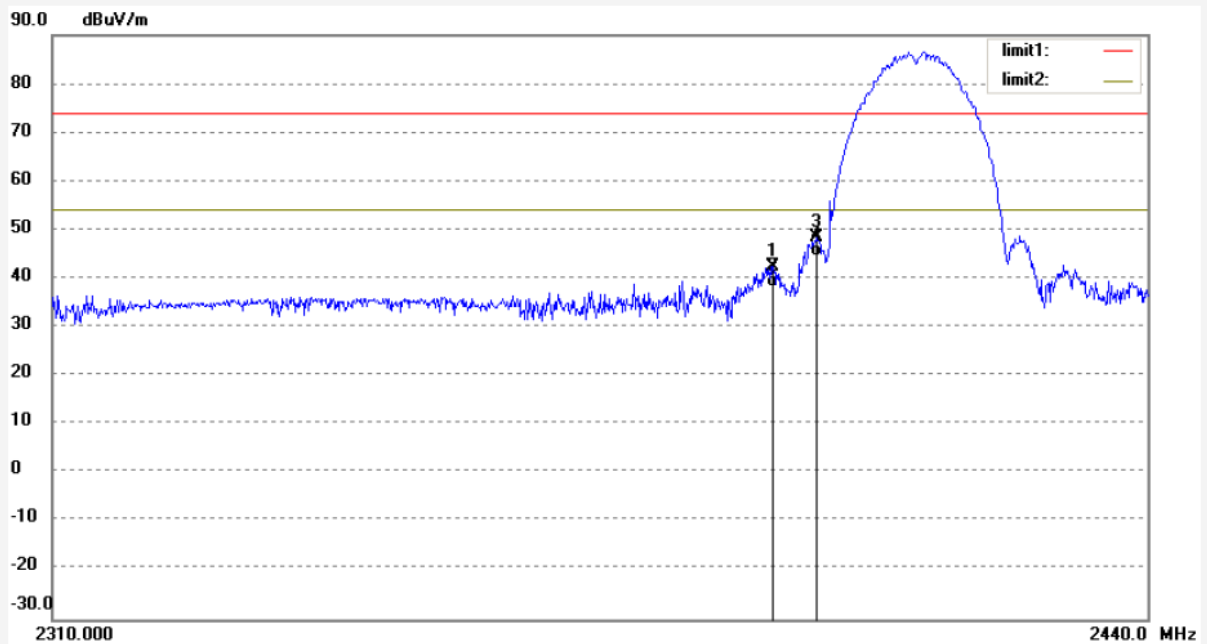
Date: 13/05/11/

Time: 9/10/35

Engineer Signature:

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	49.87	-7.49	42.38	74.00	-31.62	peak			
2	2394.778	45.87	-7.49	38.38	54.00	-15.62	AVG			
3	2400.000	55.86	-7.46	48.40	74.00	-25.60	peak			
4	2400.000	52.05	-7.46	44.59	54.00	-9.41	AVG			



ACCURATE TECHNOLOGY CO., LTD.

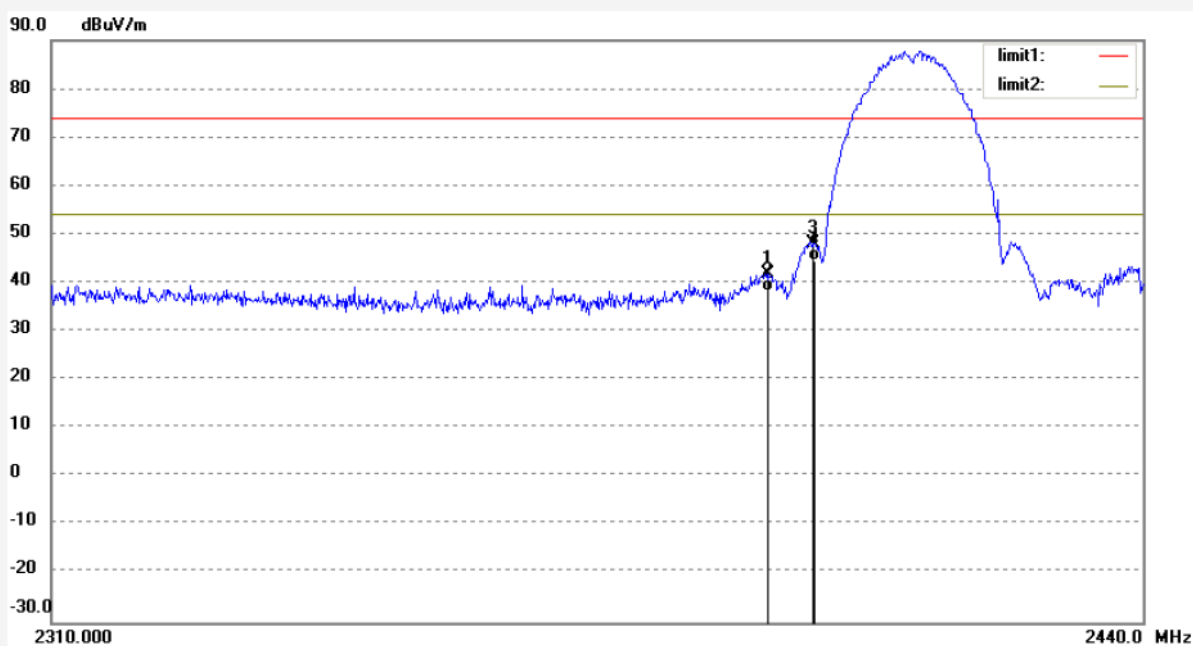
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ALEN #740
Standard: FCC 15C
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 7 Inch Tablet PC/MID
Mode: TX Channel 1(802.11b)
Model: APRIL T7
Manufacturer: April

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 13/05/11/
Time: 9/11/42
Engineer Signature:
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	49.38	-7.49	41.89	74.00	-32.11	peak			
2	2394.647	45.71	-7.49	38.22	54.00	-15.78	AVG			
3	2400.000	55.58	-7.46	48.12	74.00	-25.88	peak			
4	2400.000	51.89	-7.46	44.43	54.00	-9.57	AVG			



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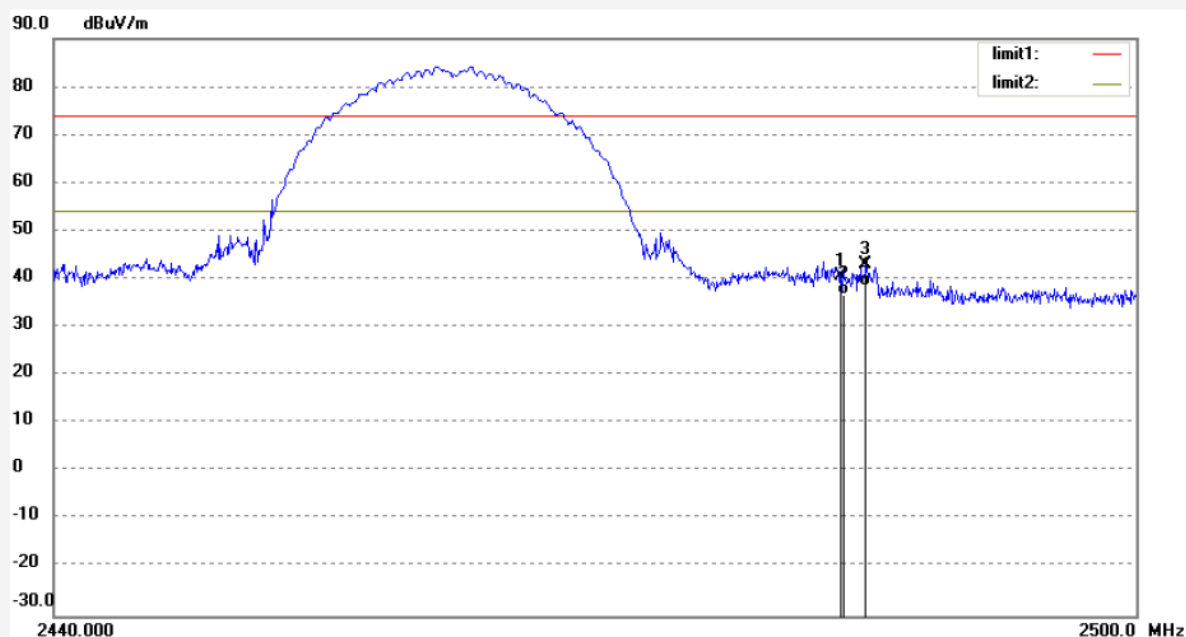
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ALEN #741
Standard: FCC 15C
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 7 Inch Tablet PC/MID
Mode: TX Channel 11(802.11b)
Model: APRIL T7
Manufacturer: April

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 13/05/11/
Time: 9/14/03
Engineer Signature:
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	48.08	-7.37	40.71	74.00	-33.29	peak			
2	2483.500	44.25	-7.37	36.88	54.00	-17.12	AVG			
3	2484.893	50.42	-7.38	43.04	74.00	-30.96	peak			
4	2484.893	46.04	-7.38	38.66	54.00	-15.34	AVG			



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Fax:+86-0755-26503396

Job No.: ALEN #742

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 12(802.11b)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

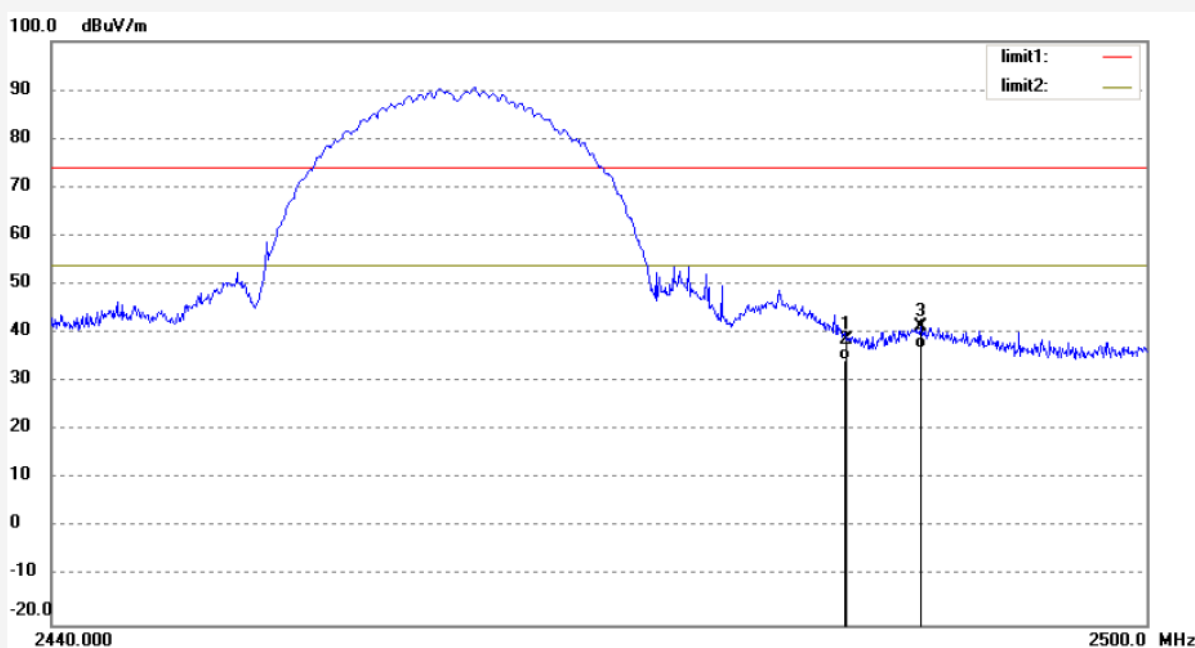
Date: 13/05/11/

Time: 9/15/14

Engineer Signature:

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	45.93	-7.37	38.56	74.00	-35.44	peak			
2	2483.500	41.78	-7.37	34.41	54.00	-19.59	AVG			
3	2487.556	48.69	-7.38	41.31	74.00	-32.69	peak			
4	2487.556	44.35	-7.38	36.97	54.00	-17.03	AVG			



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Fax:+86-0755-26503396

Job No.: ALEN #743

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 11(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

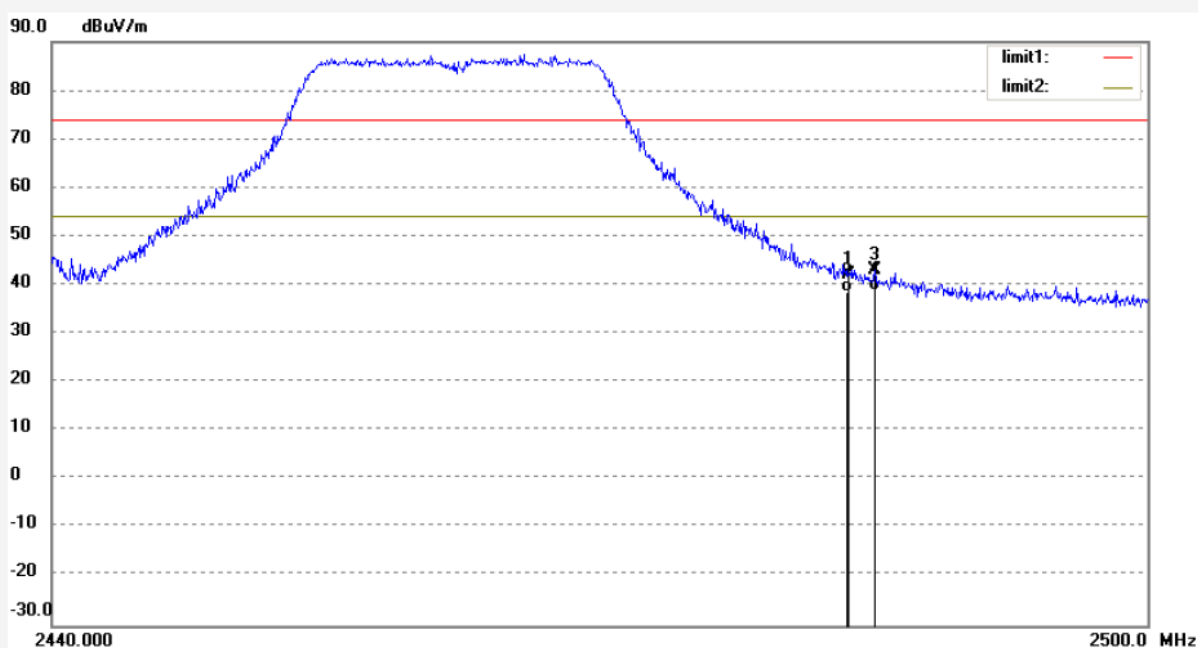
Date: 13/05/11/

Time: 9/17/52

Engineer Signature:

