

APPLICATION CERTIFICATION FCC Part 15C
On Behalf of
GLOBAL CIRCUIT (SHENZHEN) Co., Ltd

10 inch Tablet PC
Model No.:TB1082B, B10 (A-Z-)-XX, HM-101F

FCC ID: P7U-TB1082B

Prepared for : GLOBAL CIRCUIT(SHENZHEN)CO.,LTD
Address : Floor#2-3,Baoyunda Building#2,Qianjin Road#2,Bao`an,
Shenzhen, China

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

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

Report Number : ATE20121579
Date of Test : Jul 16- Aug 2, 2012
Date of Report : Aug 2, 2012

TABLE OF CONTENTS

Description Page

Test Report Certification

1. GENERAL INFORMATION	5
1.1. Description of Device (EUT).....	5
1.2. Carrier Frequency of Channels	6
1.3. Special Accessory and Auxiliary Equipment	6
1.4. Description of Test Facility	7
1.5. Measurement Uncertainty	7
2. MEASURING DEVICE AND TEST EQUIPMENT	8
3. OPERATION OF EUT DURING TESTING	9
3.1. Operating Mode	9
3.2. Configuration and peripherals	10
4. TEST PROCEDURES AND RESULTS	11
5. 6DB BANDWIDTH MEASUREMENT	12
5.1. Block Diagram of Test Setup.....	12
5.2. The Requirement For Section 15.247(a)(2).....	12
5.3. EUT Configuration on Measurement	12
5.4. Operating Condition of EUT	12
5.5. Test Procedure	13
5.6. Test Result	13
6. MAXIMUM PEAK OUTPUT POWER	27
6.1. Block Diagram of Test Setup.....	27
6.2. The Requirement For Section 15.247(b)(3).....	27
6.3. EUT Configuration on Measurement	27
6.4. Operating Condition of EUT	27
6.5. Test Procedure	28
6.6. Test Result	28
7. POWER SPECTRAL DENSITY MEASUREMENT	42
7.1. Block Diagram of Test Setup.....	42
7.2. The Requirement For Section 15.247(e).....	42
7.3. EUT Configuration on Measurement	42
7.4. Operating Condition of EUT	42
7.5. Test Procedure	43
7.6. Test Result	43
8. BAND EDGE COMPLIANCE TEST	57
8.1. Block Diagram of Test Setup.....	57
8.2. The Requirement For Section 15.247(d)	57
8.3. EUT Configuration on Measurement	57
8.4. Operating Condition of EUT	58
8.5. Test Procedure	58
8.6. Test Result	59
9. RADIATED SPURIOUS EMISSION TEST	92
9.1. Block Diagram of Test Setup.....	92
9.2. The Limit For Section 15.247(d)	93
9.3. Restricted bands of operation	93
9.4. Configuration of EUT on Measurement	94

9.5.	Operating Condition of EUT	94
9.6.	Test Procedure	94
9.7.	The Field Strength of Radiation Emission Measurement Results	95
10.	CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST	179
10.1.	Block Diagram of Test Setup.....	179
10.2.	The Requirement For Section 15.247(d)	179
10.3.	EUT Configuration on Measurement	179
10.4.	Operating Condition of EUT	180
10.5.	Test Procedure	180
10.6.	Test Result	180
11.	AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)	193
11.1.	Block Diagram of Test Setup.....	193
11.2.	The Emission Limit	193
11.3.	Configuration of EUT on Measurement	194
11.4.	Operating Condition of EUT	194
11.5.	Test Procedure	194
11.6.	Power Line Conducted Emission Measurement Results	195
12.	ANTENNA REQUIREMENT.....	198
12.1.	The Requirement	198
12.2.	Antenna Construction	198

Test Report Certification

Applicant : GLOBAL CIRCUIT (SHENZHEN) CO., LTD

Manufacturer : GLOBAL CIRCUIT (SHENZHEN) CO., LTD

EUT Description : 10 inch Tablet PC

(A) MODEL NO.: TB1082B, B10(A-Z)-XX, HM-101F

(Note: These samples are same except for the appearance is difference. So we prepare the TB1082B for FCC test.)

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 3.7V (Li-polymer battery) & AC 120V/60Hz
(Adapter input)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.247

ANSI C63.4: 2003

KDB 558074 D01 DTS Meas Guidance v01

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 : Jul 16-Aug 2, 2012

Prepared by :

Terry. Yang

(Engineer)

Approved & Authorized Signer :

Heungh

(Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	10 inch Tablet PC
Model Number	:	TB1082B, B10(A-Z)-XX, HM-101F (Note: These samples are same except for the appearance is difference. So we prepare the TB1082B for FCC test.)
Frequency Range	:	802.11b/g/n(20MHz): 2412-2462MHz 802.11n(40MHz): 2422-2452MHz
Number of Channels	:	802.11b/g/n (20MHz):11 802.11n (40MHz): 7
Antenna Gain	:	2.5dBi
Power Supply	:	DC 3.7V (Li-polymer battery) & AC 120V/60Hz (Adapter input)
Adapter	:	Model number: CPS012A05200U Input: AC 100-240V; 50/60Hz 0.3A Max Output: DC 5V; 2000mA
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	:	GLOBAL CIRCUIT(SHENZHEN)CO.,LTD
Address	:	Floor#2-3,Baoyunda Building#2, Qianjin Road#2, Bao`an, Shenzhen, China
Manufacturer	:	GLOBAL CIRCUIT(SHENZHEN)CO.,LTD
Address	:	Floor#2-3,Baoyunda Building#2, Qianjin Road#2, Bao` an, Shenzhen, China
Date of sample received	:	Jul 16, 2012
Date of Test	:	Jul 16-Aug 2, 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.Special Accessory and Auxiliary Equipment

N/A

1.4. Description of Test Facility

EMC Lab	: Accredited by TUV Rheinland Shenzhen
	Listed by FCC
	The Registration Number is 752051
	Listed by Industry Canada
	The Registration Number is 5077A-2
	Accredited by China National Accreditation Committee for Laboratories
	The Certificate Registration Number is L3193
Name of Firm	: ACCURATE TECHNOLOGY CO. LTD
Site Location	: F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China

1.5. Measurement Uncertainty

Conducted Emission Expanded Uncertainty	= 2.23dB, k=2
Radiated emission expanded uncertainty (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: **802.11b Transmitting mode**

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

802.11g Transmitting mode

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

802.11n (20MHz) Transmitting mode

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

802.11n (40MHz) Transmitting mode

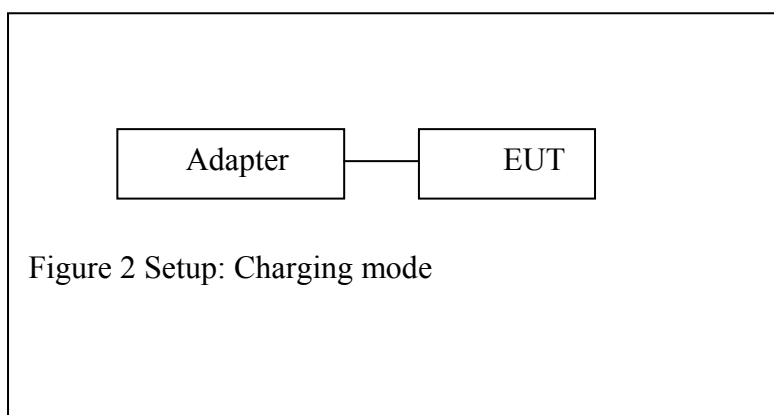
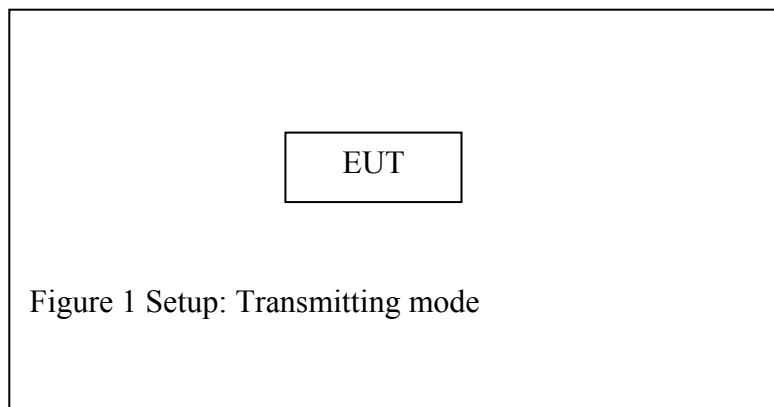
Low Channel: 2422MHz

Middle Channel: 2437MHz

High Channel: 2452MHz

Charging

3.2.Configuration and peripherals

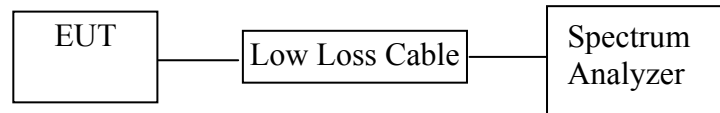


4. TEST PROCEDURES AND RESULTS

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: 10 inch Tablet PC)

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

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

5.3. EUT Configuration on Measurement

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

5.3.1. 10 inch Tablet PC (EUT)

Model Number : TB1082B
 Serial Number : N/A
 Manufacturer : GLOBAL CIRCUIT(SHENZHEN),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 300 kHz and VBW to 1000 kHz.

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

5.6. Test Result

PASS.

Date of Test:	Jul 30, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Ricky

The test was performed with 802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low 2412		10.24	> 0.5MHz
Middle 2437		10.24	> 0.5MHz
High 2462		10.24	> 0.5MHz

The test was performed with 802.11g

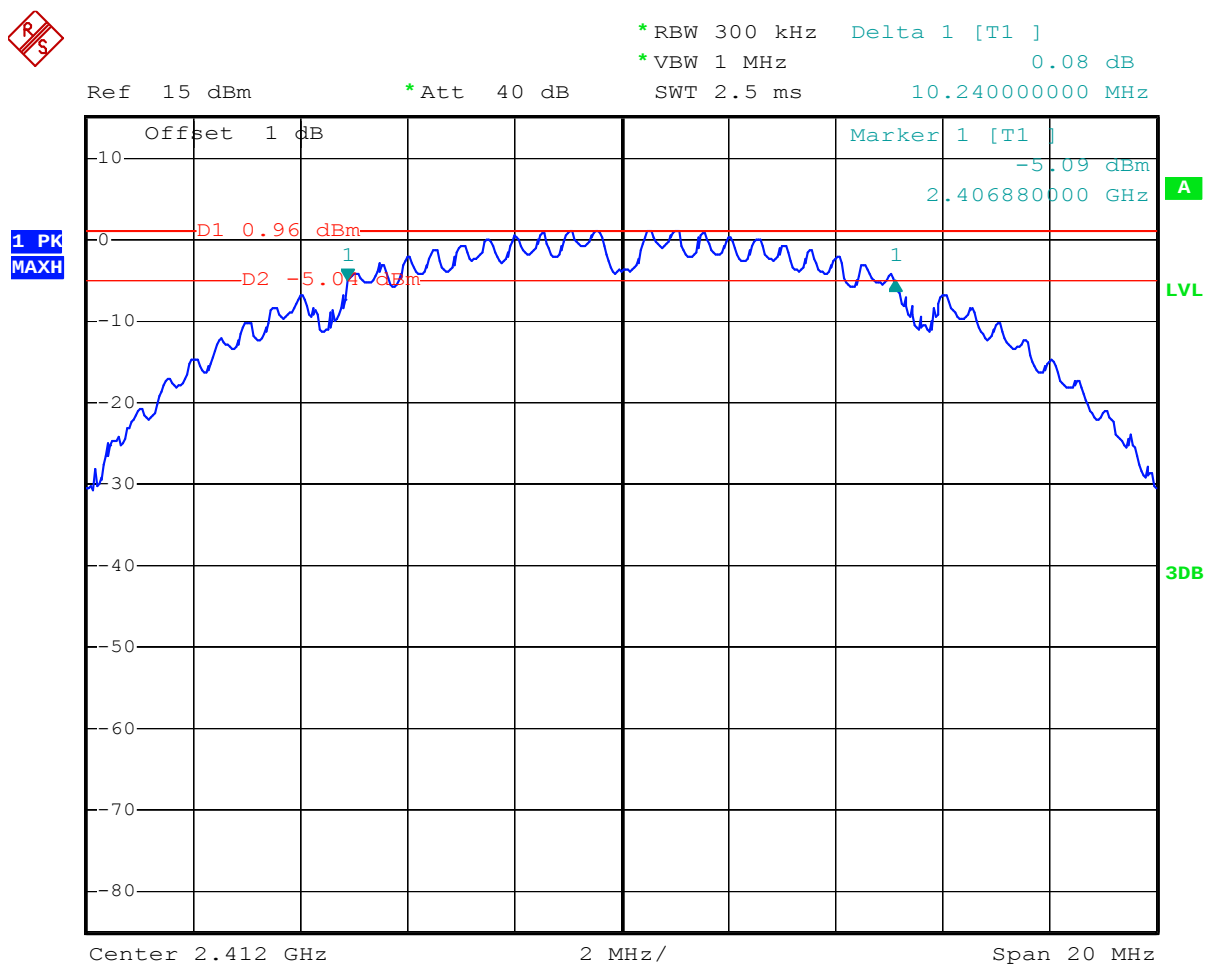
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low 2412		16.56	> 0.5MHz
Middle 2437		16.64	> 0.5MHz
High 2462		16.64	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 20 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low 2412		17.88	> 0.5MHz
Middle 2437		17.84	> 0.5MHz
High 2462		17.84	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 40 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low 2422		36.72	> 0.5MHz
Middle 2437		36.72	> 0.5MHz
High 2452		36.56	> 0.5MHz

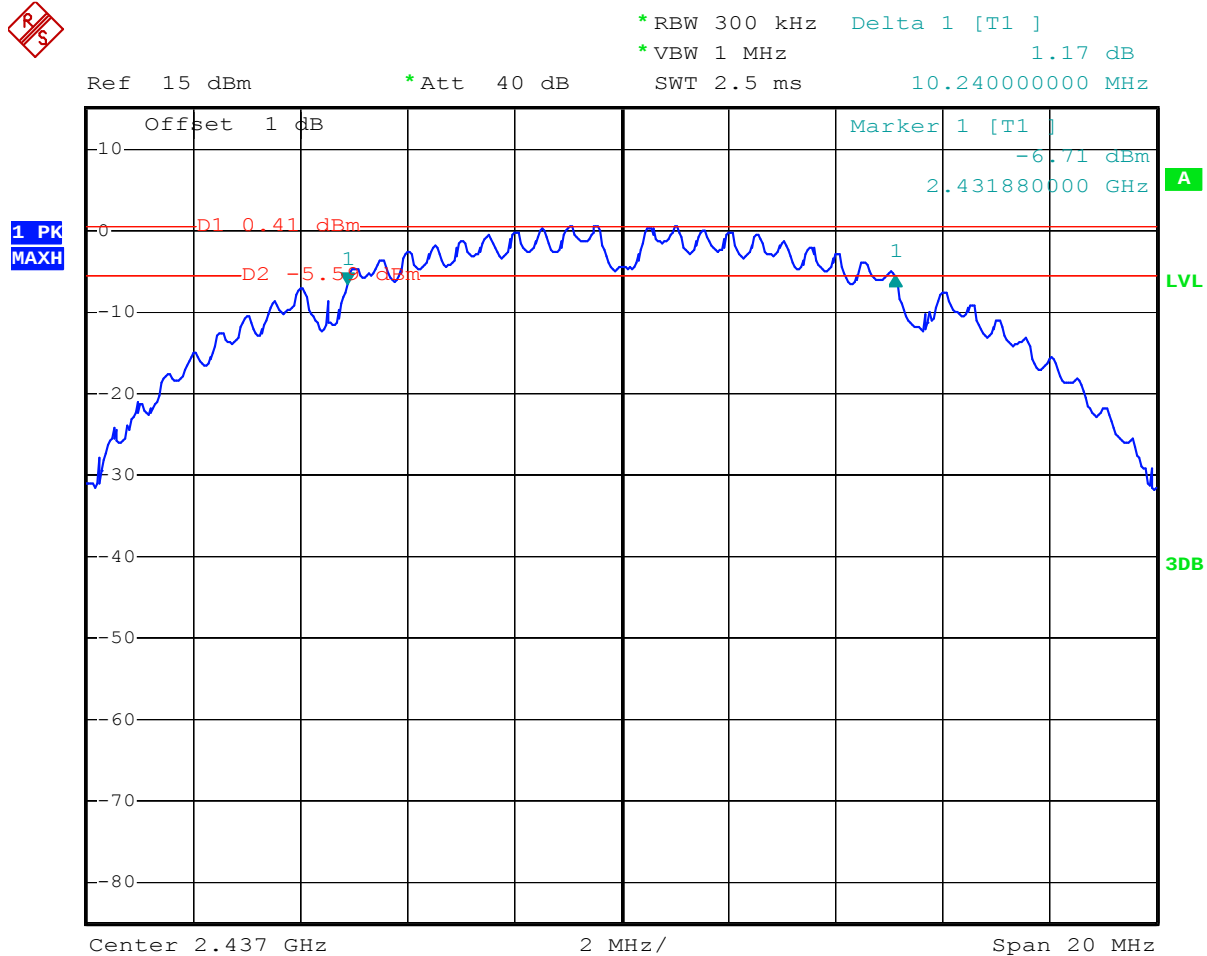
The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



Date: 30.JUL.2012 09:09:40

802.11b Channel Middle 2437MHz

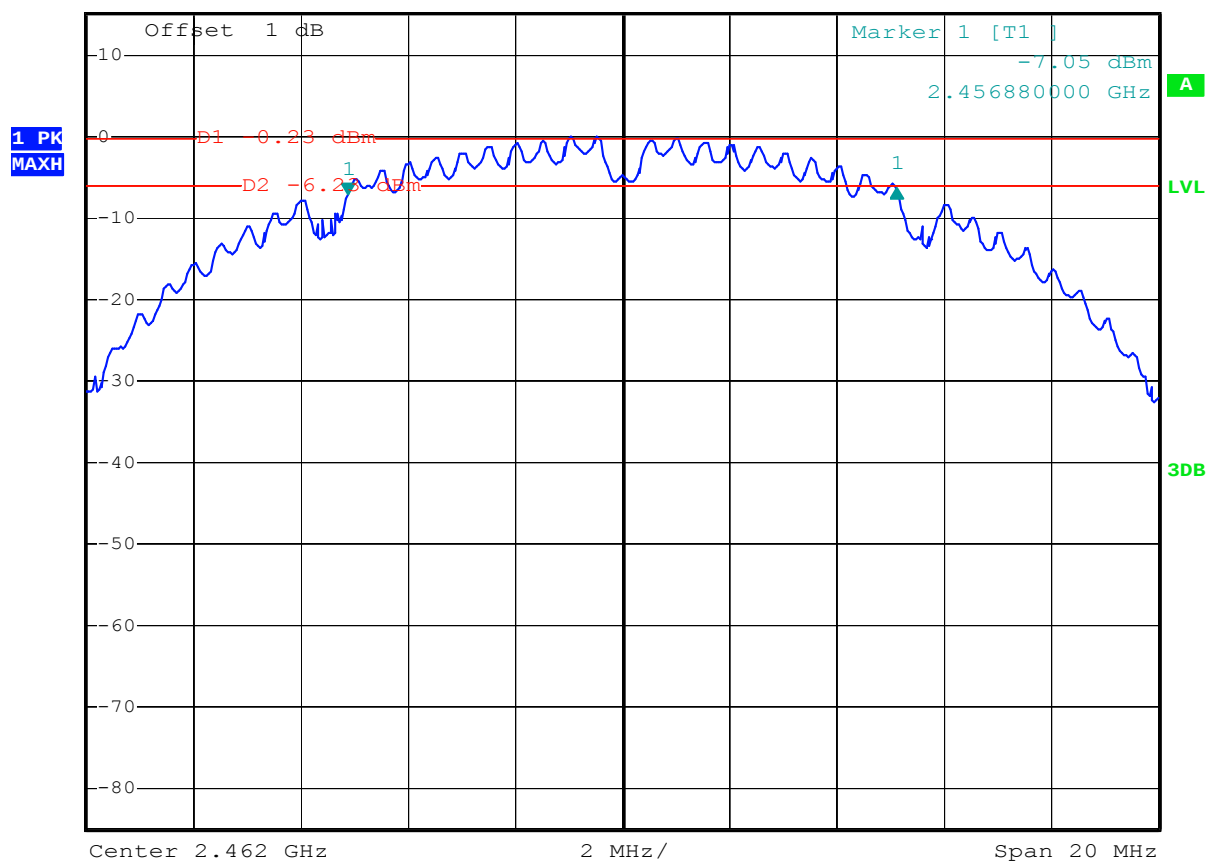


Date: 30.JUL.2012 09:15:39

802.11b Channel High 2462MHz



*RBW 300 kHz Delta 1 [T1]
 *VBW 1 MHz 0.75 dB
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 10.24000000 MHz

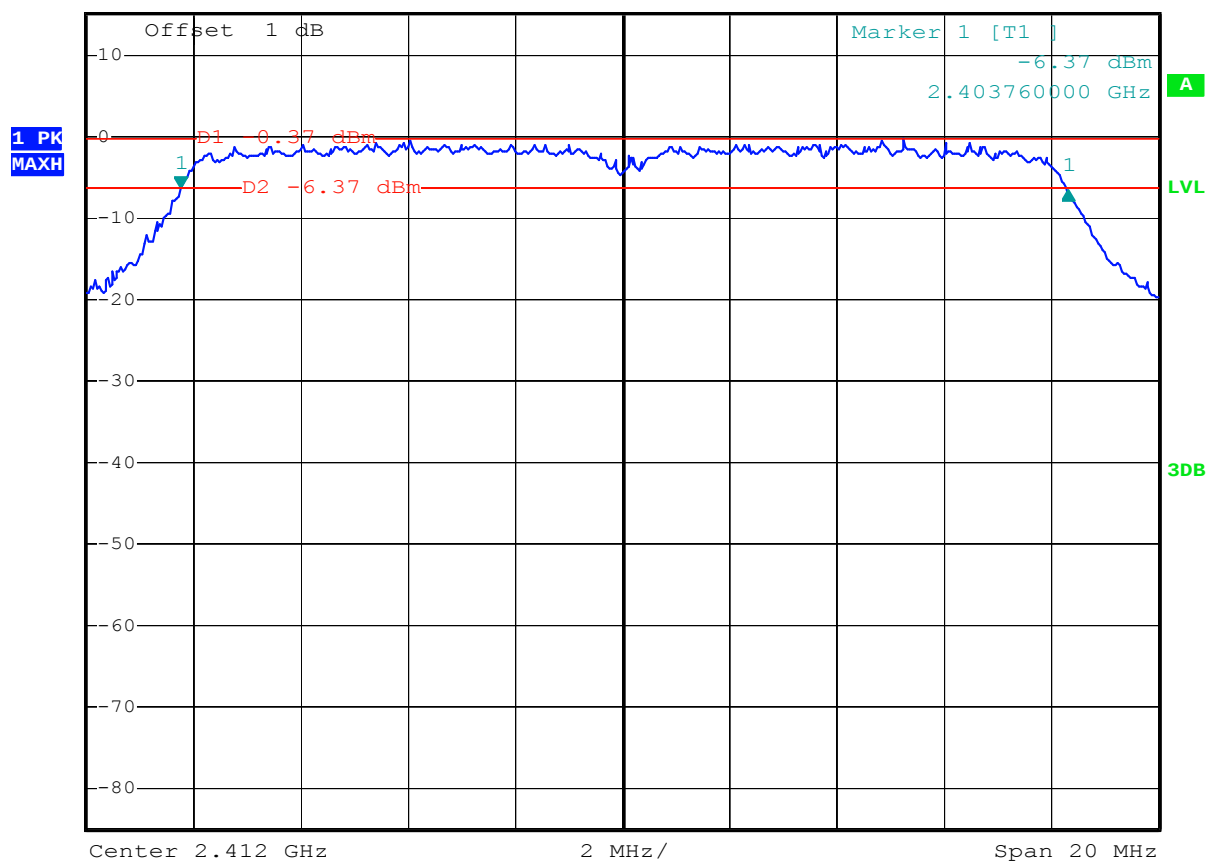


Date: 30.JUL.2012 09:21:21

802.11g Channel Low 2412MHz



*RBW 300 kHz Delta 1 [T1]
 *VBW 1 MHz -0.40 dB
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 16.56000000 MHz

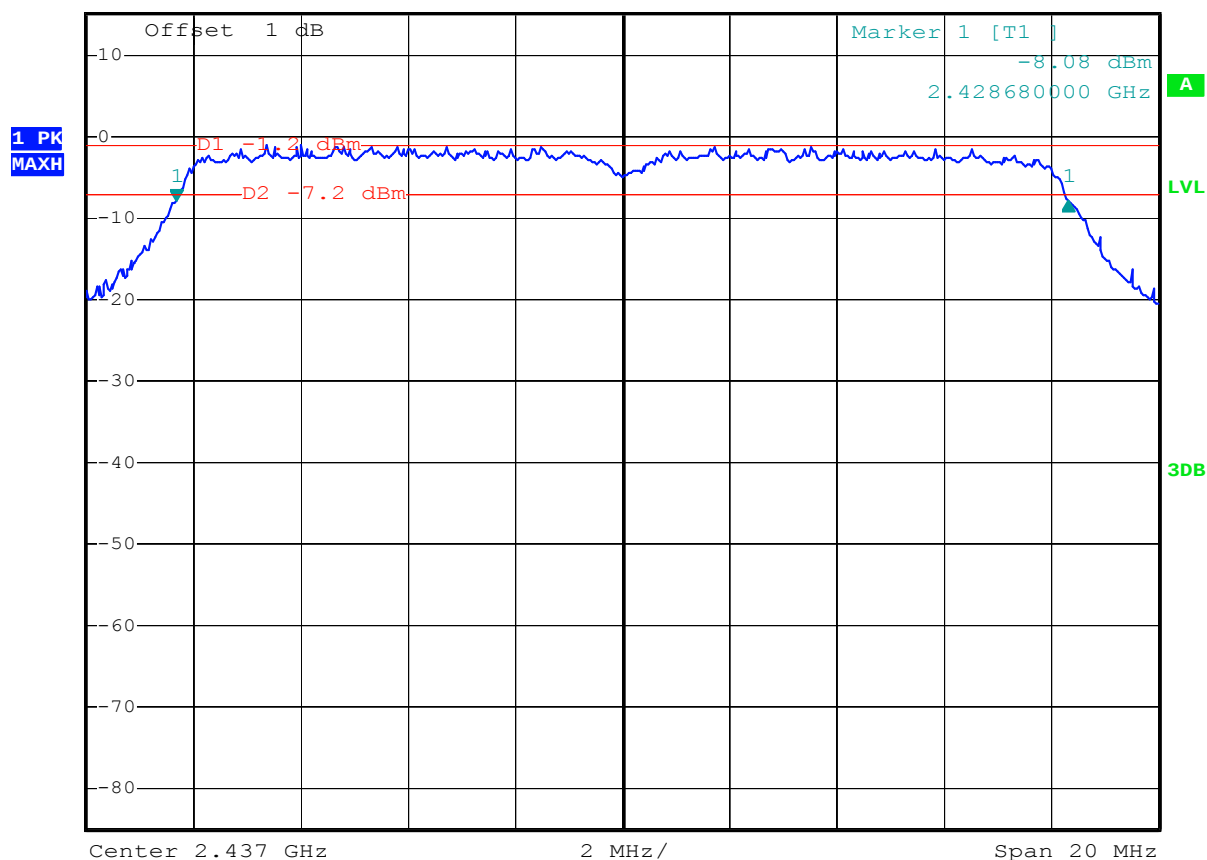


Date: 30.JUL.2012 09:33:44

802.11g Channel Middle 2437MHz



*RBW 300 kHz Delta 1 [T1]
 *VBW 1 MHz 0.18 dB
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 16.64000000 MHz

