FCC RF Test Report

APPLICANT	:	CT Asia
EQUIPMENT	:	Smartphone
BRAND NAME	:	BLU
MODEL NAME	:	Studio 5.0
FCC ID	:	YHLBLUSTUDIO50
STANDARD	:	FCC Part 15 Subpart C §15.247
CLASSIFICATION	:	(DTS) Digital Transmission System

The product was received on Apr. 17, 2013 and completely tested on May 14, 2013. We, SPORTON INTERNATIONAL (KUNSHAN) INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and shown the compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL (KUNSHAN) INC., the test report shall not be reproduced except in full.

Reviewed by:

Jones Tsai / Manager

Testing Laboratory 2627

SPORTON INTERNATIONAL (KUNSHAN) INC.
No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C.

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR341702C	Rev. 01	Initial issue of report	May 24, 2013

SUMMARY OF TEST RESULT

Report Section	FCC Rule	IC Rule	Description	Limit	Result	Remark
3.1	15.247(a)(2)	A8.2(a)	6dB Bandwidth	≥ 0.5MHz	Pass	-
3.2	15.247(b)	A8.4	Power Output Measurement	≤ 30dBm	Pass	-
3.3	15.247(e)	A8.2(b)	Power Spectral Density	≤ 8dBm/3kHz	Pass	-
3.4	15.247(d)	A8.5	Conducted Band Edges	≤ 20dBc	Pass	-
			Conducted Spurious Emission		Pass	-
3.5	15.247(d)	A8.5	Radiated Band Edges	15.209(a) & 15.247(d)	Pass	Under limit 10.89 dB at 2483.950 MHz
			Radiated Spurious Emission			
3.6	15.207	Gen 7.2.4	AC Conducted Emission	15.207(a)	Pass	Under limit 9.56 dB at 0.360 MHz
3.7	15.203 & 15.247(b)	A8.4	Antenna Requirement	N/A	Pass	-

1 General Description

1.1 Applicant

CT Asia

Unit 01, 15/F, Seaview Centre, 139-141 Hoi bun road, Kwun Tong, Kowloon, Hongkong

1.2 Manufacturer

Tinno Mobile Technology Corp.

4/F., H-3 Building, OCT Eastern Industrial Park. NO.1 XiangShan East Road., Nan Shan District, Shenzhen, P.R.China.

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	Smartphone
Brand Name	BLU
Model Name	Studio 5.0
FCC ID	YHLBLUSTUDIO50
EUT supports Radios application	GSM/GPRS/EGPRS/WCDMA/HSPA/ WLAN 11bgn / Bluetooth / Bluetooth v4.0-LE
HW Version	V1.0
SW Version	BLU_D530_V04_GENERIC
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are two different types of EUT. They are single SIM card mobile and dual SIM cards mobile. The others are the same including circuit design, PCB board, structure and all components. It is special to declare.

1.4 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx/Rx Frequency Range	2412 MHz ~ 2462 MHz
Number of Channels	11
Carrier Frequency of Each Channel	2412+(n-1)*5 MHz; n=1~11
Maximum Output Power to Antenna	802.11b : 17.94 dBm (0.0622 W) 802.11g : 17.92 dBm (0.0619 W) 802.11n HT20 : 13.97 dBm (0.0249 W) 802.11n HT40 : 13.79 dBm (0.0239 W)
Antenna Type	PIFA Antenna type with gain 1.20 dBi
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

1.5 Testing Site

Test Site	SPORTON INTERNATIONAL (KUNSHAN) INC.	
Test Site Location	No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C. TEL: +86-0512-5790-0158 FAX: +86-0512-5790-0958	
Test Site No.	**Sporton Site No.**	**FCC/IC Registration No.**
	03CH01-KS	149928/4086E-1

Test Site	SPORTON INTERNATIONAL (SHENZHEN) INC.		
Test Site Location	No. 3 Building, the third floor of south, Shahe River west, Fengzeyuan warehouse, Nanshan District, Shenzhen, Guangdong, P.R.C. TEL: +86-755- 3320-2398		
Test Site No.	**Sporton Site No.**		**FCC/IC Registration No.**
	TH01-SZ	CO01-SZ	831040/4086F-1

The test site complies with ANSI C63.4 2003 requirement.

1.6 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart C §15.247
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r01
- ANSI C63.10-2009

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conducted emission (150 KHz to 30 MHz) and radiated emission (9 KHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z plane) were recorded in this report.

The final configuration from all the combinations and the worst-case data rates were investigated by measuring the maximum power across all the data rates and modulation modes under section 2.2.

Based on the worst configuration found above, the RF power setting is set individually to meet FCC compliance limit for the final conducted and radiated tests shown in section 2.3.

2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	1	2412	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437		

2.2 Pre-Scanned RF Power

Preliminary tests were performed in different data rate and antenna configurations as following table and the highest power data rates were chosen for full test in the following tables.

Channel	Frequency	2.4GHz 802.11b RF Power (dBm)			
		DSSS Data Rate			
		1 Mbps	2 Mbps	5.5 Mbps	11 Mbps
CH 01	2412 MHz	17.79	17.75	17.5	17.57
CH 06	2437 MHz	17.83	17.81	17.55	17.32
CH 11	2462 MHz	**17.94**	17.92	17.67	17.5

Channel	Frequency	2.4GHz 802.11g RF Power (dBm)							
		OFDM Data Rate							
		6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps
CH 01	2412 MHz	17.67	17.56	17.65	17.5	17.57	17.4	17.3	17.51
CH 06	2437 MHz	17.74	17.63	17.61	17.52	17.58	17.56	17.46	17.33
CH 11	2462 MHz	**17.92**	17.7	17.68	17.57	17.86	17.77	17.53	17.56

Channel	Frequency	2.4GHz 802.11n HT20 RF Power (dBm)							
		OFDM Data Rate							
		6.5 Mbps	13 Mbps	19.5 Mbps	26 Mbps	39 Mbps	52 Mbps	58.5 Mbps	65 Mbps
CH 01	2412 MHz	13.83	13.81	13.76	13.62	13.45	13.44	13.41	13.48
CH 06	2437 MHz	13.78	13.57	13.44	13.53	13.59	13.61	13.56	13.52
CH 11	2462 MHz	**13.97**	13.95	13.83	13.94	13.94	13.72	13.78	13.6

Channel	Frequency	2.4GHz 802.11n HT40 RF Power (dBm)							
		OFDM Data Rate							
		13.5 Mbps	27 Mbps	40.5 Mbps	54 Mbps	81 Mbps	108 Mbps	121.5 Mbps	135 Mbps
CH 03	2422 MHz	13.61	12.04	11.92	1.94	11.87	11.75	12.22	11.78
CH 06	2437 MHz	13.67	12.07	12.05	12.04	12.02	12.01	11.99	11.97
CH 09	2452 MHz	**13.79**	12.24	12.21	12.18	12.15	12.13	12.1	12.07

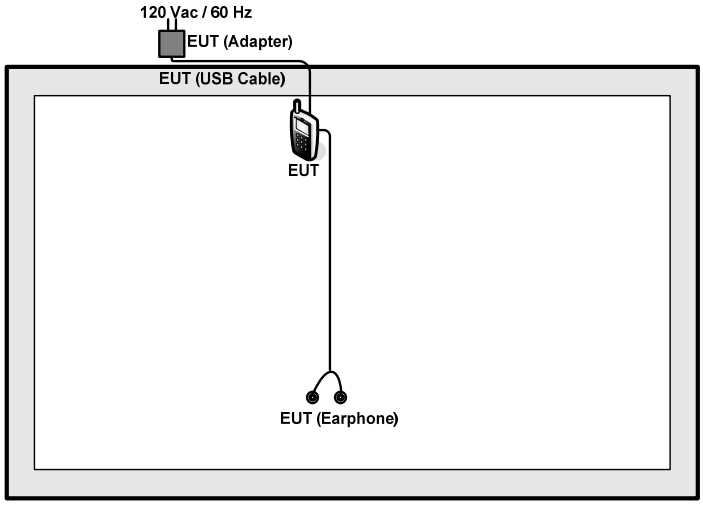
2.3 Test Mode

Final results of test modes, data rates and test channels are shown as following table.

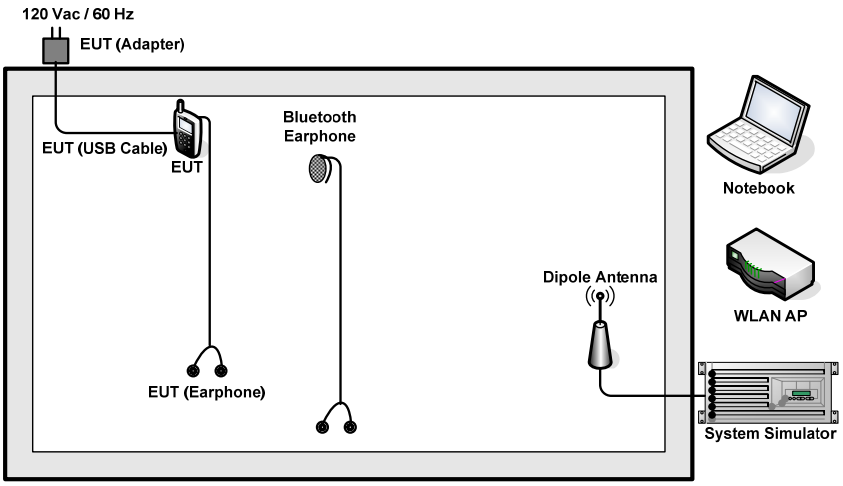
Test Cases				
	Test Items	**Mode**	**Data Rate**	**Test Channel**
Conducted TCs	**6dB BW Power Spectral Density**	**802.11b**	**1 Mbps**	**1/6/11**
		802.11g	**6 Mbps**	**1/6/11**
		802.11n HT20	**6.5 Mbps**	**1/6/11**
		802.11n HT40	**13.5 Mbps**	**3/6/9**
	Output Power	**802.11b**	**1 Mbps**	**1/6/11**
		802.11g	**6 Mbps**	**1/6/11**
		802.11n HT20	**6.5 Mbps**	**1/6/11**
		802.11n HT40	**13.5 Mbps**	**3/6/9**
	Conducted Band Edge	**802.11b**	**1 Mbps**	**1/11**
		802.11g	**6 Mbps**	**1/11**
		802.11n HT20	**6.5 Mbps**	**1/11**
		802.11n HT40	**13.5 Mbps**	**3/9**
	Conducted Spurious Emission	**802.11b**	**1 Mbps**	**1/6/11**
		802.11g	**6 Mbps**	**1/6/11**
		802.11n HT20	**6.5 Mbps**	**1/6/11**
		802.11n HT40	**13.5 Mbps**	**3/6/9**
Radiated TCs	**Radiated Band Edge**	**802.11b**	**1 Mbps**	**1/11**
		802.11g	**6 Mbps**	**1/11**
		802.11n HT20	**6.5 Mbps**	**1/11**
		802.11n HT40	**13.5 Mbps**	**3/9**
	Radiated Spurious Emission	**802.11b**	**1 Mbps**	**1/6/11**
		802.11g	**6 Mbps**	**1/6/11**
		802.11n HT20	**6.5 Mbps**	**1/6/11**
		802.11n HT40	**13.5 Mbps**	**3/6/9**
AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Link + WLAN Link + USB Cable (Charging from Adapter) + Earphone			