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	49.42	-7.37	42.05	74.00	-31.95	peak			
2	2483.500	45.88	-7.37	38.51	54.00	-15.49	AVG			
3	2484.954	50.39	-7.38	43.01	74.00	-30.99	peak			
4	2484.954	46.35	-7.38	38.97	54.00	-15.03	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #744

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 11(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

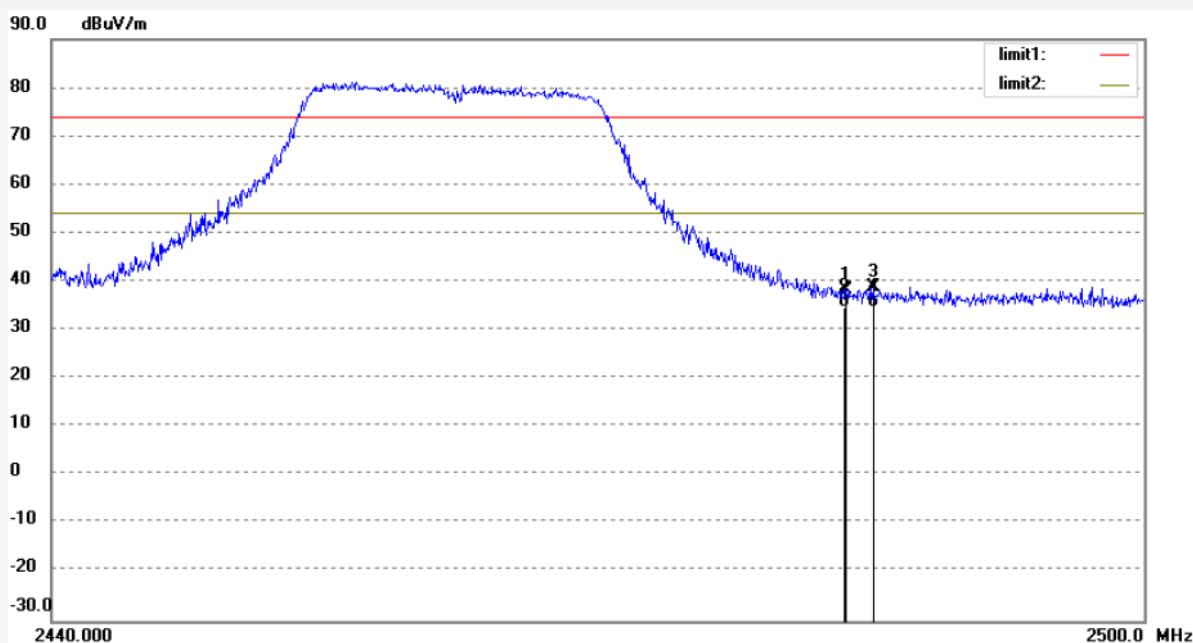
Date: 13/05/11/

Time: 9/19/19

Engineer Signature:

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	45.76	-7.37	38.39	74.00	-35.61	peak			
2	2483.500	42.11	-7.37	34.74	54.00	-19.26	AVG			
3	2485.014	46.22	-7.38	38.84	74.00	-35.16	peak			
4	2485.014	42.01	-7.38	34.63	54.00	-19.37	AVG			



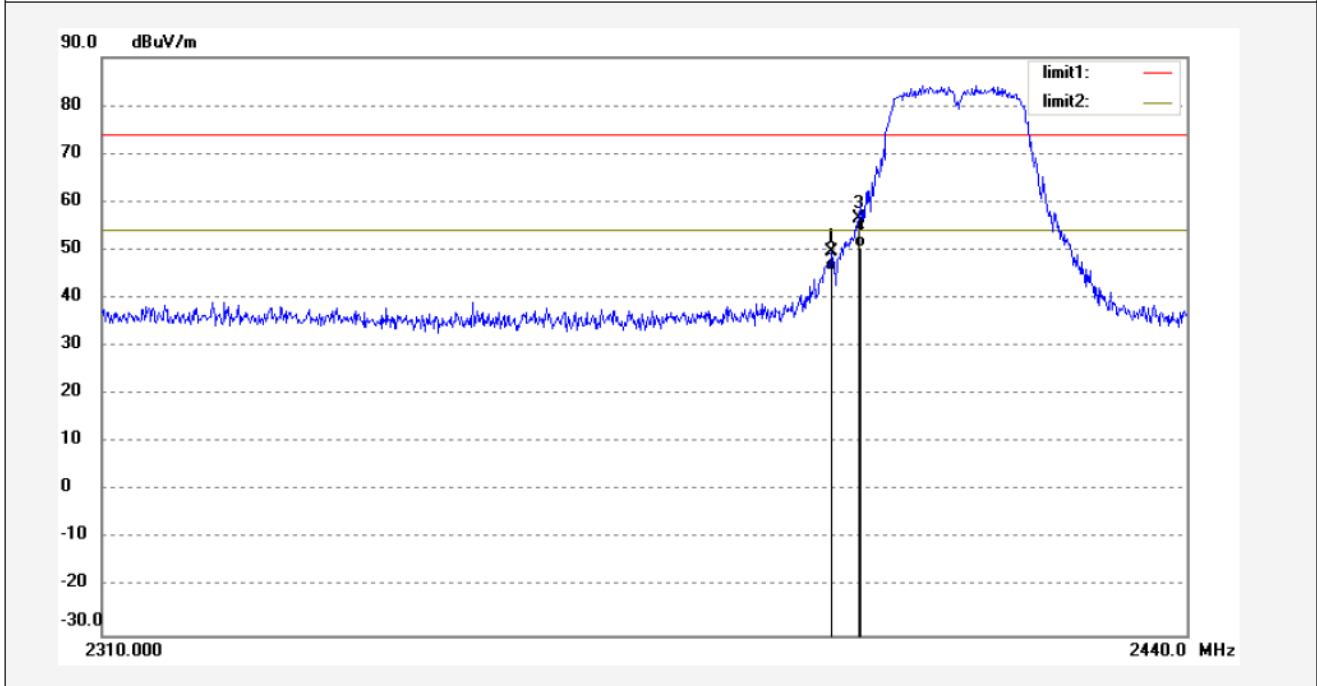
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ALEN #745	Polarization: Horizontal
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/05/11/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 9/21/28
EUT: 7 Inch Tablet PC/MID	Engineer Signature:
Mode: TX Channel 1(802.11g)	Distance: 3m
Model: APRIL T7	
Manufacturer: April	

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	57.08	-7.48	49.60	74.00	-24.40	peak			
2	2396.618	53.14	-7.48	45.66	54.00	-8.34	AVG			
3	2400.000	63.99	-7.46	56.53	74.00	-17.47	peak			
4	2400.000	57.87	-7.46	50.41	54.00	-3.59	AVG			


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Fax:+86-0755-26503396

Job No.: ALEN #746

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 1(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

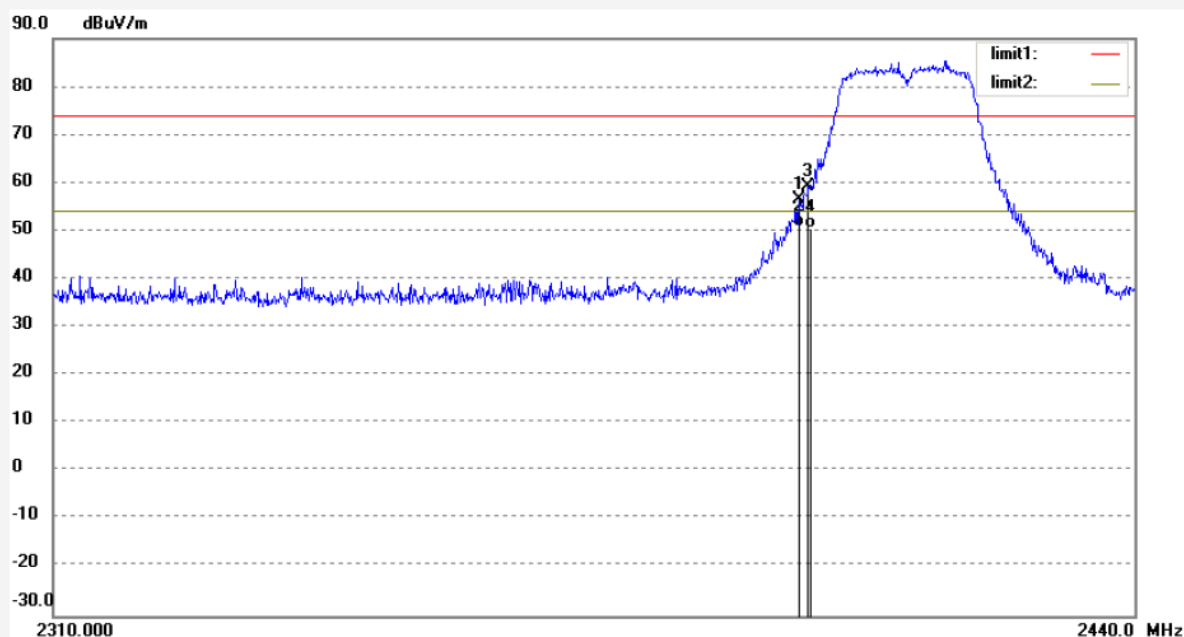
Date: 13/05/11/

Time: 9/23/02

Engineer Signature:

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	2398.855	63.91	-7.46	56.45	74.00	-17.55	peak			
2	2398.855	58.36	-7.46	50.90	54.00	-3.10	AVG			
3	2400.000	66.85	-7.46	59.39	74.00	-14.61	peak			
4	2400.000	58.12	-7.46	50.66	54.00	-3.34	AVG			


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Fax:+86-0755-26503396

Job No.: ALEN #747

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 1(802.11n)20MHz

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

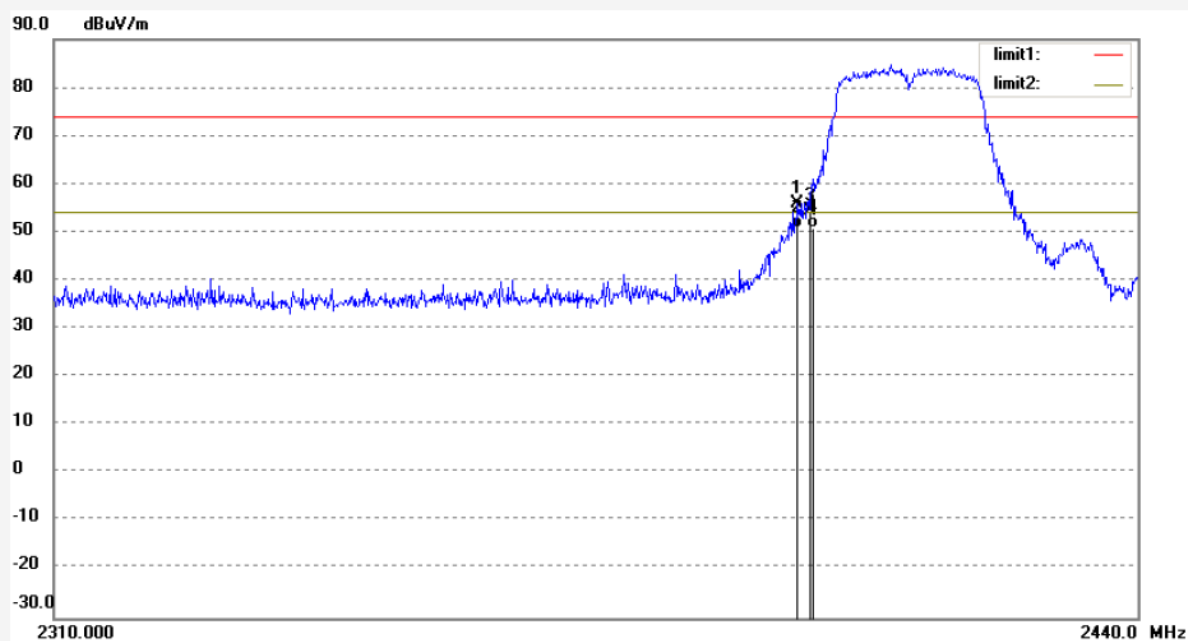
Date: 13/05/11/

Time: 9/26/49

Engineer Signature:

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	63.31	-7.47	55.84	74.00	-18.16	peak			
2	2398.460	58.36	-7.47	50.89	54.00	-3.11	AVG			
3	2400.000	62.01	-7.46	54.55	74.00	-19.45	peak			
4	2400.000	58.34	-7.46	50.88	54.00	-3.12	AVG			



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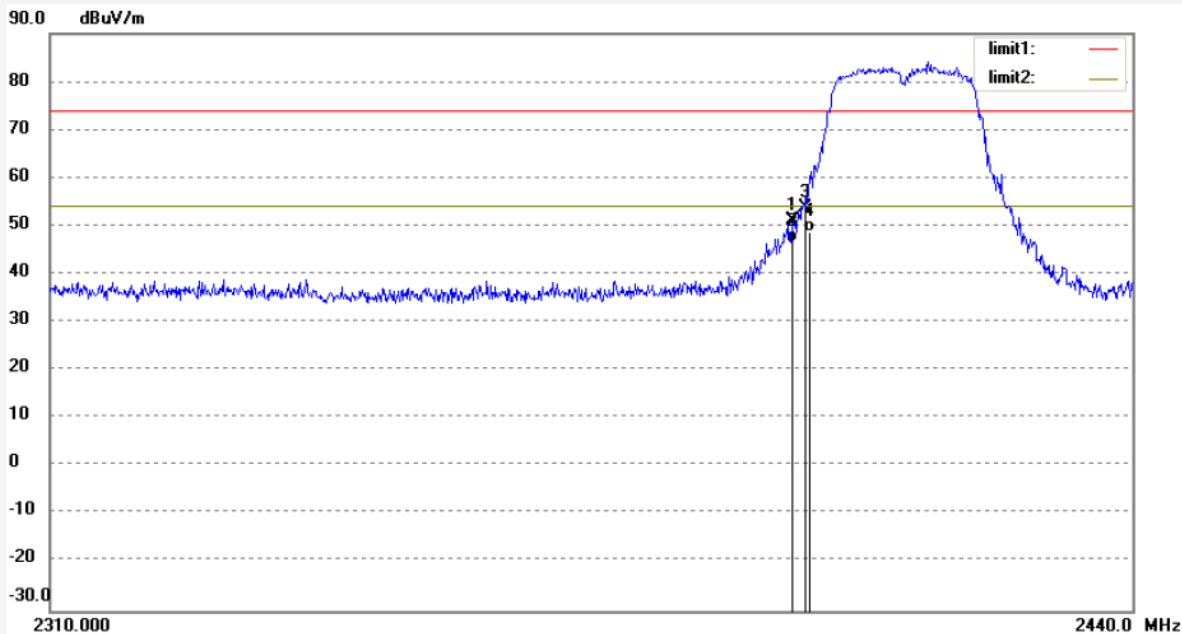
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ALEN #748
Standard: FCC 15C
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 7 Inch Tablet PC/MID
Mode: TX Channel 1(802.11n)20MHz
Model: APRIL T7
Manufacturer: April