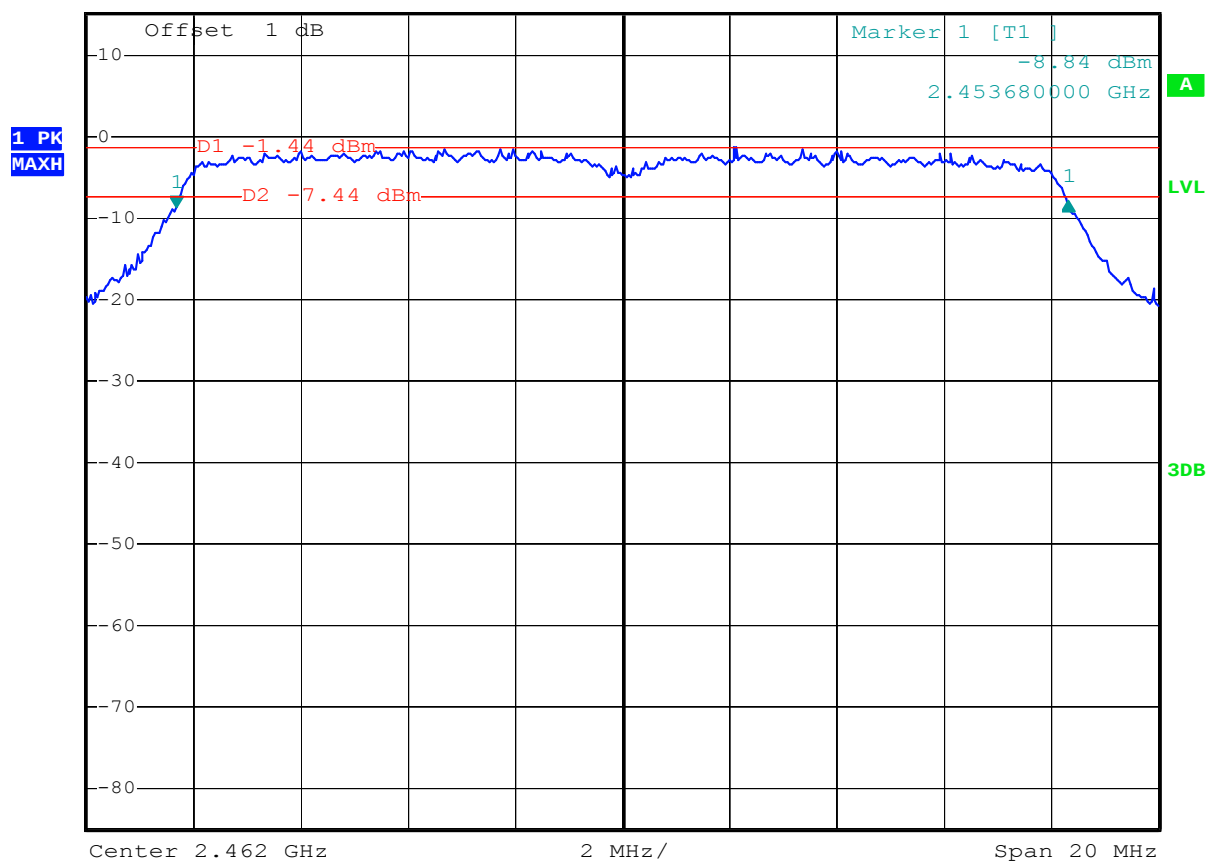


Date: 30.JUL.2012 09:38:19

802.11g Channel High 2462MHz



*RBW 300 kHz Delta 1 [T1]
 *VBW 1 MHz 0.82 dB
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 16.64000000 MHz

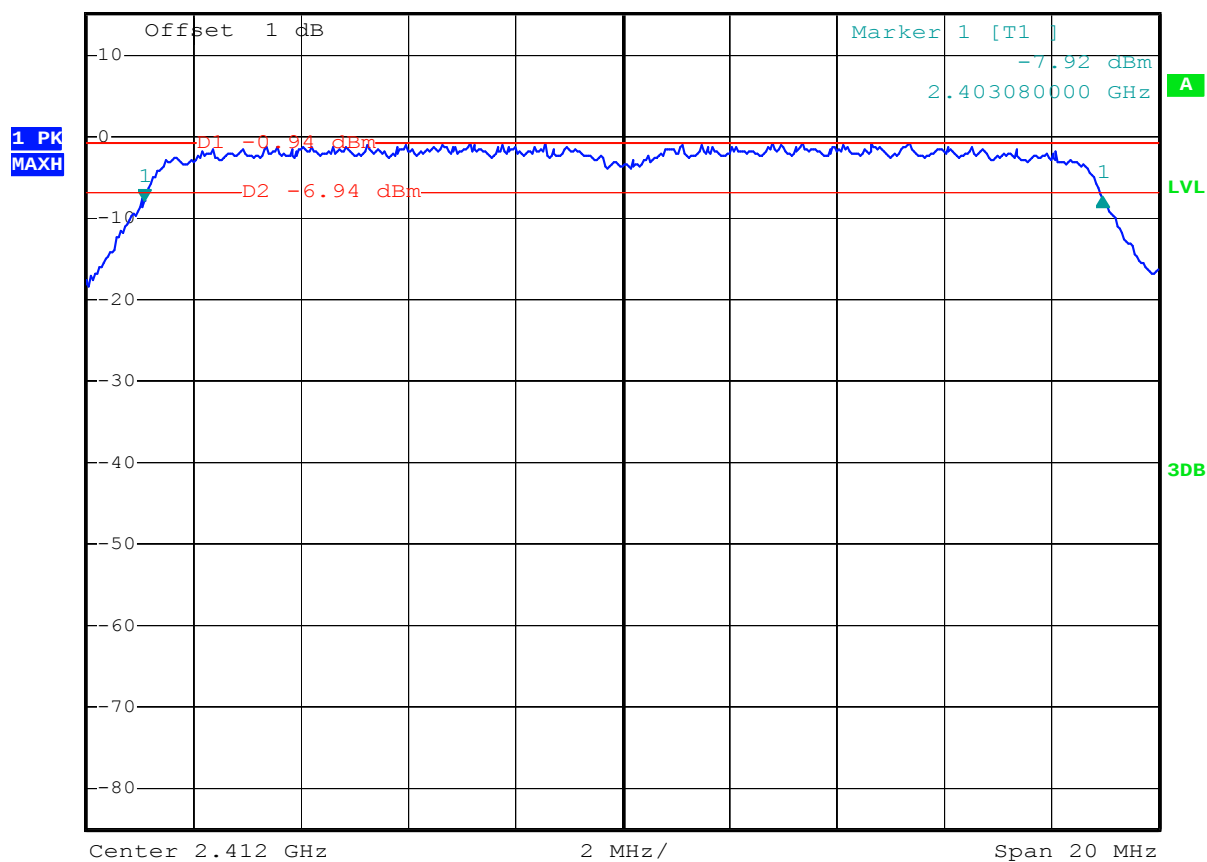


Date: 30.JUL.2012 09:44:34

802.11n Channel Low 2412MHz (20MHz)



*RBW 300 kHz Delta 1 [T1]
 *VBW 1 MHz 0.41 dB
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 17.880000000 MHz

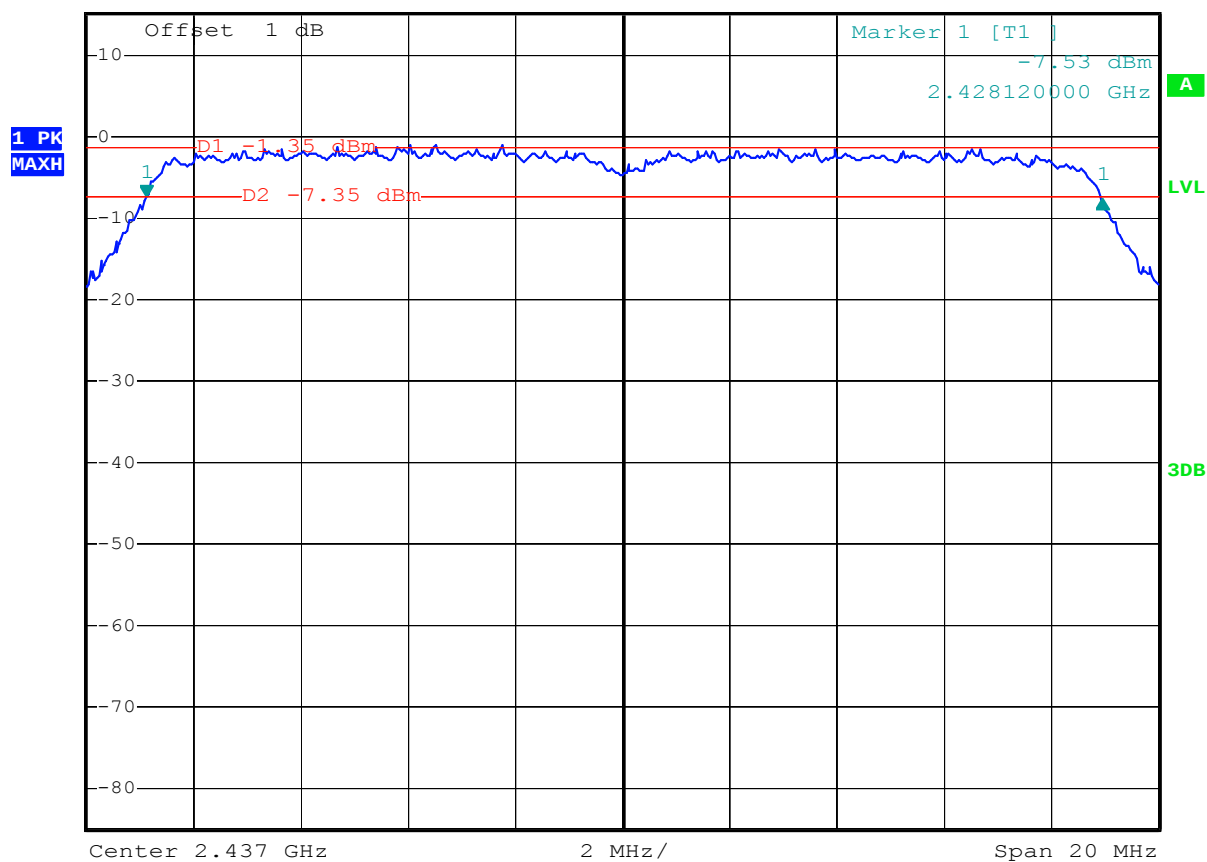


Date: 30.JUL.2012 09:52:15

802.11n Channel Middle 2437MHz (20MHz)



*RBW 300 kHz Delta 1 [T1]
 *VBW 1 MHz -0.24 dB
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 17.84000000 MHz

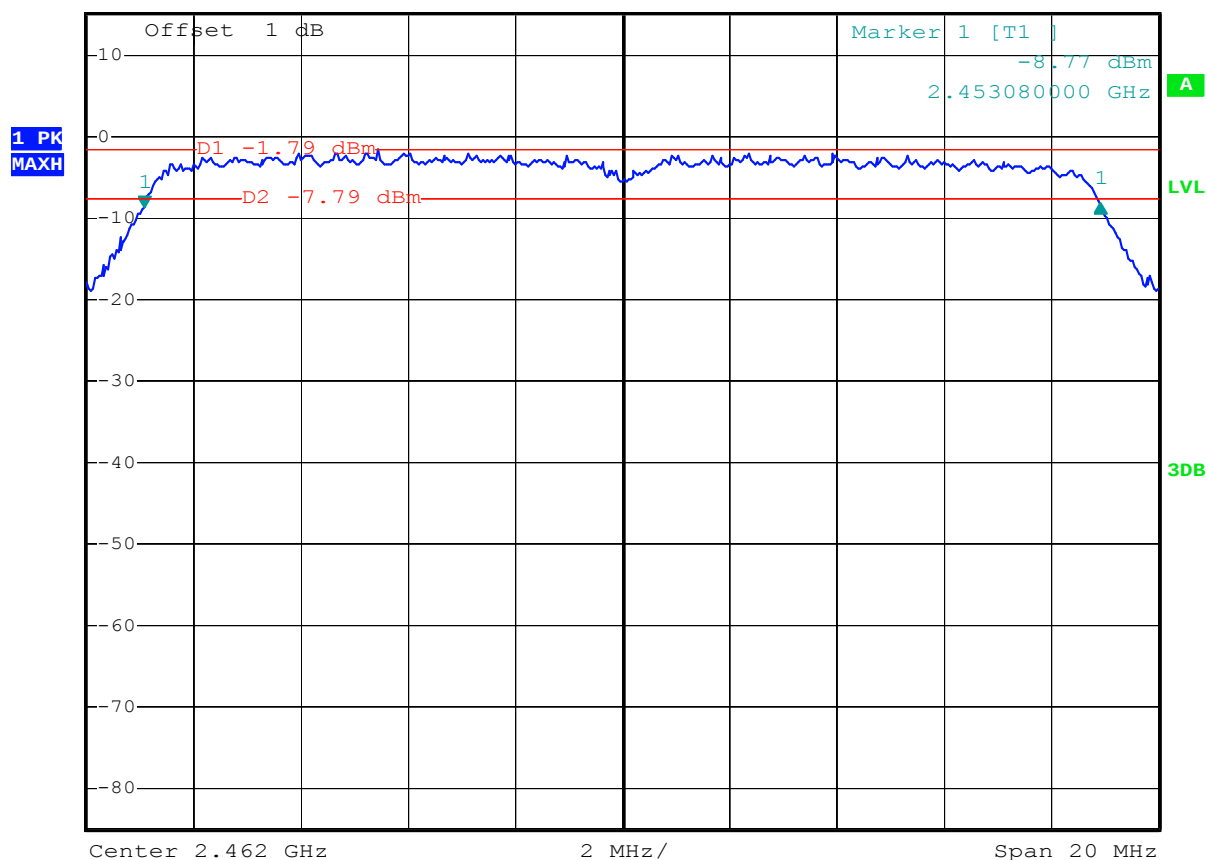


Date: 30.JUL.2012 09:57:59

802.11n Channel High 2462MHz (20MHz)

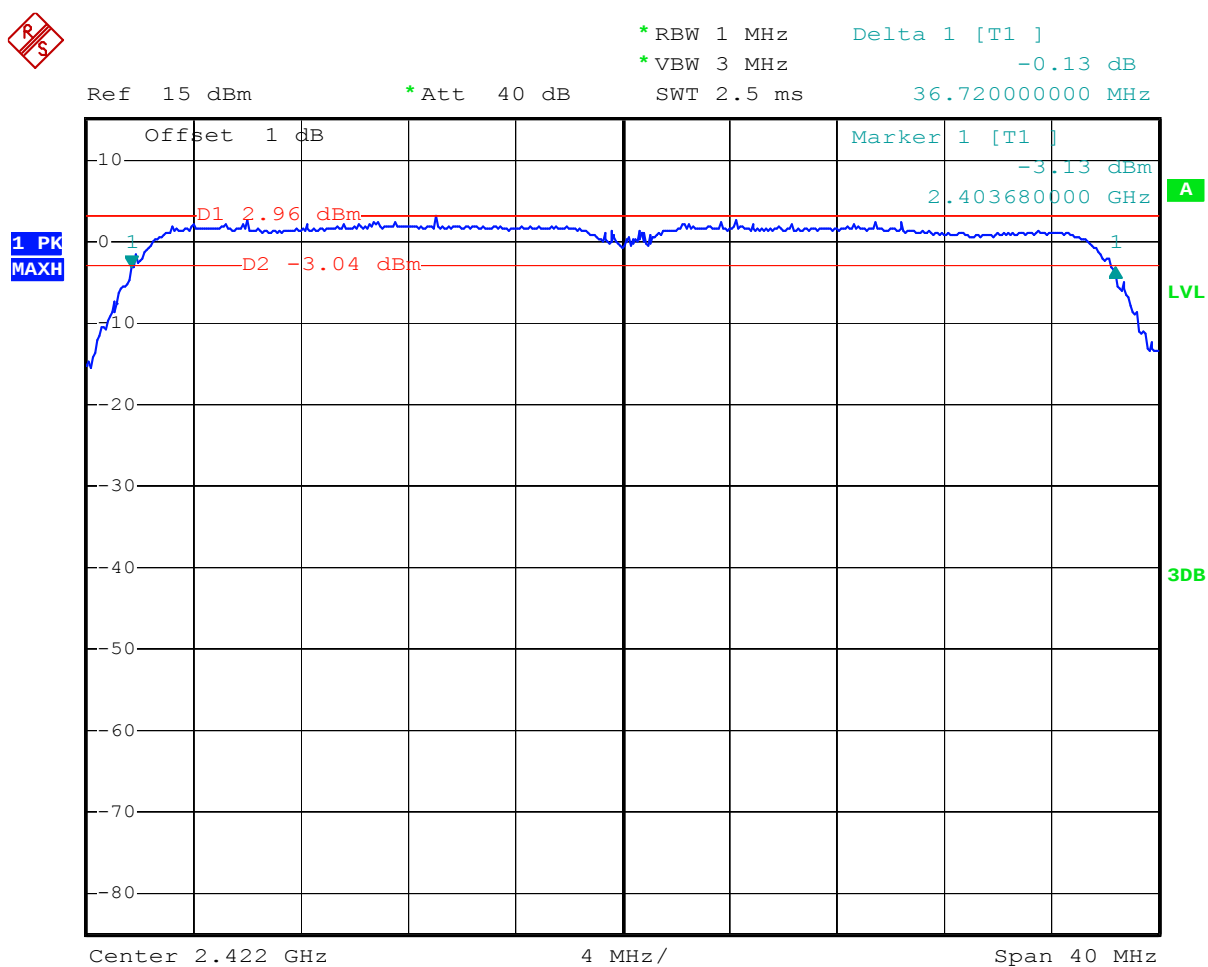


*RBW 300 kHz Delta 1 [T1]
 *VBW 1 MHz 0.60 dB
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 17.84000000 MHz



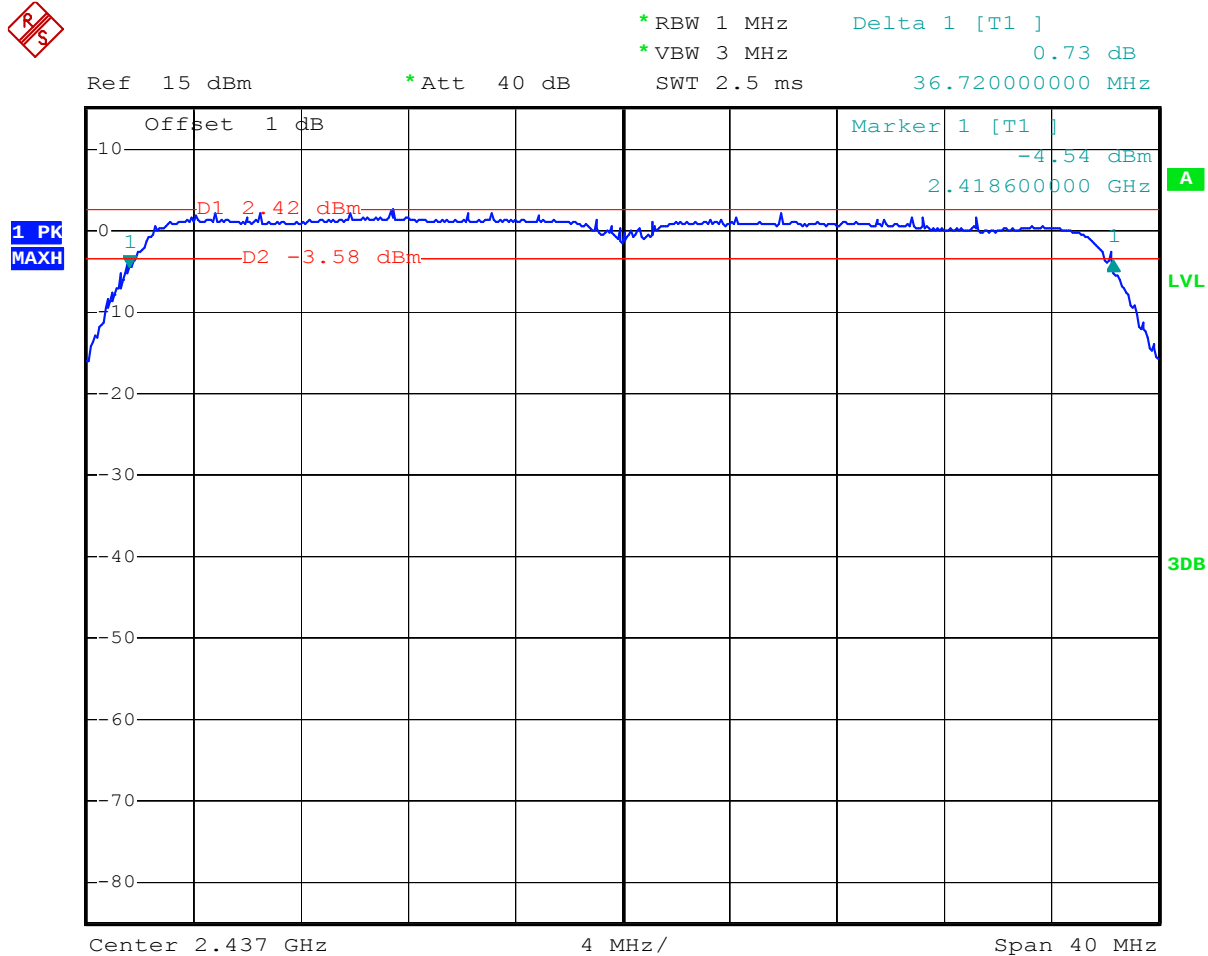
Date: 30.JUL.2012 10:02:50

802.11n Channel Low 2422MHz (40MHz)



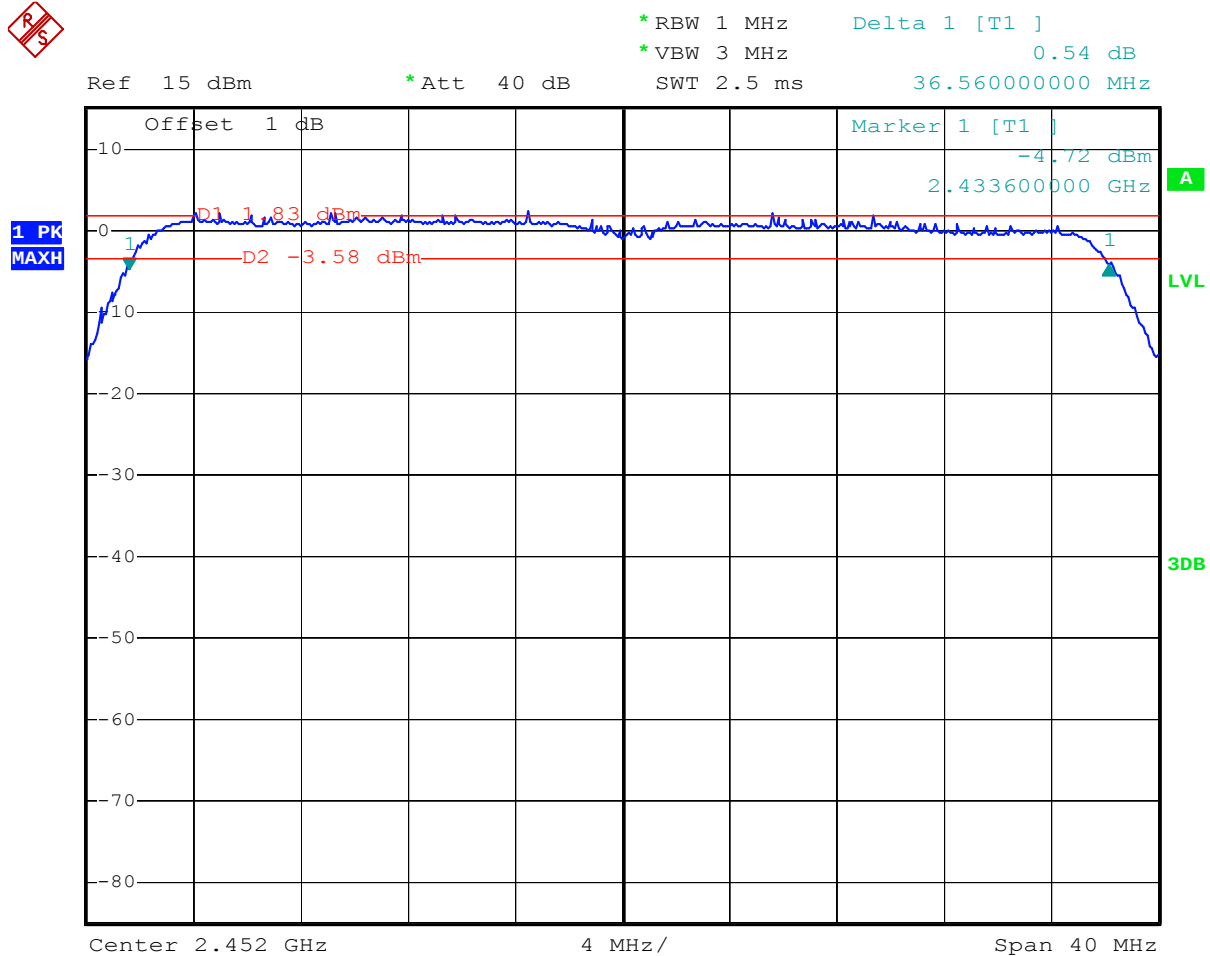
Date: 30.JUL.2012 10:15:36

802.11n Channel Middle 2437MHz (40MHz)



Date: 30.JUL.2012 10:23:40

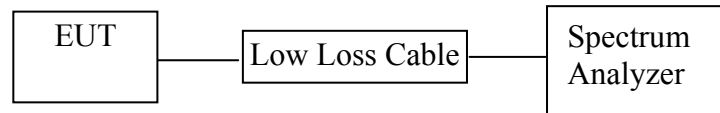
802.11n Channel High 2452MHz (40MHz)



Date: 30.JUL.2012 10:31:27

6. MAXIMUM PEAK OUTPUT POWER

6.1. Block Diagram of Test Setup



(EUT: 10 inch Tablet PC)

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. 10 inch Tablet PC (EUT)

Model Number : TB1082B
 Serial Number : N/A
 Manufacturer : GLOBAL CIRCUIT(SHENZHEN),LTD

6.4. Operating Condition of EUT

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

6.4.2. Turn on the power of all equipment.

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

6.5. Test Procedure

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

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

6.5.3. Measurement the maximum peak output power.

6.6. Test Result

PASS.