2.4 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>



2.5 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Agilent	E5515C	N/A	N/A	Unshielded, 1.8 m
2.	DC Power Supply	TOPWORD	3303DR	N/A	N/A	Unshielded, 1.8 m
3.	WLAN AP	D-Link	DIR-612	N/A	N/A	Unshielded, 1.8 m
4.	Notebook	DELL	P08S	QDS-BRCM1030	N/A	AC I/P: Unshielded, 0.9 m DC O/P: Shielded, 1.8 m
5.	Bluetooth Earphone	Nokia	BH-108	N/A	N/A	N/A

2.6 RF Utility

For WLAN function, key in "＊＃＊＃3646633＃＊＃＊" on the EUT directly. Then, the EUT will get into the engineering modes to contact with WLAN AP for continuous transmitting and receiving signals.

2.7 Measurement Results Explanation Example

For conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and 10dB attenuator between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and 10dB attenuator factor.
Offset = RF cable loss + attenuator factor.
Following table shows an offset computation example with cable loss 5.6 dB.

Example :
Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
= 5.6 + 10 = 15.6 (dB)

3 Test Result

3.1 6dB Bandwidth Measurement

3.1.1 Limit of 6dB Bandwidth

The minimum 6 dB bandwidth shall be at least 500 KHz.

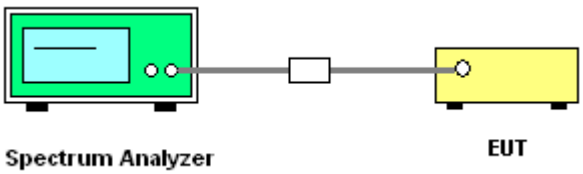
3.1.2 Measuring Instruments

See list of measuring instruments of this test report.

3.1.3 Test Procedures

1. The testing follows the Measurement Procedure of FCC KDB No. 558074 D01 DTS Meas. Guidance v03r01.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 KHz.
5. Measure and record the results in the test report.

3.1.4 Test Setup

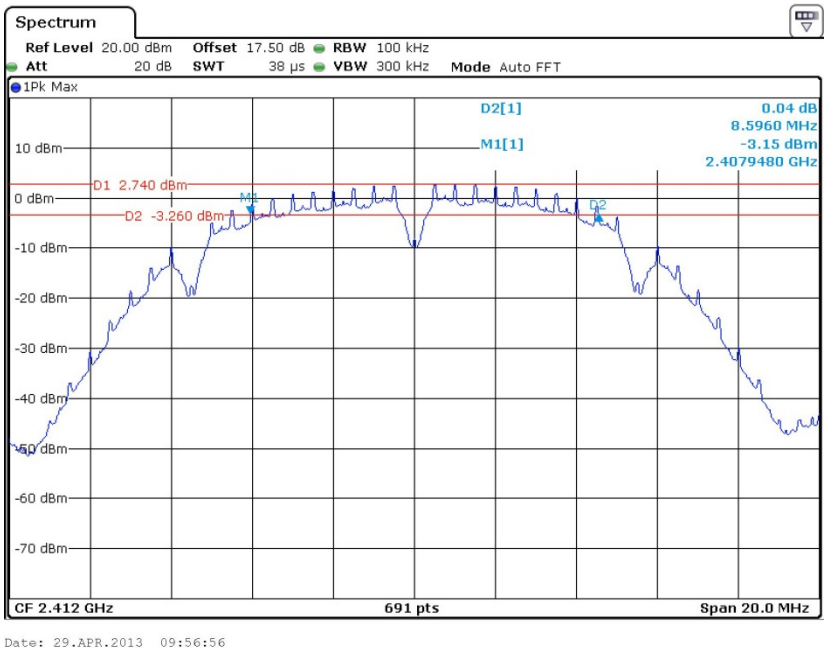


3.1.5 Test Result of 6dB Bandwidth

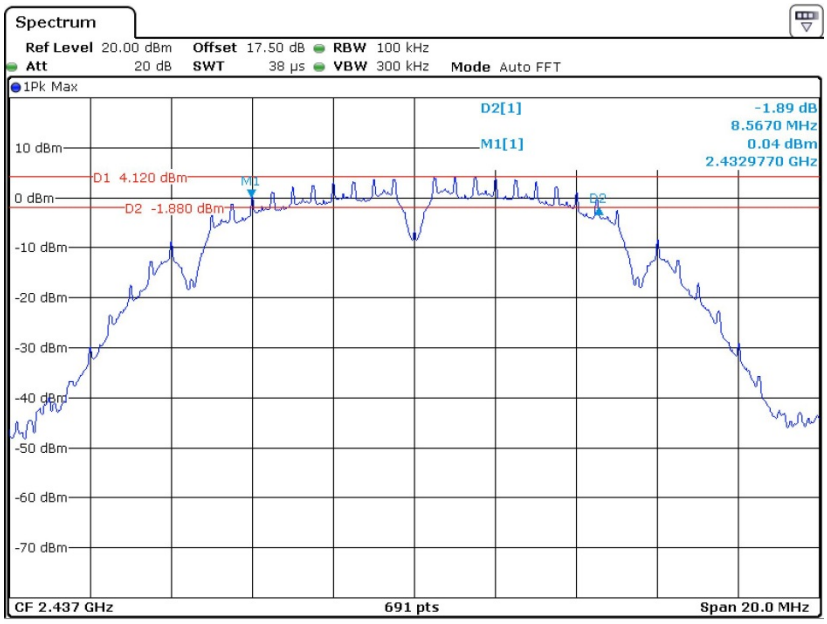
Test Mode :	802.11b	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11b 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
01	2412	8.596	0.5	Pass
06	2437	8.567	0.5	Pass
11	2462	8.567	0.5	Pass

6 dB Bandwidth Plot on 802.11b Channel 01



6 dB Bandwidth Plot on 802.11b Channel 06



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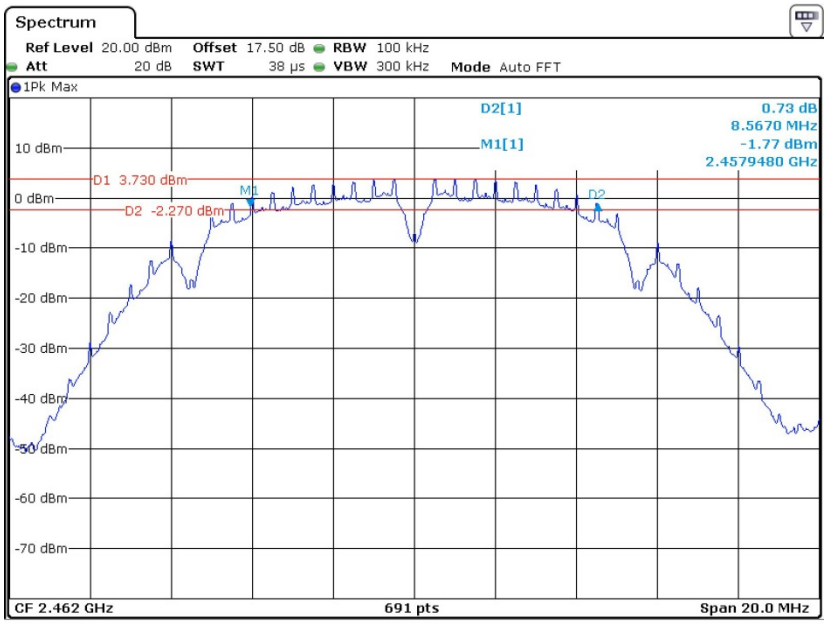
6 dB Bandwidth Plot on 802.11b Channel 11



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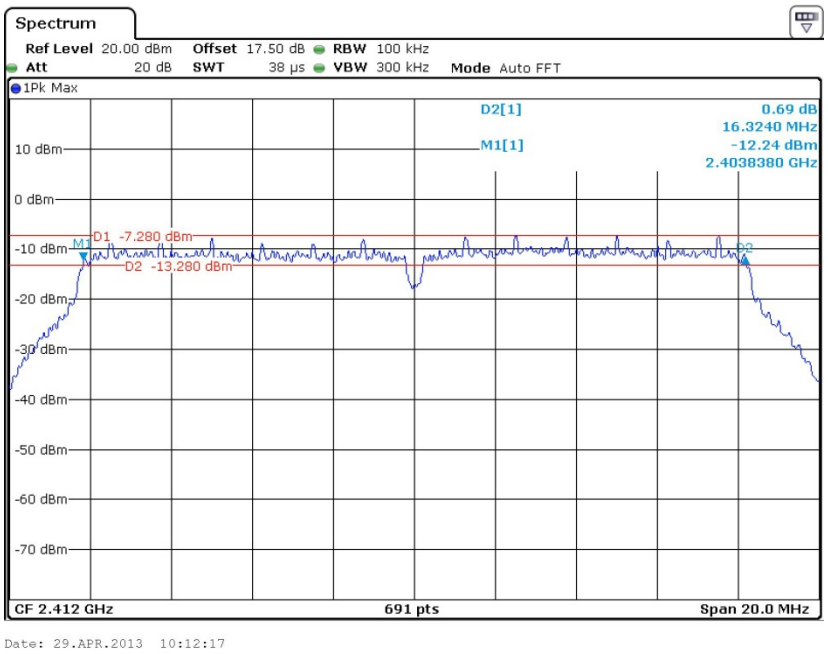
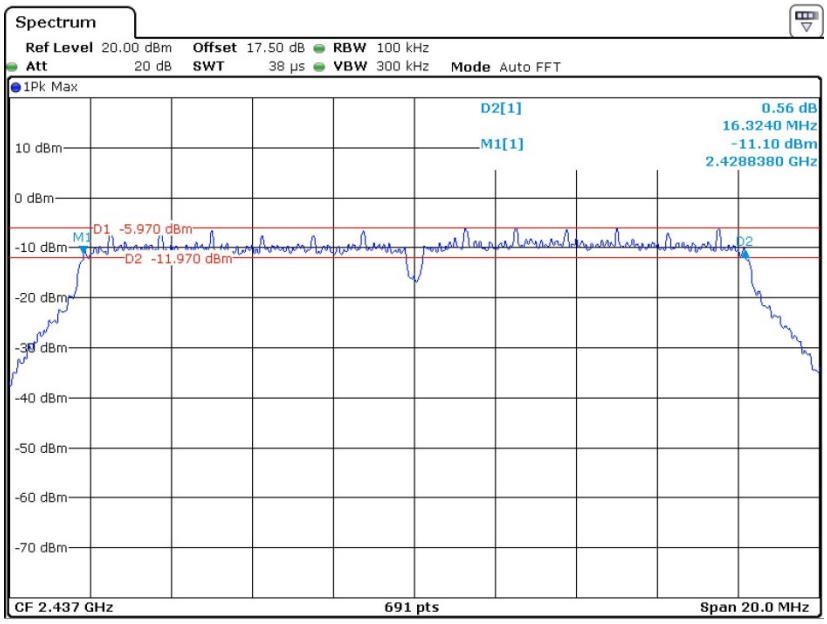
Test Mode :	802.11g	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11g 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
01	2412	16.324	0.5	Pass
06	2437	16.324	0.5	Pass
11	2462	16.353	0.5	Pass