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 13/05/11/
Time: 9/27/59
Engineer Signature:
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	2398.328	58.62	-7.47	51.15	74.00	-22.85	peak			
2	2398.328	54.01	-7.47	46.54	54.00	-7.46	AVG			
3	2400.000	61.18	-7.46	53.72	74.00	-20.28	peak			
4	2400.000	56.32	-7.46	48.86	54.00	-5.14	AVG			



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Fax:+86-0755-26503396

Job No.: ALEN #751

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 9(802.11n)40MHz

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

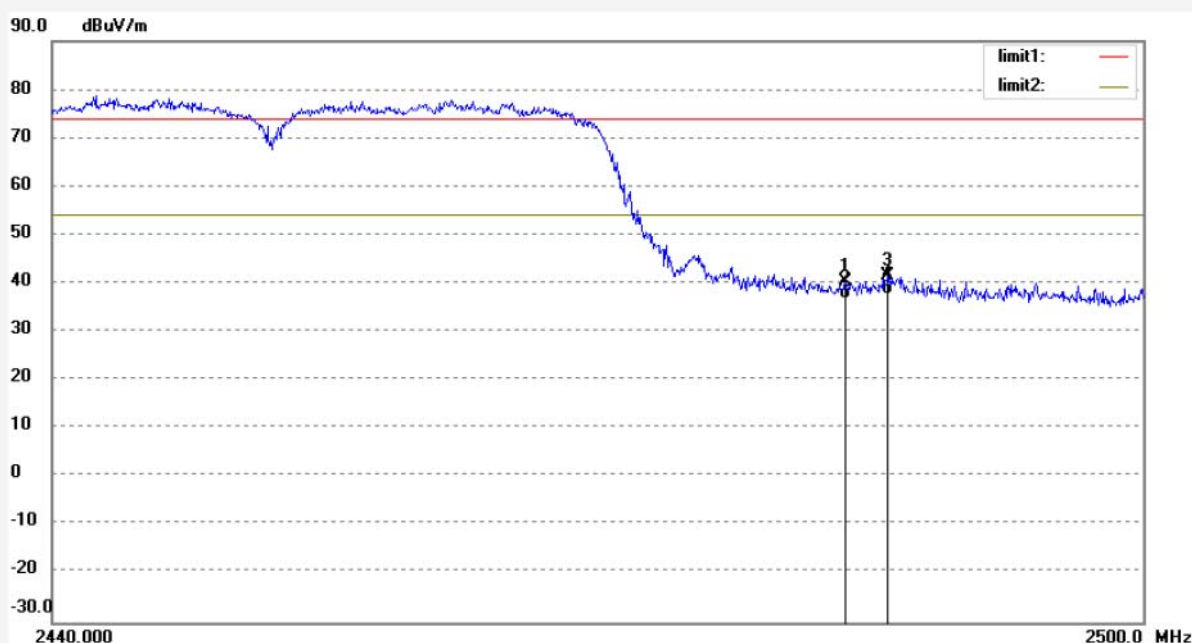
Date: 13/05/11/

Time: 9/37/16

Engineer Signature:

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	47.65	-7.37	40.28	74.00	-33.72	peak			
2	2483.500	44.23	-7.37	36.86	54.00	-17.14	AVG			
3	2485.861	48.90	-7.38	41.52	74.00	-32.48	peak			
4	2485.861	45.12	-7.38	37.74	54.00	-16.26	AVG			



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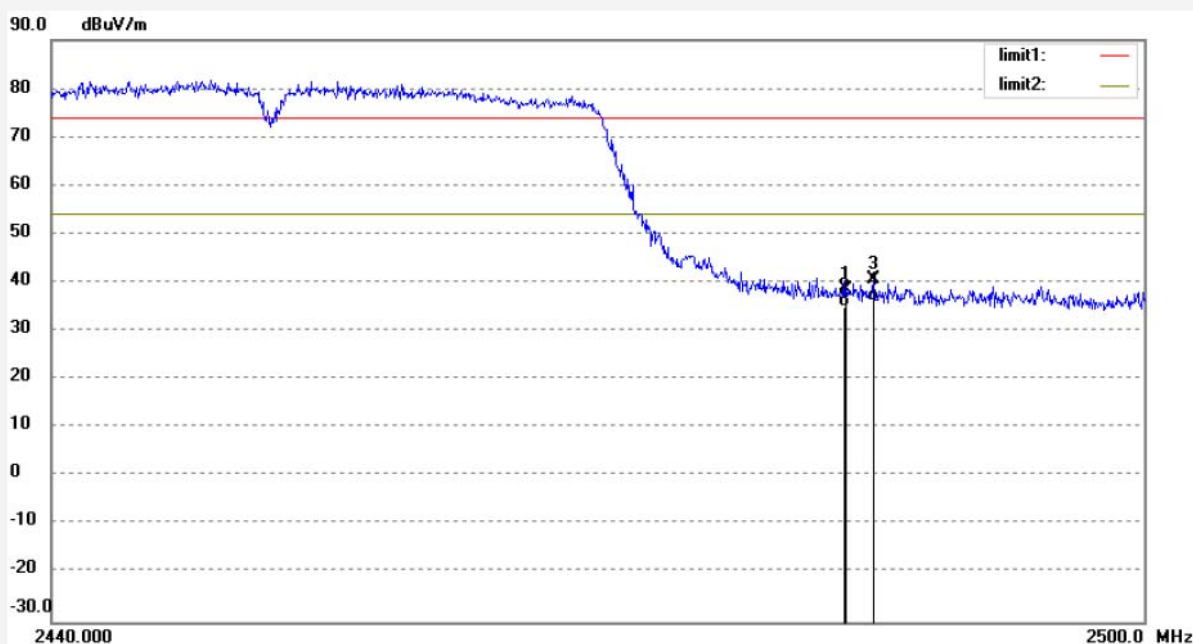
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ALEN #752
Standard: FCC 15C
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 7 Inch Tablet PC/MID
Mode: TX Channel 9(802.11n)40MHz
Model: APRIL T7
Manufacturer: April

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 13/05/11/
Time: 9/38/49
Engineer Signature:
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	45.97	-7.37	38.60	74.00	-35.40	peak			
2	2483.500	42.24	-7.37	34.87	54.00	-19.13	AVG			
3	2485.014	47.95	-7.38	40.57	74.00	-33.43	peak			
4	2485.014	43.60	-7.38	36.22	54.00	-17.78	AVG			



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Fax:+86-0755-26503396

Job No.: ALEN #753

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 3(802.11n)40MHz

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

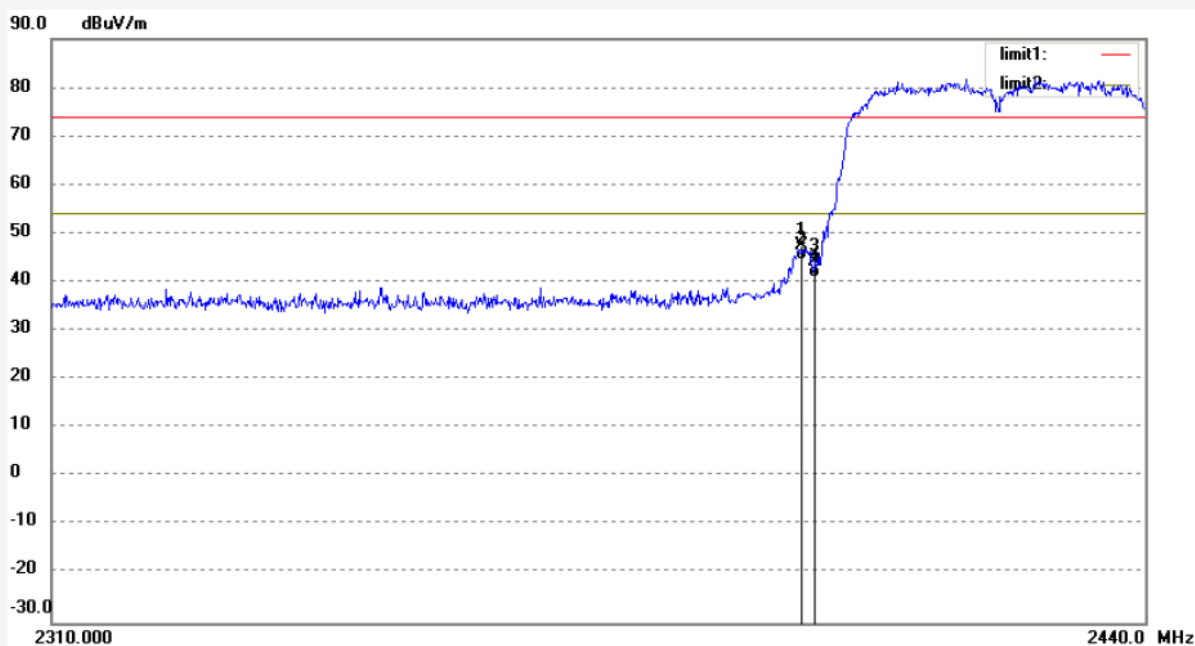
Date: 13/05/11/

Time: 9/40/53

Engineer Signature:

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	2398.328	55.10	-7.47	47.63	74.00	-26.37	peak			
2	2398.328	52.05	-7.47	44.58	54.00	-9.42	AVG			
3	2400.000	51.69	-7.46	44.23	74.00	-29.77	peak			
4	2400.000	48.47	-7.46	41.01	54.00	-12.99	AVG			



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Fax:+86-0755-26503396

Job No.: ALEN #754

Standard: FCC 15C

Test item: Radiation Test

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

EUT: 7 Inch Tablet PC/MID

Mode: TX Channel 3(802.11n)40MHz

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

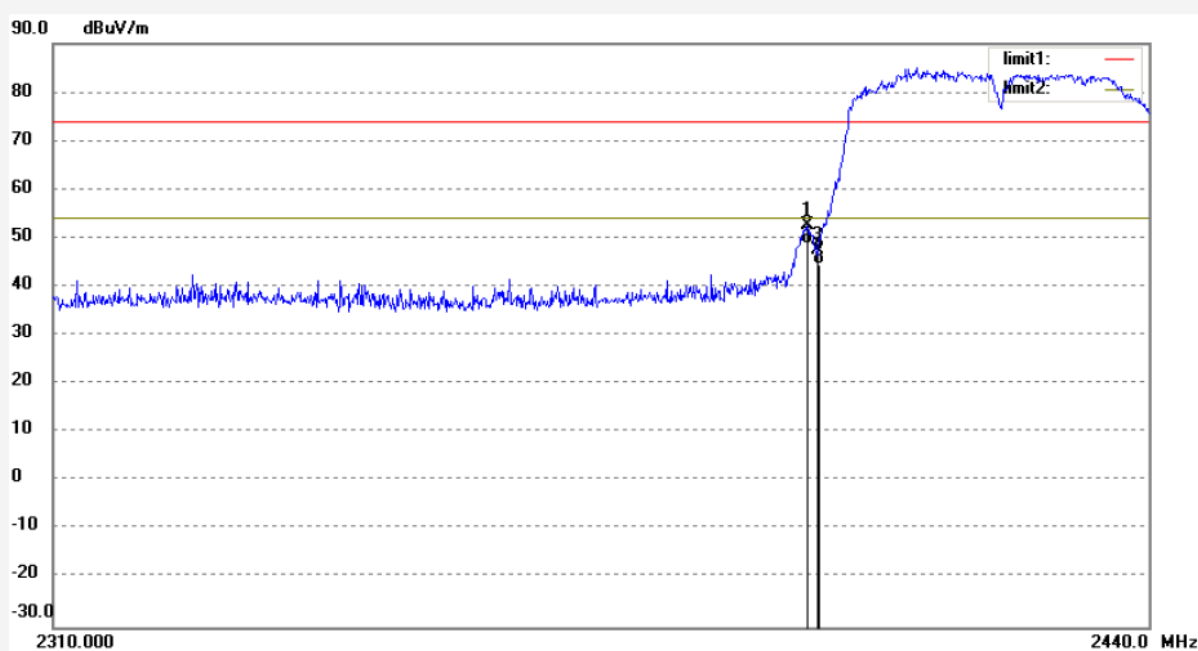
Date: 13/05/11/

Time: 9/43/03

Engineer Signature:

Distance: 3m

Note:

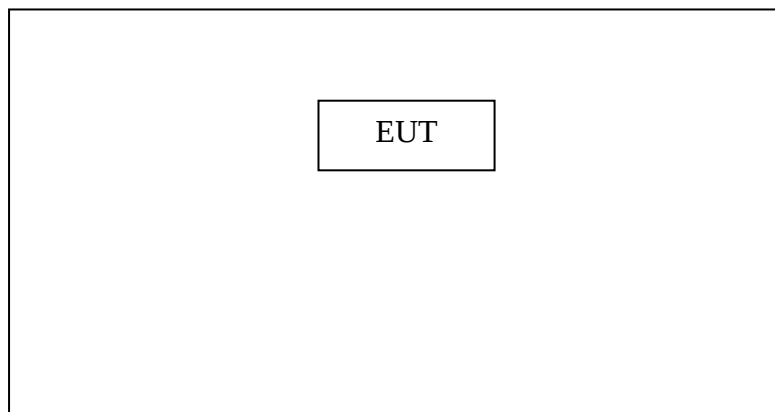


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.723	59.98	-7.47	52.51	74.00	-21.49	peak			
2	2398.723	56.21	-7.47	48.74	54.00	-5.26	AVG			
3	2400.000	55.06	-7.46	47.60	74.00	-26.40	peak			
4	2400.000	52.04	-7.46	44.58	54.00	-9.42	AVG			