Date of Test:	Jul 30, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Ricky

The test was performed with 802.11b				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low 2412		9.39	8.69	30 dBm / 1 W
Middle 2437		8.84	7.66	30 dBm / 1 W
High 2462		8.17	6.56	30 dBm / 1 W

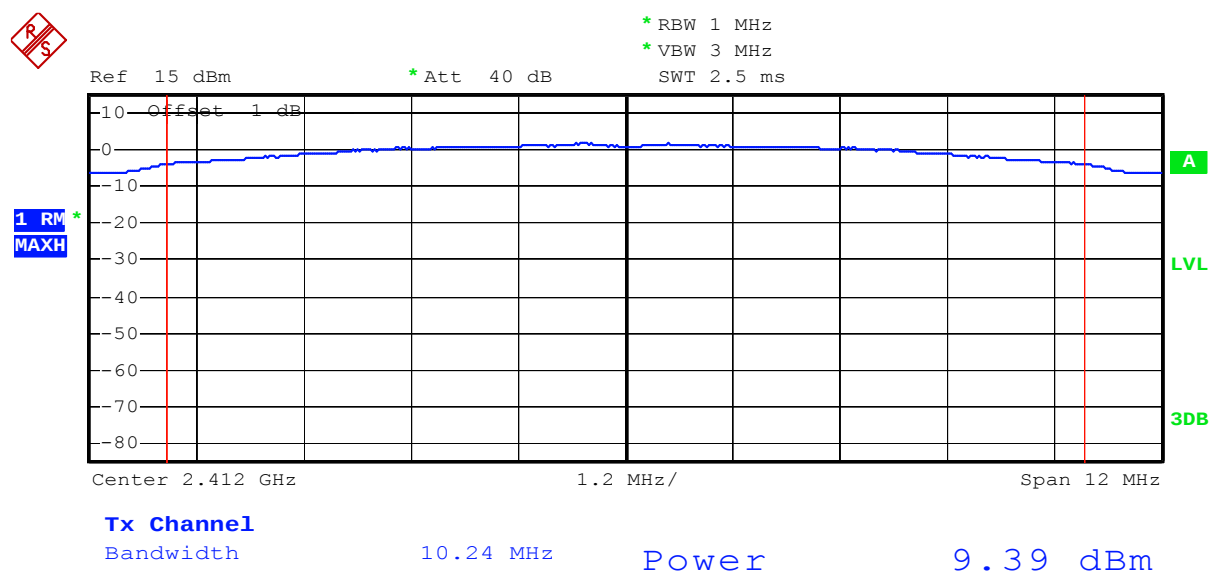
The test was performed with 802.11g				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low 2412		8.97	7.89	30 dBm / 1 W
Middle 2437		8.60	7.24	30 dBm / 1 W
High 2462		8.05	6.38	30 dBm / 1 W

The test was performed with 802.11n (20MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low 2412		9.11	8.15	30 dBm / 1 W
Middle 2437		8.57	7.19	30 dBm / 1 W
High 2462		7.95	6.24	30 dBm / 1 W

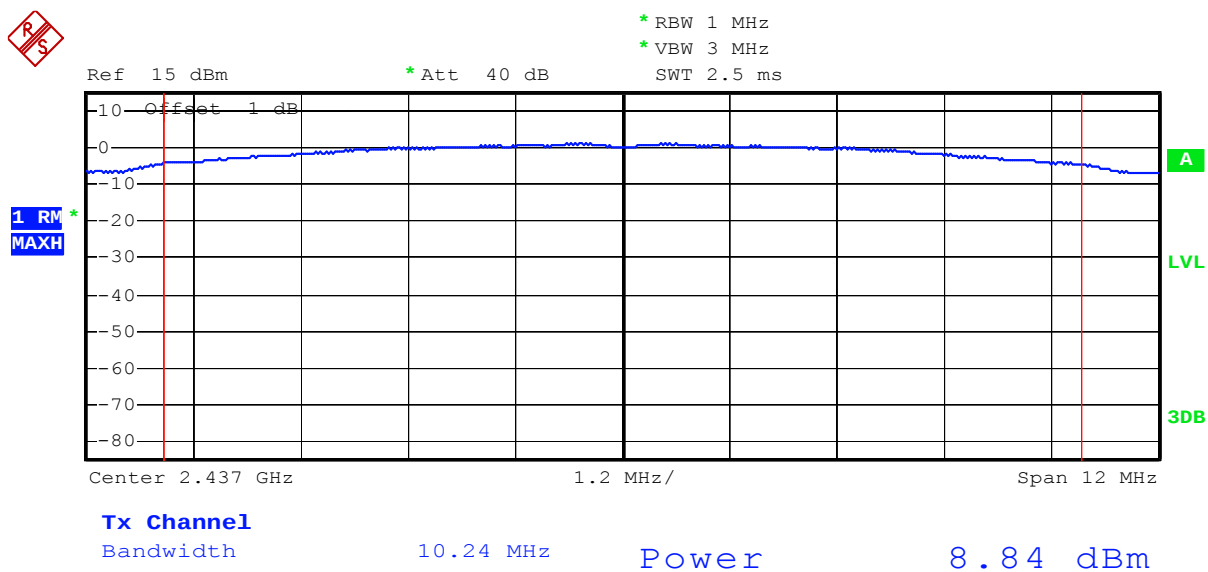
The test was performed with 802.11n (40MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low 2422		9.50	8.91	30 dBm / 1 W
Middle 2437		8.99	7.93	30 dBm / 1 W
High 2452		8.65	7.33	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

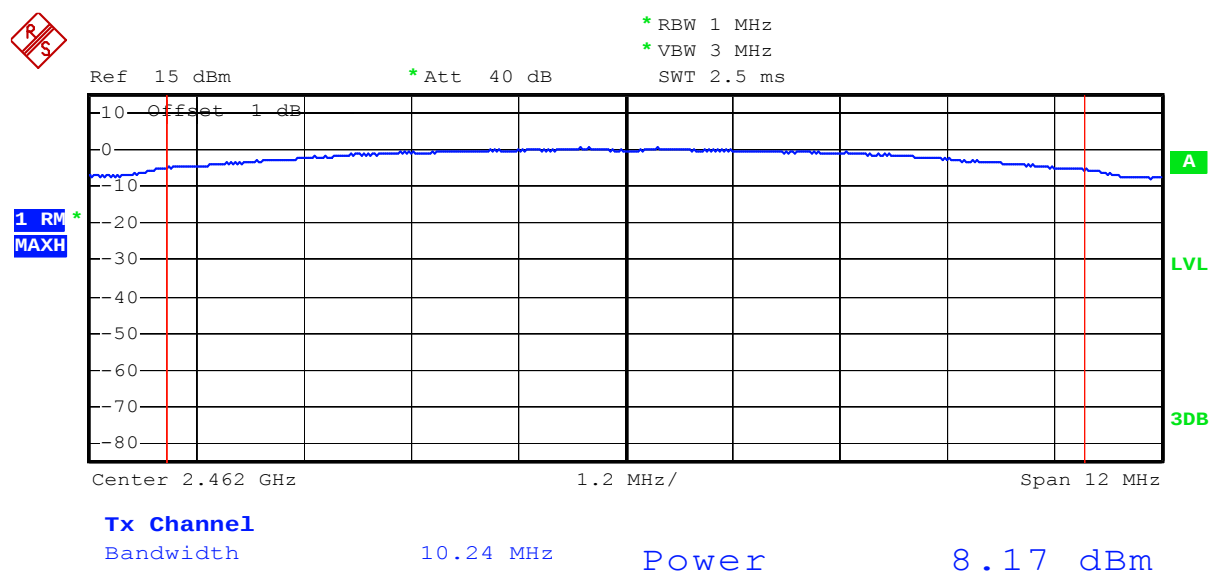
802.11b Channel Low 2412MHz



802.11b Channel Middle 2437MHz

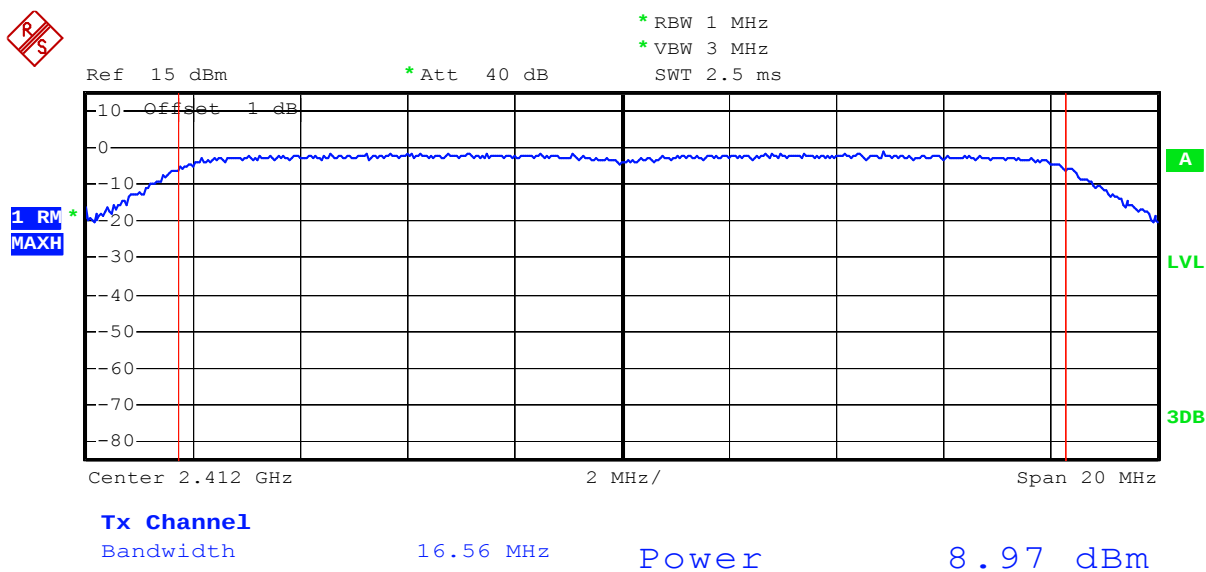


802.11b Channel High 2462MHz

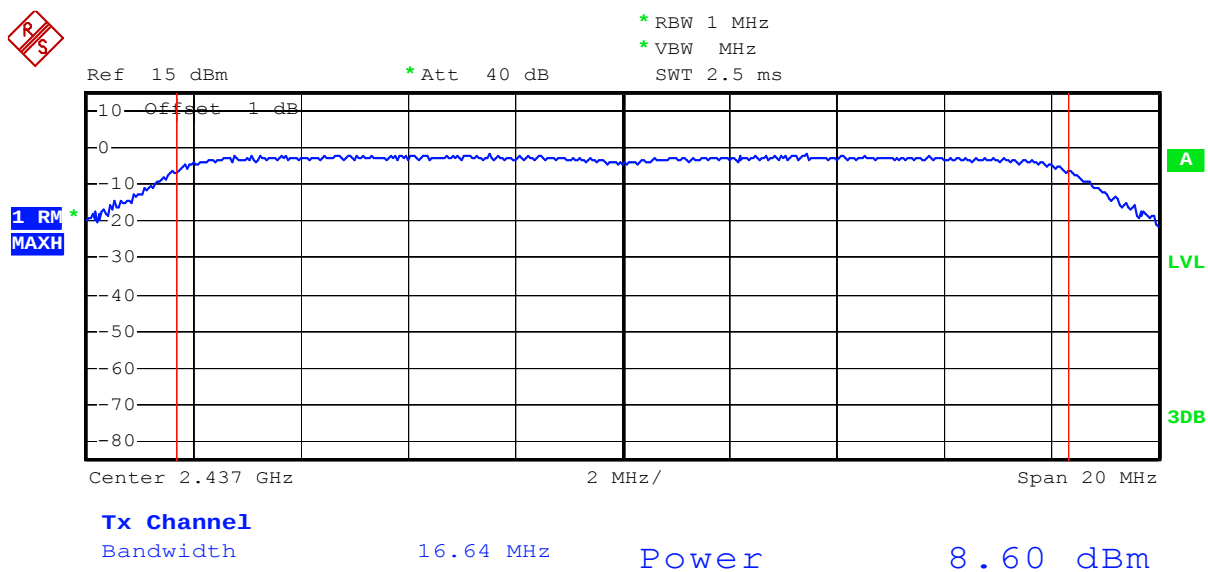


Date: 30.JUL.2012 09:22:26

802.11g Channel Low 2412MHz

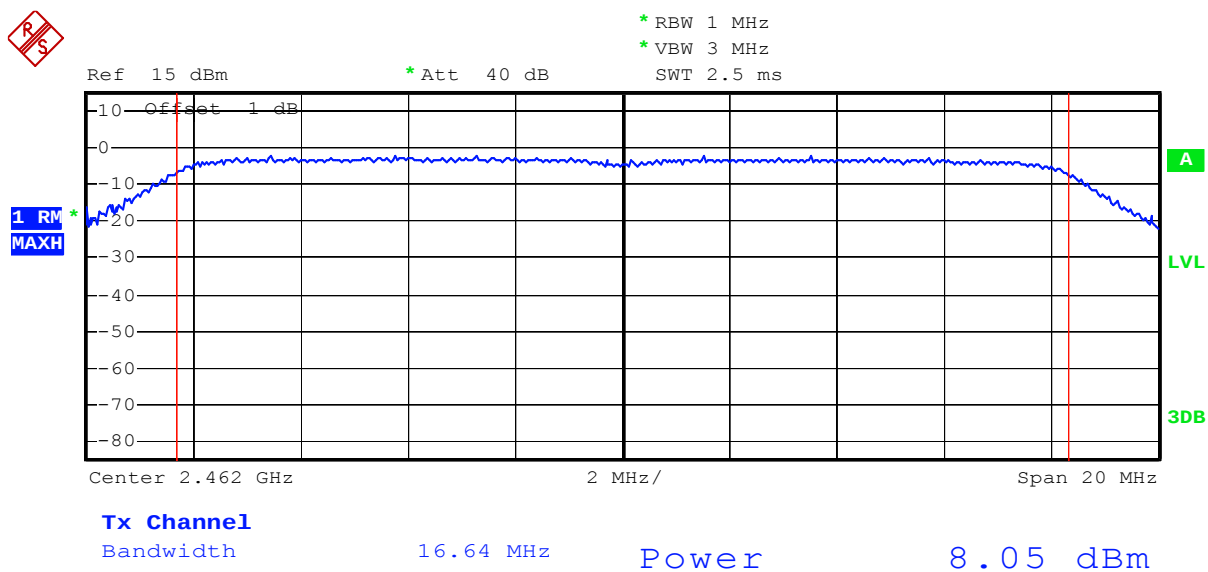


802.11g Channel Middle 2437MHz



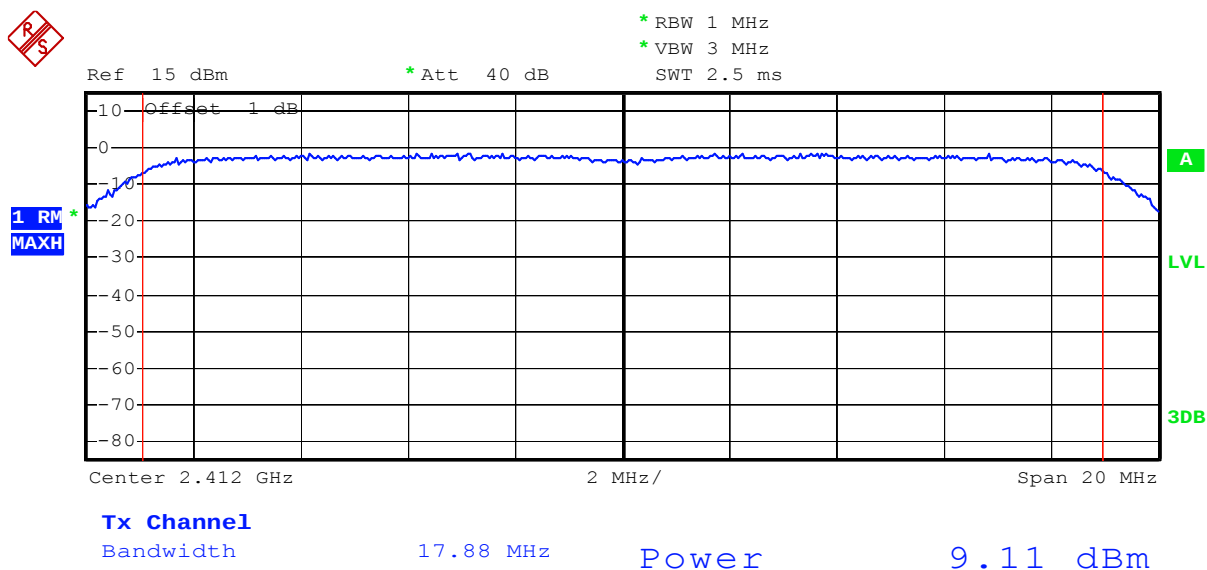
Date: 30.JUL.2012 09:39:25

802.11g Channel High 2462MHz



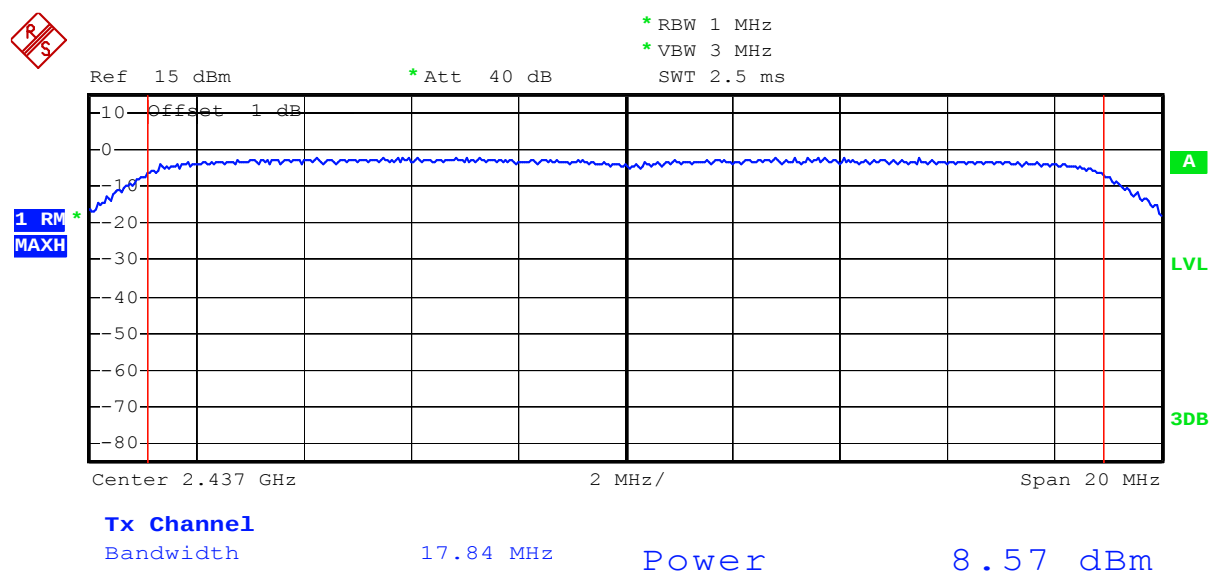
Date: 30.JUL.2012 09:45:49

802.11n Channel Low 2412MHz (20MHz)



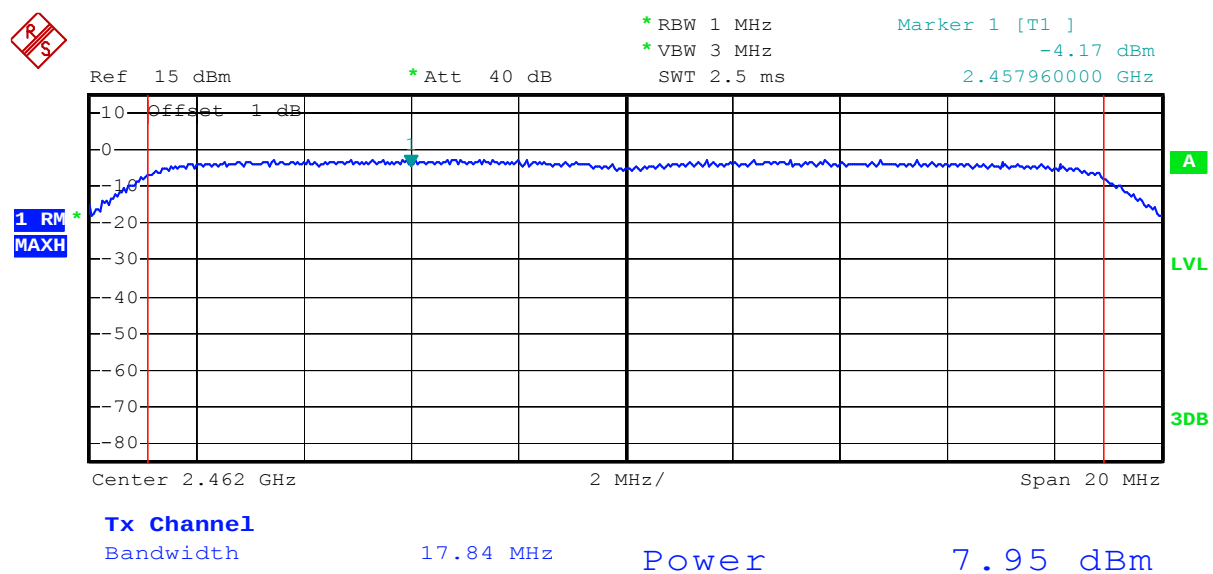
Date: 30.JUL.2012 09:53:12

802.11n Channel Middle 2437MHz (20MHz)



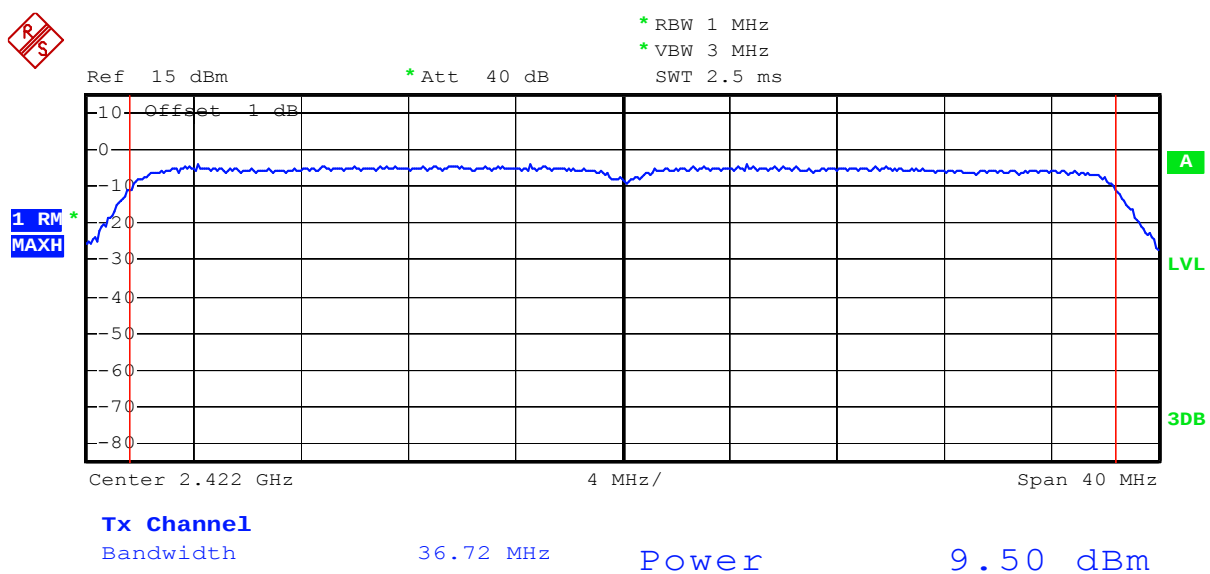
Date: 30.JUL.2012 09:58:43

802.11n Channel High 2462MHz (20MHz)



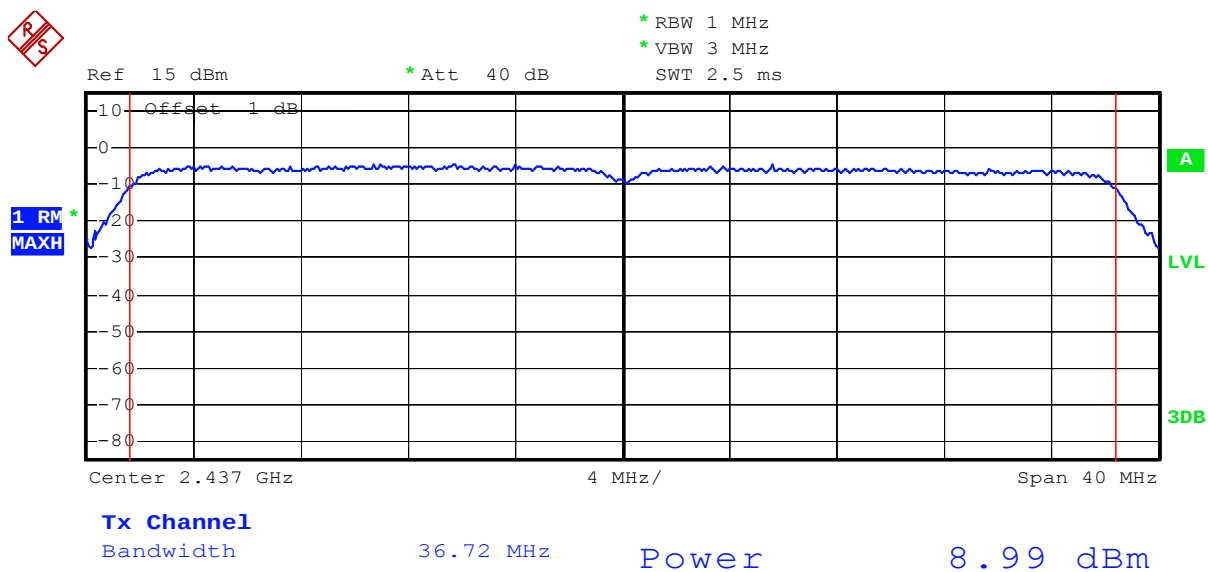
Date: 30.JUL.2012 10:03:45

802.11n Channel Low 2422MHz (40MHz)



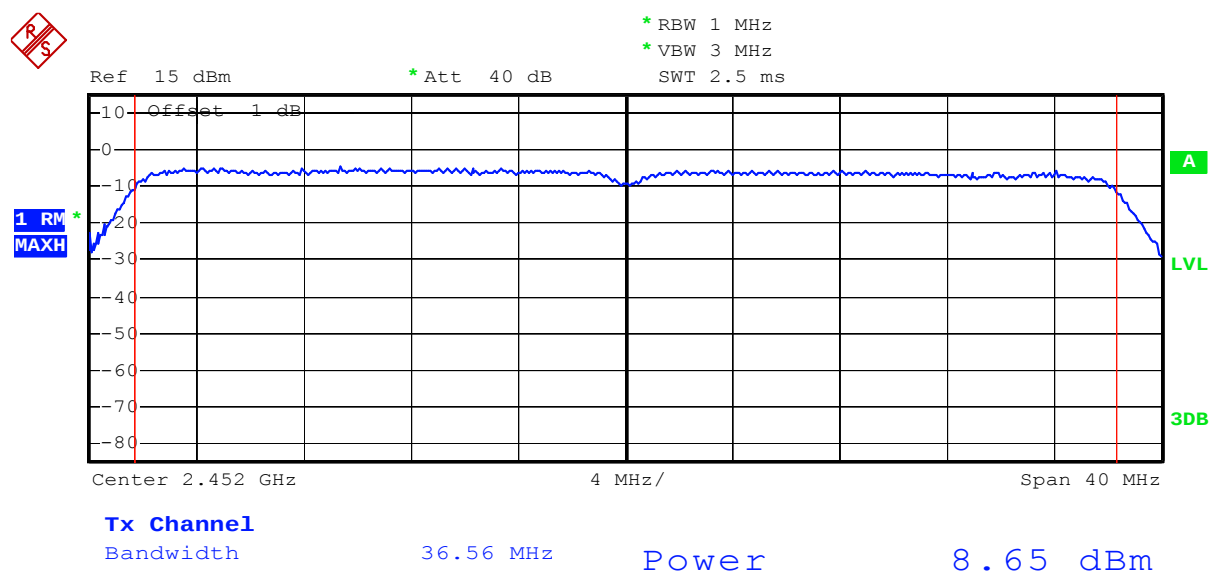
Date: 30.JUL.2012 10:16:20

802.11n Channel Middle 2437MHz (40MHz)



Date: 30.JUL.2012 10:25:19

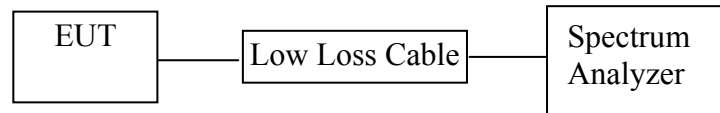
802.11n Channel High 2452MHz (40MHz)



Date: 30.JUL.2012 10:32:20

7. POWER SPECTRAL DENSITY MEASUREMENT

7.1. Block Diagram of Test Setup



(EUT: 10 inch Tablet PC)

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. 10 inch Tablet PC (EUT)

Model Number : TB1082B
 Serial Number : N/A
 Manufacturer : GLOBAL CIRCUIT(SHENZHEN),LTD

7.4. Operating Condition of EUT

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

7.4.2. Turn on the power of all equipment.

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

7.5. Test Procedure

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

7.5.2. Set RBW of spectrum analyzer to 100 kHz and VBW to 300 kHz, sweep time = auto, span=5%-30% greater than the EBW.

7.5.3. Measurement the maximum power spectral density.

7.6. Test Result

PASS.

