

APPLICATION CERTIFICATION FCC Part 15C

On Behalf of
Creative Labs Inc.

Creative HanZpad
Model No.: PMT-ZZ0030

FCC ID: IBAPMT-ZZ0030

Prepared for : Creative Labs Inc.
Address : 1901 McCarthy Blvd, Milpitas, California 95035, United States

Prepared by : ACCURATE TECHNOLOGY CO., LTD
Address : F1, Bldg. A, Changyuan New Material Port, Keyuan Rd.
Science & Industry Park, Nanshan, Shenzhen, Guangdong
P.R. China

Tel: (0755) 26503290
Fax: (0755) 26503396

Report Number : ATE20120872
Date of Test : May 3-18, 2012
Date of Report : May 18, 2012

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Test Report Certification

Applicant : Creative Labs Inc.

Manufacturer : Creative Technology Ltd

EUT Description : Creative HanZpad

(A) MODEL NO.: PMT-ZZ0030

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 3.7V (Lithium polymer battery 2×) or AC
120V/50Hz supplied form Adapter

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.247
ANSI C63.4: 2003

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 3-18, 2012

Prepared by :

Apple Lv

(Engineer)

Approved & Authorized Signer :

Heunb

(Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	Creative HanZpad
Model Number	:	PMT-ZZ0030
Frequency Band (Bluetooth)	:	2402MHz-2480MHz
Frequency Range (WLAN)	:	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 (Lithium polymer battery 2×) or AC 120V/50Hz supplied form Adapter
Adapter	:	Model number: WA-10L05RU Input: AC 100-240V; 50/60Hz 0.5A Max. 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	:	Creative Labs Inc.
Address	:	1901 McCarthy Blvd, Milpitas, California 95035, United States
Manufacturer	:	Creative Technology Ltd
Address	:	31, International Business Park, Creative Resource, Singapore 609921
Date of sample received	:	May 3, 2012
Date of Test	:	May 3-18, 2012

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.Test Procedure

The EUT was tested according to DTS test procedure of March 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

1.4.Special Accessory and Auxiliary Equipment

N/A

1.5.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

1.6.Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2

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

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

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

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. 8, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 8, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 8, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 8, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 8, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 8, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 8, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 8, 2012	Jan. 7, 2013

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The mode is used: **1.802.11b Transmitting mode**

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

2.802.11g Transmitting mode

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

3.802.11n (20MHz) Transmitting mode

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

4.802.11n (40MHz) Transmitting mode

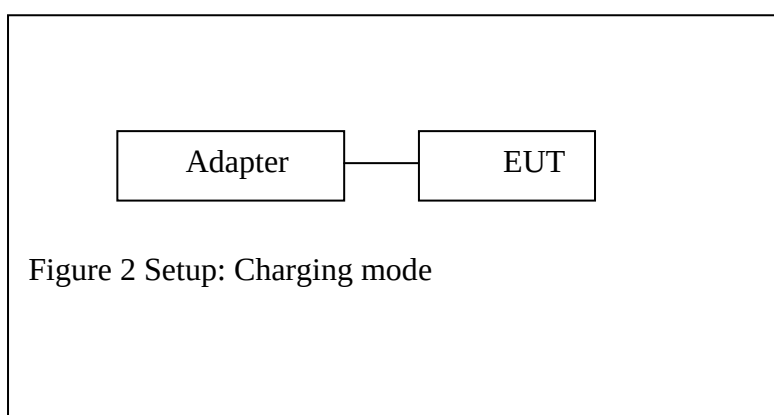
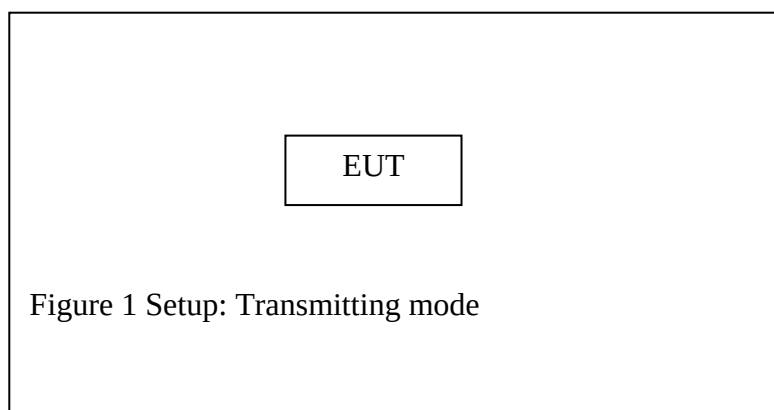
Low Channel: 2422MHz

Middle Channel: 2437MHz

High Channel: 2452MHz

5. Charging

3.2.Configuration and peripherals



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: Creative HanZpad)

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 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.

5.3.1. Creative HanZpad (EUT)

Model Number : PMT-ZZ0030
 Serial Number : N/A
 Manufacturer : Creative Technology 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 100kHz and VBW to 300kHz.

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:	May 5, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	12.04	> 0.5MHz
Middle	2437	12.00	> 0.5MHz
High	2462	12.04	> 0.5MHz

The test was performed with 802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	16.64	> 0.5MHz
Middle	2437	16.64	> 0.5MHz
High	2462	16.64	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 20 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	16.64	> 0.5MHz
Middle	2437	16.64	> 0.5MHz
High	2462	16.64	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 40 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2422	36.48	> 0.5MHz
Middle	2437	36.80	> 0.5MHz
High	2452	36.68	> 0.5MHz

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz

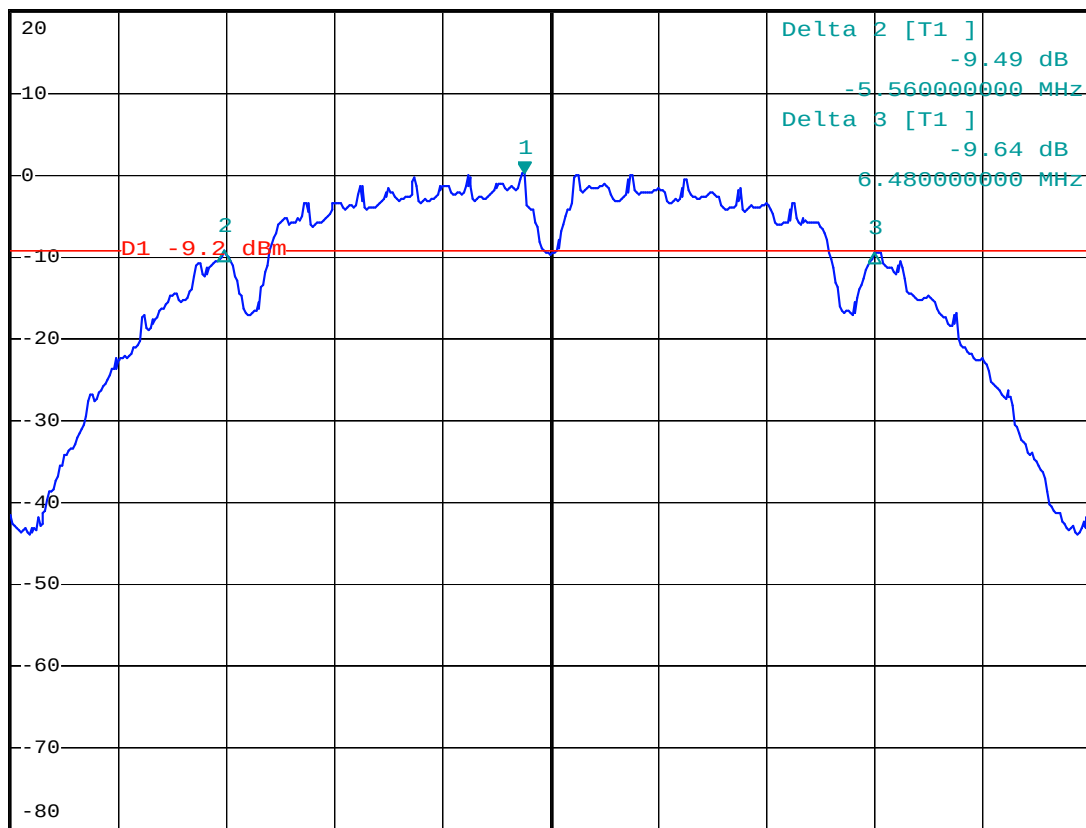


* RBW 100 kHz Marker 1 [T1]
 * VBW 300 kHz 0.15 dBm
 * SWT 2.5 ms 2.411520000 GHz

Ref 20 dBm

Att 50 dB

1 PK
MAXH



Center 2.412 GHz

2 MHz/

Span 20 MHz

PRN

Comment A:

Date: 5.MAY.2012 16:21:33

802.11b Channel Middle 2437MHz

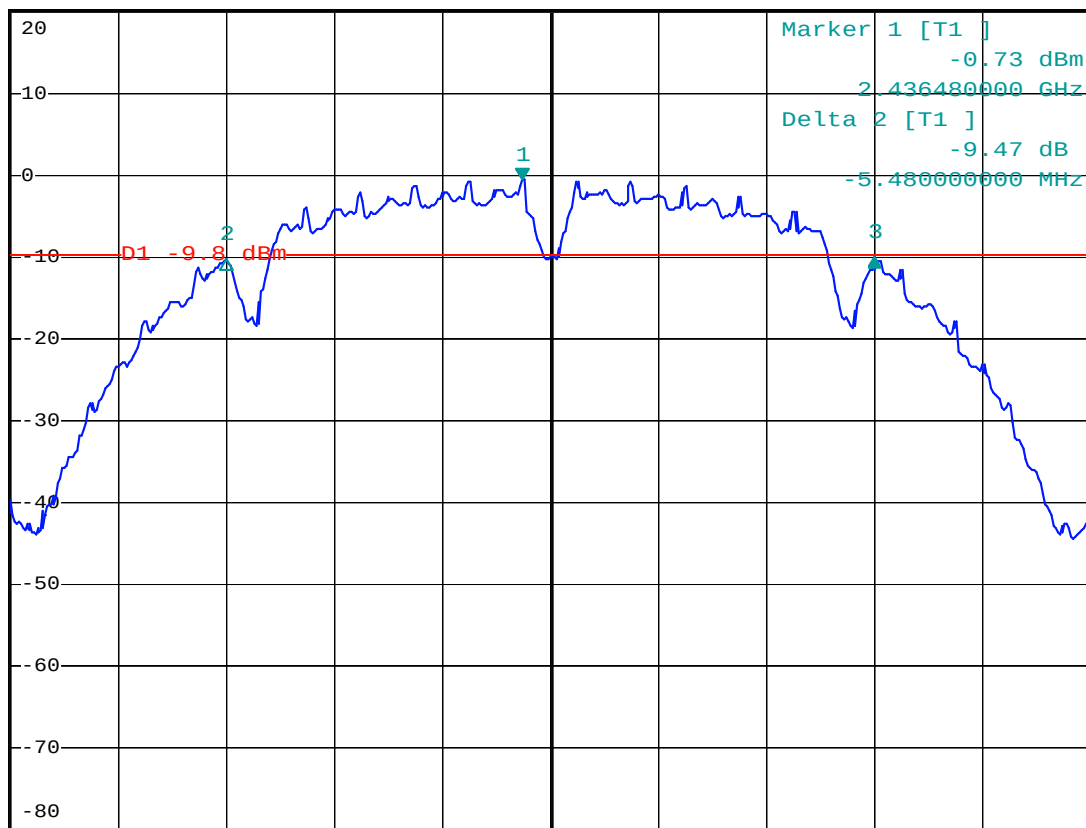


* RBW 100 kHz Delta 3 [T1]
 * VBW 300 kHz -9.43 dB
 * SWT 2.5 ms 6.520000000 MHz

Ref 20 dBm

Att 50 dB

1 PK
MAXH



Center 2.437 GHz

2 MHz/

Span 20 MHz

Comment A:

Date: 5.MAY.2012 16:23:05

802.11b Channel High 2462MHz

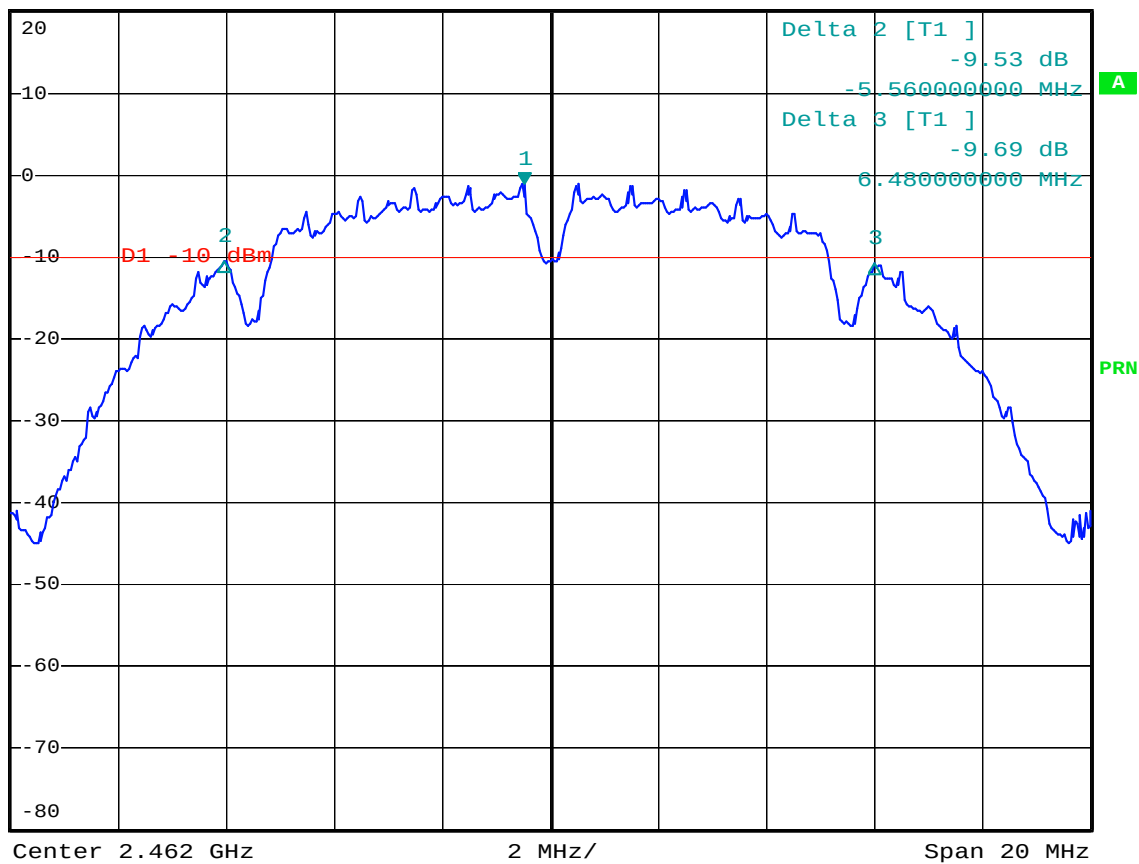


* RBW 100 kHz Marker 1 [T1]
 * VBW 300 kHz -1.14 dBm
 * SWT 2.5 ms 2.461520000 GHz

Ref 20 dBm

Att 50 dB

1 PK
 MAXH



Comment A:

Date: 5.MAY.2012 16:24:27

802.11g Channel Low 2412MHz

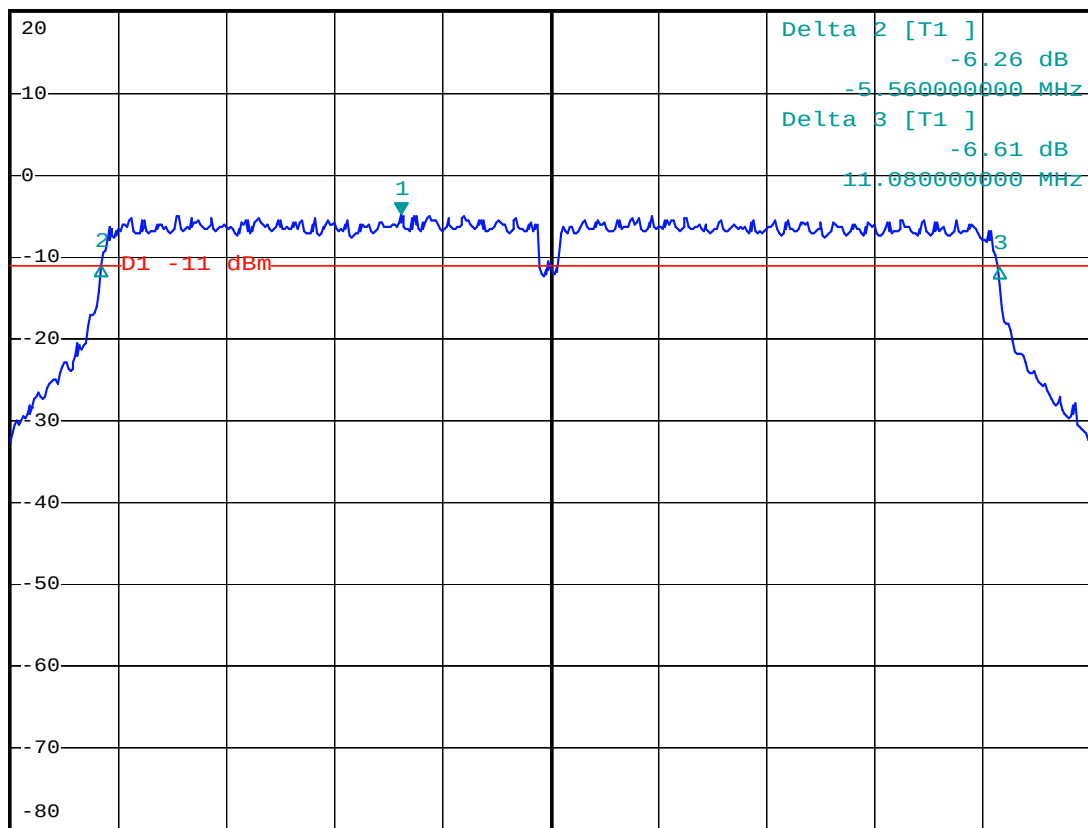


* RBW 100 kHz Marker 1 [T1]
 * VBW 300 kHz -4.89 dBm
 * SWT 2.5 ms 2.409240000 GHz

Ref 20 dBm

Att 50 dB

1 PK
MAXH



Center 2.412 GHz

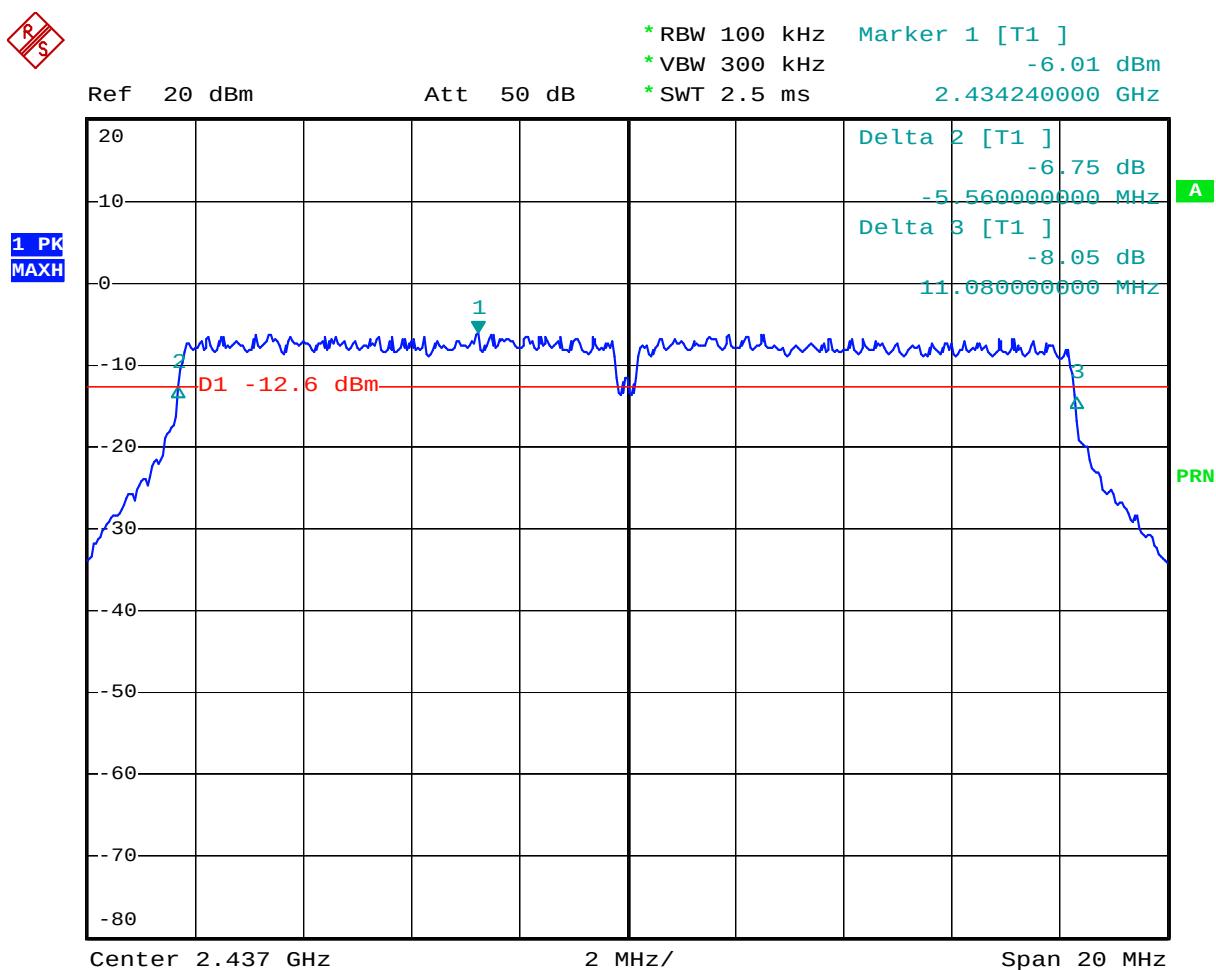
2 MHz/

Span 20 MHz

Comment A:

Date: 5.MAY.2012 16:38:48

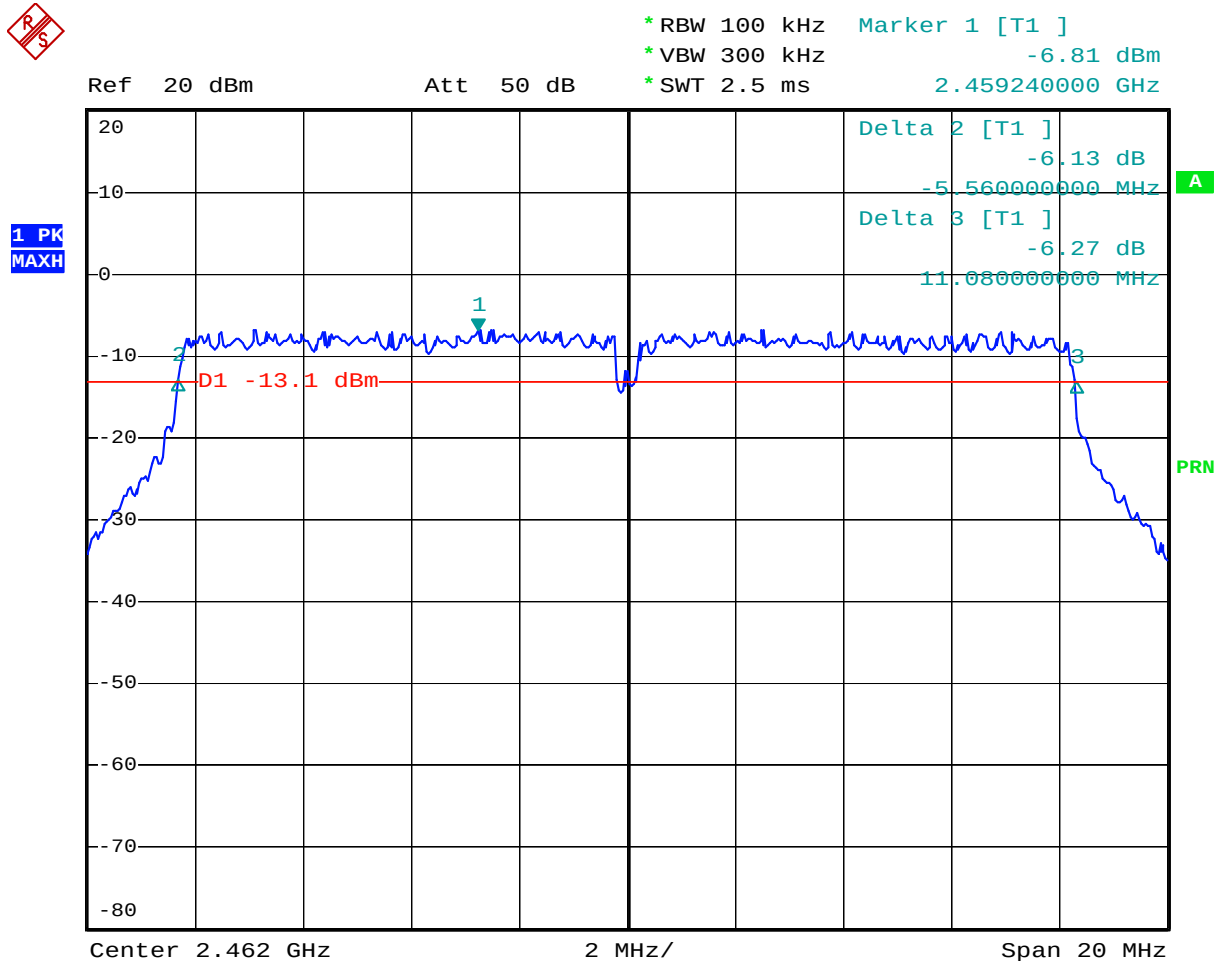
802.11g Channel Middle 2437MHz



Comment A:

Date: 5.MAY.2012 16:41:55

802.11g Channel High 2462MHz



Comment A:

Date: 5.MAY.2012 16:42:53

802.11n Channel Low 2412MHz (20MHz)

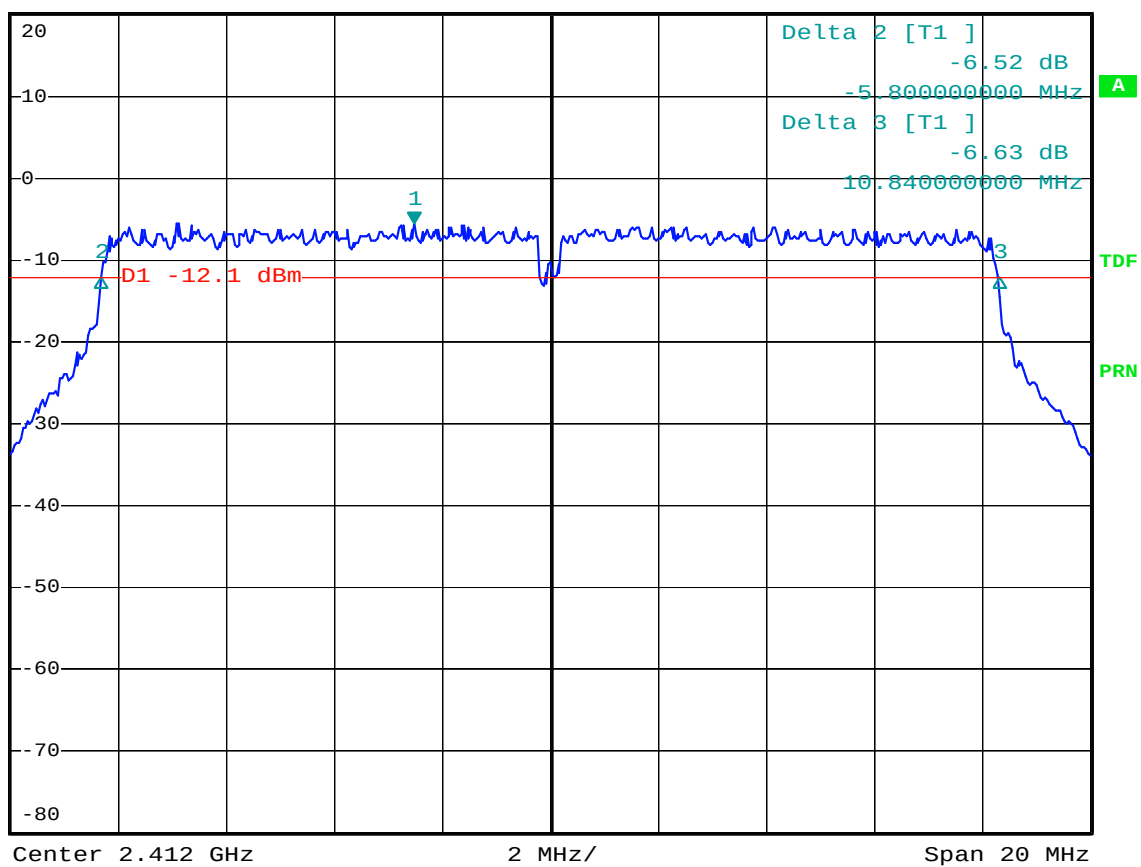


* RBW 100 kHz Marker 1 [T1]
 * VBW 300 kHz -5.63 dBm
 * SWT 2.5 ms 2.409480000 GHz

Ref 20 dBm

Att 50 dB

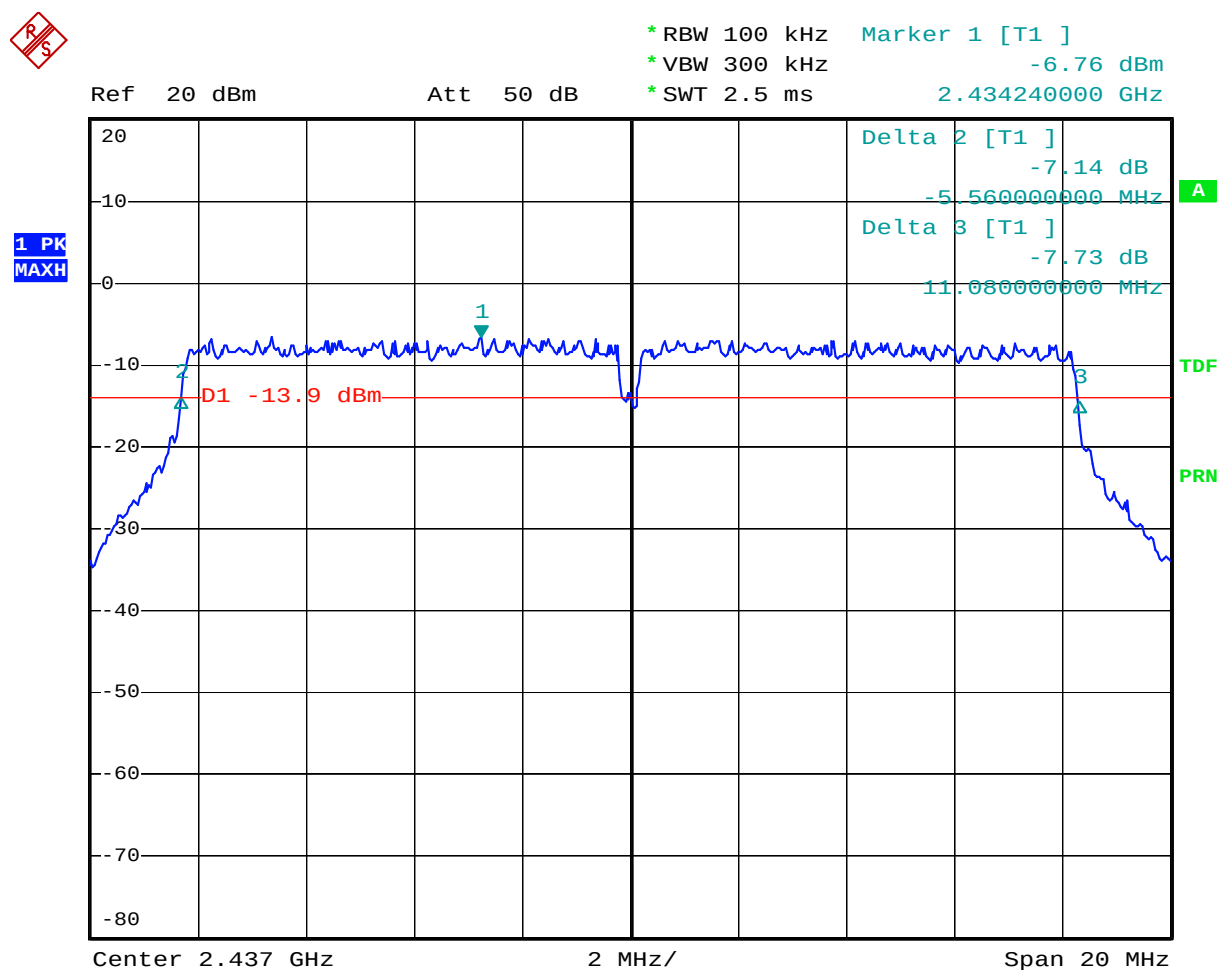
1 PK
 MAXH



Comment A:

Date: 5.MAY.2012 18:16:02

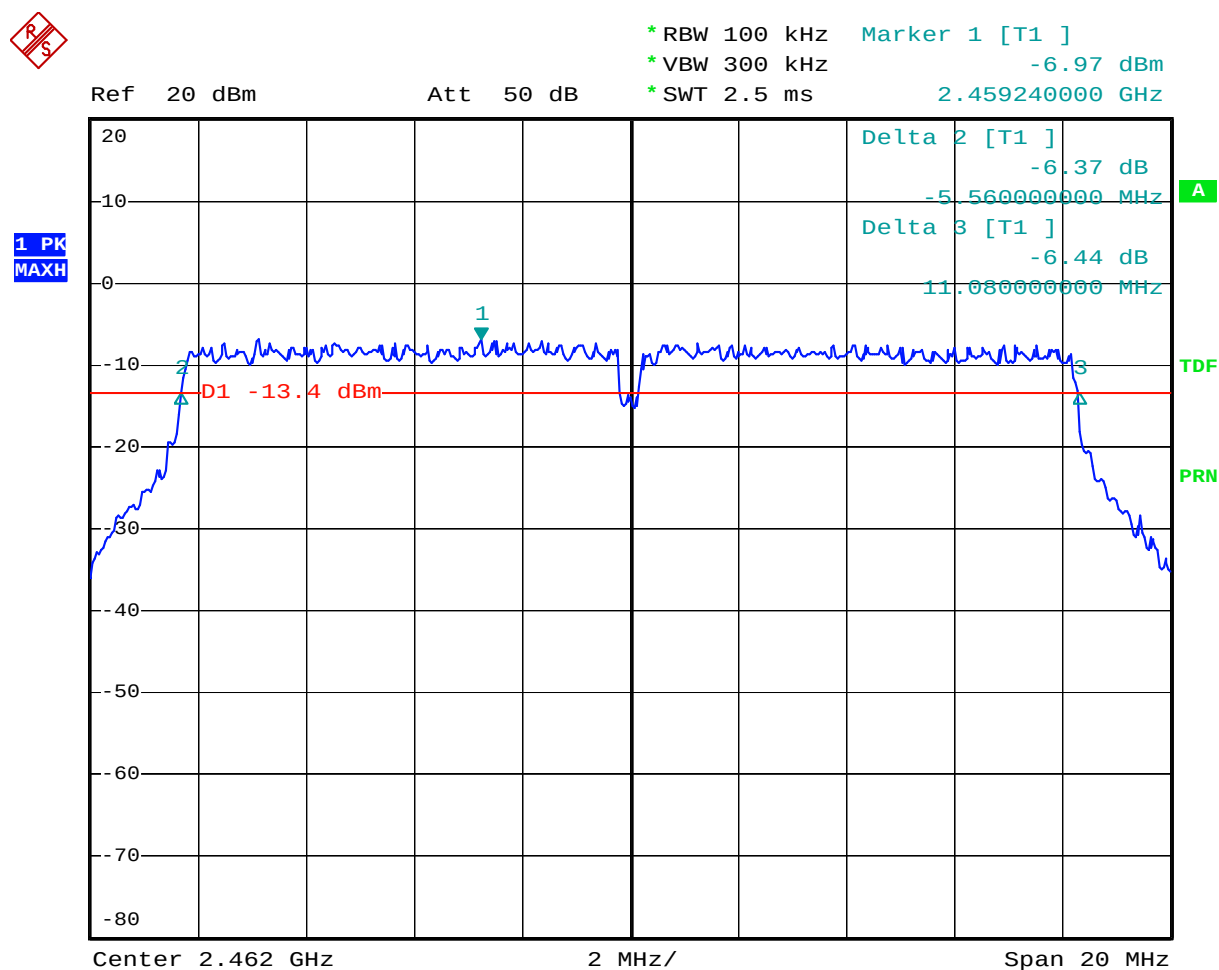
802.11n Channel Middle 2437MHz(20MHz)



Comment A:

Date: 5.MAY.2012 18:15:07

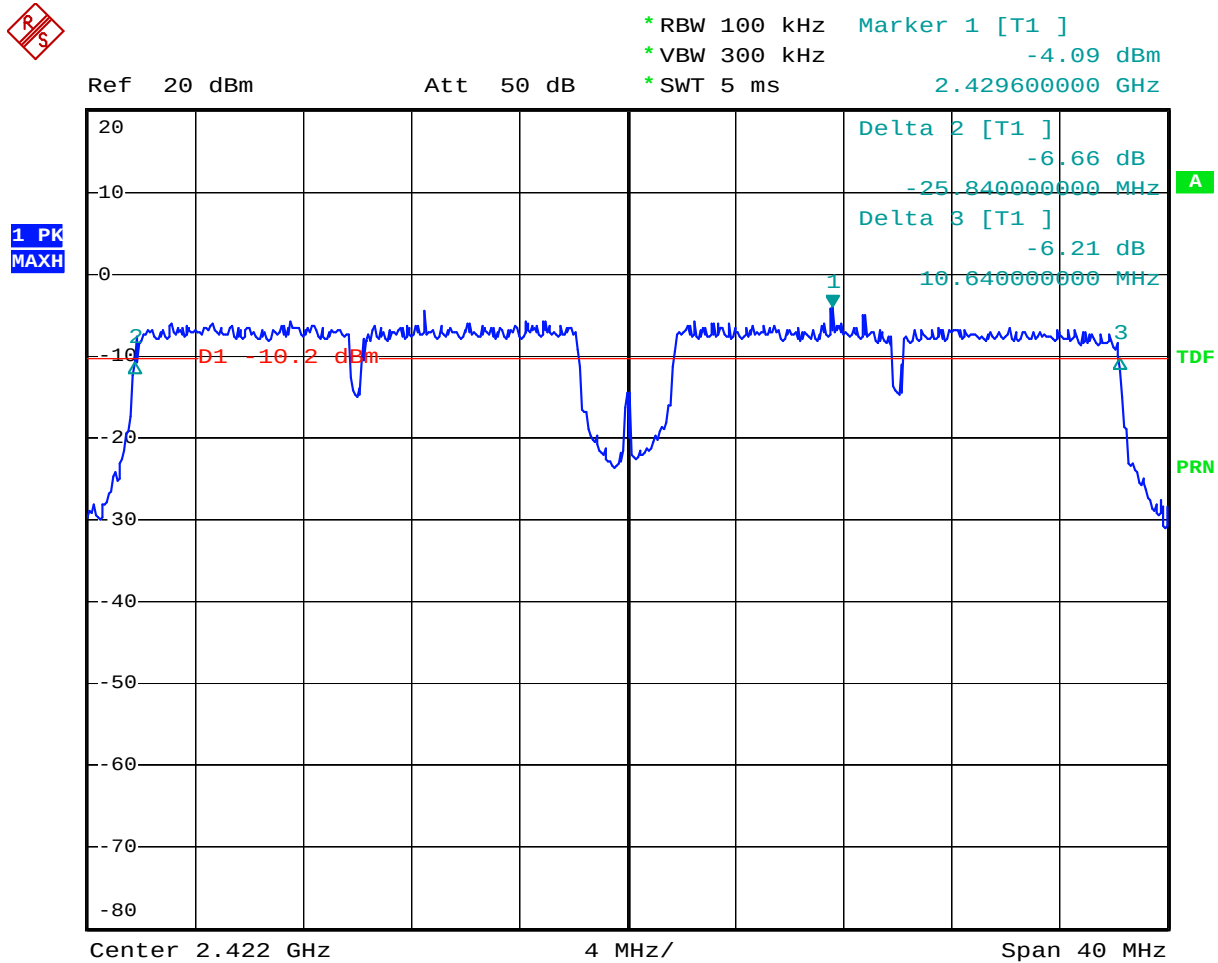
802.11n Channel High 2462MHz(20MHz)



Comment A:

Date: 5.MAY.2012 18:13:43

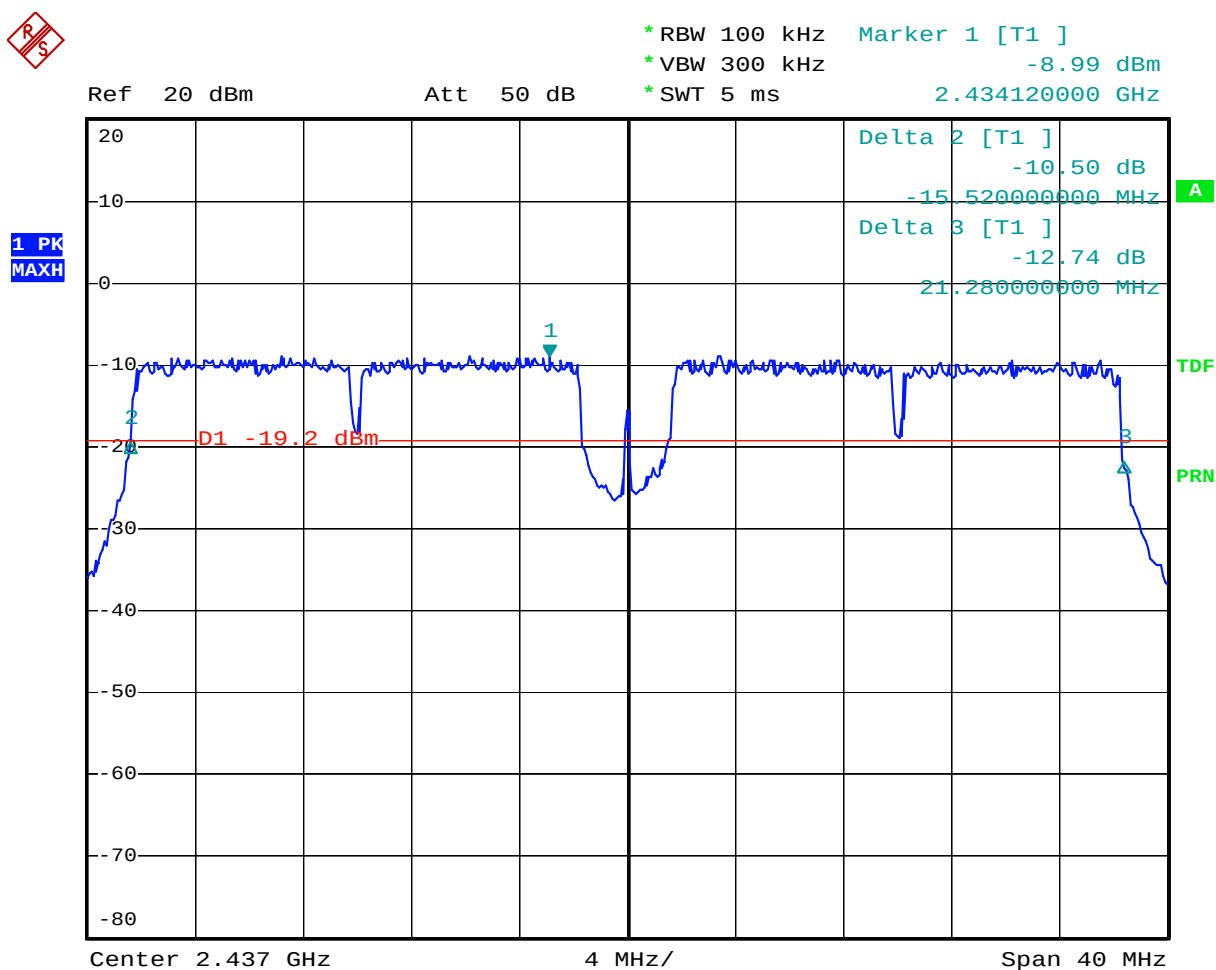
802.11n Channel Low 2422MHz (40MHz)



Comment A:

Date: 5.MAY.2012 18:50:02

802.11n Channel Middle 2437MHz(40MHz)



Comment A:

Date: 5.MAY.2012 19:01:00

802.11n Channel High 2452MHz(40MHz)

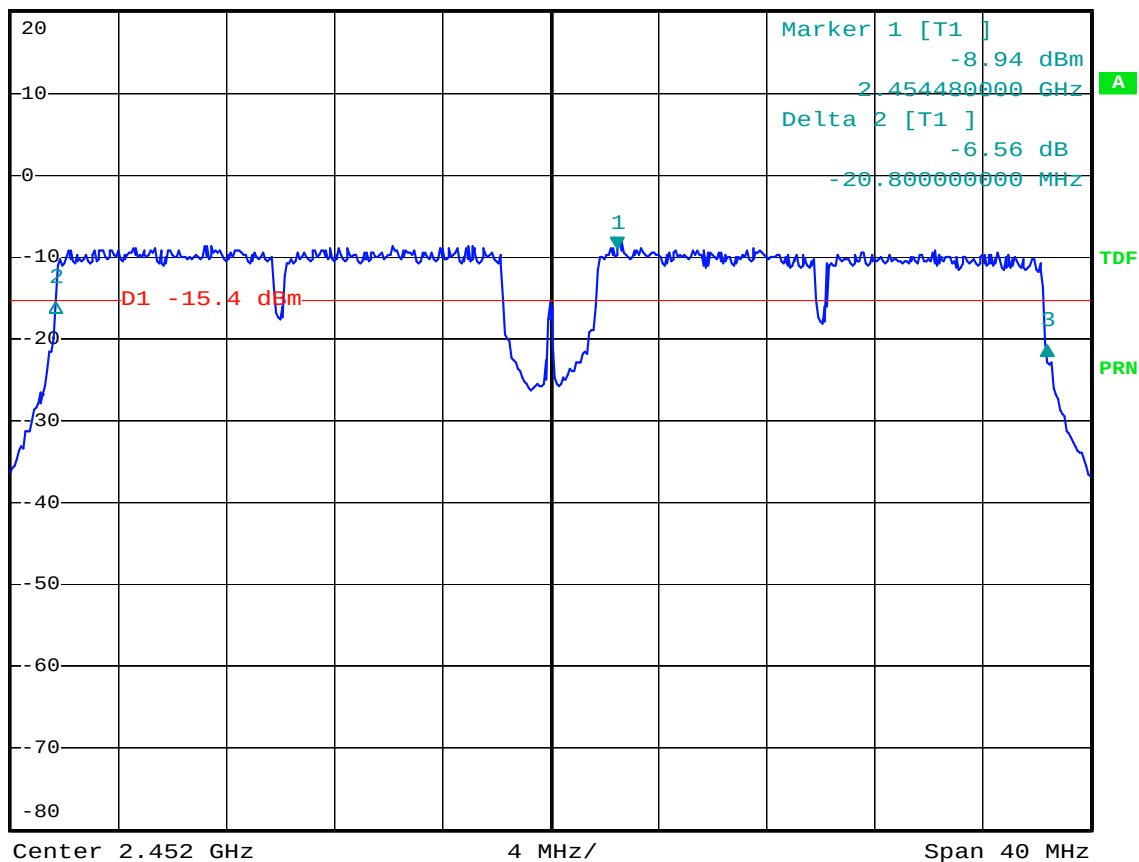


* RBW 100 kHz Delta 3 [T1]
 * VBW 300 kHz -11.96 dB
 * SWT 5 ms 15.880000000 MHz

Ref 20 dBm

Att 50 dB

1 PK
MAXH



Comment A:

Date: 5.MAY.2012 19:03:02

6. MAXIMUM PEAK OUTPUT POWER

6.1. Block Diagram of Test Setup



(EUT: Creative HanZpad)

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. Creative HanZpad (EUT)

Model Number	:	PMT-ZZ0030
Serial Number	:	N/A
Manufacturer	:	Creative Technology 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 EUT was tested according to DTS test procedure of March 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

6.5.3. Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz.

6.5.4. Measurement the maximum peak output power.

6.6. Test Result

PASS.