9. RADIATED SPURIOUS EMISSION TEST

9.1. Block Diagram of Test Setup

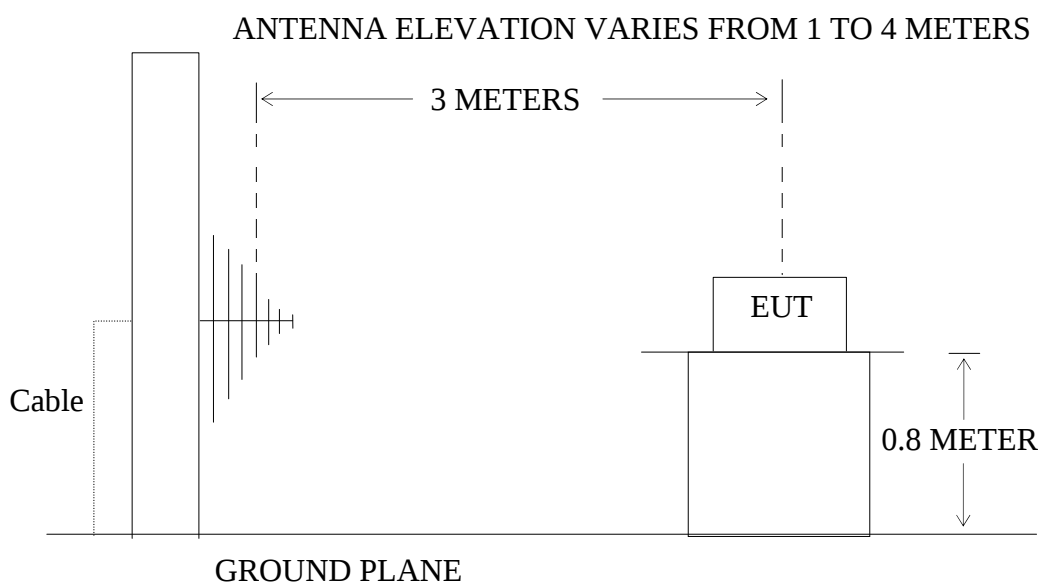
9.1.1. Block diagram of connection between the EUT and peripherals



Setup: Transmitting mode

(EUT: 7 Inch Tablet PC /MID)

9.1.2. Semi-Anechoic Chamber Test Setup Diagram



(EUT: 7 Inch Tablet PC /MID)

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
¹ 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	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510

²Above 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 PC /MID (EUT)

Model Number : APRIL T7
 Serial Number : N/A
 Manufacturer : April Computers L.L.C.

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:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Allen

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	
34.5172	47.69	-17.26	30.43	40.00	-9.57	Vertical
45.3755	50.86	-18.46	32.40	40.00	-7.60	Vertical
51.8430	54.36	-20.77	33.59	40.00	-6.41	Vertical
54.6428	49.68	-20.90	28.78	40.00	-11.22	Horizontal
155.3643	57.63	-24.34	33.29	43.50	-10.21	Horizontal
441.7425	41.35	-14.88	26.47	46.50	-20.03	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	46.78	49.26	-0.31	46.47	48.95	54	74	-7.53	-25.05	Vertical
4824.000	48.49	48.49	-0.31	48.18	48.18	54	74	-5.82	-25.82	Horizontal

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

2. *: Denotes restricted band of operation.

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11b Channel Middle 2437MHz	Test Engineer:	Allen

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	
34.3963	47.36	-17.28	30.08	40.00	-9.92	Vertical
45.2165	50.74	-18.38	32.36	40.00	-7.64	Vertical
52.0251	54.02	-20.78	33.24	40.00	-6.76	Vertical
54.2610	50.03	-20.89	29.14	40.00	-10.86	Horizontal
159.7844	48.85	-23.87	24.98	43.50	-18.52	Horizontal
441.7425	39.12	-14.88	24.24	46.50	-22.26	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	46.25	48.94	-0.08	46.17	48.86	54	74	-7.83	-25.14	Vertical
4874.000	46.23	49.06	-0.08	46.15	48.98	54	74	-7.85	-25.02	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Allen

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	
34.0363	48.85	-17.32	31.53	40.00	-8.47	Vertical
45.3755	50.01	-18.46	31.55	40.00	-8.45	Vertical
51.8430	54.63	-20.77	33.86	40.00	-6.14	Vertical
51.4806	48.86	-20.78	28.08	40.00	-11.92	Horizontal
159.7844	48.78	-23.87	24.91	43.50	-18.59	Horizontal
441.7425	42.45	-14.88	27.57	46.50	-18.93	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	44.65	47.54	0.30	44.95	47.84	54	74	-9.05	-26.16	Vertical
4924.000	45.01	48.76	0.30	45.31	49.06	54	74	-8.69	-24.94	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Allen

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	
34.3963	48.79	-17.28	31.51	40.00	-8.49	Vertical
45.3755	48.69	-18.46	30.23	40.00	-9.77	Vertical
51.8430	54.89	-20.77	34.12	40.00	-5.88	Vertical
51.4806	47.63	-20.78	26.85	40.00	-13.15	Horizontal
160.9088	50.20	-23.76	26.44	43.50	-17.06	Horizontal
441.7425	42.20	-14.88	27.32	46.50	-19.18	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	45.36	48.07	-0.31	45.05	47.76	54	74	-8.95	-26.24	Vertical
4824.000	45.02	47.80	-0.31	44.71	47.49	54	74	-9.29	-26.51	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11g Channel Middle 2437MHz	Test Engineer:	Allen

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	
34.5172	46.98	-17.26	29.72	40.00	-10.28	Vertical
45.2165	50.65	-18.38	32.27	40.00	-7.73	Vertical
51.4806	54.68	-20.74	33.94	40.00	-6.06	Vertical
51.4806	47.68	-20.78	26.90	40.00	-13.10	Horizontal
152.1297	51.65	-24.63	27.02	43.50	-16.48	Horizontal
441.7425	41.35	-14.88	26.47	46.50	-20.03	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	45.67	48.33	-0.08	45.59	48.25	54	74	-8.41	-25.75	Vertical
4874.000	48.94	48.94	-0.08	48.86	48.86	54	74	-5.14	-25.14	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Allen

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	
34.1561	48.53	-17.30	31.23	40.00	-8.77	Vertical
45.5347	50.53	-18.52	32.01	40.00	-7.99	Vertical
51.6615	54.68	-20.76	33.92	40.00	-6.08	Vertical
51.3004	48.69	-20.77	27.92	40.00	-12.08	Horizontal
155.3643	50.99	-24.34	26.65	43.50	-16.85	Horizontal
441.7425	42.00	-14.88	27.12	46.50	-19.38	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	44.56	47.21	0.30	44.86	47.51	54	74	-9.14	-26.49	Vertical
4924.000	45.12	47.74	0.30	45.42	48.04	54	74	-8.58	-25.96	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
	802.11n Channel Low 2412MHz		
Test Mode:	(20MHz)	Test Engineer:	Allen

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	
34.5172	48.89	-17.26	31.63	40.00	-8.37	Vertical
45.3755	50.01	-18.46	31.55	40.00	-8.45	Vertical
51.8430	54.98	-20.77	34.21	40.00	-5.79	Vertical
51.4806	48.05	-20.78	27.27	40.00	-12.73	Horizontal
162.0414	47.21	-23.64	23.57	43.50	-19.93	Horizontal
408.9460	42.65	-15.48	27.17	46.50	-19.33	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	44.89	47.53	-0.31	44.58	47.22	54	74	-9.42	-26.78	Vertical
4824.000	45.02	47.76	-0.31	44.71	47.45	54	74	-9.29	-26.55	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
Test Mode:	802.11n Channel Middle 2437MHz (20MHz)	Test Engineer:	Allen

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	
34.3963	49.36	-17.28	32.08	40.00	-7.92	Vertical
45.0583	48.74	-18.31	30.43	40.00	-9.57	Vertical
51.8430	53.94	-20.77	33.17	40.00	-6.83	Vertical
51.4806	48.70	-20.78	27.92	40.00	-12.08	Horizontal
161.4740	48.68	-23.69	24.99	43.50	-18.51	Horizontal
441.7425	41.23	-14.88	26.35	46.50	-20.15	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	45.87	48.66	-0.08	45.79	48.58	54	74	-8.21	-25.42	Vertical
4874.000	45.15	48.23	-0.08	45.07	48.15	54	74	-8.93	-25.85	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
	802.11n Channel High 2462MHz		
Test Mode:	(20MHz)	Test Engineer:	Allen

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	
34.3963	48.65	-17.28	31.37	40.00	-8.63	Vertical
45.3755	50.01	-18.46	31.55	40.00	-8.45	Vertical
51.8430	54.52	-20.77	33.75	40.00	-6.25	Vertical
51.4806	48.06	-20.78	27.28	40.00	-12.72	Horizontal
158.1123	50.32	-24.05	26.27	40.00	-17.23	Horizontal
441.7425	42.39	-14.88	27.51	40.00	-18.99	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	44.68	47.23	0.30	44.98	47.53	54	74	-9.02	-26.47	Vertical
4924.000	44.36	46.91	0.30	44.66	47.21	54	74	-9.34	-26.79	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
	802.11n Channel Low 2422MHz		
Test Mode:	(40MHz)	Test Engineer:	Allen

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	
						Vertical
						Vertical
						Vertical
						Horizontal
						Horizontal
						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	
4844.000	44.89	47.74	-0.31	44.58	47.43	54	74	-9.42	-26.57	Vertical
4844.000	45.21	48.31	-0.31	44.90	48.00	54	74	-9.10	-26.00	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
	802.11n Channel Middle 2437MHz		
Test Mode:	(40MHz)	Test Engineer:	Allen

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	
						Vertical
						Vertical
						Vertical
						Horizontal
						Horizontal
						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	48.49	48.49	-0.08	48.41	48.41	54	74	-5.59	-25.59	Vertical
4874.000	45.02	47.74	-0.08	44.94	47.66	54	74	-9.06	-26.34	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**

Date of Test:	May 9, 2013	Temperature:	25°C
EUT:	7 Inch Tablet PC /MID	Humidity:	50%
Model No.:	APRIL T7	Power Supply:	AC 120V
	802.11n Channel High 2452MHz		
Test Mode:	(40MHz)	Test Engineer:	Allen

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	
34.2760	48.21	-17.29	30.92	40.00	-9.08	Vertical
45.2165	47.10	-18.38	28.72	40.00	-11.28	Vertical
51.6615	54.54	-20.76	33.78	40.00	-6.22	Vertical
51.4806	48.35	-20.78	27.57	40.00	-12.43	Horizontal
155.3643	48.79	-24.34	24.45	43.50	-19.05	Horizontal
441.7425	41.42	-14.88	26.54	46.50	-19.96	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	44.68	47.08	0.30	44.95	47.38	54	74	-9.05	-26.62	Vertical
4904.00	45.12	47.96	0.30	45.42	48.26	54	74	-8.58	-25.74	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.**



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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.: alen #510

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2412MHz(802.11b)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

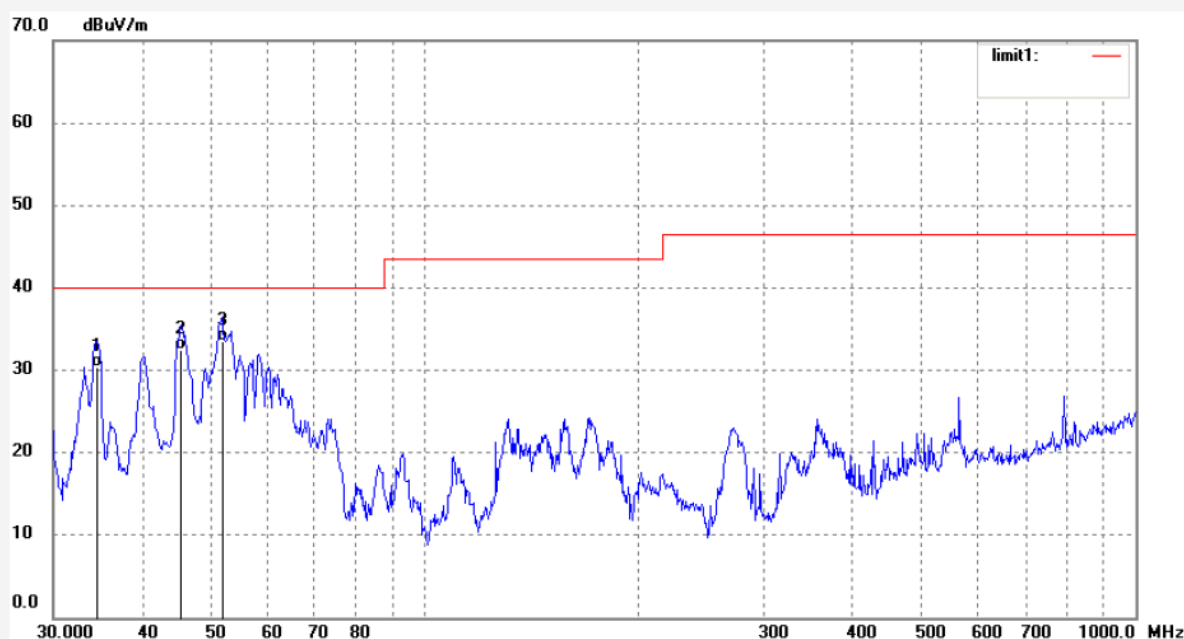
Date: 2013/05/09

Time: 17:21:08

Engineer Signature:

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	34.5172	47.69	-17.26	30.43	40.00	-9.57	QP			
2	45.3755	50.86	-18.46	32.40	40.00	-7.60	QP			
3	51.8430	54.36	-20.77	33.59	40.00	-6.41	QP			



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

Job No.: alen #511

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2412MHz(802.11b)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