Date of Test:	Jul 30, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Ricky

The test was performed with 802.11b					
Channel	Frequency (MHz)	Power Spectral Density (dBm/100kHz)	BWCF (dB)	Power Spectral Density (dBm/3kHz)	Limits (dBm/3kHz)
Low 2412		0.37	-15.2	-14.83	8 dBm
Middle 2437		-0.10	-15.2	-15.30	8 dBm
High 2462		-0.40	-15.2	-15.60	8 dBm

The test was performed with 802.11g					
Channel	Frequency (MHz)	Power Spectral Density (dBm/100kHz)	BWCF (dB)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low 2412		-4.14	-15.2	-19.34	8 dBm
Middle 2437		-4.64	-15.2	-19.84	8 dBm
High 2462		-5.17	-15.2	-20.37	8 dBm

The test was performed with 802.11n (20MHz)

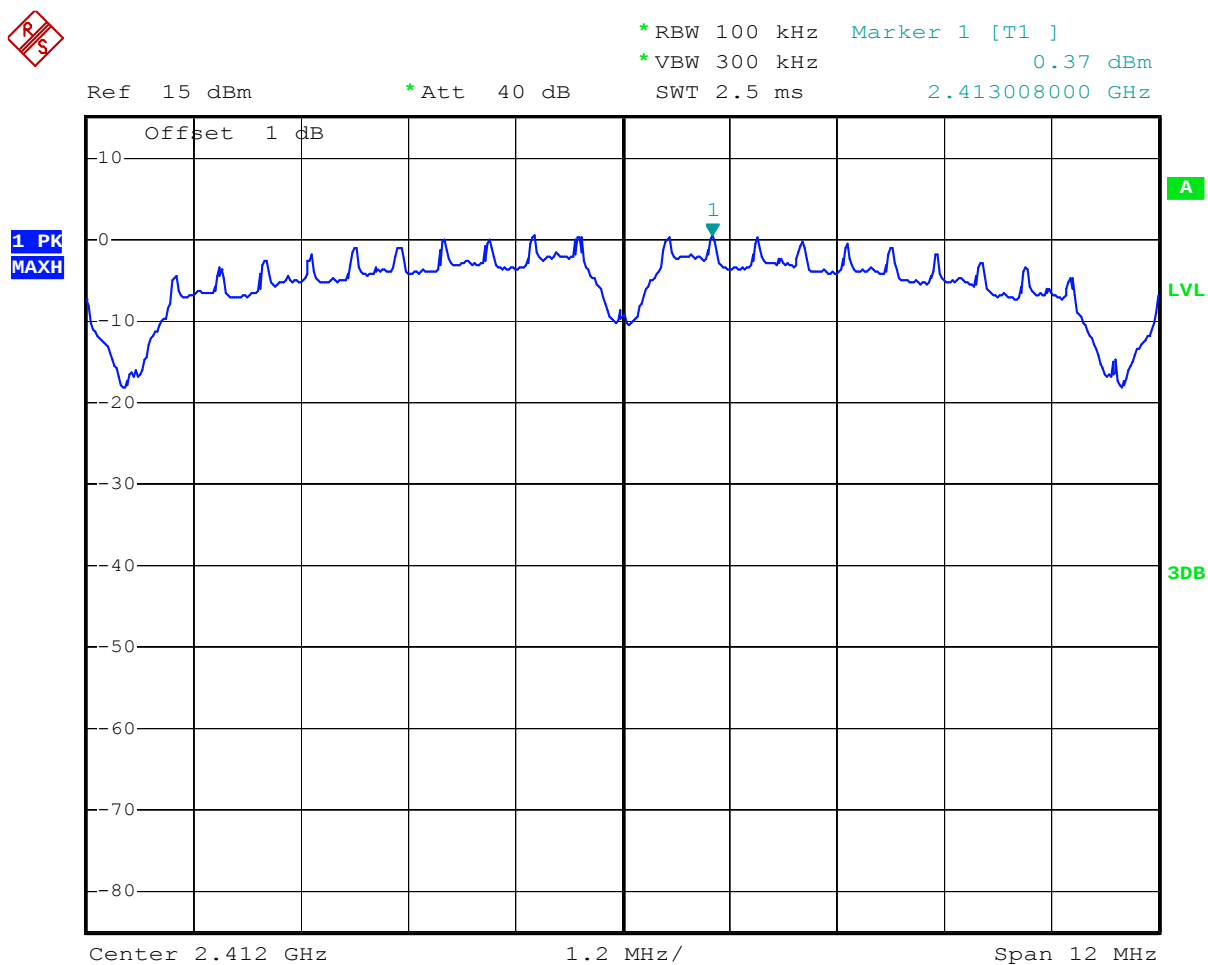
Channel	Frequency (MHz)	Power Spectral Density (dBm/100kHz)	BWCF (dB)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low 2412		-4.12	-15.2	-19.32	8 dBm
Middle 2437		-4.55	-15.2	-19.75	8 dBm
High 2462		-5.04	-15.2	-20.24	8 dBm

The test was performed with 802.11n (40MHz)

Channel	Frequency (MHz)	Power Spectral Density (dBm/100kHz)	BWCF (dB)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low 2422		-6.15	-15.2	-21.35	8 dBm
Middle 2437		-6.65	-15.2	-21.85	8 dBm
High 2452		-6.96	-15.2	-22.16	8 dBm

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



Date: 30.JUL.2012 09:12:18

802.11b Channel Middle 2437MHz



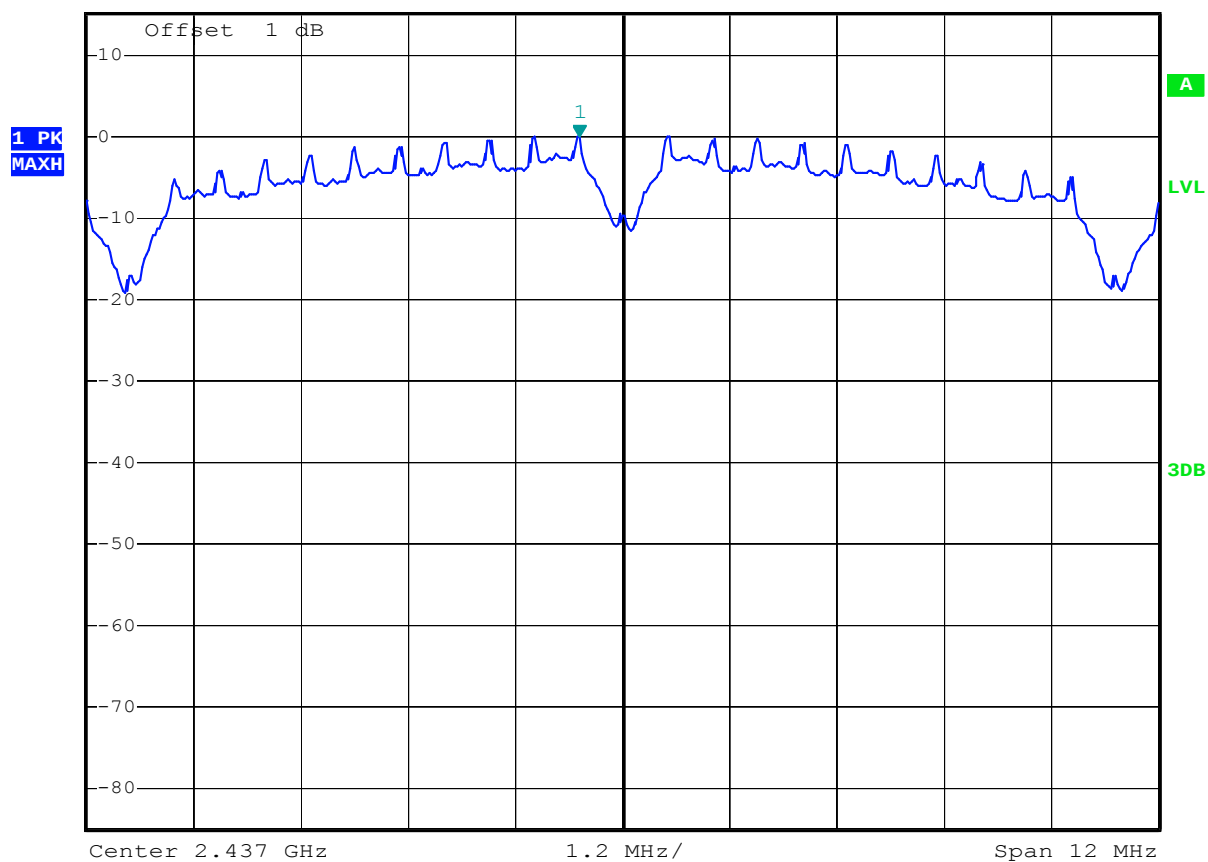
*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -0.10 dBm
SWT 2.5 ms 2.436520000 GHz

Ref 15 dBm

*Att 40 dB

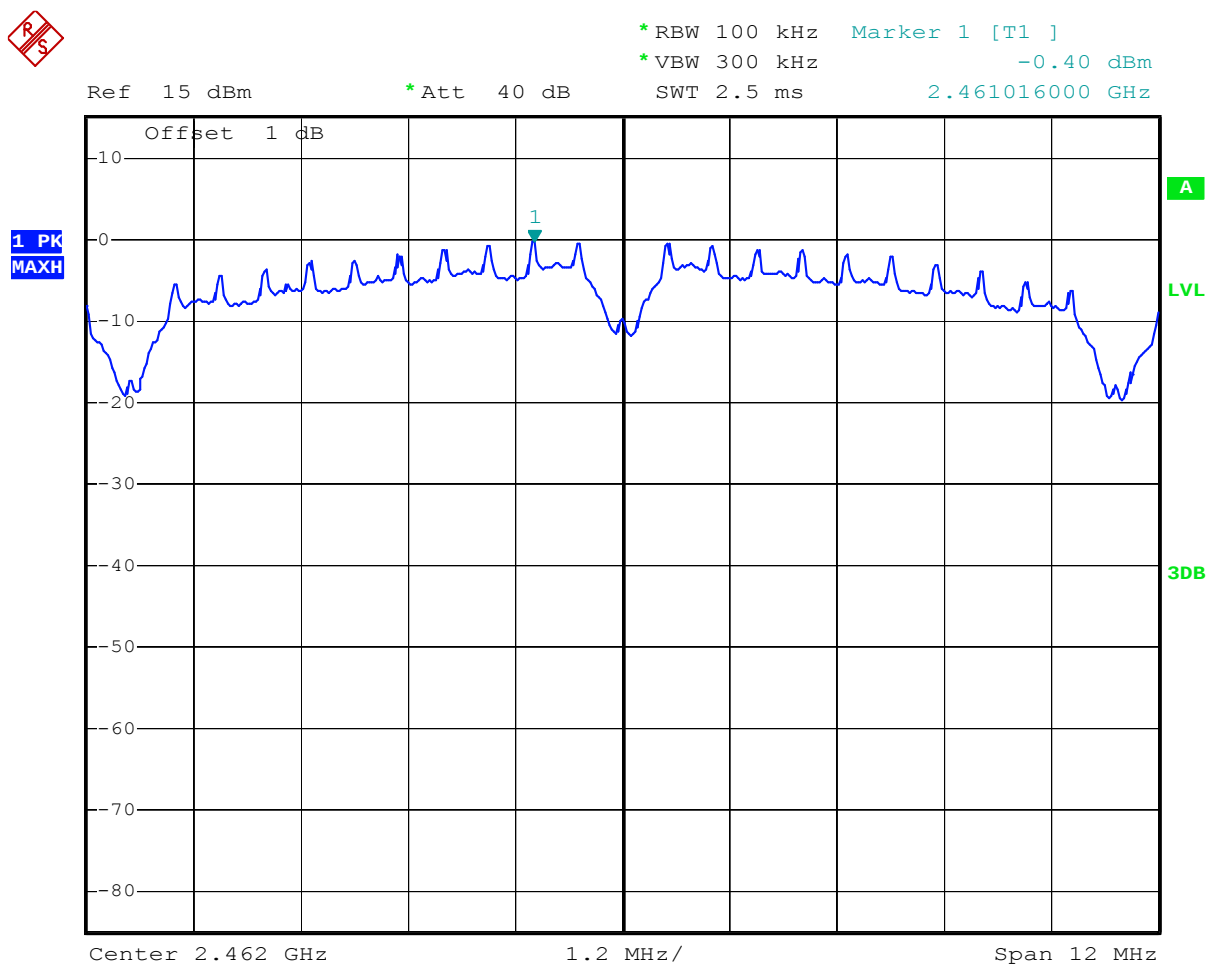
SWT 2.5 ms

2.436520000 GHz



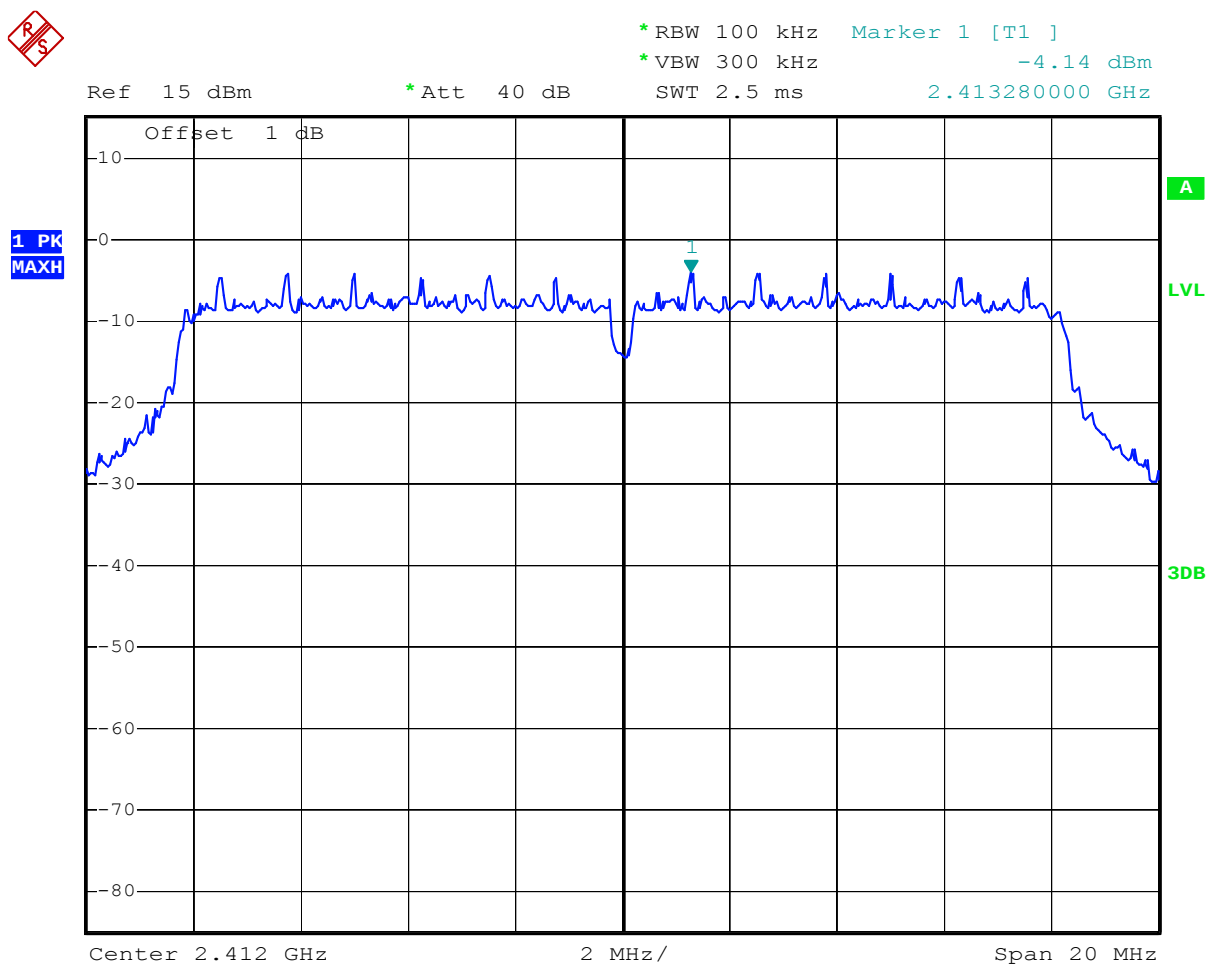
Date: 30.JUL.2012 09:17:26

802.11b Channel High 2462MHz



Date: 30.JUL.2012 09:23:11

802.11g Channel Low 2412MHz

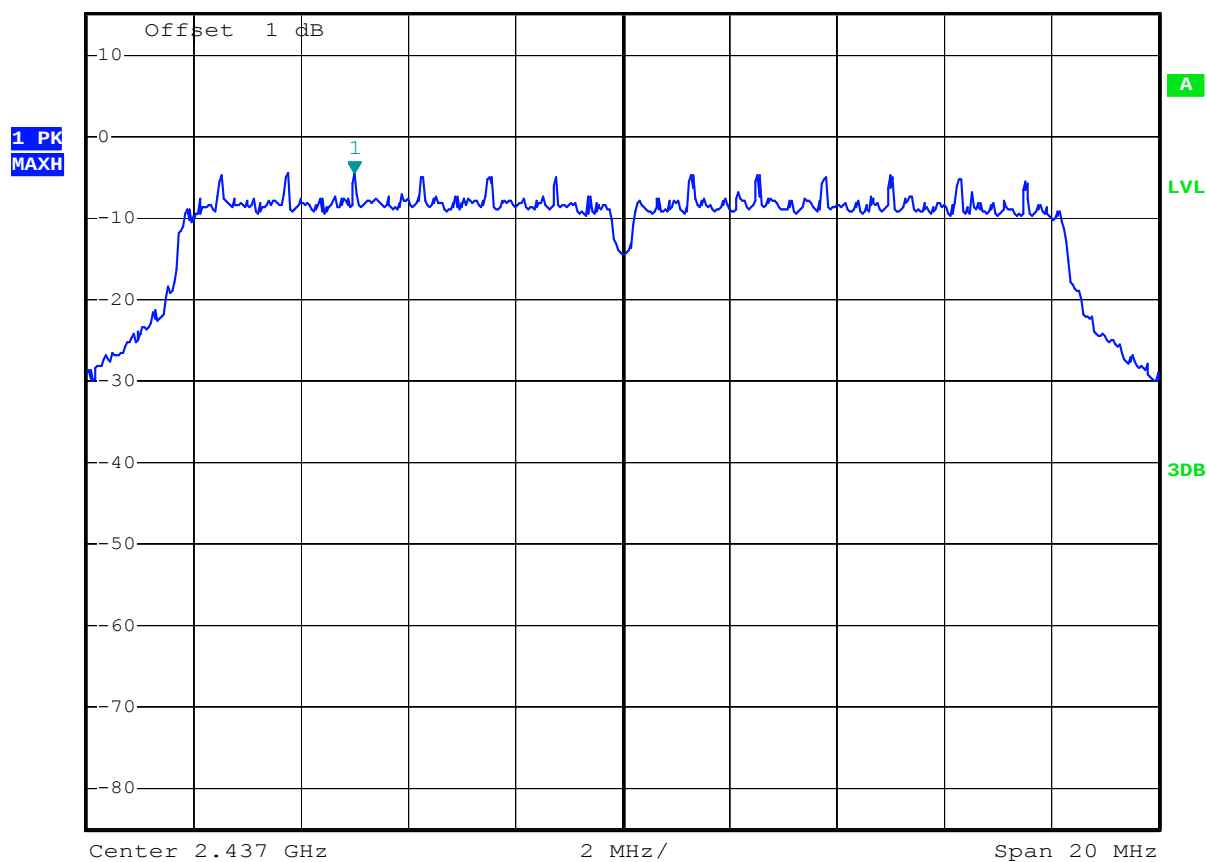


Date: 30.JUL.2012 09:35:27

802.11g Channel Middle 2437MHz



*RBW 100 kHz Marker 1 [T1]
 *VBW 300 kHz -4.64 dBm
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 2.432000000 GHz

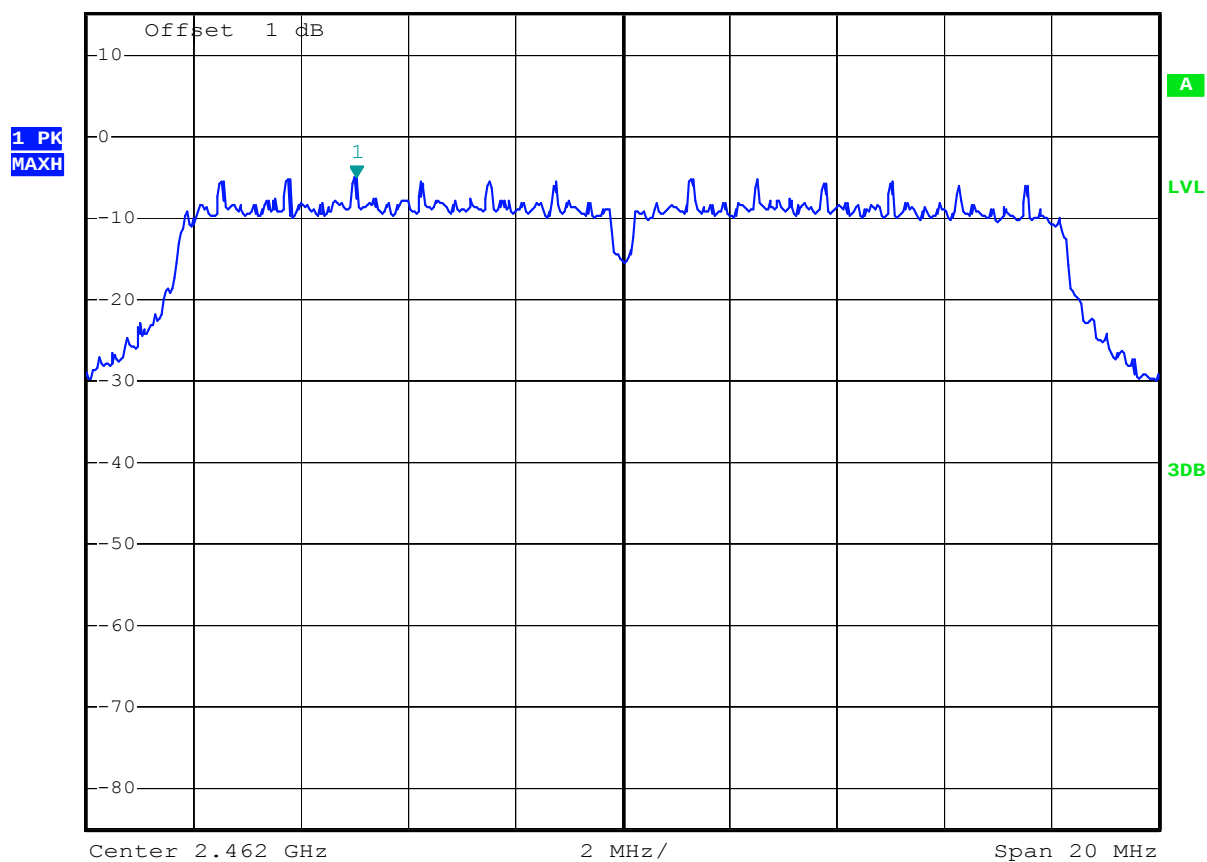


Date: 30.JUL.2012 09:40:54

802.11g Channel High 2462MHz



*RBW 100 kHz Marker 1 [T1]
 *VBW 300 kHz -5.17 dBm
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 2.457040000 GHz

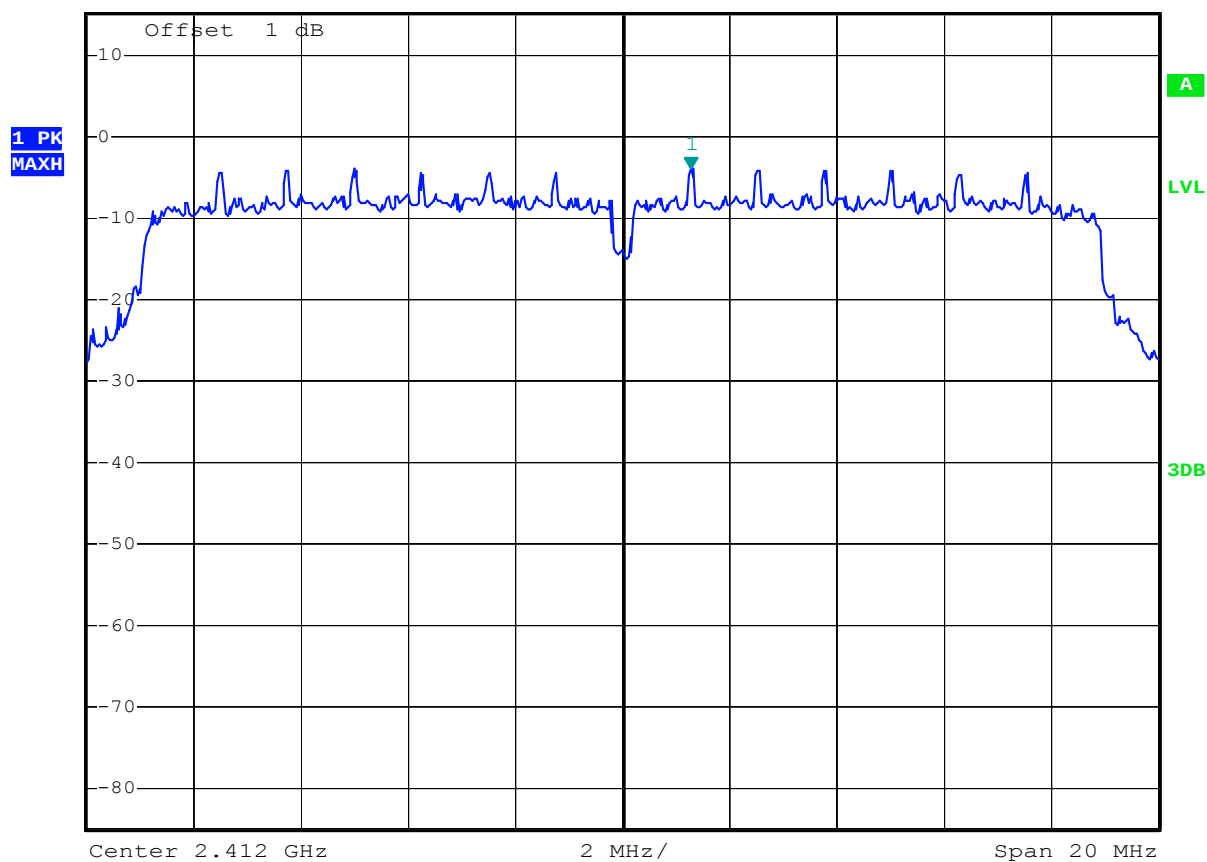


Date: 30.JUL.2012 09:43:10

802.11n Channel Low 2412MHz (20MHz)



*RBW 100 kHz Marker 1 [T1]
 *VBW 300 kHz -4.12 dBm
 Ref 15 dBm *Att 40 dB SWT 2.5 ms 2.413280000 GHz



Date: 30.JUL.2012 09:53:48

802.11n Channel Middle 2437MHz (20MHz)



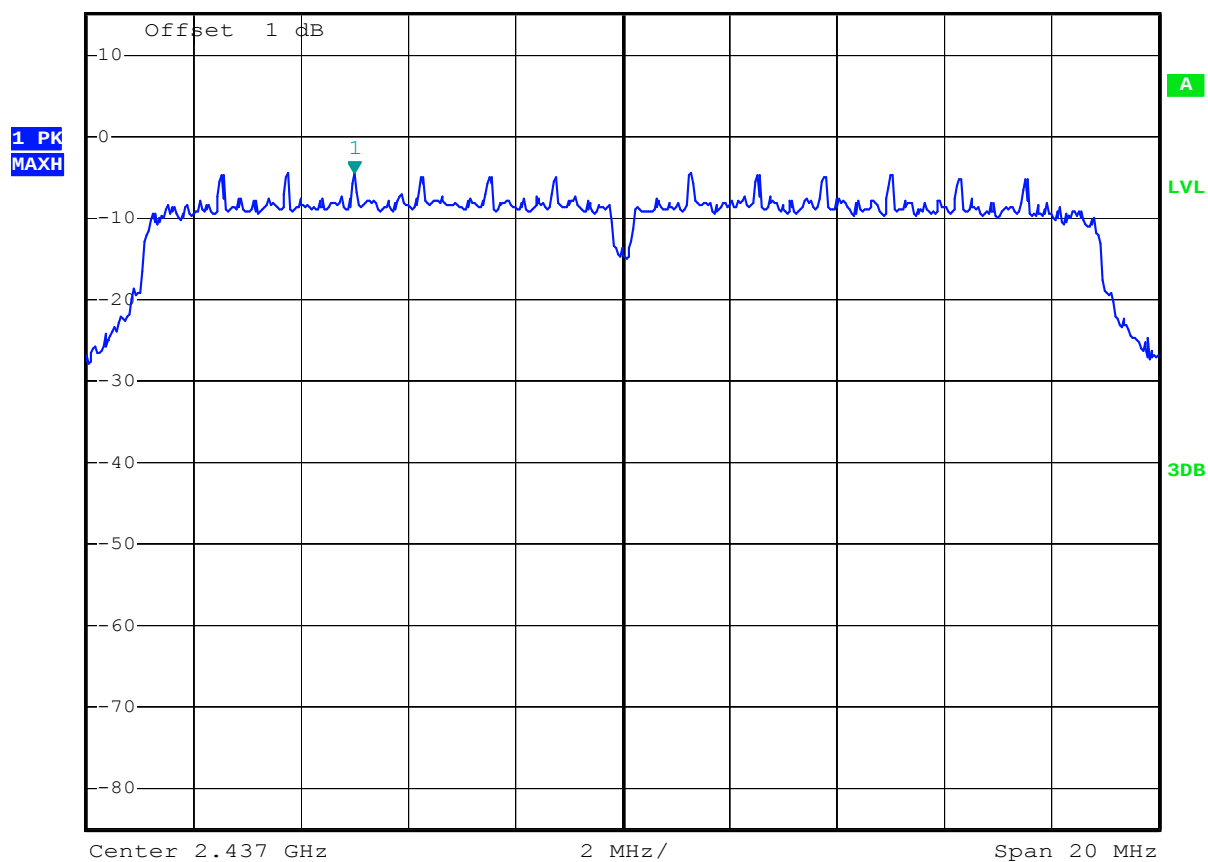
*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -4.55 dBm
SWT 2.5 ms 2.432000000 GHz

Ref 15 dBm

*Att 40 dB

SWT 2.5 ms

2.432000000 GHz



Date: 30.JUL.2012 09:59:41

802.11n Channel High 2462MHz (20MHz)