6 dB Bandwidth Plot on 802.11g Channel 01



6 dB Bandwidth Plot on 802.11g Channel 06



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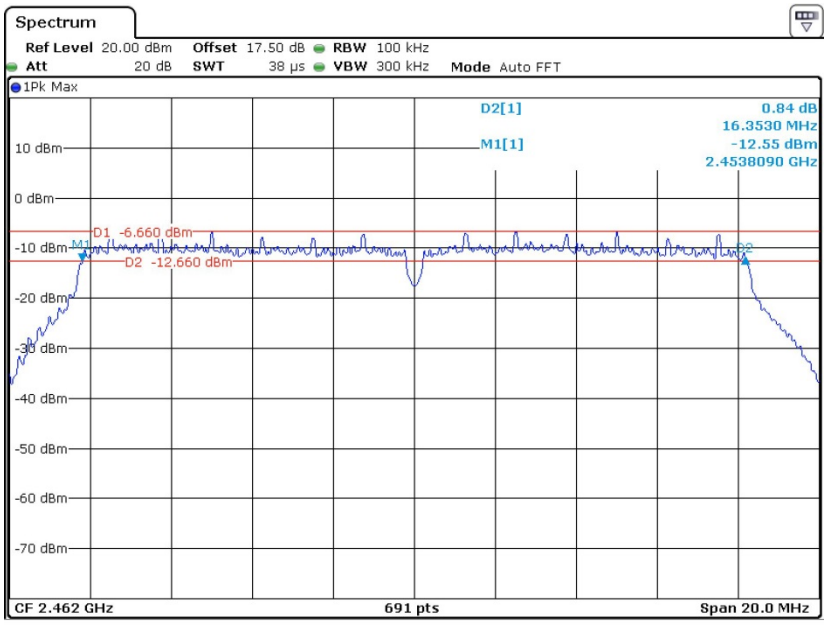
6 dB Bandwidth Plot on 802.11g Channel 11



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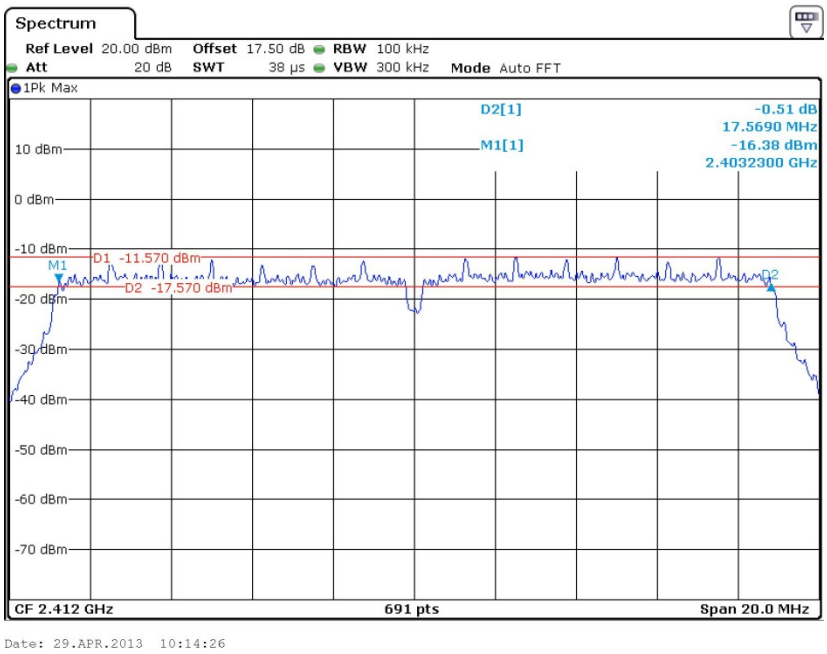
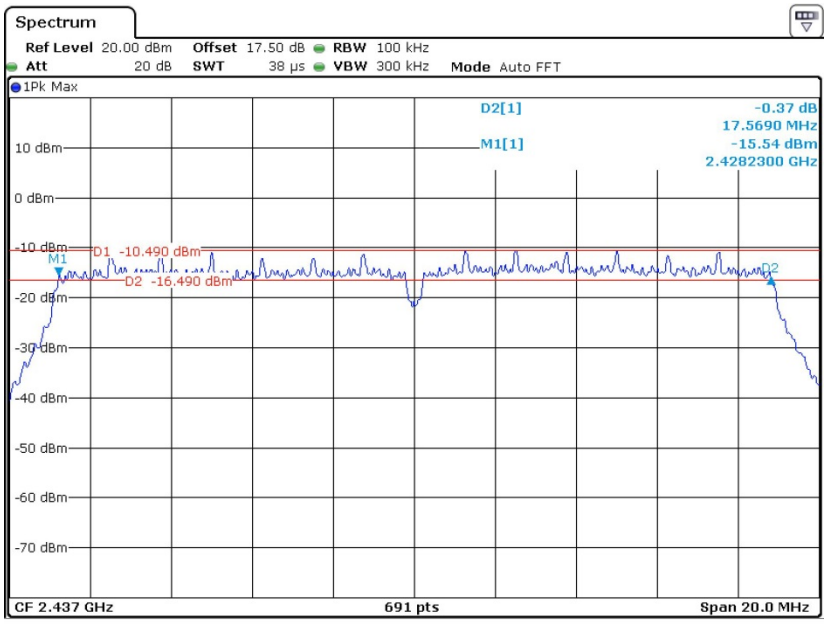
Test Mode :	802.11n HT20	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	2.4GHz 802.11n HT20 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
01	2412	17.569	0.5	Pass
06	2437	17.569	0.5	Pass
11	2462	17.598	0.5	Pass

6 dB Bandwidth Plot on 802.11n HT20 Channel 01



6 dB Bandwidth Plot on 802.11n HT20 Channel 06



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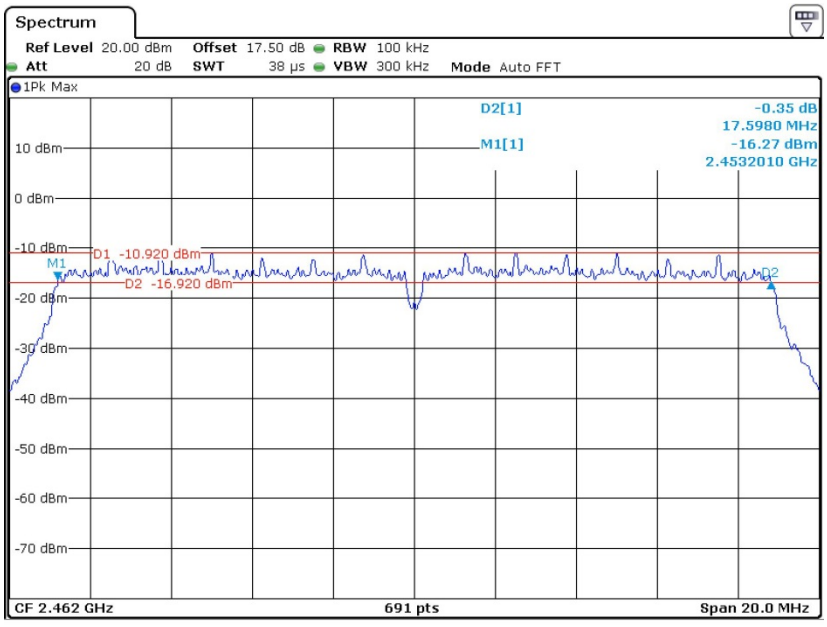
6 dB Bandwidth Plot on 802.11n HT20 Channel 11