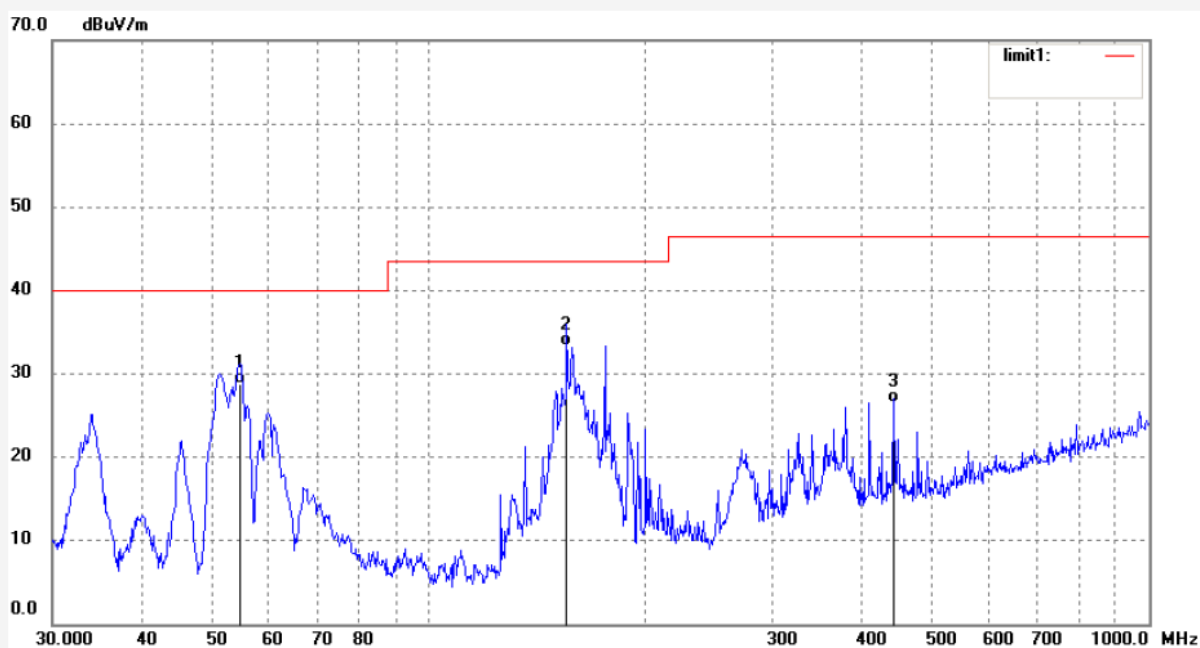
Date: 2013/05/09

Time: 17:22:02

Engineer Signature:

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	54.6428	49.68	-20.90	28.78	40.00	-11.22	QP			
2	155.3643	57.63	-24.34	33.29	43.50	-10.21	QP			
3	441.7425	41.35	-14.88	26.47	46.50	-20.03	QP			



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

Job No.: alen #512

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2437MHz(802.11b)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

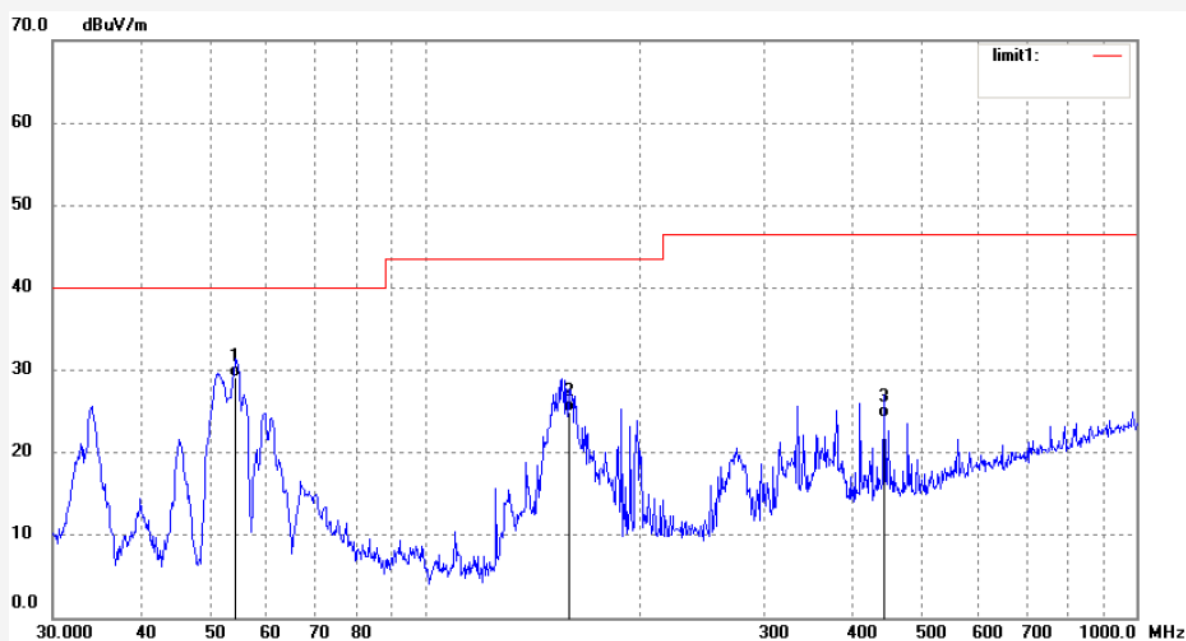
Date: 2013/05/09

Time: 17:22:45

Engineer Signature:

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	54.2610	50.03	-20.89	29.14	40.00	-10.86	QP			
2	159.7844	48.85	-23.87	24.98	43.50	-18.52	QP			
3	441.7425	39.12	-14.88	24.24	46.50	-22.26	QP			



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

Job No.: alen #513

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2437MHz(802.11b)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

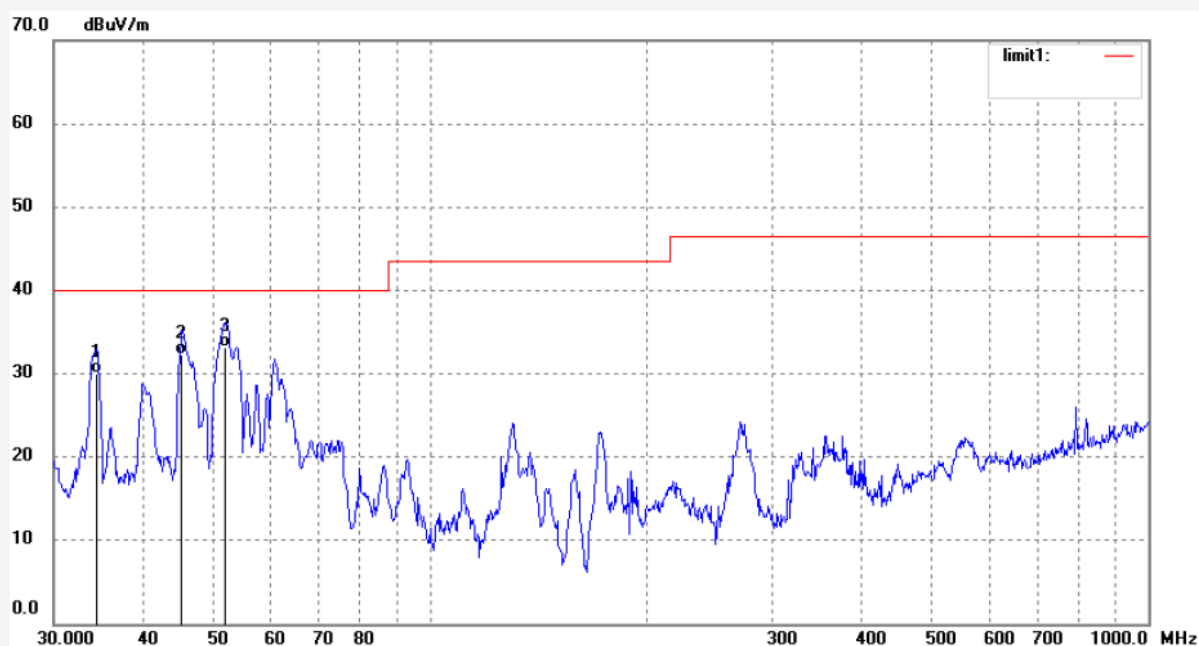
Date: 2013/05/09

Time: 17:23:35

Engineer Signature:

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	34.3963	47.36	-17.28	30.08	40.00	-9.92	QP			
2	45.2165	50.74	-18.38	32.36	40.00	-7.64	QP			
3	52.0251	54.02	-20.78	33.24	40.00	-6.76	QP			



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

Job No.: alen #514

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2462MHz(802.11b)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

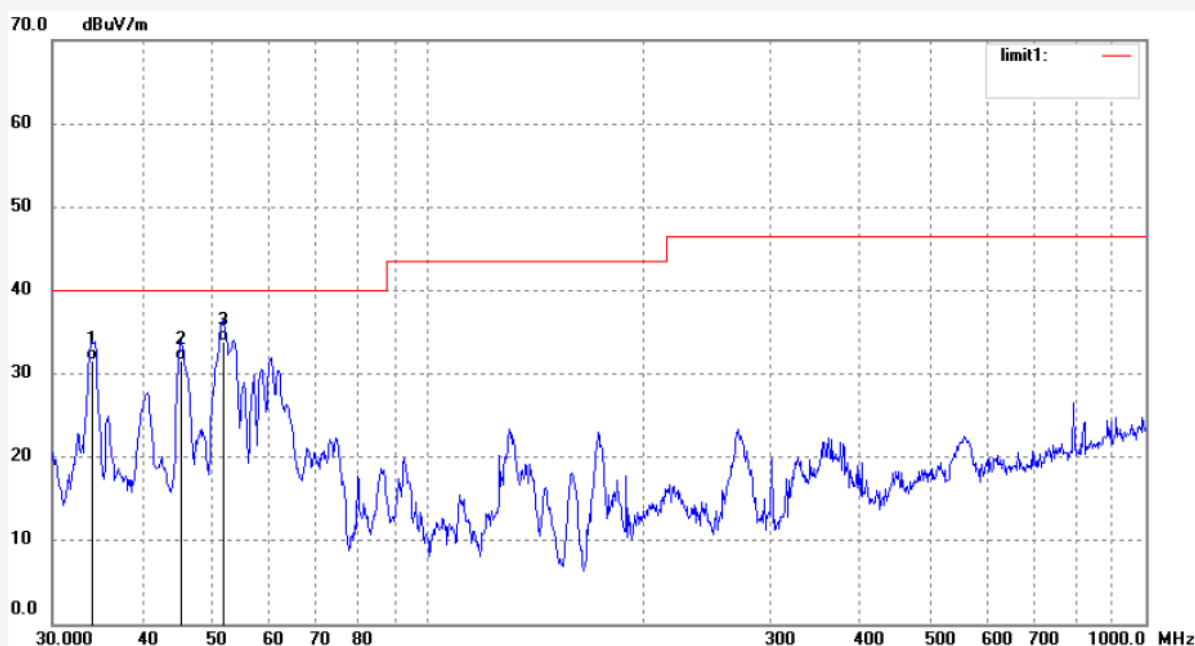
Date: 2013/05/09

Time: 17:24:34

Engineer Signature:

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	34.0363	48.85	-17.32	31.53	40.00	-8.47	QP			
2	45.3755	50.01	-18.46	31.55	40.00	-8.45	QP			
3	51.8430	54.63	-20.77	33.86	40.00	-6.14	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #515

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2462MHz(802.11b)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

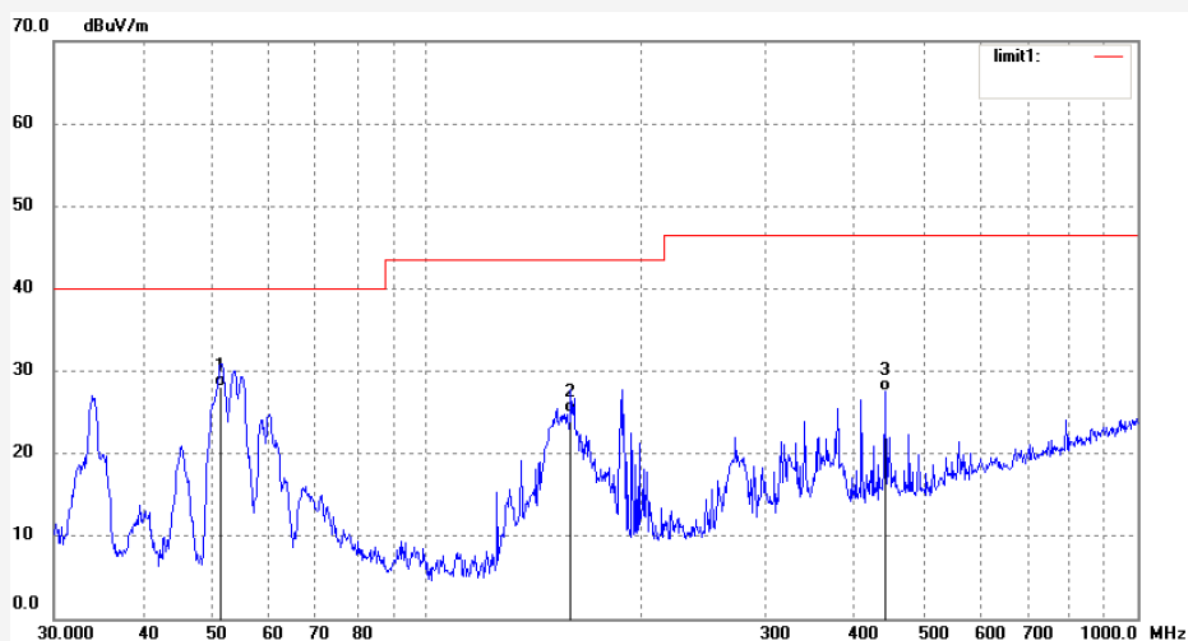
Date: 2013/05/09

Time: 17:25:26

Engineer Signature:

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	51.4806	48.86	-20.78	28.08	40.00	-11.92	QP			
2	159.7844	48.78	-23.87	24.91	43.50	-18.59	QP			
3	441.7425	42.45	-14.88	27.57	46.50	-18.93	QP			



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

Job No.: alen #516

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2462MHz(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