Date of Test:	<u>May 5, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>Creative HanZpad</u>	Humidity:	<u>50%</u>
Model No.:	<u>PMT-ZZ0030</u>	Power Supply:	<u>DC 3.7V</u>
Test Mode:	<u>TX</u>	Test Engineer:	<u>Pei</u>

The test was performed with 802.11b

Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	9.88	9.73	30 dBm / 1 W
Middle	2437	10.18	10.42	30 dBm / 1 W
High	2462	9.01	7.96	30 dBm / 1 W

The test was performed with 802.11g

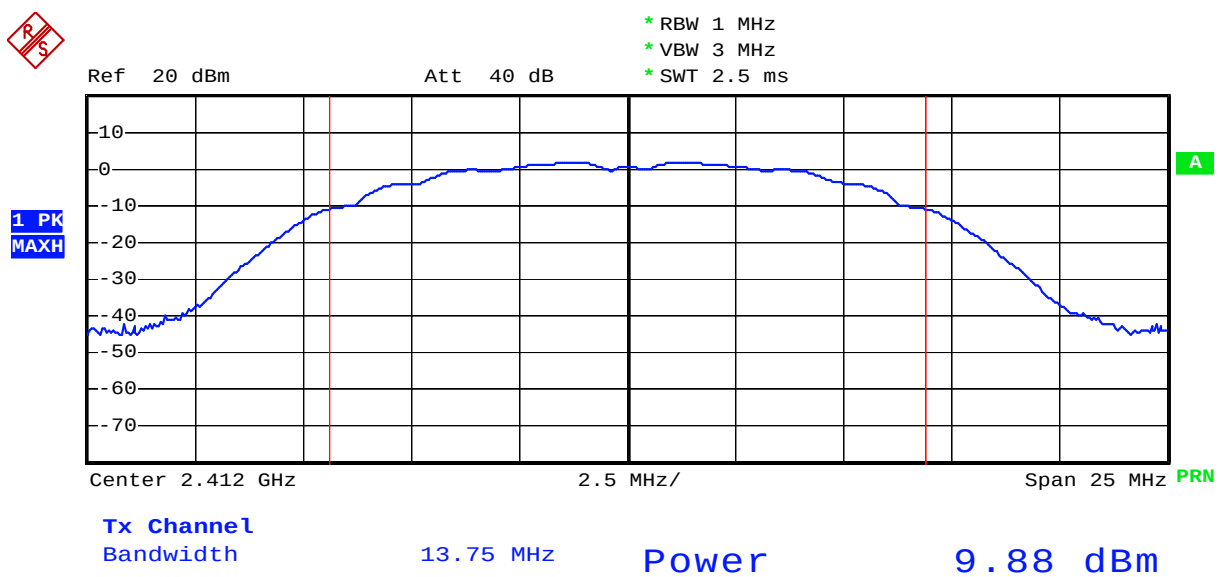
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	10.95	12.45	30 dBm / 1 W
Middle	2437	10.18	10.42	30 dBm / 1 W
High	2462	10.30	10.72	30 dBm / 1 W

The test was performed with 802.11n (20MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	10.74	11.86	30 dBm / 1 W
Middle	2437	9.93	9.84	30 dBm / 1 W
High	2462	10.05	10.12	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	10.67	11.67	30 dBm / 1 W
Middle	2437	10.40	10.96	30 dBm / 1 W
High	2452	9.71	9.35	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

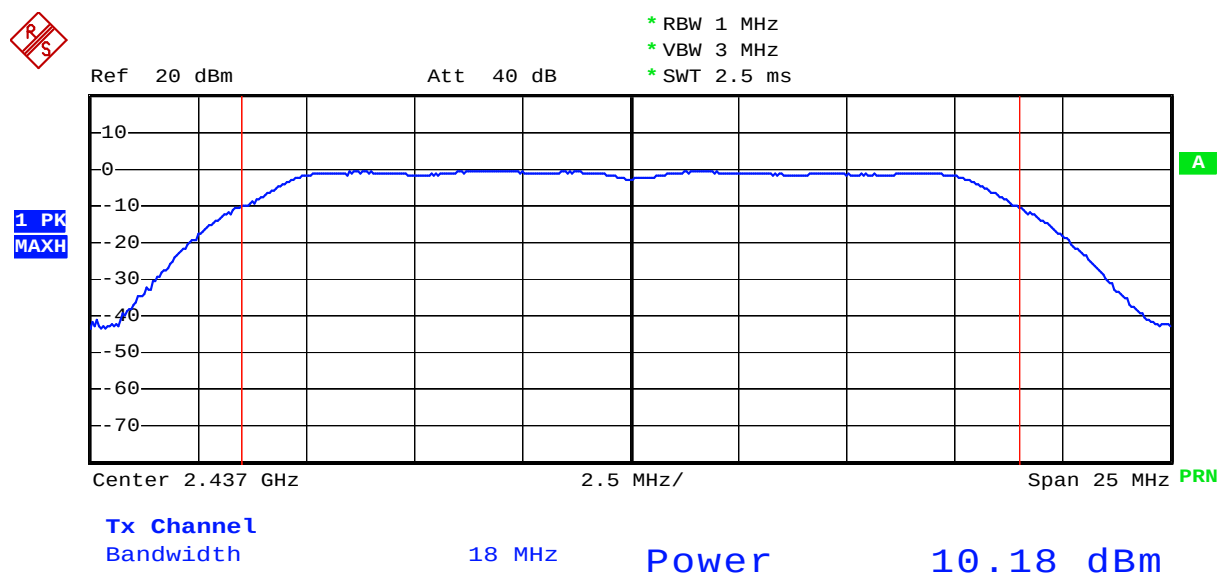
802.11b Channel Low 2412MHz



Comment A:

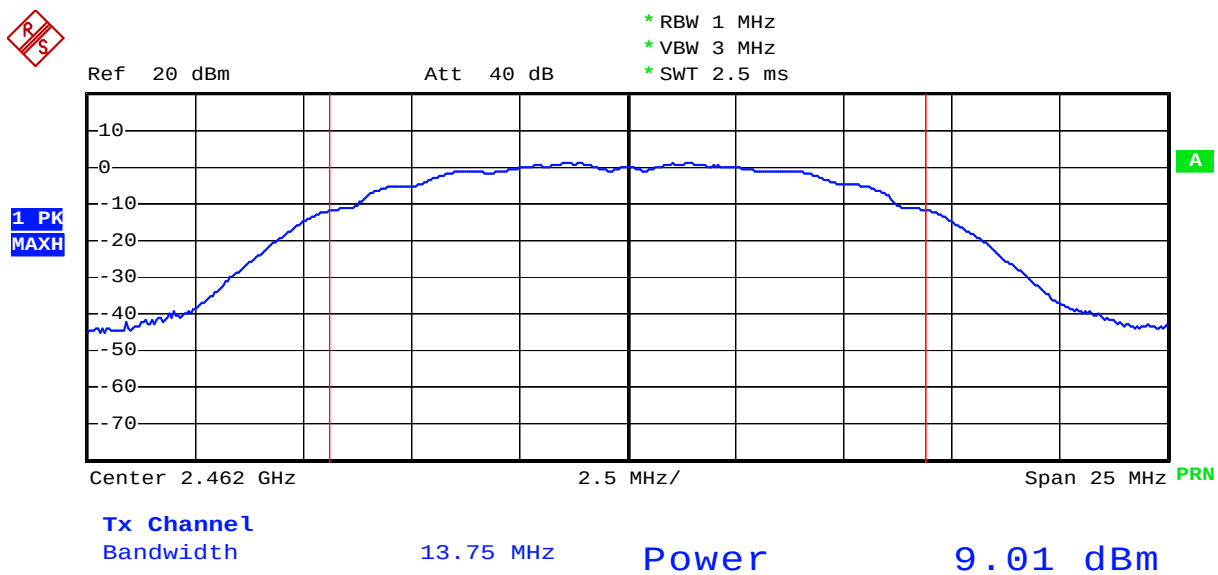
Date: 5.MAY.2012 16:30:11

802.11b Channel Middle 2437MHz



Comment A:
Date: 5.MAY.2012 17:01:33

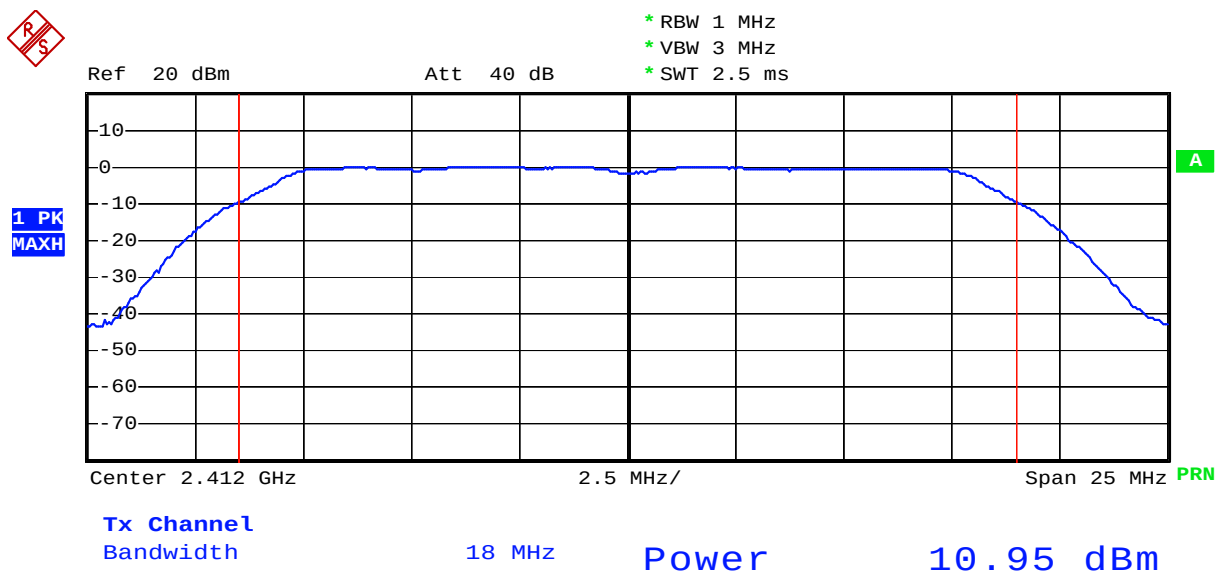
802.11b Channel High 2462MHz



Comment A:

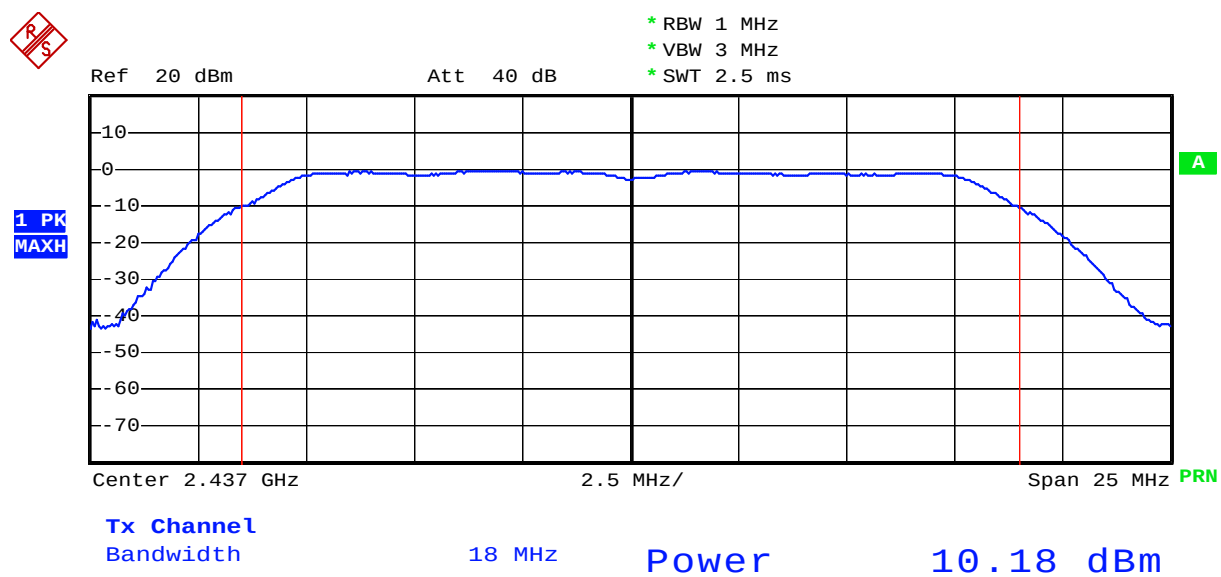
Date: 5.MAY.2012 16:32:04

802.11g Channel Low 2412MHz



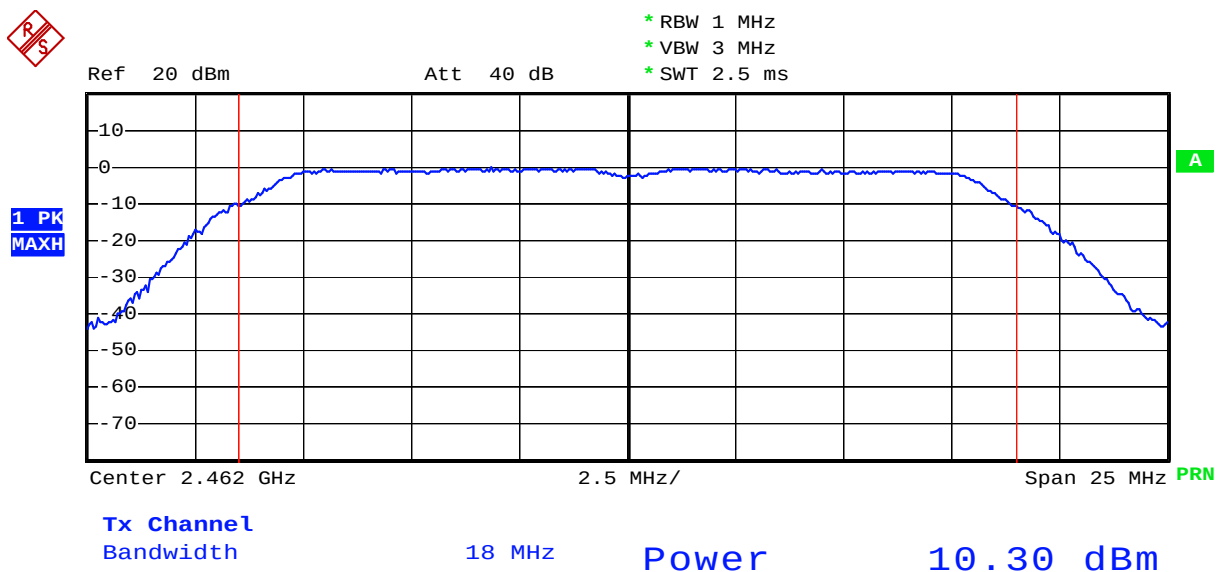
Comment A:
Date: 5.MAY.2012 17:01:04

802.11g Channel Middle 2437MHz



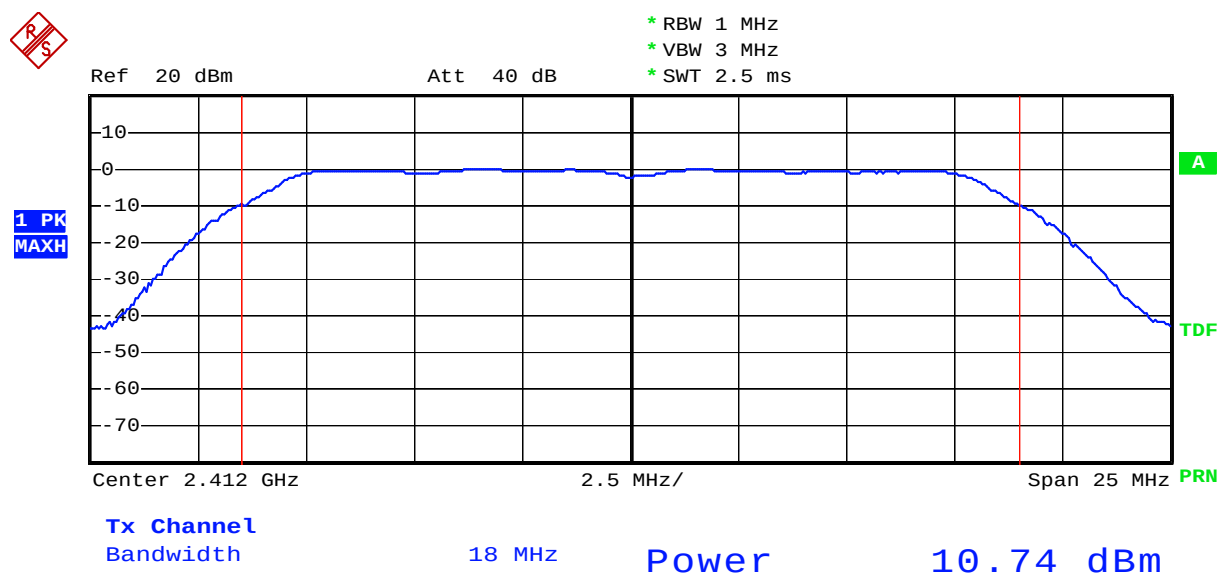
Comment A:
Date: 5.MAY.2012 17:01:33

802.11g Channel High 2462MHz



Comment A:
Date: 5.MAY.2012 17:01:58

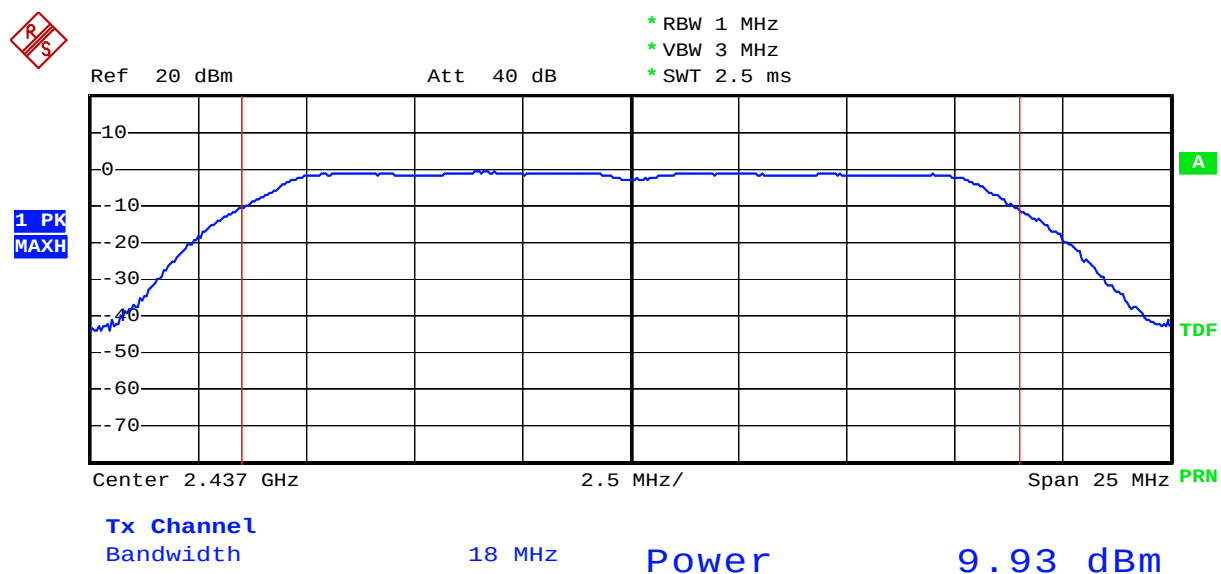
802.11n Channel Low 2412MHz (20MHz)



Comment A:

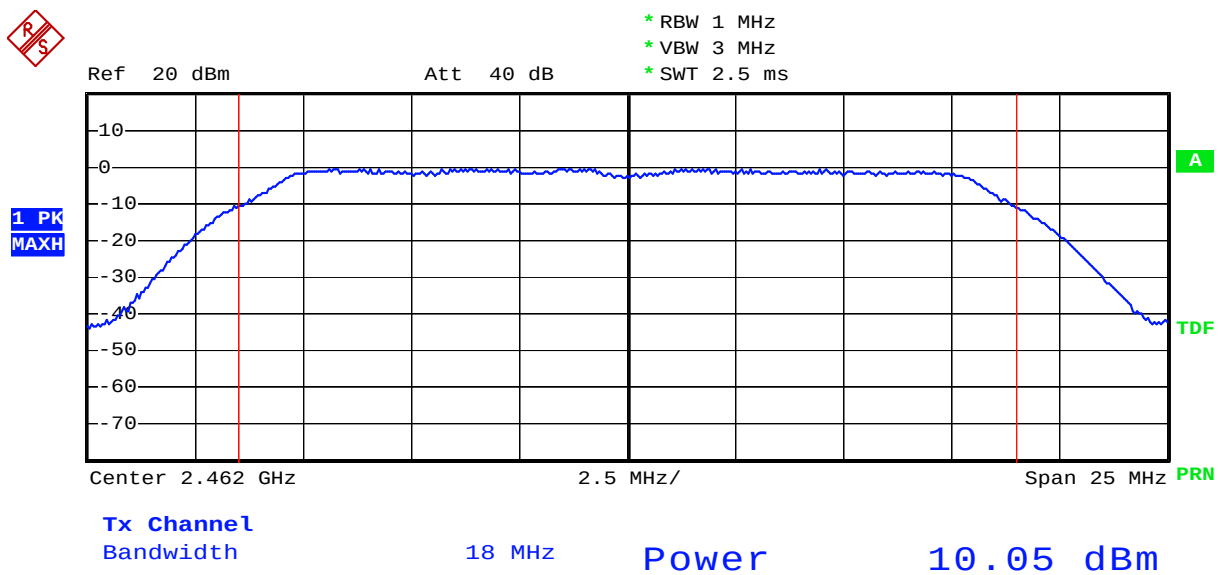
Date: 5.MAY.2012 18:09:24

802.11n Channel Middle 2437MHz (20MHz)



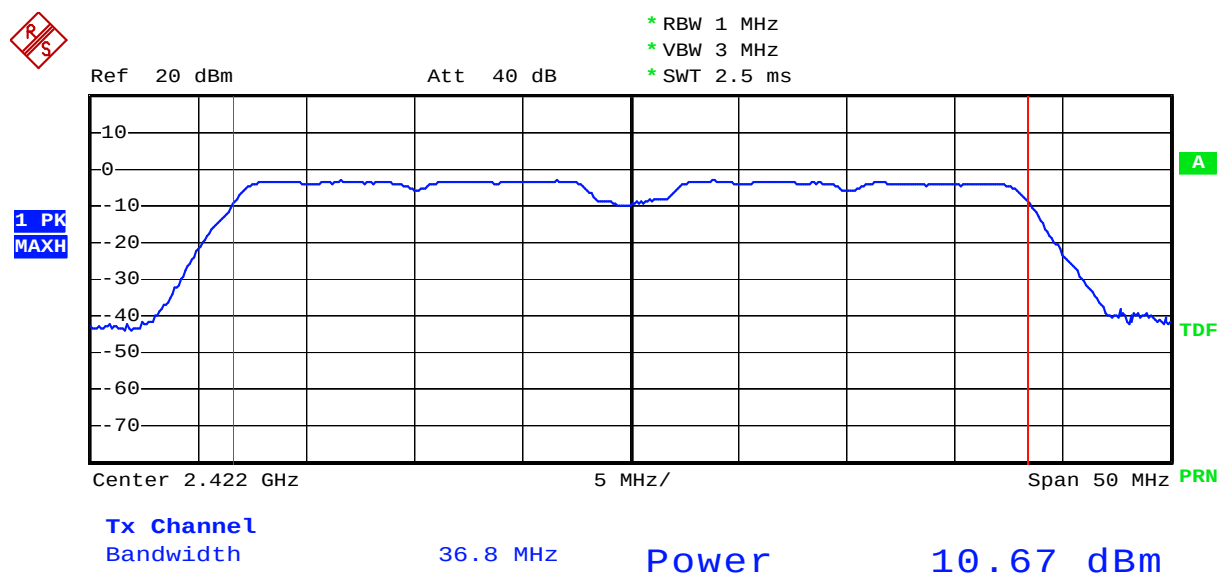
Comment A:
Date: 5.MAY.2012 18:10:00

802.11n Channel High 2462MHz (20MHz)



Comment A:
Date: 5.MAY.2012 18:10:34

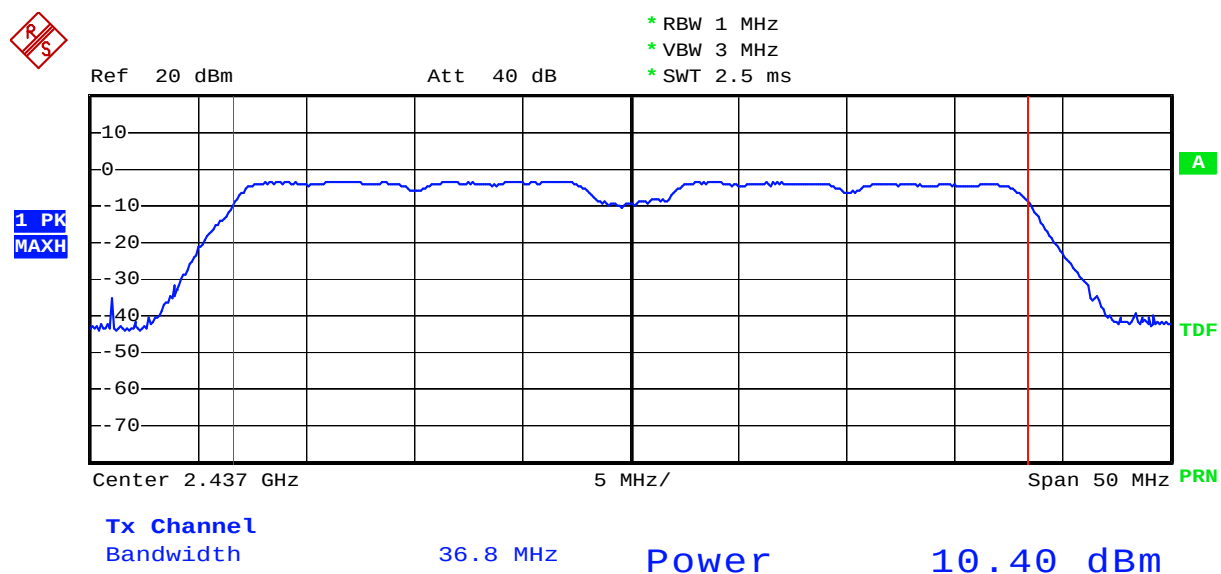
802.11n Channel Low 2422MHz (40MHz)



Comment A:

Date: 5.MAY.2012 18:34:46

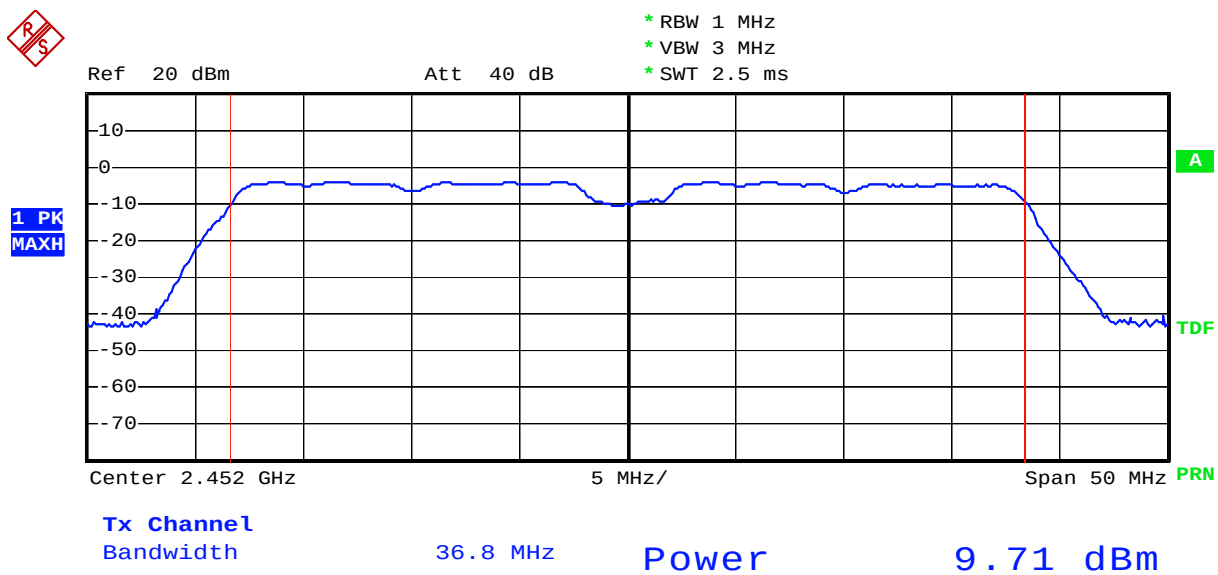
802.11n Channel Middle 2437MHz (40MHz)



Comment A:

Date: 5.MAY.2012 18:35:40

802.11n Channel High 2452MHz (40MHz)



Comment A:

Date: 5.MAY.2012 18:36:15

7. POWER SPECTRAL DENSITY MEASUREMENT

7.1. Block Diagram of Test Setup



(EUT: Creative HanZpad)

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. Creative HanZpad (EUT)

Model Number	:	PMT-ZZ0030
Serial Number	:	N/A
Manufacturer	:	Creative Technology 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 EUT was tested according to DTS test procedure of March 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

7.5.3. Set RBW of spectrum analyzer to 3kHz and VBW to 10kHz, sweep time = Span/30kHz or Span/60kHz (40MHz).

7.5.4. Measurement the maximum power spectral density.

7.6. Test Result

PASS.

Date of Test:	May 5, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b

Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-23.57	8 dBm
Middle	2437	-21.98	8 dBm
High	2462	-23.94	8 dBm

The test was performed with 802.11g

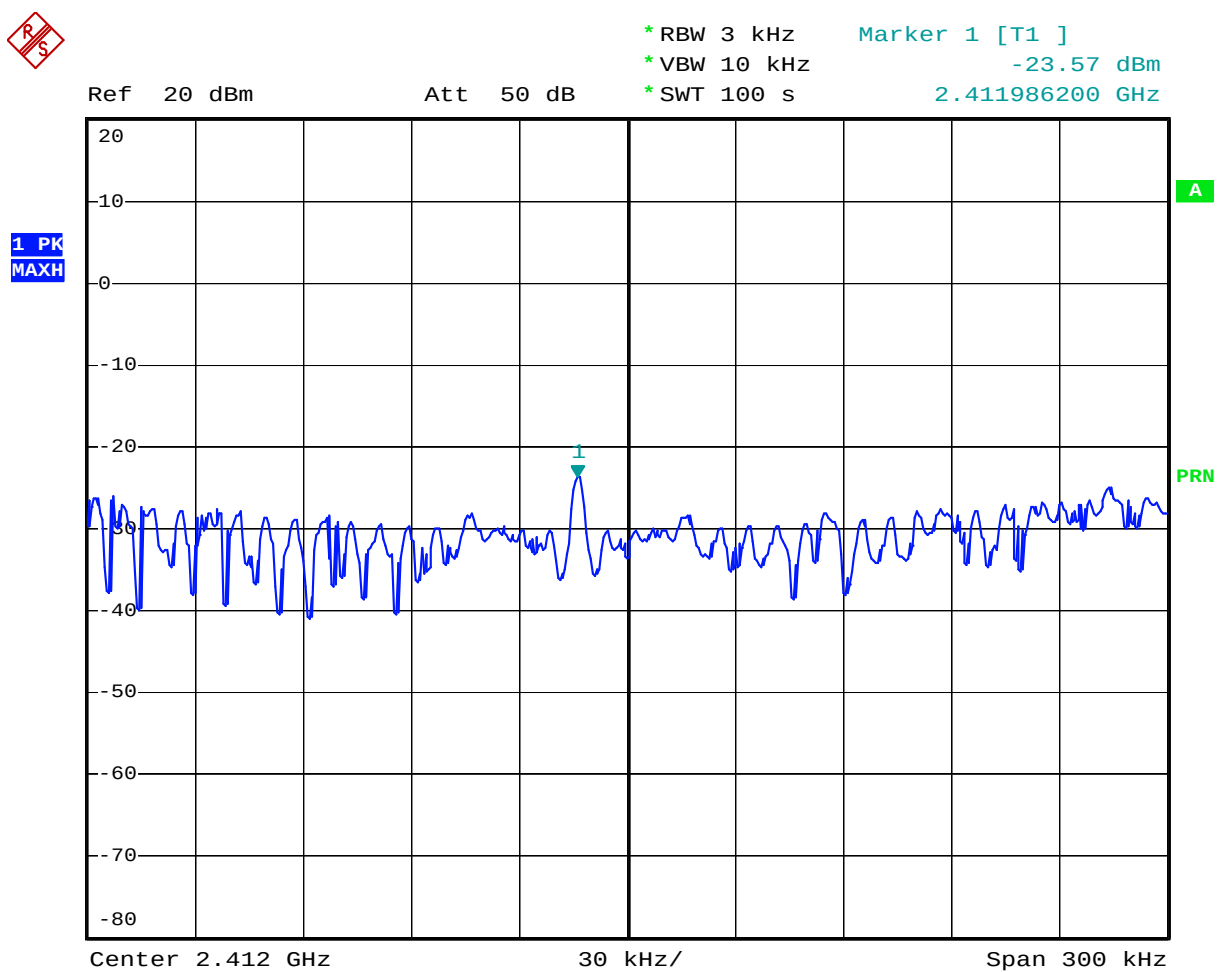
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-17.44	8 dBm
Middle	2437	-16.85	8 dBm
High	2462	-17.65	8 dBm

The test was performed with 802.11n (20MHz)			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-17.82	8 dBm
Middle	2437	-19.40	8 dBm
High	2462	-18.47	8 dBm

The test was performed with 802.11n (40MHz)			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2422	-17.03	8 dBm
Middle	2437	-18.64	8 dBm
High	2452	-19.52	8 dBm

The spectrum analyzer plots are attached as below.

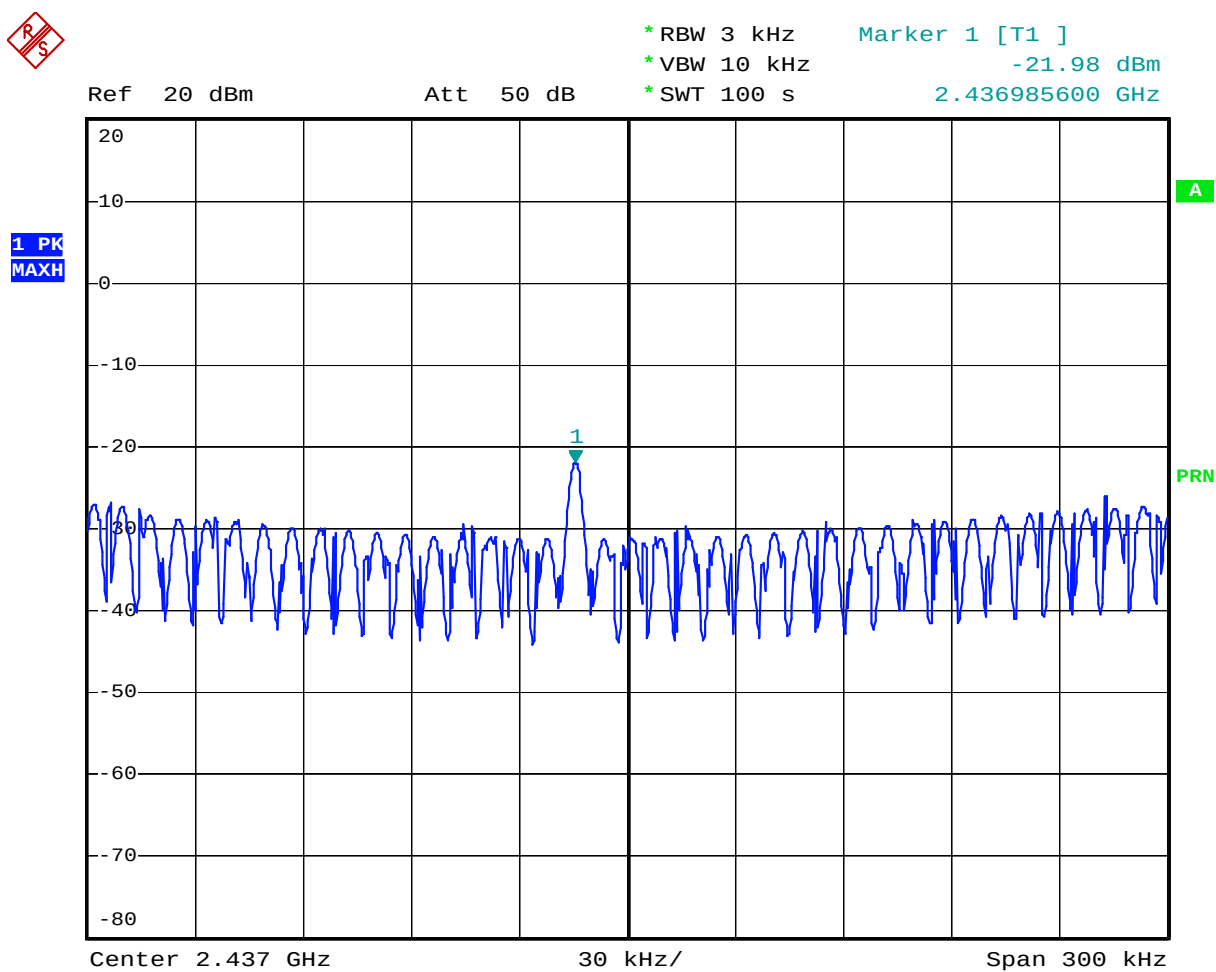
802.11b Channel Low 2412MHz



Comment A:

Date: 5.MAY.2012 16:48:56

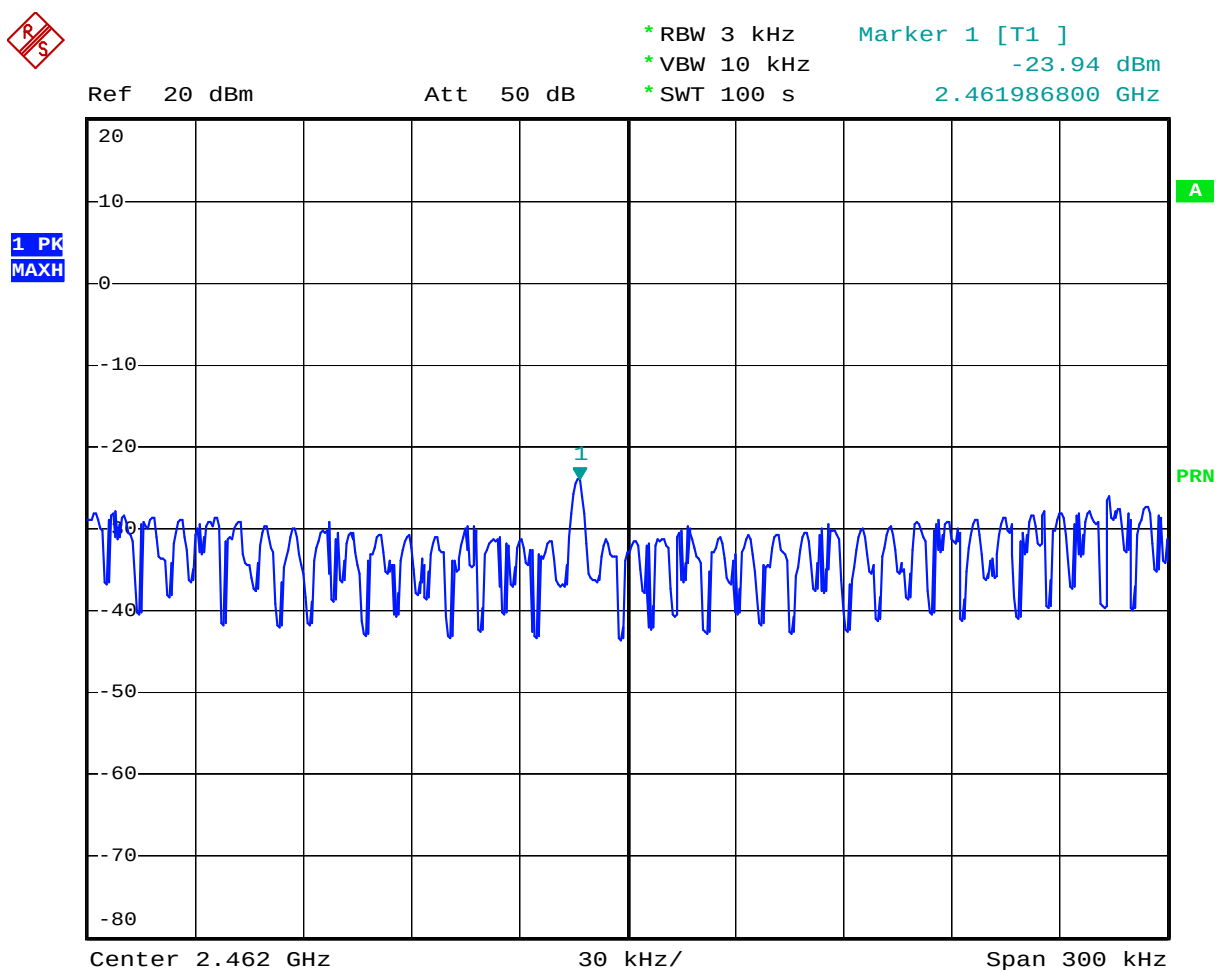
802.11b Channel Middle 2437MHz



Comment A:

Date: 5.MAY.2012 17:48:11

802.11b Channel High 2462MHz



Comment A:

Date: 5.MAY.2012 16:56:39

802.11g Channel Low 2412MHz



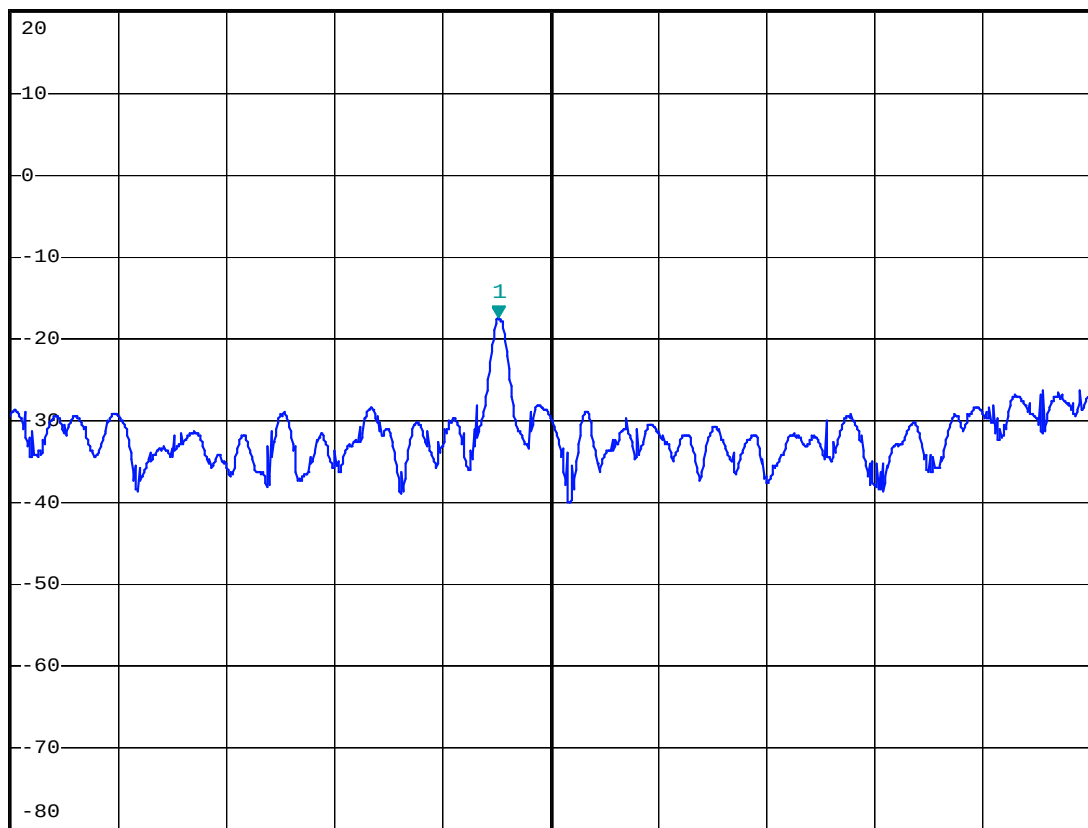
* RBW 3 kHz
 * VBW 10 kHz
 * SWT 100 s

Marker 1 [T1]
 -17.44 dBm
 2.411985600 GHz

Ref 20 dBm

Att 50 dB

1 PK
 MAXH



Center 2.412 GHz

30 kHz/

Span 300 kHz

Comment A:

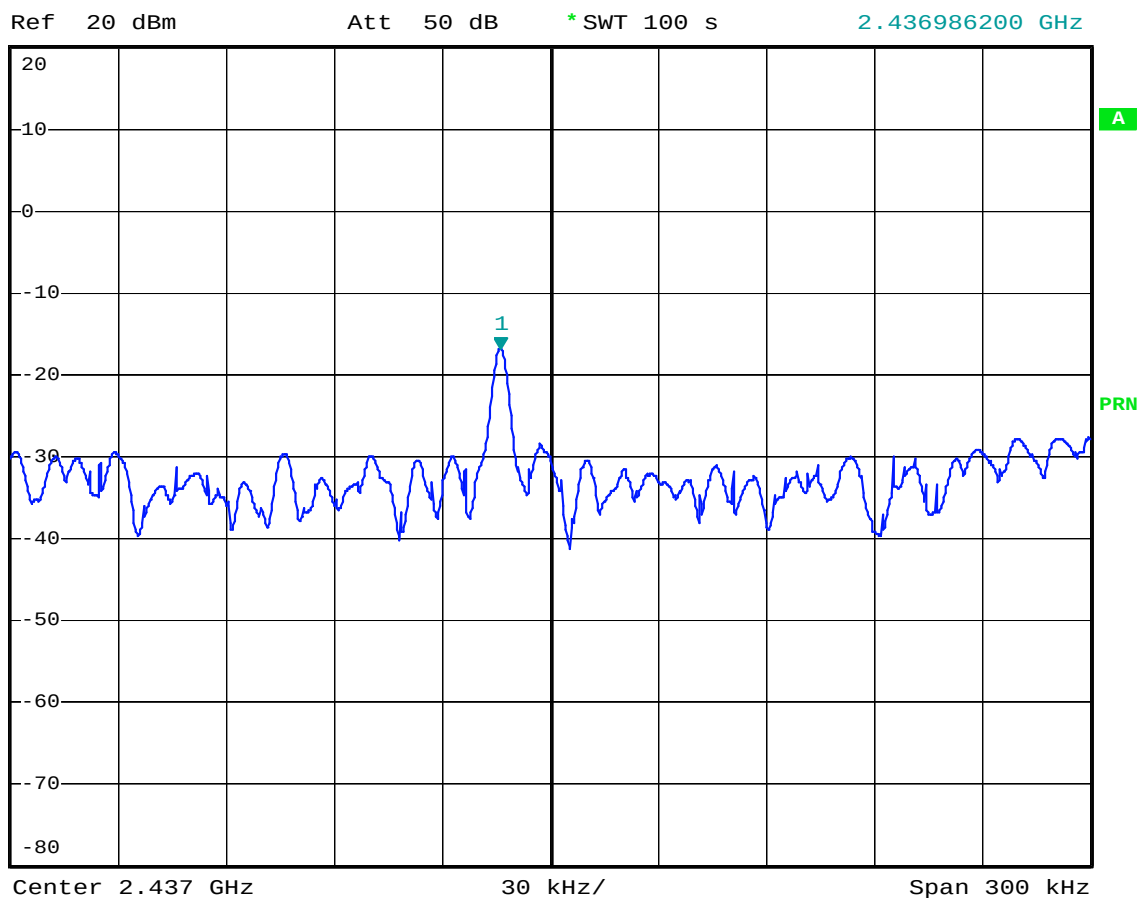
Date: 5.MAY.2012 17:20:51

802.11g Channel Middle 2437MHz



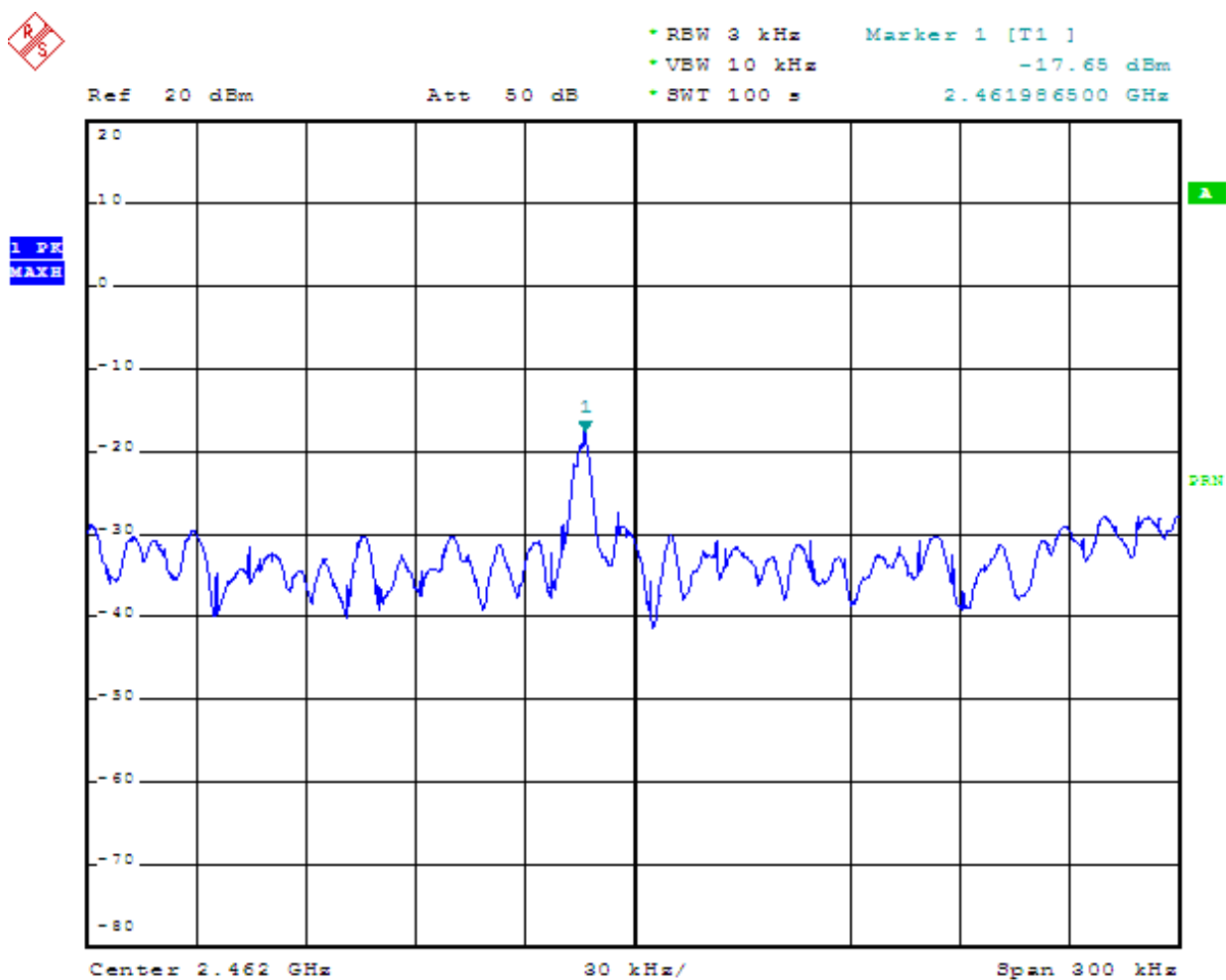
* RBW 3 kHz
 * VBW 10 kHz
 * SWT 100 s

Marker 1 [T1]
 -16.85 dBm
 2.436986200 GHz



Comment A:
 Date: 5.MAY.2012 17:15:27

802.11g Channel High 2462MHz



Comment A:

Date: 5.MAY.2012 17:10:14

802.11n Channel Low 2412MHz (20MHz)



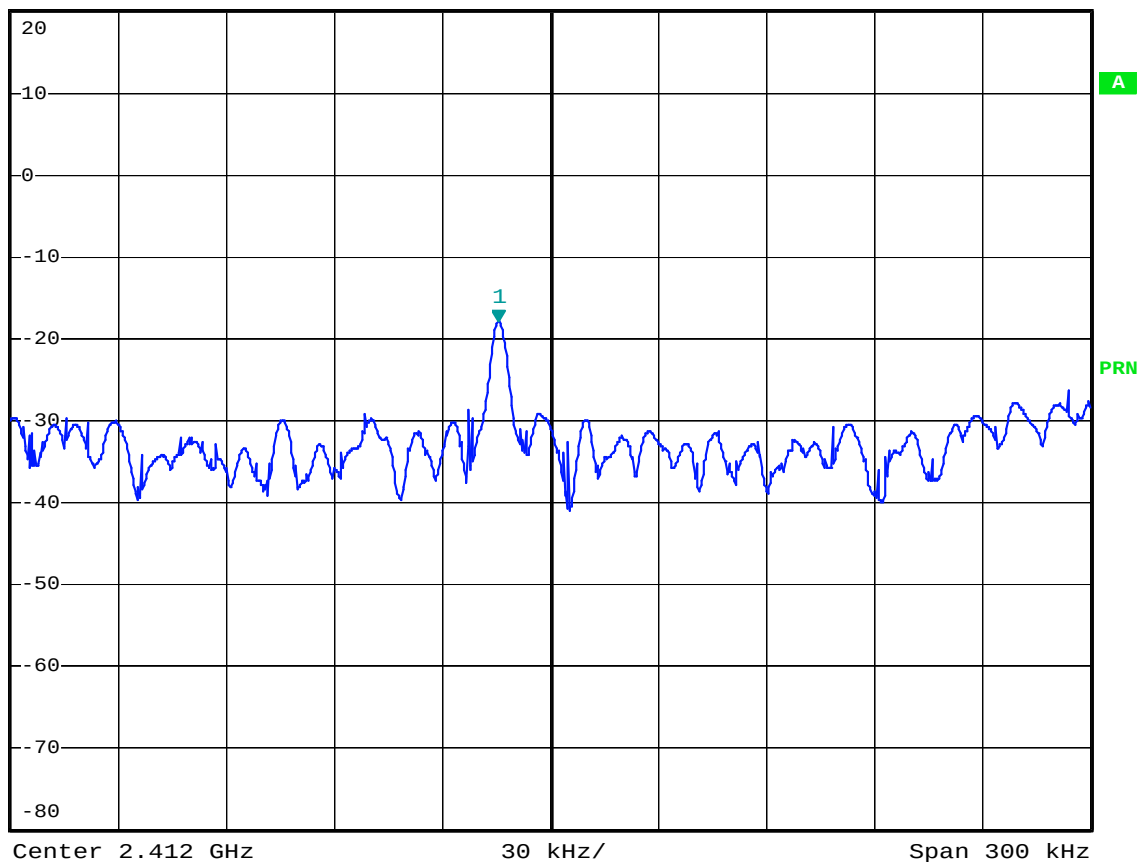
* RBW 3 kHz
 * VBW 10 kHz
 * SWT 100 s

Marker 1 [T1]
 -17.82 dBm
 2.411985600 GHz

Ref 20 dBm

Att 50 dB

1 PK
 MAXH



Comment A:

Date: 5.MAY.2012 17:26:13

802.11n Channel Middle 2437MHz (20MHz)