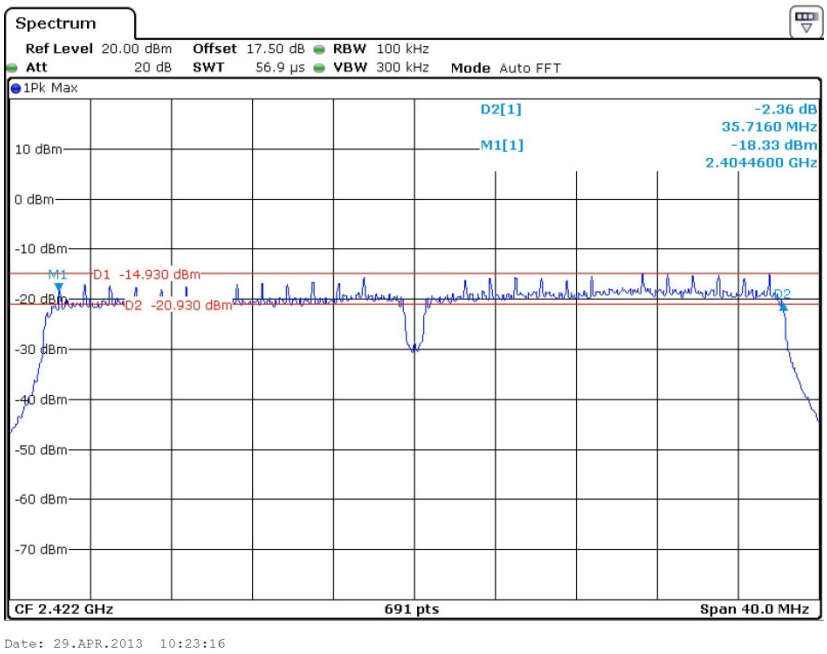


Date: 29.APR.2013 10:21:44

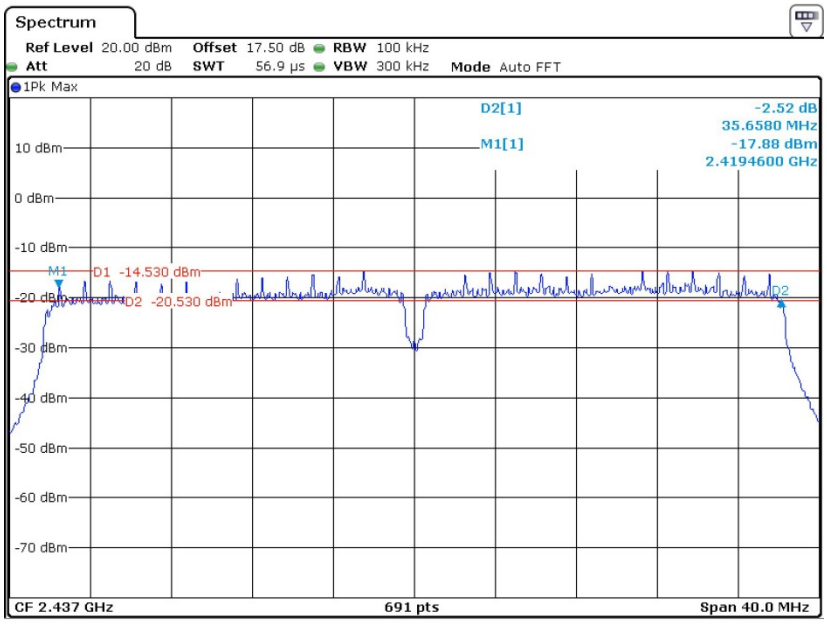
Test Mode :	802.11n HT40	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11n HT40 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
03	2422	35.716	0.5	Pass
06	2437	35.658	0.5	Pass
09	2452	36.006	0.5	Pass

6 dB Bandwidth Plot on 802.11n HT40 Channel 03



6 dB Bandwidth Plot on 802.11n HT40 Channel 06



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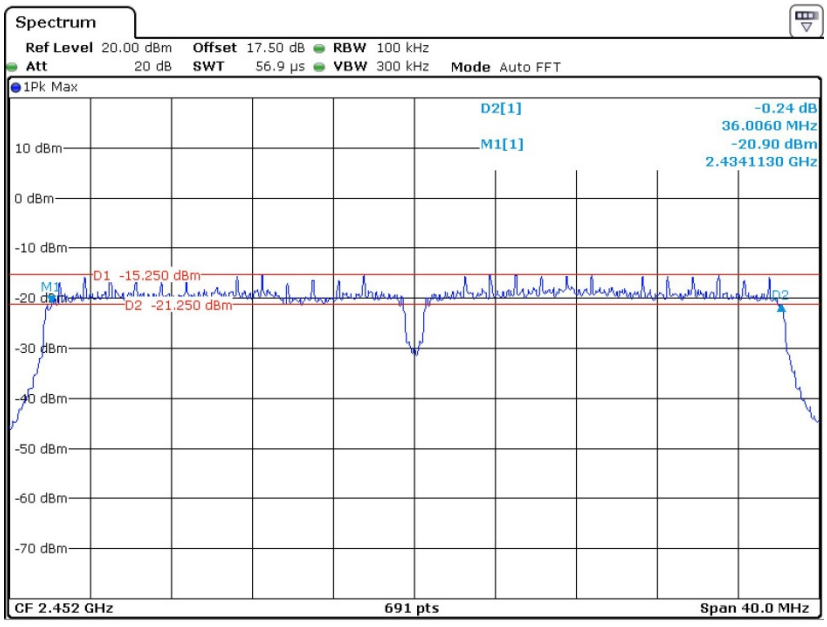
6 dB Bandwidth Plot on 802.11n HT40Channel 09



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3.2 Output Power Measurement

3.2.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna of directional gain greater than 6dBi are used the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

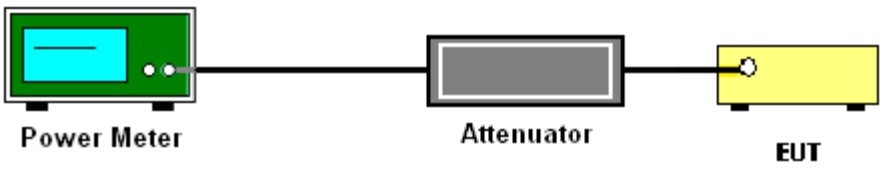
3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

1. The testing follows the Measurement Procedure of FCC KDB No. 558074 D01 DTS Meas. Guidance v03r01.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

3.2.4 Test Setup



3.2.5 Test Result of Peak Output Power

Test Mode :	802.11b	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11b Peak Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
01	2412	17.79	30	Pass
06	2437	17.83	30	Pass
11	2462	17.94	30	Pass

Test Mode :	802.11g	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11g Peak Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
01	2412	17.67	30	Pass
06	2437	17.74	30	Pass
11	2462	17.92	30	Pass

Test Mode :	802.11n HT20	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	2.4GHz 802.11n HT20 Peak Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
01	2412	13.83	30	Pass
06	2437	13.78	30	Pass
11	2462	13.97	30	Pass

Test Mode :	2.4GHz 802.11n HT40	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	2.4GHz 802.11n HT40 Peak Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
03	2422	13.61	30	Pass
06	2437	13.67	30	Pass
09	2452	13.79	30	Pass

3.2.6 Test Result of Average output Power (Reporting Only)

Test Mode :	802.11b	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%
Duty Cycle:	98.38%	Duty Factor:	0.07dB

Channel	Frequency (MHz)	802.11b Average Output Power (dBm)
01	2412	14.47
06	2437	14.49
11	2462	14.60

Test Mode :	802.11g	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%
Duty Cycle:	93.45%	Duty Factor:	0.29dB

Channel	Frequency (MHz)	802.11g Average Output Power (dBm)
01	2412	7.27
06	2437	7.14
11	2462	7.48

Test Mode :	802.11n HT20	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%
Duty Cycle:	91.90%	Duty Factor:	0.37dB

Channel	Frequency (MHz)	802.11n HT20 Average Output Power (dBm)
01	2412	3.11
06	2437	2.98
11	2462	3.32

Test Mode :	802.11n HT40	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%
Duty Cycle:	85.83%	Duty Factor:	0.66dB

Channel	Frequency (MHz)	802.11n HT40 Average Output Power (dBm)
03	2422	1.90
06	2437	1.92
09	2452	1.95

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8dBm in any 3KHz band at any time interval of continuous transmission.

3.3.2 Measuring Instruments

See list of measuring instruments of this test report.

3.3.3 Test Procedures

1. The testing follows Measurement Procedure 10.2 Option 1 of FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r01
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.

3.3.4 Test Setup

3.3.5 Test Result of Power Spectral Density

Test Mode :	802.11b	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11b Power Density		Max. Limits (dBm/3KHz)	Pass/Fail
		PSD/100KHz (dBm)	PSD/3KHz (dBm)		
01	2412	2.91	-8.45	8	Pass
06	2437	4.11	-7.38	8	Pass
11	2462	3.69	-9.80	8	Pass

Test Mode :	802.11g	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11g Power Density		Max. Limits (dBm/3KHz)	Pass/Fail
		PSD/100KHz (dBm)	PSD/3KHz (dBm)		
01	2412	-6.95	-19.53	8	Pass
06	2437	-5.59	-18.08	8	Pass
11	2462	-6.44	-19.78	8	Pass

Test Mode :	802.11n HT20	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

Channel	Frequency (MHz)	802.11n HT20 Power Density		Max. Limits (dBm/3KHz)	Pass/Fail
		PSD/100KHz (dBm)	PSD/3KHz (dBm)		
01	2412	-11.19	-24.40	8	Pass
06	2437	-10.11	-22.67	8	Pass
11	2462	-10.65	-23.96	8	Pass

Test Mode :	802.11n HT40	Temperature :	24~26℃
Test Engineer :	Blithe Li	Relative Humidity :	50~53%

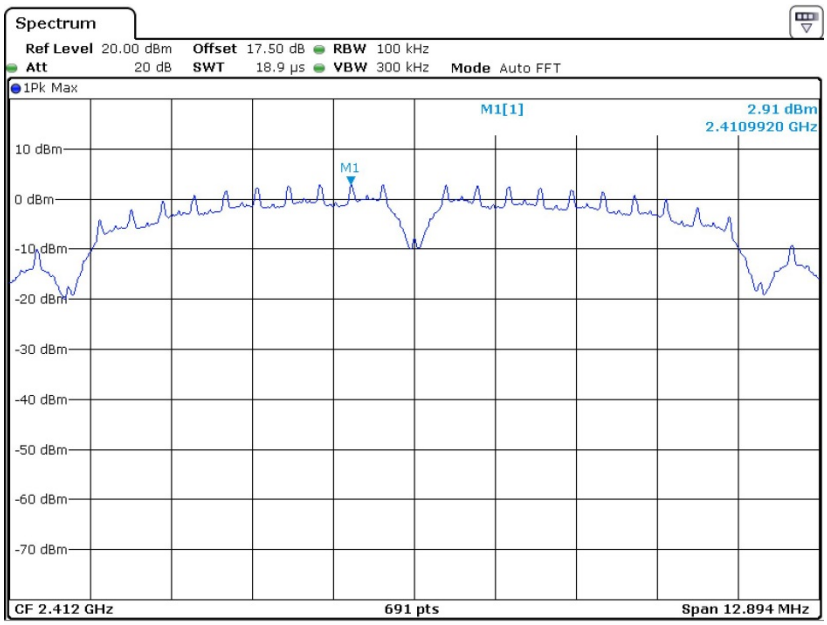
Channel	Frequency (MHz)	802.11n HT40 Power Density		Max. Limits (dBm/3KHz)	Pass/Fail
		PSD/100KHz (dBm)	PSD/3KHz (dBm)		
03	2422	-14.58	-28.15	8	Pass
06	2437	-14.55	-27.64	8	Pass
09	2452	-15.42	-28.01	8	Pass

Note:

1. *Measured power density (dBm) has offset with cable loss.*
2. *The Measured power density (dBm)/ 100KHz is reference level and used as 20dBc down for Conducted Band Edges and Conducted Spurious Emission limit line.*

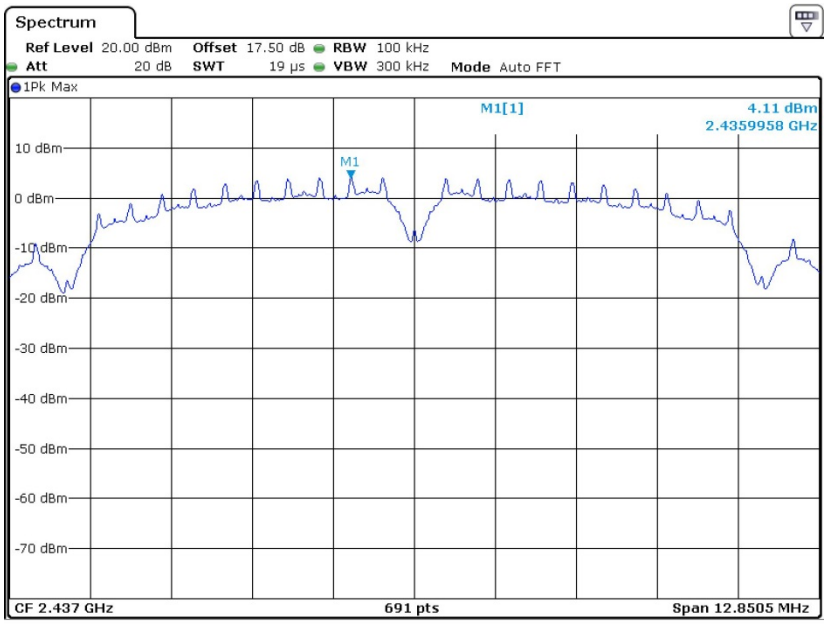
3.3.6 Test Result of Power Spectral Density Plots (100kHz)