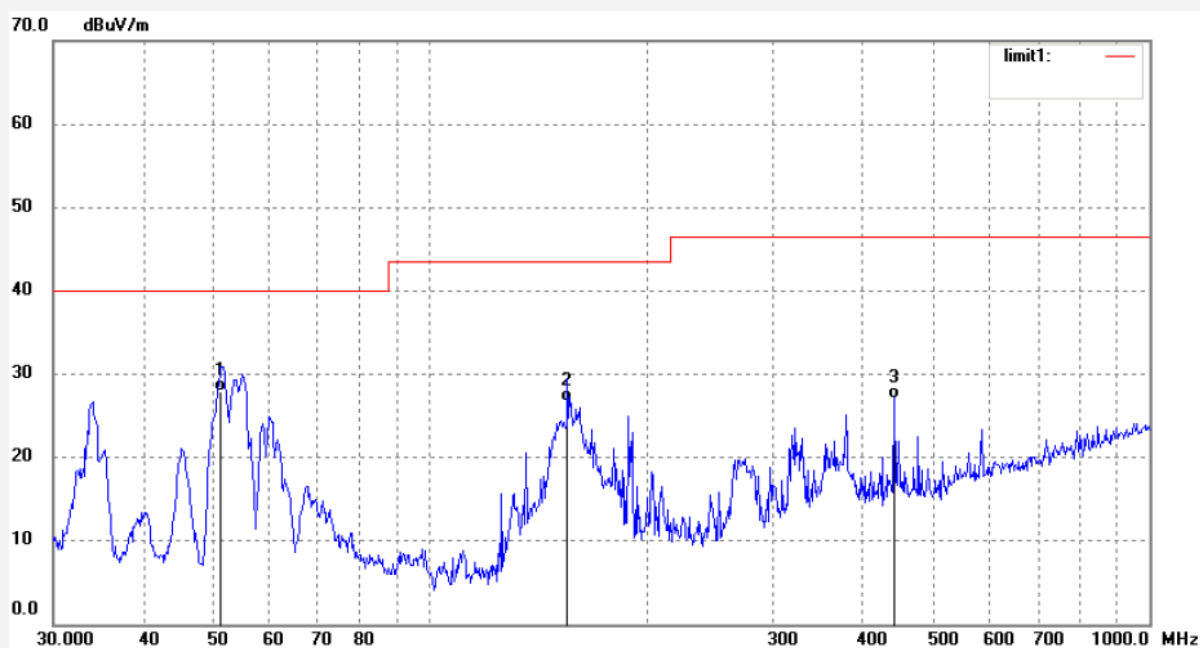
Date: 2013/05/09

Time: 17:26:15

Engineer Signature:

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	51.3004	48.69	-20.77	27.92	40.00	-12.08	QP			
2	155.3643	50.99	-24.34	26.65	43.50	-16.85	QP			
3	441.7425	42.00	-14.88	27.12	46.50	-19.38	QP			



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

Job No.: alen #517

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2462MHz(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

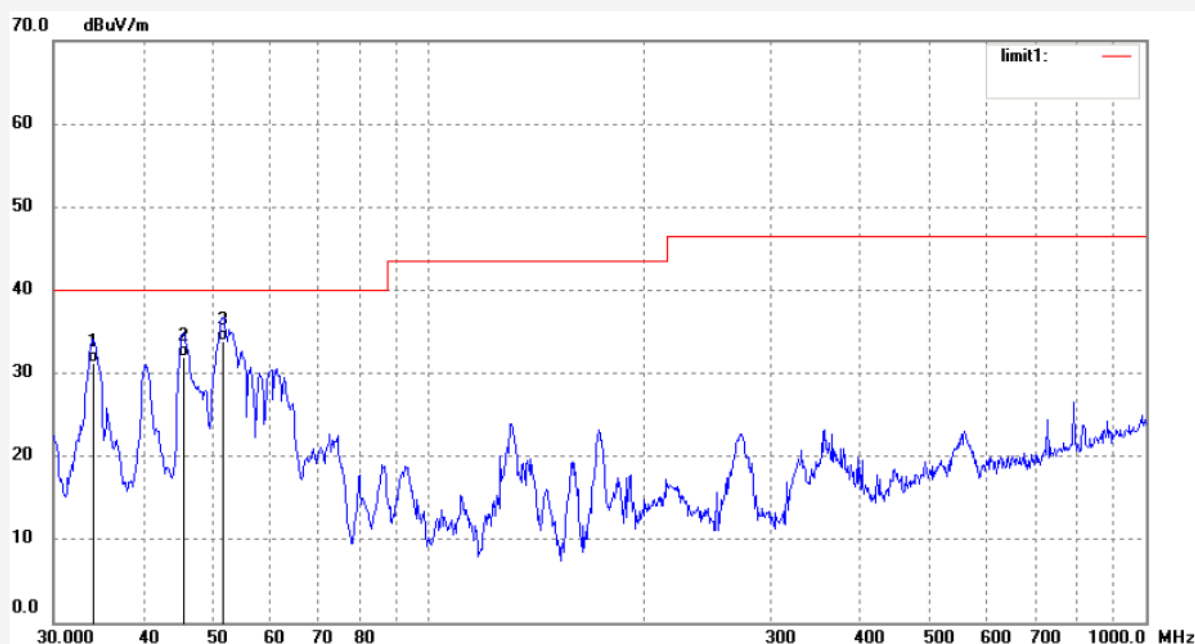
Date: 2013/05/09

Time: 17:27:10

Engineer Signature:

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	34.1561	48.53	-17.30	31.23	40.00	-8.77	QP			
2	45.5347	50.53	-18.52	32.01	40.00	-7.99	QP			
3	51.6615	54.68	-20.76	33.92	40.00	-6.08	QP			



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

Job No.: alen #518

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2437MHz(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

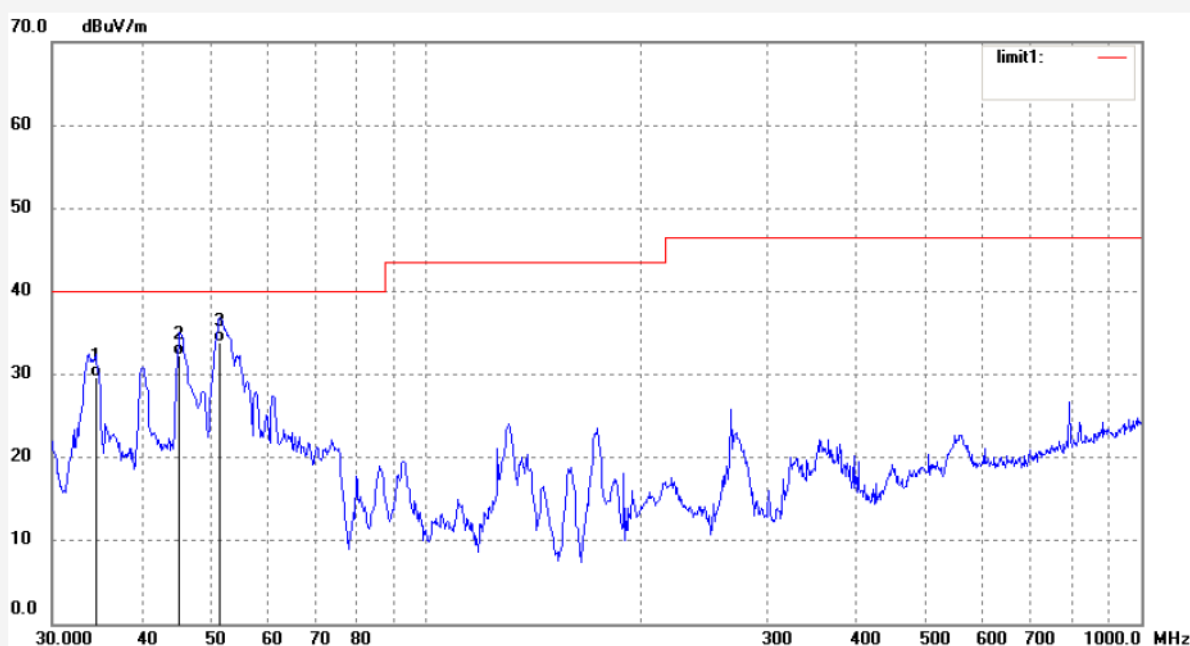
Date: 2013/05/09

Time: 17:28:54

Engineer Signature:

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	34.5172	46.98	-17.26	29.72	40.00	-10.28	QP			
2	45.2165	50.65	-18.38	32.27	40.00	-7.73	QP			
3	51.4806	54.68	-20.74	33.94	40.00	-6.06	QP			



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

Job No.: alen #519

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2437MHz(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

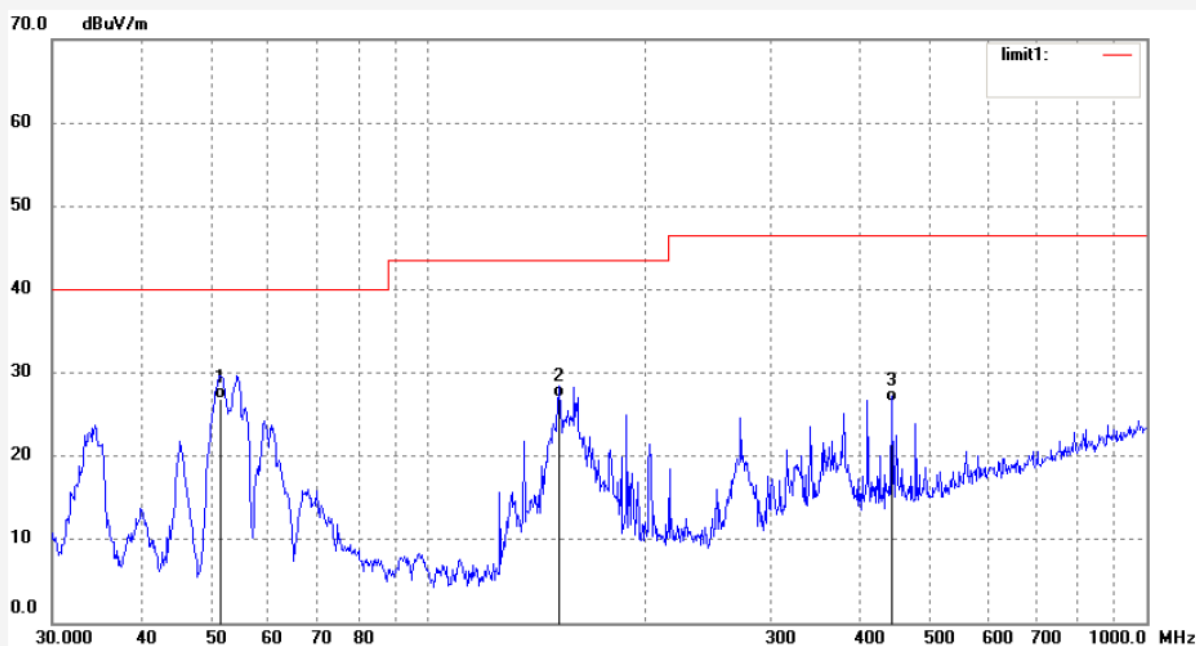
Date: 2013/05/09

Time: 17:30:26

Engineer Signature:

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	51.4806	47.68	-20.78	26.90	40.00	-13.10	QP			
2	152.1297	51.65	-24.63	27.02	43.50	-16.48	QP			
3	441.7425	41.35	-14.88	26.47	46.50	-20.03	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #520

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2412MHz(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

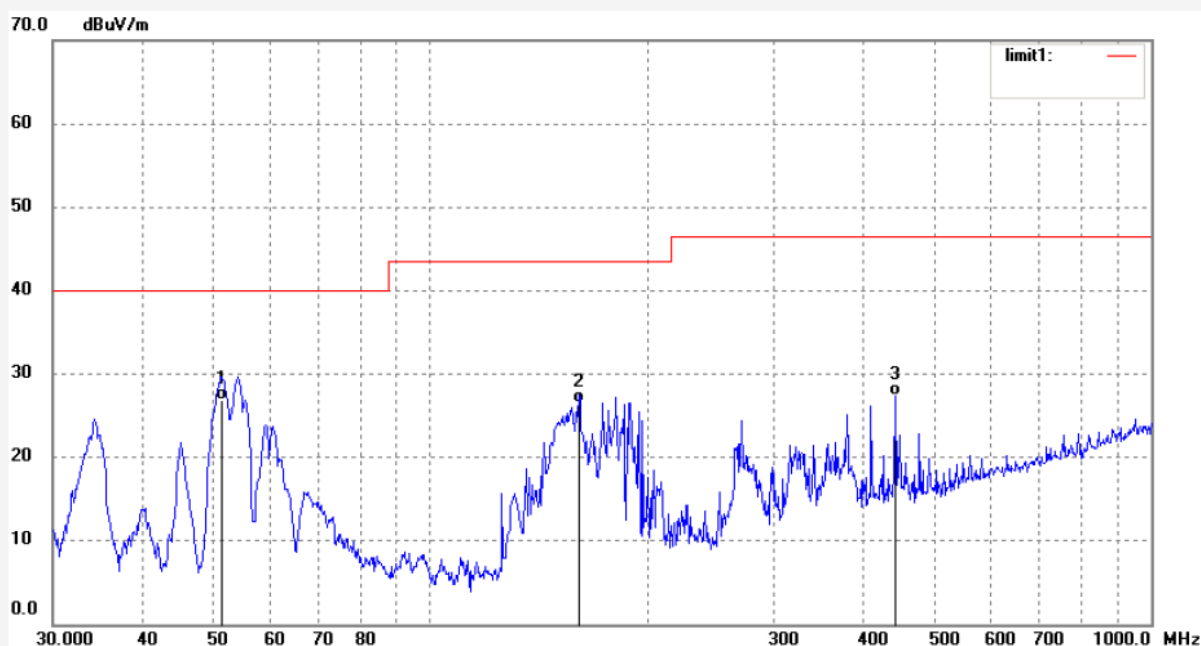
Date: 2013/05/09

Time: 17:31:09

Engineer Signature:

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	51.4806	47.63	-20.78	26.85	40.00	-13.15	QP			
2	160.9088	50.20	-23.76	26.44	43.50	-17.06	QP			
3	441.7425	42.20	-14.88	27.32	46.50	-19.18	QP			



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

Job No.: alen #521

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2412MHz(802.11g)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