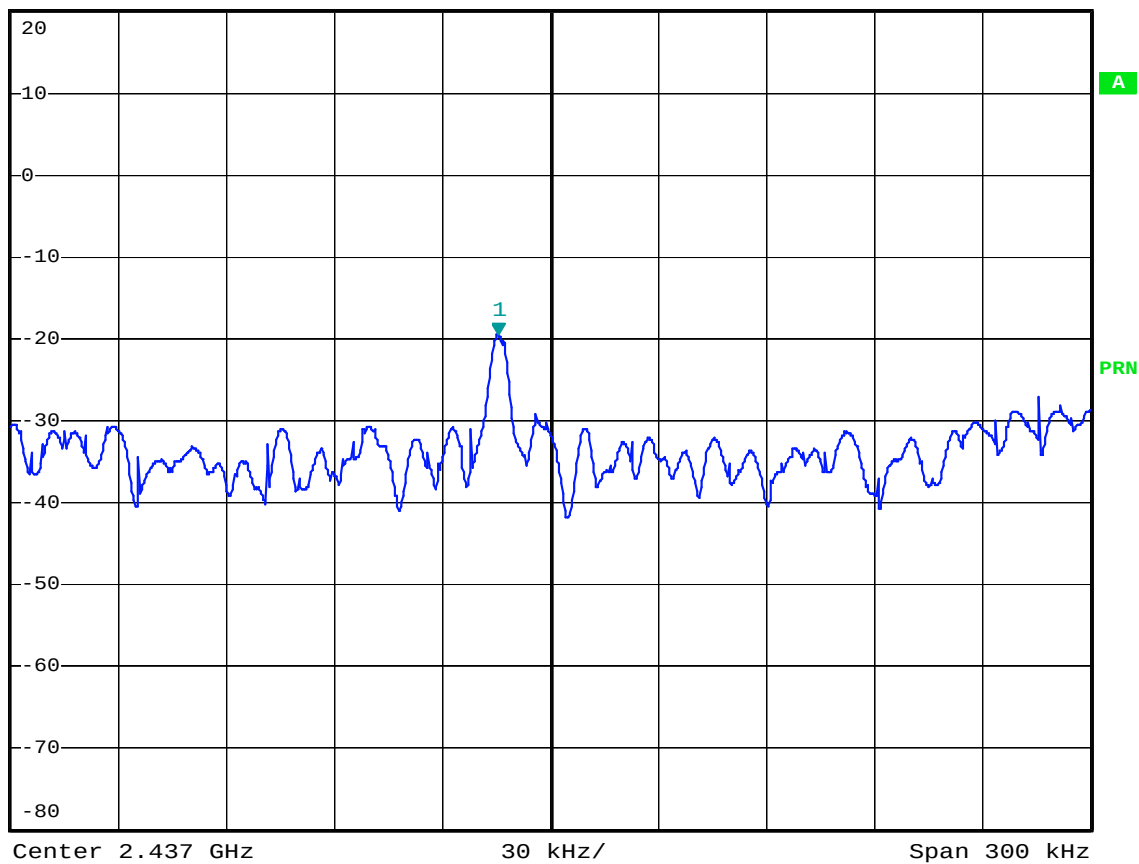


* RBW 3 kHz Marker 1 [T1]
* VBW 10 kHz -19.40 dBm
* SWT 100 s 2.436985600 GHz

Ref 20 dBm

Att 50 dB

1 PK
MAXH



Comment A:

Date: 5.MAY.2012 17:30:29

802.11n Channel High 2462MHz(20MHz)



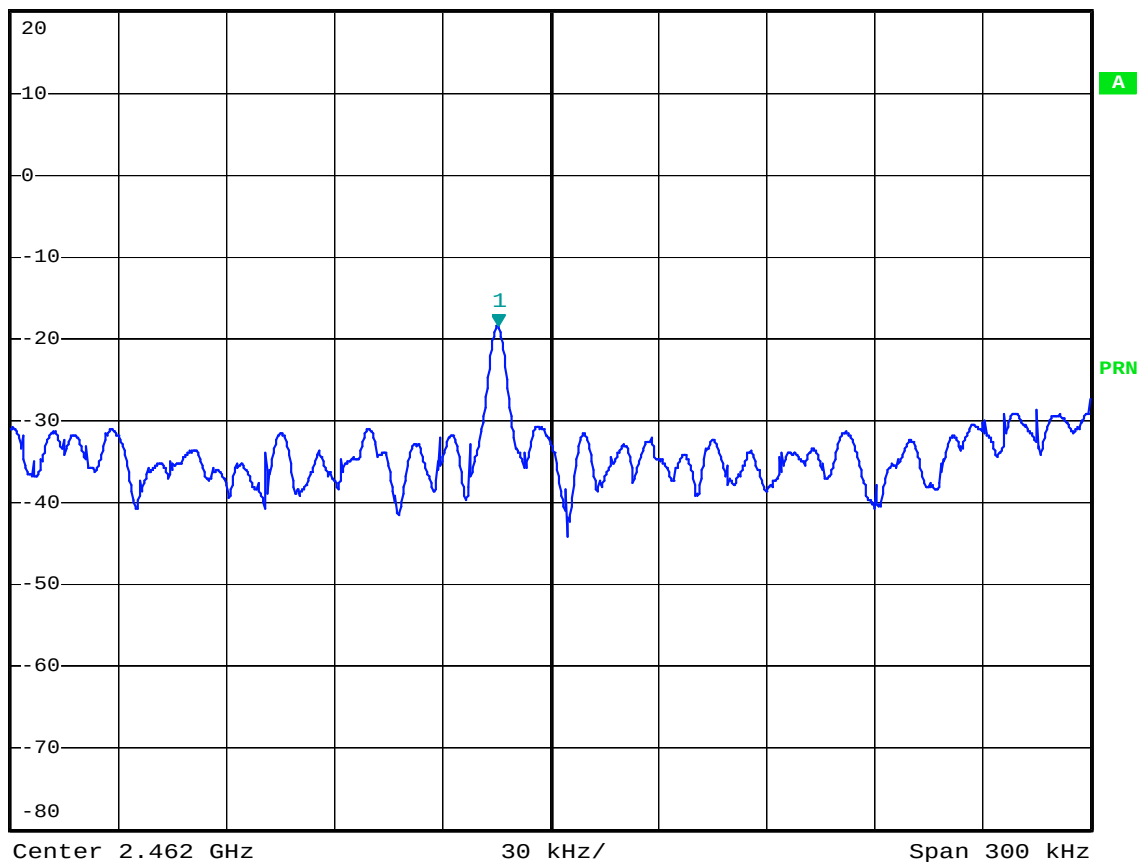
* RBW 3 kHz
 * VBW 10 kHz
 * SWT 100 s

Marker 1 [T1]
 -18.47 dBm
 2.461985300 GHz

Ref 20 dBm

Att 50 dB

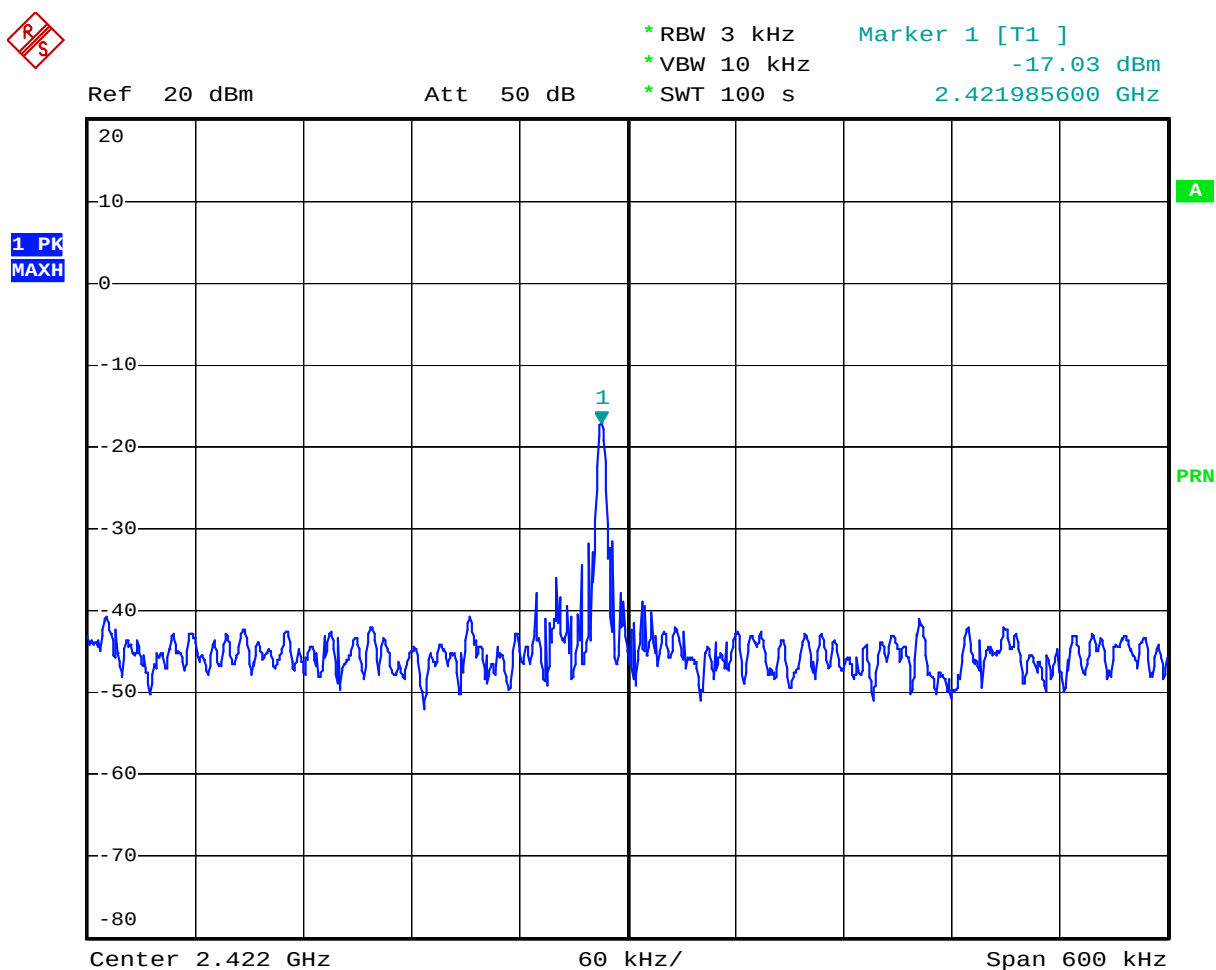
1 PK
 MAXH



Comment A:

Date: 5.MAY.2012 17:34:36

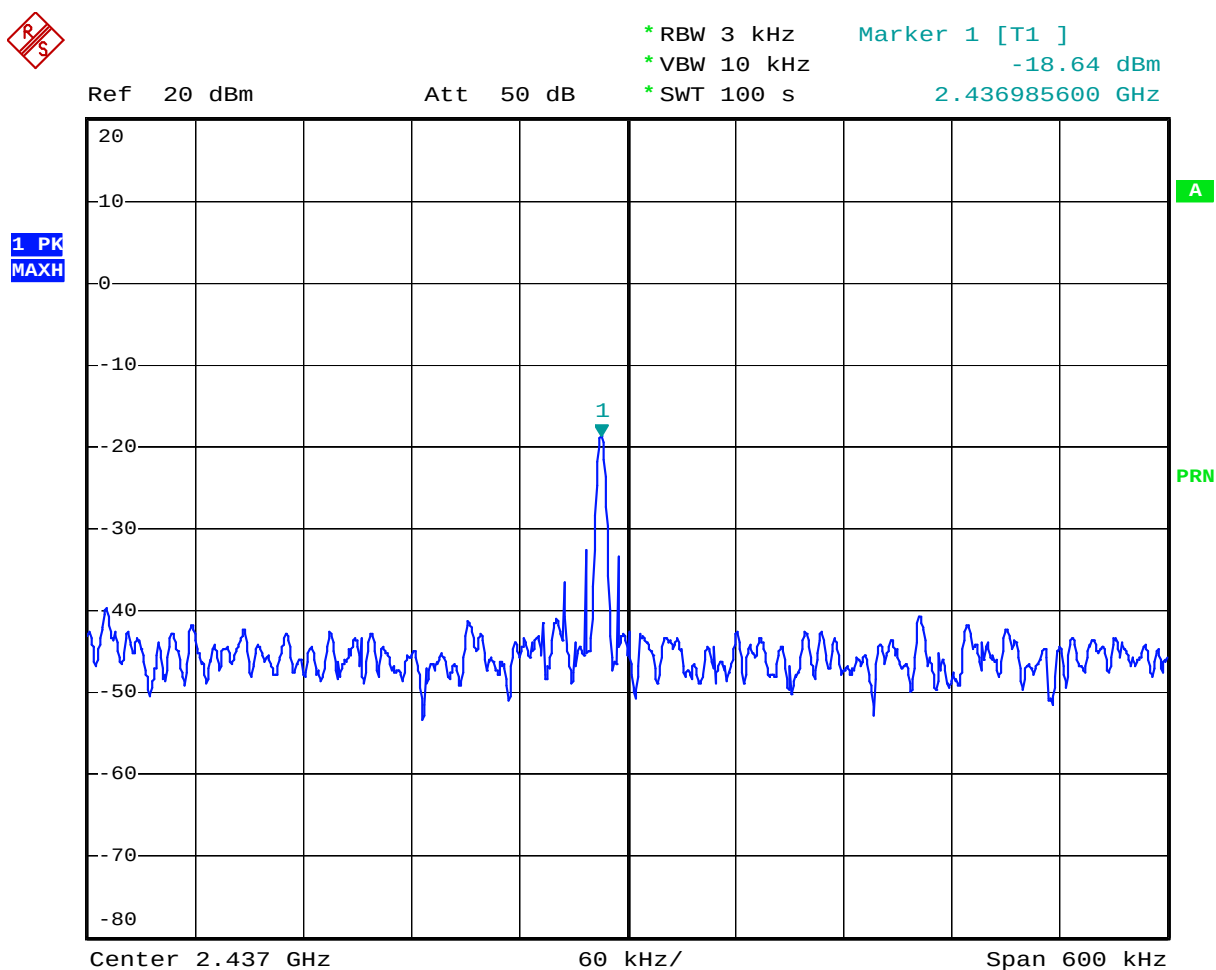
802.11n Channel Low 2422MHz (40MHz)



Comment A:

Date: 5.MAY.2012 17:54:25

802.11n Channel Middle 2437MHz(40MHz)



Comment A:

Date: 5.MAY.2012 17:58:24

802.11n Channel High 2452MHz(40MHz)



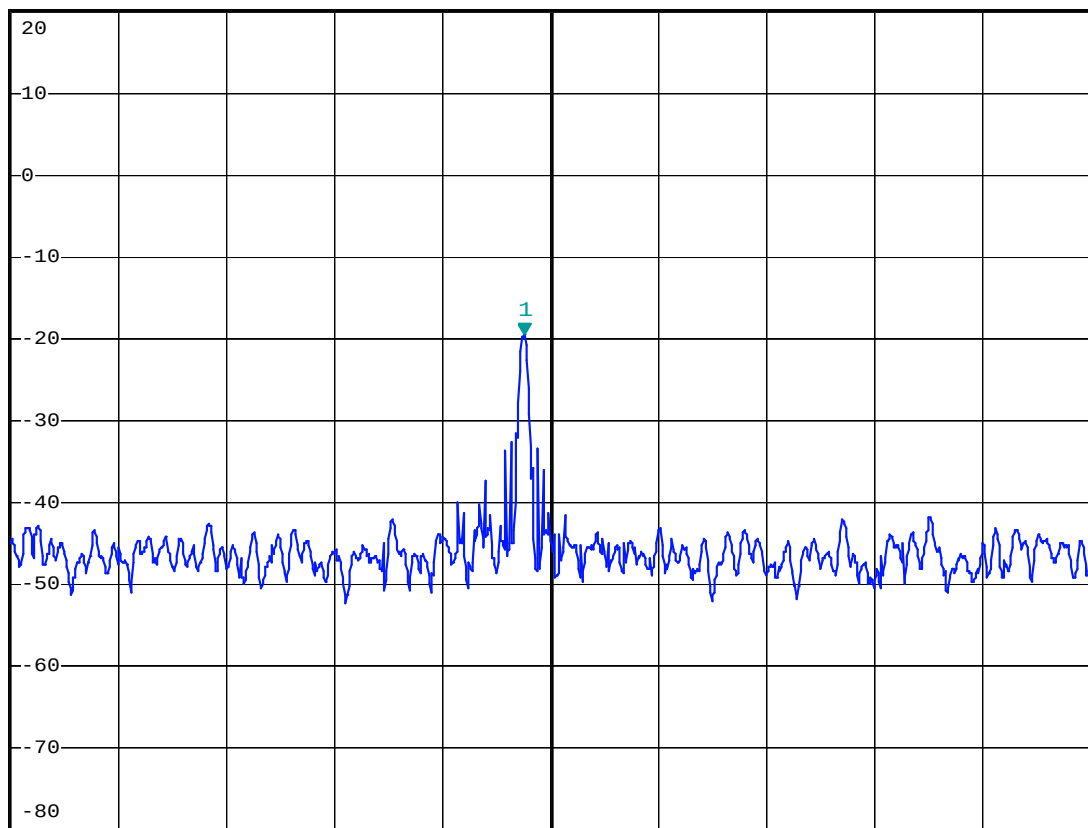
* RBW 3 kHz
 * VBW 10 kHz
 * SWT 100 s

Marker 1 [T1]
 -19.52 dBm
 2.451985600 GHz

Ref 20 dBm

Att 50 dB

1 PK
 MAXH



Center 2.452 GHz

60 kHz/

Span 600 kHz

A

PRN

Comment A:

Date: 5.MAY.2012 18:02:25

8. BAND EDGE COMPLIANCE TEST

8.1. Block Diagram of Test Setup



(EUT: Creative HanZpad)

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. Creative HanZpad (EUT)

Model Number	:	PMT-ZZ0030
Serial Number	:	N/A
Manufacturer	:	Creative Technology Ltd

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 100kHz and VBW to 300kHz.

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 5, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	39.70	> 20dBc
2462	40.11	> 20dBc

The test was performed with 802.11g

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.24	> 20dBc
2462	37.02	> 20dBc

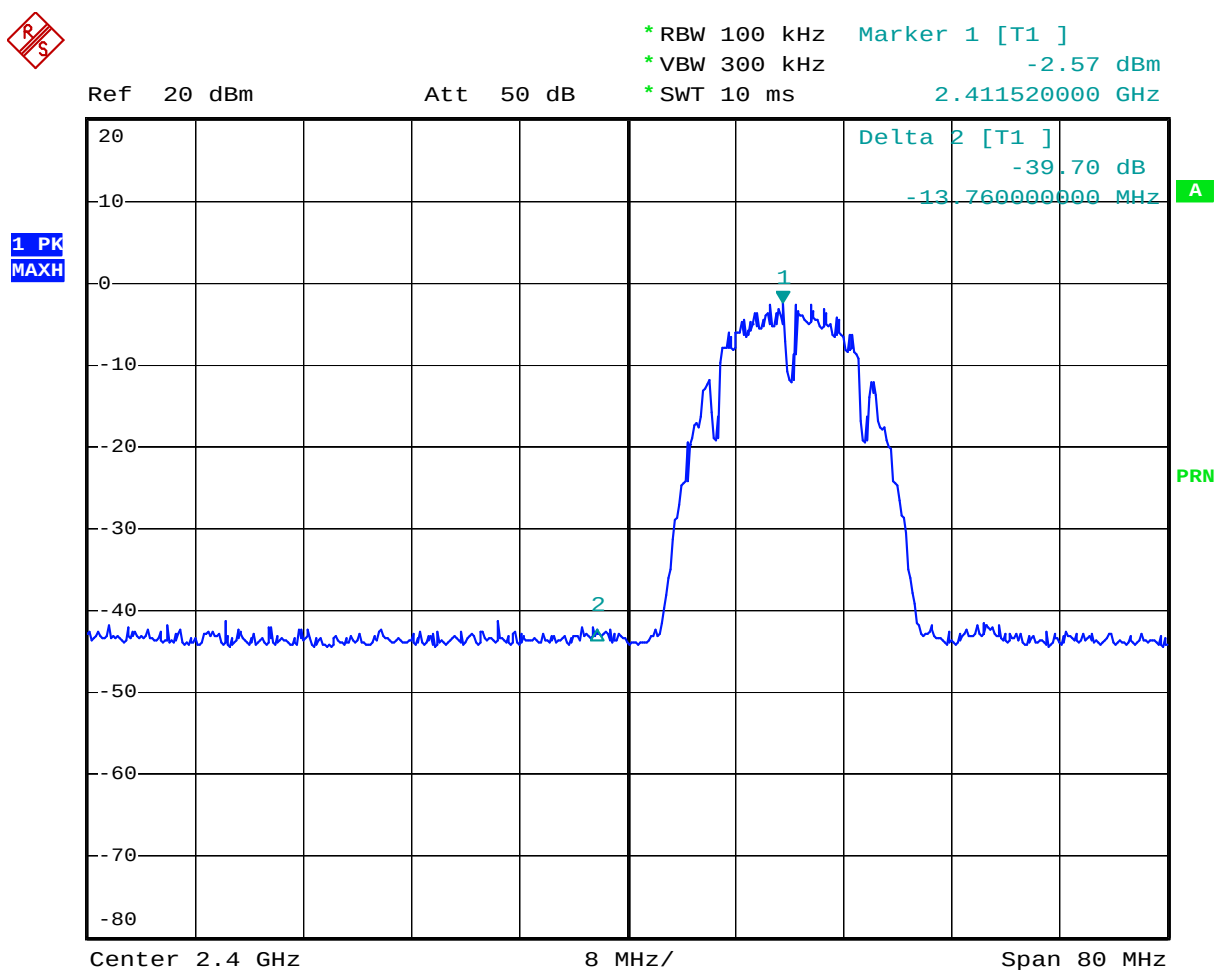
The test was performed with 802.11n (20MHz)

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	33.39	> 20dBc
2462	35.97	> 20dBc

The test was performed with 802.11n (40MHz)

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2422	28.09	> 20dBc
2452	30.22	> 20dBc

802.11b Channel Low 2412MHz



Comment A:

Date: 5.MAY.2012 16:35:03

802.11b Channel High 2462MHz

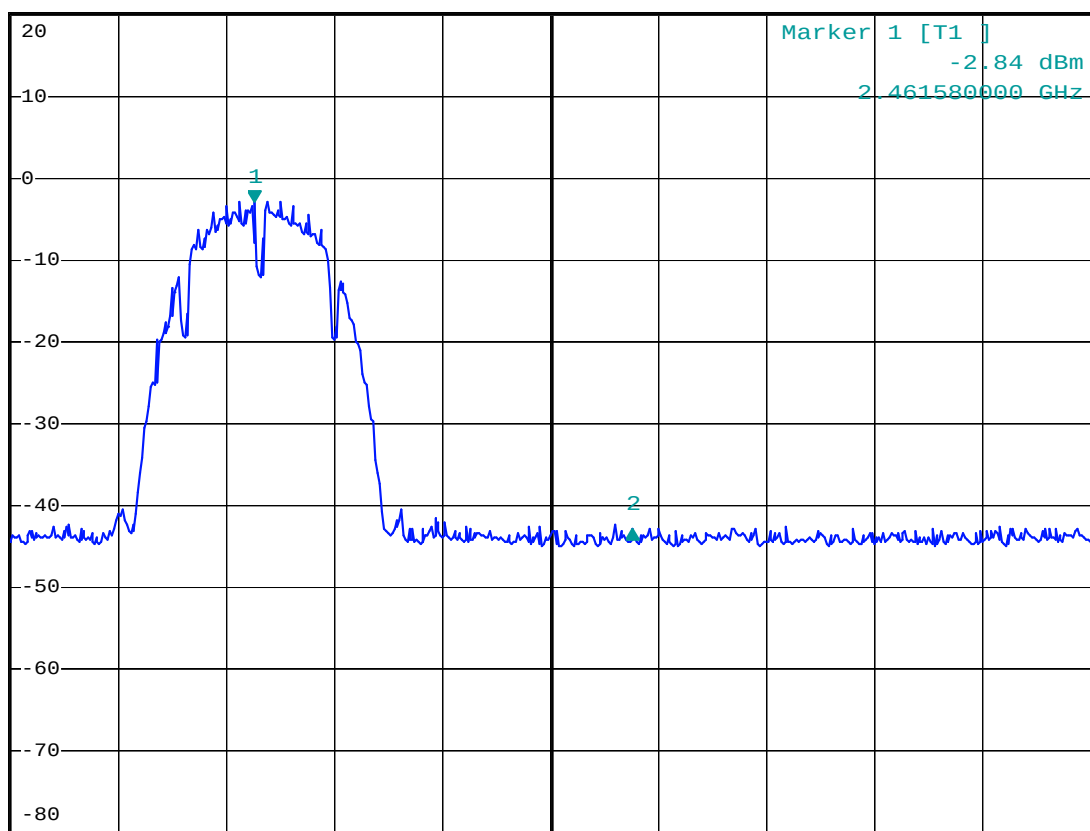


* RBW 100 kHz Delta 2 [T1]
 * VBW 300 kHz -40.11 dB
 * SWT 10 ms 28.000000000 MHz

Ref 20 dBm

Att 50 dB

1 PK
 MAXH



Center 2.4835 GHz

8 MHz/

Span 80 MHz

Comment A:

Date: 5.MAY.2012 16:36:03

802.11g Channel Low 2412MHz

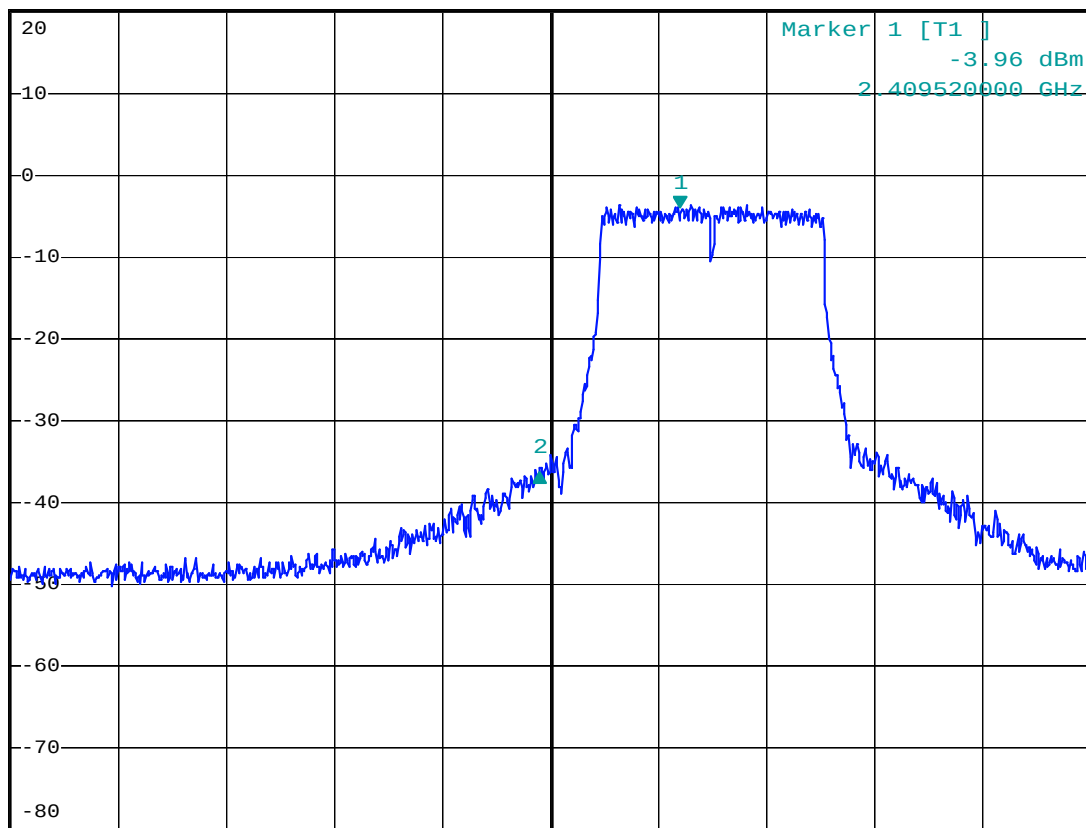


* RBW 100 kHz Delta 2 [T1]
 * VBW 300 kHz -32.24 dB
 * SWT 10 ms -10.320000000 MHz

Ref 20 dBm

Att 40 dB

1 PK
MAXH



A

PRN

Center 2.4 GHz

8 MHz/

Span 80 MHz

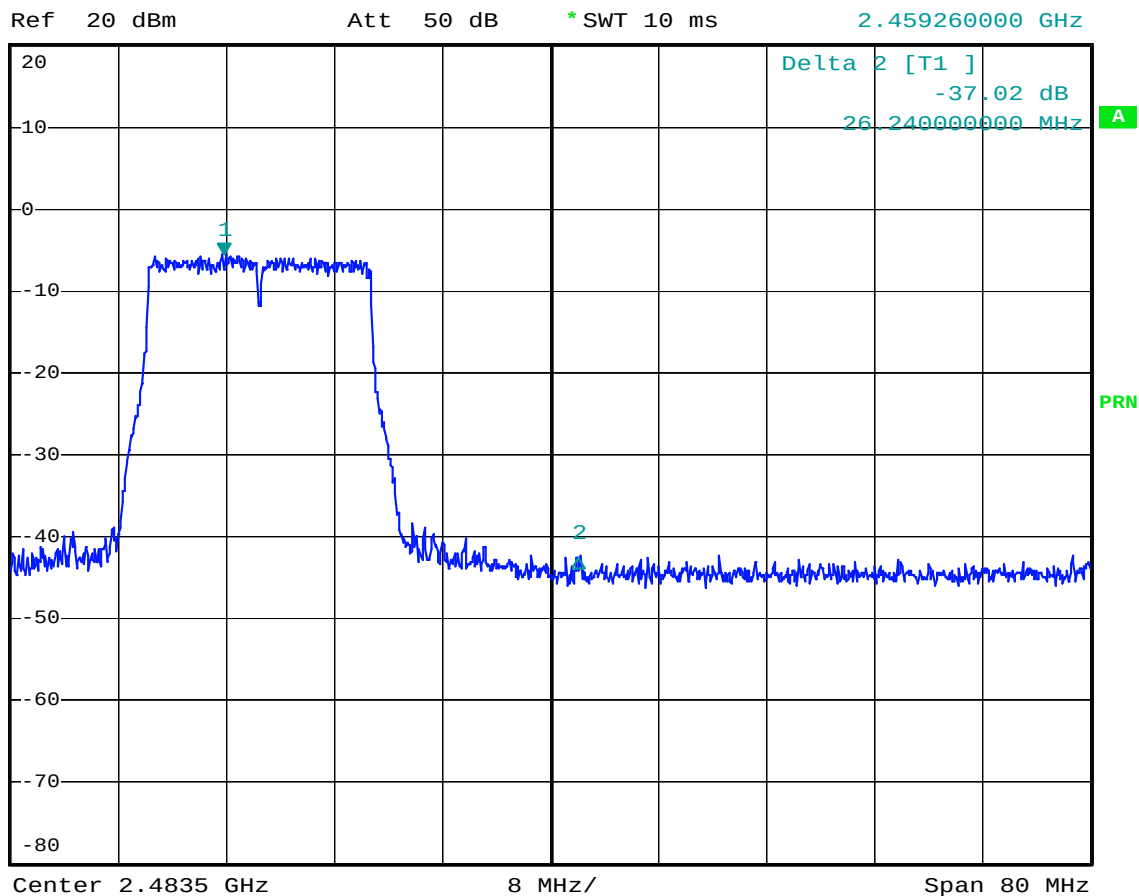
Comment A:

Date: 5.MAY.2012 17:04:35

802.11g Channel High 2462MHz



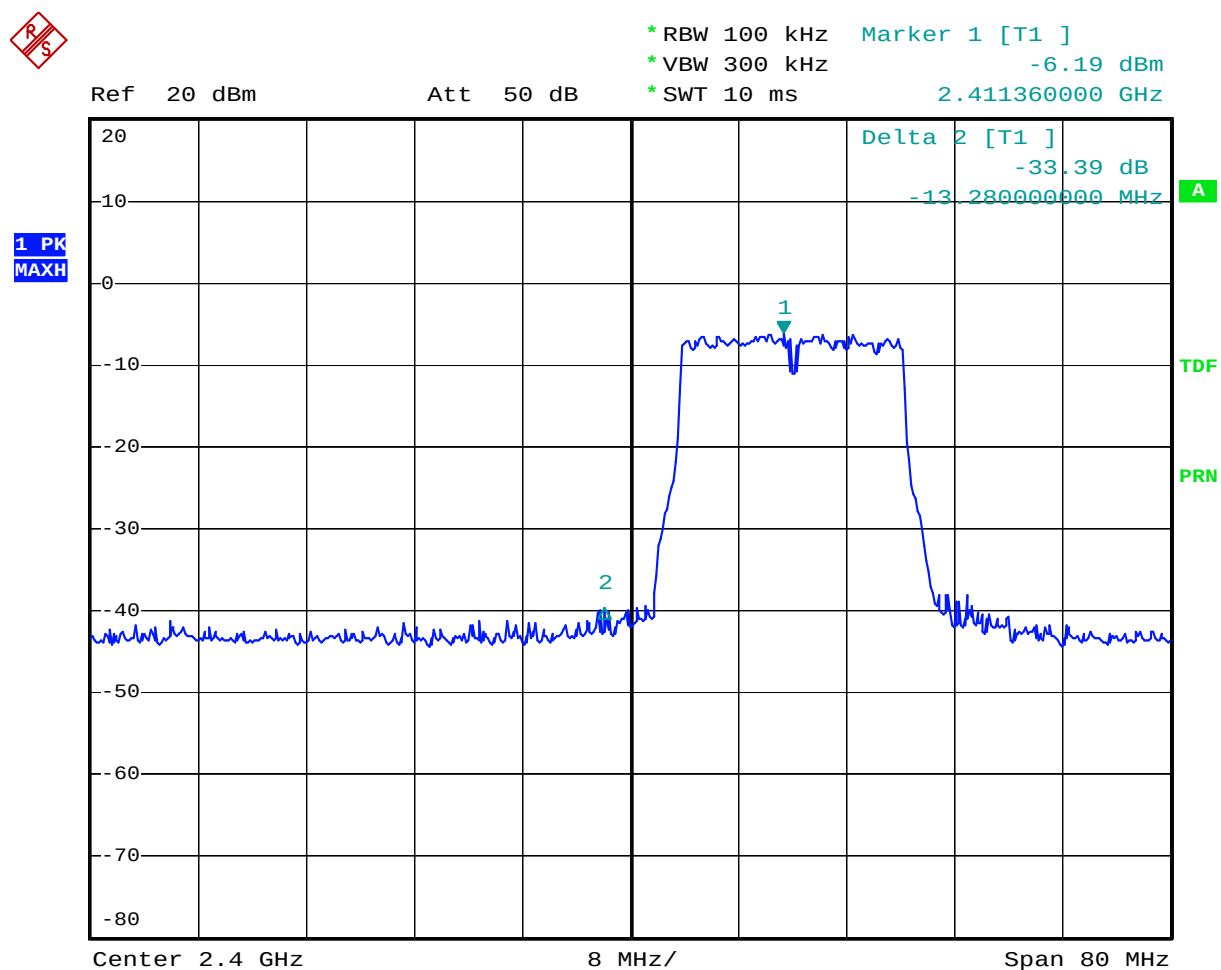
* RBW 100 kHz Marker 1 [T1]
 * VBW 300 kHz -5.64 dBm
 * SWT 10 ms 2.459260000 GHz



Comment A:

Date: 5.MAY.2012 17:05:38

802.11n Channel Low 2412MHz (20MHz)



Comment A:

Date: 5.MAY.2012 18:18:06

802.11n Channel High 2462MHz (20MHz)

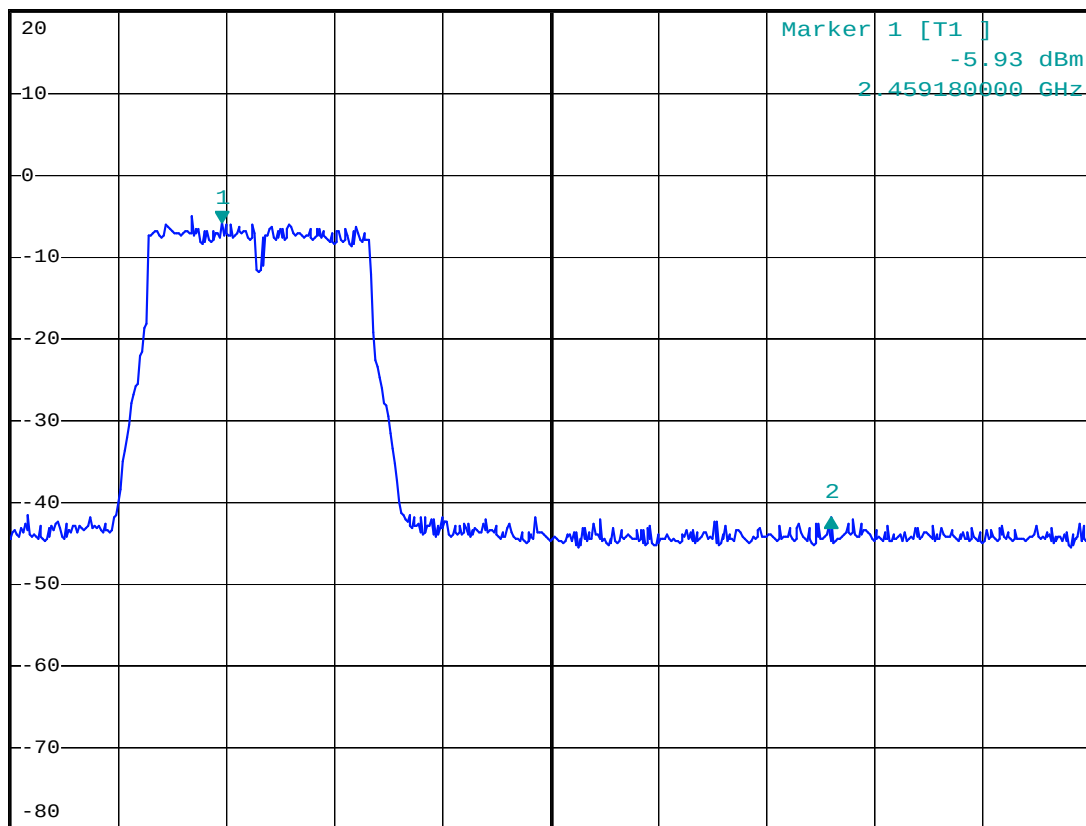


* RBW 100 kHz Delta 2 [T1]
 * VBW 300 kHz -35.97 dB
 * SWT 10 ms 45.120000000 MHz

Ref 20 dBm

Att 50 dB

1 PK
MAXH



A

TDF

PRN

Center 2.4835 GHz

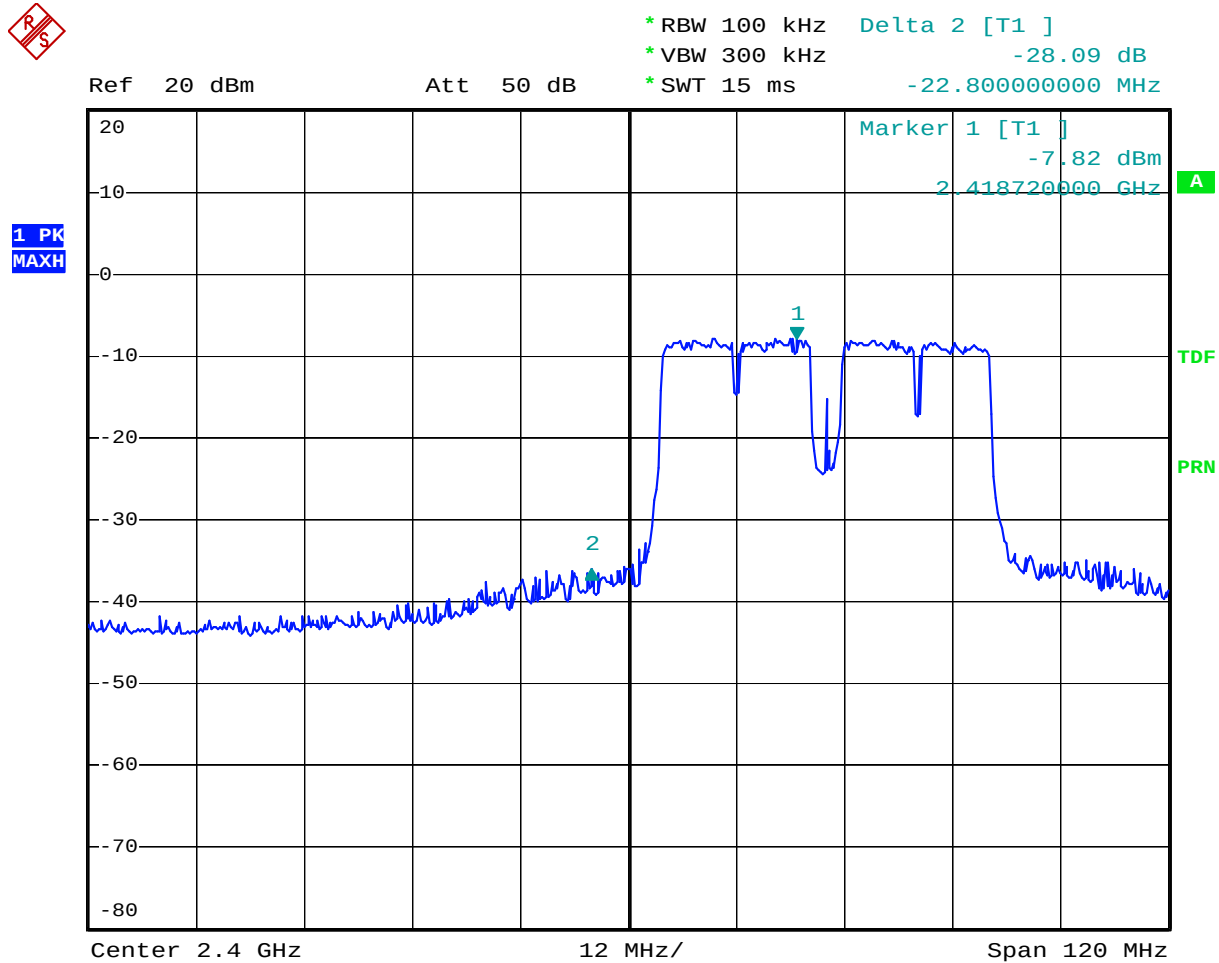
8 MHz/

Span 80 MHz

Comment A:

Date: 5.MAY.2012 18:19:11

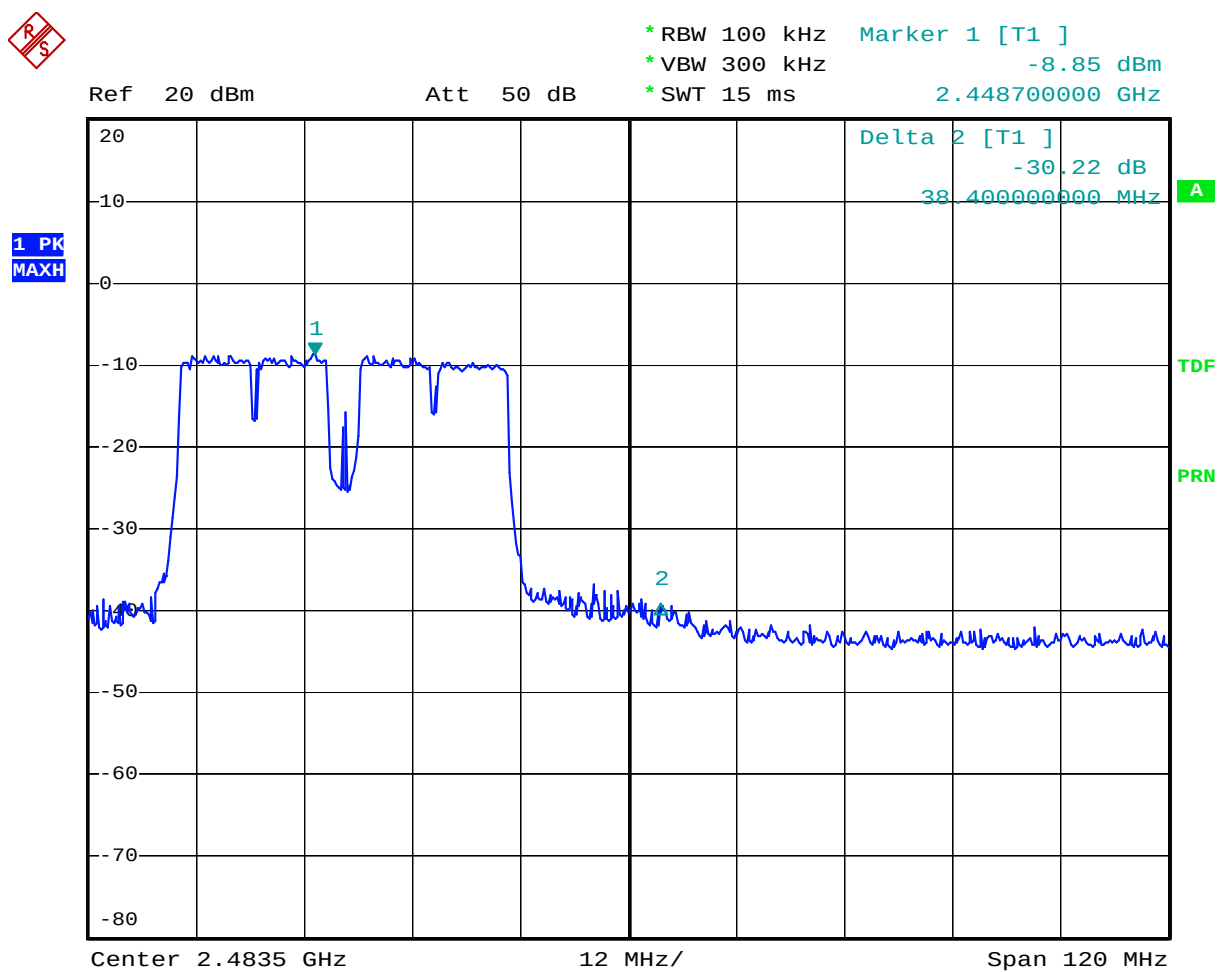
802.11n Channel Low 2422MHz (40MHz)



Comment A:

Date: 5.MAY.2012 18:32:21

802.11n Channel High 2452MHz (40MHz)



Comment A:

Date: 5.MAY.2012 18:30:54

Radiated Band Edge Result

Date of Test:	May 12, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Pei

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	
2310.000	32.58	45.23	-7.81	24.77	37.42	54	74	-29.23	-36.58	Vertical
2376.552	33.59	46.68	-7.61	25.98	39.07	54	74	-28.02	-34.93	Vertical
2390.000	37.42	49.13	-7.53	29.89	41.60	54	74	-24.11	-32.40	Vertical
2310.000	31.02	44.37	-7.81	23.21	36.56	54	74	-30.79	-37.44	Horizontal
2377.819	32.24	46.51	-7.61	24.63	38.90	54	74	-29.37	-35.10	Horizontal
2390.000	32.90	44.71	-7.53	25.37	37.18	54	74	-28.63	-36.82	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 7, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Pei

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	
2843.500	33.23	44.61	-7.37	25.86	37.24	54	74	-28.14	-36.76	Vertical
2486.558	34.58	47.02	-7.38	27.20	39.64	54	74	-26.80	-34.36	Vertical
2500.000	32.58	44.10	-7.40	25.18	36.70	54	74	-28.82	-37.30	Vertical
2483.500	32.33	45.29	-7.37	24.96	37.92	54	74	-29.04	-36.08	Horizontal
2487.982	31.68	46.76	-7.38	24.30	39.38	54	74	-29.70	-34.62	Horizontal
2500.000	33.25	45.20	-7.40	25.85	37.80	54	74	-28.15	-36.20	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 7, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Pei

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	
2310.000	33.48	47.11	-7.81	25.67	39.30	54	74	-28.33	-34.70	Vertical
2383.034	44.96	59.96	-7.57	37.39	52.39	54	74	-16.61	-21.61	Vertical
2390.000	50.43	74.81	-7.53	42.90	67.28	54	74	-11.10	-6.72	Vertical
2310.000	30.20	45.16	-7.81	22.39	37.35	54	74	-31.61	-36.65	Horizontal
2384.586	39.65	55.16	-7.56	32.09	47.60	54	74	-21.91	-26.40	Horizontal
2390.000	42.36	59.34	-7.53	34.83	51.81	54	74	-19.17	-22.19	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 7, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Pei

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	57.57	69.97	-7.37	50.20	62.60	54	74	-3.80	-11.40	Vertical
2487.507	45.36	60.86	-7.38	37.98	53.48	54	74	-16.02	-20.52	Vertical
2500.000	36.55	47.63	-7.40	29.15	40.23	54	74	-24.85	-33.77	Vertical
2483.395	38.96	50.96	-7.37	31.59	43.59	54	74	-22.41	-30.41	Horizontal
2488.141	36.68	46.97	-7.38	29.30	39.59	54	74	-24.70	-34.41	Horizontal
2500.000	34.50	45.54	-7.40	27.10	38.14	54	74	-26.90	-35.86	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 7, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel Low 2412MHz (20MHz)	Test Engineer:	Pei

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	
2310.000	32.68	47.52	-7.81	24.87	39.71	54	74	-29.13	-34.29	Vertical
2386.700	47.32	63.70	-7.54	39.78	56.16	54	74	-14.22	-17.84	Vertical
2390.000	52.02	72.88	-7.53	44.49	65.35	54	74	-9.51	-8.65	Vertical
2310.000	32.20	47.07	-7.81	24.39	39.26	54	74	-29.61	-34.74	Horizontal
2385.857	37.21	53.69	-7.56	29.65	46.13	54	74	-24.35	-27.87	Horizontal
2390.000	39.11	59.15	-7.53	31.58	51.62	54	74	-22.42	-22.38	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:
Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	May 7, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel High 2462MHz (20MHz)	Test Engineer:	Pei

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	46.57	71.24	-7.37	39.20	63.87	54	74	-14.80	-10.13	Vertical
2492.737	34.23	52.75	-7.39	26.84	45.36	54	74	-27.16	-28.64	Vertical
2500.000	31.79	48.26	-7.40	24.39	40.86	54	74	-29.61	-33.14	Vertical
2483.500	30.20	47.00	-7.37	22.83	39.63	54	74	-31.17	-34.37	Horizontal
2487.824	28.90	47.07	-7.38	21.52	39.69	54	74	-32.48	-34.31	Horizontal
2500.000	26.36	48.85	-7.40	18.96	38.45	54	74	-35.04	-35.55	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 7, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel Low 2422MHz (40MHz)	Test Engineer:	Pei

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	
2310.000	31.28	44.43	-7.81	23.47	36.62	54	74	-30.53	-37.38	Vertical
2379.640	51.56	63.50	-7.59	43.97	55.91	54	74	-10.03	-18.09	Vertical
2390.000	58.03	67.94	-7.53	50.50	60.41	54	74	-3.50	-13.59	Vertical
2310.000	33.24	44.72	-7.81	25.43	36.91	54	74	-28.57	-37.09	Horizontal
2379.640	34.25	50.57	-7.59	26.66	42.98	54	74	-27.34	-31.02	Horizontal
2390.000	34.68	45.39	-7.53	27.15	37.86	54	74	-26.85	-36.14	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 7, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel High 2452MHz (40MHz)	Test Engineer:	Pei

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	55.23	62.02	-7.37	47.86	54.65	54	74	-6.14	-19.35	Vertical
2487.746	53.36	66.13	-7.38	45.98	58.75	54	74	-8.02	-15.25	Vertical
2500.000	45.52	52.39	-7.40	38.12	44.99	54	74	-15.88	-29.01	Vertical
2483.500	34.25	45.31	-7.37	26.88	37.94	54	74	-27.12	-36.06	Horizontal
2487.116	31.75	46.32	-7.38	24.37	38.94	54	74	-29.63	-35.06	Horizontal
2500.000	32.64	46.87	-7.40	25.24	39.47	54	74	-28.76	-34.53	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.