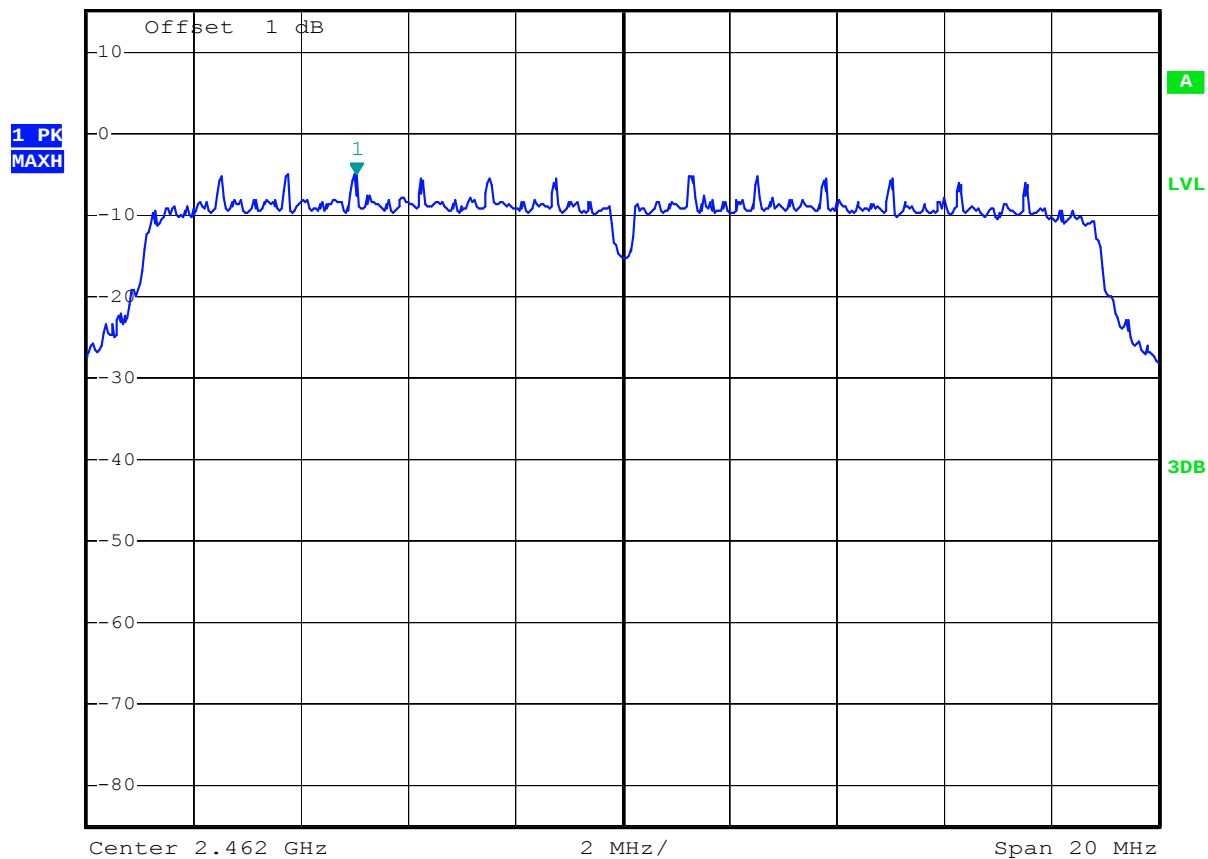
*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz -5.04 dBm
SWT 2.5 ms 2.457040000 GHz

Ref 15 dBm

*Att 40 dB

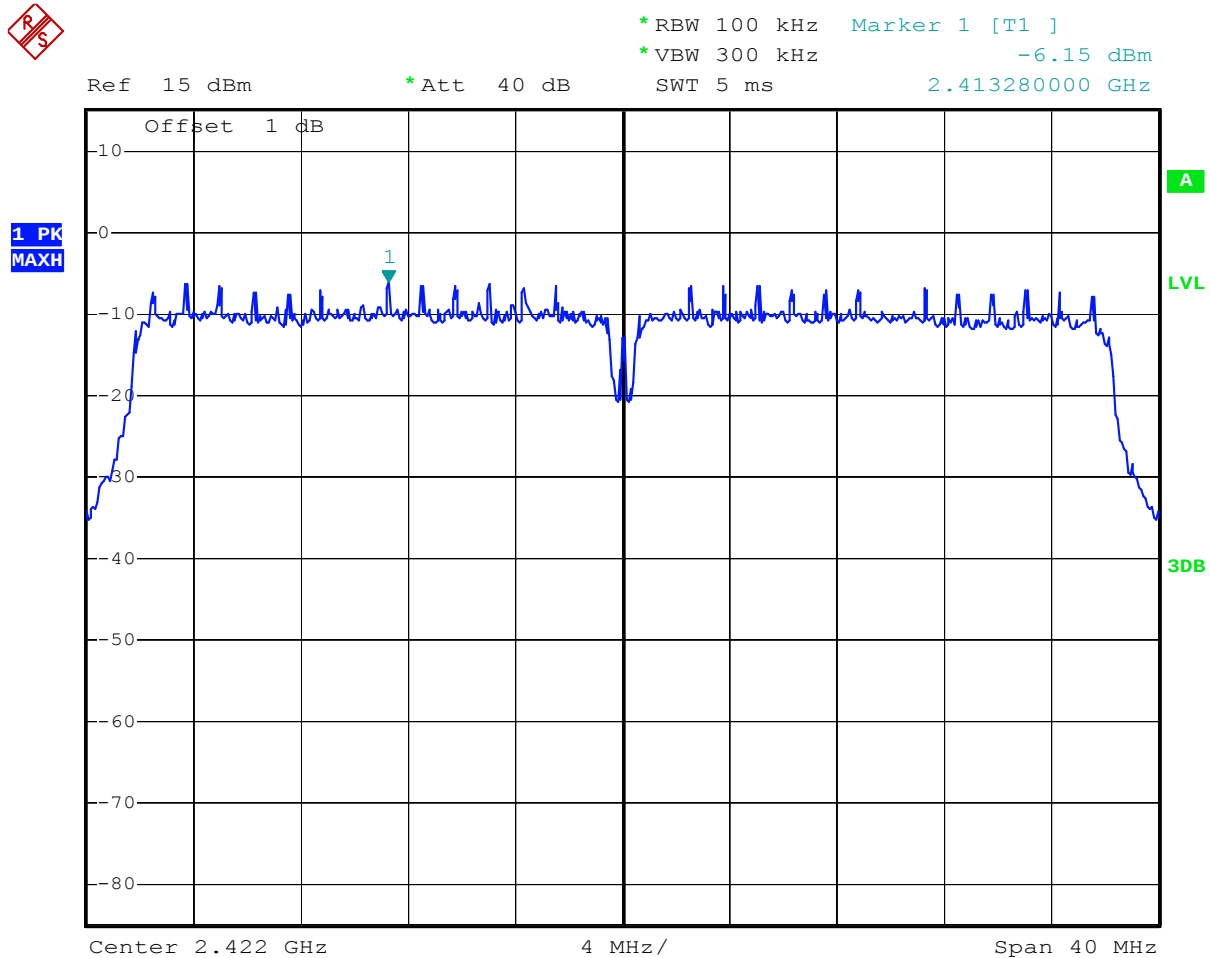
SWT 2.5 ms

2.457040000 GHz



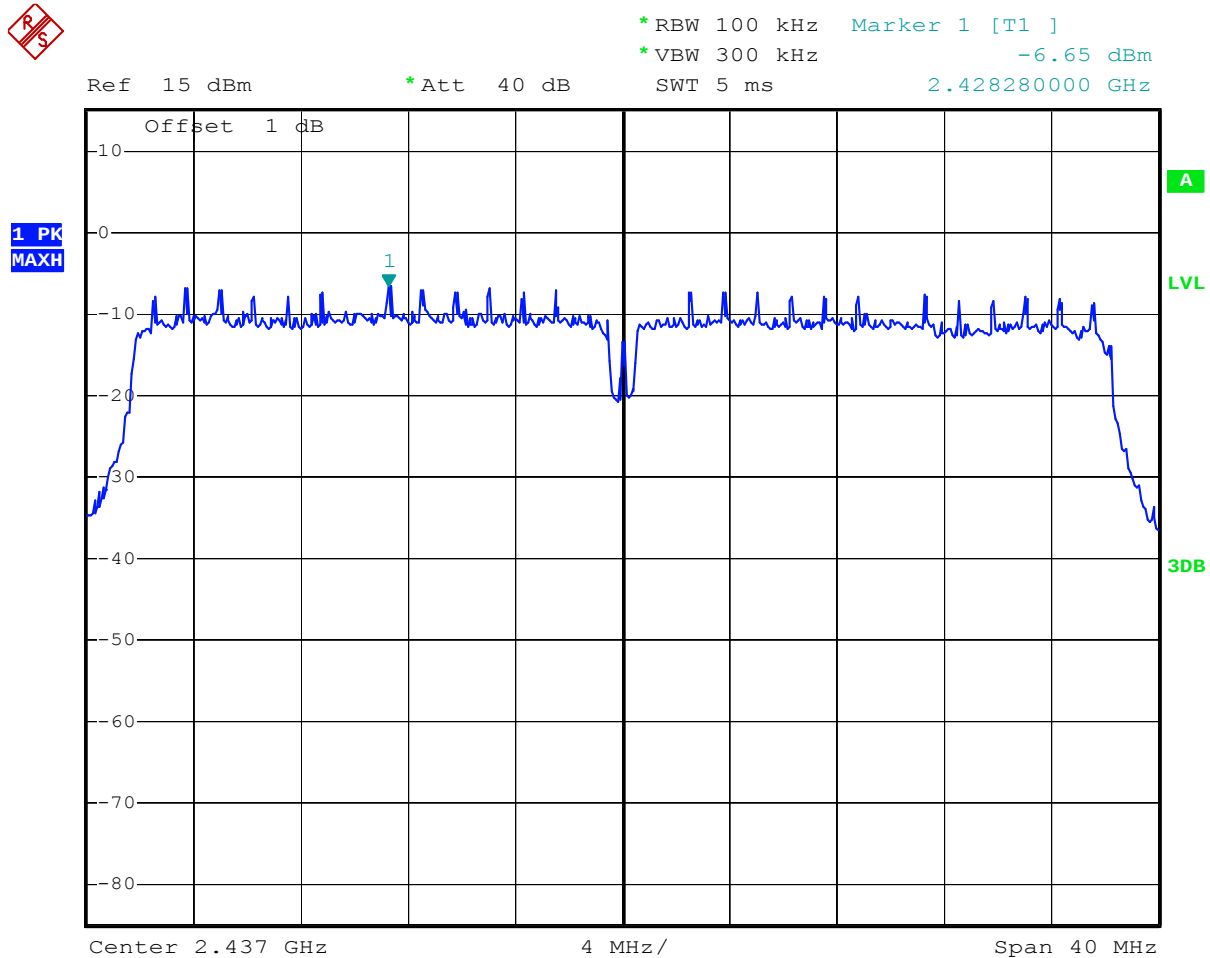
Date: 30.JUL.2012 10:06:00

802.11n Channel Low 2422MHz (40MHz)



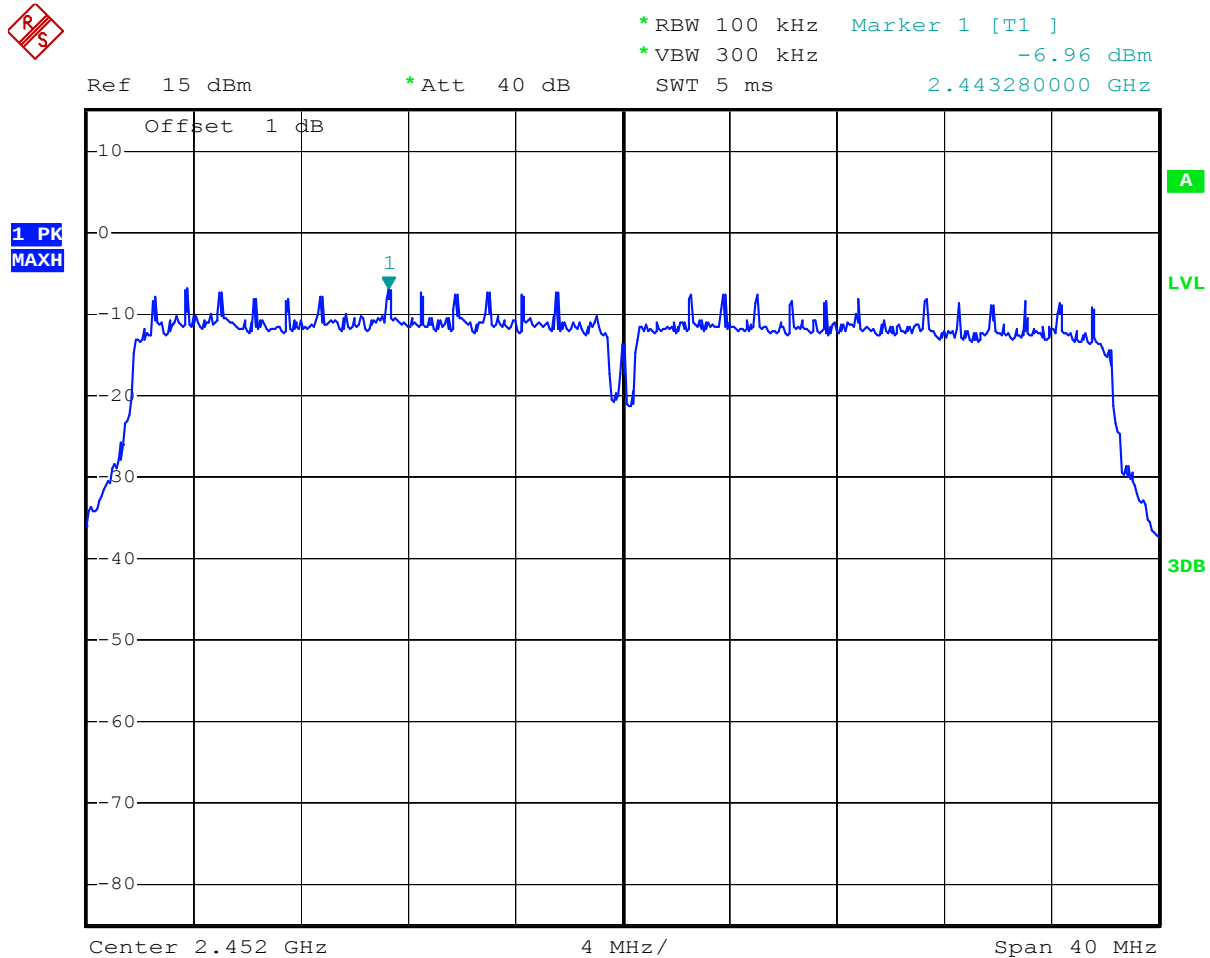
Date: 30.JUL.2012 10:18:21

802.11n Channel Middle 2437MHz (40MHz)



Date: 30.JUL.2012 10:26:39

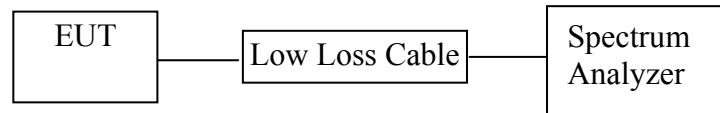
802.11n Channel High 2452MHz (40MHz)



Date: 30.JUL.2012 10:43:00

8. BAND EDGE COMPLIANCE TEST

8.1. Block Diagram of Test Setup



(EUT: 10 inch Tablet PC)

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. 10 inch Tablet PC (EUT)

Model Number	: TB1082B
Serial Number	: N/A
Manufacturer	: GLOBAL CIRCUIT(SHENZHEN),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 100 kHz and VBW to 300 kHz.

Radiate Band Edge:

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

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

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

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

RBW=1MHz, VBW=1MHz

8.5.7. The band edges was measured and recorded.

8.6. Test Result

Pass**Conducted test**

Date of Test:	Jul 30, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Ricky

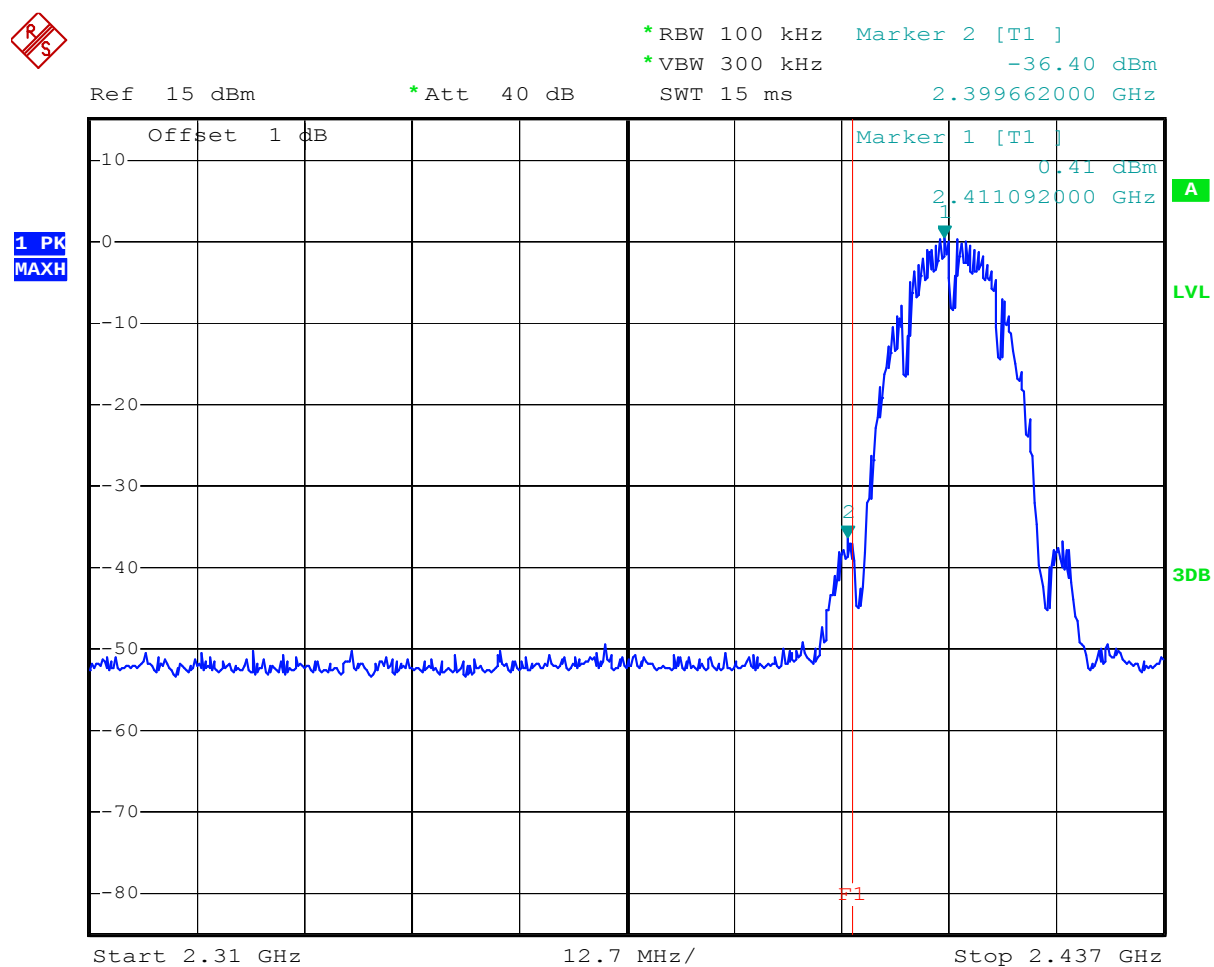
The test was performed with 802.11b		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412 36.81		> 20dBc
2462 50.12		> 20dBc

The test was performed with 802.11g		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412 32.63		> 20dBc
2462 44.59		> 20dBc

The test was performed with 802.11n (20MHz)		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412 30.32		> 20dBc
2462 44.17		> 20dBc

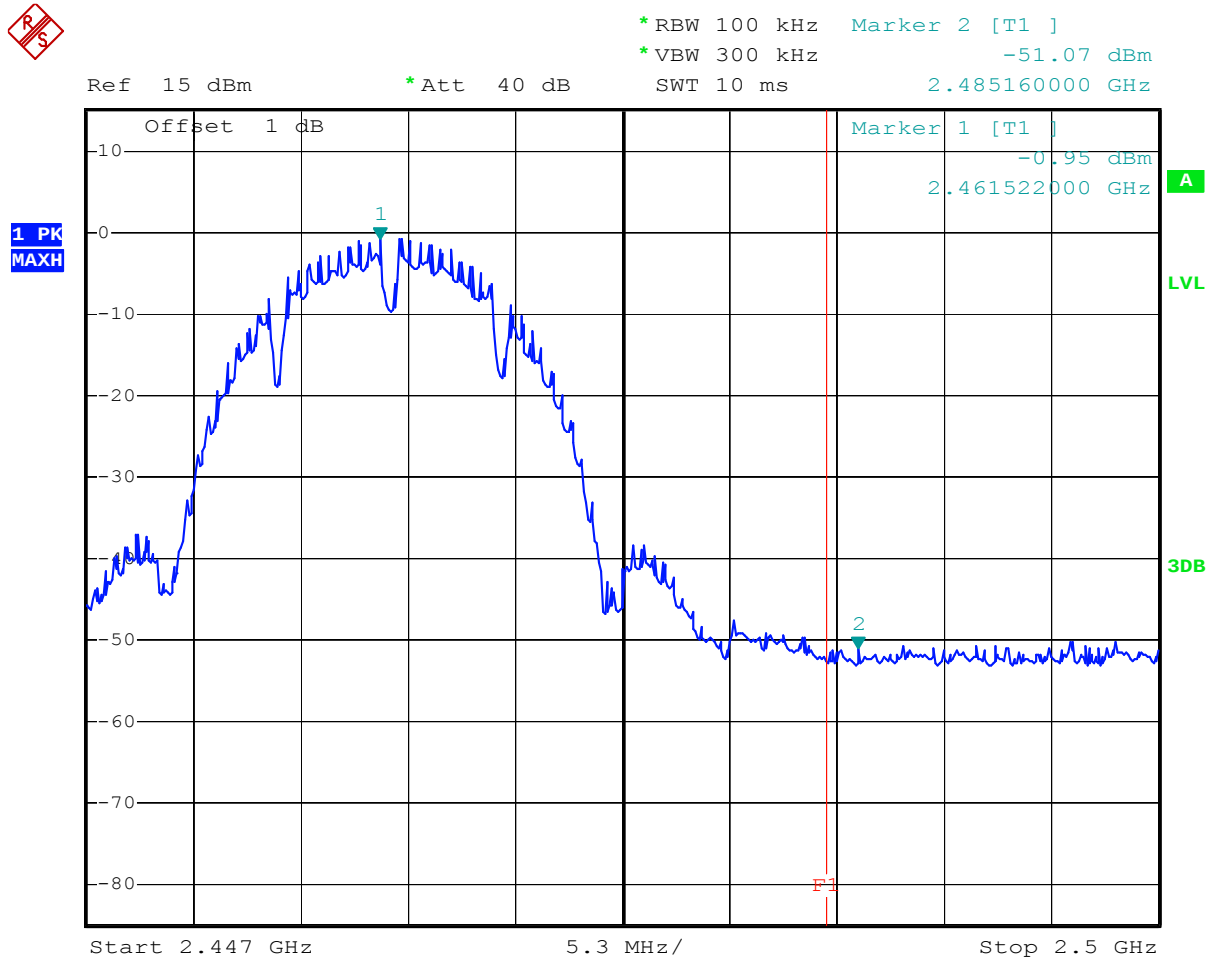
The test was performed with 802.11n (40MHz)		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2422 27.13		> 20dBc
2452 43.12		> 20dBc

802.11b Channel Low 2412MHz



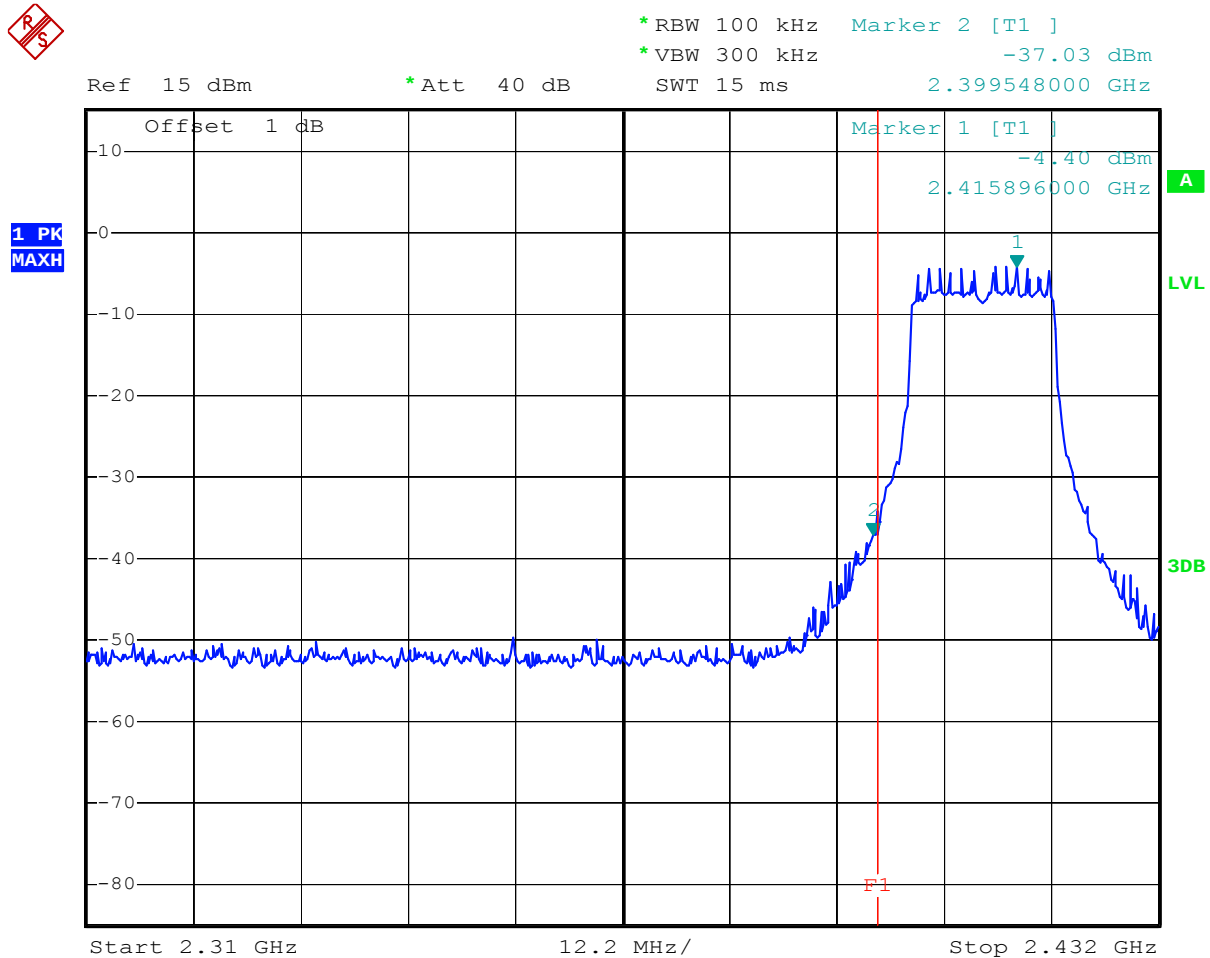
Date: 30.JUL.2012 09:25:30

802.11b Channel High 2462MHz



Date: 30.JUL.2012 09:24:20

802.11g Channel Low 2412MHz

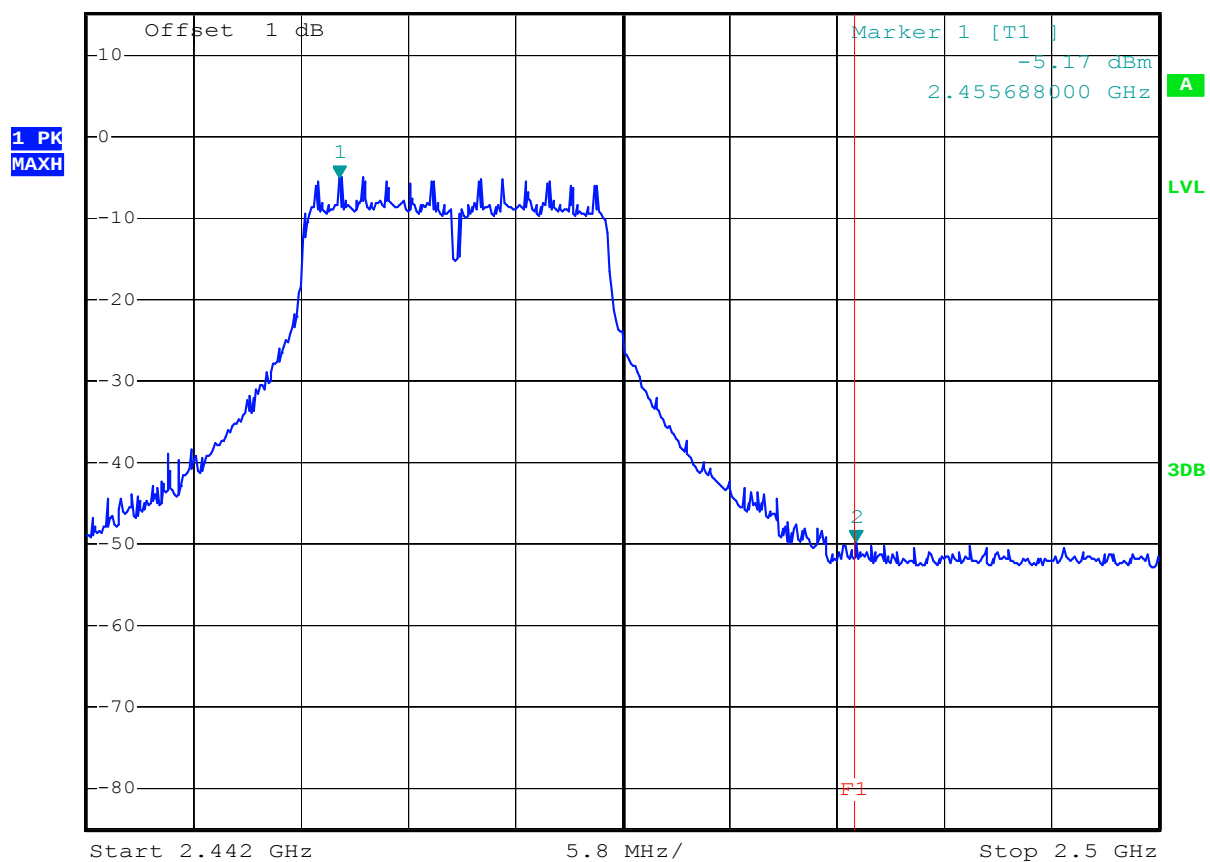


Date: 30.JUL.2012 09:36:00

802.11g Channel High 2462MHz



*RBW 100 kHz Marker 2 [T1]
 *VBW 300 kHz -49.76 dBm
 Ref 15 dBm *Att 40 dB SWT 10 ms 2.483644000 GHz