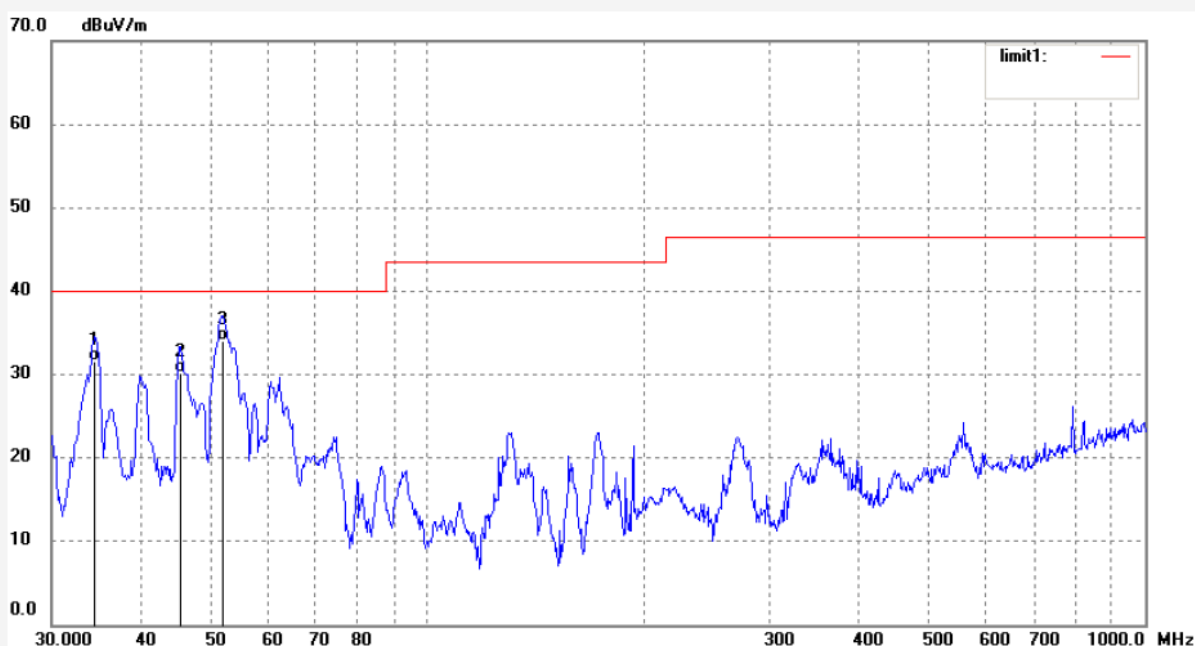
Date: 2013/05/09

Time: 17:32:02

Engineer Signature:

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	34.3963	48.79	-17.28	31.51	40.00	-8.49	QP			
2	45.3755	48.69	-18.46	30.23	40.00	-9.77	QP			
3	51.8430	54.89	-20.77	34.12	40.00	-5.88	QP			



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

Job No.: alen #522

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2412MHz(802.11n20)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

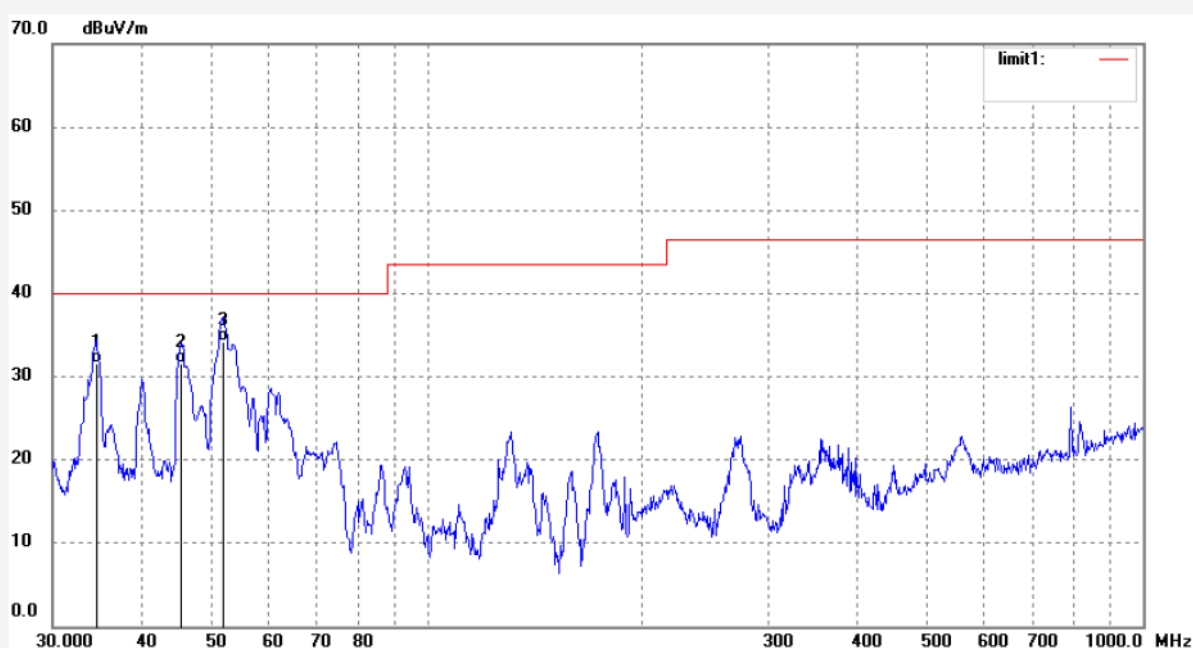
Date: 2013/05/09

Time: 17:32:41

Engineer Signature:

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	34.5172	48.89	-17.26	31.63	40.00	-8.37	QP			
2	45.3755	50.01	-18.46	31.55	40.00	-8.45	QP			
3	51.8430	54.98	-20.77	34.21	40.00	-5.79	QP			



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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.: alen #523

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2412MHz(802.11n20)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

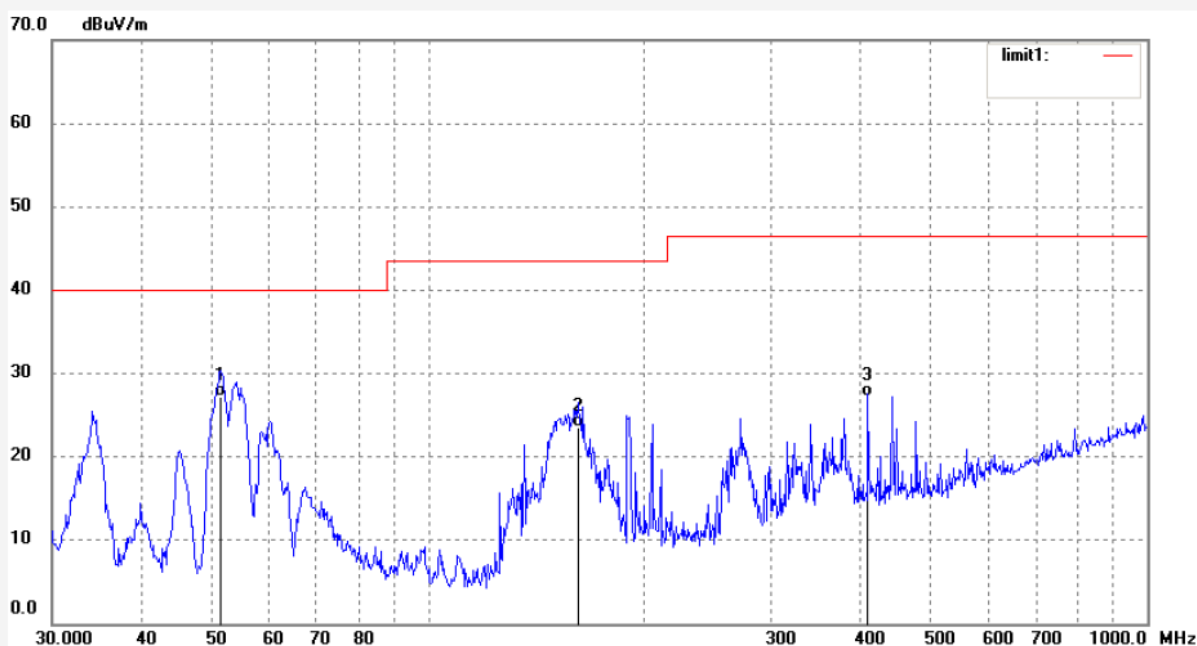
Date: 2013/05/09

Time: 17:33:33

Engineer Signature:

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	51.4806	48.05	-20.78	27.27	40.00	-12.73	QP			
2	162.0414	47.21	-23.64	23.57	43.50	-19.93	QP			
3	408.9460	42.65	-15.48	27.17	46.50	-19.33	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #524

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2437MHz(802.11n20)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

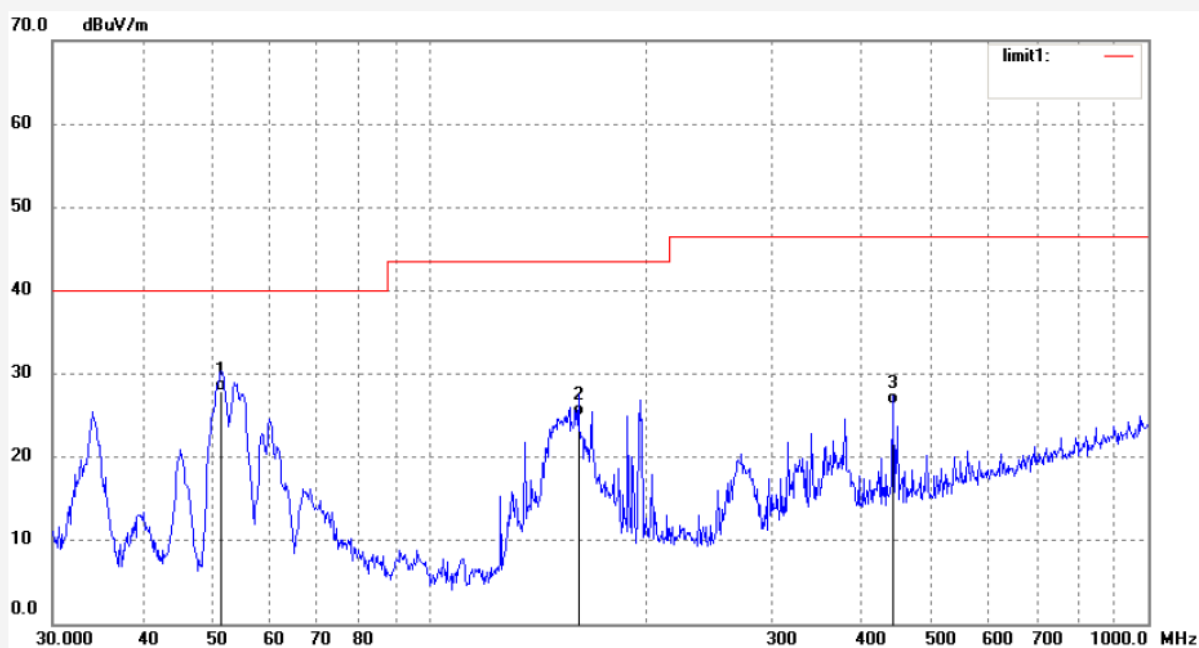
Date: 2013/05/09

Time: 17:34:08

Engineer Signature:

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	51.4806	48.70	-20.78	27.92	40.00	-12.08	QP			
2	161.4740	48.68	-23.69	24.99	43.50	-18.51	QP			
3	441.7425	41.23	-14.88	26.35	46.50	-20.15	QP			



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

Job No.: alen #525

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2437MHz(802.11n20)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

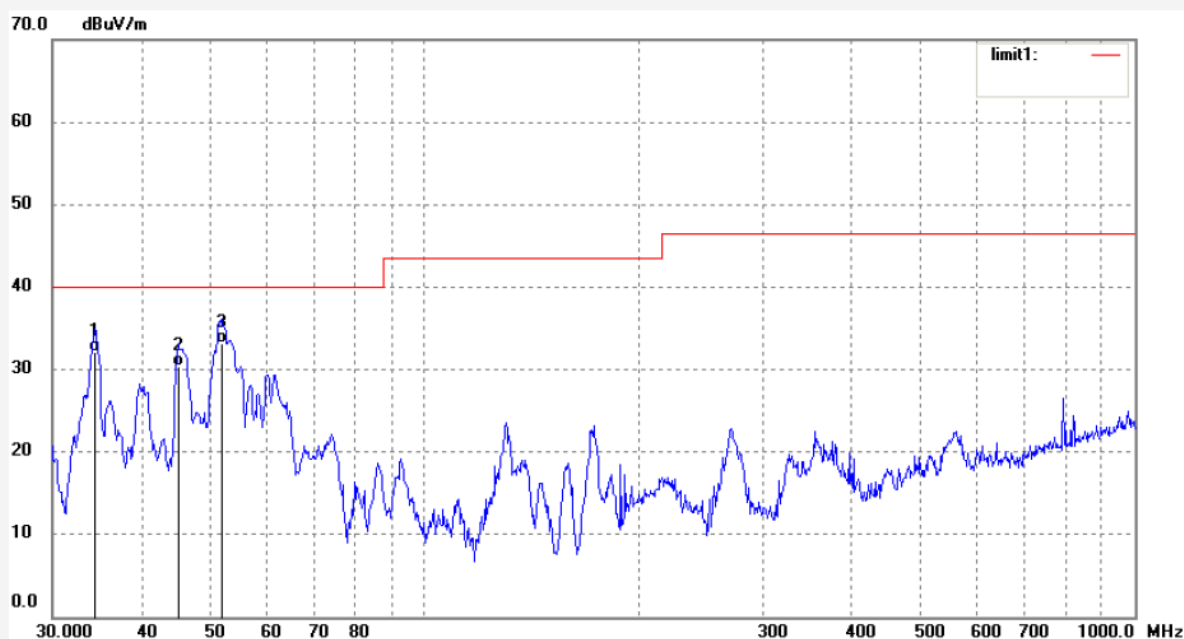
Date: 2013/05/09

Time: 17:34:51

Engineer Signature:

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	34.3963	49.36	-17.28	32.08	40.00	-7.92	QP			
2	45.0583	48.74	-18.31	30.43	40.00	-9.57	QP			
3	51.8430	53.94	-20.77	33.17	40.00	-6.83	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #526

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2462MHz(802.11n20)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