PSD 100kHz Plot on 802.11b Channel 01



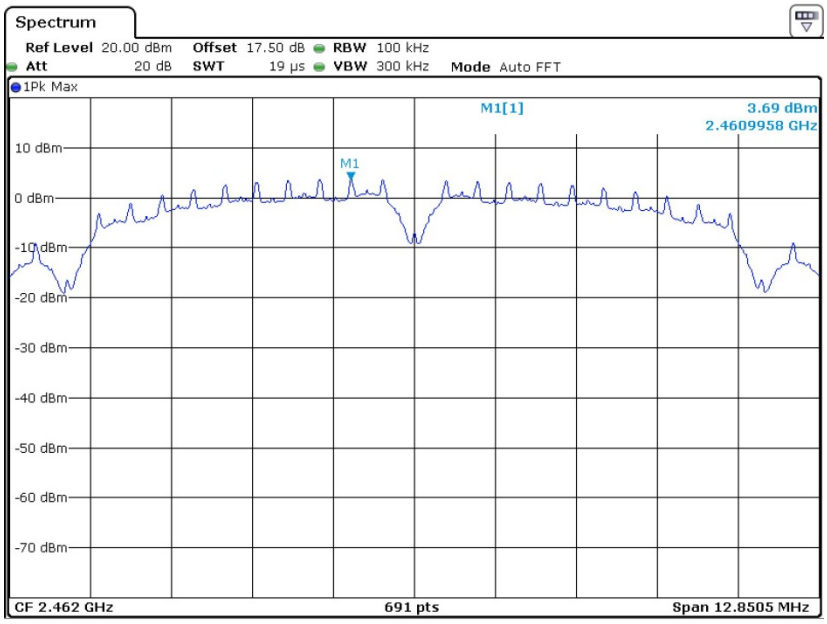
Date: 29.APR.2013 10:54:03

PSD 100kHz Plot on 802.11b Channel 06



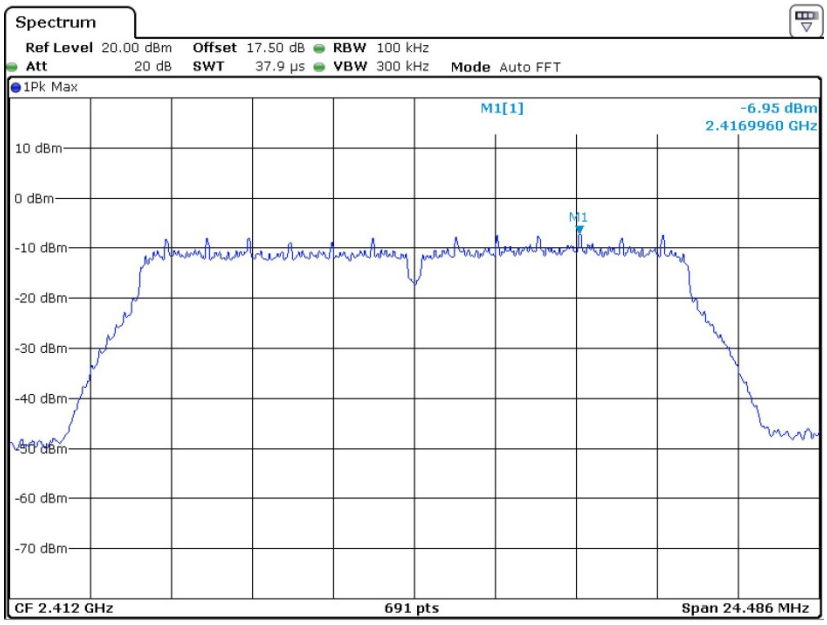
Date: 29.APR.2013 10:55:06

PSD 100kHz Plot on 802.11b Channel 11



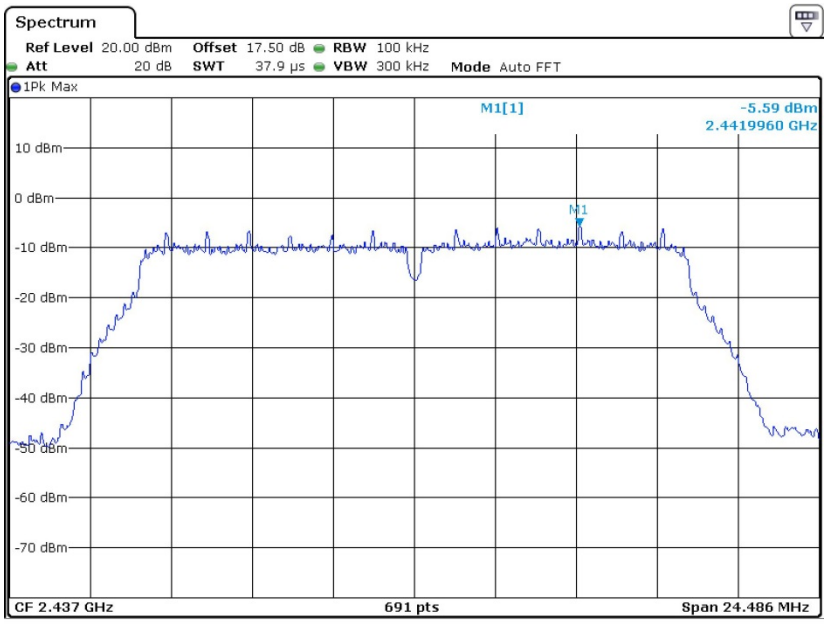
Date: 29.APR.2013 10:55:44

PSD 100kHz Plot on 802.11g Channel 01



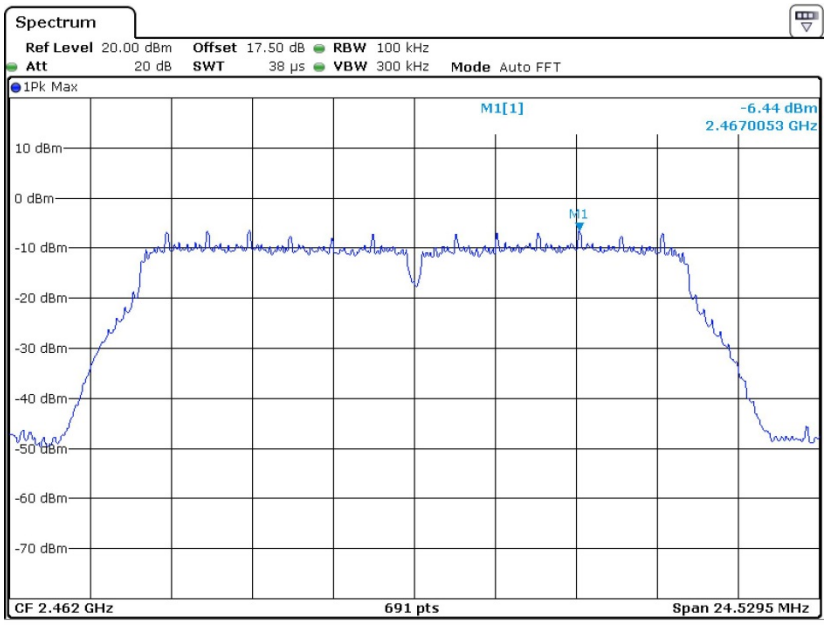
Date: 29.APR.2013 10:58:50

PSD 100kHz Plot on 802.11g Channel 06



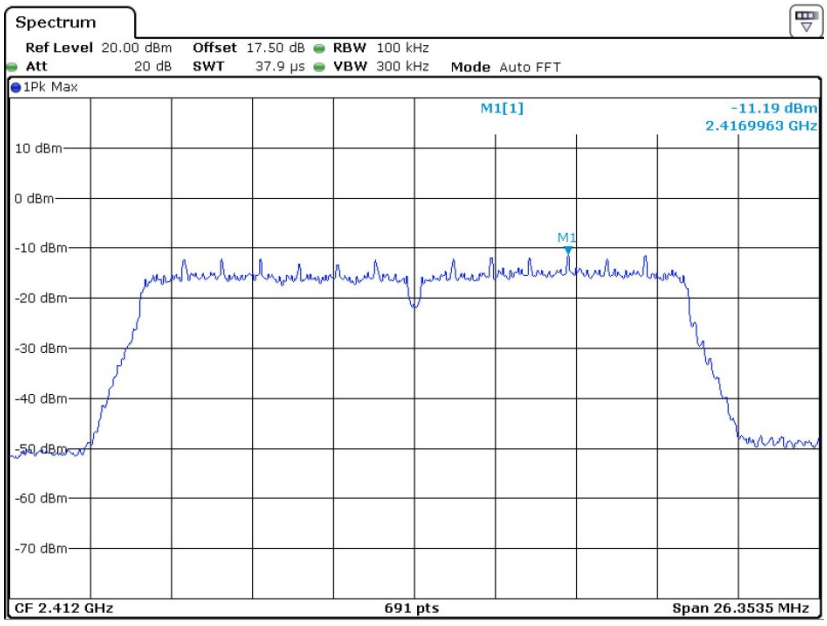
Date: 29.APR.2013 11:04:22

PSD 100kHz Plot on 802.11g Channel 11



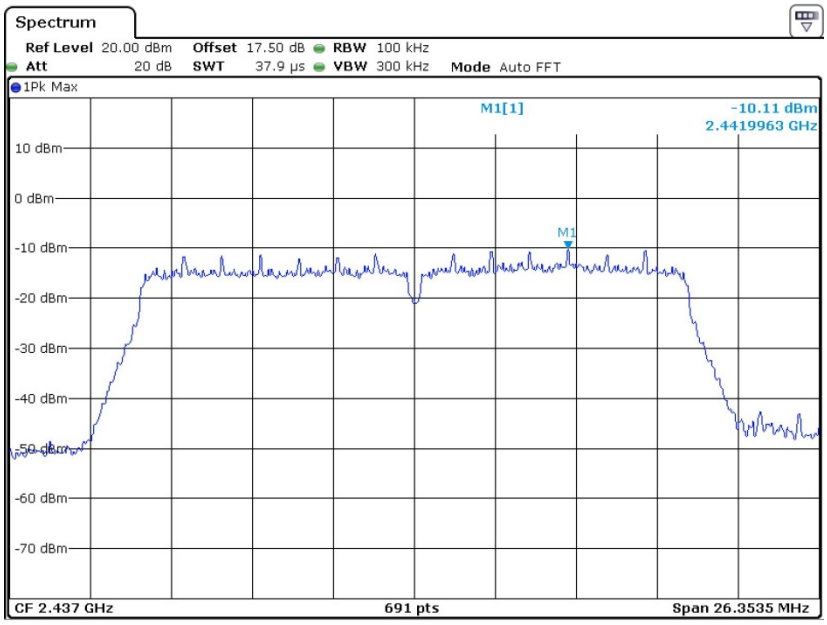
Date: 29.APR.2013 11:09:43

PSD 100kHz Plot on 802.11n HT20 Channel 01



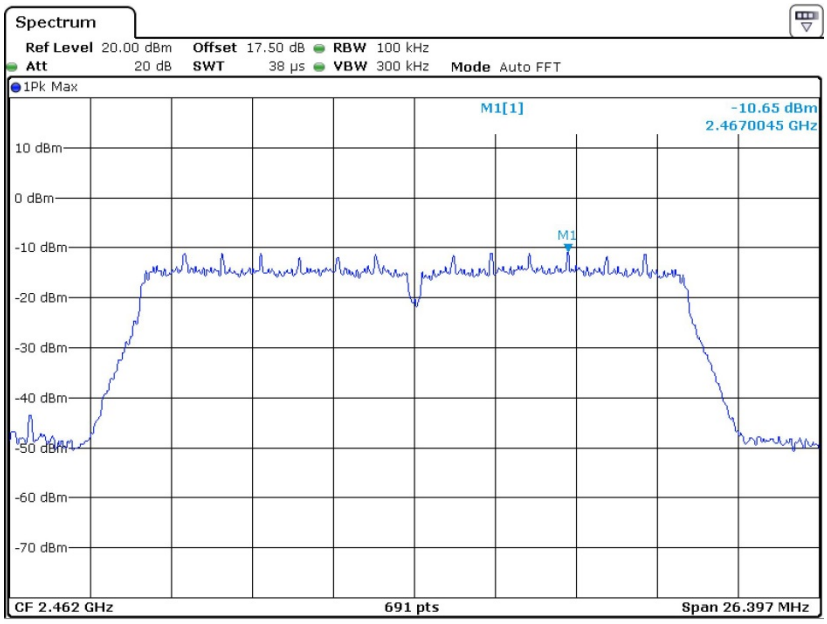
Date: 29.APR.2013 11:14:15

PSD 100kHz Plot on 802.11n HT20 Channel 06



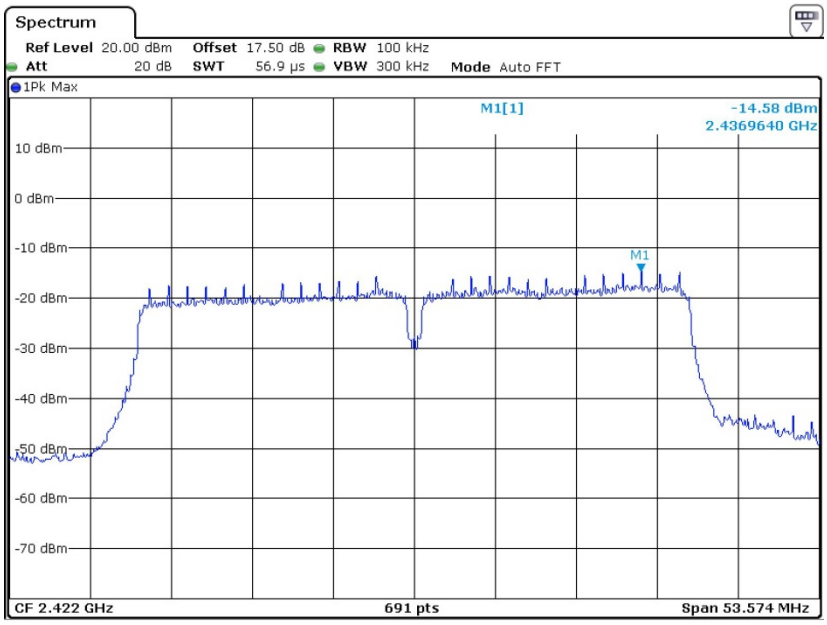
Date: 29.APR.2013 11:18:30

PSD 100kHz Plot on 802.11n HT20 Channel 11



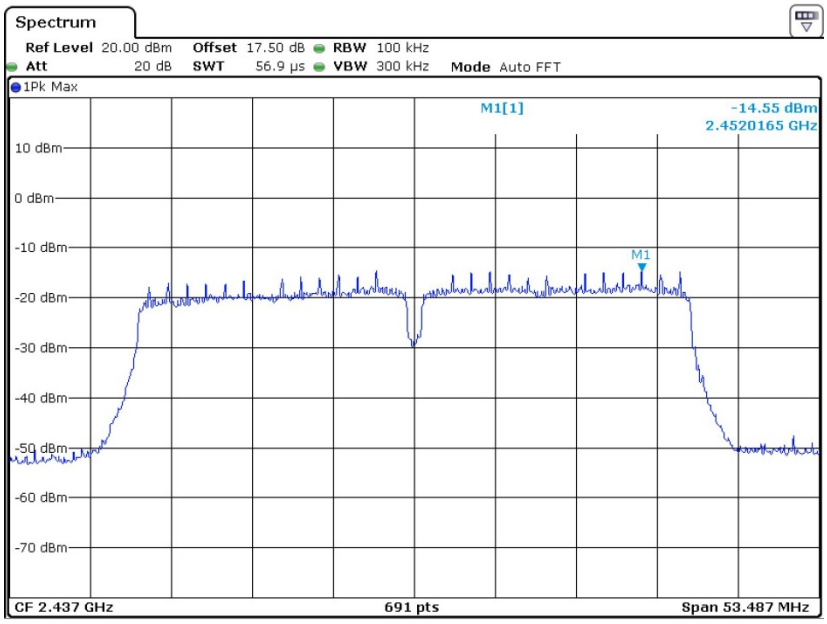
Date: 29.APR.2013 11:21:58

PSD 100kHz Plot on 802.11n HT40 Channel 03



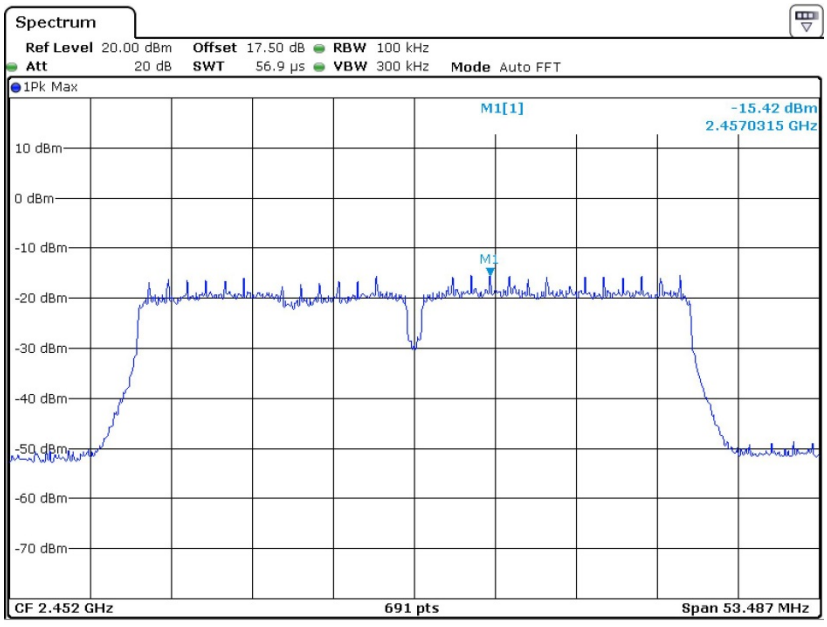
Date: 29.APR.2013 11:26:54

PSD 100kHz Plot on 802.11n HT40 Channel 06



Date: 29.APR.2013 11:30:41

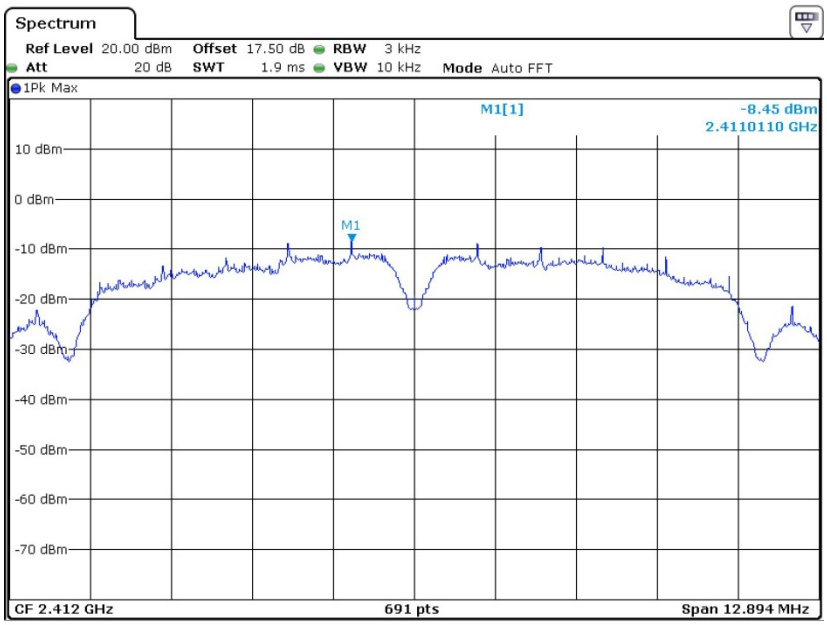
PSD 100kHz Plot on 802.11n HT40 Channel 09