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #918

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

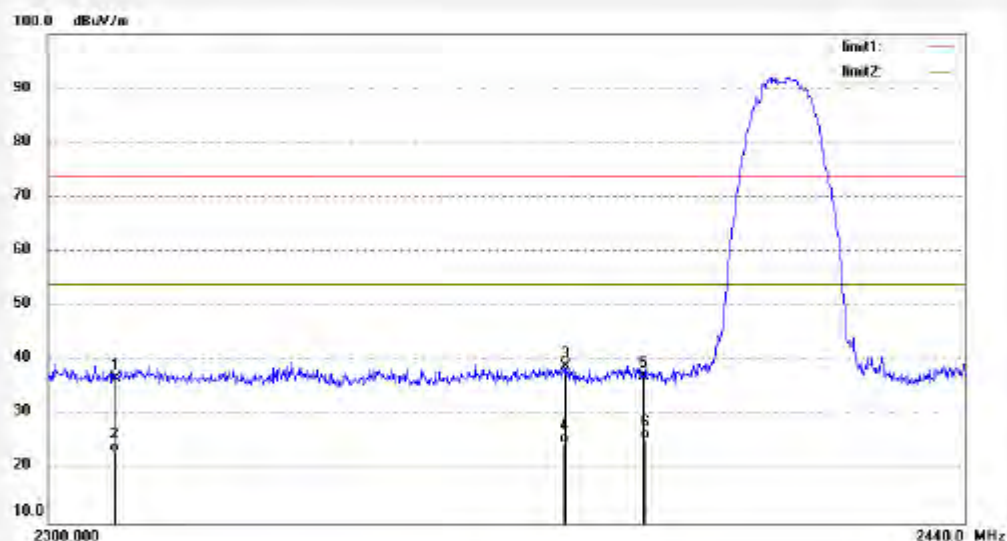
Date: 12/05/12/

Time: 9/03/12

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	44.37	-7.81	36.56	74.00	-37.44	peak			
2	2310.000	31.02	-7.81	23.21	54.00	-30.79	AVG			
3	2377.819	46.51	-7.81	38.90	74.00	-35.10	peak			
4	2377.819	32.24	-7.81	24.63	54.00	-29.37	AVG			
5	2390.000	44.71	-7.53	37.18	74.00	-36.82	peak			
6	2390.000	32.90	-7.53	25.37	54.00	-28.63	AVG			



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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #917

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

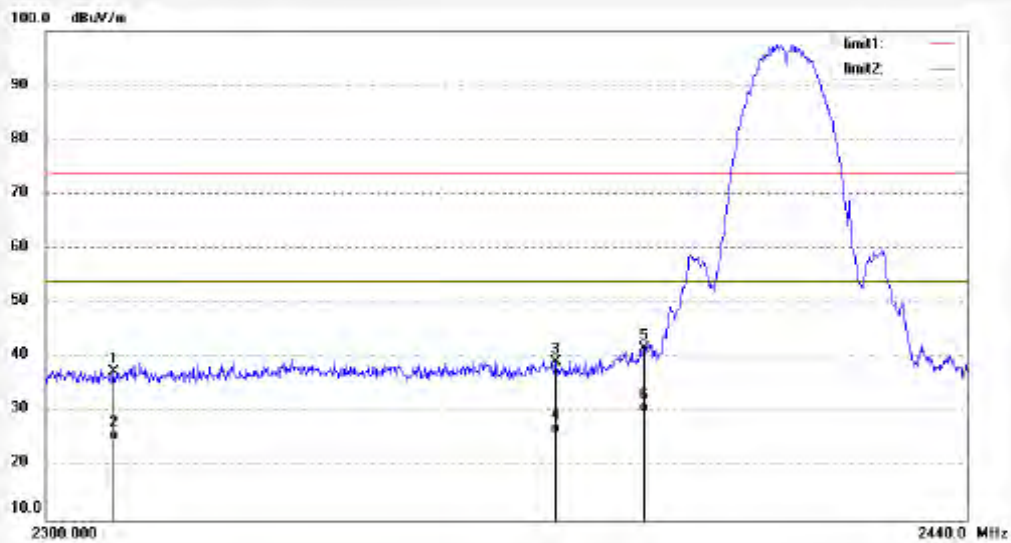
Date: 12/05/12/

Time: 9/07/37

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	45.23	-7.81	37.42	74.00	-36.58	peak			
2	2310.000	32.58	-7.81	24.77	54.00	-29.23	AVG			
3	2376.552	46.68	-7.61	39.07	74.00	-34.93	peak			
4	2376.552	33.59	-7.61	25.98	54.00	-28.02	AVG			
5	2390.000	49.13	-7.53	41.60	74.00	-32.40	peak			
6	2390.000	37.42	-7.53	29.89	54.00	-24.11	AVG			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #918

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

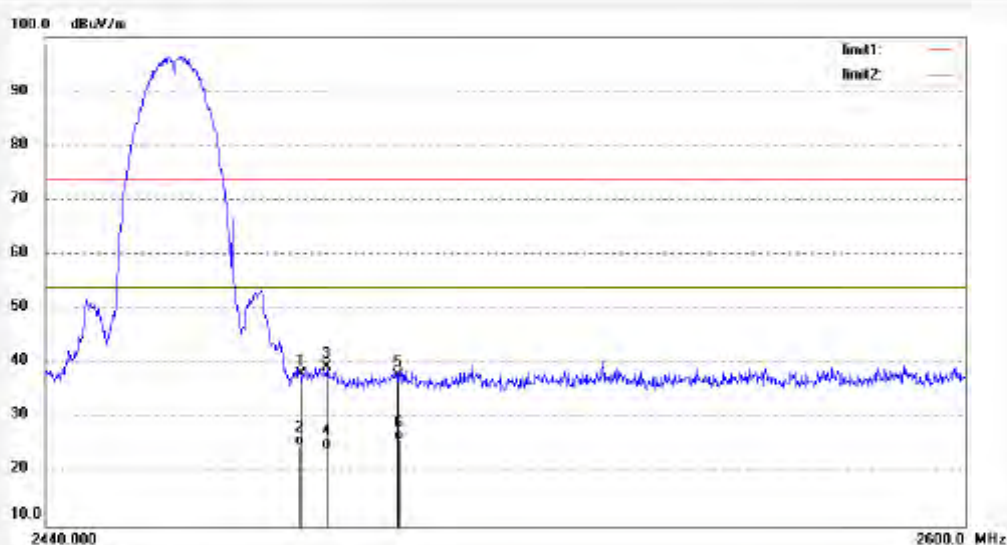
Date: 12/05/12/

Time: 9/11/10

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



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	45.29	-7.37	37.92	74.00	-36.08	peak			
2	2483.500	32.33	-7.37	24.96	54.00	-29.04	AVG			
3	2487.982	46.76	-7.38	39.38	74.00	-34.62	peak			
4	2487.982	31.68	-7.38	24.30	54.00	-29.70	AVG			
5	2500.000	45.20	-7.40	37.80	74.00	-36.20	peak			
6	2500.000	33.25	-7.40	25.85	54.00	-28.15	AVG			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #919

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

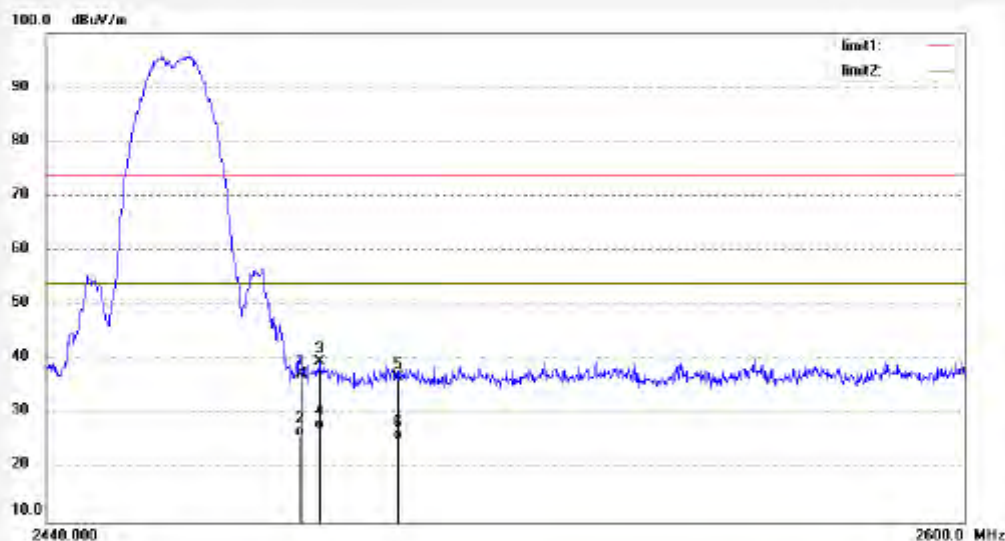
Date: 12/05/12/

Time: 9/16/29

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



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	44.81	-7.37	37.24	74.00	-36.76	peak			
2	2483.500	33.23	-7.37	25.86	54.00	-28.14	AVG			
3	2486.558	47.02	-7.38	39.64	74.00	-34.36	peak			
4	2486.558	34.58	-7.38	27.20	54.00	-26.80	AVG			
5	2500.000	44.10	-7.40	36.70	74.00	-37.30	peak			
6	2500.000	32.58	-7.40	25.18	54.00	-28.82	AVG			


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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: star #922

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

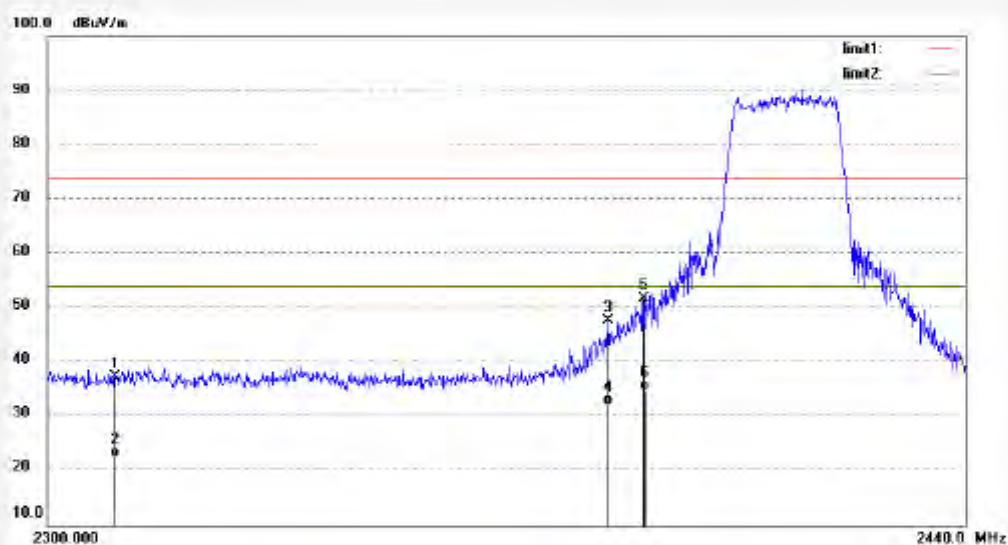
Date: 12/05/12/

Time: 9/27/21

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	45.16	-7.81	37.35	74.00	-36.65	peak			
2	2310.000	30.20	-7.81	22.39	54.00	-31.61	AVG			
3	2384.588	55.16	-7.56	47.60	74.00	-26.40	peak			
4	2384.588	39.65	-7.56	32.09	54.00	-21.91	AVG			
5	2390.000	59.34	-7.53	51.81	74.00	-22.19	peak			
6	2390.000	42.36	-7.53	34.83	54.00	-19.17	AVG			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #923

Polarization: Vertical

Standard: FCC 15C PK

Power Source: DC 3.7V

Test item: Radiation Test

Date: 12/05/12/

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 9/31/42

EUT: Creative HanZpad

Engineer Signature: Star

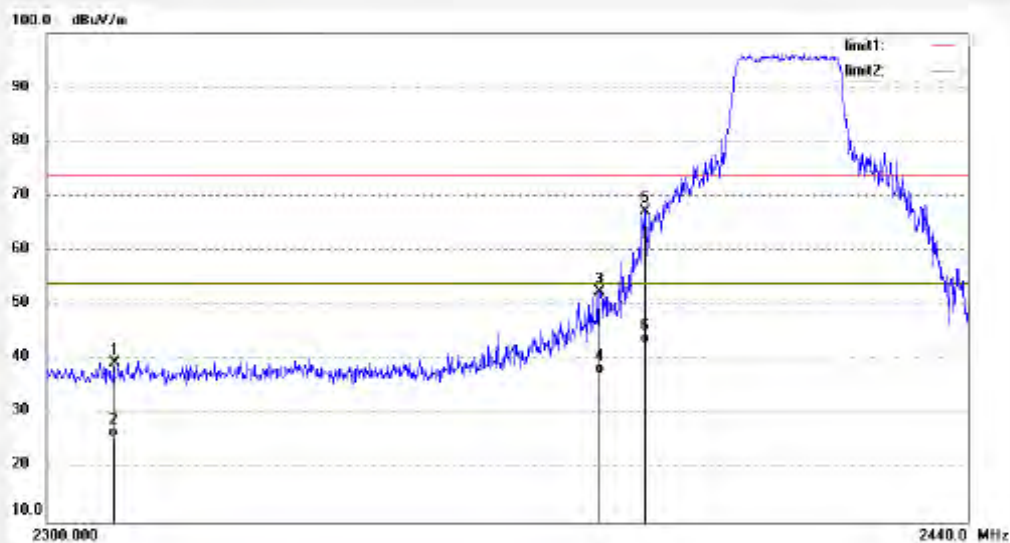
Mode: TX Channel 1(802.11g)

Distance: 3m

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	47.11	-7.81	39.30	74.00	-34.70	peak			
2	2310.000	33.48	-7.81	25.67	54.00	-28.33	AVG			
3	2383.034	59.98	-7.57	52.39	74.00	-21.61	peak			
4	2383.034	44.98	-7.57	37.39	54.00	-16.61	AVG			
5	2390.000	74.81	-7.53	67.28	74.00	-6.72	peak			
6	2390.000	50.43	-7.53	42.90	54.00	-11.10	AVG			


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Site: 966 chamber

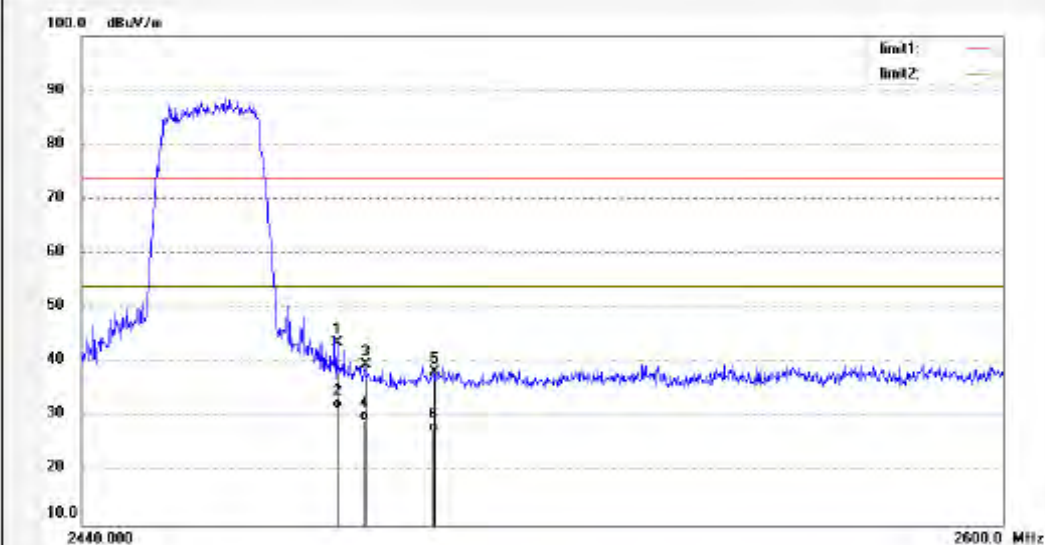
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: star #921
 Standard: FCC 15C PK
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 25 C / 51 %
 EUT: Creative HanZpad
 Mode: TX Channel 11(802.11g)
 Model: PMT-ZZ0030
 Manufacturer: Creative Technology Ltd

 Polarization: Horizontal
 Power Source: DC 3.7V
 Date: 12/05/12/
 Time: 9/23/41
 Engineer Signature: Star
 Distance: 3m

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.395	50.96	-7.37	43.59	74.00	-30.41	peak			
2	2483.395	38.96	-7.37	31.59	54.00	-22.41	AVG			
3	2488.141	46.97	-7.38	39.59	74.00	-34.41	peak			
4	2488.141	36.88	-7.38	29.30	54.00	-24.70	AVG			
5	2500.000	45.54	-7.40	38.14	74.00	-35.86	peak			
6	2500.000	34.50	-7.40	27.10	54.00	-26.90	AVG			


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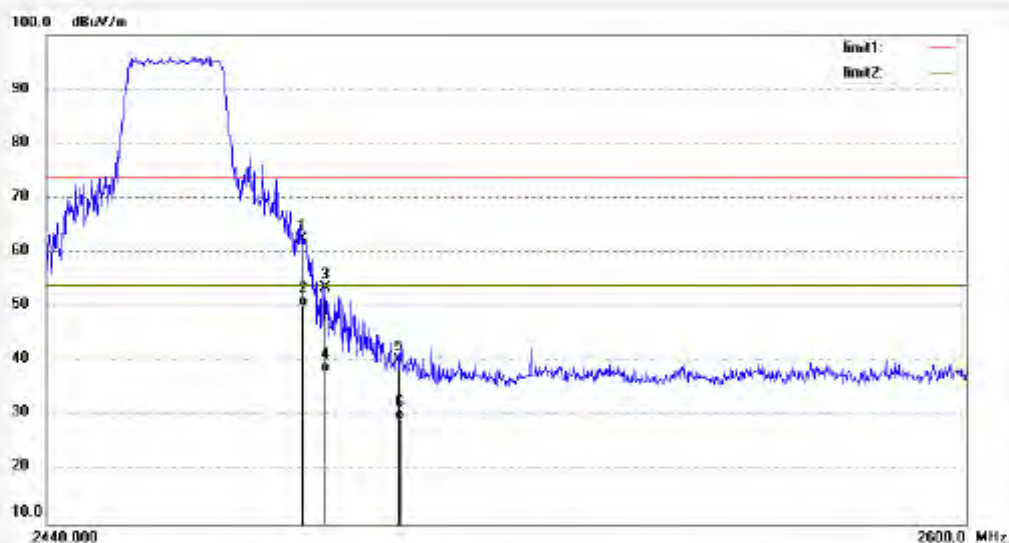
 F1,Bldg.A,Changyuan New Material Port Keyuan Rd.
 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

 Job No.: star #920
 Standard: FCC 15C PK
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 25 C / 51 %
 EUT: Creative HanZpad
 Mode: TX Channel 11(802.11g)
 Model: PMT-ZZ0030
 Manufacturer: Creative Technology Ltd

 Polarization: Vertical
 Power Source: DC 3.7V
 Date: 12/05/12/
 Time: 9/20/13
 Engineer Signature: Star
 Distance: 3m

Note: Report No.:ATE20120872



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	69.97	-7.37	62.60	74.00	-11.40	peak			
2	2483.500	57.57	-7.37	50.20	54.00	-3.80	AVG			
3	2487.507	60.86	-7.38	53.48	74.00	-20.52	peak			
4	2487.507	45.36	-7.38	37.98	54.00	-16.02	AVG			
5	2500.000	47.63	-7.40	40.23	74.00	-33.77	peak			
6	2500.000	36.55	-7.40	29.15	54.00	-24.85	AVG			


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Site: 966 chamber

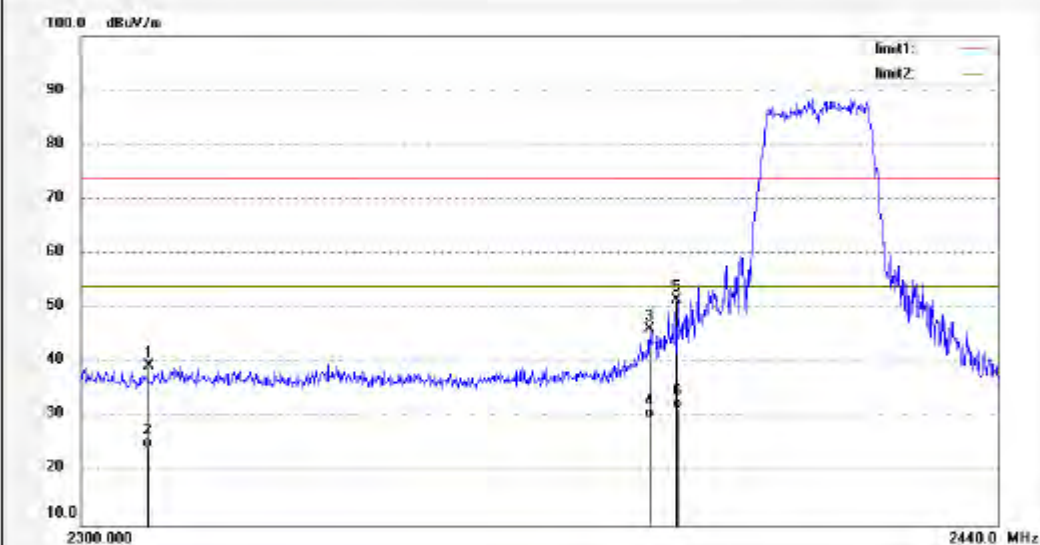
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: star #025
 Standard: FCC 15C PK
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 25 C / 51 %
 EUT: Creative HanZpad
 Mode: TX Channel 1(802.11n)
 Model: PMT-ZZ0030
 Manufacturer: Creative Technology Ltd

 Polarization: Horizontal
 Power Source: DC 3.7V
 Date: 12/05/12/
 Time: 9/40/12
 Engineer Signature: Star
 Distance: 3m

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	47.07	-7.81	39.26	74.00	-34.74	peak			
2	2310.000	32.20	-7.81	24.39	54.00	-29.61	AVG			
3	2385.857	53.69	-7.56	46.13	74.00	-27.87	peak			
4	2385.857	37.21	-7.56	29.65	54.00	-24.35	AVG			
5	2390.000	59.15	-7.53	51.62	74.00	-22.38	peak			
6	2390.000	39.11	-7.53	31.58	54.00	-22.42	AVG			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #924

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11n)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

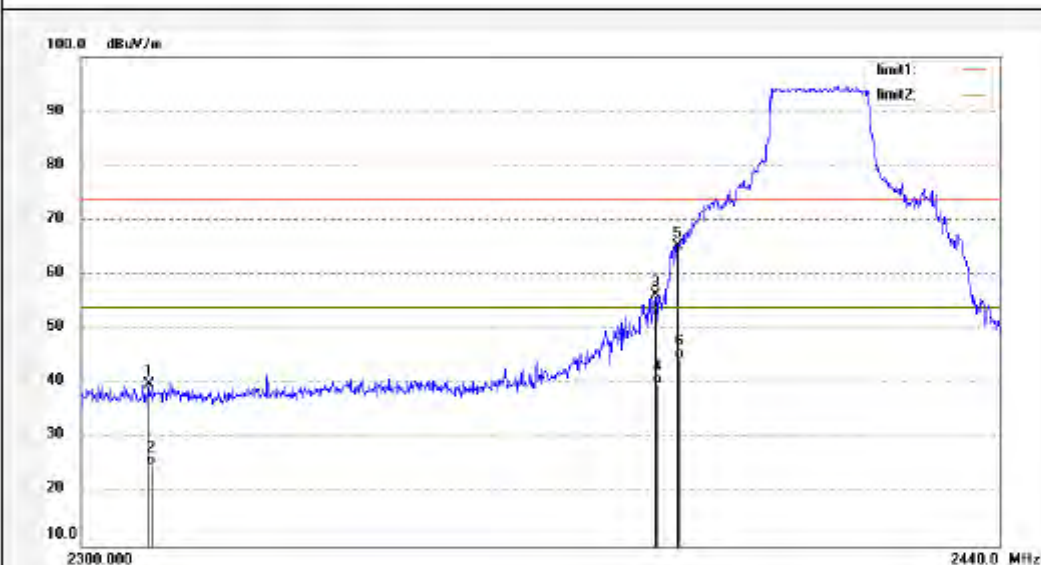
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Time: 9/36/49

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	47.52	-7.81	39.71	74.00	-34.29	peak			
2	2310.000	32.88	-7.81	24.87	54.00	-29.13	AVG			
3	2386.700	83.70	-7.54	56.16	74.00	-17.84	peak			
4	2386.700	47.32	-7.54	39.78	54.00	-14.22	AVG			
5	2390.000	72.88	-7.53	65.35	74.00	-8.65	peak			
6	2390.000	52.02	-7.53	44.49	54.00	-9.51	AVG			


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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #928

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11n)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

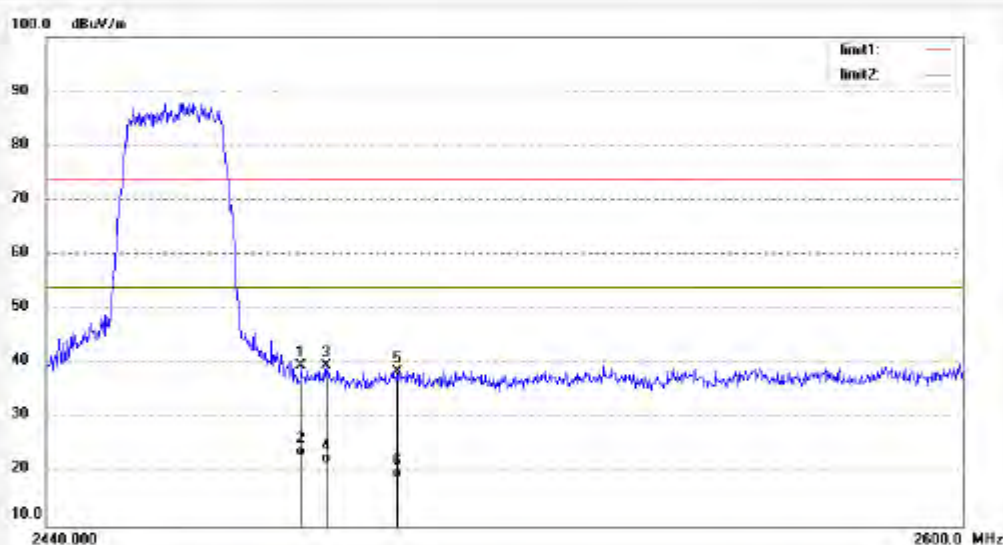
Date: 12/05/12/

Time: 9/44/05

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



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	47.00	-7.37	39.63	74.00	-34.37	peak			
2	2483.500	30.20	-7.37	22.83	54.00	-31.17	AVG			
3	2487.824	47.07	-7.38	39.69	74.00	-34.31	peak			
4	2487.824	28.90	-7.38	21.52	54.00	-32.48	AVG			
5	2500.000	45.85	-7.40	38.45	74.00	-35.55	peak			
6	2500.000	26.36	-7.40	18.96	54.00	-35.04	AVG			


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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #927

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11n)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

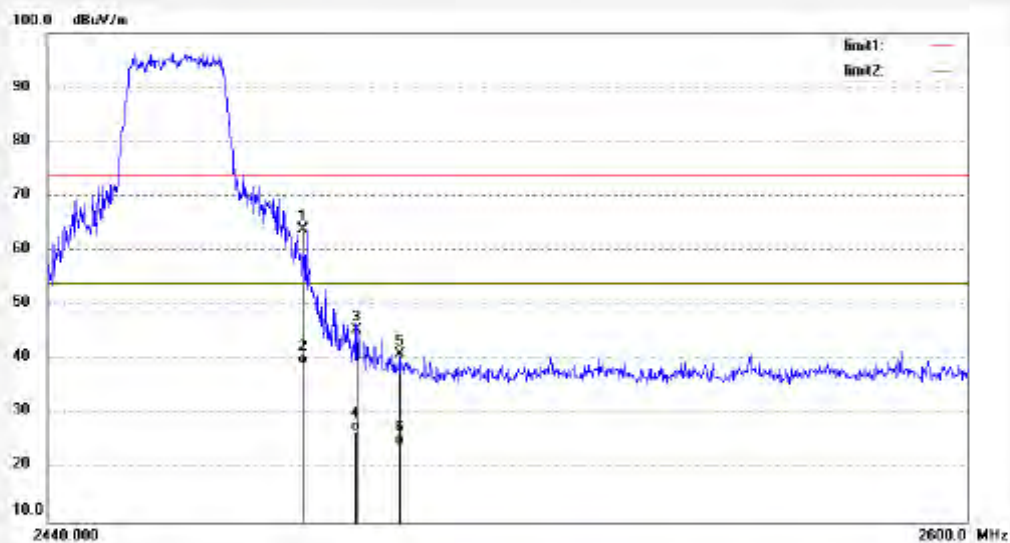
Date: 12/05/12/

Time: 9/48/14

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



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	71.24	-7.37	63.87	74.00	-10.13	peak			
2	2483.500	46.57	-7.37	39.20	54.00	-14.80	AVG			
3	2492.737	52.75	-7.39	45.36	74.00	-28.64	peak			
4	2492.737	34.23	-7.39	26.84	54.00	-27.16	AVG			
5	2500.000	48.26	-7.40	40.86	74.00	-33.14	peak			
6	2500.000	31.79	-7.40	24.39	54.00	-29.61	AVG			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #981

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Creative HanZpad

Mode: TX Channel 3(802.11n)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

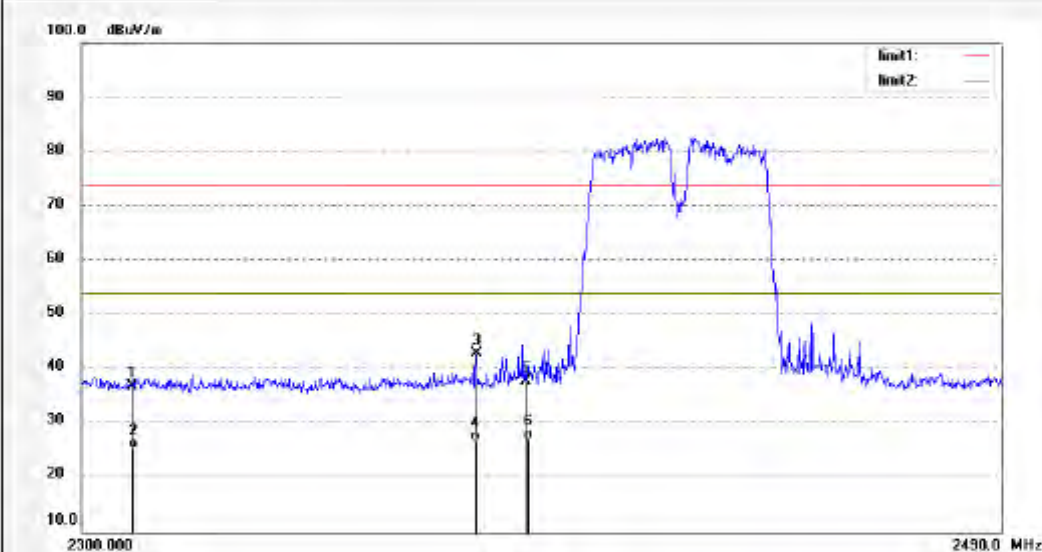
Date: 2012/05/14

Time: 11:58:03

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	44.72	-7.81	36.91	74.00	-37.09	peak			
2	2310.000	33.24	-7.81	25.43	54.00	-28.57	AVG			
3	2379.640	50.57	-7.59	42.98	74.00	-31.02	peak			
4	2379.640	34.25	-7.59	26.66	54.00	-27.34	AVG			
5	2390.000	45.39	-7.53	37.86	74.00	-36.14	peak			
6	2390.000	34.68	-7.53	27.15	54.00	-26.85	AVG			


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

Site: 966 chamber

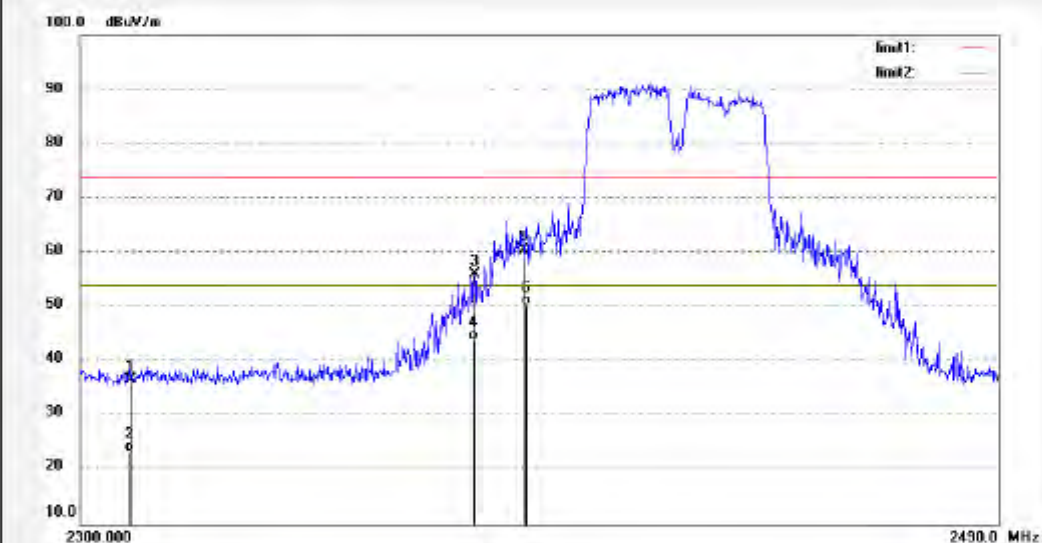
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: star #980
 Standard: FCC 15C PK
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 24 C / 48 %
 EUT: Creative HanZpad
 Mode: TX Channel 3(802.11n)
 Model: PMT-ZZ0030
 Manufacturer: Creative Technology Ltd

 Polarization: Vertical
 Power Source: DC 3.7V
 Date: 2012/05/14
 Time: 11:52:02
 Engineer Signature: Star
 Distance: 3m

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	44.43	-7.81	36.62	74.00	-37.38	peak			
2	2310.000	31.28	-7.81	23.47	54.00	-30.53	AVG			
3	2379.640	63.50	-7.59	55.91	74.00	-18.09	peak			
4	2379.640	51.56	-7.59	43.97	54.00	-10.03	AVG			
5	2390.000	67.94	-7.53	60.41	74.00	-13.59	peak			
6	2390.000	58.03	-7.53	50.50	54.00	-3.50	AVG			


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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #982

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Creative HanZpad

Mode: TX Channel 9(802.11n)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

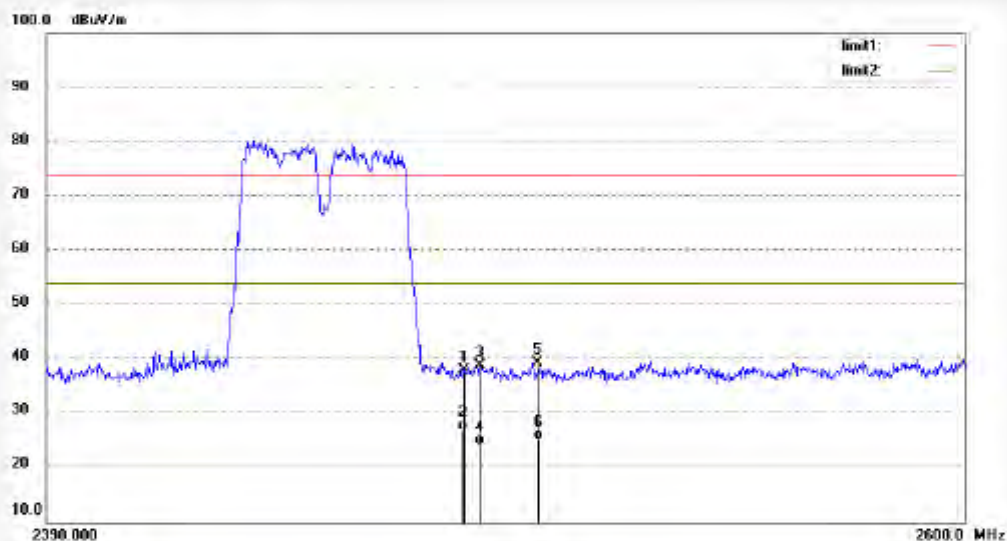
Date: 2012/05/14

Time: 12:02:02

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872



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	45.31	-7.37	37.94	74.00	-36.06	peak			
2	2483.500	34.25	-7.37	26.88	54.00	-27.12	AVG			
3	2487.116	46.32	-7.38	38.94	74.00	-35.06	peak			
4	2487.116	31.75	-7.38	24.37	54.00	-29.63	AVG			
5	2500.000	46.87	-7.40	39.47	74.00	-34.53	peak			
6	2500.000	32.64	-7.40	25.24	54.00	-28.76	AVG			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #983

Standard: FCC 15C PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Creative HanZpad

Mode: TX Channel 9(802.11n)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

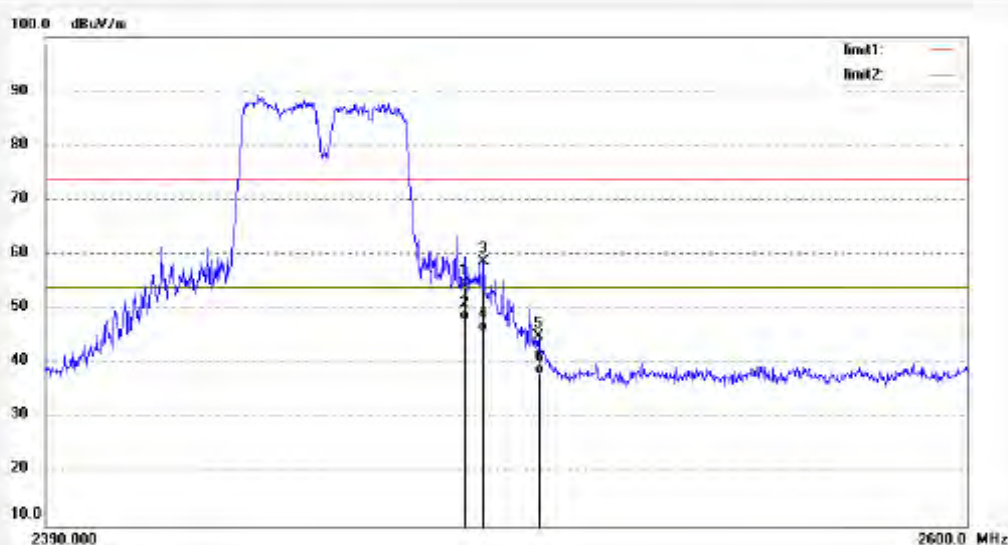
Date: 2012/05/14

Time: 12:06:30

Engineer Signature: Star

Distance: 3m

Note: Report No.:ATE20120872

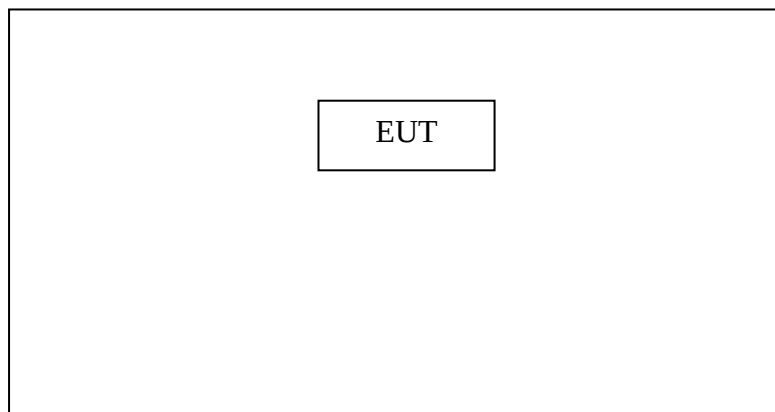


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	62.02	-7.37	54.65	74.00	-19.35	peak			
2	2483.500	55.23	-7.37	47.86	54.00	-6.14	AVG			
3	2487.746	66.13	-7.38	58.75	74.00	-15.25	peak			
4	2487.746	53.36	-7.38	45.98	54.00	-8.02	AVG			
5	2500.000	52.39	-7.40	44.99	74.00	-29.01	peak			
6	2500.000	45.52	-7.40	38.12	54.00	-15.88	AVG			

9. RADIATED SPURIOUS EMISSION TEST

9.1. Block Diagram of Test Setup

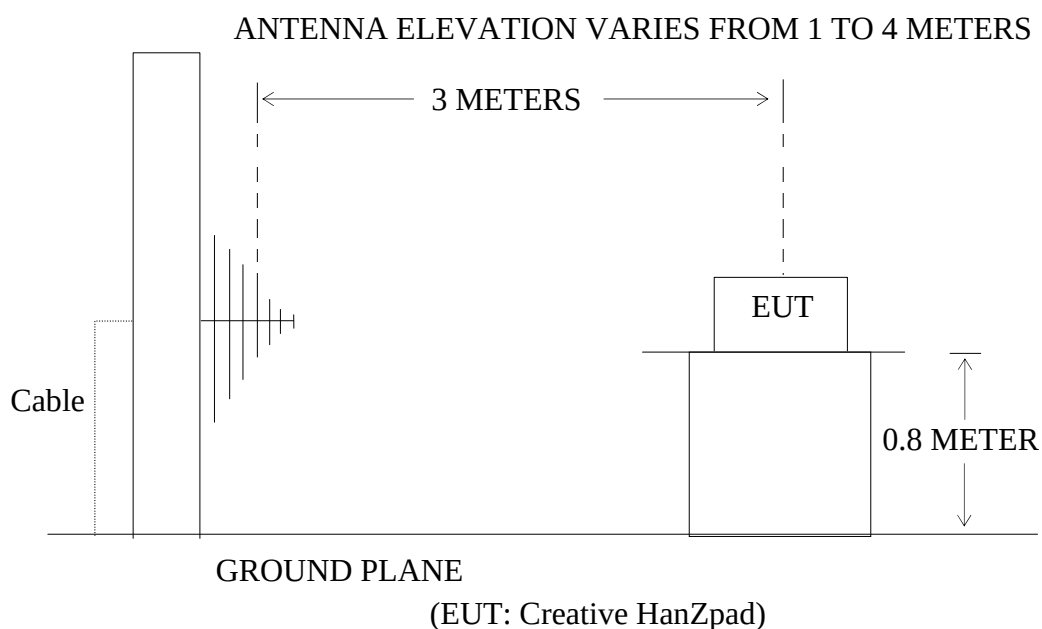
9.1.1. Block diagram of connection between the EUT and peripherals



Setup: Transmitting mode

(EUT: Creative HanZpad)

9.1.2. Semi-Anechoic Chamber Test Setup Diagram



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.Creative HanZpad (EUT)

Model Number : PMT-ZZ0030
 Serial Number : N/A
 Manufacturer : Creative Technology 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 9kHz in below 30MHz. and set at 120kHz in 30-1000MHz, and 1MHz in above 1000MHz.

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

The final measurement in band 9-90kHz, 110-490kHz 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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Pei

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	
213.000	16.06	16.48	32.54	43.50	-10.96	Vertical
533.3000	16.89	24.47	41.36	46.00	-4.64	Vertical
740.0000	12.47	27.51	39.98	46.00	-6.02	Vertical
213.0340	21.66	16.46	38.12	43.50	-5.38	Horizontal
350.9721	13.16	20.85	34.01	46.00	-11.99	Horizontal
740.0000	10.21	27.51	37.72	46.00	-8.28	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11b Channel Middle 2437MHz	Test Engineer:	Pei

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	
213.3000	16.01	16.48	32.49	43.50	-11.01	Vertical
533.3000	16.68	24.47	41.15	46.00	-4.85	Vertical
740.0000	11.55	27.51	39.06	46.00	-6.94	Vertical
213.3000	21.48	16.47	37.95	43.50	-5.55	Horizontal
351.0000	13.46	20.85	34.31	46.00	-11.69	Horizontal
740.0000	11.23	27.51	38.74	46.00	-7.26	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Pei

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	
213.3000	16.25	16.48	32.73	43.50	-10.77	Vertical
533.3000	16.51	24.47	40.98	46.00	-5.02	Vertical
740.0000	11.26	27.51	38.77	46.00	-7.23	Vertical
213.3000	20.07	16.47	36.54	43.50	-6.96	Horizontal
533.3000	11.97	24.47	36.44	46.00	-9.56	Horizontal
740.0000	10.35	27.51	37.86	46.00	-8.14	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Pei

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	
213.3000	15.90	16.48	32.38	43.50	-11.12	Vertical
533.3000	16.64	24.47	41.11	46.00	-4.89	Vertical
740.0000	11.52	27.51	39.03	46.00	-6.97	Vertical
213.3000	21.75	16.47	38.22	43.50	-5.28	Horizontal
533.3000	10.92	24.47	35.39	46.00	-10.61	Horizontal
740.0000	11.01	27.51	38.52	46.00	-7.48	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11g Channel Middle 2437MHz	Test Engineer:	Pei

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	
213.3000	15.68	16.48	32.16	43.50	-11.34	Vertical
533.3000	17.76	24.47	42.23	46.00	-3.77	Vertical
740.0000	10.91	27.51	38.42	46.00	-7.58	Vertical
213.3000	21.88	16.47	38.35	43.50	-5.15	Horizontal
433.3000	10.19	22.95	33.14	46.00	-12.86	Horizontal
740.0000	12.09	27.51	39.60	46.00	-6.40	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Pei

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	
213.3000	16.68	16.48	33.16	43.50	-10.34	Vertical
533.2000	16.93	24.46	41.39	46.00	-4.61	Vertical
912.6952	10.54	28.87	39.41	46.00	-6.59	Vertical
213.3000	21.77	16.47	38.24	43.50	-5.26	Horizontal
533.3000	11.62	24.47	36.09	46.00	-9.91	Horizontal
740.0000	10.76	27.51	38.27	46.00	-7.73	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel Low 2412MHz (20MHz)	Test Engineer:	Pei

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	
213.3000	16.24	16.48	32.72	43.50	-10.78	Vertical
533.3000	16.81	24.47	41.28	46.00	-4.72	Vertical
912.6953	11.06	28.87	39.93	46.00	-6.078	Vertical
213.3000	21.80	16.47	38.27	43.50	-5.23	Horizontal
350.9721	12.95	20.85	33.80	46.00	-12.20	Horizontal
740.0000	11.58	27.51	39.09	46.00	-6.91	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel Middle 2437MHz (20MHz)	Test Engineer:	Pei

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	
213.3340	16.40	16.48	32.88	43.50	-10.62	Vertical
533.3201	16.48	24.47	40.95	46.00	-5.05	Vertical
912.6952	11.44	28.87	40.31	46.00	-5.69	Vertical
213.3535	21.86	16.47	38.33	43.50	-5.17	Horizontal
350.9722	13.63	20.85	34.48	46.00	-11.52	Horizontal
740.0000	11.67	27.51	39.18	46.00	-6.82	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel High 2462MHz (20MHz)	Test Engineer:	Pei

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	
213.3000	17.30	16.48	33.78	43.50	-9.72	Vertical
533.3000	15.92	24.47	40.39	46.00	-5.61	Vertical
640.0000	14.40	26.08	40.48	46.00	-5.52	Vertical
213.3000	21.74	16.47	38.21	43.50	-5.29	Horizontal
433.3000	13.40	22.95	36.35	46.00	-9.65	Horizontal
740.0000	10.44	27.51	37.95	46.00	-8.05	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel Low 2422MHz (40MHz)	Test Engineer:	Pei

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	
213.3000	16.83	16.48	33.31	43.50	-10.19	Vertical
533.3000	16.49	24.47	40.96	46.00	-5.04	Vertical
640.0000	16.04	26.08	42.12	46.00	-3.88	Vertical
213.3000	23.19	16.47	39.66	43.50	-3.84	Horizontal
433.3000	16.81	22.95	39.76	46.00	-6.24	Horizontal
740.0000	13.20	27.51	40.71	46.00	-5.29	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel Middle 2437MHz (40MHz)	Test Engineer:	Pei

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	
213.3000	18.56	16.48	35.04	43.50	-8.46	Vertical
433.1000	14.98	22.95	37.93	46.00	-8.07	Vertical
533.3000	15.54	24.47	40.01	46.00	-5.99	Vertical
213.3000	24.01	16.47	40.48	43.50	-3.02	Horizontal
433.3000	16.57	22.95	39.52	46.00	-6.48	Horizontal
740.0000	13.75	27.51	41.26	46.00	-4.74	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 7-13, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel High 2452MHz (40MHz)	Test Engineer:	Pei

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	
213.3000	16.97	16.48	33.45	43.50	-10.05	Vertical
433.3000	15.21	22.95	38.16	46.00	-7.84	Vertical
533.0000	17.35	24.45	41.80	46.00	-4.20	Vertical
213.3535	20.30	16.47	36.77	43.50	-6.73	Horizontal
433.3100	17.25	22.95	40.20	46.00	-5.80	Horizontal
740.1000	13.62	13.62	41.13	46.00	-4.87	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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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 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #808

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

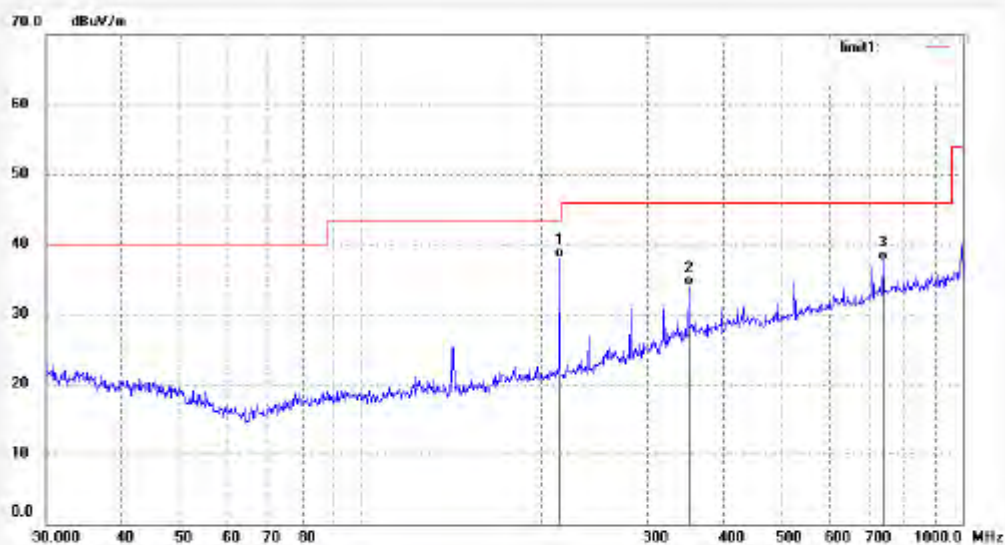
Date: 2012/05/09

Time: 21:50:48

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.0340	21.66	16.46	38.12	43.50	-5.38	QP			
2	350.9721	13.16	20.85	34.01	46.00	-11.99	QP			
3	740.0000	10.21	27.51	37.72	46.00	-8.28	QP			


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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #809

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

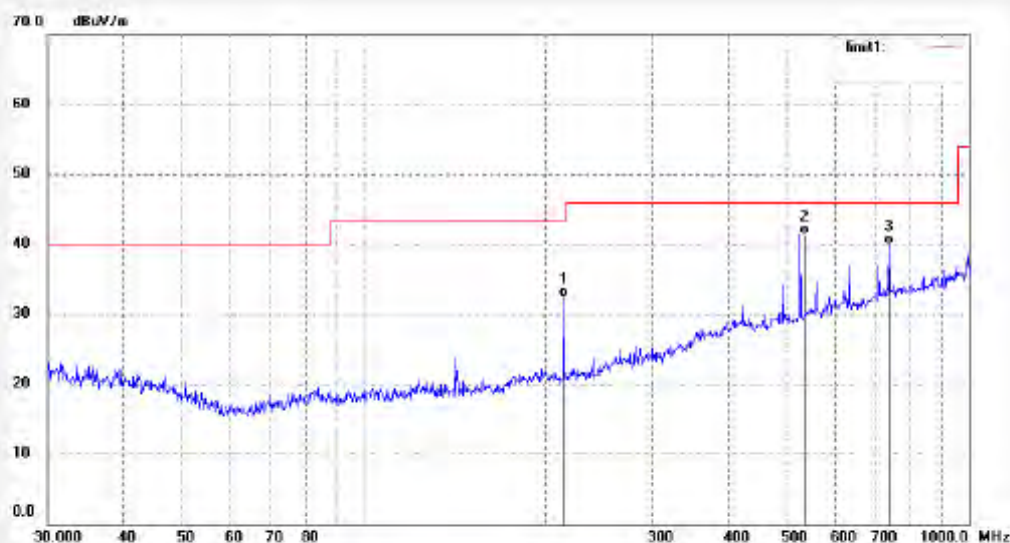
Date: 2012/05/09

Time: 21:53:42

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.06	16.48	32.54	43.50	-10.96	QP			
2	533.3000	16.89	24.47	41.36	48.00	-6.64	QP			
3	740.0000	12.47	27.51	39.98	48.00	-8.02	QP			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #850