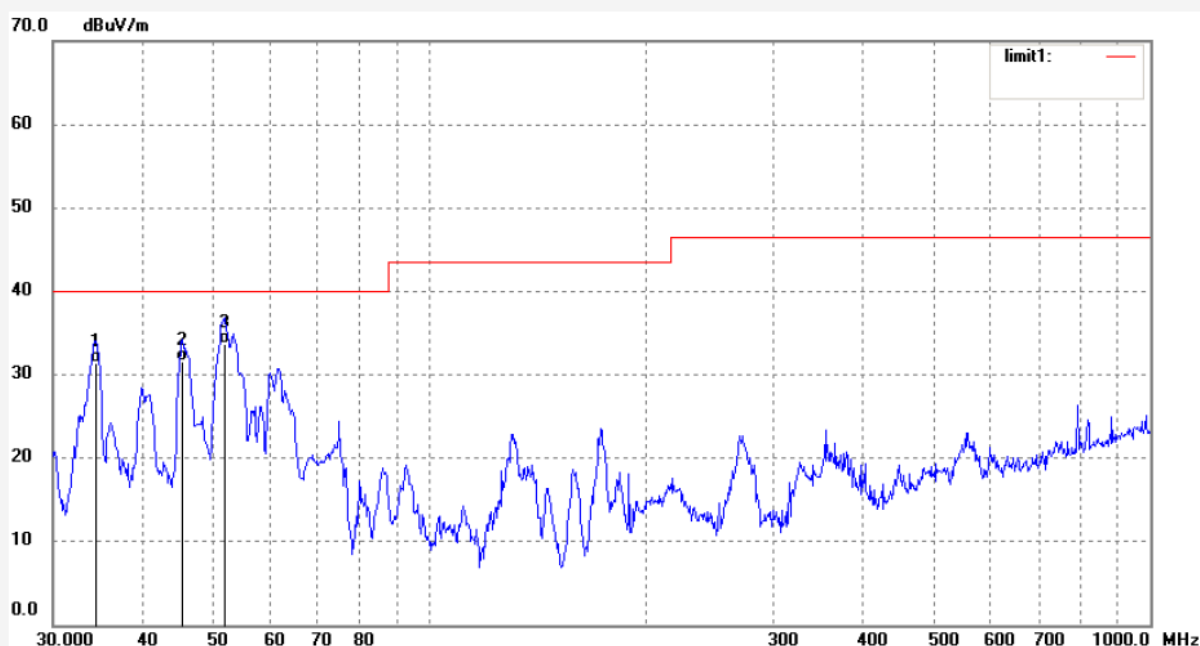
Date: 2013/05/09

Time: 17:35:42

Engineer Signature:

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	34.3963	48.65	-17.28	31.37	40.00	-8.63	QP			
2	45.3755	50.01	-18.46	31.55	40.00	-8.45	QP			
3	51.8430	54.52	-20.77	33.75	40.00	-6.25	QP			



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.: alen #527

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2462MHz(802.11n20)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

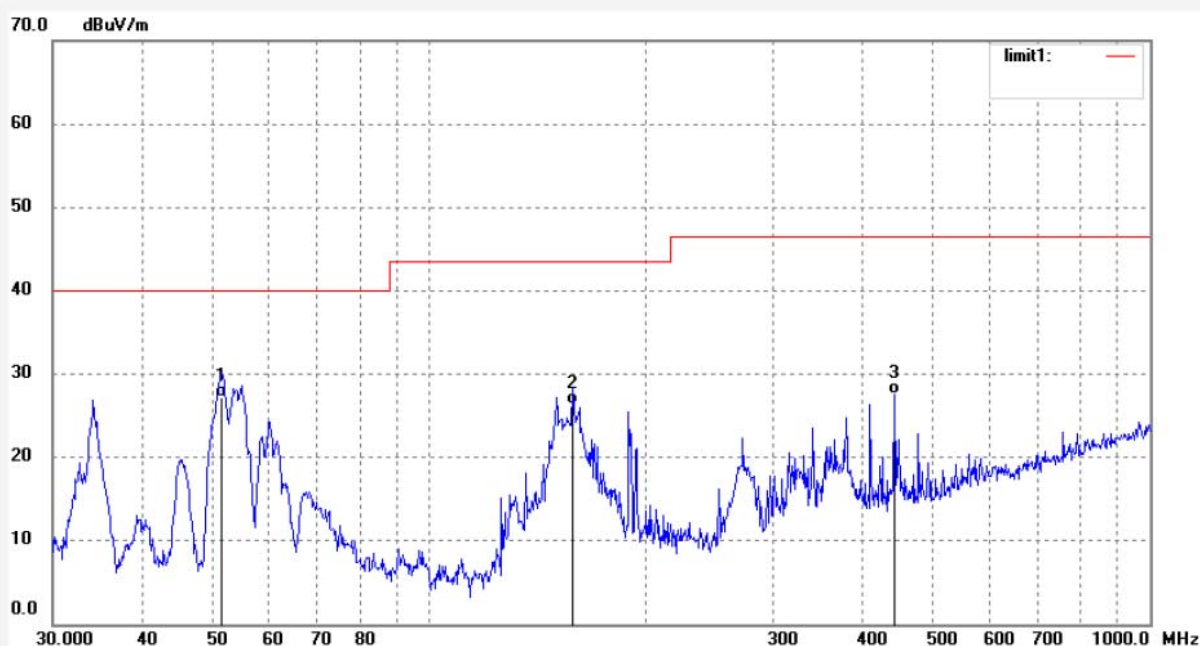
Date: 2013/05/09

Time: 17:36:13

Engineer Signature:

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	51.4806	48.06	-20.78	27.28	40.00	-12.72	QP			
2	158.1123	50.32	-24.05	26.27	43.50	-17.23	QP			
3	441.7425	42.39	-14.88	27.51	46.50	-18.99	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #528

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2452MHz(802.11n40)

Model: APRIL T7

Manufacturer: April

Polarization: Horizontal

Power Source: AC 120V/60Hz

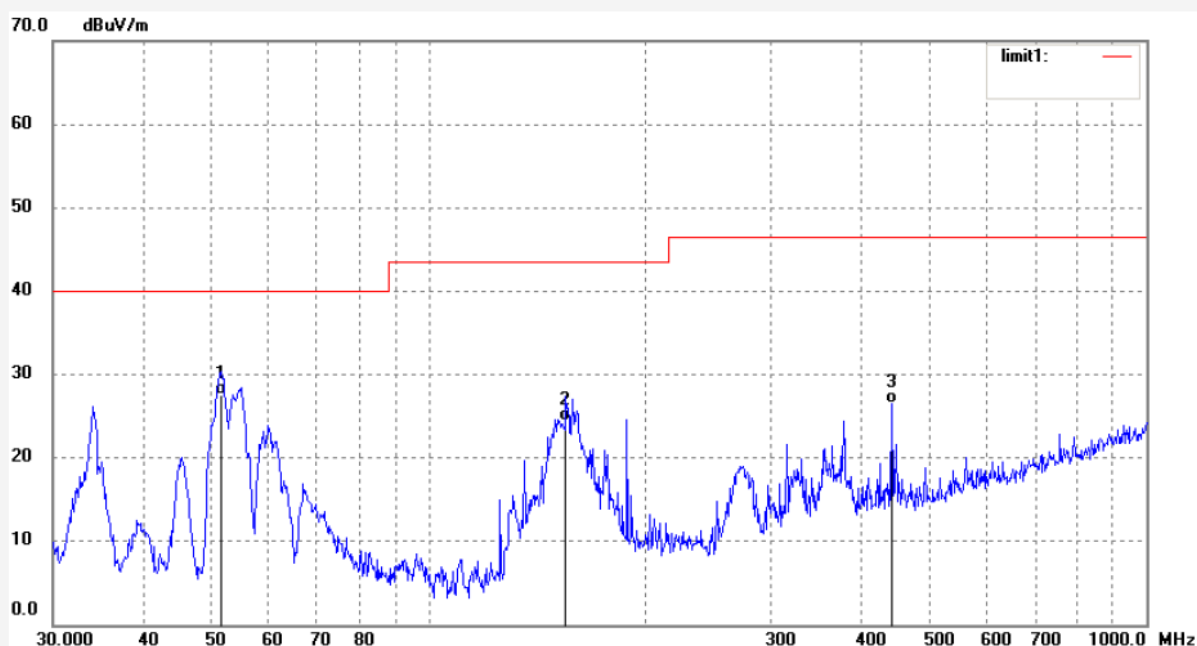
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Engineer Signature:

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	51.4806	48.35	-20.78	27.57	40.00	-12.43	QP			
2	155.3643	48.79	-24.34	24.45	43.50	-19.05	QP			
3	441.7425	41.42	-14.88	26.54	46.50	-19.96	QP			



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Fax:+86-0755-26503396

Job No.: alen #529

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2452MHz(802.11n40)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

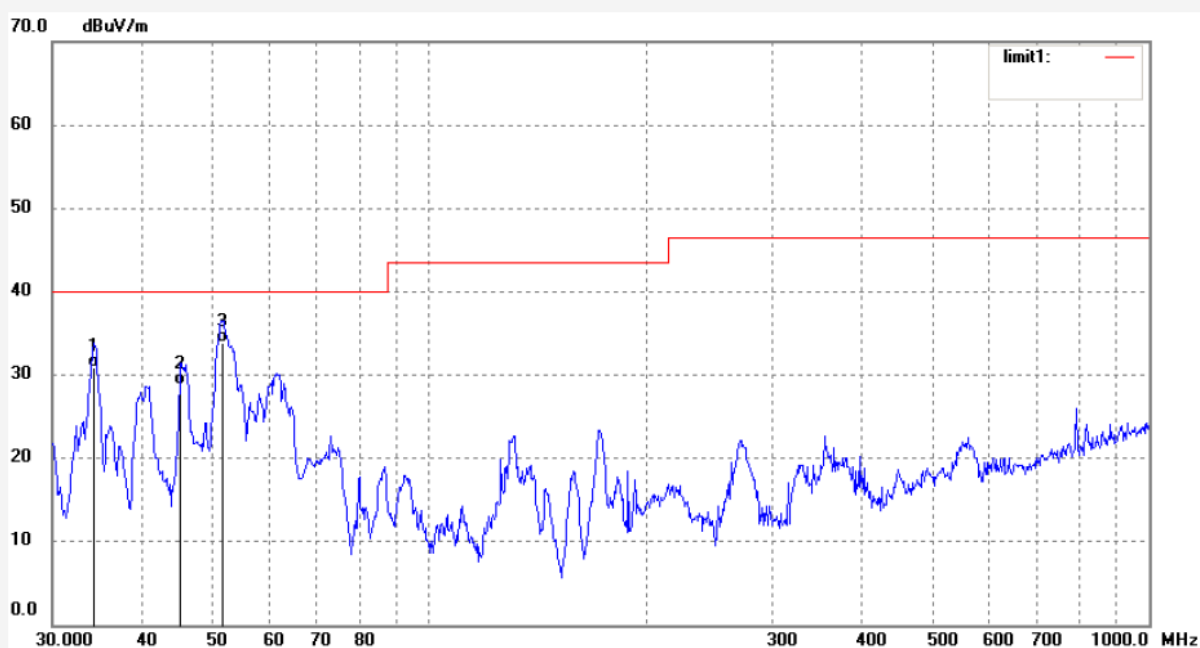
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Time: 17:37:36

Engineer Signature:

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	34.2760	48.21	-17.29	30.92	40.00	-9.08	QP			
2	45.2165	47.10	-18.38	28.72	40.00	-11.28	QP			
3	51.6615	54.54	-20.76	33.78	40.00	-6.22	QP			



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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: alen #530

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 26 C / 55 %

EUT: 7 Inch Tablet PC/MID

Mode: TX 2437MHz(802.11n40)

Model: APRIL T7

Manufacturer: April

Polarization: Vertical

Power Source: AC 120V/60Hz

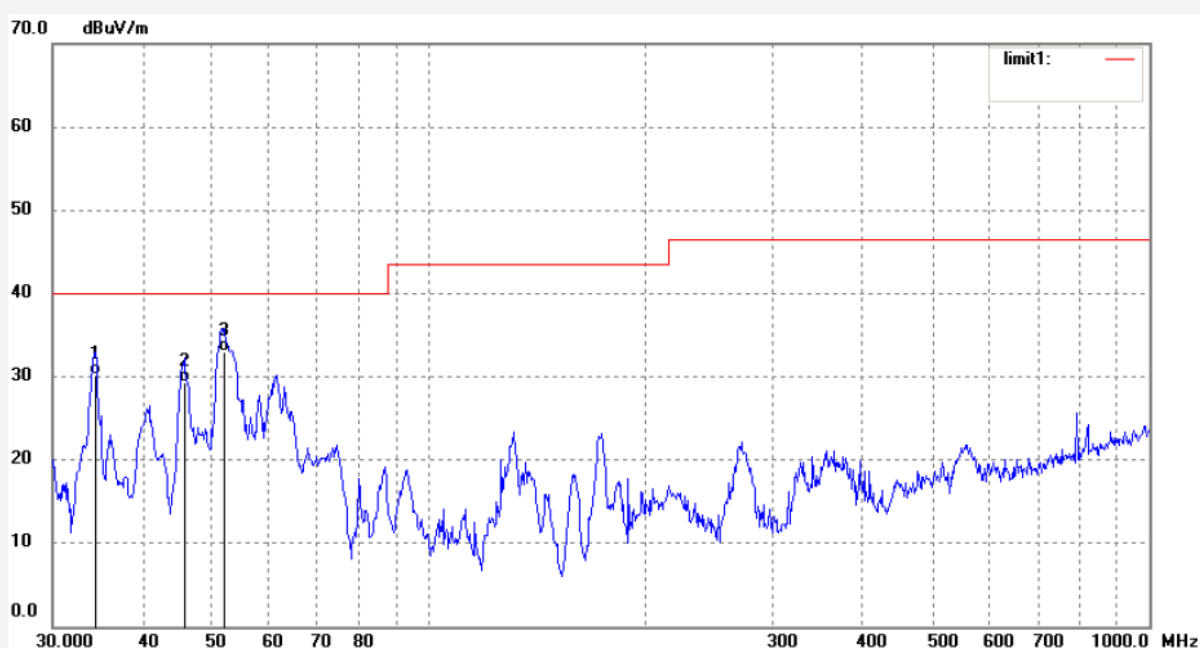
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Engineer Signature:

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	34.3963	47.52	-17.28	30.24	40.00	-9.76	QP			
2	45.6948	47.89	-18.60	29.29	40.00	-10.71	QP			
3	51.8430	53.75	-20.77	32.98	40.00	-7.02	QP			