Date: 29.APR.2013 11:32:29

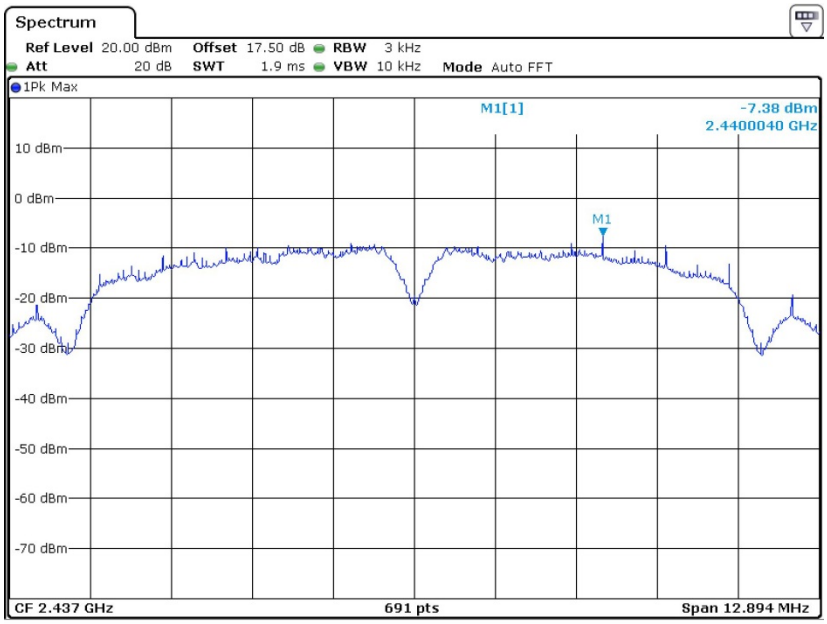
3.3.7 Test Result of Power Spectral Density Plots (3kHz)