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

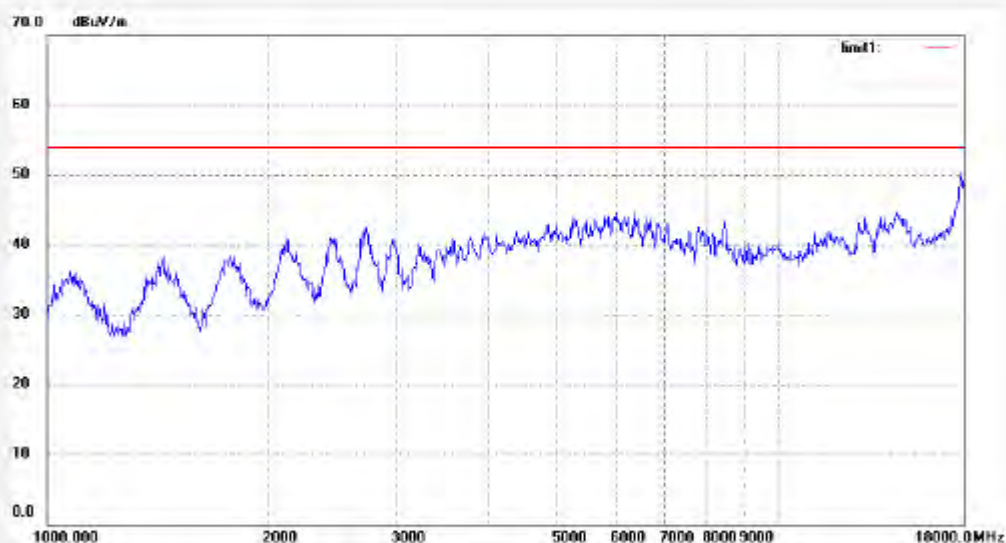
Date: 2012/05/10

Time: 18:04:54

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #851

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

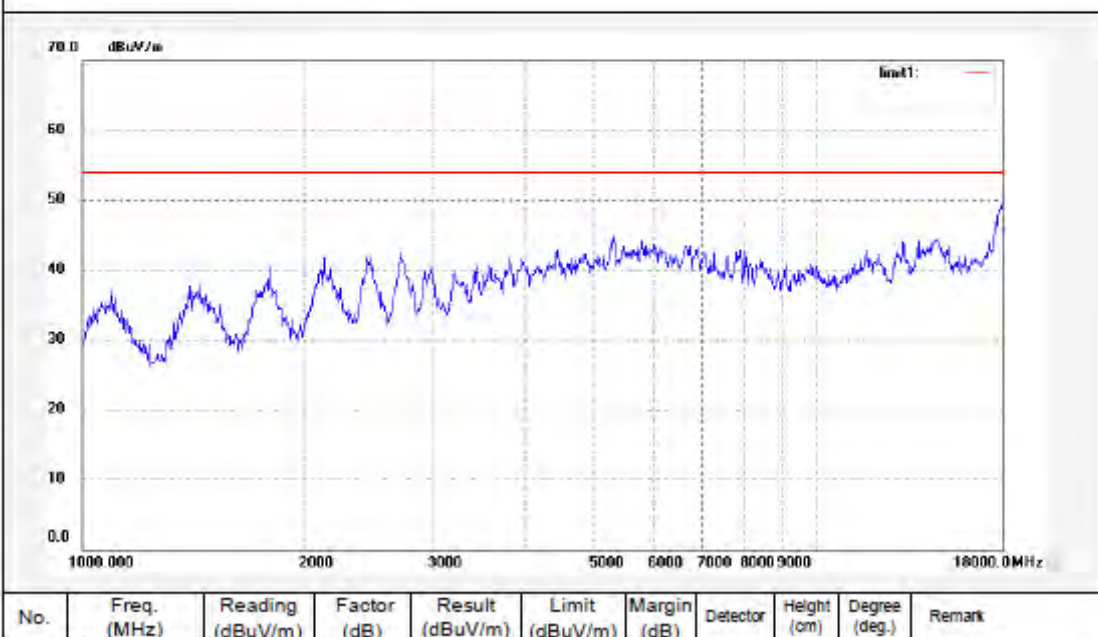
Date: 2012/05/10

Time: 18:08:47

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872




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

Site: 868 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #892

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/10

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 21:10:43

EUT: Creative HanZpad

Engineer Signature: Star

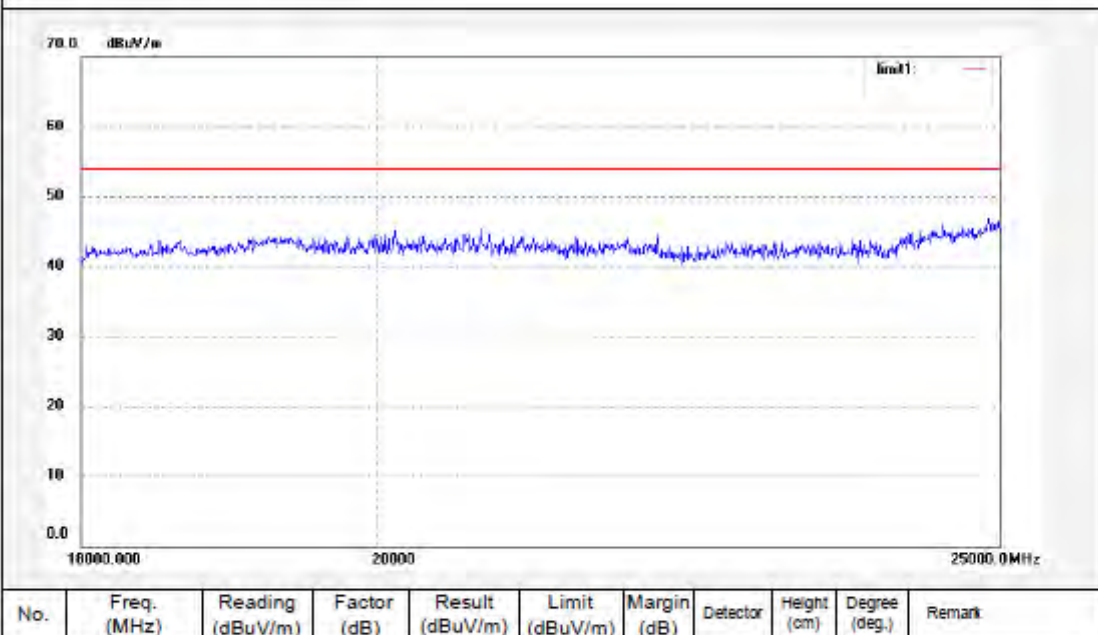
Mode: TX Channel 1(802.11b)

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872




ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #893

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/10

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 21:14:15

EUT: Creative HanZpad

Engineer Signature: Star

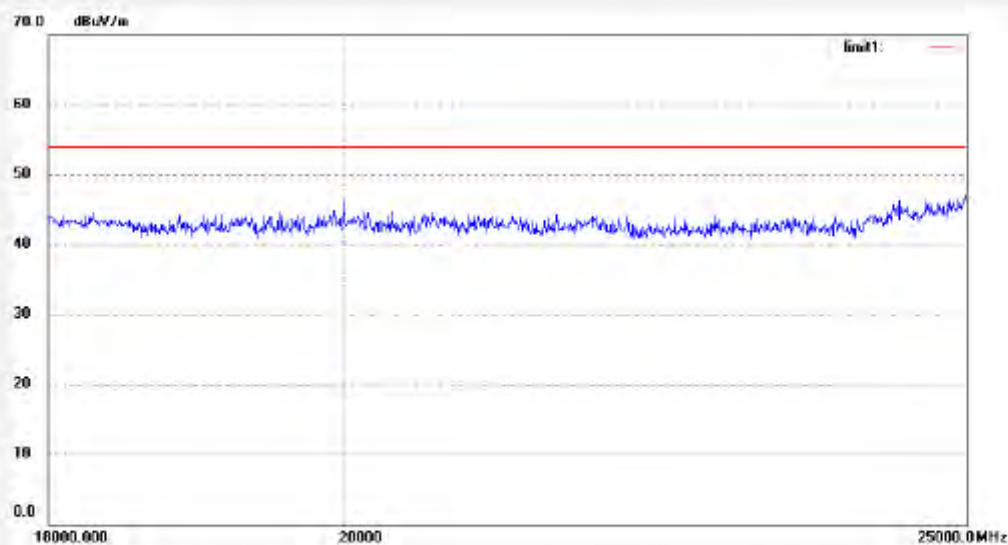
Mode: TX Channel 1(802.11b)

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: star #811

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

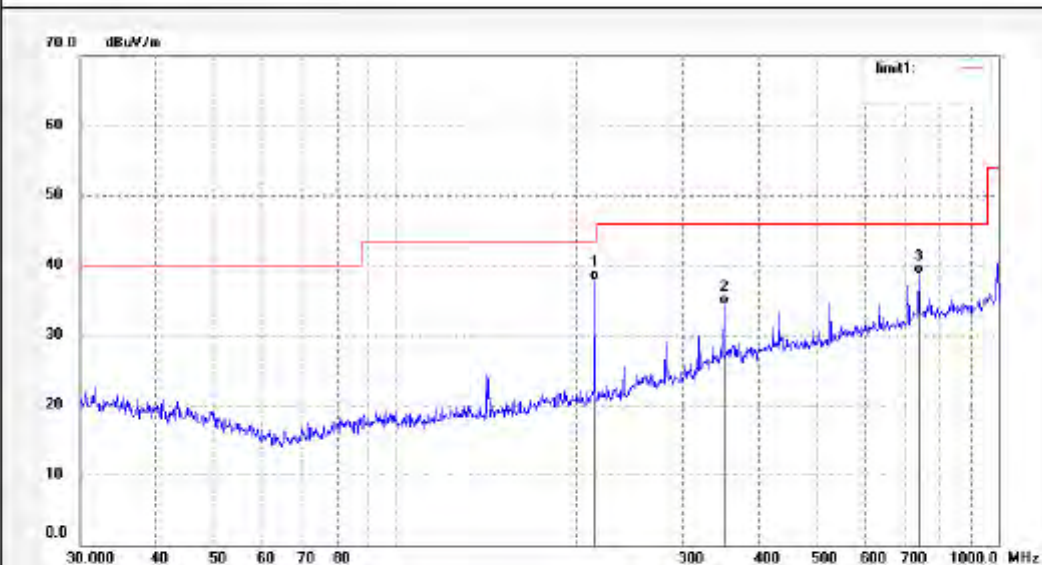
Date: 2012/05/09

Time: 22:01:22

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	21.48	16.47	37.95	43.50	-5.55	QP			
2	361.0000	13.46	20.85	34.31	46.00	-11.69	QP			
3	740.0000	11.23	27.51	38.74	46.00	-7.26	QP			


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

Site: 968 chamber

Tel:+86-0755-28503290

Fax:+86-0755-28503398

Job No.: star #810

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

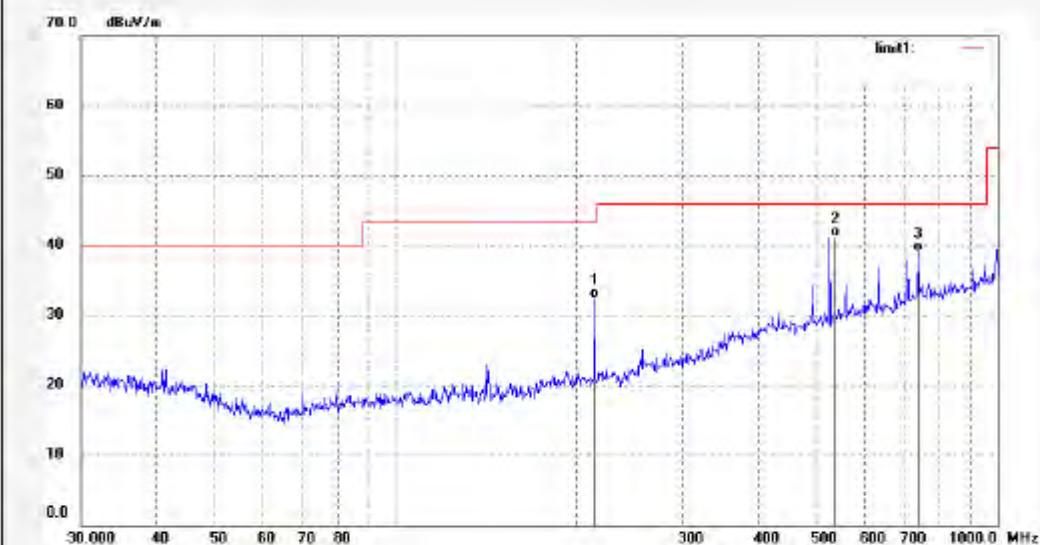
Date: 2012/05/09

Time: 21:57:25

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	18.01	16.48	32.49	43.50	-11.01	QP			
2	533.3000	18.68	24.47	41.15	46.00	-4.85	QP			
3	740.0000	11.55	27.51	39.06	46.00	-6.94	QP			


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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: star #853

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

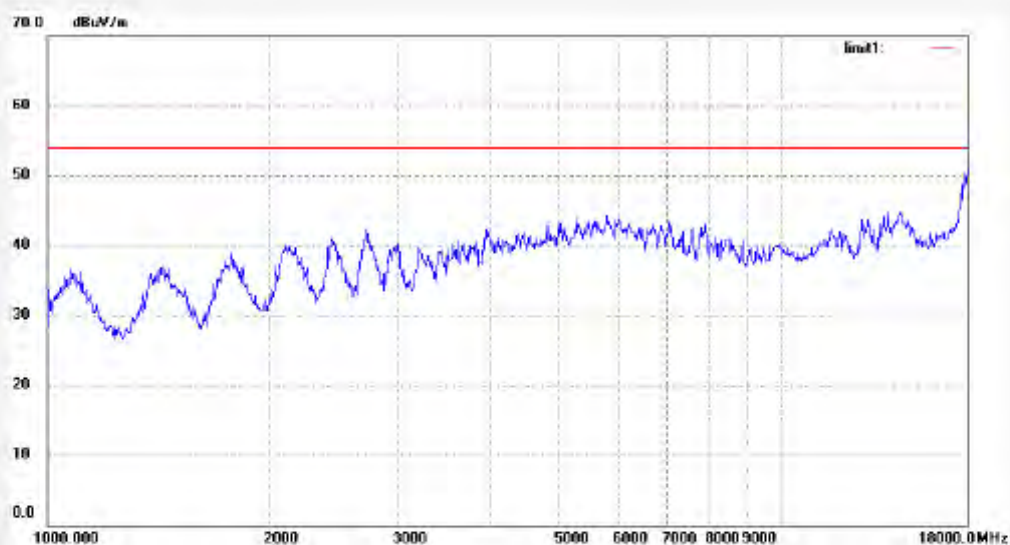
Date: 2012/05/10

Time: 18:18:19

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #852

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

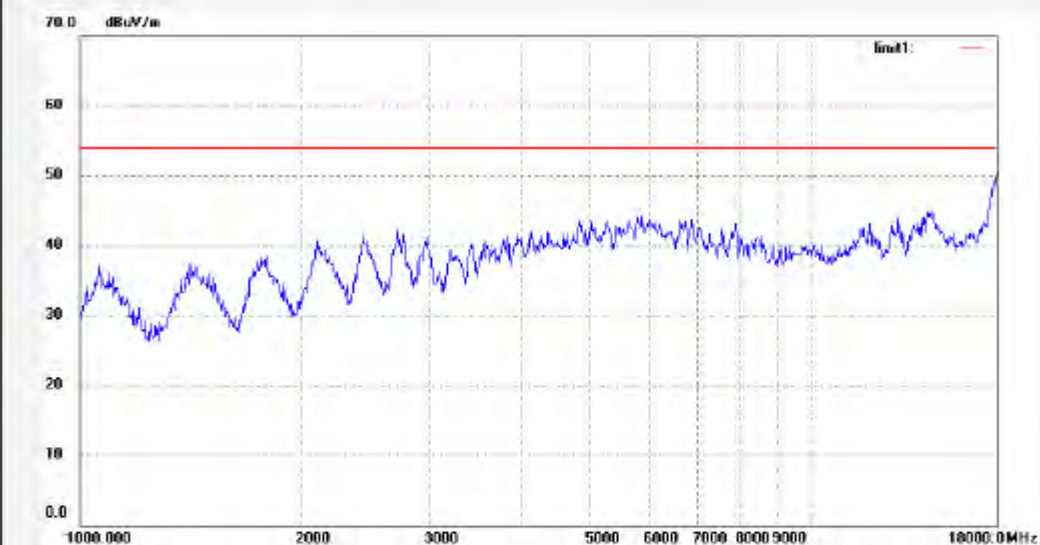
Date: 2012/05/10

Time: 18:13:18

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #895

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

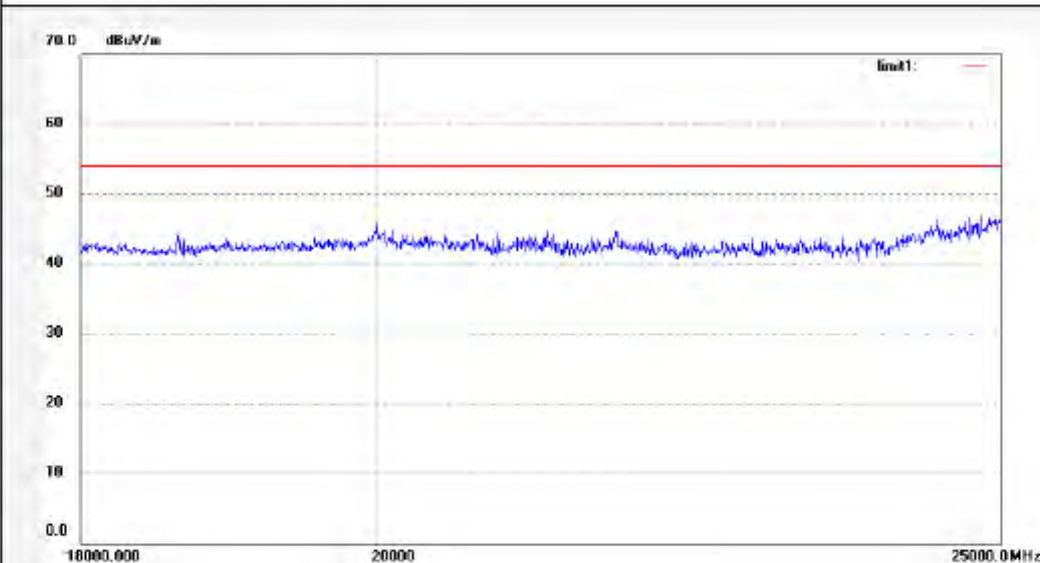
Date: 2012/05/10

Time: 21:22:50

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: star #894
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 25 C / 51 %
 EUT: Creative HanZpad
 Mode: TX Channel 8(802.11b)
 Model: PMT-ZZ0030
 Manufacturer: Creative Technology Ltd

 Polarization: Vertical
 Power Source: DC 3.7V
 Date: 2012/05/10
 Time: 21:18:34
 Engineer Signature: Star
 Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

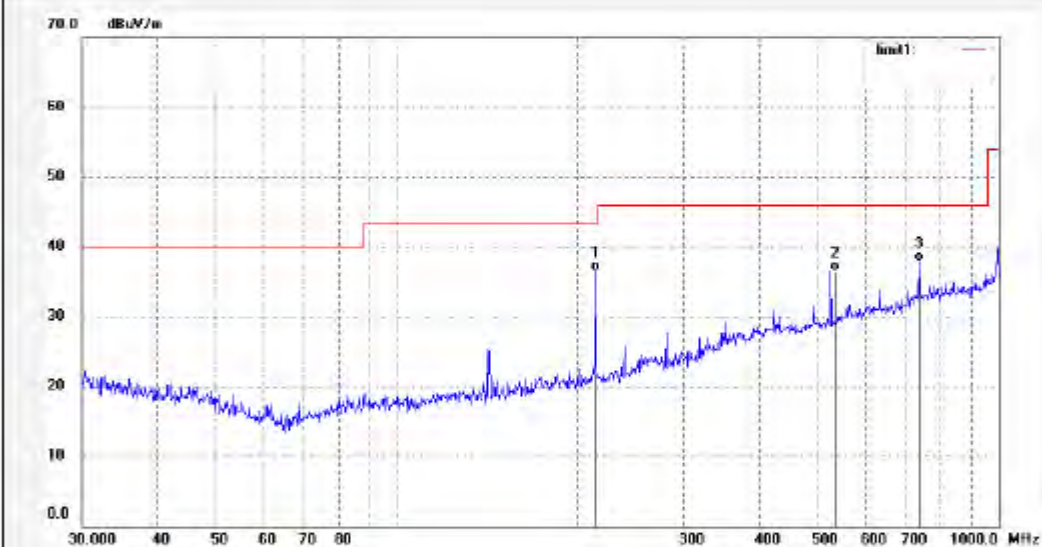
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: star #812
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 25 C / 51 %
 EUT: Creative HanZpad
 Mode: TX Channel 11(802.11b)
 Model: PMT-ZZ0030
 Manufacturer: Creative Technology Ltd

 Polarization: Horizontal
 Power Source: DC 3.7V
 Date: 2012/05/09
 Time: 22:05:02
 Engineer Signature: Star
 Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	20.07	16.47	36.54	43.50	-6.96	QP			
2	533.3000	11.97	24.47	36.44	46.00	-9.56	QP			
3	740.0000	10.35	27.51	37.86	46.00	-8.14	QP			


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

Site: 966 chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: star #813

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

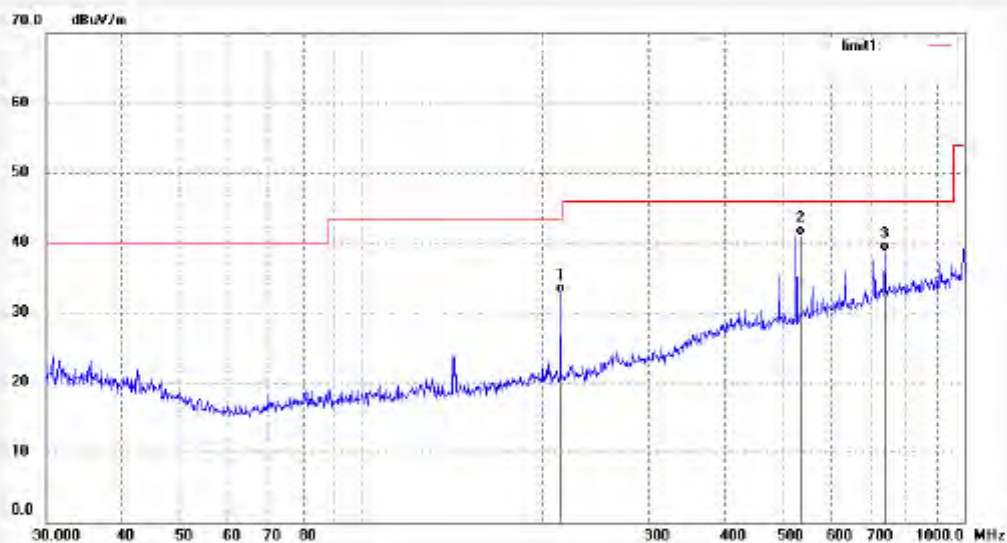
Date: 2012/05/09

Time: 22:09:56

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.25	16.48	32.73	43.50	-10.77	QP			
2	533.3000	16.51	24.47	40.98	46.00	-5.02	QP			
3	740.0000	11.26	27.51	38.77	46.00	-7.23	QP			


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

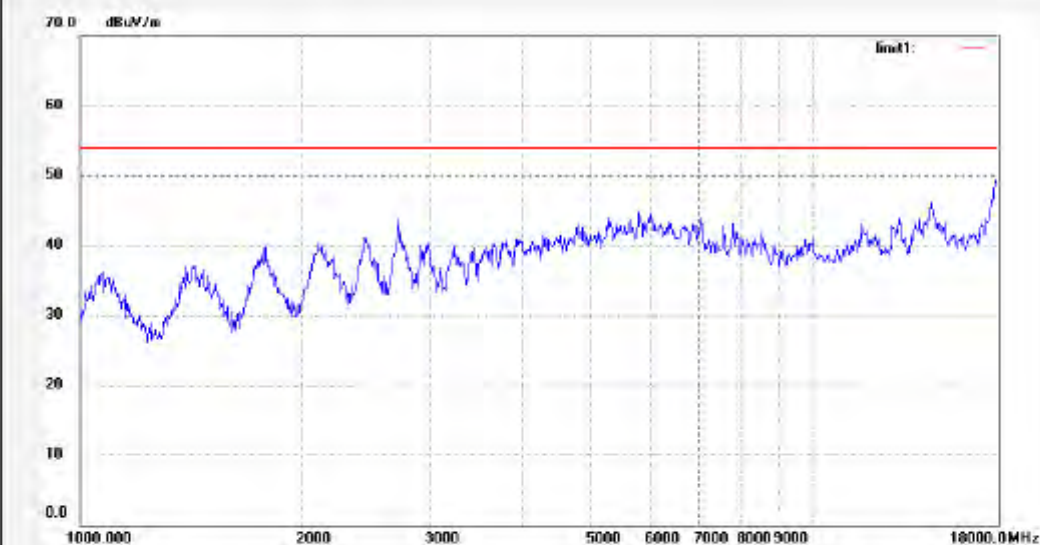
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #854	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2012/05/10
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 18:21:03
EUT: Creative HanZpad	Engineer Signature: Star
Mode: TX Channel 11(802.11b)	Distance:
Model: PMT-ZZ0030	
Manufacturer: Creative Technology Ltd	

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: star #855

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

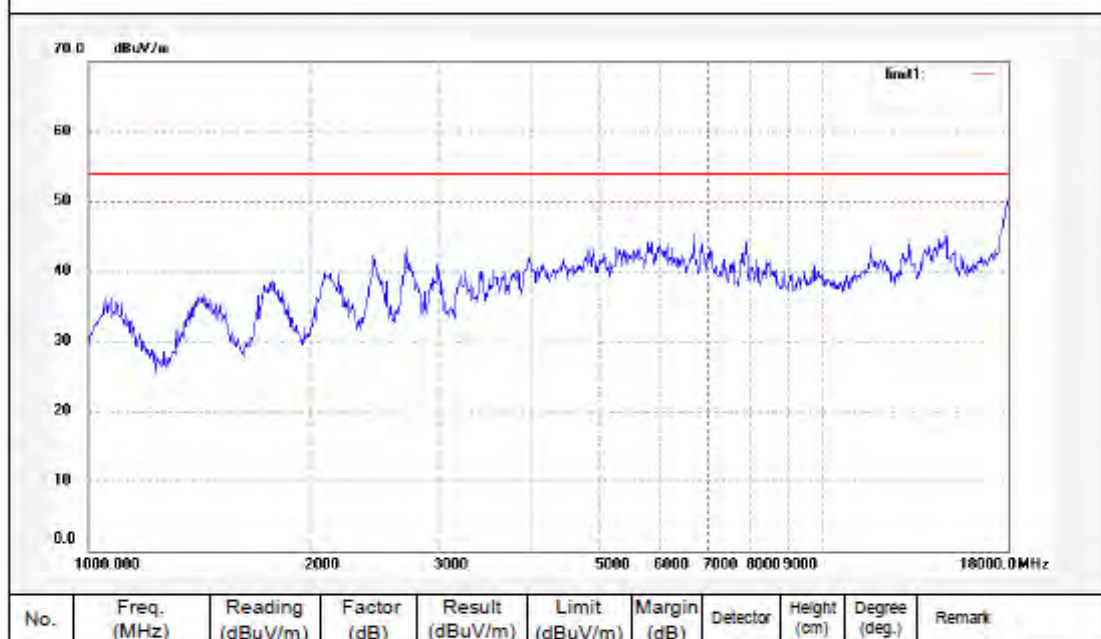
Date: 2012/05/10

Time: 18:25:39

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872




ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #896

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11b)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

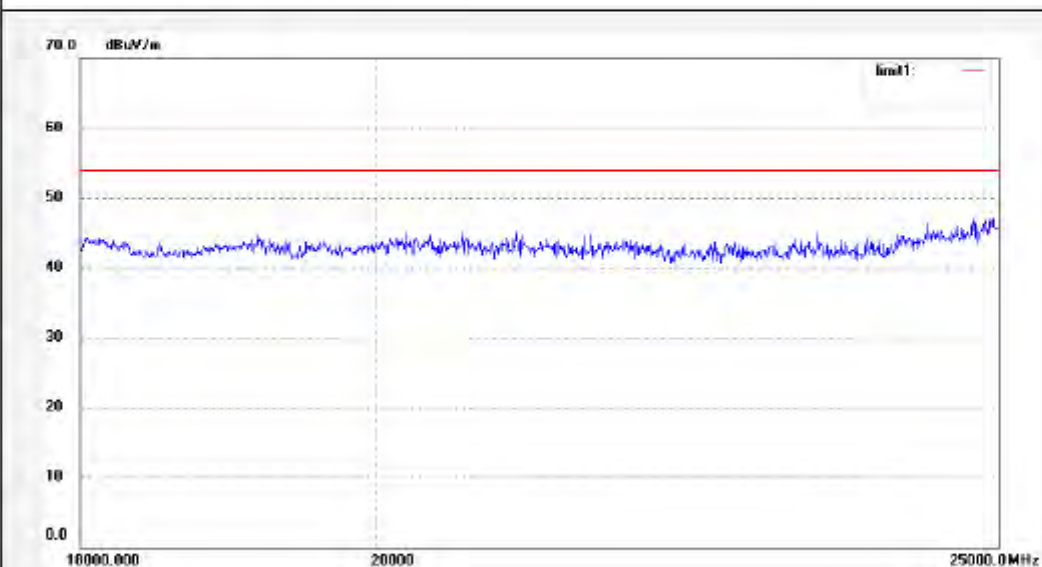
Date: 2012/05/10

Time: 21:26:04

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #897

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/10

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 21:30:22

EUT: Creative HanZpad

Engineer Signature: Star

Mode: TX Channel 11(802.11b)

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #815

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

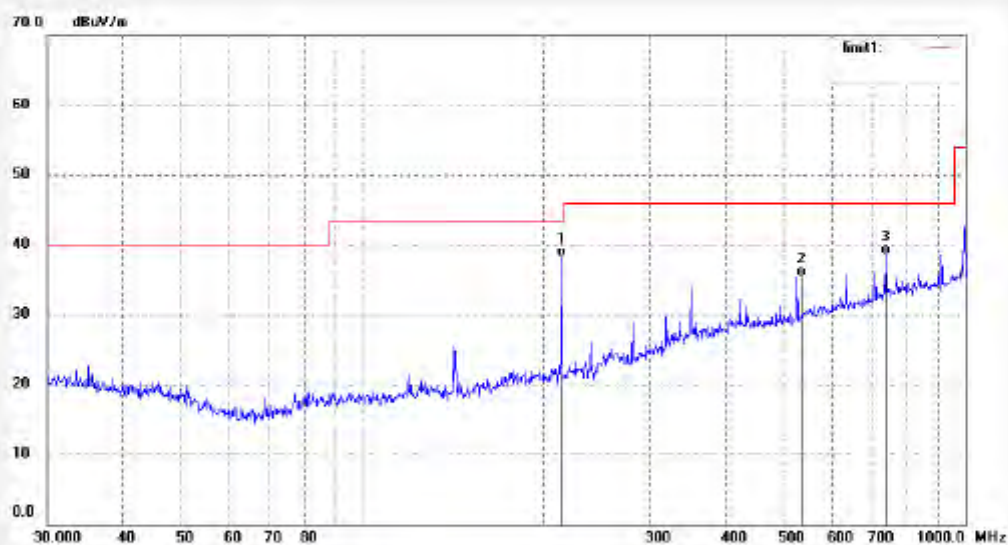
Date: 2012/05/09

Time: 22:20:07

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	21.75	16.47	38.22	43.50	-5.28	QP			
2	533.3000	10.92	24.47	35.39	46.00	-10.61	QP			
3	740.0000	11.01	27.51	38.52	46.00	-7.48	QP			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #814

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/09

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 22:15:41

EUT: Creative HanZpad

Engineer Signature: Star

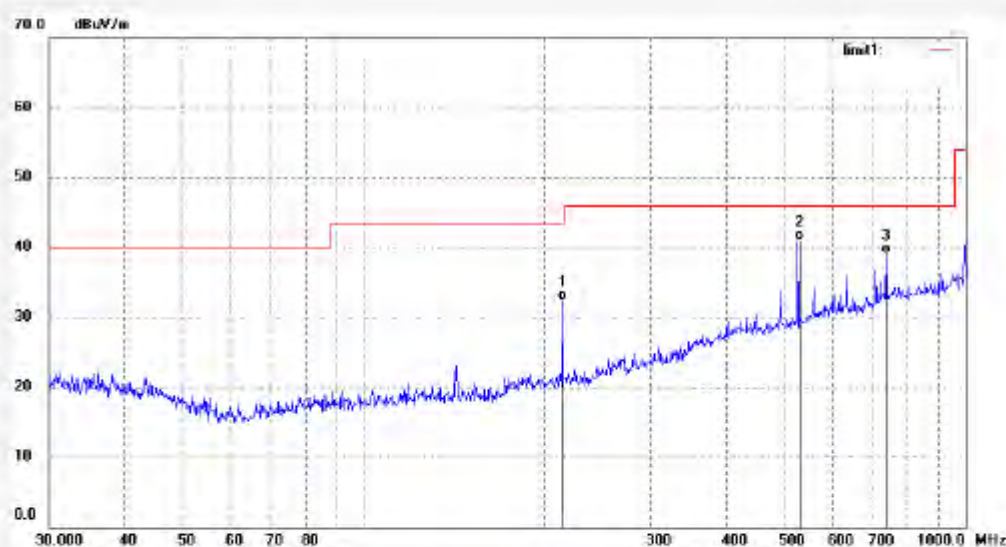
Mode: TX Channel 1(802.11g)

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	15.90	16.48	32.38	43.50	-11.12	QP			
2	533.3000	16.64	24.47	41.11	46.00	-4.89	QP			
3	740.0000	11.52	27.51	39.03	46.00	-6.97	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

 Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: star #857

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

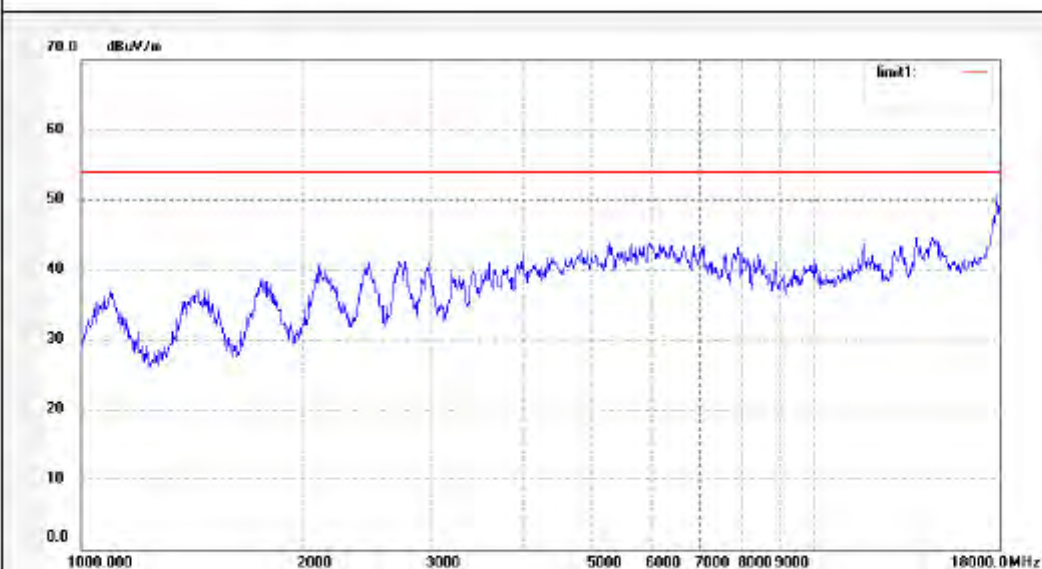
Date: 2012/05/10

Time: 18:32:11

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #856

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

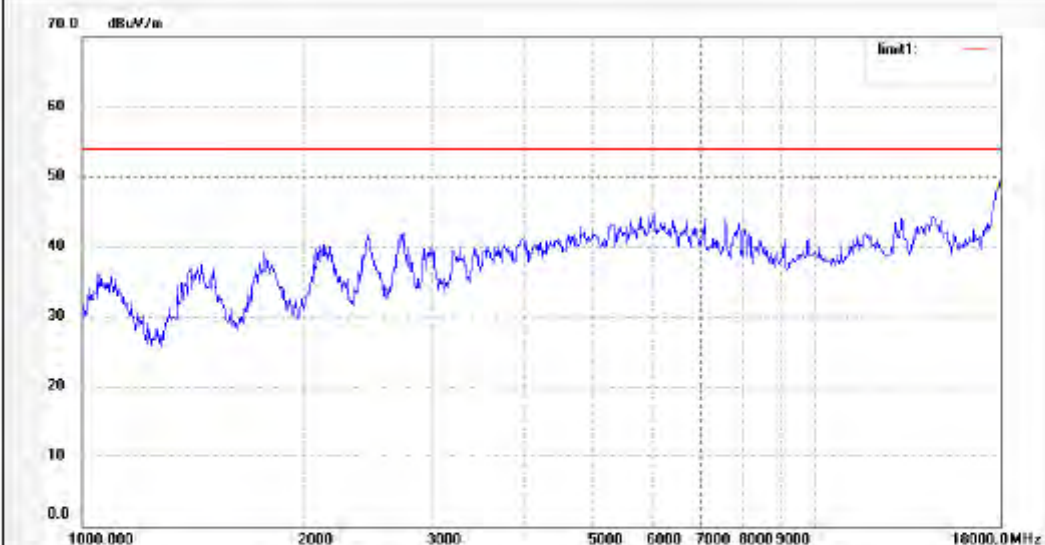
Date: 2012/05/10

Time: 18:29:31

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #899

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/10

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 21:38:04

EUT: Creative HanZpad

Engineer Signature: Star

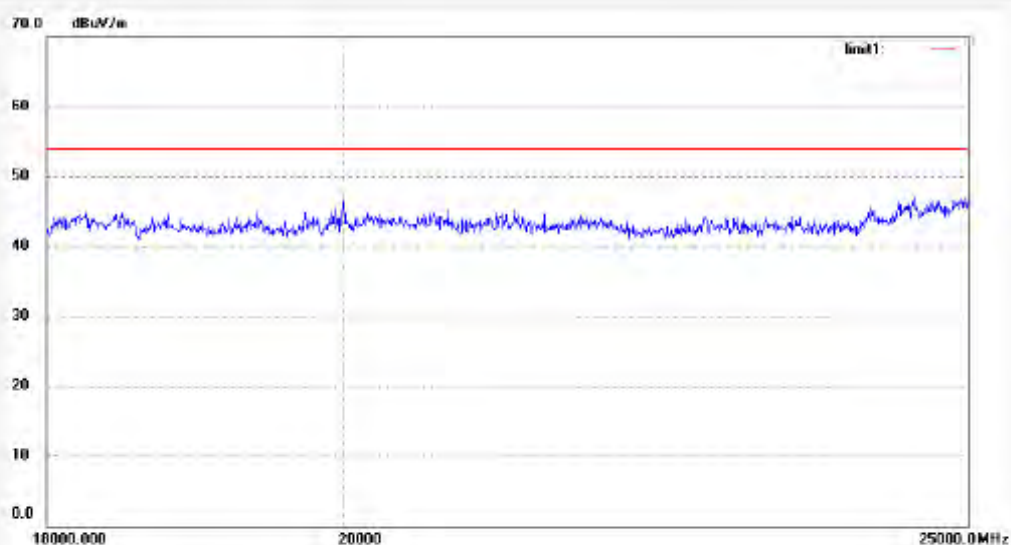
Mode: TX Channel 1(802.11g)

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #898

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

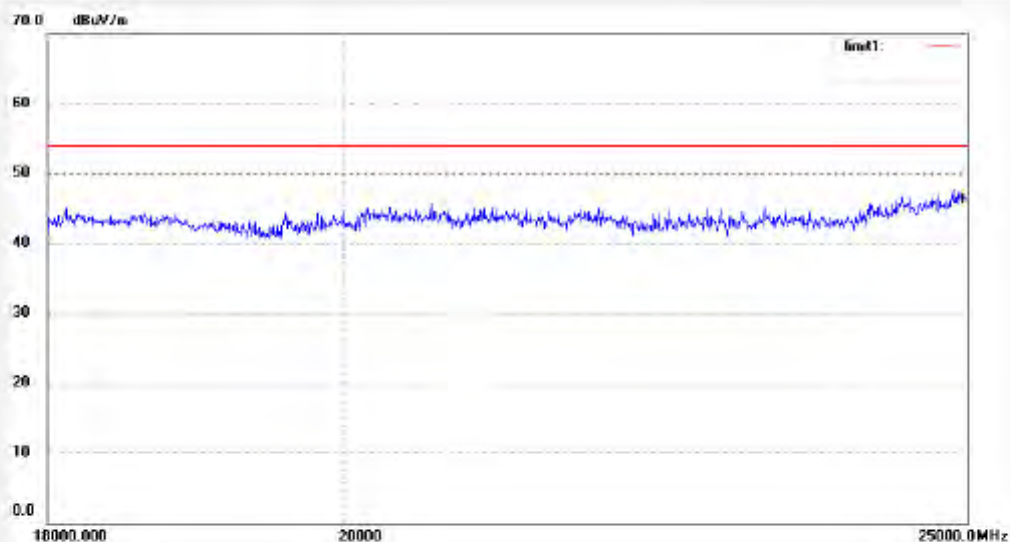
Date: 2012/05/10

Time: 21:35:42

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #818

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

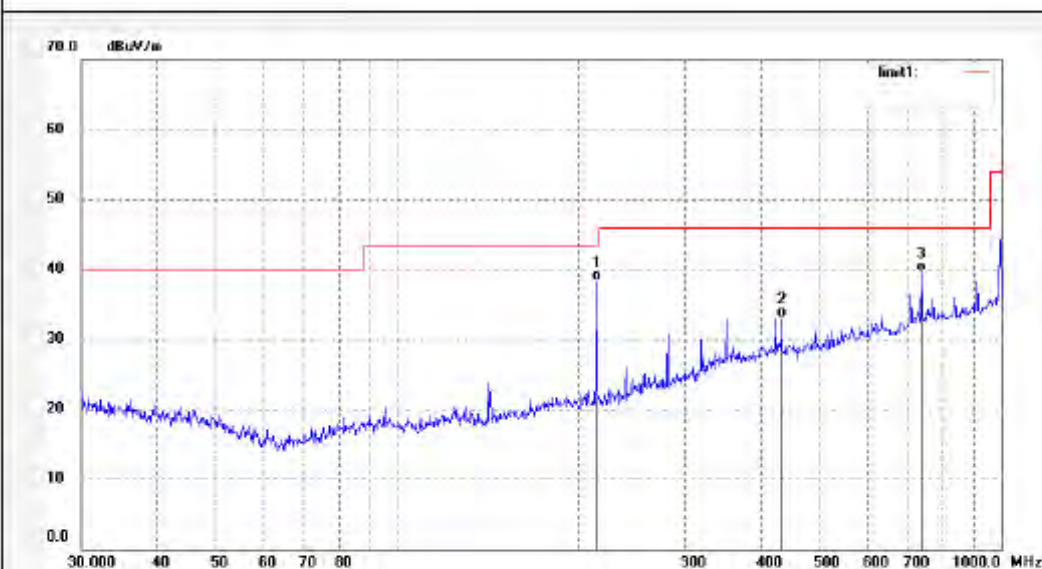
Date: 2012/05/09

Time: 22:24:02

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	21.88	16.47	38.35	43.50	-5.15	QP			
2	433.3000	10.19	22.95	33.14	46.00	-12.86	QP			
3	740.0000	12.09	27.51	39.60	46.00	-6.40	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #817

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

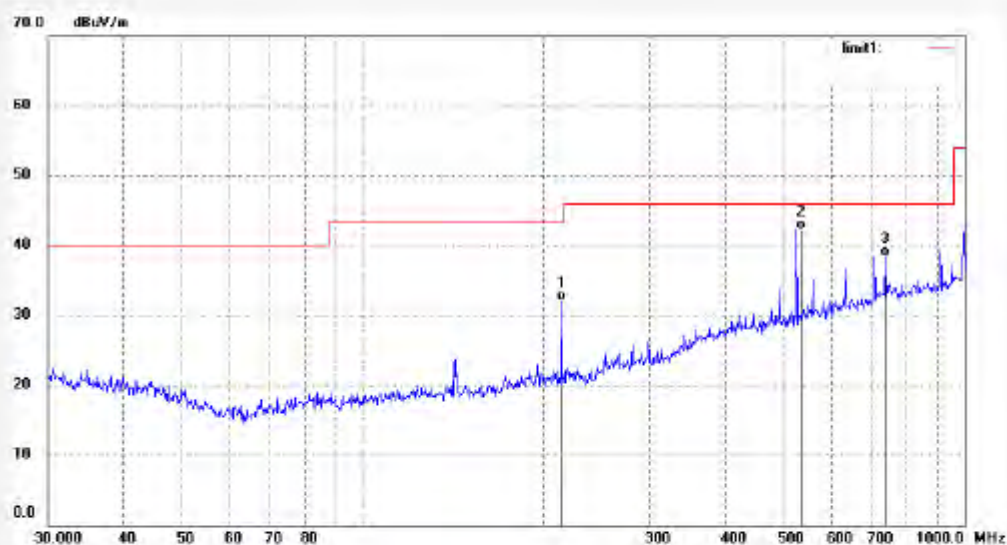
Date: 2012/05/09

Time: 22:29:04

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	15.68	16.48	32.16	43.50	-11.34	QP			
2	533.3000	17.78	24.47	42.23	46.00	-3.77	QP			
3	740.0000	10.91	27.51	38.42	46.00	-7.58	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 968 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #858

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

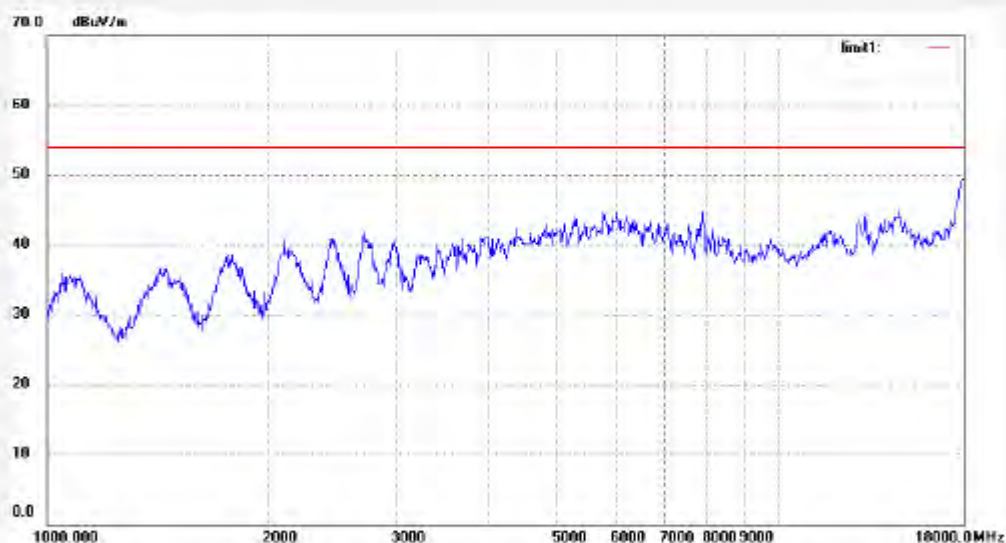
Date: 2012/05/10

Time: 18:37:06

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 968 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #859

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

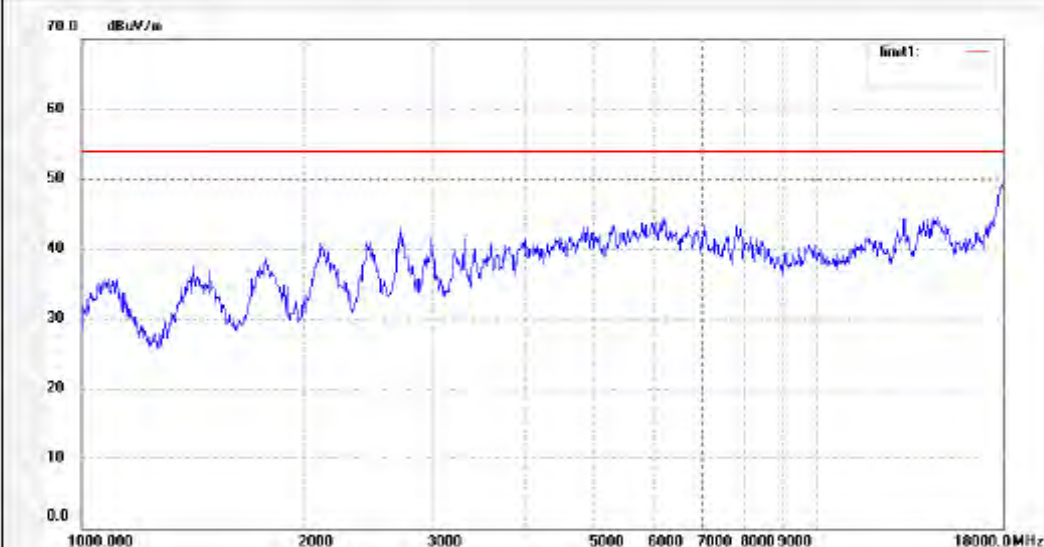
Date: 2012/05/10

Time: 18:40:49

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #900

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

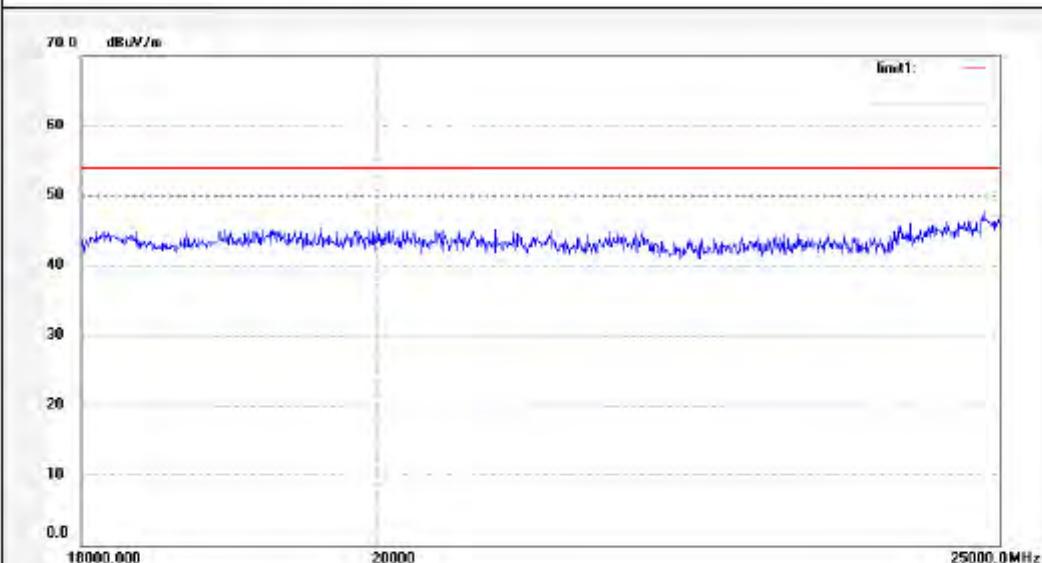
Date: 2012/05/10

Time: 21:41:17

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #901

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

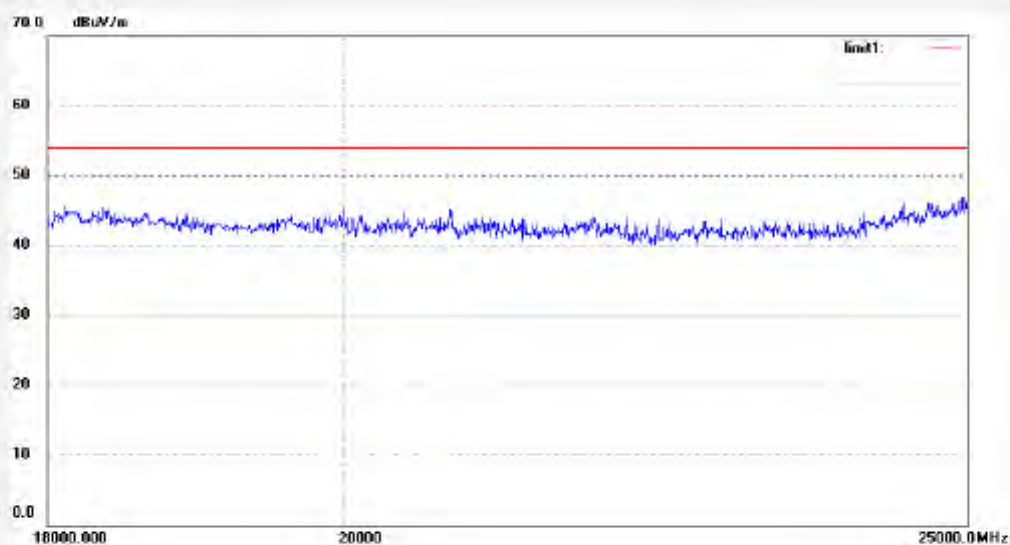
Date: 2012/05/10

Time: 21:46:33

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #819

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

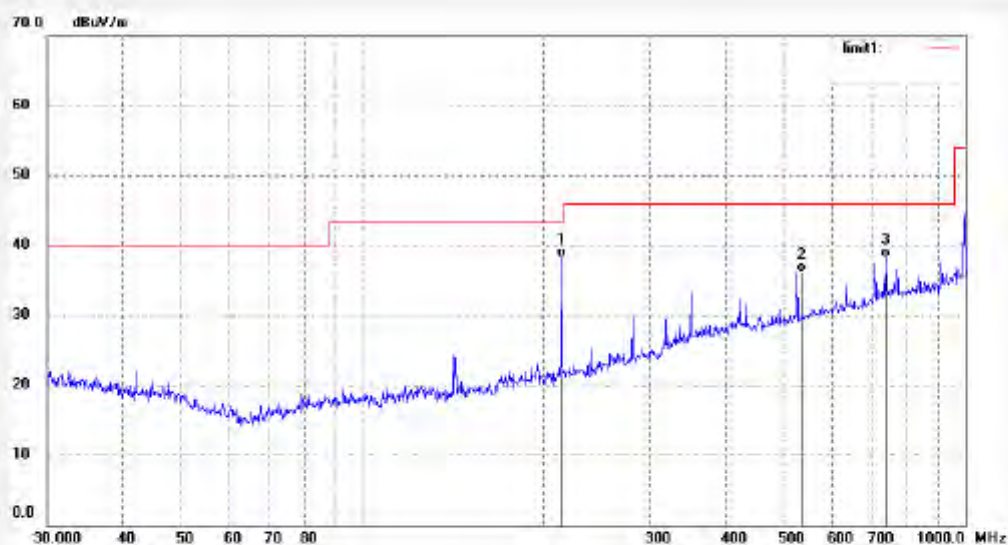
Date: 2012/05/09

Time: 22:36:13

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	21.77	16.47	38.24	43.50	-5.26	QP			
2	533.3000	11.62	24.47	36.09	48.00	-9.91	QP			
3	740.0000	10.76	27.51	38.27	48.00	-7.73	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #818