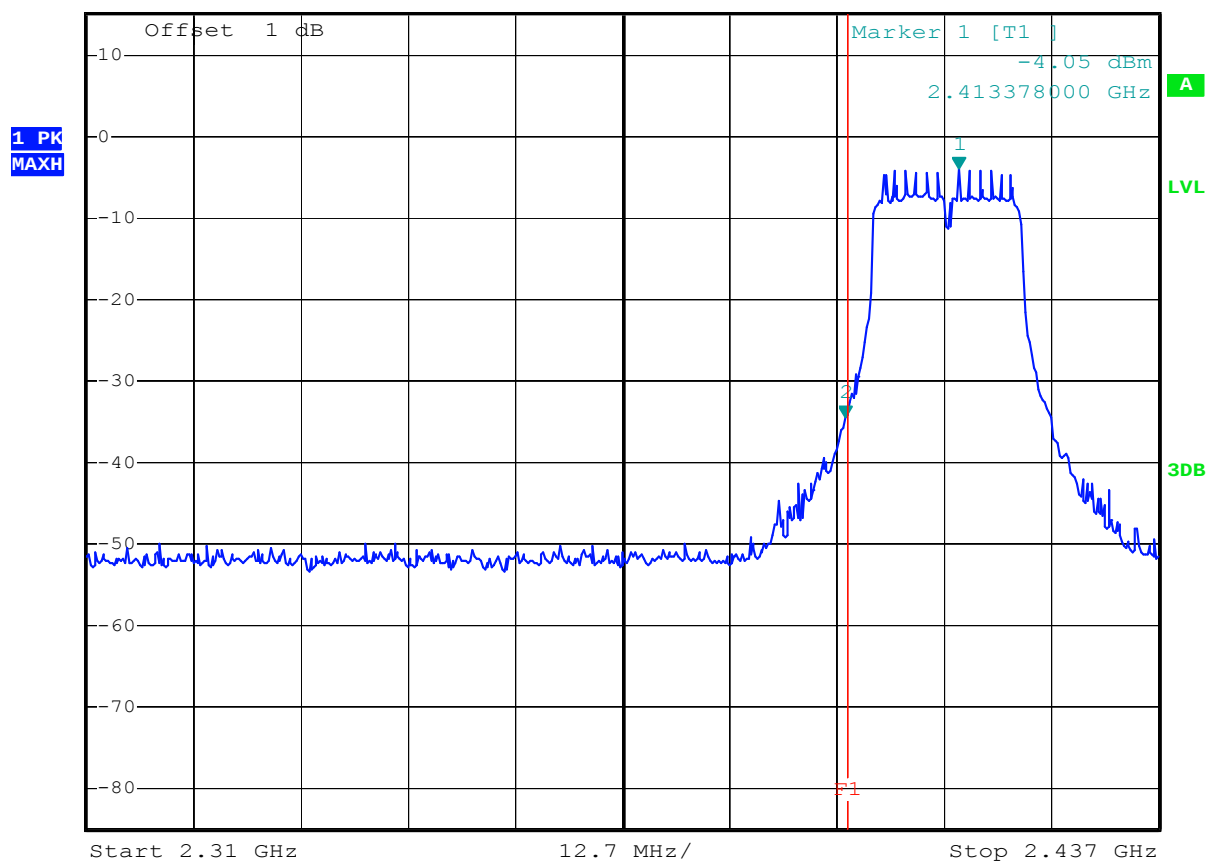


Date: 30.JUL.2012 09:47:55

802.11n Channel Low 2412MHz (20MHz)

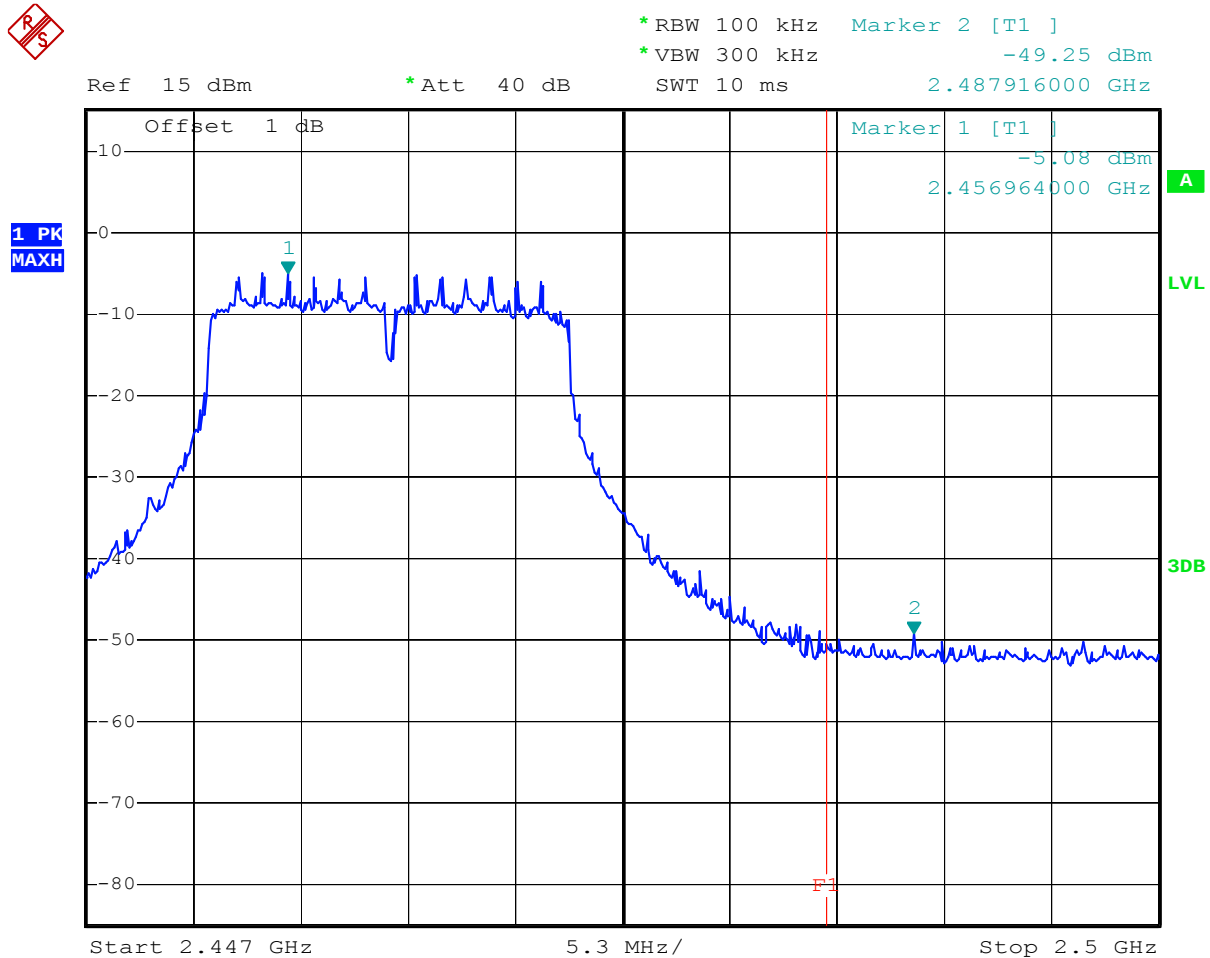


*RBW 100 kHz Marker 2 [T1]
 *VBW 300 kHz -34.37 dBm
 Ref 15 dBm *Att 40 dB SWT 15 ms 2.399916000 GHz



Date: 30.JUL.2012 09:54:51

802.11n Channel High 2462MHz (20MHz)

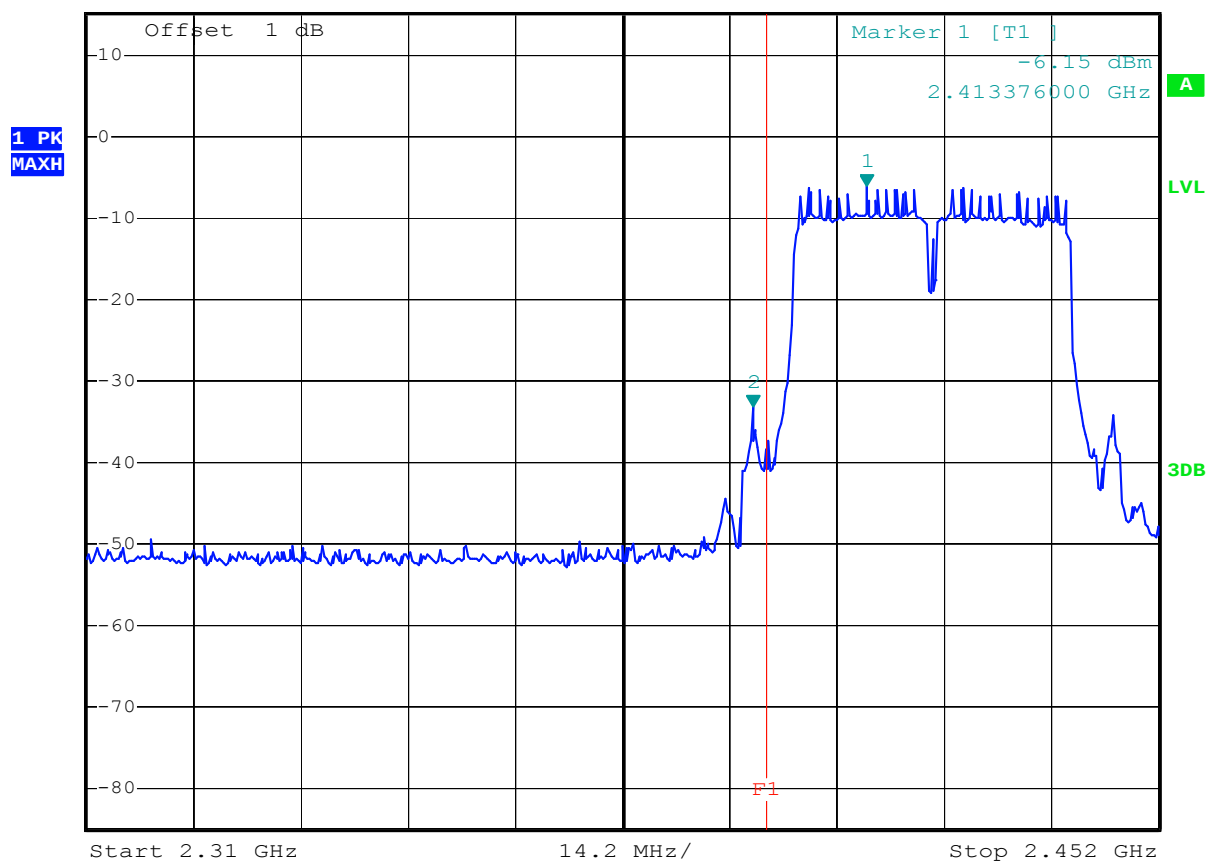


Date: 30.JUL.2012 10:07:03

802.11n Channel Low 2422MHz (40MHz)

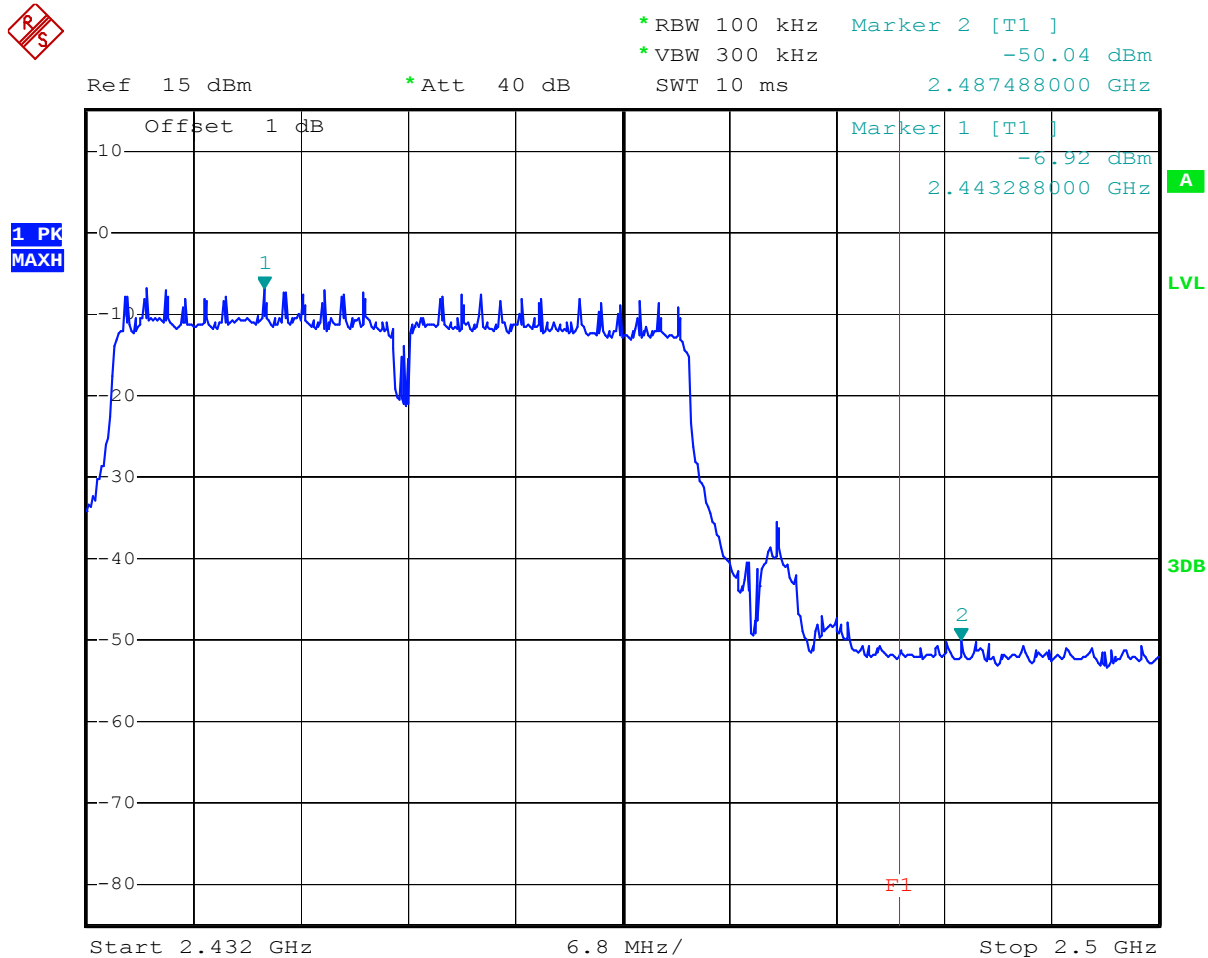


*RBW 100 kHz Marker 2 [T1]
 *VBW 300 kHz -33.28 dBm
 Ref 15 dBm *Att 40 dB SWT 15 ms 2.398324000 GHz



Date: 30.JUL.2012 10:19:35

802.11n Channel High 2452MHz (40MHz)



Date: 30.JUL.2012 10:44:34

Radiated Band Edge Result

Date of Test:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Ricky

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	41.99	47.06	-7.81	34.18	39.25	54	74	-19.82	-34.75	Vertical
2332.164	42.19	47.56	-7.81	34.38	39.75	54	74	-19.62	-34.25	Vertical
2390.000	42.78	47.44	-7.53	35.25	39.91	54	74	-18.75	-34.09	Vertical
2310.000	40.15	45.98	-7.81	32.34	38.17	54	74	-21.66	-35.83	Horizontal
2332.136	41.68	46.94	-7.81	33.87	39.13	54	74	-20.13	-34.87	Horizontal
2390.000	43.18	48.39	-7.53	35.65	40.65	54	74	-18.35	-33.14	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:

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

3. Display the measurement of peak values.

Date of Test:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	42.57	47.22	-7.39	35.20	39.85	54	74	-18.80	-34.15	Vertical
2487.904	41.58	46.28	-7.37	34.20	38.90	54	74	-19.80	-35.10	Vertical
2500.000	42.22	47.08	-7.40	34.82	39.68	54	74	-19.18	-34.32	Vertical
2483.500	41.98	46.08	-7.37	34.61	38.71	54	74	-19.39	-35.29	Horizontal
2487.904	41.55	46.39	-7.38	34.17	39.01	54	74	-19.83	-34.99	Horizontal
2500.000	42.17	47.50	-7.40	34.77	40.10	54	74	-19.23	-33.90	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Ricky

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	42.17	47.01	-7.81	34.36	39.20	54	74	-19.64	-34.80	Vertical
2332.170	43.57	47.74	-7.81	35.76	39.93	54	74	-18.24	-34.07	Vertical
2390.000	42.39	47.44	-7.53	34.86	39.91	54	74	-19.14	-34.09	Vertical
2310.000	41.57	46.74	-7.81	33.76	38.93	54	74	-20.24	-35.07	Horizontal
2332.170	42.58	46.07	-7.81	34.77	38.26	54	74	-39.23	-35.74	Horizontal
2390.000	40.17	45.66	-4.53	32.64	38.13	54	74	-21.36	-35.87	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	41.68	46.01	-7.37	34.31	38.64	54	74	-19.69	-35.36	Vertical
2487.680	40.58	46.20	-7.38	33.20	38.82	54	74	-20.80	-35.18	Vertical
2500.00	43.58	48.25	-7.40	36.18	40.85	54	74	-17.82	-33.15	Vertical
2483.500	41.47	46.32	-7.37	34.10	38.95	54	74	-19.90	-35.05	Horizontal
2487.910	42.17	47.13	-7.38	34.79	39.75	54	74	-19.21	-34.25	Horizontal
2500.00	41.18	46.34	-7.40	33.78	38.94	54	74	-20.22	-35.06	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2412MHz (20MHz) Test	Engineer:	Ricky

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	43.27	48.21	-7.81	35.46	40.40	54	74	-18.54	-33.60	Vertical
2332.170	42.16	47.33	-7.81	34.35	39.52	54	74	-19.65	-34.48	Vertical
2390.000	43.24	48.50	-7.53	35.71	40.97	54	74	-18.29	-33.03	Vertical
2310.000	42.55	46.72	-7.81	34.74	38.91	54	74	-19.26	-35.09	Horizontal
2332.000	41.58	46.88	-7.81	33.77	39.07	54	74	-20.23	-34.93	Horizontal
2390.000	41.89	46.72	-7.53	34.36	39.19	54	74	-19.64	-34.81	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2462MHz (20MHz) Test	Engineer:	Ricky

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	
2483.650	41.47	46.88	-7.37	34.10	39.51	54	74	-19.90	-34.49	Vertical
2487.940	42.58	46.64	-7.38	35.20	39.26	54	74	-18.80	-34.74	Vertical
2500.00	43.55	49.06	-7.40	36.15	41.66	54	74	-17.85	-32.34	Vertical
2483.500	42.68	46.42	-7.37	35.31	39.02	54	74	-18.69	-34.95	Horizontal
2487.940	42.15	46.66	-7.38	34.77	39.28	54	74	-19.23	-34.72	Horizontal
2500.000	41.58	46.34	-7.40	34.18	38.94	54	74	-19.82	-35.06	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	MTB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2422MHz (40MHz) Test	Engineer:	Ricky

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	43.58	48.20	-7.81	35.77	40.39	54	74	-18.23	-33.61	Vertical
2332.140	41.58	46.85	-7.81	33.77	39.04	54	74	-20.23	-34.96	Vertical
2390.000	44.68	49.54	-7.53	37.15	42.01	54	74	-16.85	-31.99	Vertical
2310.000	42.17	48.12	-7.81	34.36	40.31	54	74	-19.64	-33.69	Horizontal
2332.140	41.68	46.57	-7.81	33.87	38.76	54	74	-20.13	-35.24	Horizontal
2390.000	45.98	50.83	-7.53	38.45	43.30	54	74	-15.55	-30.70	Horizontal

Note:

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

Date of Test:	Jul 29, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2452MHz (40MHz) Test	Engineer:	Ricky

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	42.37	47.57	-7.37	36.00	40.20	54	74	-18.00	-33.80	Vertical
2487.000	42.17	47.04	-7.38	34.79	39.66	54	74	-19.21	-34.34	
2500.000	43.68	49.30	-7.40	36.28	41.90	54	74	-17.72	-32.10	
2483.500	43.56	49.77	-7.37	36.19	42.40	54	74	-17.81	-31.60	Horizontal
2487.460	44.56	49.77	-7.38	37.18	42.39	54	74	-16.82	-31.61	
2500.000	42.68	47.88	-7.40	35.28	40.48	54	74	-18.72	-33.52	

Note:

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



ACCURATE TECHNOLOGY CO., LTD.

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

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

Job No.: T #216

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 1(802.11b)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Horizontal

Power Source: AC 120V/60Hz

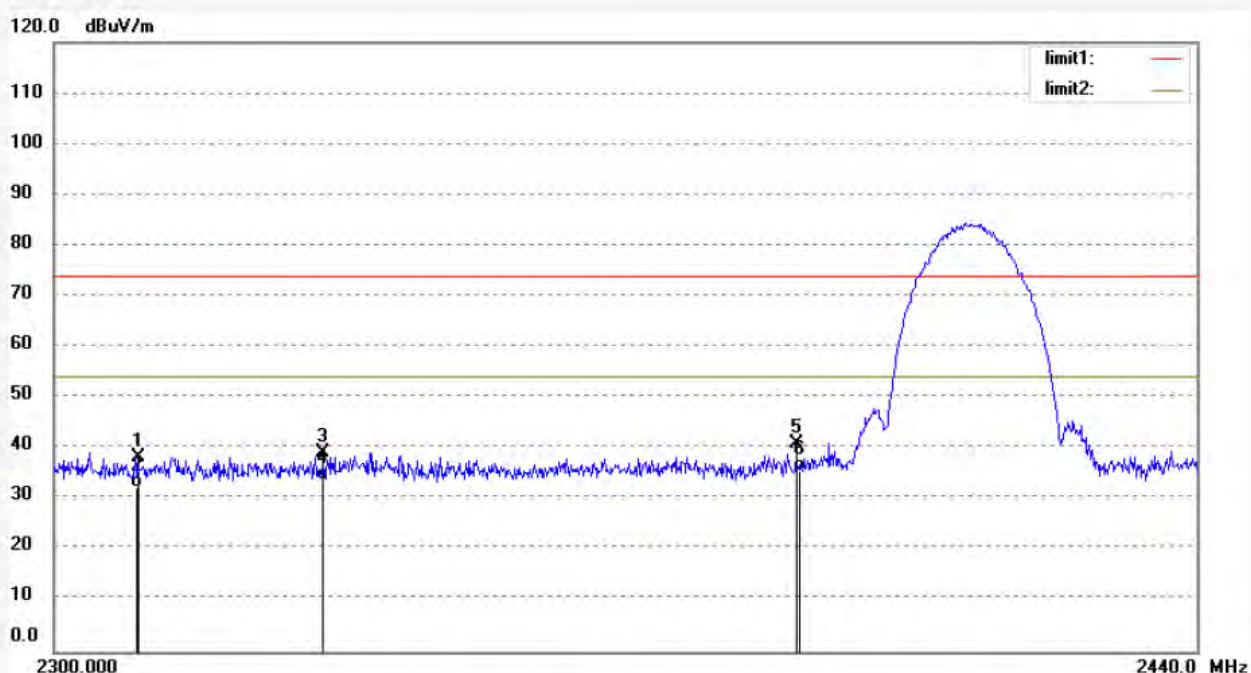
Date: 2012/07/31

Time: 18:27:16

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



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	45.98	-7.81	38.17	74.00	-35.83	peak			
2	2310.000	40.15	-7.81	32.34	54.00	-21.66	AVG			
3	2332.136	46.94	-7.81	39.13	74.00	-34.87	peak			
4	2332.136	41.68	-7.81	33.87	54.00	-20.13	AVG			
5	2390.000	48.39	-7.53	40.86	74.00	-33.14	peak			
6	2390.000	43.18	-7.53	35.65	54.00	-18.35	AVG			



ACCURATE TECHNOLOGY CO., LTD.