PSD 3kHz Plot on 802.11b Channel 01



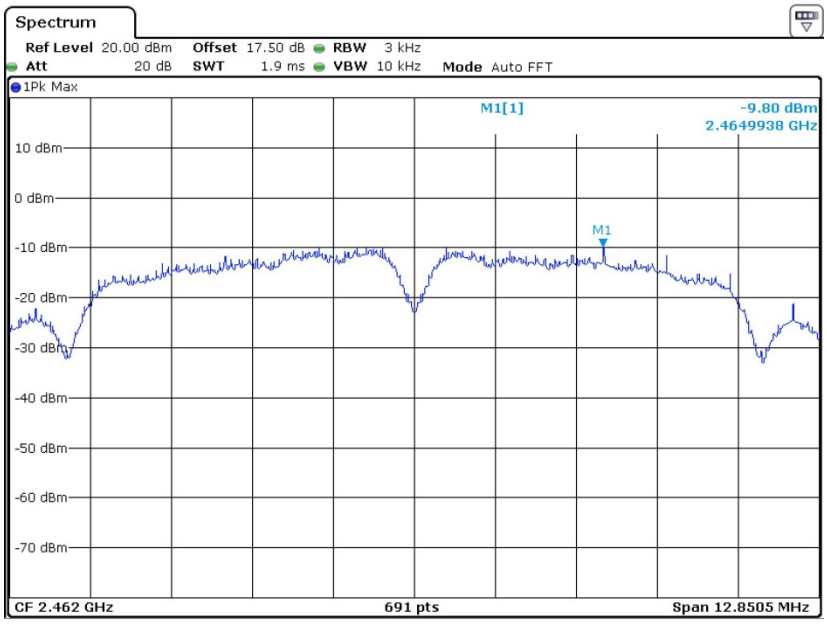
Date: 29.APR.2013 10:36:06

PSD 3kHz Plot on 802.11b Channel 06



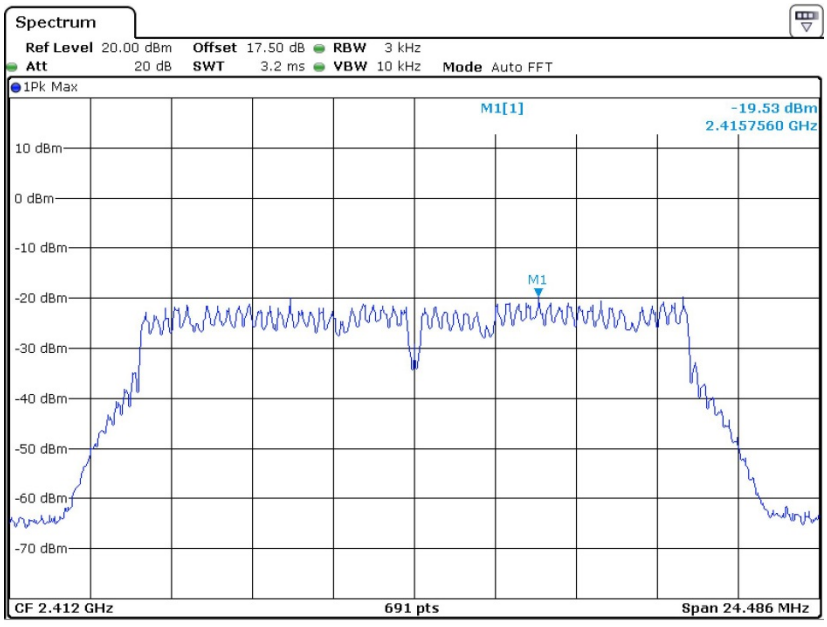
Date: 29.APR.2013 10:38:06

PSD 3kHz Plot on 802.11b Channel 11



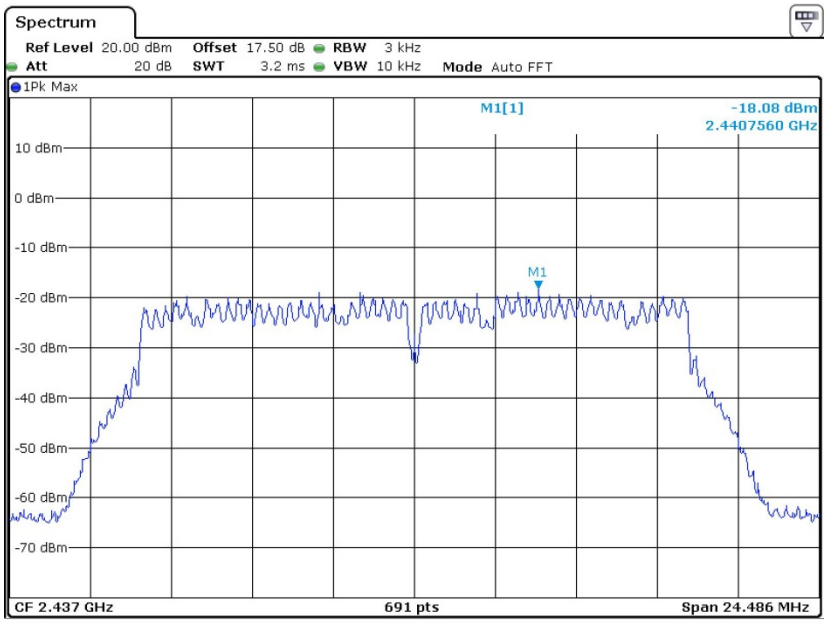
Date: 29.APR.2013 10:39:46

PSD 3kHz Plot on 802.11g Channel 01



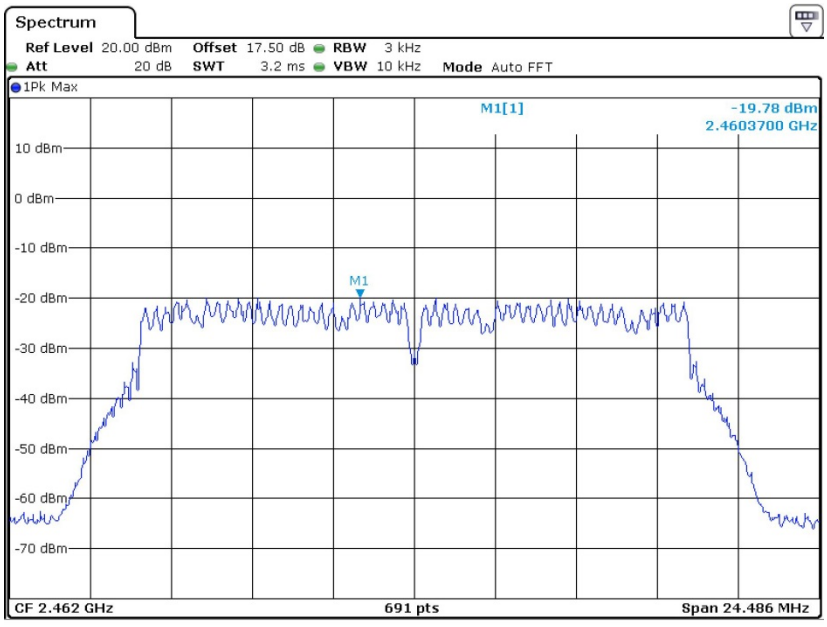
Date: 29.APR.2013 10:40:58

PSD 3kHz Plot on 802.11g Channel 06



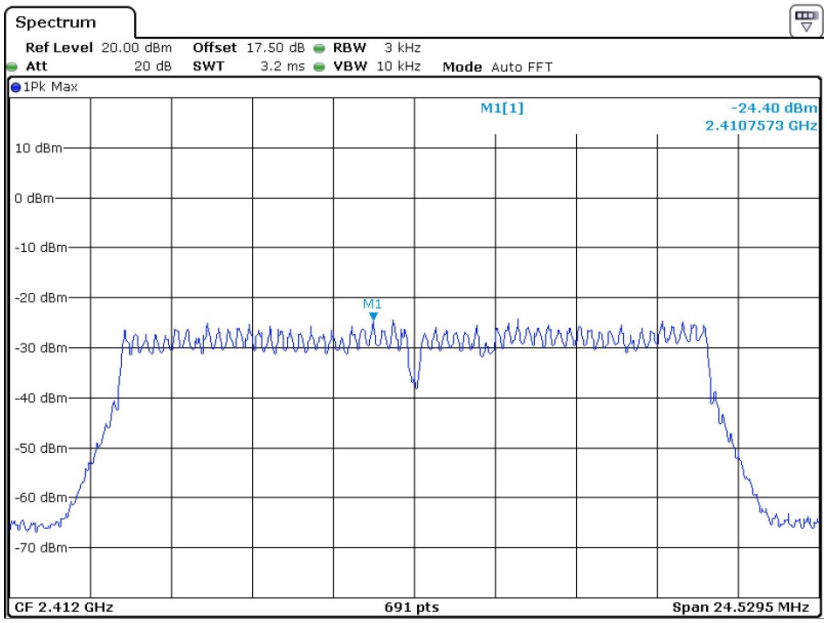
Date: 29.APR.2013 10:41:46

PSD 3kHz Plot on 802.11g Channel 11



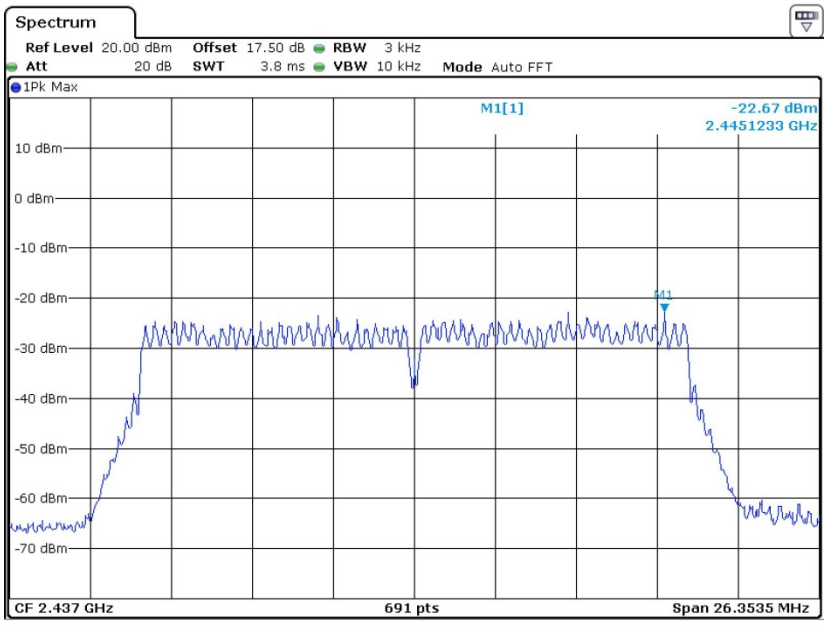
Date: 29.APR.2013 10:42:21

PSD 3kHz Plot on 802.11n HT20 Channel 01



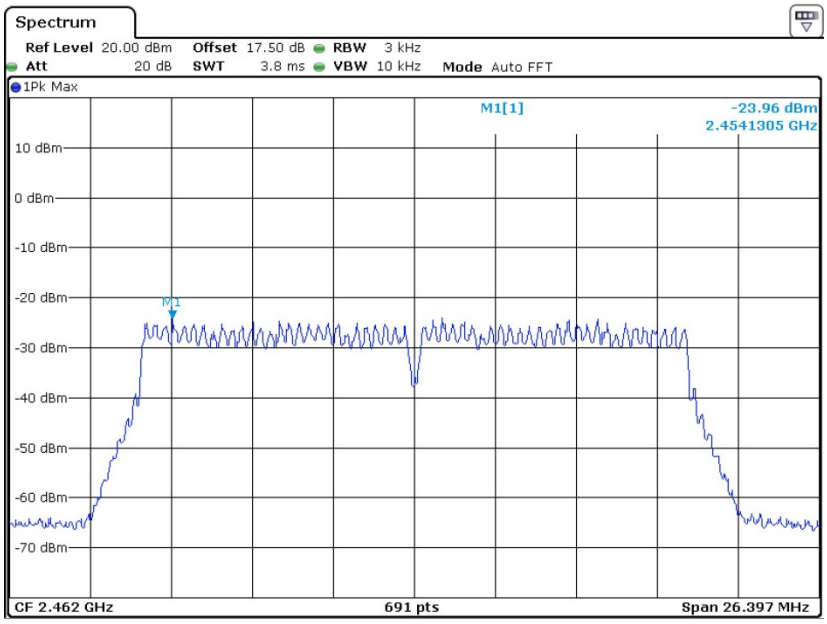
Date: 29.APR.2013 10:44:46

PSD 3kHz Plot on 802.11n HT20 Channel 06



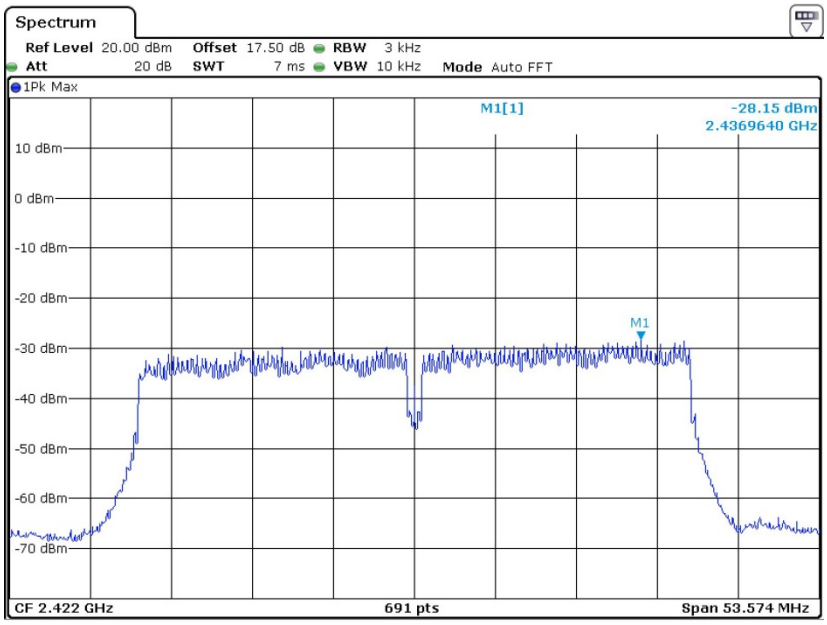
Date: 29.APR.2013 10:46:47

PSD 3kHz Plot on 802.11n HT20 Channel 11



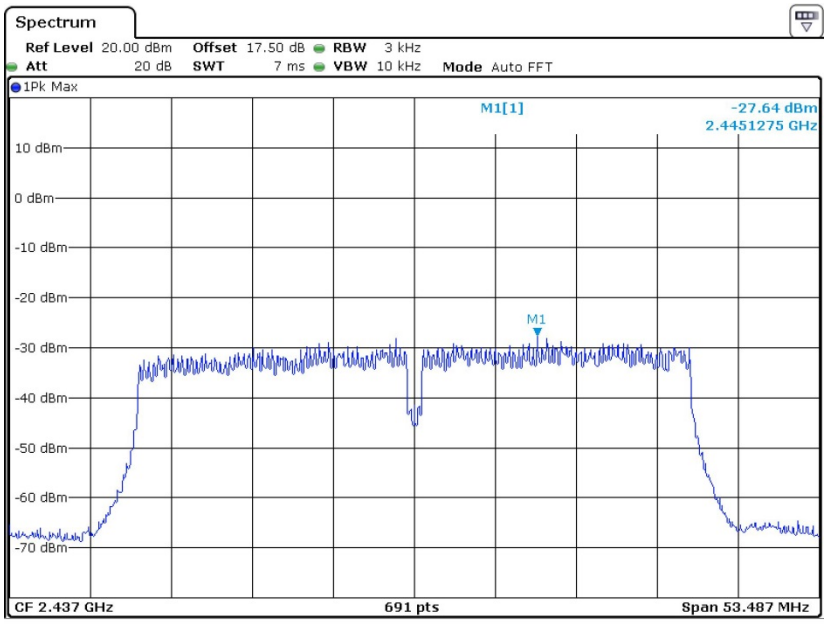
Date: 29.APR.2013 10:47:40

PSD 3kHz Plot on 802.11n HT40 Channel 03



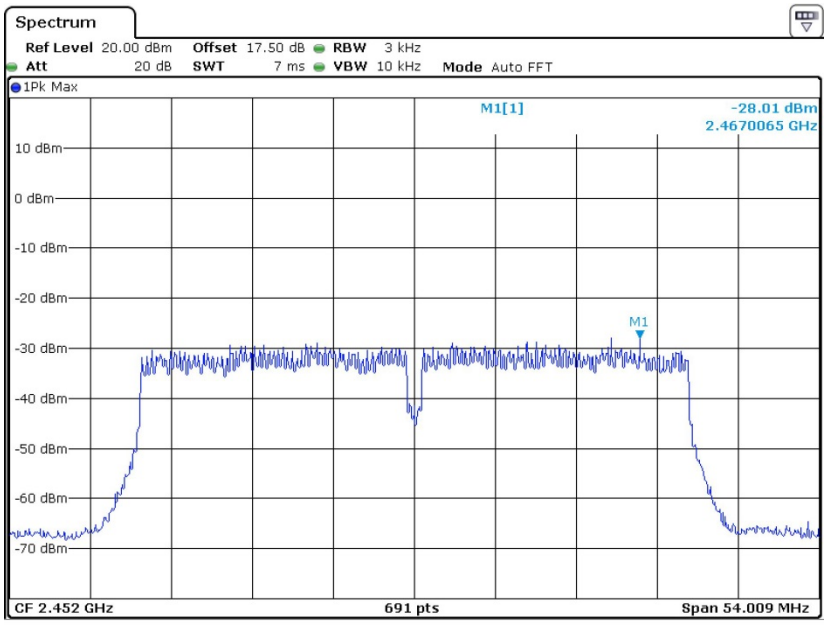
Date: 29.APR.2013 10:49:01

PSD 3kHz Plot on 802.11n HT40 Channel 06



Date: 29.APR.2013 10:49:49

PSD 3kHz Plot on 802.11n HT40 Channel 09



Date: 29.APR.2013 10:52:20