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

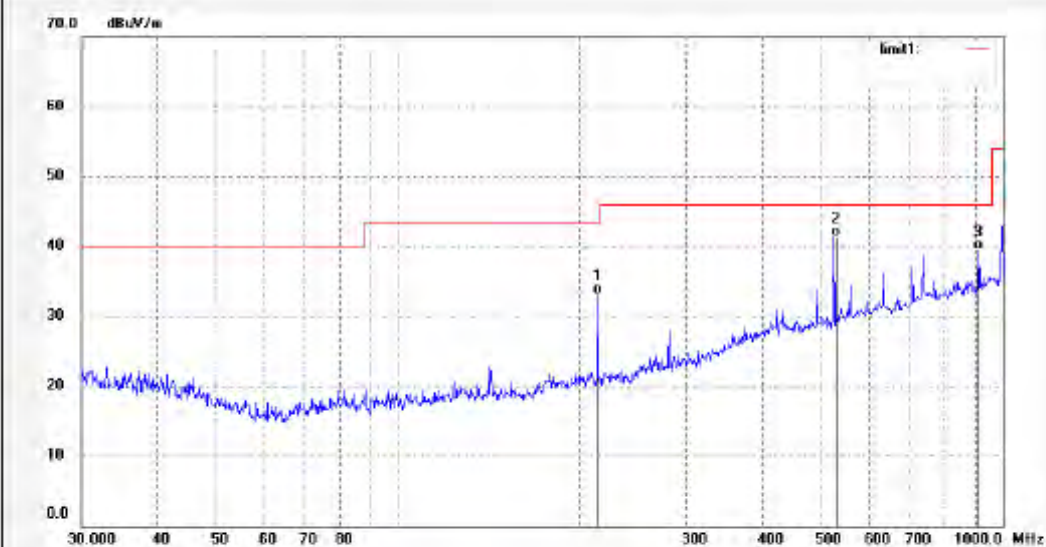
Date: 2012/05/09

Time: 22:32:51

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.68	16.48	33.16	43.50	-10.34	QP			
2	533.2000	16.93	24.46	41.39	46.00	-4.61	QP			
3	912.6952	10.54	28.87	39.41	46.00	-6.59	QP			



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

Site: 966 chamber

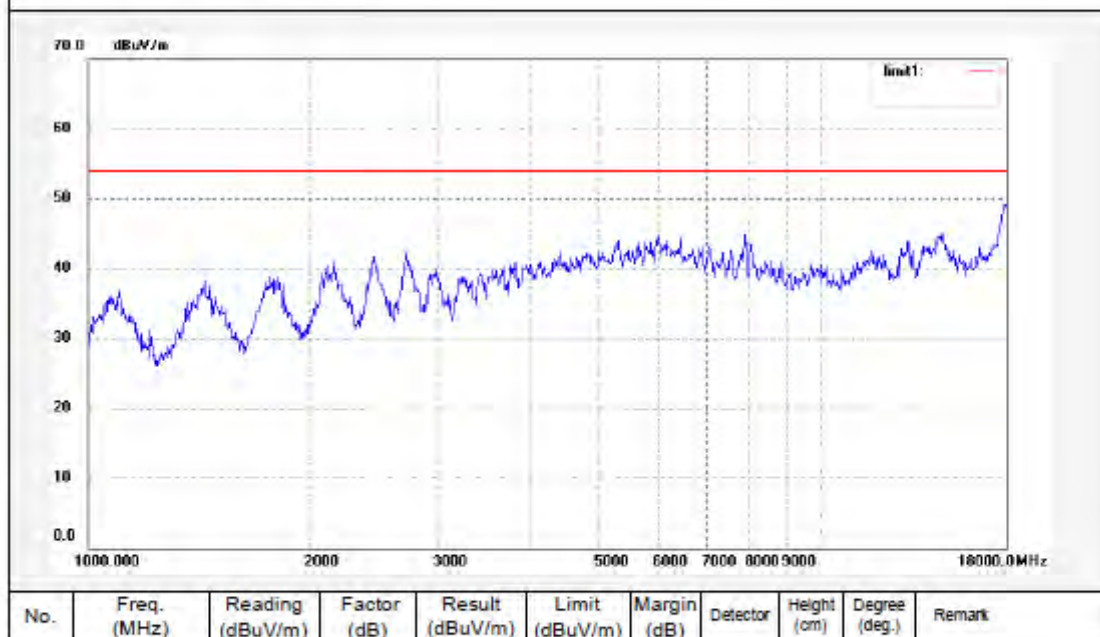
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #860
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: Creative HanZpad
Mode: TX Channel 11(802.11g)
Model: PMT-ZZ0030
Manufacturer: Creative Technology Ltd

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2012/05/10
Time: 18:45:33
Engineer Signature: Star
Distance:

Note: Report No.:ATE20120872




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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #861

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

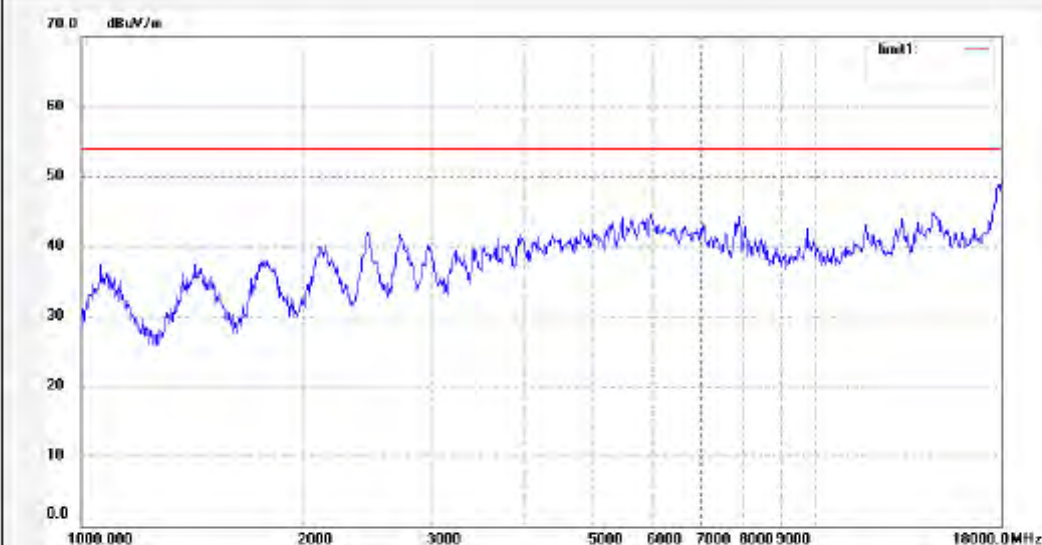
Date: 2012/05/10

Time: 18:49:19

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #903

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

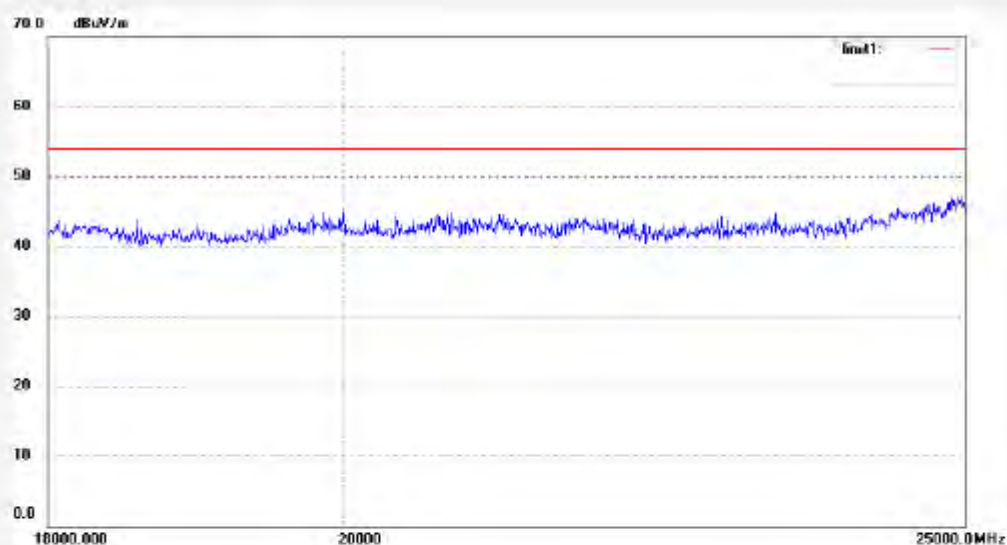
Date: 2012/05/10

Time: 21:53:12

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #902

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11g)

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

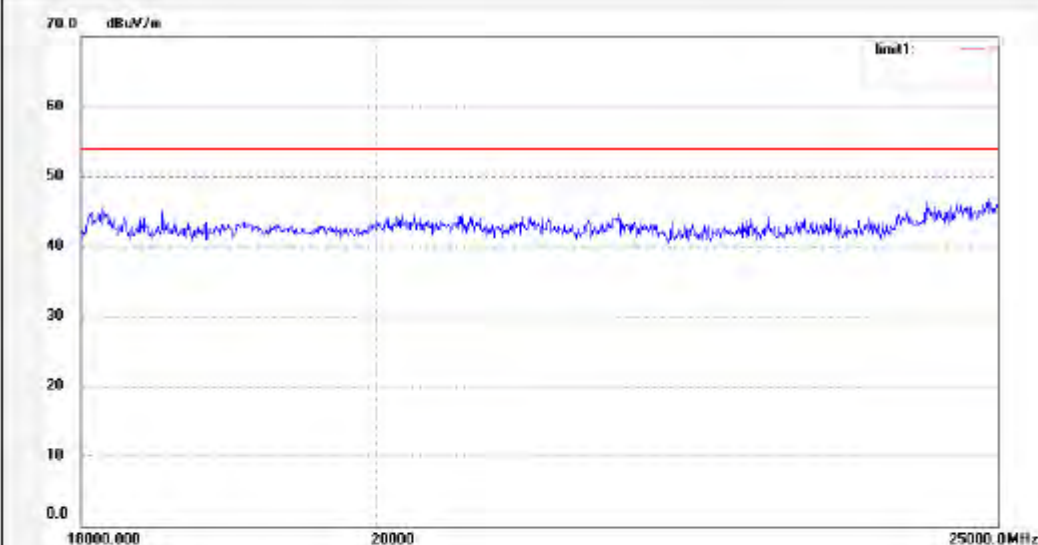
Date: 2012/05/10

Time: 21:50:56

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 968 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #820

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

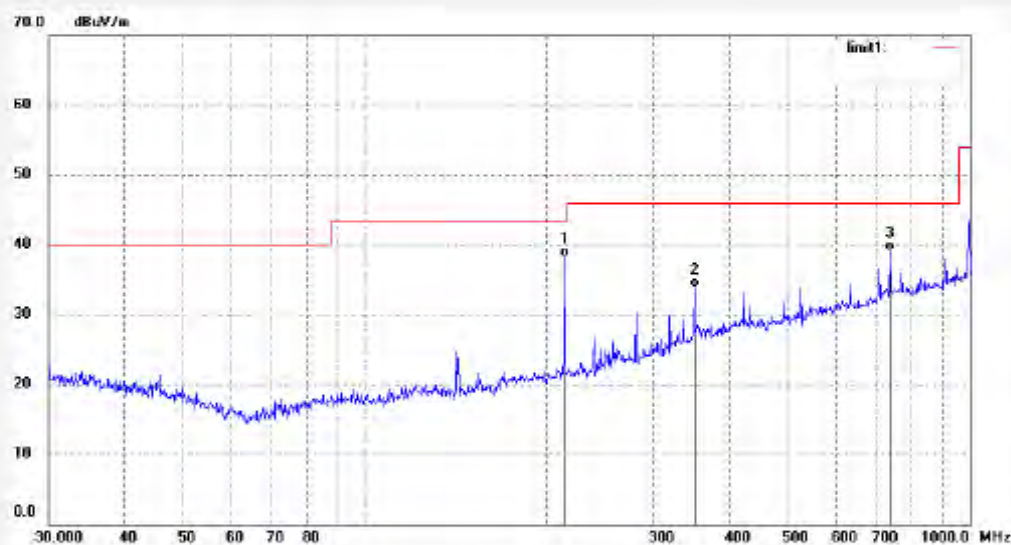
Date: 2012/05/09

Time: 22:39:50

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	21.80	16.47	38.27	43.50	-5.23	QP			
2	350.9721	12.95	20.85	33.80	46.00	-12.20	QP			
3	740.0000	11.58	27.51	39.09	46.00	-6.91	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #821

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

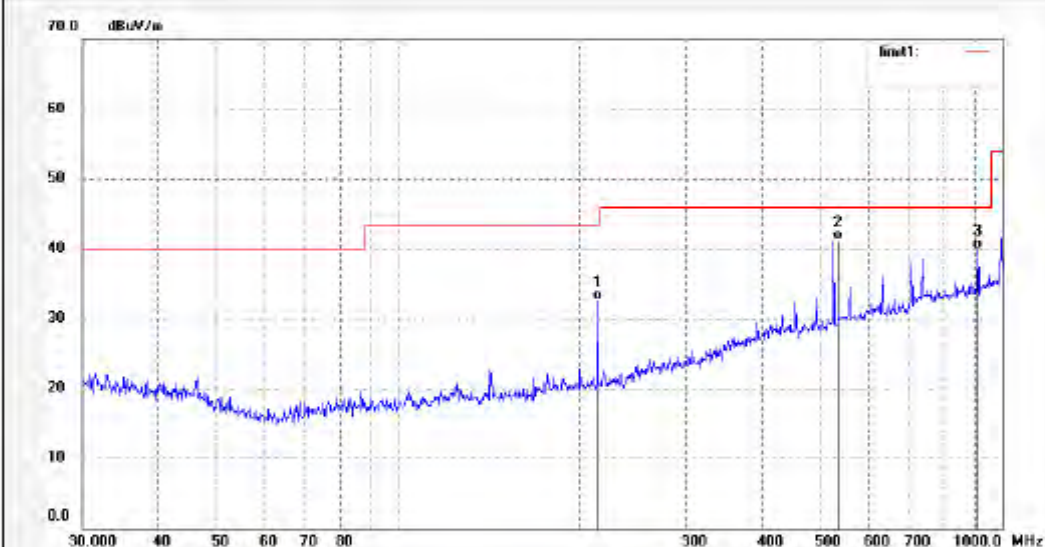
Date: 2012/05/09

Time: 22:43:48

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.24	16.48	32.72	43.50	-10.78	QP			
2	533.3000	16.81	24.47	41.28	46.00	-4.72	QP			
3	912.6953	11.06	28.87	39.93	46.00	-6.07	QP			


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F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #863

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

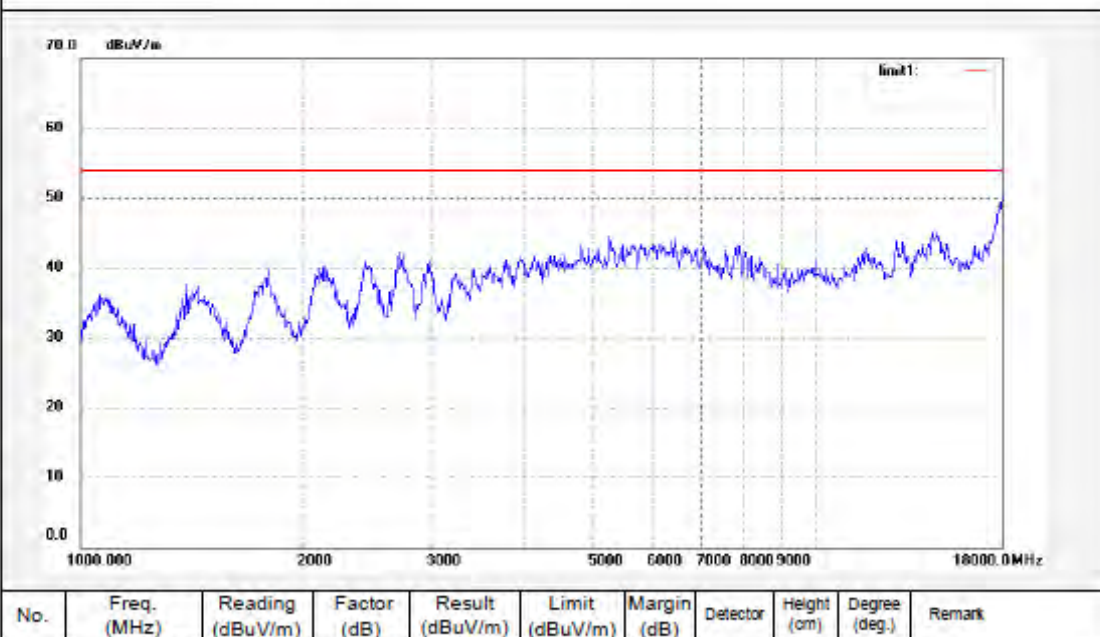
Date: 2012/05/10

Time: 18:58:53

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872




ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #862

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

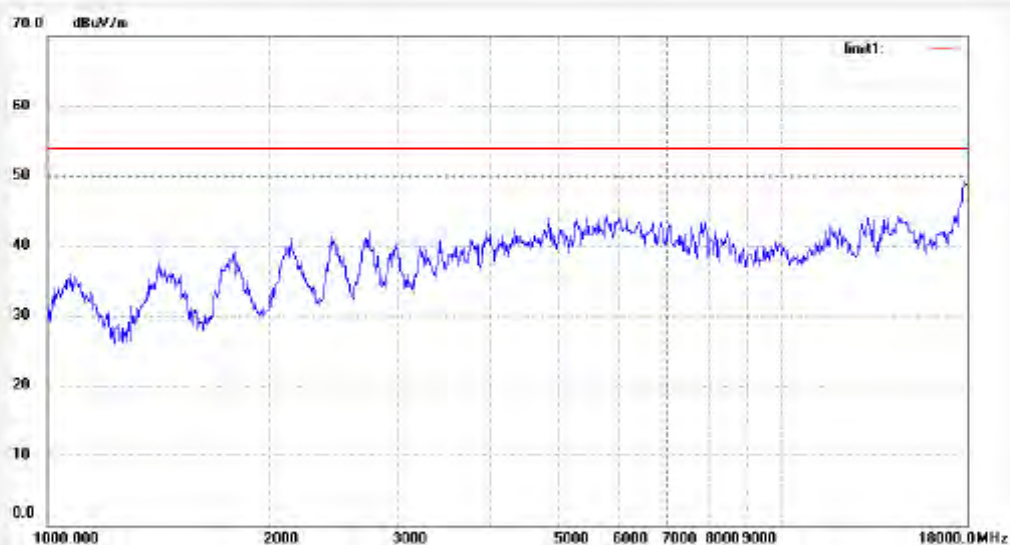
Date: 2012/05/10

Time: 18:52:08

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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F1,Bldg.A,Changyuan New Material Port Keyuan Rd.
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #904

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

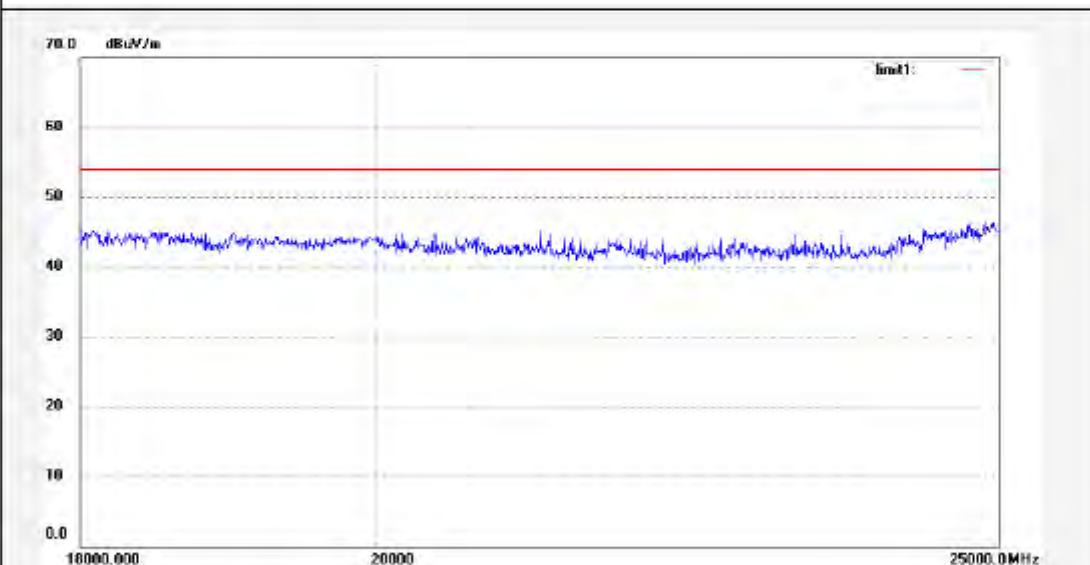
Date: 2012/05/10

Time: 21:57:31

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #905

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 1(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

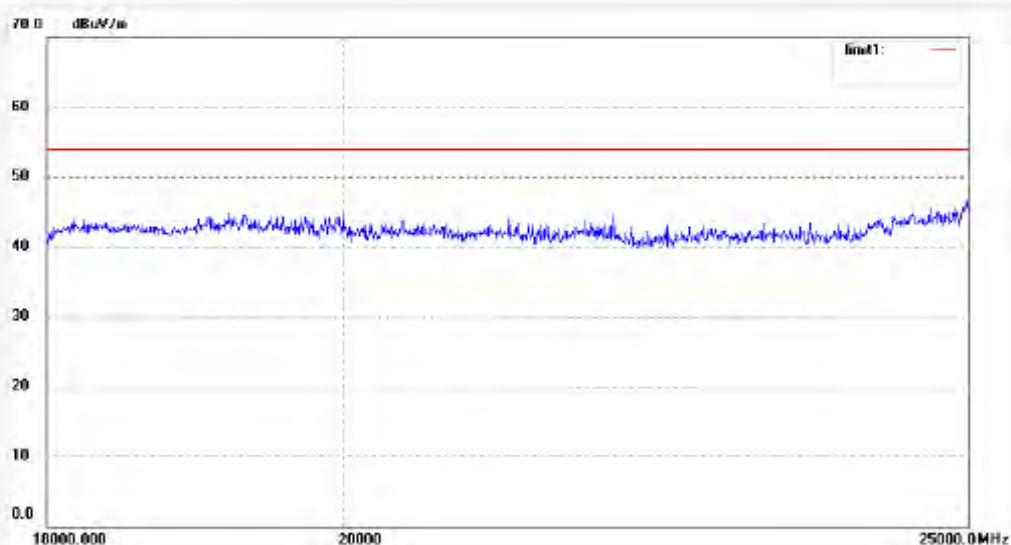
Date: 2012/05/10

Time: 22:01:46

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #823

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/09

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 22:50:11

EUT: Creative HanZpad

Engineer Signature: Star

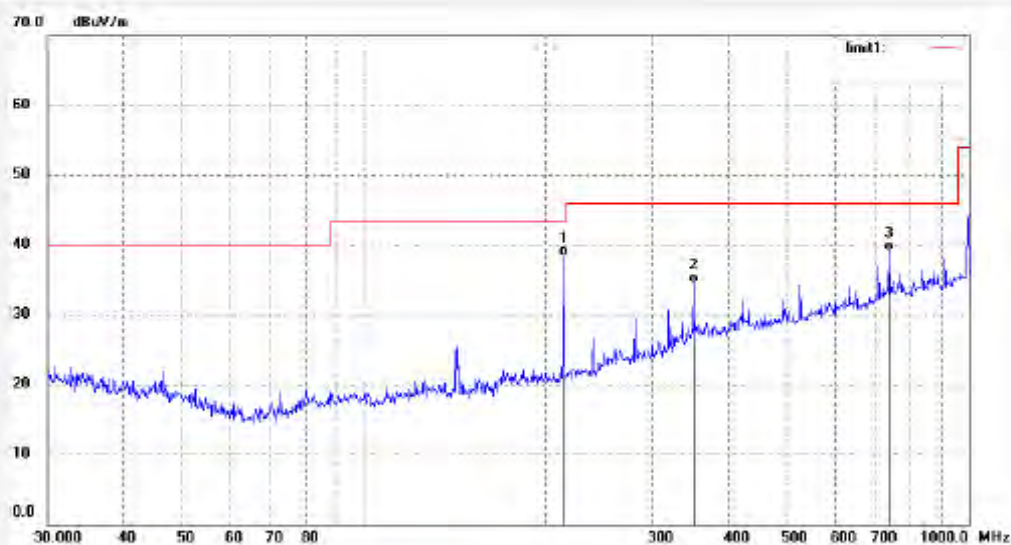
Mode: TX Channel 6(802.11n)20MHz

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3535	21.86	16.47	38.33	43.50	-5.17	QP			
2	350.9722	13.63	20.85	34.48	46.00	-11.52	QP			
3	740.0000	11.67	27.51	39.18	46.00	-6.82	QP			


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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #822

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

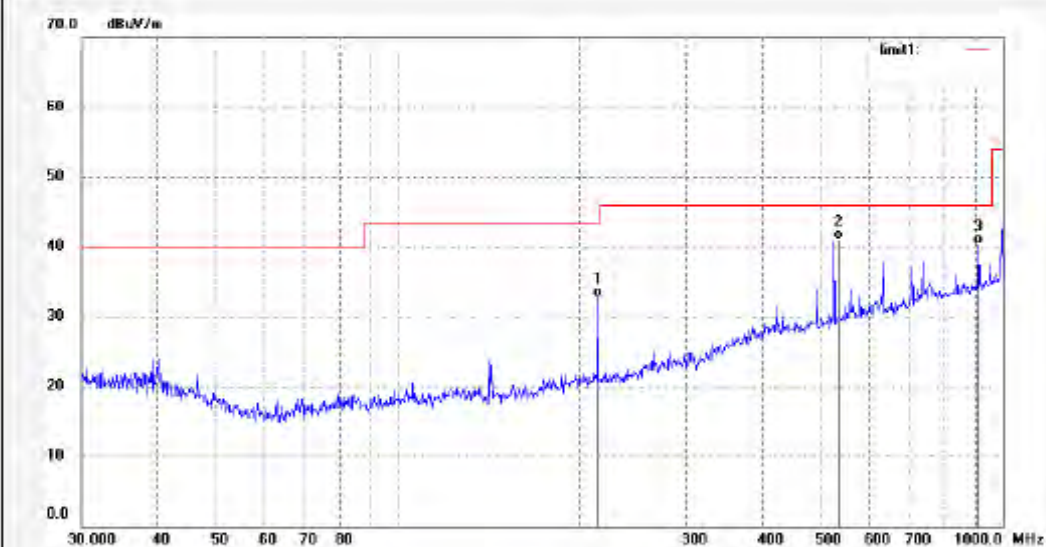
Date: 2012/05/09

Time: 22:47:37

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3340	16.40	16.48	32.88	43.50	-10.62	QP			
2	533.3201	16.48	24.47	40.95	46.00	-5.05	QP			
3	912.6952	11.44	28.87	40.31	46.00	-5.69	QP			


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

Site: 966 chamber

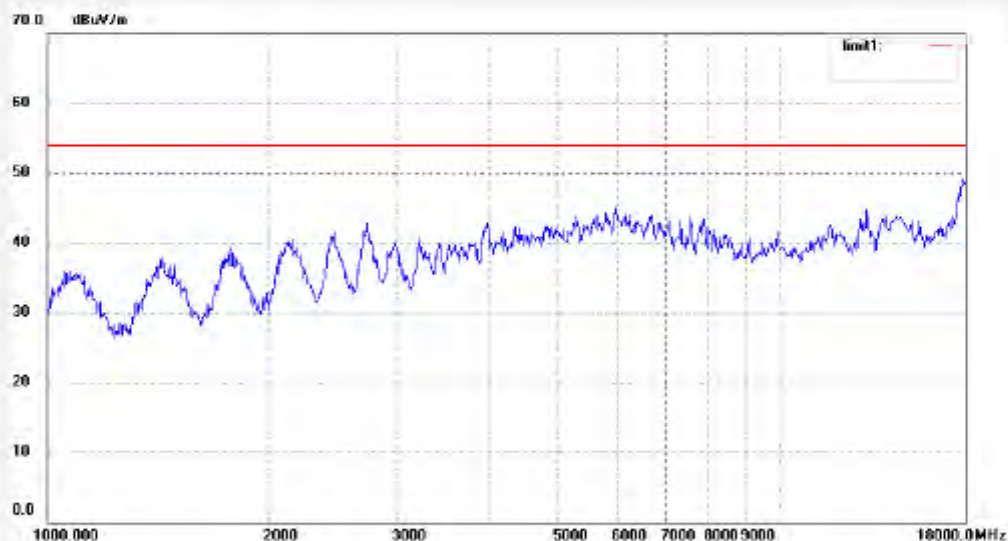
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #864
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 25 C / 51 %
 EUT: Creative HanZpad
 Mode: TX Channel 8(802.11n)20MHz
 Model: PMT-ZZ0030
 Manufacturer: Creative Technology Ltd

Polarization: Horizontal
 Power Source: DC 3.7V
 Date: 2012/05/10
 Time: 19:03:49
 Engineer Signature: Star
 Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #865

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/10

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 19:08:44

EUT: Creative HanZpad

Engineer Signature: Star

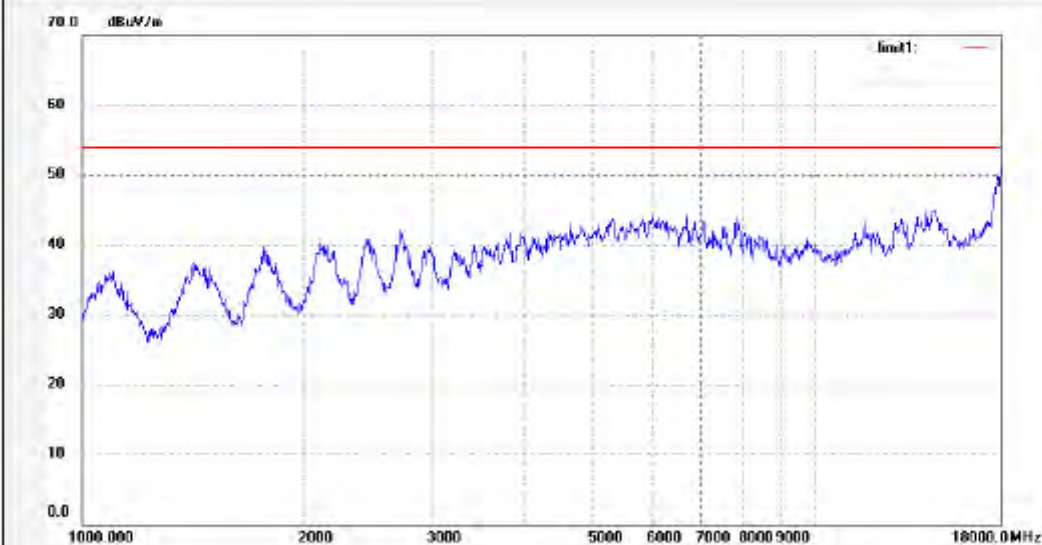
Mode: TX Channel 8(802.11n)20MHz

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #007

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

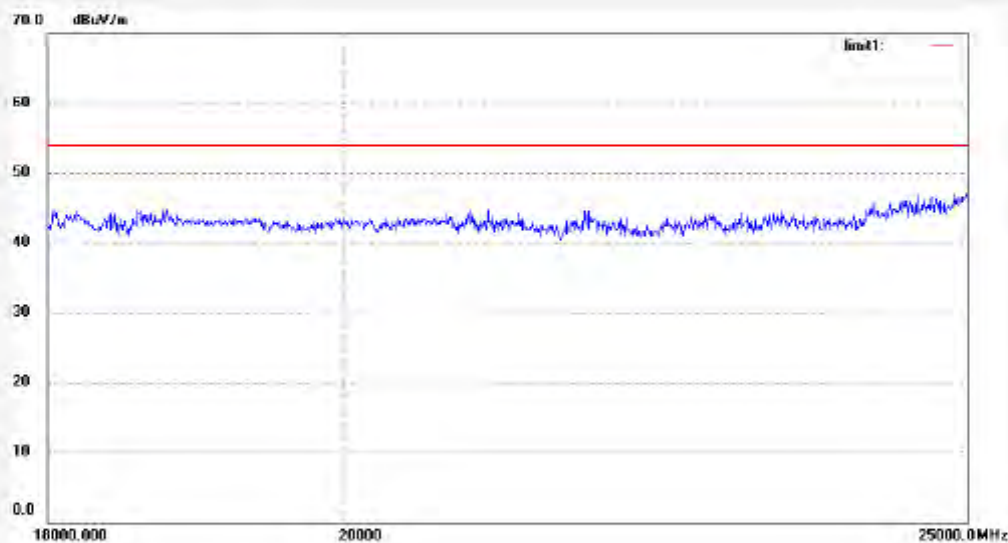
Date: 2012/05/10

Time: 22:10:35

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 968 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #908

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/10

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 22:06:15

EUT: Creative HanZpad

Engineer Signature: Star

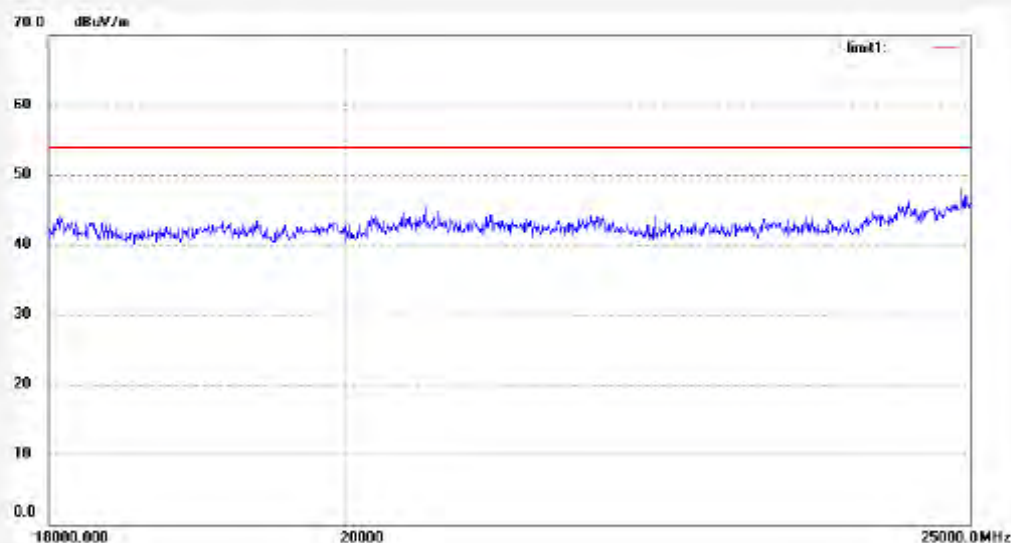
Mode: TX Channel 6(802.11n)20MHz

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

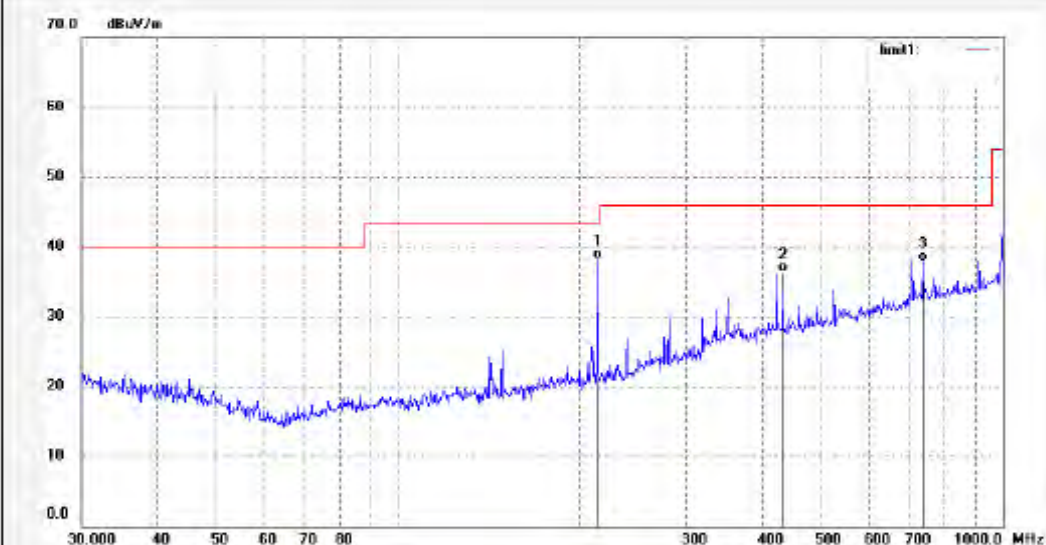
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: star #824
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 25 C / 51 %
 EUT: Creative HanZpad
 Mode: TX Channel 11(802.11n)20MHz
 Model: PMT-ZZ0030
 Manufacturer: Creative Technology Ltd

 Polarization: Horizontal
 Power Source: DC 3.7V
 Date: 2012/05/08
 Time: 22:54:06
 Engineer Signature: Star
 Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	21.74	16.47	38.21	43.50	-5.29	QP			
2	433.3000	13.40	22.95	36.35	46.00	-9.65	QP			
3	740.0000	10.44	27.51	37.95	46.00	-8.05	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

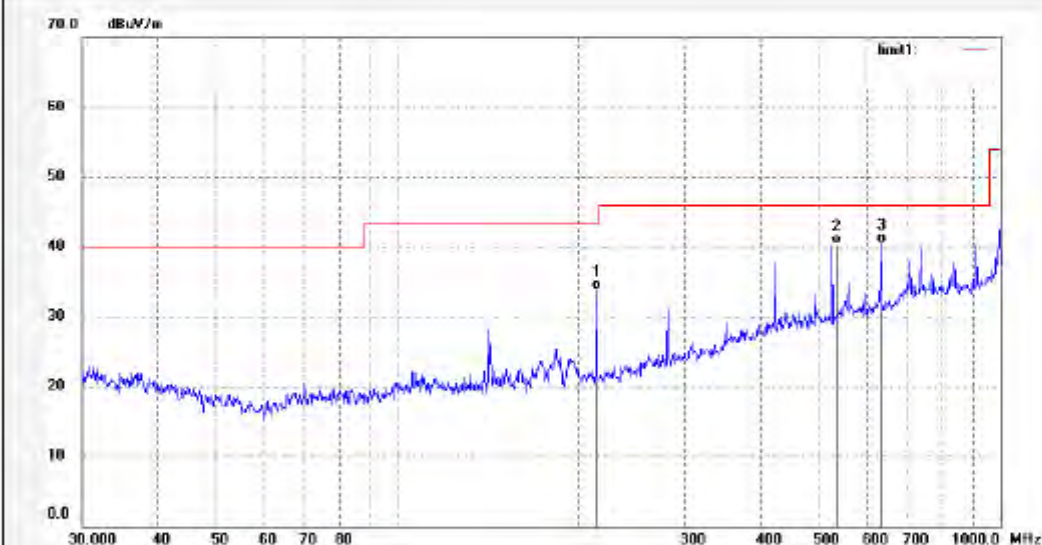
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #825
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: Creative HanZpad
Mode: TX Channel 11(802.11n)20MHz
Model: PMT-ZZ0030
Manufacturer: Creative Technology Ltd

Polarization: Vertical
Power Source: DC 3.7V
Date: 2012/05/09
Time: 22:59:15
Engineer Signature: Star
Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	17.30	16.48	33.78	43.50	-9.72	QP			
2	533.3000	15.92	24.47	40.39	46.00	-5.61	QP			
3	640.0000	14.40	26.08	40.48	46.00	-5.52	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #867

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

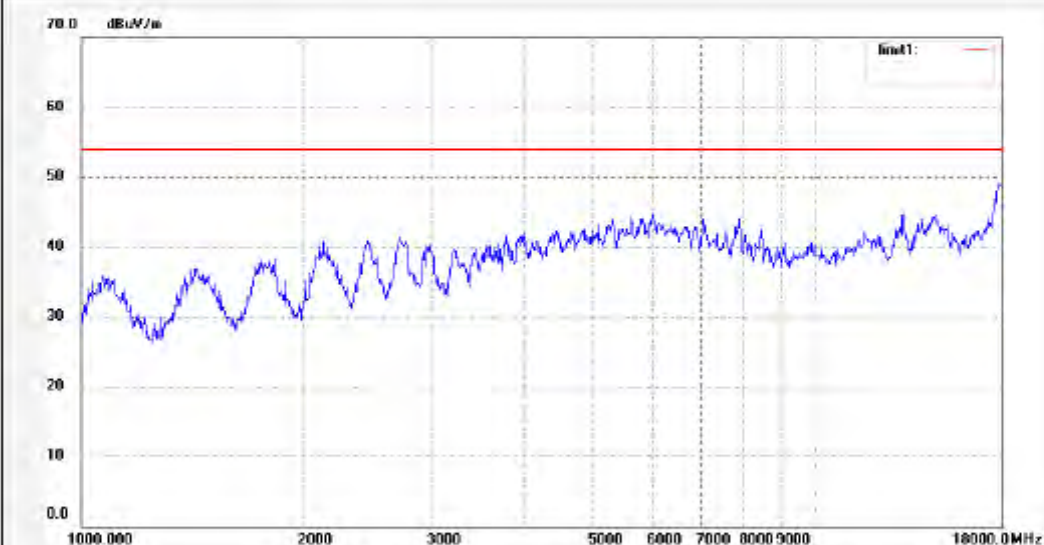
Date: 2012/05/10

Time: 19:16:33

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 968 chamber

Tel:+86-0755-28503290

Fax:+86-0755-26503396

Job No.: star #866

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

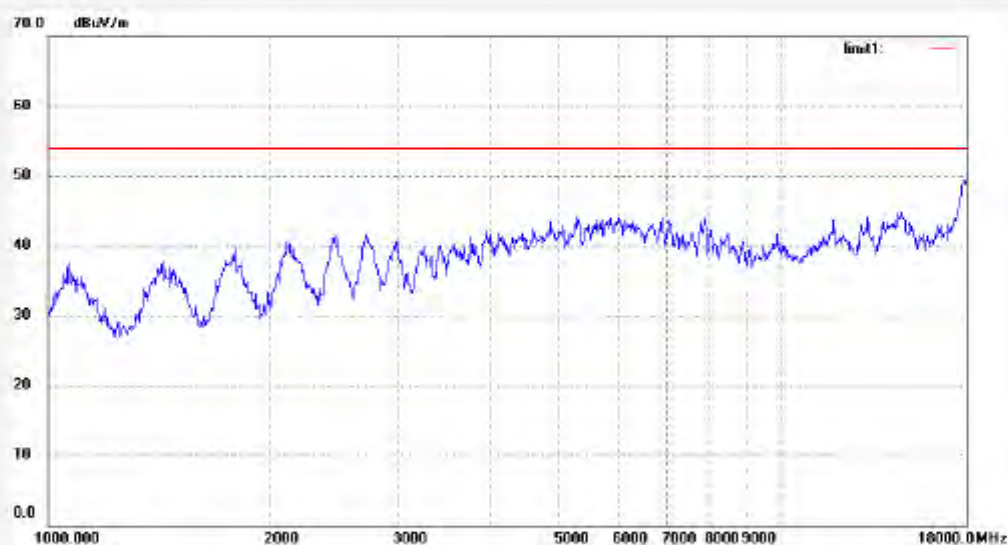
Date: 2012/05/10

Time: 19:11:47

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: star #908

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

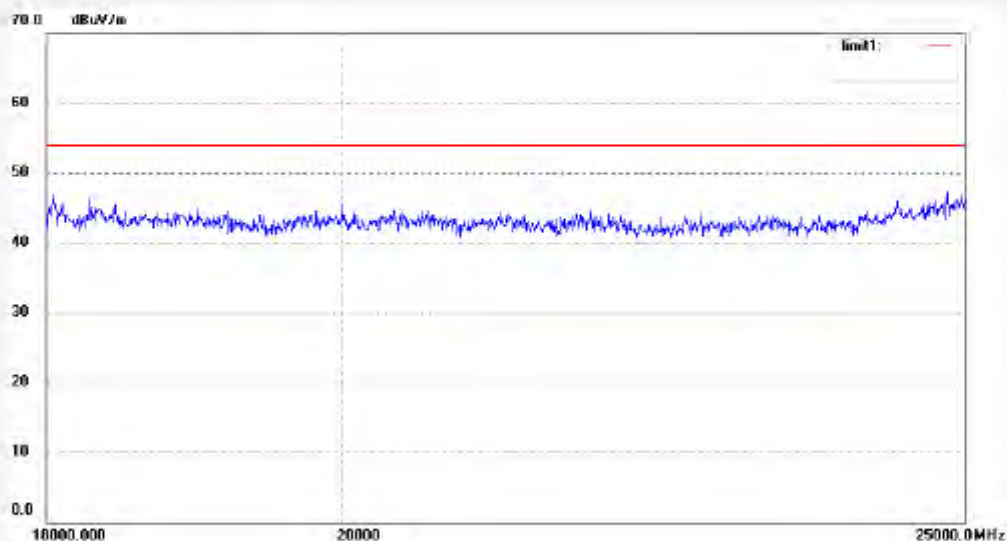
Date: 2012/05/10

Time: 22:14:50

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #909

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 11(802.11n)20MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

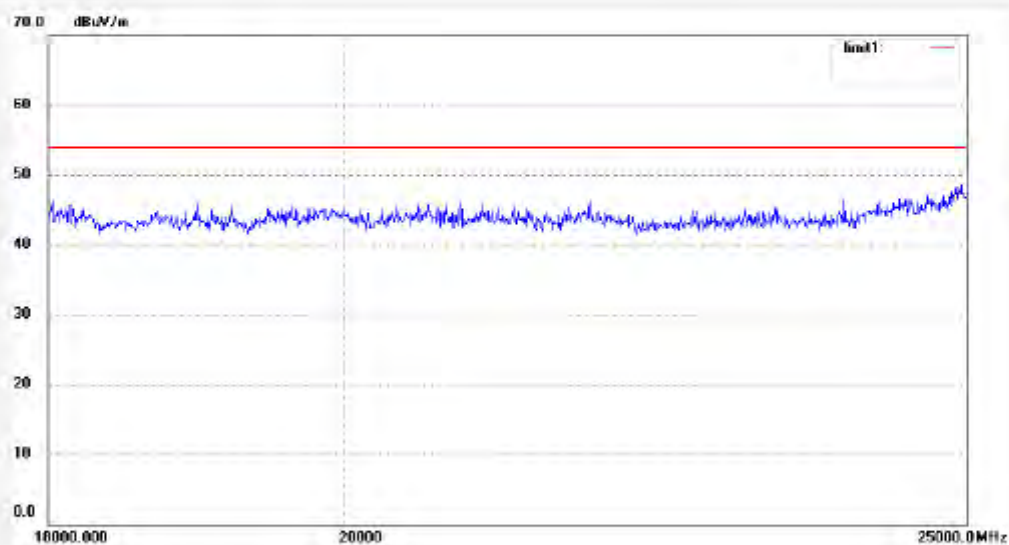
Date: 2012/05/10

Time: 22:17:02

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #827

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 3(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

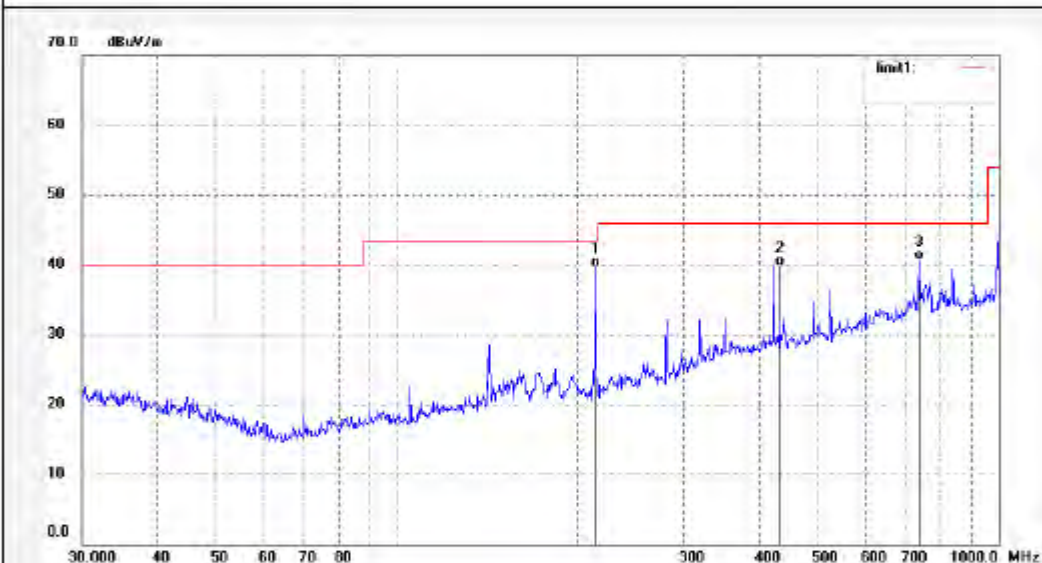
Date: 2012/05/09

Time: 23:06:23

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	23.19	16.47	39.66	43.50	-3.84	QP			
2	433.3000	16.81	22.95	39.76	46.00	-6.24	QP			
3	740.0000	13.20	27.51	40.71	46.00	-5.29	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #828

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 3(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

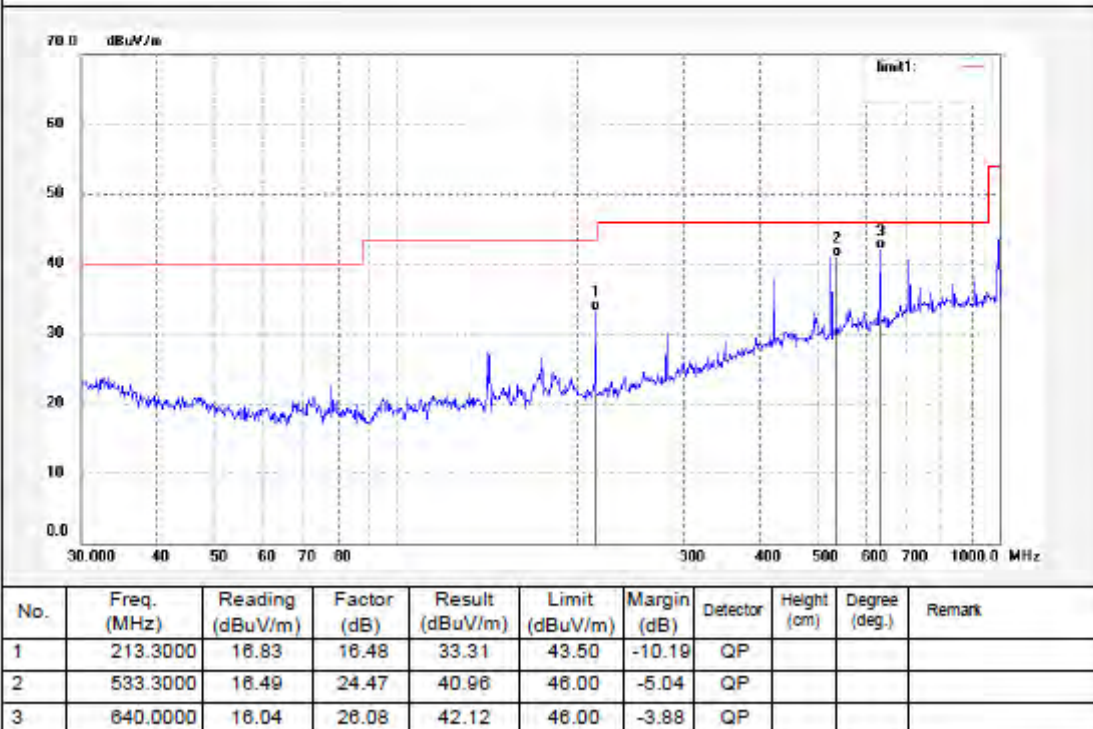
Date: 2012/05/09

Time: 23:02:44

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872




ACCURATE TECHNOLOGY CO., LTD.