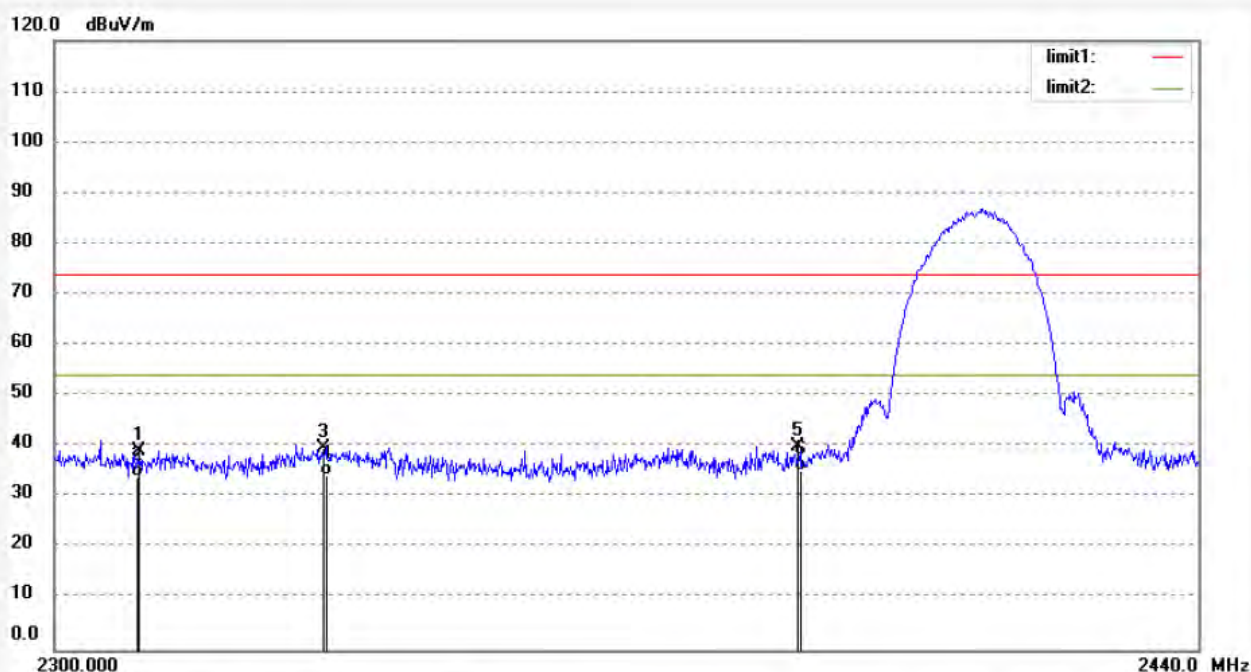
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: T #217
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 10 inch Tablet PC
Mode: TX Channel 1(802.11b)
Model: TB1082B
Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/07/31
Time: 18:31:32
Engineer Signature:Ricky
Distance: 3m

Note: Report NO.:ATE20121579



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	47.06	-7.81	39.25	74.00	-34.75	peak			
2	2310.000	41.99	-7.81	34.18	54.00	-19.82	AVG			
3	2332.164	47.56	-7.81	39.75	74.00	-34.25	peak			
4	2332.164	42.19	-7.81	34.38	54.00	-19.62	AVG			
5	2390.000	47.44	-7.53	39.91	74.00	-34.09	peak			
6	2390.000	42.78	-7.53	35.25	54.00	-18.75	AVG			



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.: T #218

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 11(802.11b)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Vertical

Power Source: AC 120V/60Hz

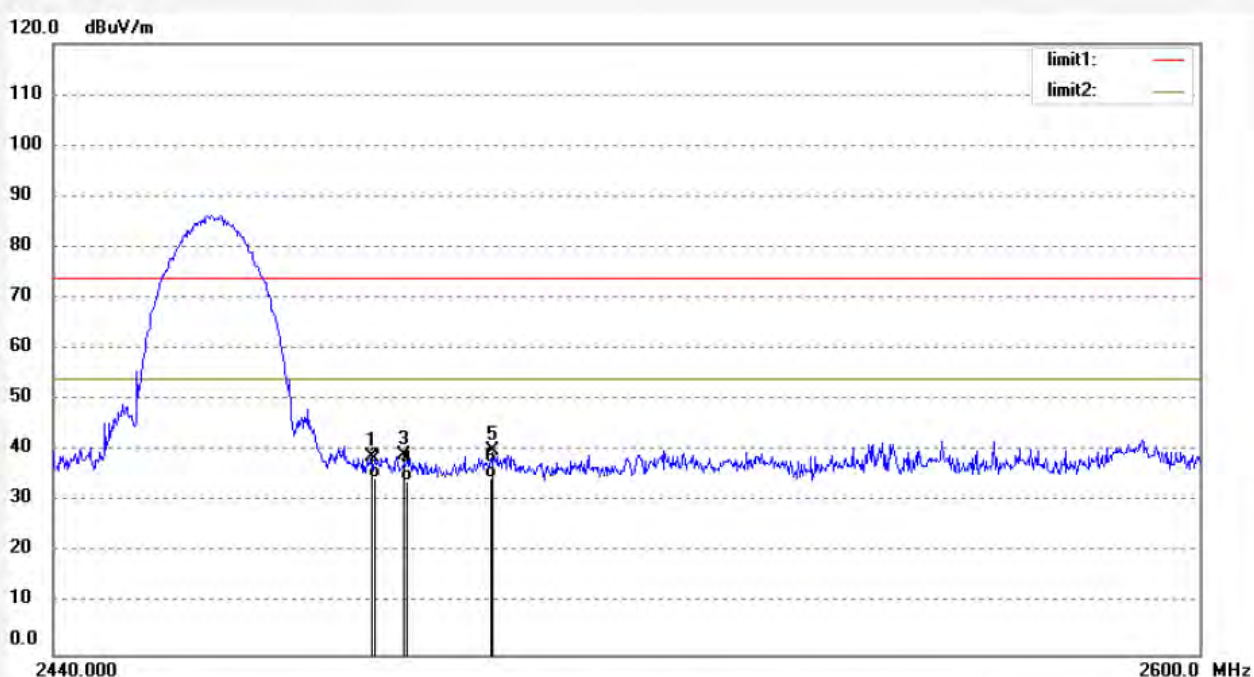
Date: 2012/07/31

Time: 18:35:25

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.08	-7.37	38.71	74.00	-35.29	peak			
2	2483.500	41.98	-7.37	34.61	54.00	-19.39	AVG			
3	2487.904	46.39	-7.38	39.01	74.00	-34.99	peak			
4	2487.904	41.55	-7.38	34.17	54.00	-19.83	AVG			
5	2500.000	47.50	-7.40	40.10	74.00	-33.90	peak			
6	2500.000	42.17	-7.40	34.77	54.00	-19.23	AVG			



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.: T #219

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 11(802.11b)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Horizontal

Power Source: AC 120V/60Hz

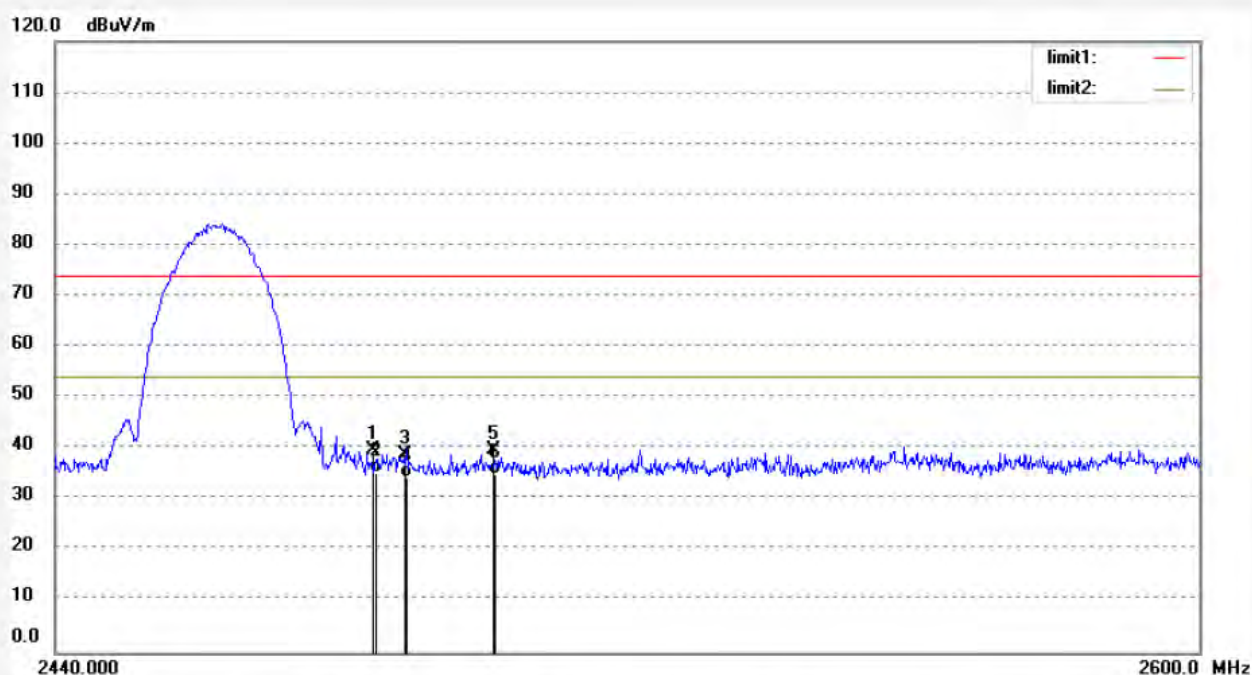
Date: 2012/07/31

Time: 18:38:45

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



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	47.22	-7.37	39.85	74.00	-34.15	peak			
2	2483.500	42.57	-7.37	35.20	54.00	-18.80	AVG			
3	2487.904	46.28	-7.38	38.90	74.00	-35.10	peak			
4	2487.904	41.58	-7.38	34.20	54.00	-19.80	AVG			
5	2500.000	47.08	-7.40	39.68	74.00	-34.32	peak			
6	2500.000	42.22	-7.40	34.82	54.00	-19.18	AVG			



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.: T #220

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 11(802.11g)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Horizontal

Power Source: AC 120V/60Hz

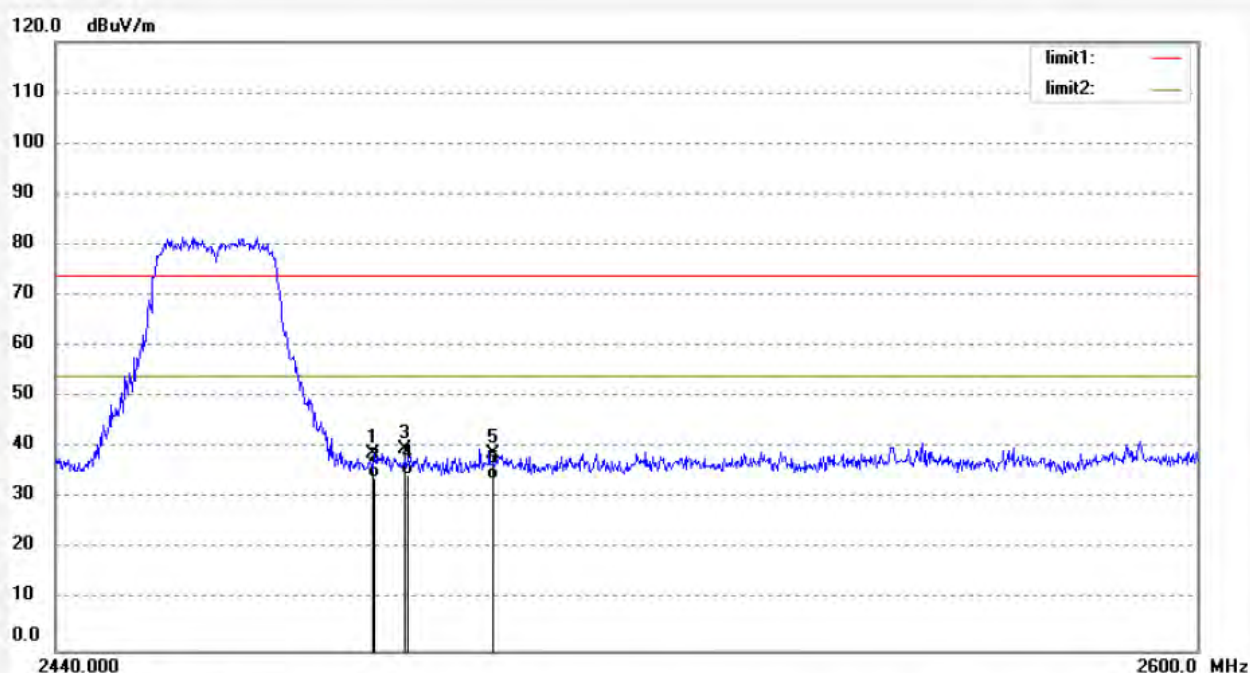
Date: 2012/07/31

Time: 18:43:24

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.32	-7.37	38.95	74.00	-35.05	peak			
2	2483.500	41.47	-7.37	34.10	54.00	-19.90	AVG			
3	2487.910	47.13	-7.38	39.75	74.00	-34.25	peak			
4	2487.910	42.17	-7.38	34.79	54.00	-19.21	AVG			
5	2500.000	46.34	-7.40	38.94	74.00	-35.06	peak			
6	2500.000	41.18	-7.40	33.78	54.00	-20.22	AVG			



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.: T #221

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 11(802.11g)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Vertical

Power Source: AC 120V/60Hz

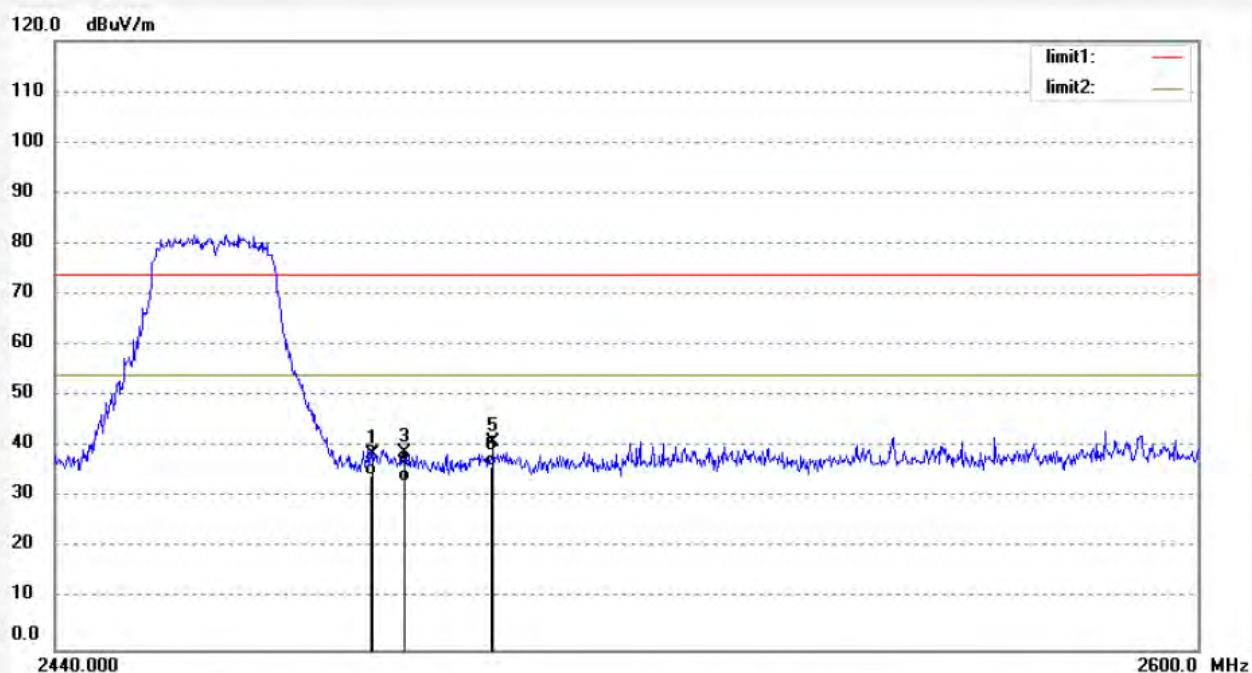
Date: 2012/07/31

Time: 18:46:38

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.01	-7.37	38.64	74.00	-35.36	peak			
2	2483.500	41.68	-7.37	34.31	54.00	-19.69	AVG			
3	2487.680	46.20	-7.38	38.82	74.00	-35.18	peak			
4	2487.680	40.58	-7.38	33.20	54.00	-20.80	AVG			
5	2500.000	48.25	-7.40	40.85	74.00	-33.15	peak			
6	2500.000	43.58	-7.40	36.18	54.00	-17.82	AVG			



ACCURATE TECHNOLOGY CO., LTD.

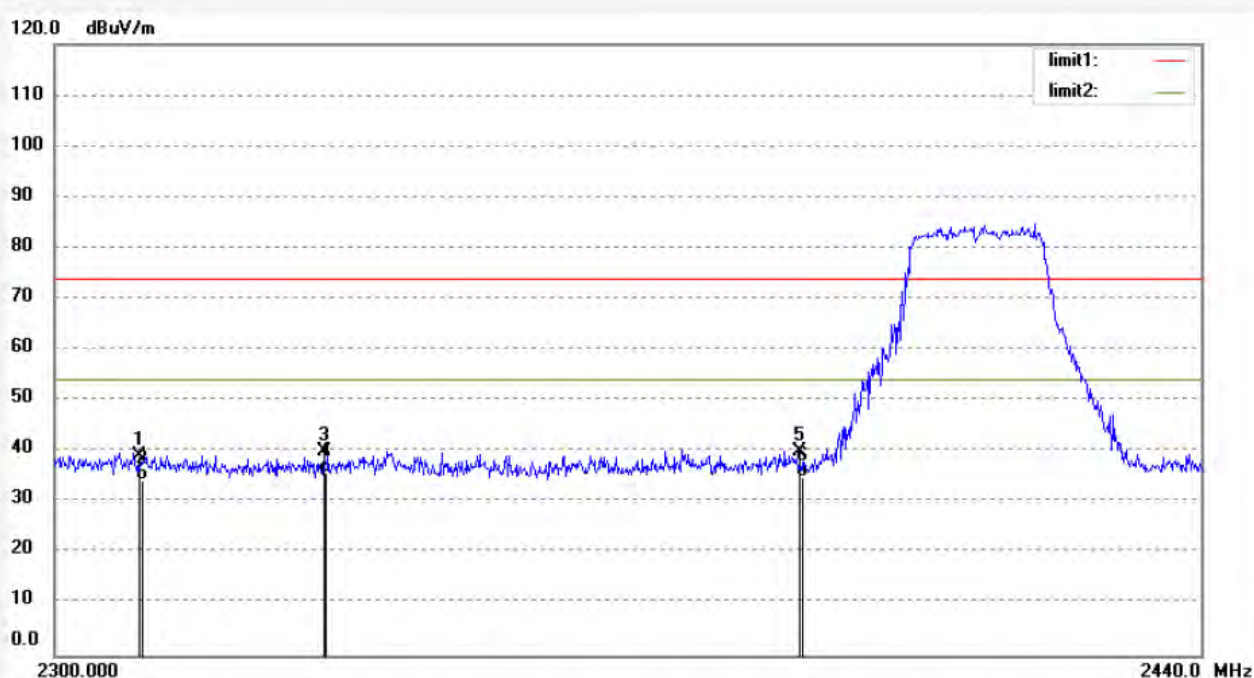
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: T #222
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 10 inch Tablet PC
Mode: TX Channel 1(802.11g)
Model: TB1082B
Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/07/31
Time: 18:49:19
Engineer Signature:Ricky
Distance: 3m

Note: Report NO.:ATE20121579



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	47.01	-7.81	39.20	74.00	-34.80	peak			
2	2310.000	42.17	-7.81	34.36	54.00	-19.64	AVG			
3	2332.170	47.74	-7.81	39.93	74.00	-34.07	peak			
4	2332.170	43.57	-7.81	35.76	54.00	-18.24	AVG			
5	2390.000	47.44	-7.53	39.91	74.00	-34.09	peak			
6	2390.000	42.39	-7.53	34.86	54.00	-19.14	AVG			



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.: T #223

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 1(802.11g)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Horizontal

Power Source: AC 120V/60Hz

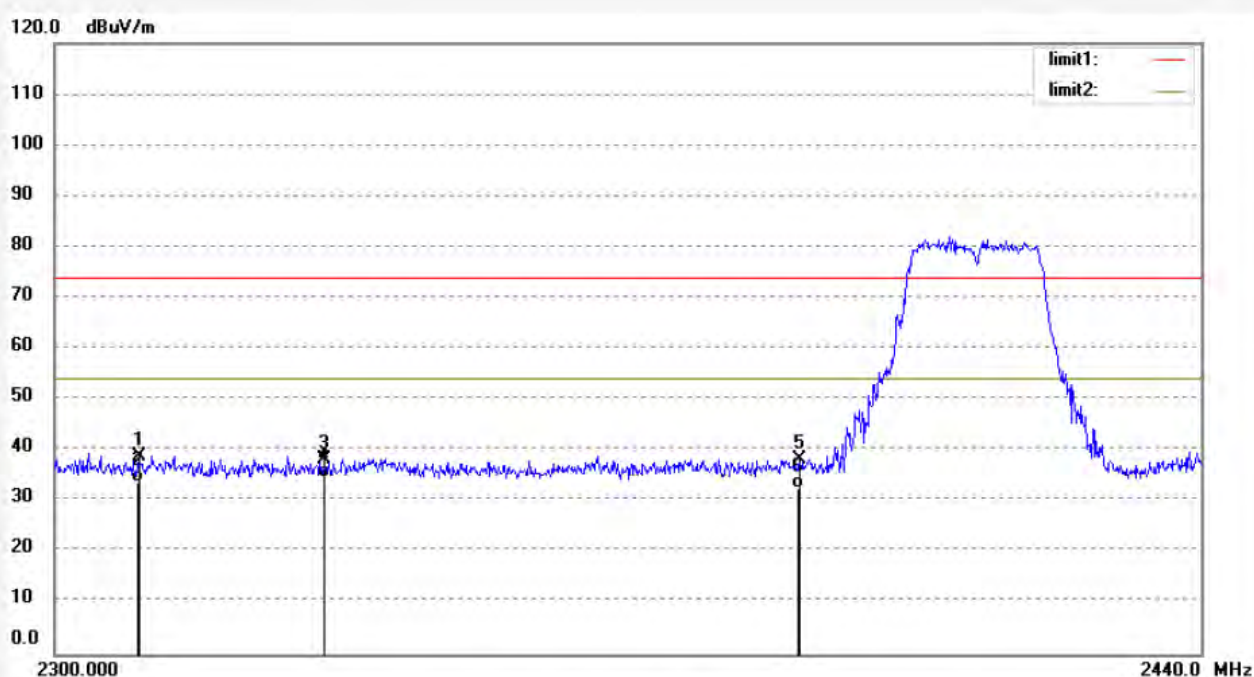
Date: 2012/07/31

Time: 18:53:38

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



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	46.74	-7.81	38.93	74.00	-35.07	peak			
2	2310.000	41.57	-7.81	33.76	54.00	-20.24	AVG			
3	2332.170	46.07	-7.81	38.26	74.00	-35.74	peak			
4	2332.170	42.58	-7.81	34.77	74.00	-39.23	QP			
5	2390.000	45.66	-7.53	38.13	74.00	-35.87	peak			
6	2390.000	40.17	-7.53	32.64	54.00	-21.36	AVG			



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.: T #224

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 1(802.11n)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Horizontal

Power Source: AC 120V/60Hz

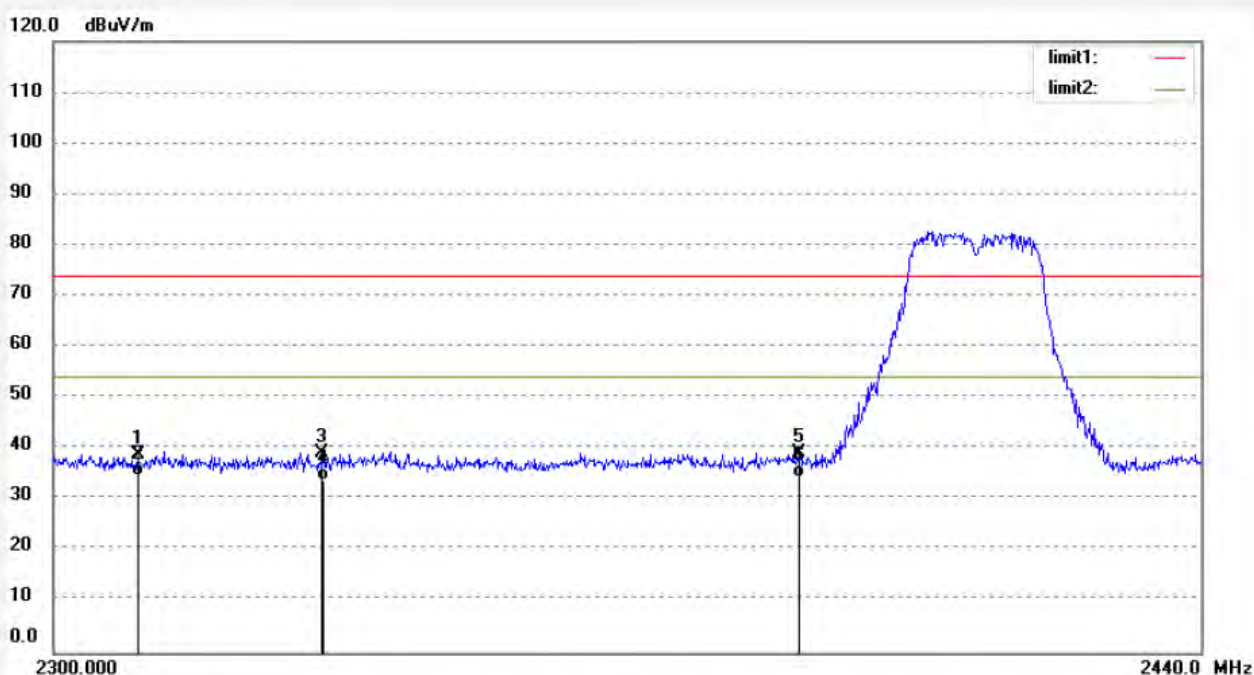
Date: 2012/07/04

Time: 18:57:55

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



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	46.72	-7.81	38.91	74.00	-35.09	peak			
2	2310.000	42.55	-7.81	34.74	54.00	-19.26	AVG			
3	2332.000	46.88	-7.81	39.07	74.00	-34.93	peak			
4	2332.000	41.58	-7.81	33.77	54.00	-20.23	AVG			
5	2390.000	46.72	-7.53	39.19	74.00	-34.81	peak			
6	2390.000	41.89	-7.53	34.36	54.00	-19.64	AVG			



ACCURATE TECHNOLOGY CO., LTD.

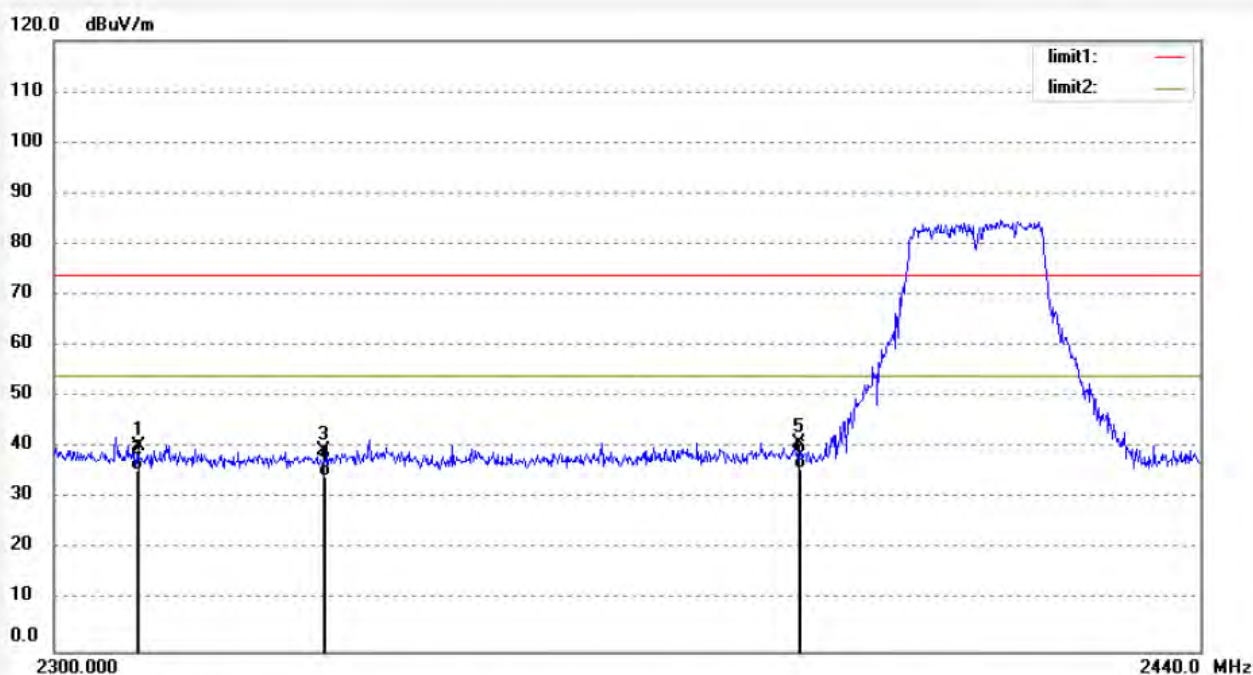
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: T #225
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 10 inch Tablet PC
Mode: TX Channel 1(802.11n)
Model: TB1082B
Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/07/31
Time: 18:59:58
Engineer Signature:Ricky
Distance: 3m

Note: Report NO.:ATE20121579



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	48.21	-7.81	40.40	74.00	-33.60	peak			
2	2310.000	43.27	-7.81	35.46	54.00	-18.54	AVG			
3	2332.170	47.33	-7.81	39.52	74.00	-34.48	peak			
4	2332.170	42.16	-7.81	34.35	54.00	-19.65	AVG			
5	2390.000	48.50	-7.53	40.97	74.00	-33.03	peak			
6	2390.000	43.24	-7.53	35.71	54.00	-18.29	AVG			



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.: T #226

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 11(802.11n)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Vertical

Power Source: AC 120V/60Hz

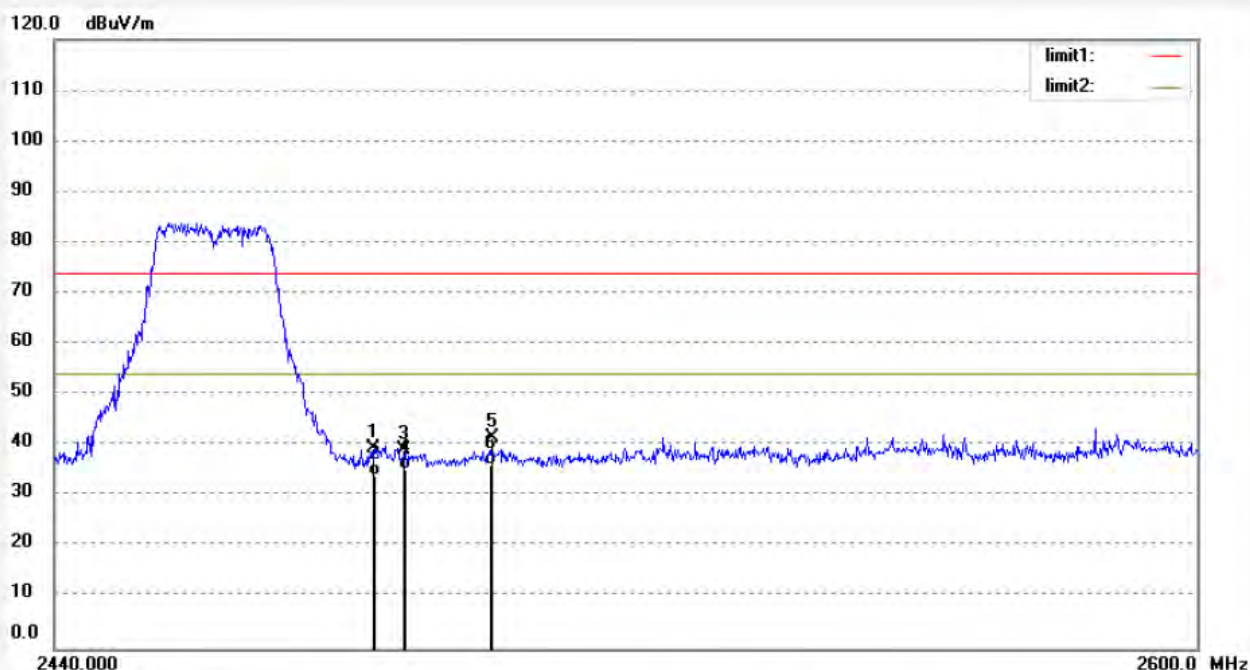
Date: 2012/07/31

Time: 19:03:07

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.650	46.88	-7.37	39.51	74.00	-34.49	peak			
2	2483.650	41.47	-7.37	34.10	54.00	-19.90	AVG			
3	2487.940	46.64	-7.38	39.26	74.00	-34.74	peak			
4	2487.940	42.58	-7.38	35.20	54.00	-18.80	AVG			
5	2500.000	49.06	-7.40	41.66	74.00	-32.34	peak			
6	2500.000	43.55	-7.40	36.15	54.00	-17.85	AVG			



ACCURATE TECHNOLOGY CO., LTD.