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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #868

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 3(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

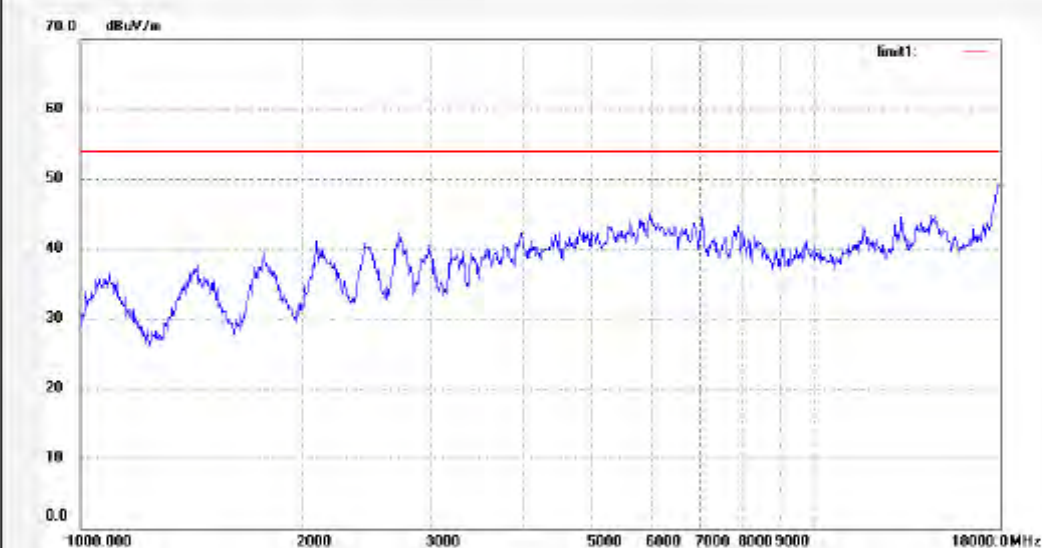
Date: 2012/05/10

Time: 19:21:11

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #869

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 3(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

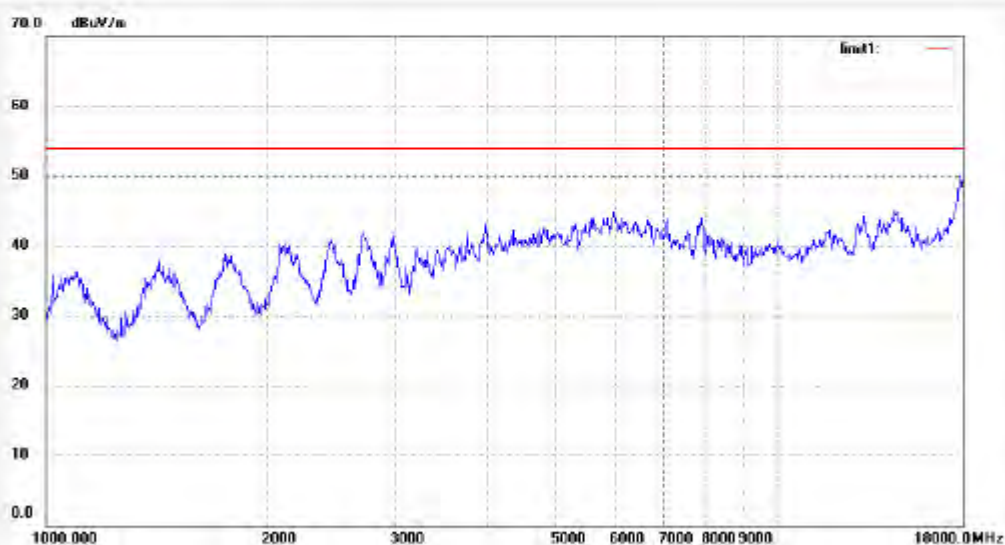
Date: 2012/05/10

Time: 19:28:01

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #911

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 3(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

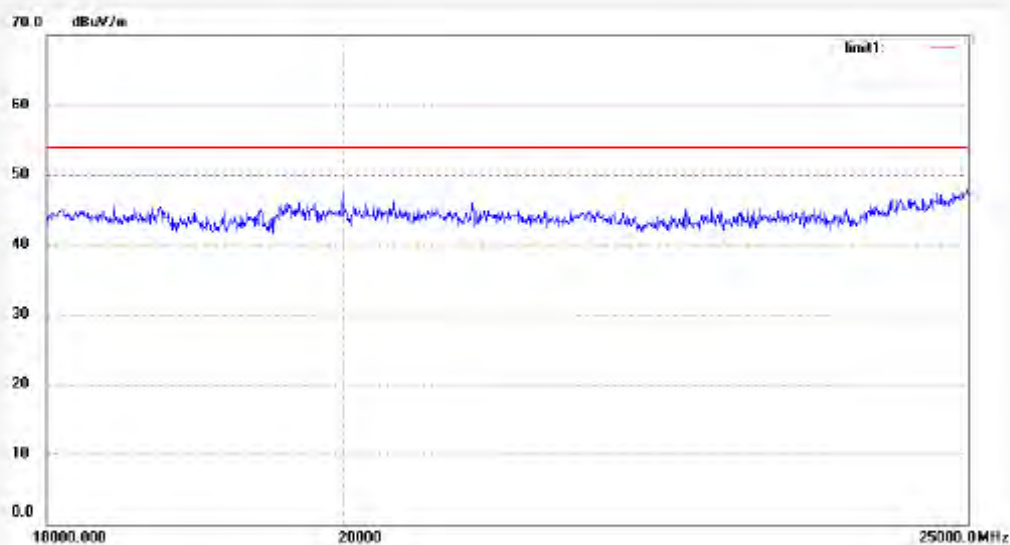
Date: 2012/05/10

Time: 22:25:53

Engineer Signature: Star

Distance:

Note: Report No.: ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #910

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 3(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

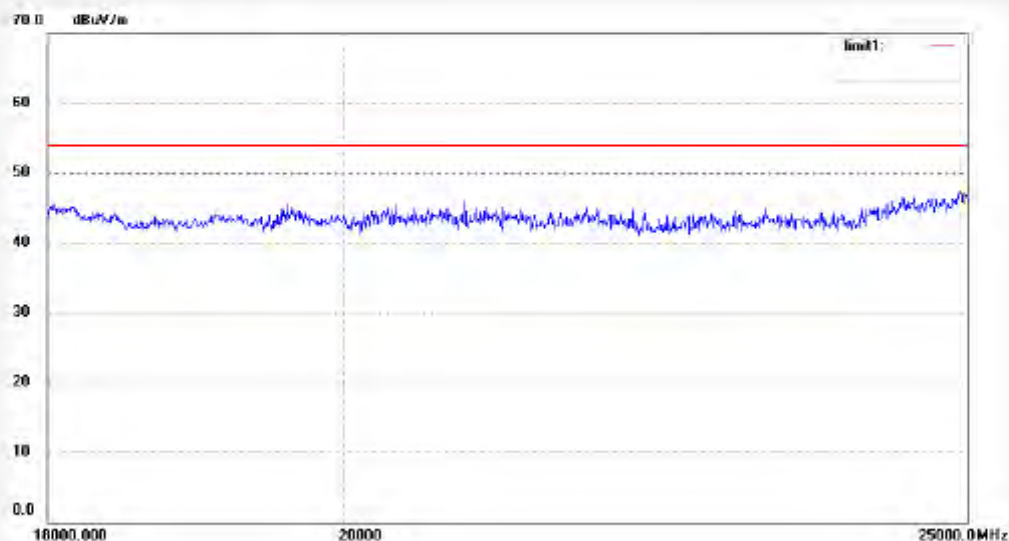
Date: 2012/05/10

Time: 22:20:19

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #828

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

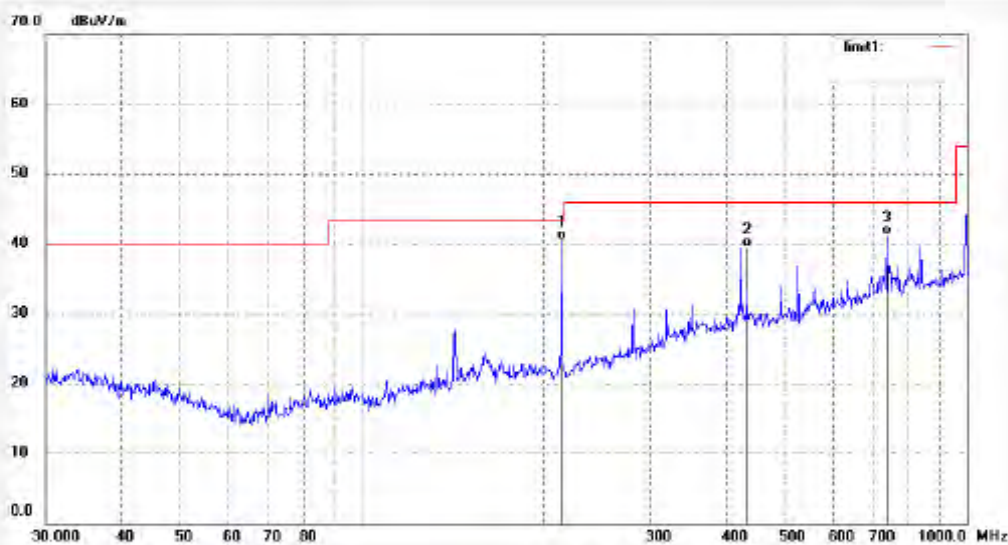
Date: 2012/05/09

Time: 23:11:29

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	24.01	16.47	40.48	43.50	-3.02	QP			
2	433.3000	16.57	22.95	39.52	48.00	-8.48	QP			
3	740.0000	13.75	27.51	41.26	48.00	-4.74	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: star #829

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 8(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

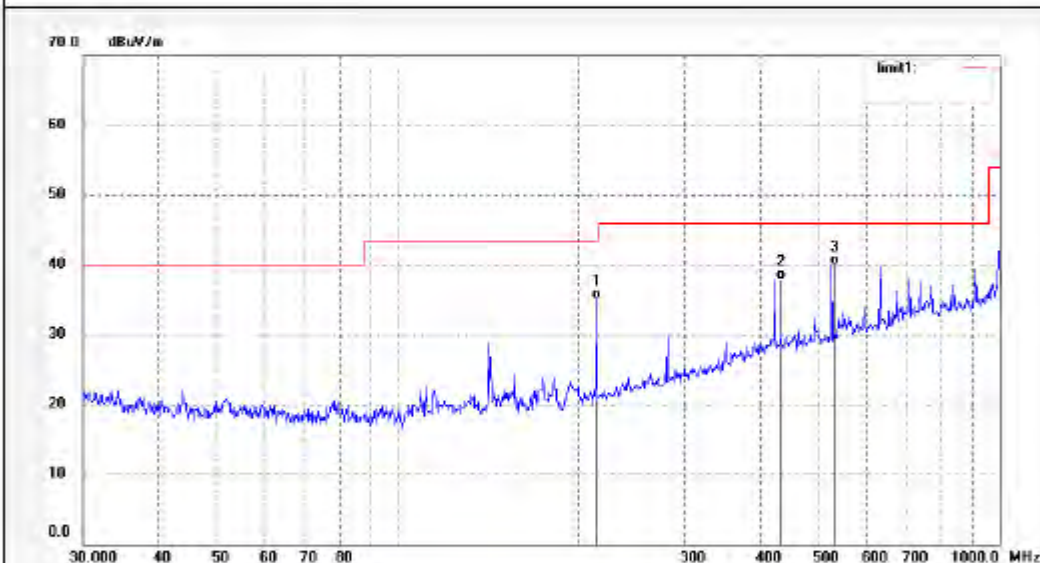
Date: 2012/05/09

Time: 23:16:47

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	18.56	16.48	35.04	43.50	-8.46	QP			
2	433.1000	14.98	22.95	37.93	46.00	-8.07	QP			
3	533.3000	15.54	24.47	40.01	46.00	-5.99	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #871

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

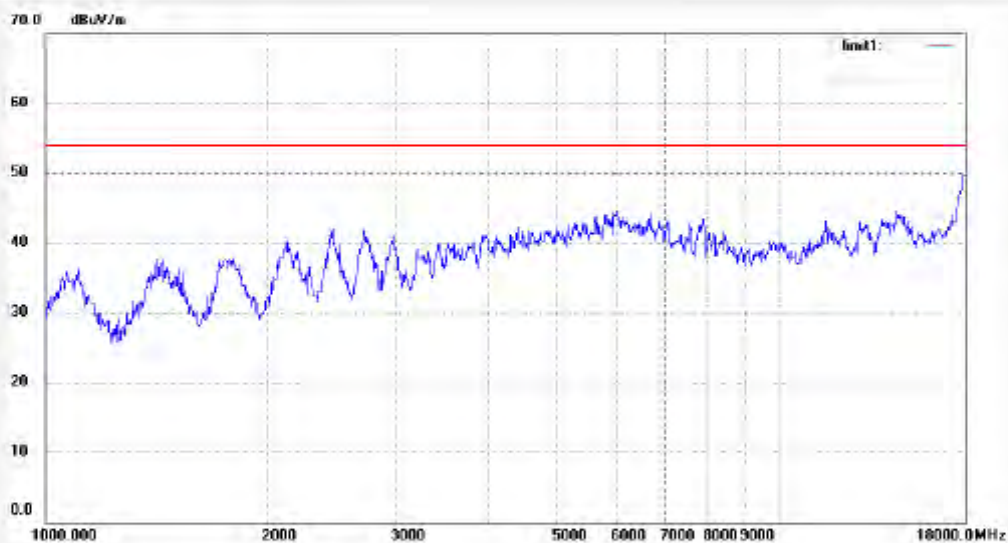
Date: 2012/05/10

Time: 19:34:10

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 986 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #870

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 6(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

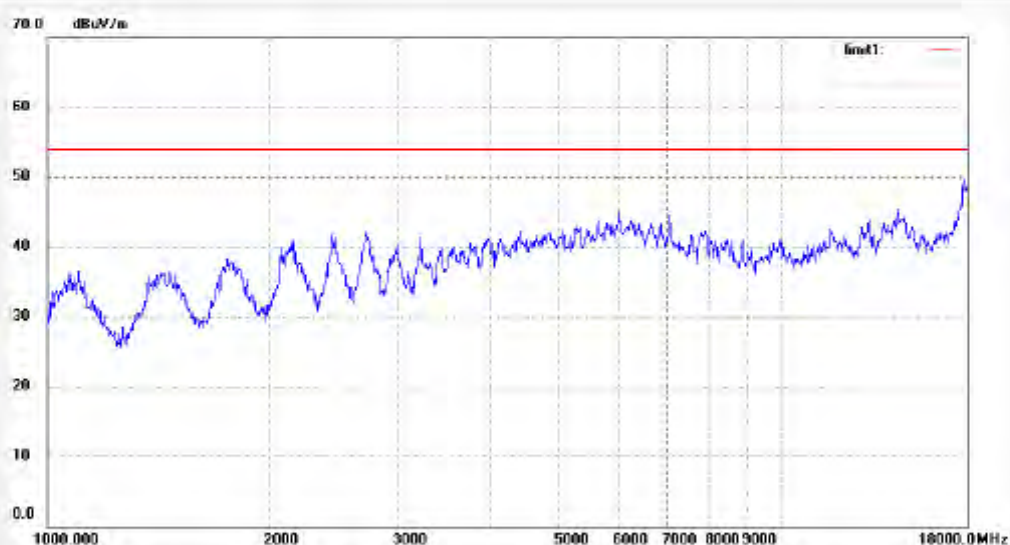
Date: 2012/05/10

Time: 19:30:35

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #912	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2012/05/10
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:28:06
EUT: Creative HanZpad	Engineer Signature: Star
Mode: TX Channel 6(802.11n)40MHz	Distance:
Model: PMT-ZZ0030	
Manufacturer: Creative Technology Ltd	

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 988 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #913

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 8(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

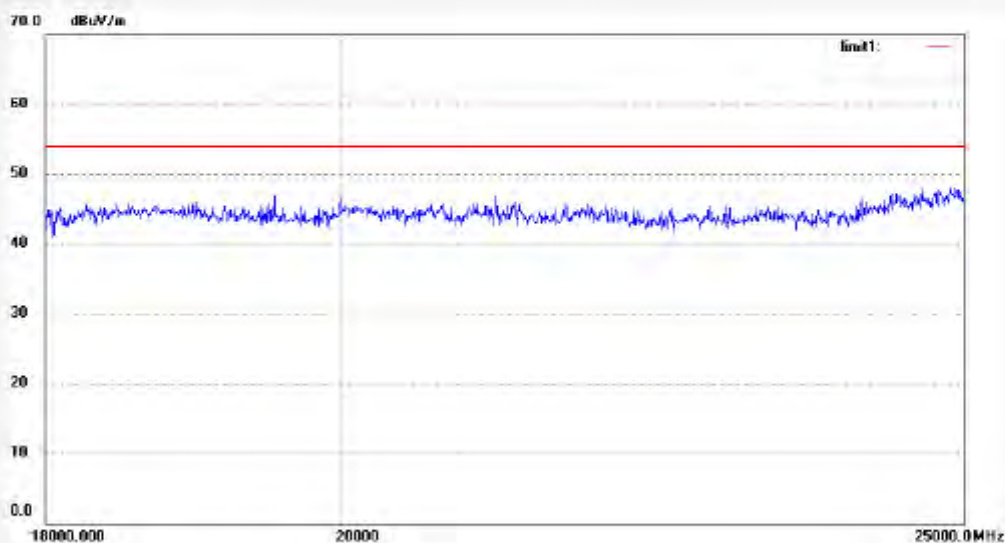
Date: 2012/05/10

Time: 22:31:18

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #831

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 9(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

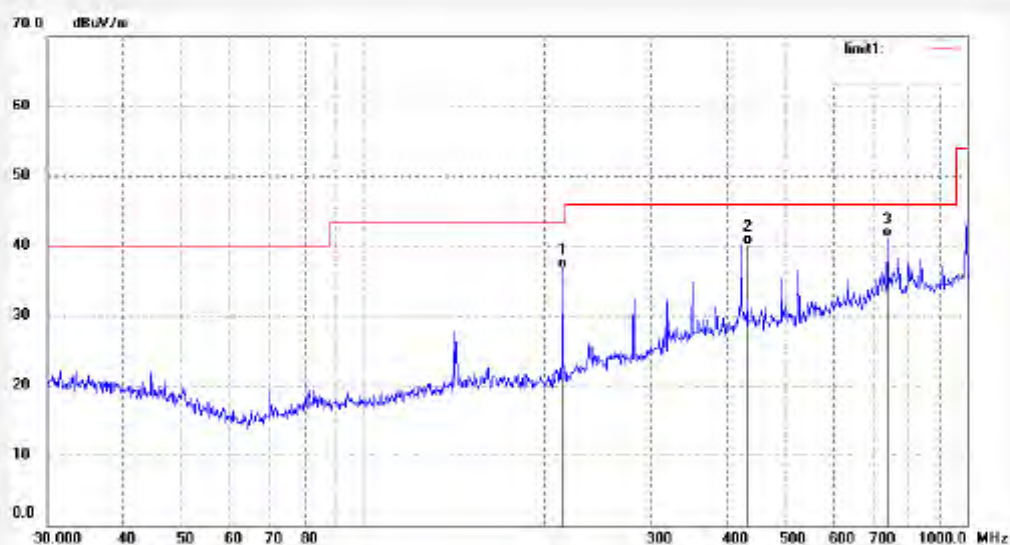
Date: 2012/05/09

Time: 23:24:16

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3535	20.30	16.47	36.77	43.50	-6.73	QP			
2	433.3100	17.25	22.95	40.20	46.00	-5.80	QP			
3	740.1000	13.62	27.51	41.13	46.00	-4.87	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #830

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/09

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 23:20:13

EUT: Creative HanZpad

Engineer Signature: Star

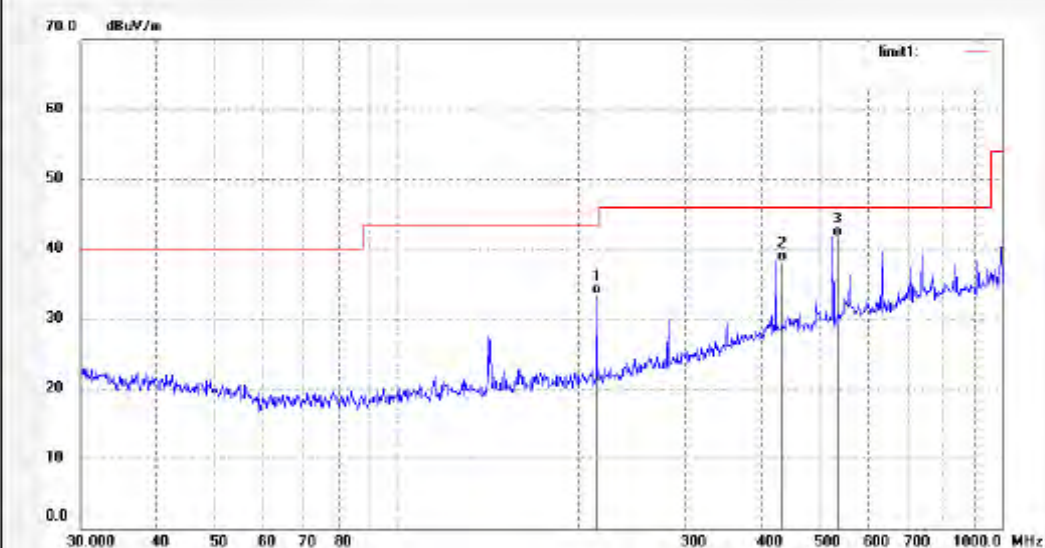
Mode: TX Channel 9(802.11n)40MHz

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.97	16.48	33.45	43.50	-10.05	QP			
2	433.3000	15.21	22.95	38.16	46.00	-7.84	QP			
3	533.0000	17.35	24.45	41.80	46.00	-4.20	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #872

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 9(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Horizontal

Power Source: DC 3.7V

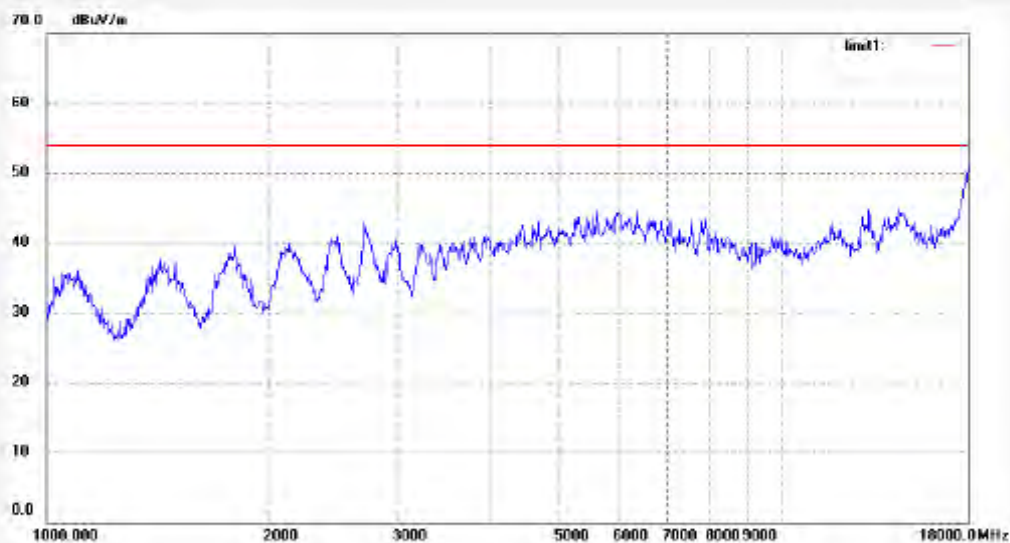
Date: 2012/05/10

Time: 19:37:55

Engineer Signature: Star

Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #973

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3.7V

Test item: Radiation Test

Date: 2012/05/10

Temp.(C)/Hum.(%) 25 C / 51 %

Time: 19:43:30

EUT: Creative HanZpad

Engineer Signature: Star

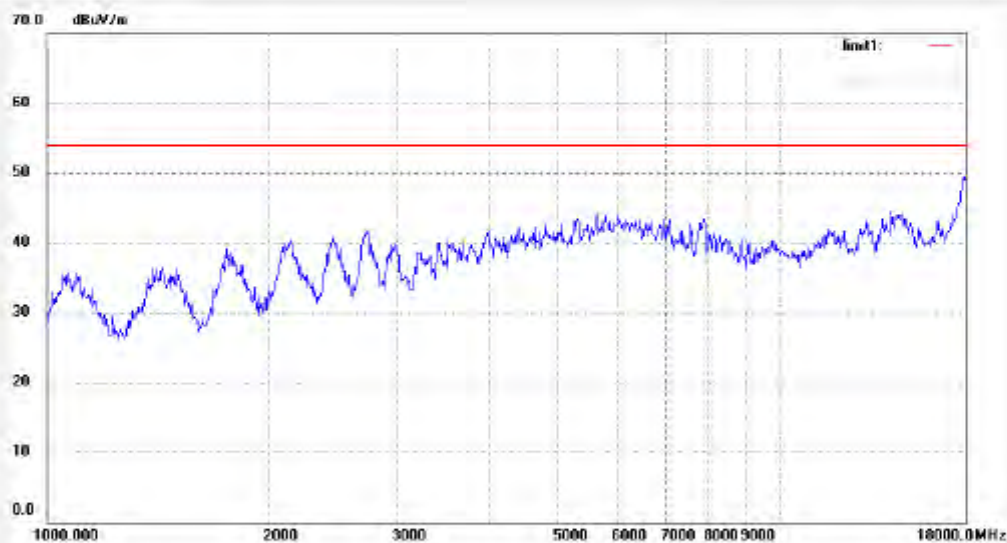
Mode: TX Channel 9(802.11n)40MHz

Distance:

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

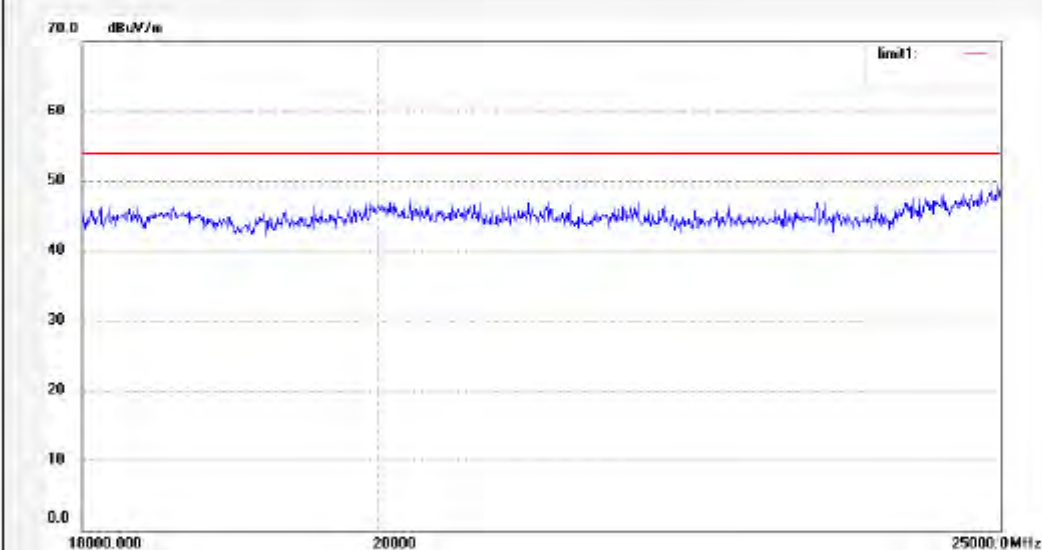
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #915
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: Creative HanZpad
Mode: TX Channel 9(802.11n)40MHz
Model: PMT-ZZ0030
Manufacturer: Creative Technology Ltd

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2012/05/10
Time: 22:40:48
Engineer Signature: Star
Distance:

Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #914

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: Creative HanZpad

Mode: TX Channel 9(802.11n)40MHz

Model: PMT-ZZ0030

Manufacturer: Creative Technology Ltd

Polarization: Vertical

Power Source: DC 3.7V

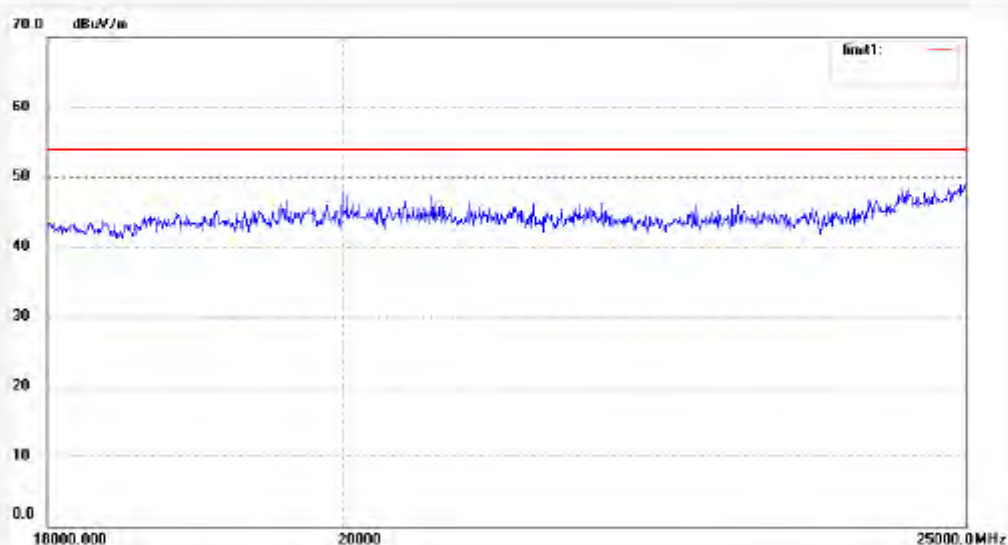
Date: 2012/05/10

Time: 22:35:31

Engineer Signature: Star

Distance:

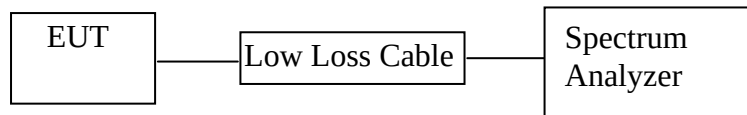
Note: Report No.:ATE20120872



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	----------------	---------------------	----------------	--------------------	-------------------	----------------	----------	----------------	------------------	--------

10.CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

10.1.Block Diagram of Test Setup



(EUT: Creative HanZpad)

10.2.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).

10.3.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.

10.3.1.Creative HanZpad (EUT)

Model Number	:	PMT-ZZ0030
Serial Number	:	N/A
Manufacturer	:	Creative Technology Ltd

10.4.Operating Condition of EUT

10.4.1.Setup the EUT and simulator as shown as Section 10.1.

10.4.2.Turn on the power of all equipment.

10.4.3.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.

10.5.Test Procedure

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

10.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).

10.5.3.Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).

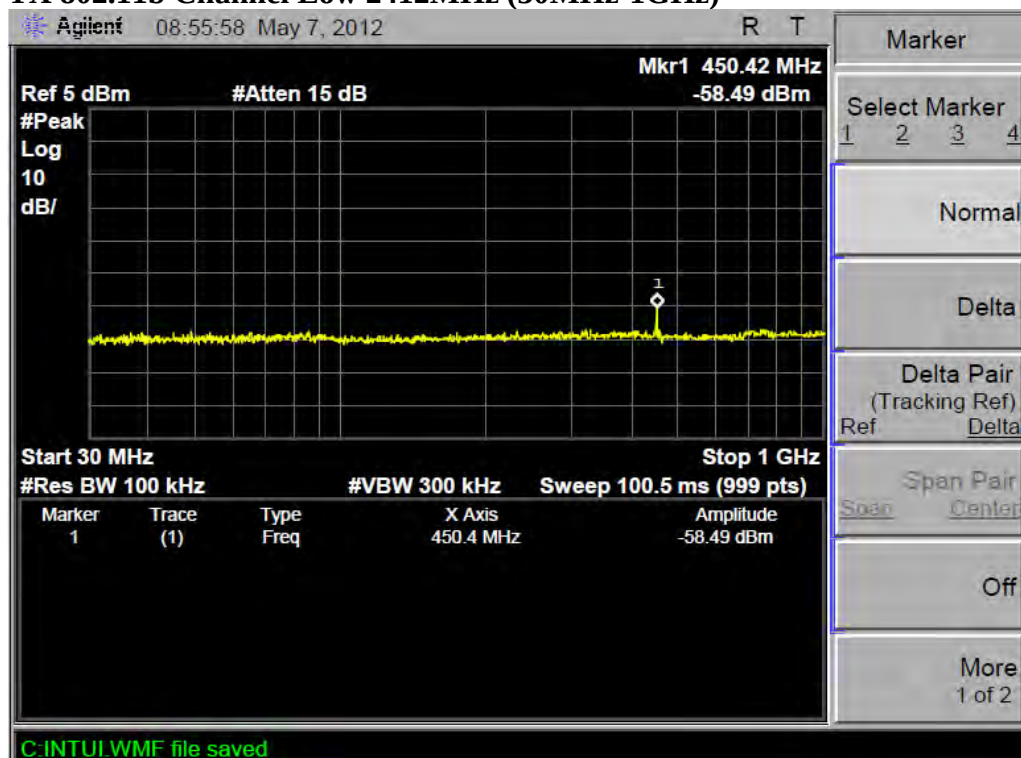
10.5.4.The Conducted Spurious Emission was measured and recorded.

10.6.Test Result

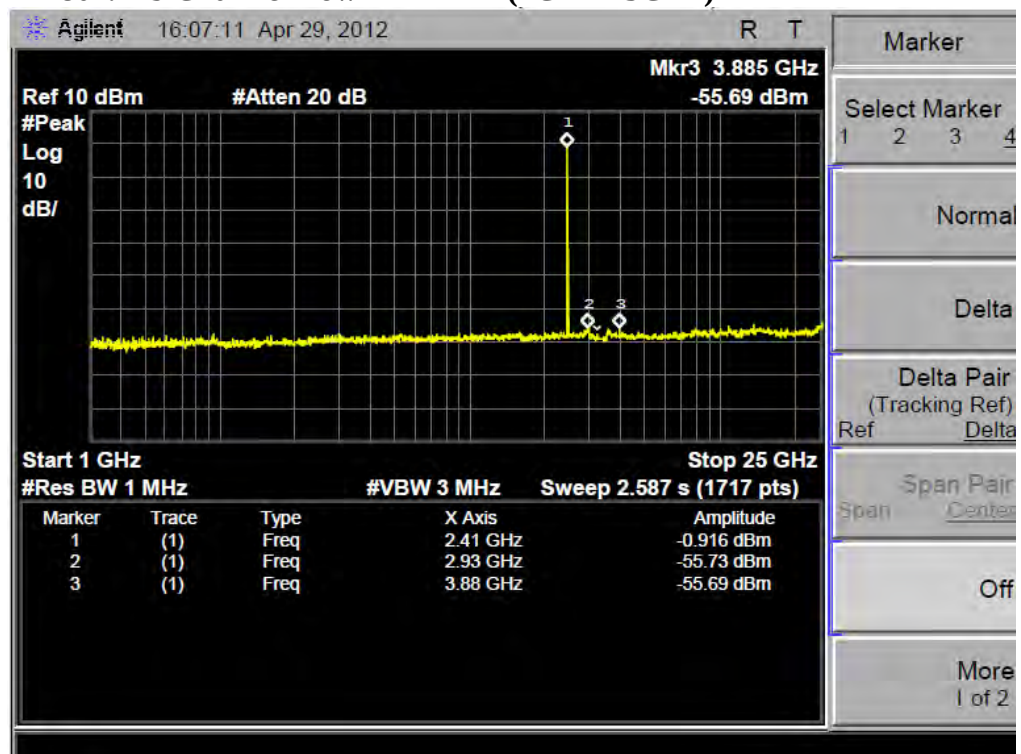
Pass.

The spectrum analyzer plots are attached as below.

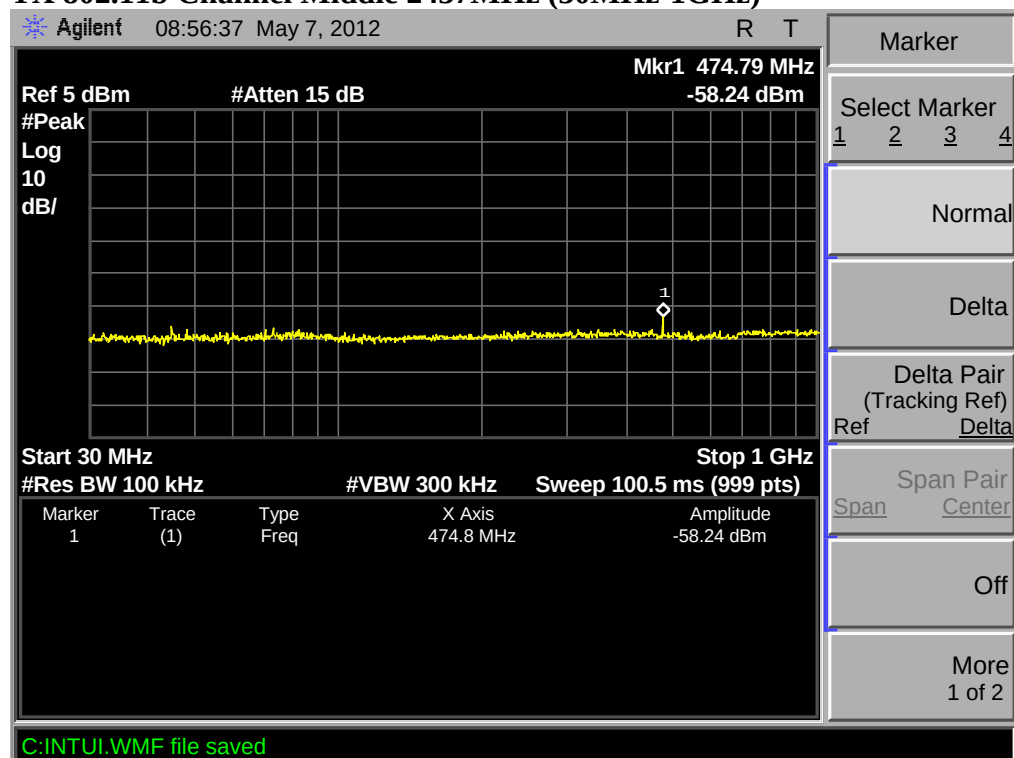
TX 802.11b Channel Low 2412MHz (30MHz-1GHz)



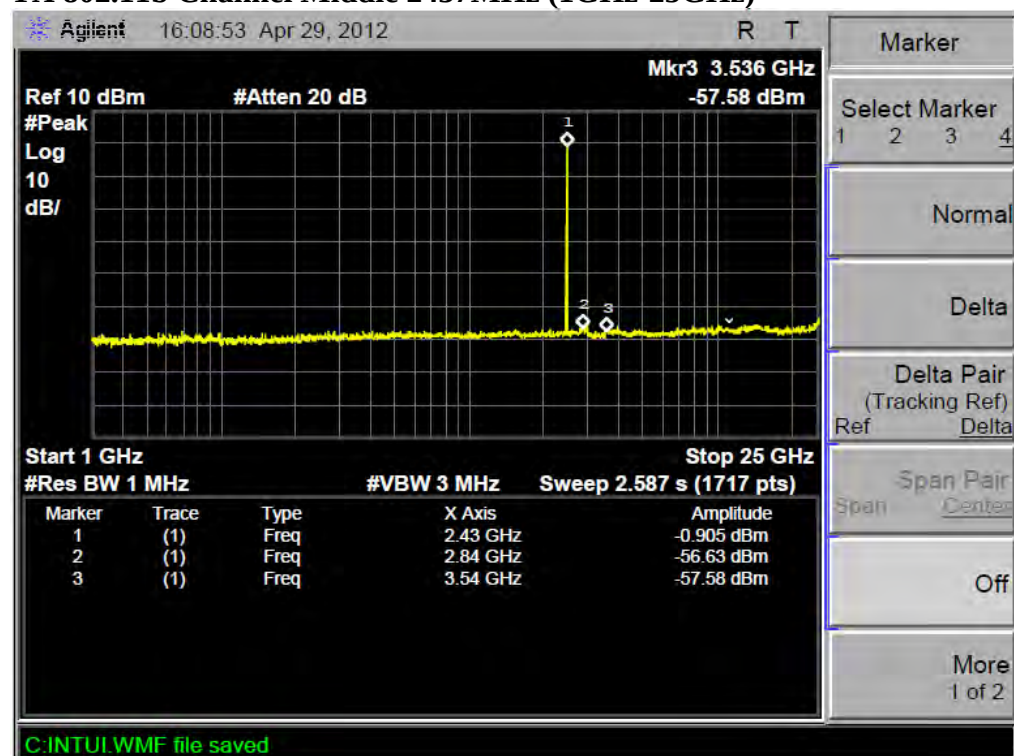
TX 802.11b Channel Low 2412MHz (1GHz-25GHz)



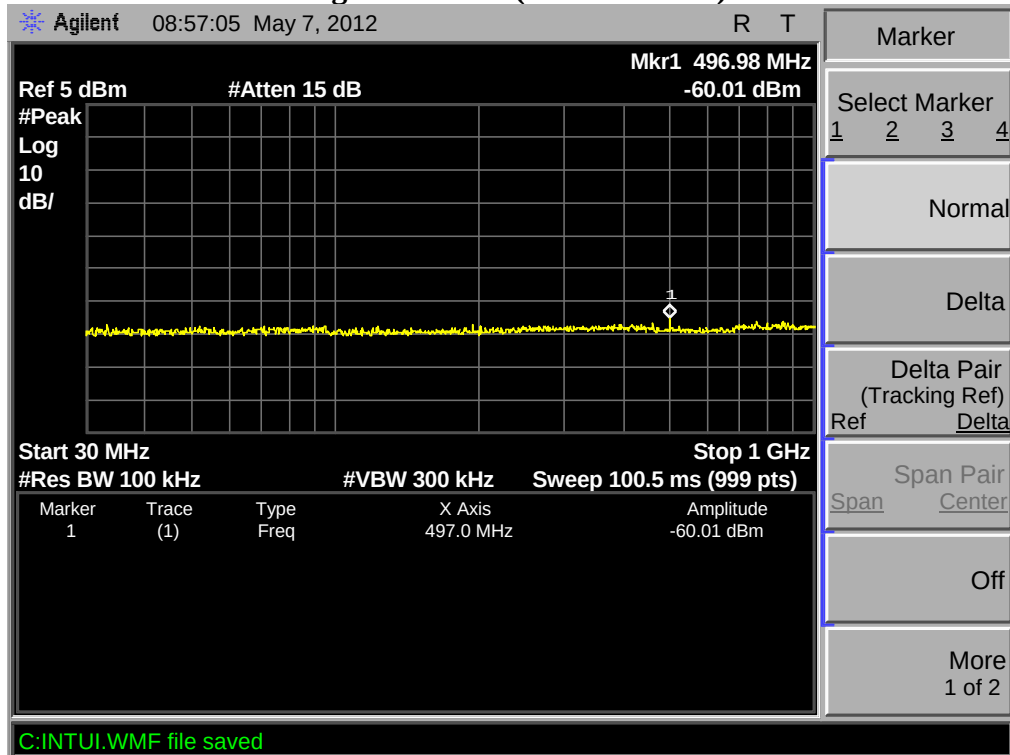
TX 802.11b Channel Middle 2437MHz (30MHz-1GHz)



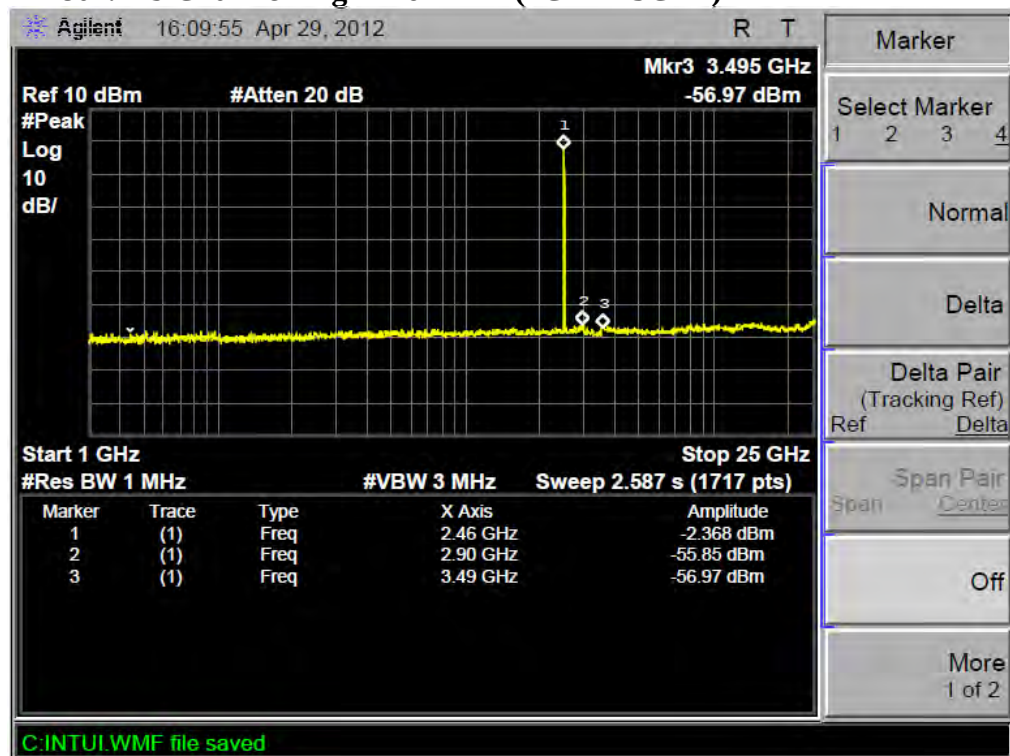
TX 802.11b Channel Middle 2437MHz (1GHz-25GHz)



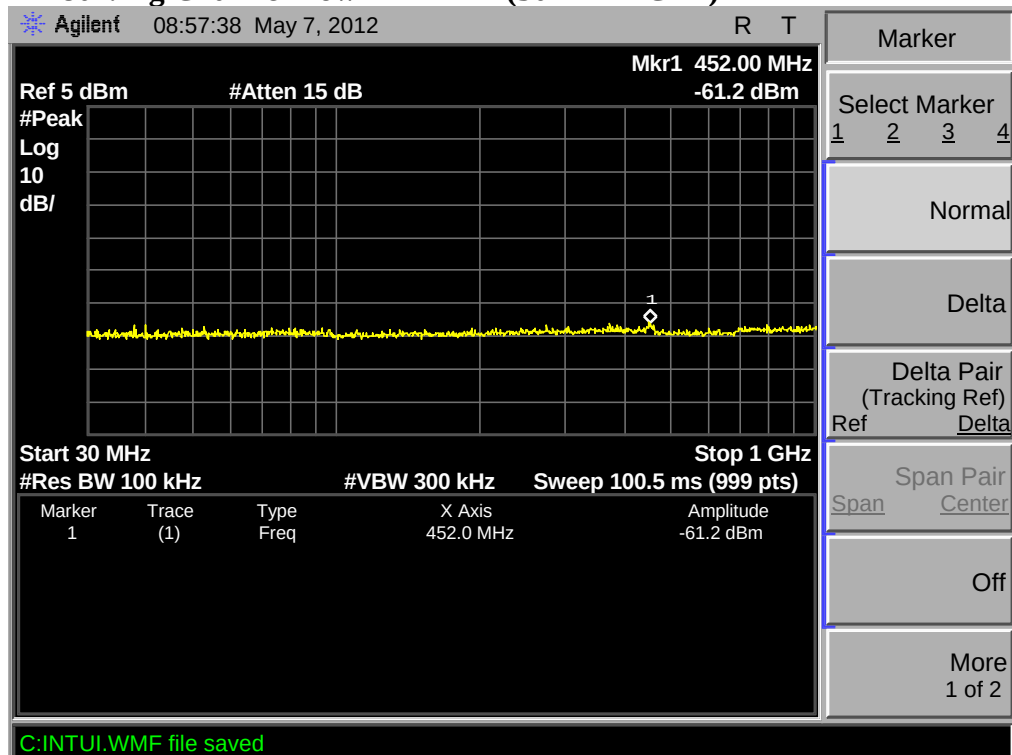
TX 802.11b Channel High 2462MHz (30MHz-1GHz)



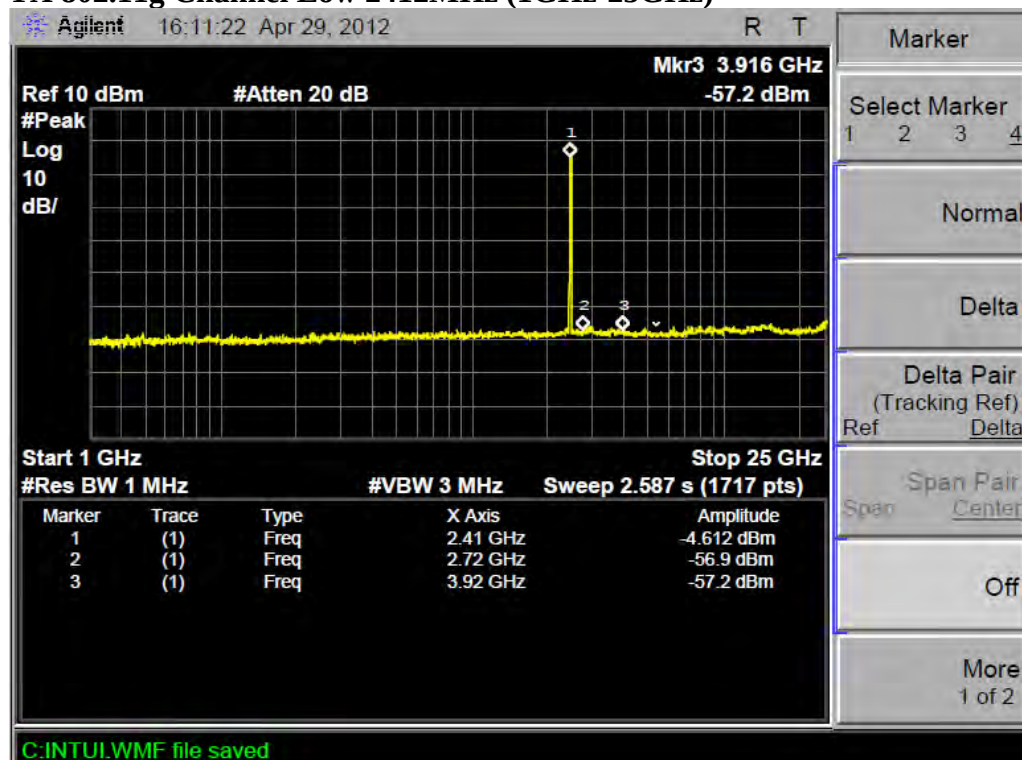
TX 802.11b Channel High 2462MHz (1GHz-25GHz)