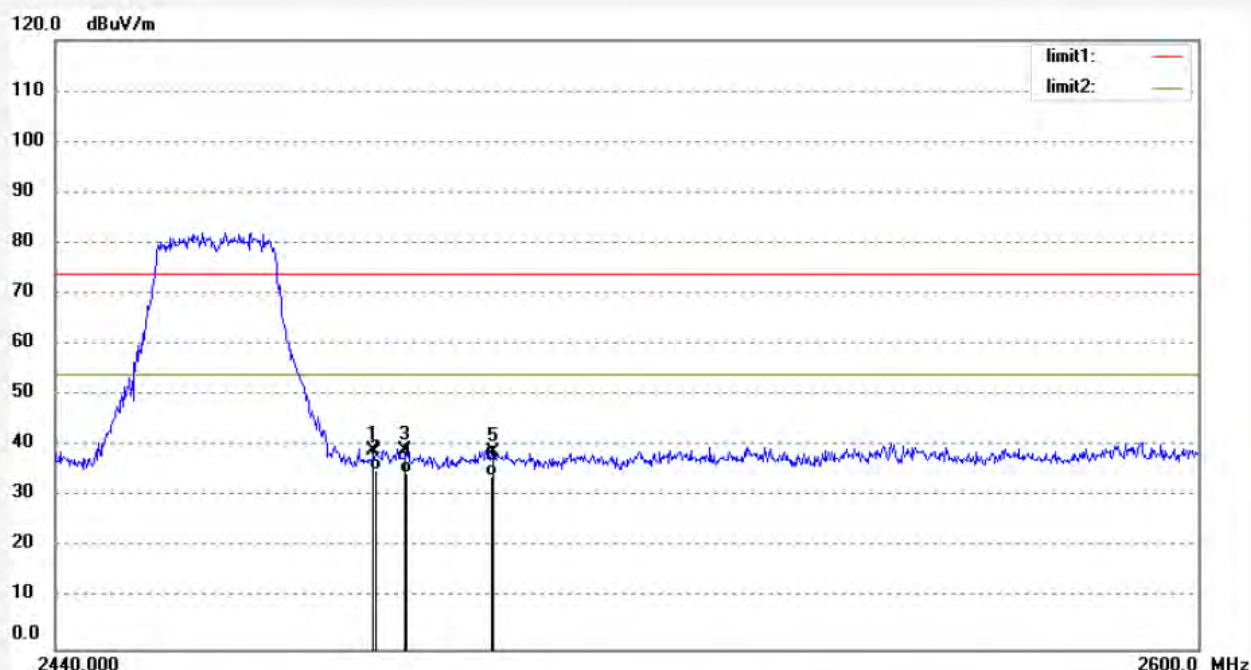
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: T #227
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 10 inch Tablet PC
Mode: TX Channel 11(802.11n)
Model: TB1082B
Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/07/31
Time: 19:06:27
Engineer Signature:Ricky
Distance: 3m

Note: Report NO.:ATE20121579



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.42	-7.37	39.05	74.00	-34.95	peak			
2	2483.500	42.68	-7.37	35.31	54.00	-18.69	AVG			
3	2487.940	46.66	-7.38	39.28	74.00	-34.72	peak			
4	2487.940	42.15	-7.38	34.77	54.00	-19.23	AVG			
5	2500.000	46.34	-7.40	38.94	74.00	-35.06	peak			
6	2500.000	41.58	-7.40	34.18	54.00	-19.82	AVG			



ACCURATE TECHNOLOGY CO., LTD.

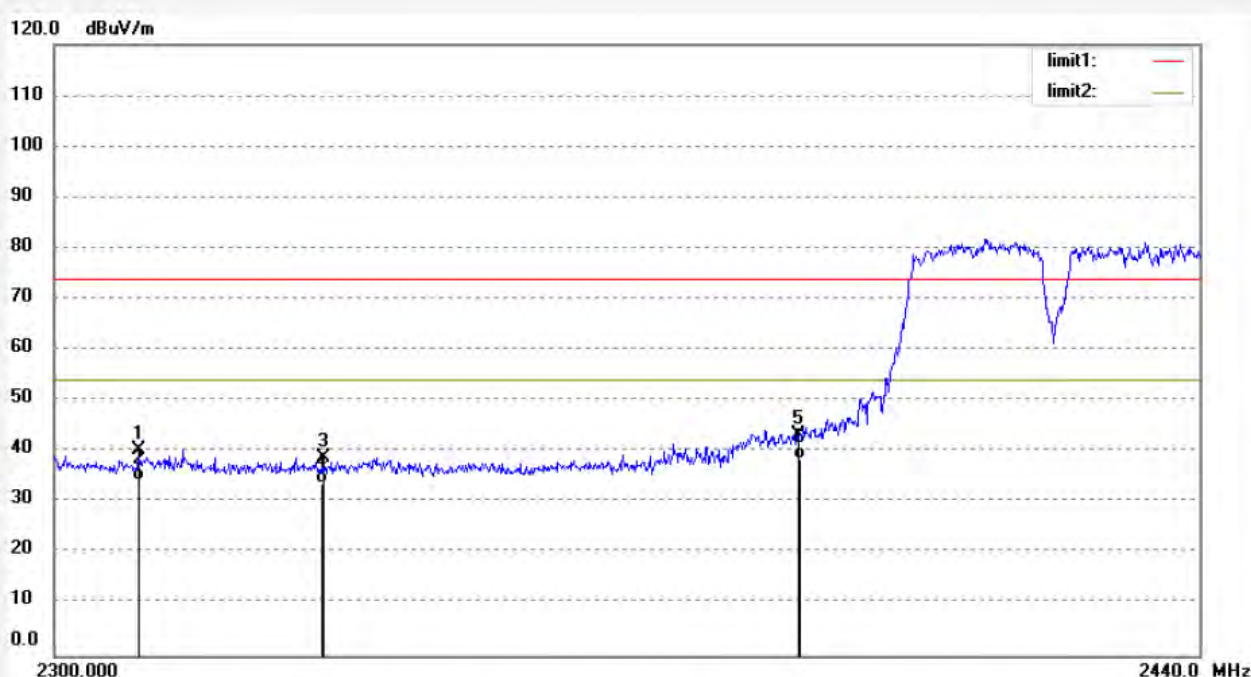
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: T #230
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: 10 inch Tablet PC
Mode: TX Channel 3(802.11n)
Model: TB1082B
Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/08/01/
Time: 09/08/17
Engineer Signature:Ricky
Distance: 3m

Note: Report NO.:ATE20121579



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	48.12	-7.81	40.31	74.00	-33.69	peak			
2	2310.000	42.17	-7.81	34.36	54.00	-19.64	AVG			
3	2332.140	46.57	-7.81	38.76	74.00	-35.24	peak			
4	2332.140	41.68	-7.81	33.87	54.00	-20.13	AVG			
5	2390.000	50.83	-7.53	43.30	74.00	-30.70	peak			
6	2390.000	45.98	-7.53	38.45	54.00	-15.55	AVG			



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.: T #231

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 3(802.11n)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Vertical

Power Source: AC 120V/60Hz

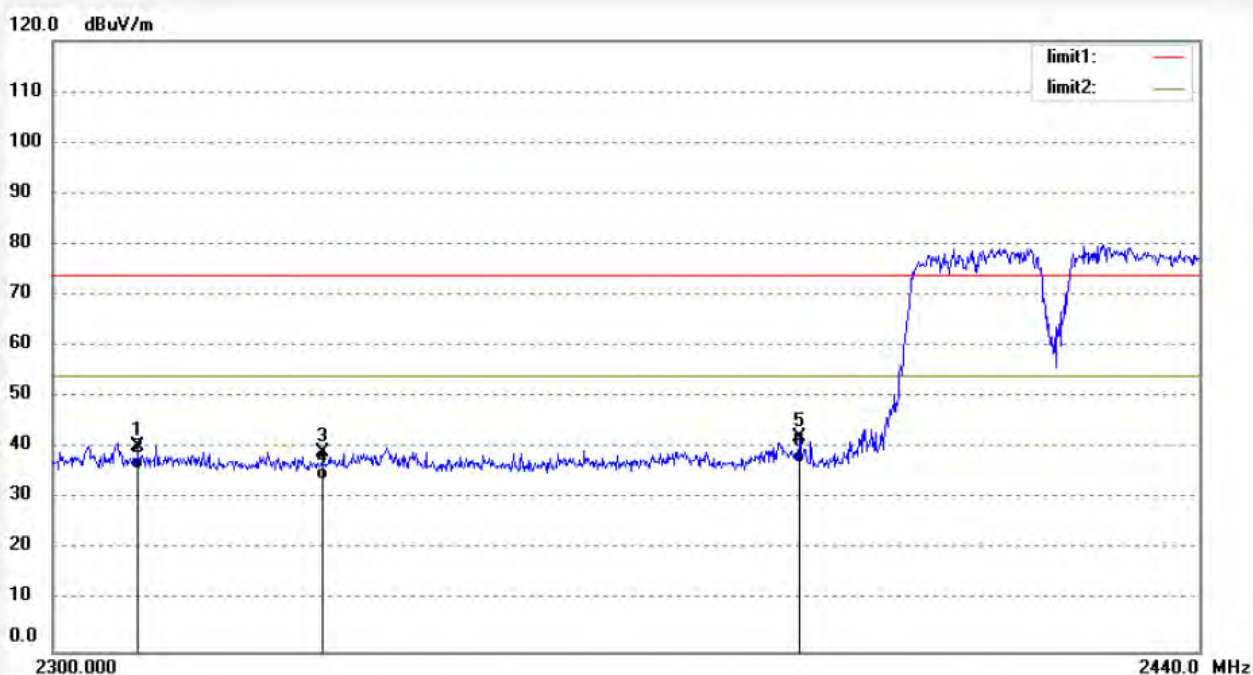
Date: 12/08/01/

Time: 09/11/31

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



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	48.20	-7.81	40.39	74.00	-33.61	peak			
2	2310.000	43.58	-7.81	35.77	54.00	-18.23	AVG			
3	2332.140	46.85	-7.81	39.04	74.00	-34.96	peak			
4	2332.140	41.58	-7.81	33.77	54.00	-20.23	AVG			
5	2390.240	49.54	-7.53	42.01	74.00	-31.99	peak			
6	2390.240	44.68	-7.53	37.15	54.00	-16.85	AVG			



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.: T #232

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 9(802.11n)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Vertical

Power Source: AC 120V/60Hz

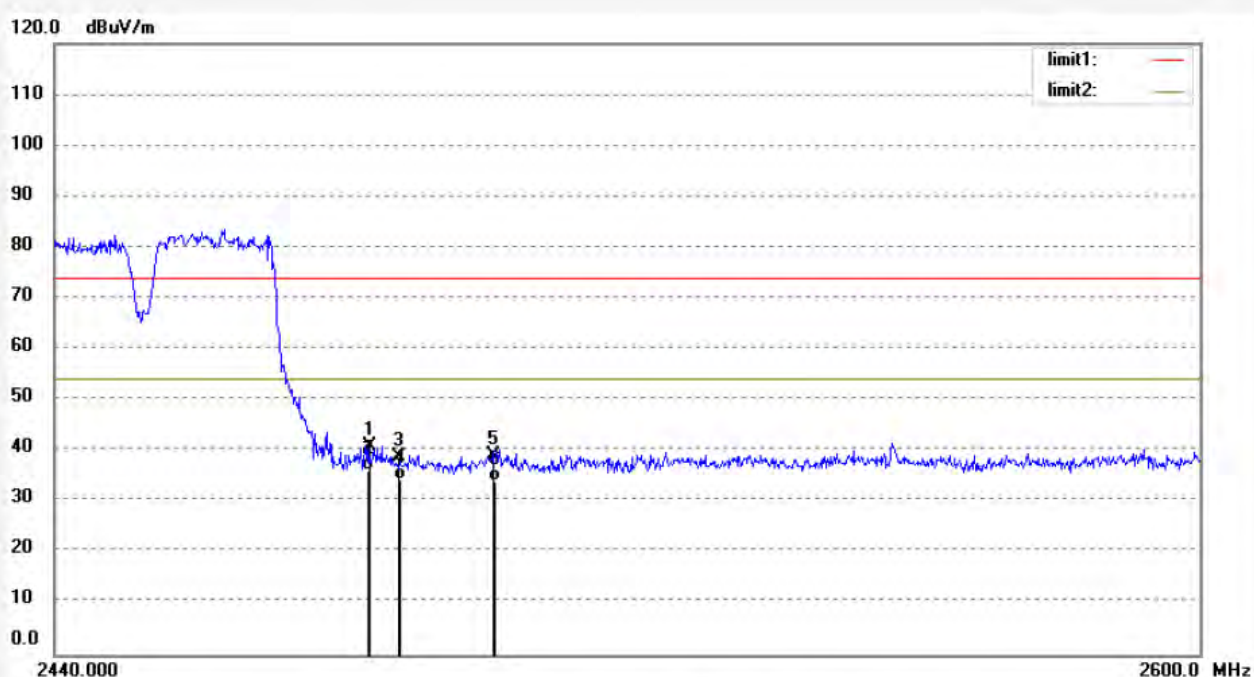
Date: 12/08/01/

Time: 09/14/51

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	48.37	-7.37	41.00	74.00	-33.00	peak			
2	2483.500	43.58	-7.37	36.21	54.00	-17.79	AVG			
3	2487.000	46.33	-7.38	38.95	74.00	-35.05	peak			
4	2487.000	41.68	-7.38	34.30	54.00	-19.70	AVG			
5	2500.000	46.62	-7.40	39.22	74.00	-34.78	peak			
6	2500.000	41.35	-7.40	33.95	54.00	-20.05	AVG			



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.: T#233

Standard: FCC 15C PK

Test item: Radiation Test

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

EUT: 10 inch Tablet PC

Mode: TX Channel 9(802.11n)

Model: TB1082B

Manufacturer: GLOBAL CIRCUIT(SHENZHEN)CO.,LTD

Polarization: Horizontal

Power Source: AC 120V/60Hz

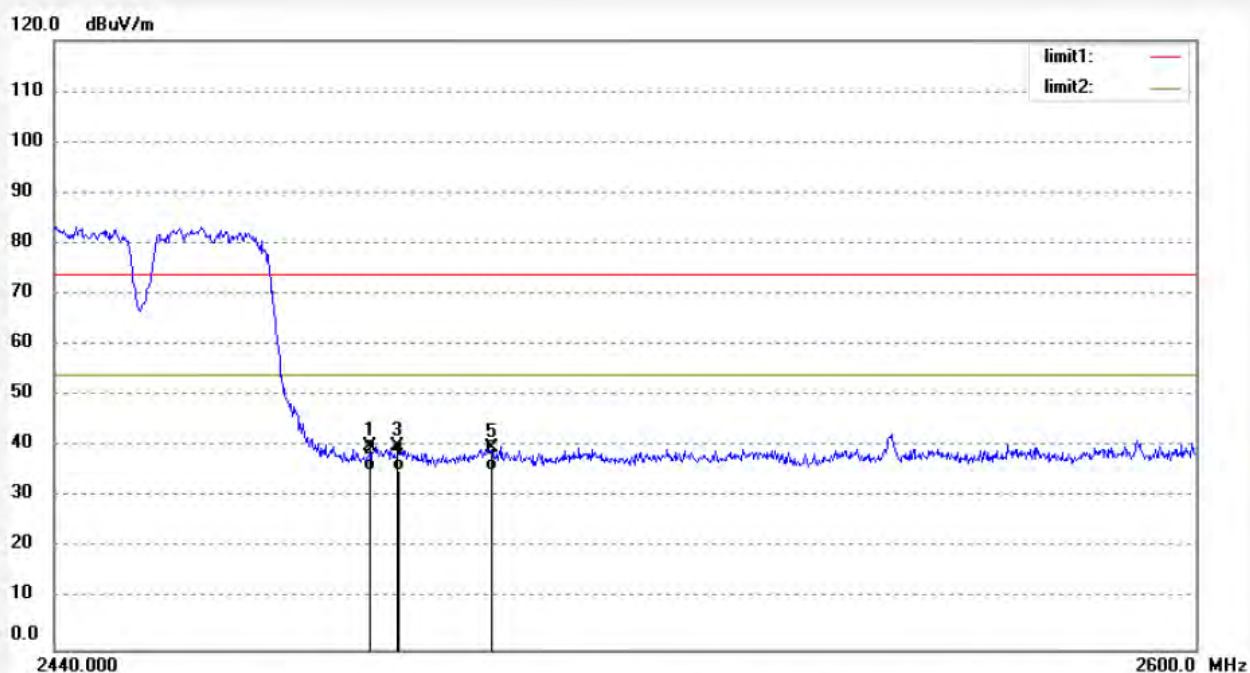
Date: 12/08/01/

Time: 09/19/34

Engineer Signature:Ricky

Distance: 3m

Note: Report NO.:ATE20121579

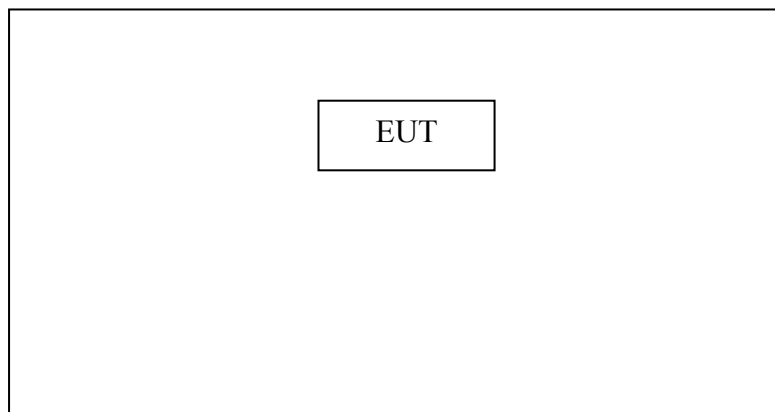


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	47.50	-7.37	40.13	74.00	-33.87	peak			
2	2483.500	42.57	-7.37	35.20	54.00	-18.80	AVG			
3	2487.000	47.49	-7.38	40.11	74.00	-33.89	peak			
4	2487.000	42.69	-7.38	35.31	54.00	-18.69	AVG			
5	2500.000	47.21	-7.40	39.81	74.00	-34.19	peak			
6	2500.000	42.66	-7.40	35.26	54.00	-18.74	AVG			

9. RADIATED SPURIOUS EMISSION TEST

9.1. Block Diagram of Test Setup

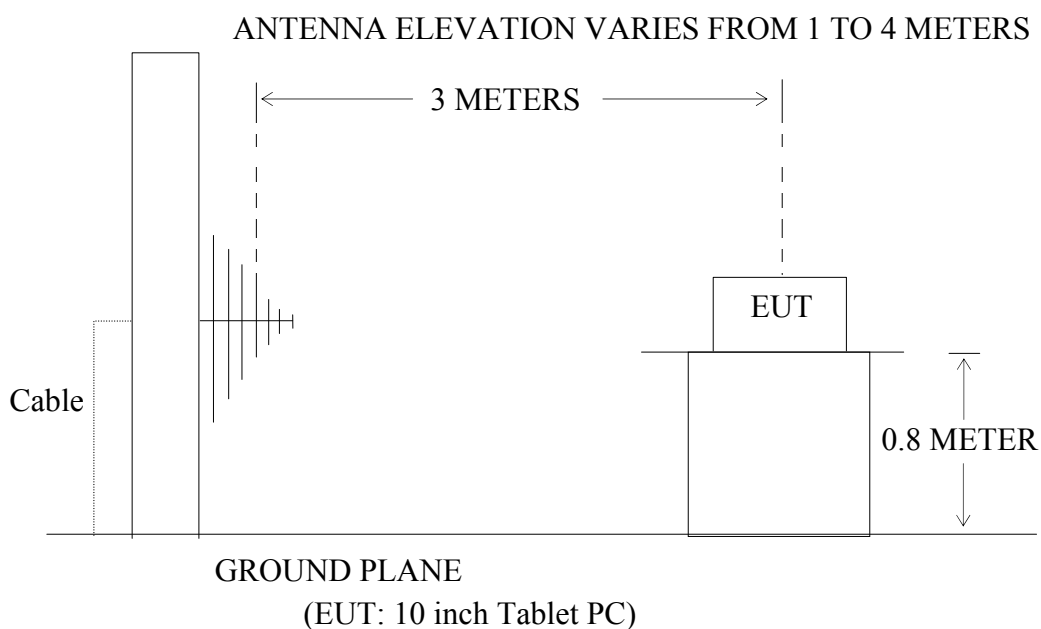
9.1.1. Block diagram of connection between the EUT and peripherals



Setup: Transmitting mode

(EUT: 10 inch Tablet PC)

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. 10 inch Tablet PC (EUT)

Model Number : TB1082B
 Serial Number : N/A
 Manufacturer : GLOBAL CIRCUIT(SHENZHEN),LTD

9.5. Operating Condition of EUT

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

9.5.2. Turn on the power of all equipment.

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

9.6. Test Procedure

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

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

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

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

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

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

Result = Reading + Corrected Factor

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

9.7. The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Ricky

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	
600.000	13.14	25.59	38.73	46.00	-7.27	Vertical
865.3254	10.32	28.64	38.96	46.00	-7.04	Vertical
946.5423	11.24	29.46	40.70	46.00	-5.30	Vertical
420.1425	14.78	23.16	37.94	46.00	-8.05	Horizontal
820.3345	11.25	28.02	39.27	46.00	-6.73	Horizontal
936.4587	10.82	29.26	40.27	46.00	-5.92	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Middle 2437MHz	Test Engineer:	Ricky

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	
607.3658	16.00	25.64	41.64	46.00	-4.36	Vertical
718.9560	13.20	27.05	40.25	46.00	-5.75	Vertical
885.6325	11.42	28.77	40.19	46.00	-5.81	Vertical
645.6357	13.43	26.08	39.51	46.00	-6.49	Horizontal
745.8750	13.62	27.57	41.19	46.00	-4.81	Horizontal
850.2360	11.67	28.36	40.03	46.00	-5.97	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Ricky

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	
564.3587	15.21	25.27	40.48	46.00	-5.52	Vertical
645.3526	14.32	26.08	40.40	46.00	-5.60	Vertical
850.0054	12.20	28.36	40.56	46.00	-5.44	Vertical
645.3214	13.21	26.08	39.29	46.00	-6.71	Horizontal
746.3254	12.30	27.57	39.87	46.00	-6.13	Horizontal
850.0032	12.14	28.36	40.50	46.00	-5.50	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: Jul 31, 2012

Temperature: 25°C

EUT: 10 inch Tablet PC

Humidity: 50%

Model No.: MW07-9701

Power Supply: AC 120V/60HZ

Test Mode: 802.11g Channel Low 2412MHz

Test Engineer: Ricky

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	
565.9776	13.29	25.27	38.56	46.00	-7.44	Vertical
605.0509	12.25	25.64	38.89	46.00	-7.11	Vertical
686.6342	10.79	26.37	37.16	46.00	-8.84	Vertical
420.3245	15.21	23.16	38.37	46.00	-7.63	Horizontal
817.6782	12.32	28.02	40.34	46.00	-5.66	Horizontal
364.8026	12.76	21.46	34.22	46.00	-11.78	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Middle 2437MHz	Test Engineer:	Ricky

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	
500.2375	15.87	23.98	39.85	46.00	-6.15	Vertical
562.3574	15.04	25.27	40.31	46.00	-5.69	Vertical
645.3857	14.38	26.08	40.46	46.00	-5.54	Vertical
390.6354	16.35	21.88	38.23	46.00	-7.77	Horizontal
850.0625	11.47	28.36	39.83	46.00	-6.17	Horizontal
925.4432	11.01	29.16	40.17	46.00	-5.83	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Ricky

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	
564.9478	15.34	25.27	40.61	46.00	-5.39	Vertical
686.3324	14.28	26.37	40.65	46.00	-5.35	Vertical
850.7520	12.46	28.36	40.36	46.00	-5.18	Vertical
745.2470	13.02	27.57	40.59	46.00	-5.41	Horizontal
780.1429	13.15	27.83	40.98	46.00	-5.02	Horizontal
850.0254	13.21	28.36	41.57	46.00	-4.43	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
	802.11n Channel Low 2412MHz		
Test Mode:	(20MHz) Test	Engineer:	Ricky

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	
500.0021	13.56	23.98	37.54	46.00	-8.46	Vertical
602.4562	13.75	25.64	39.39	46.00	-6.61	Vertical
812.3562	9.46	28.02	37.48	46.00	-8.52	Vertical
420.1425	13.45	23.16	36.61	46.00	-9.39	Horizontal
816.4532	11.75	28.02	39.77	46.00	-6.23	Horizontal
890.3675	12.31	28.77	41.08	46.00	-4.92	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Middle 2437MHz (20MHz) Test	Engineer:	Ricky

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	
500.2345	14.56	23.98	38.54	46.00	-7.46	Vertical
645.7860	14.32	26.08	40.40	46.00	-5.60	Vertical
850.3265	12.12	28.36	40.48	46.00	-5.52	Vertical
420.3245	14.98	23.16	38.14	46.00	-7.86	Horizontal
470.8526	14.07	23.55	37.62	46.00	-8.38	Horizontal
810.4578	10.45	28.02	38.47	46.00	-7.53	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
	802.11n Channel High 2462MHz		
Test Mode:	(20MHz) Test	Engineer:	Ricky

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	
568.3652	13.75	25.27	39.02	46.00	-6.98	Vertical
685.3752	13.24	26.37	39.61	46.00	-6.39	Vertical
850.0425	12.01	28.36	40.37	46.00	-5.63	Vertical
645.6258	14.76	26.08	40.84	46.00	-5.16	Horizontal
685.6258	14.32	26.37	40.69	46.00	-5.31	Horizontal
850.0475	12.20	28.36	40.56	46.00	-5.44	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	--		--		-	-	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
	802.11n Channel Low 2422MHz		
Test Mode:	(40MHz) Test	Engineer:	Ricky

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	
500.2345	14.56	23.98	38.54	46.00	-7.46	Vertical
645.7860	14.32	26.08	40.40	46.00	-5.60	Vertical
850.3265	12.12	28.36	40.48	46.00	-5.52	Vertical
420.3245	14.98	23.16	38.14	46.00	-7.86	Horizontal
470.8526	14.07	23.55	37.62	46.00	-8.38	Horizontal
810.4578	10.45	28.02	38.47	46.00	-7.53	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Middle 2437MHz (40MHz) Test	Engineer:	Ricky

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	
565.3475	14.43	25.27	39.70	46.00	-6.30	Vertical
750.1458	10.72	27.57	38.29	46.00	-7.71	Vertical
925.0547	9.53	29.16	38.69	46.00	-7.31	Vertical
604.3289	13.12	25.64	38.76	46.00	-7.24	Horizontal
645.3214	14.01	26.08	40.09	46.00	-5.91	Horizontal
850.0475	11.58	28.39	39.92	46.00	-6.08	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:	Jul 31, 2012	Temperature:	25°C
EUT:	10 inch Tablet PC	Humidity:	50%
Model No.:	TB1082B	Power Supply:	AC 120V/60HZ
	802.11n Channel High 2452MHz		
Test Mode:	(40MHz) Test	Engineer:	Ricky

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	
565.0563	12.33	28.36	40.37	46.00	-8.40	Vertical
605.3214	12.24	25.64	37.88	46.00	-8.12	Vertical
850.0475	12.01	28.36	40.37	46.00	-5.63	Vertical
645.3689	13.56	26.08	39.64	46.00	-6.36	Horizontal
850.0475	12.33	28.36	40.69	46.00	-5.31	Horizontal
885.3678	11.20	28.77	39.97	46.00	-6.03	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

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