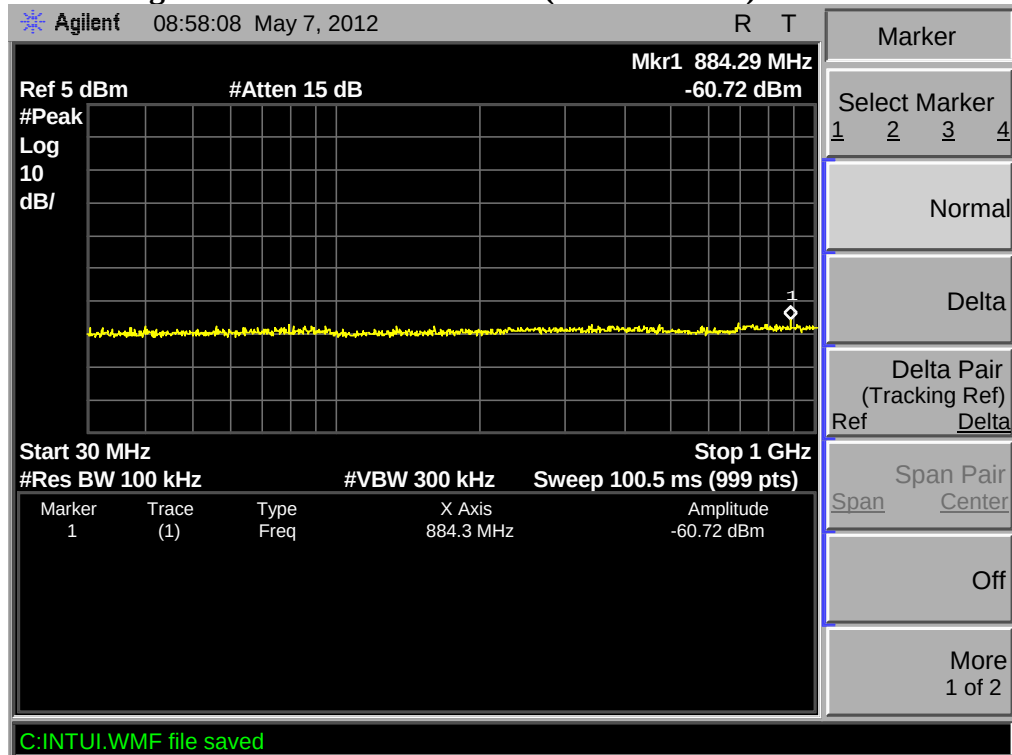
TX 802.11g Channel Low 2412MHz (30MHz-1GHz)



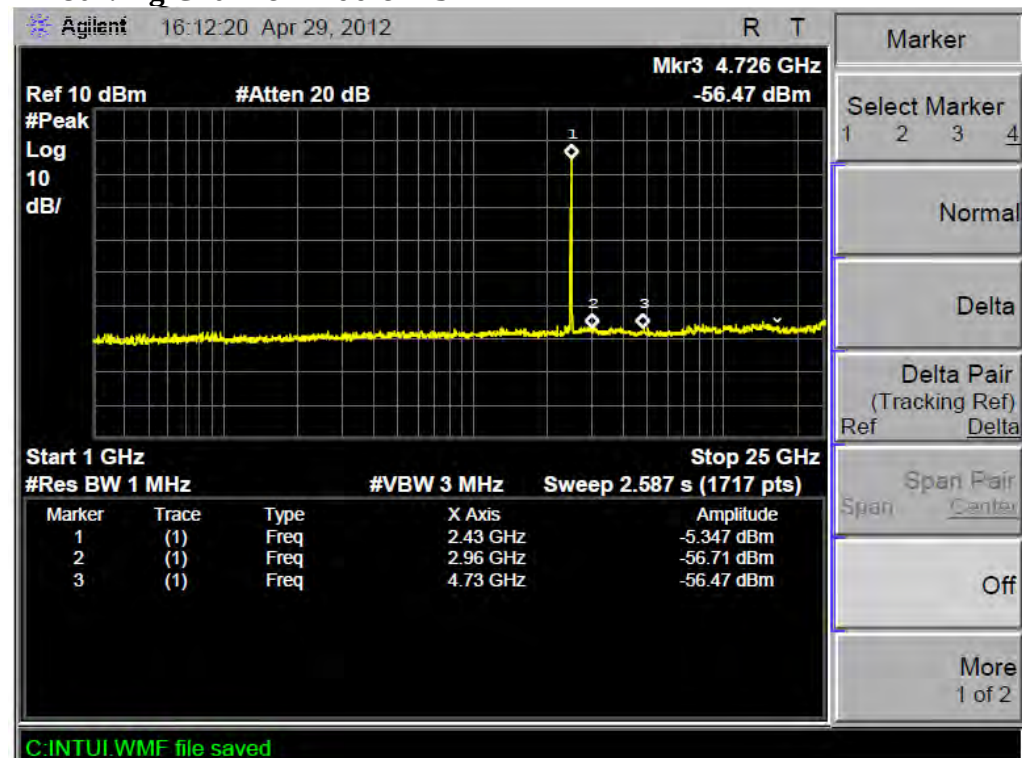
TX 802.11g Channel Low 2412MHz (1GHz-25GHz)



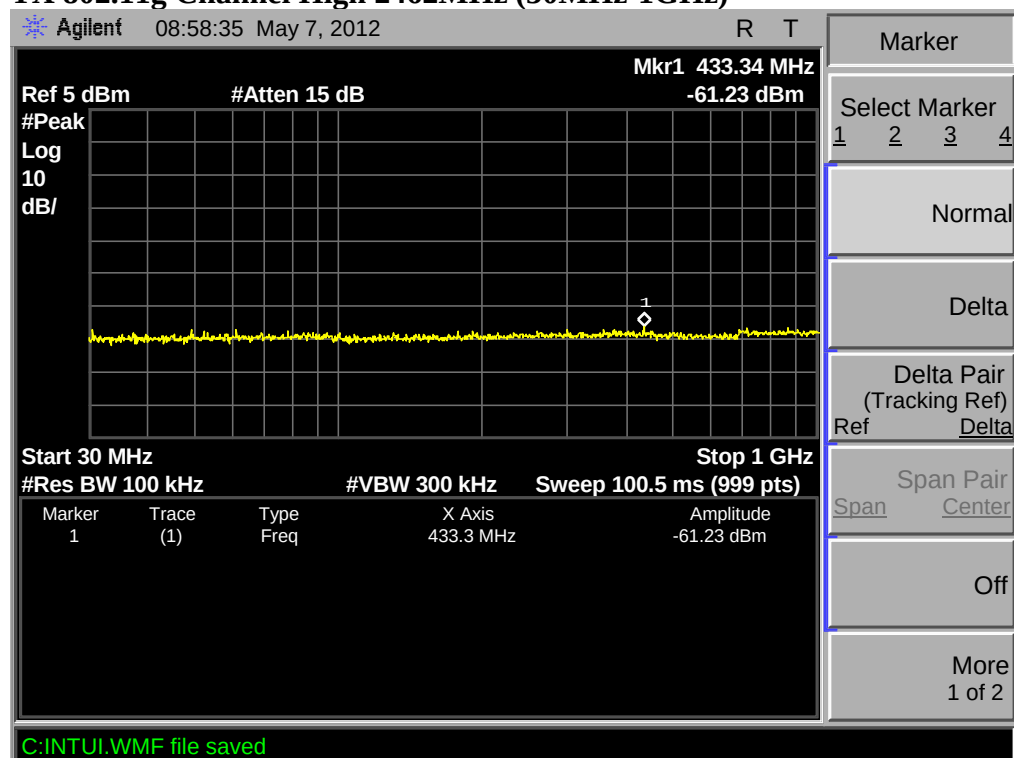
TX 802.11g Channel Middle 2437MHz (30MHz-1GHz)



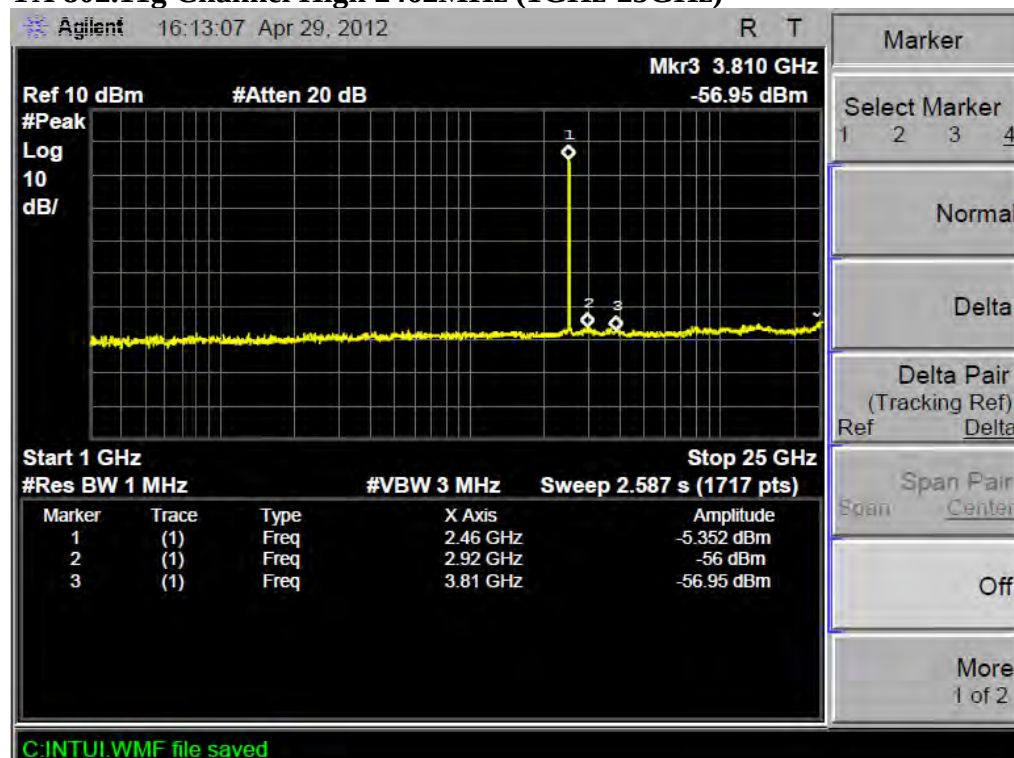
TX 802.11g Channel Middle 2437MHz



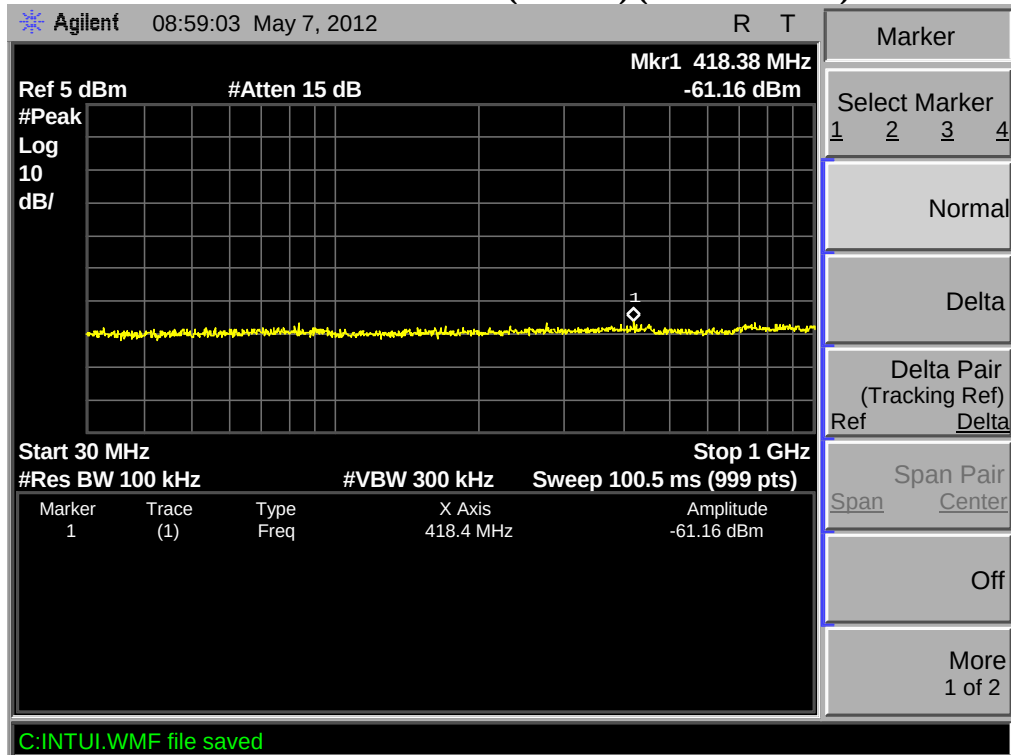
TX 802.11g Channel High 2462MHz (30MHz-1GHz)



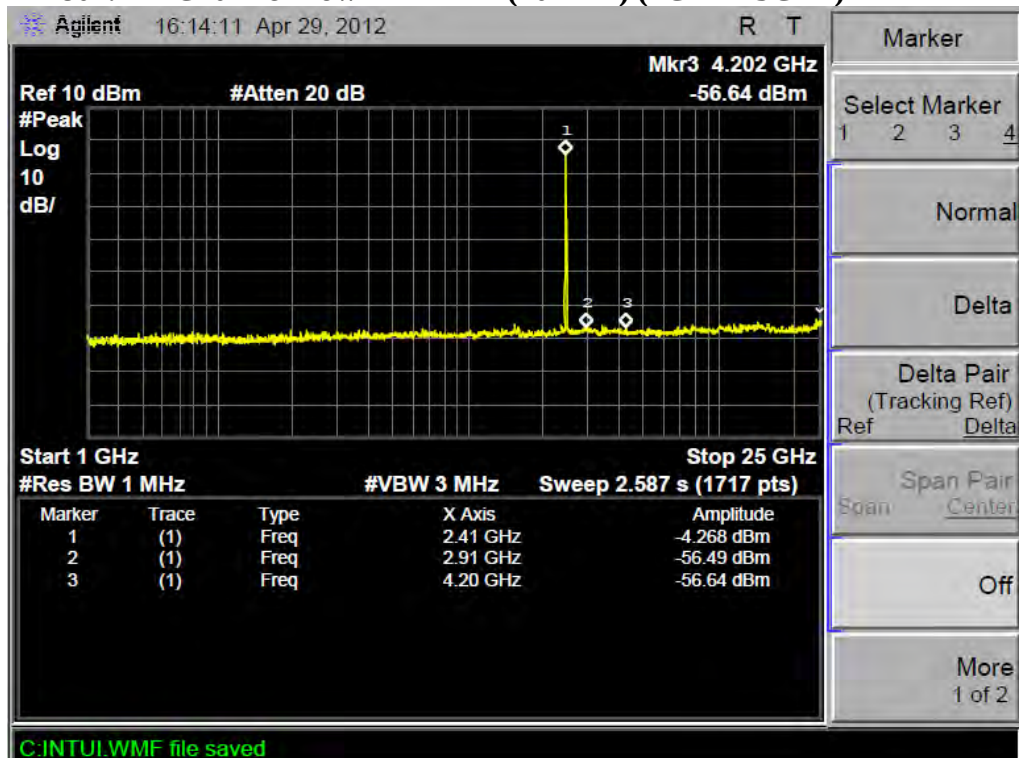
TX 802.11g Channel High 2462MHz (1GHz-25GHz)



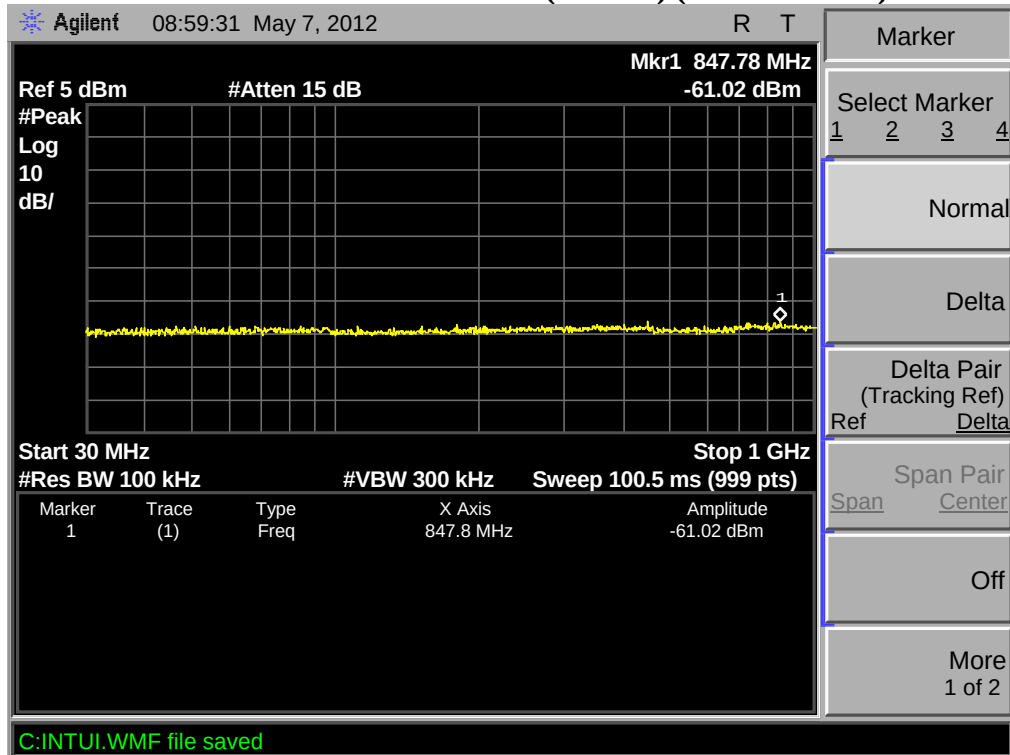
TX 802.11n Channel Low 2412MHz (20MHz) (30MHz-1GHz)



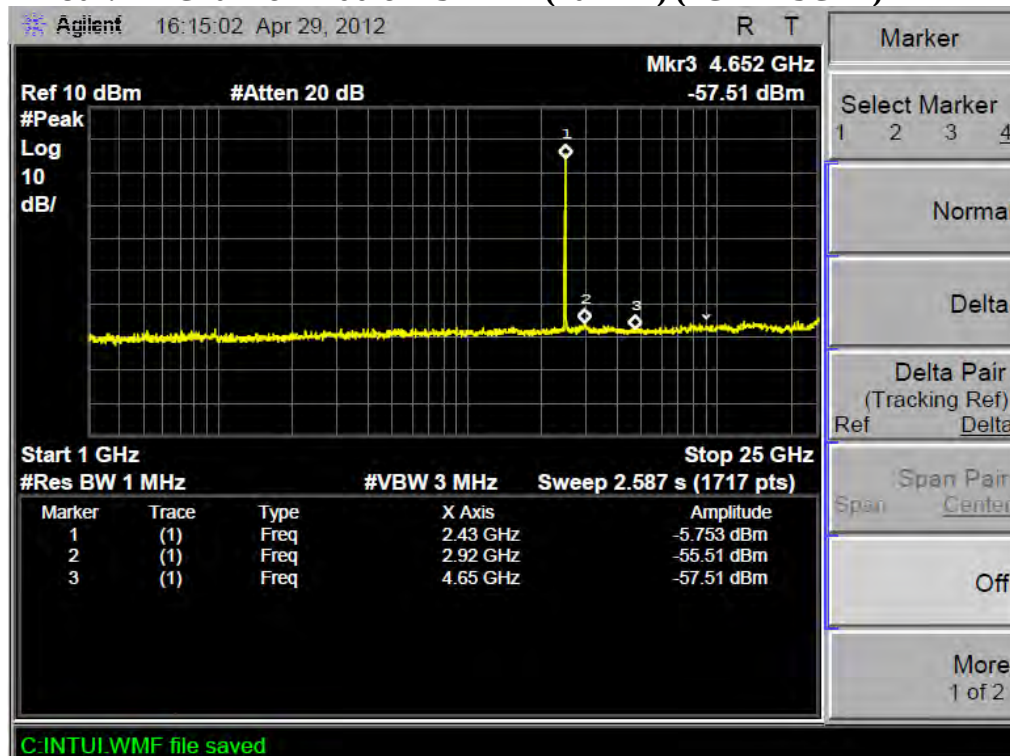
TX 802.11n Channel Low 2412MHz (20MHz) (1GHz-25GHz)



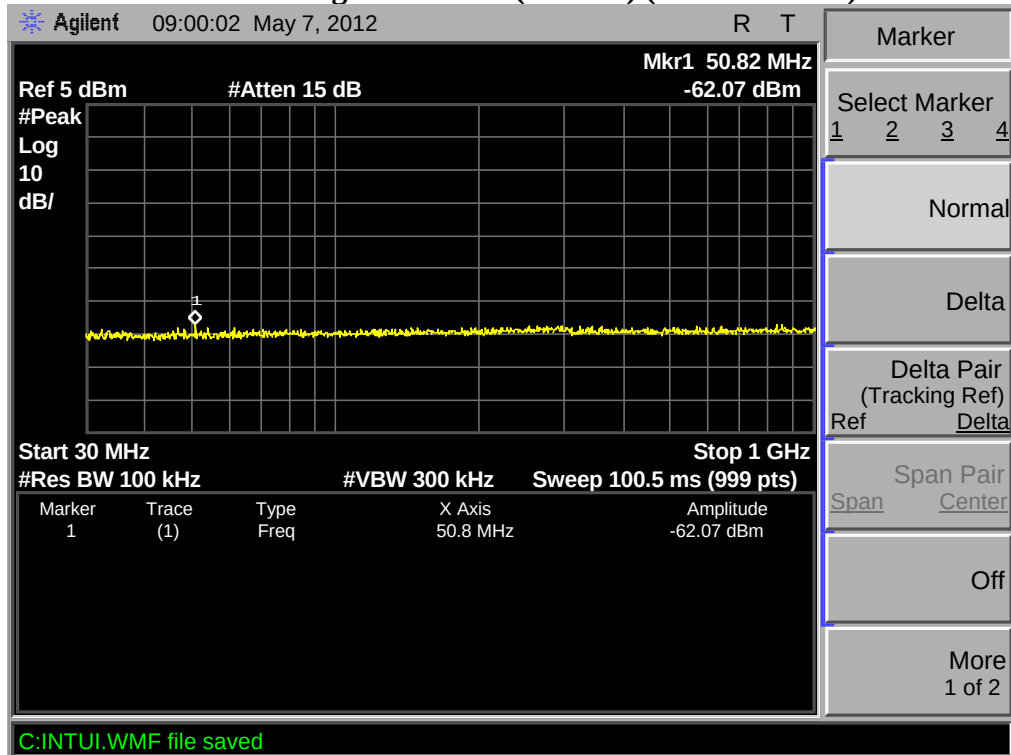
TX 802.11n Channel Middle 2437MHz (20MHz) (30MHz-1GHz)



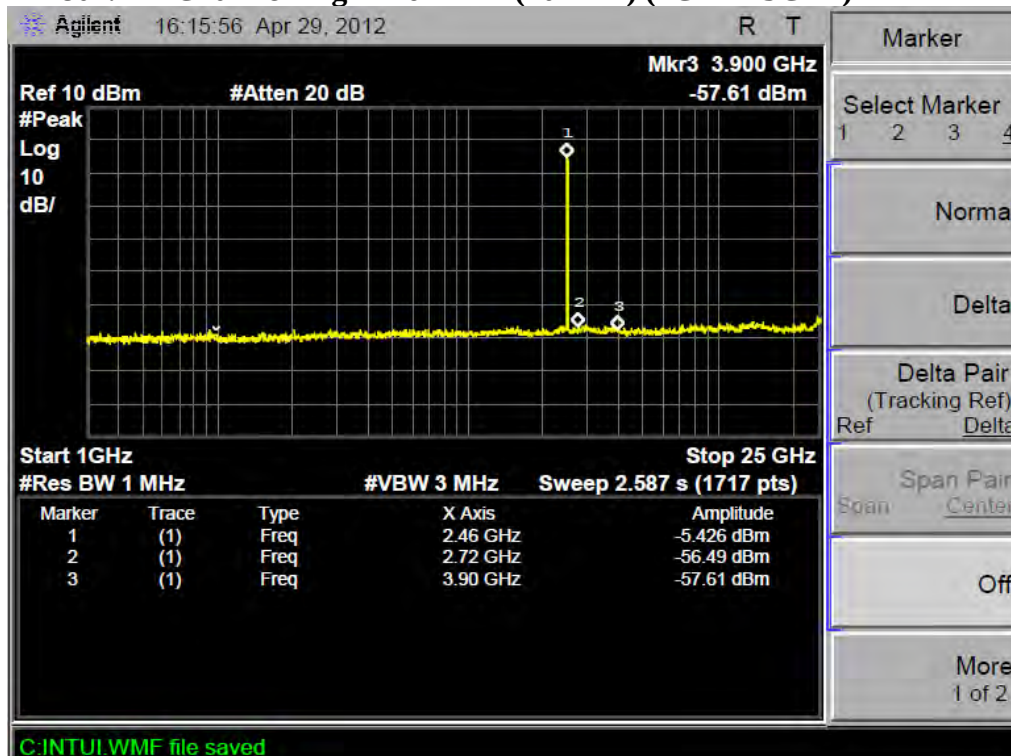
TX 802.11n Channel Middle 2437MHz (20MHz) (1GHz-25GHz)



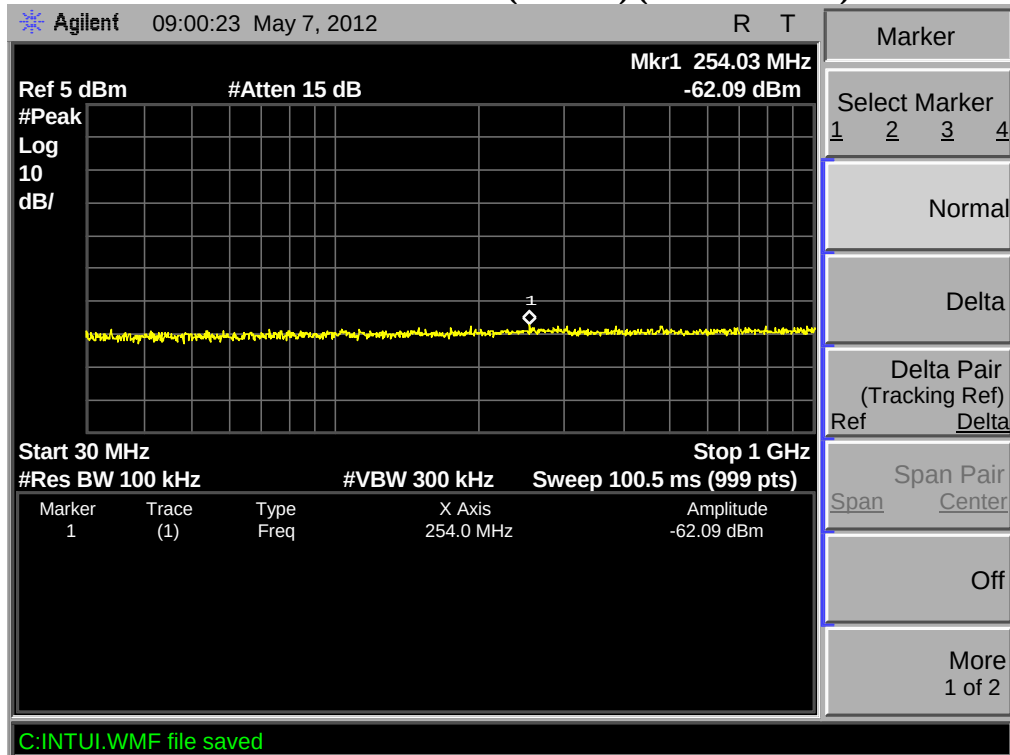
TX 802.11n Channel High 2462MHz (20MHz) (30MHz-1GHz)



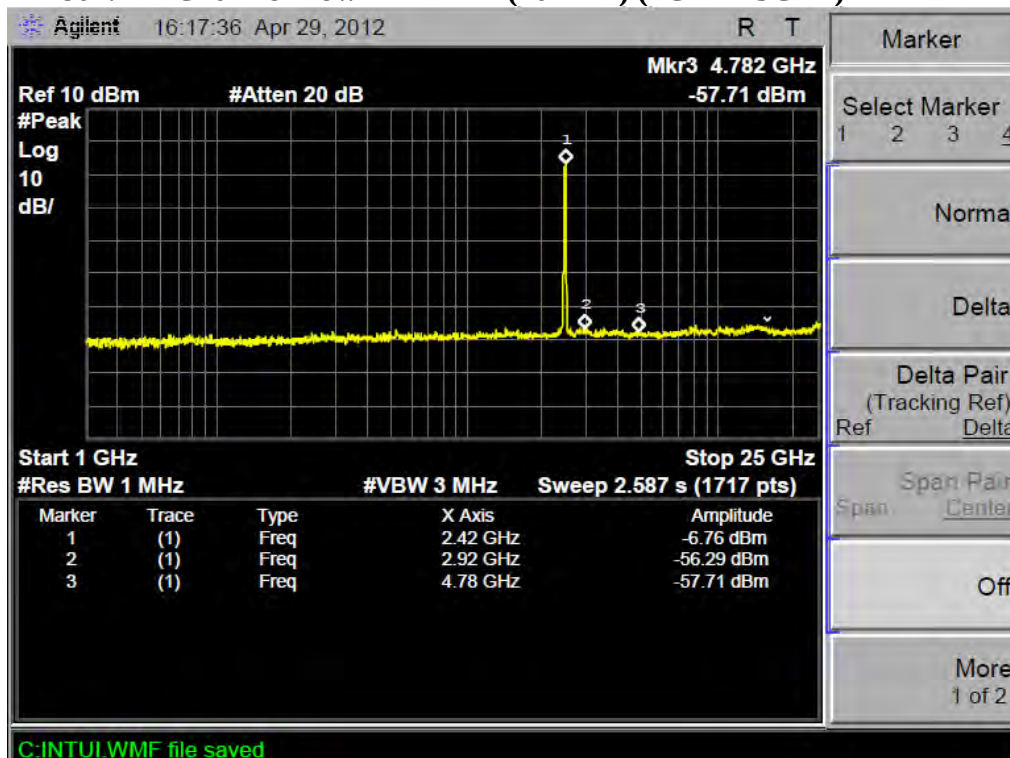
TX 802.11n Channel High 2462MHz (20MHz) (1GHz-25GHz)



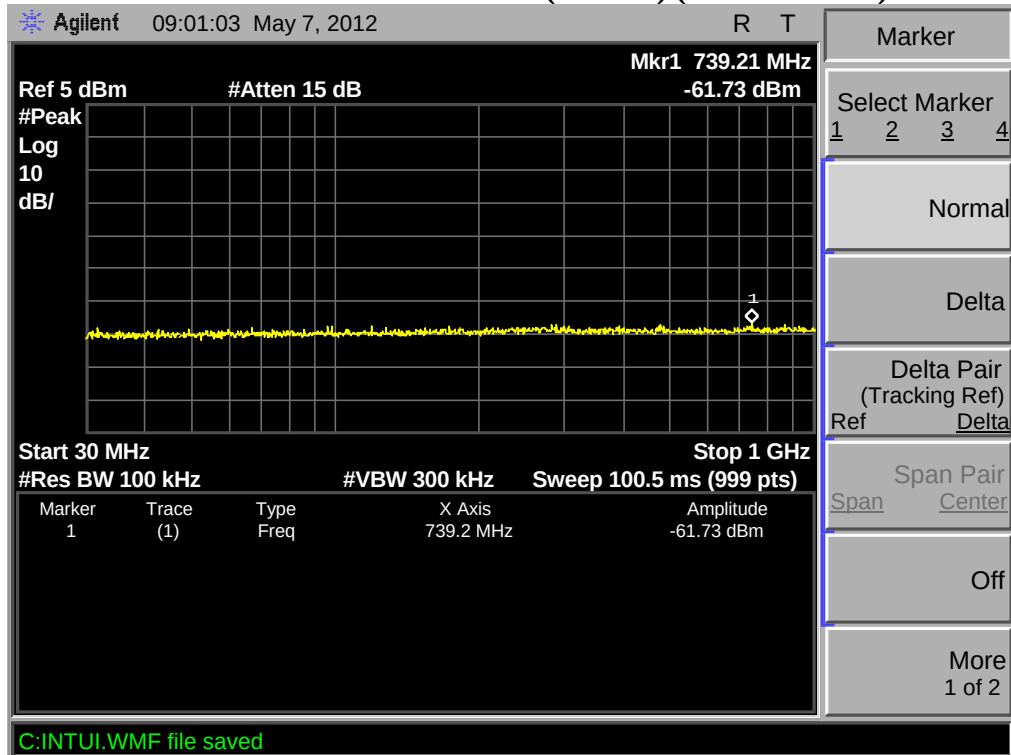
TX 802.11n Channel Low 2422MHz (40MHz) (30MHz-1GHz)



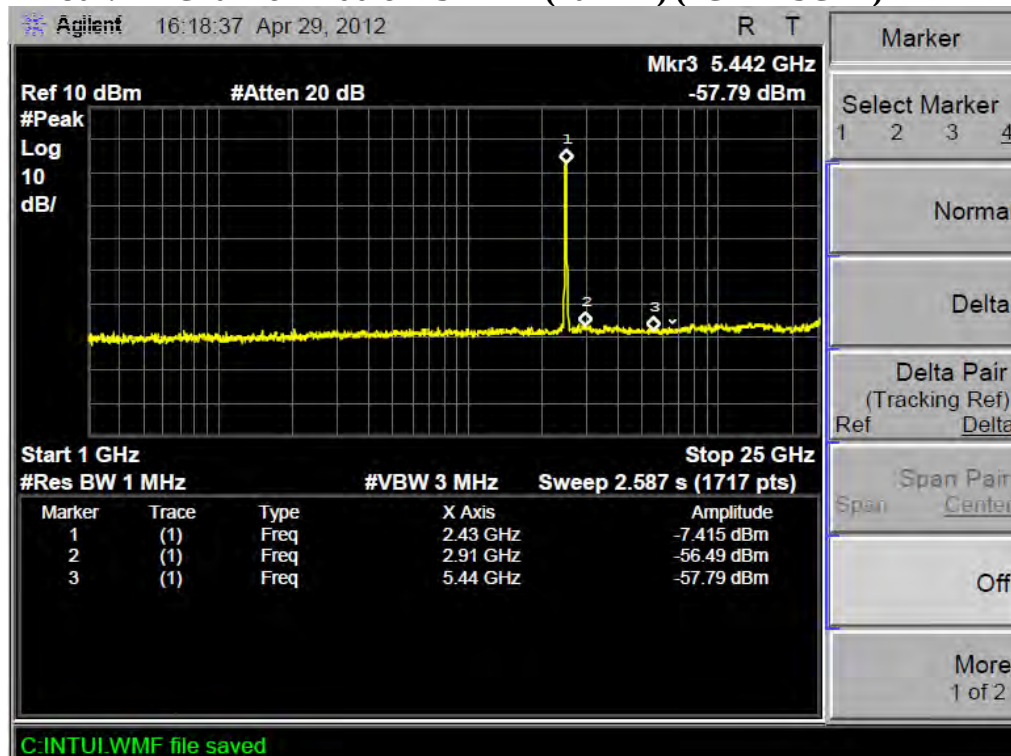
TX 802.11n Channel Low 2422MHz (40MHz) (1GHz-25GHz)



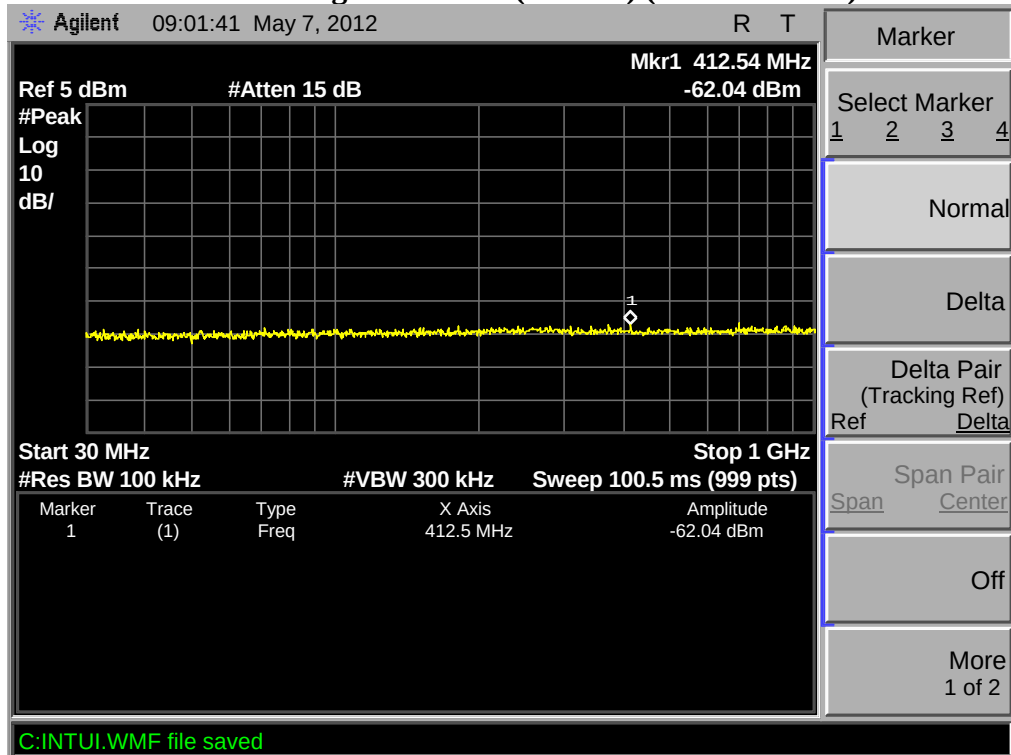
TX 802.11n Channel Middle 2437MHz (40MHz) (30MHz-1GHz)



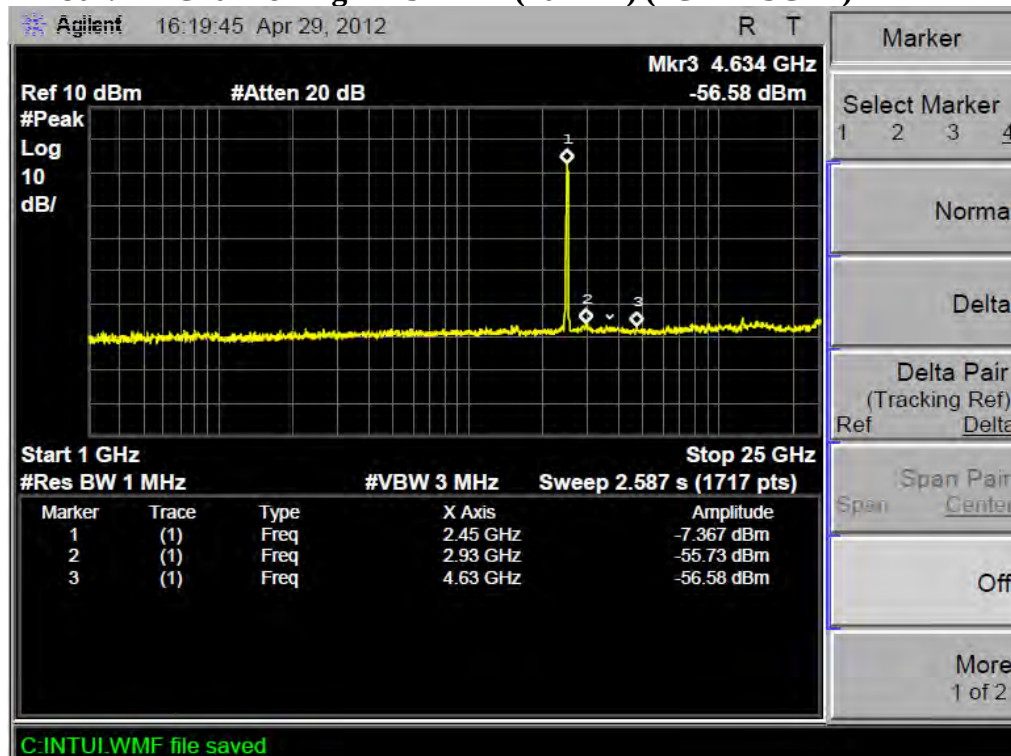
TX 802.11n Channel Middle 2437MHz (40MHz) (1GHz-25GHz)



TX 802.11n Channel High 2452MHz (40MHz) (30MHz-1GHz)



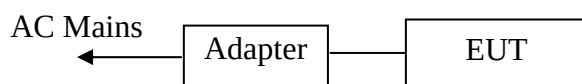
TX 802.11n Channel High 2452MHz (40MHz) (1GHz-25GHz)



11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

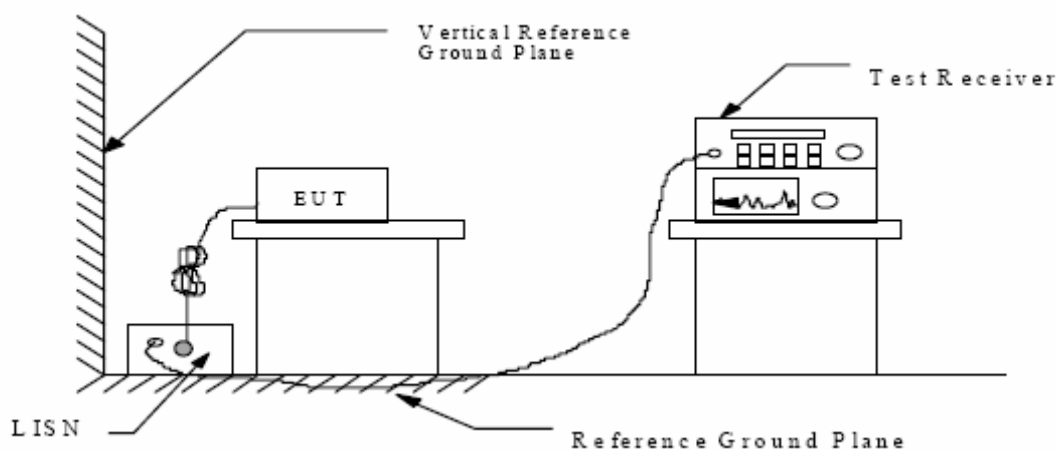
11.1.Block Diagram of Test Setup

11.1.1.Block diagram of connection between the EUT and simulators



(EUT: Creative HanZpad)

11.1.2.Shielding Room Test Setup Diagram



(EUT: Creative HanZpad)

11.2.The Emission Limit

11.2.1.Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

11.3.Configuration of EUT on Measurement

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

11.3.1.Creative HanZpad (EUT)

Model Number : PMT-ZZ0030
Serial Number : N/A
Manufacturer : Creative Technology Ltd

11.4.Operating Condition of EUT

11.4.1.Setup the EUT and simulator as shown as Section 11.1.

11.4.2.Turn on the power of all equipment.

11.4.3.Let the EUT work in TX (Charging) mode measure it.

11.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

11.6.Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	May 8, 2012	Temperature:	25°C
EUT:	Creative HanZpad	Humidity:	50%
Model No.:	PMT-ZZ0030	Power Supply:	AC 120V/60Hz
Test Mode:	Charging	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.184605	44.90	64.3	-19.4	QP	Neutral
0.254063	46.60	61.6	-15.0	QP	
0.325410	43.50	59.6	-16.1	QP	
0.184605	35.40	54.3	-18.9	AV	
0.249042	32.60	51.8	-19.2	AV	
0.315182	30.40	49.8	-19.4	AV	
0.187577	43.90	64.1	-20.2	QP	Live
0.252043	44.80	61.7	-16.9	QP	
0.318980	42.10	59.7	-17.6	QP	
0.189080	34.10	54.1	-20.0	AV	
0.252043	31.70	51.7	-20.0	AV	
0.316443	30.00	49.8	-19.8	AV	

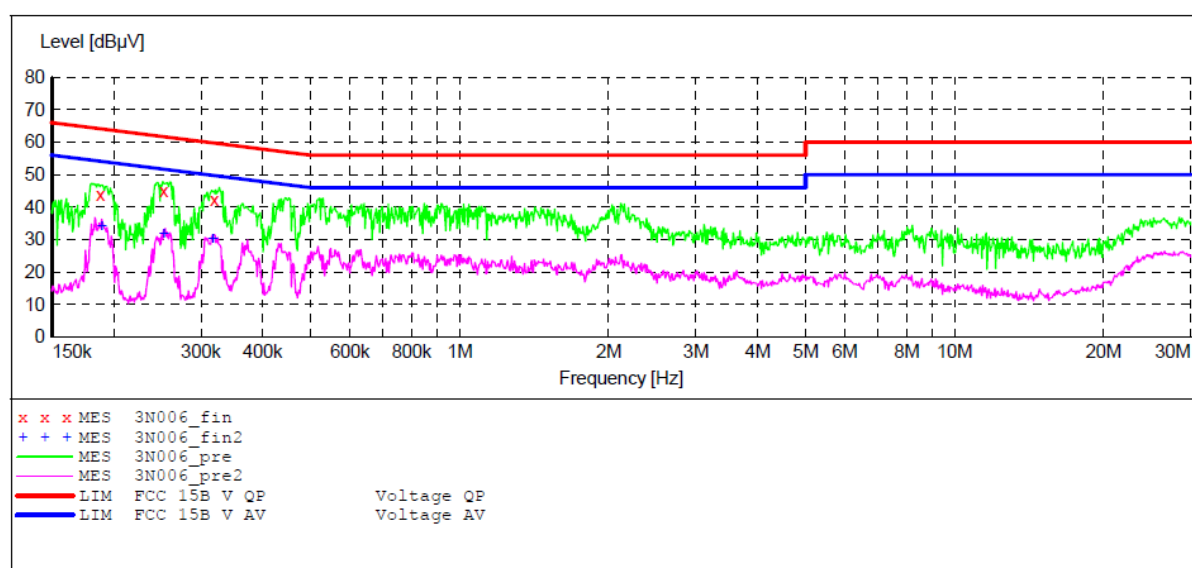
Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Creative HanZpad M/N:PMT-ZZ0030
 Manufacturer: Creative
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: Star
 Test Specification: L 120V/60Hz
 Comment: Report No.:ATE20120871
 Start of Test: 5/8/2012 / 3:33:22PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "3N006_fin"**

5/8/2012 3:35PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.187577	43.90	11.2	64.1	20.2	QP	L1	GND
0.252043	44.80	11.4	61.7	16.9	QP	L1	GND
0.318980	42.10	11.6	59.7	17.6	QP	L1	GND

MEASUREMENT RESULT: "3N006_fin2"

5/8/2012 3:35PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.189080	34.10	11.2	54.1	20.0	AV	L1	GND
0.252043	31.70	11.4	51.7	20.0	AV	L1	GND
0.316443	30.00	11.6	49.8	19.8	AV	L1	GND

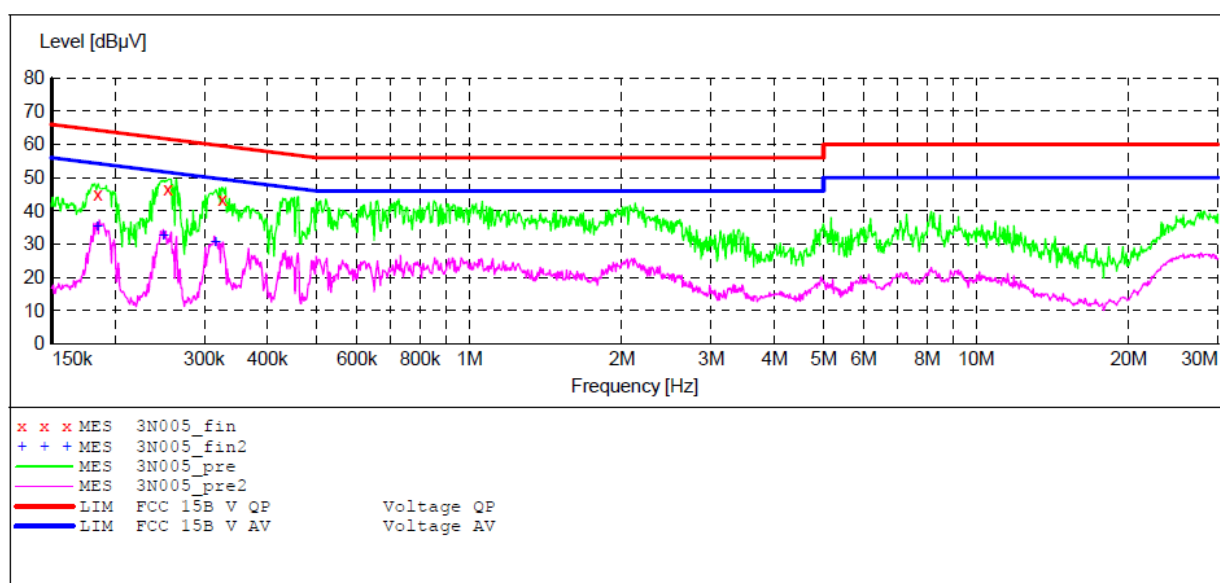
ACCURATE TECHNOLOGY CO., LTD**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Creative HanZpad M/N:PMT-ZZ0030
 Manufacturer: Creative
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: Star
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20120871
 Start of Test: 5/8/2012 / 3:30:47PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						

**MEASUREMENT RESULT: "3N005_fin"**

5/8/2012 3:32PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.184605	44.90	11.2	64.3	19.4	QP	N	GND
0.254063	46.60	11.4	61.6	15.0	QP	N	GND
0.325410	43.50	11.6	59.6	16.1	QP	N	GND

MEASUREMENT RESULT: "3N005_fin2"

5/8/2012 3:32PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.184605	35.40	11.2	54.3	18.9	AV	N	GND
0.249042	32.60	11.4	51.8	19.2	AV	N	GND
0.315182	30.40	11.6	49.8	19.4	AV	N	GND

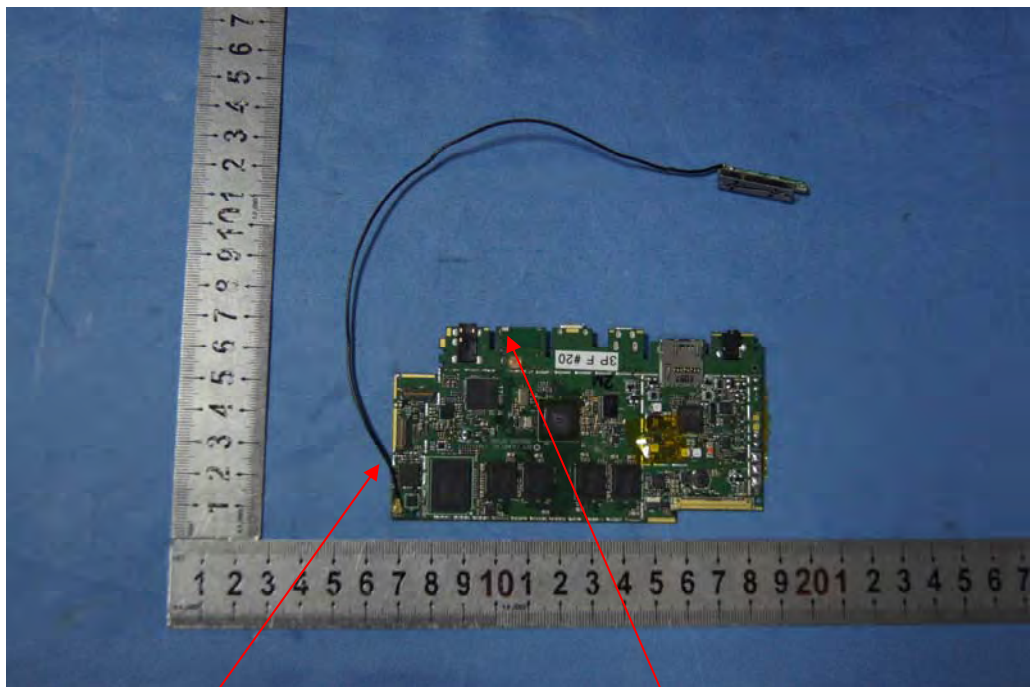
12.ANTENNA REQUIREMENT

12.1.The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

12.2.Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.



GPS Antenna

Both Bluetooth and WLAN use the Antenna