

FCC Part 15C Measurement and Test Report

For

3Q TECHNOLOGY LIMITED

3/F Jonsim Place, 228 Queen's Road East Wanchai, Hong Kong

FCC ID: RON-LC0901D

FCC Rule(s): FCC Part 15C

Product Description: Tablet PC

Tested Model: LC0901D

Report No.: STR13098175I-1

Tested Date: 2013-09-12 to 2013-10-17

Issued Date: 2013-10-17

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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen SEM.Test Technology Co., Ltd.

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: 3Q TECHNOLOGY LIMITED
Address of applicant: 3/F Jonsim Place, 228 Queen's Road East Wanchai,
Hong Kong
Manufacturer: Shenzhen Next Generation Communication Co.,Ltd
Address of manufacturer: 501.,Bldg.1 Block A,Internet Industrial Zone,Bao
Yuan Road,Baoan Dist., Shenzhen

General Description of EUT	
Product Name:	Tablet PC
Trade Name:	3Q
Model No.:	LC0901D
Adding Model(s):	/
Rated Voltage:	Battery: 3.7V Charging: USB 5V
Power Adapter Model:	YN12W-0500200UZ
Note: The test data is gathered from a production sample provided by the manufacturer.	

Technical Characteristics of EUT	
Support Standards:	802.11b, 802.11g, 802.11n
Frequency Range:	2412-2472MHz
RF Output Power:	5.99 dBm (Conducted)
Type of Modulation:	CCK, OFDM, QPSK, BPSK, 16QAM, 64QAM
Data Rate:	1-11Mbps, 6-54Mbps, up to 150Mbps
Quantity of Channels:	13
Channel Separation:	5MHz
Type of Antenna:	Integral
Antenna Gain:	3.7dBi
Lowest Internal Frequency	32.768kHz
Device Category:	Portable Device

1.2 Test Standards

The following report is prepared on behalf of the 3Q TECHNOLOGY LIMITED in accordance with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.207, 15.209 and 15.247 of the Federal Communication Commissions rules.

The objective is to determine compliance with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.207, 15.209 and 15.247 of the Federal Communication Commissions rules.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2003, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz. The public notice KDB 558074 D01 V03 for digital transmission systems shall be performed also.

1.4 Test Facility

- **FCC – Registration No.: 934118**

Shenzhen SEM.Test Technology Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files and the Registration is 934118.

- **Industry Canada (IC) Registration No.: 11464A**

The 3m Semi-anechoic chamber of Shenzhen SEM.Test Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

1.5 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	802.11b	2412MHz, 2442MHz, 2472MHz
TM2	802.11g	2412MHz, 2442MHz, 2472MHz
TM3	802.11n-HT20	2412MHz, 2442MHz, 2472MHz

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
Adapter Cable	1.2	Unshielded	With Ferrite

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
USB Cable	1.5	Unshielded	Without Ferrite
Earphone Cable	1.5	Unshielded	Without Ferrite
HDMI Cable	1.5	Unshielded	Without Ferrite

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Notebook Computer	Lenovo	20007	EB12648265
LCD TV	DELL	IN1920C	Q40G18N-700-1BZA

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§ 2.1093	RF Exposure	Compliant
§ 15.203; § 15.247(b)(4)(i)	Antenna Requirement	Compliant
§ 15.207(a)	Conducted Emission	Compliant
§ 15.247(e)	Power Spectral Density	Compliant
§ 15.247(a)(2)	6 dB Bandwidth	Compliant
§ 15.247(b)(3)	RF Output Power	Compliant
§ 15.209(a)(d)	Radiated Emission	Compliant
§ 15.247(d)	Band Edge (Out of Band Emissions)	Compliant

N/A: not applicable

3. RF Exposure

3.1 Standard Applicable

According to § 1.1307 and § 2.1093, the portable transmitter must comply the RF exposure requirements.

3.2 Test Result

This product complied with the requirement of the RF exposure, please see the RF Exposure Report.

4. Antenna Requirement

4.1 Standard Applicable

According to FCC Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

4.2 Evaluation Information

This product has a integral antenna, fulfill the requirement of this section.

5. Power Spectral Density

5.1 Standard Applicable

According to 15.247(a)(1)(iii), 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.

5.2 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Spectrum Analyzer	Agilent	E4402B	US41192821	2013-05-07	2014-05-06
Attenuator	ATTEN	ATS100-4-20	/	2013-05-07	2014-05-06

5.3 Test Procedure

According to the KDB 558074 D01 v03r01, the test method of power spectral density as below:

- Set analyzer center frequency to DTS channel center frequency.
- Set the span to 1.5 times the DTS bandwidth.
- Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- Set the VBW $\geq 3 \text{ RBW}$.
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level within the RBW.
- If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

5.4 Environmental Conditions

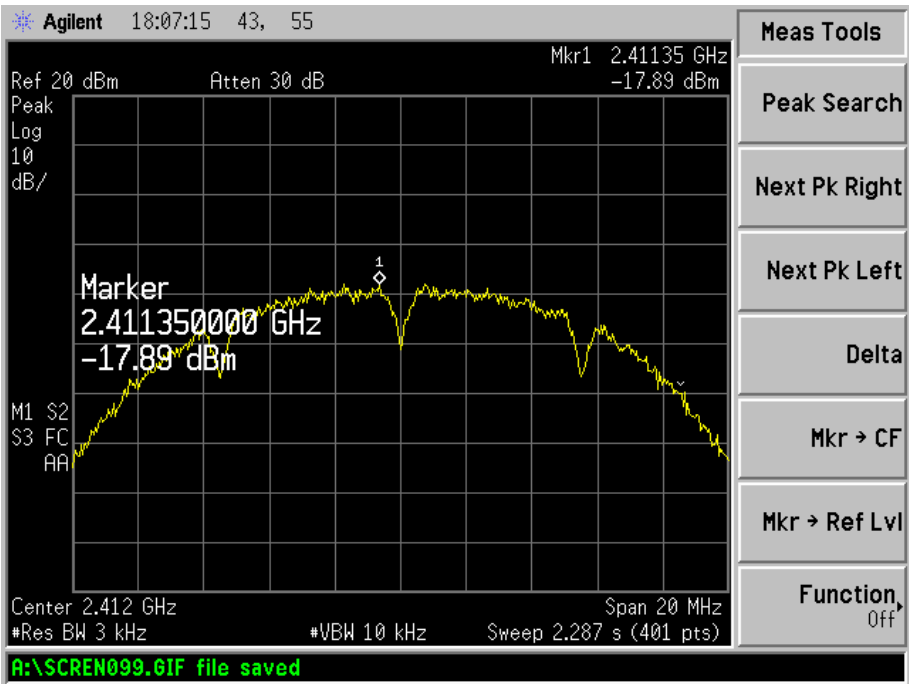
Temperature:	26° C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

5.5 Summary of Test Results/Plots

Test Mode	Test Channel MHz	Power Spectral Density dBm/3kHz	Limit dBm/3kHz
802.11b	2412	-17.89	8
	2442	-16.73	8
	2472	-17.65	8
802.11g	2412	-19.73	8
	2442	-19.43	8
	2472	-19.03	8
802.11n HT20	2412	-20.00	8
	2442	-19.26	8
	2472	-19.79	8

Please refer to the following test plots:

802.11b-Low Channel



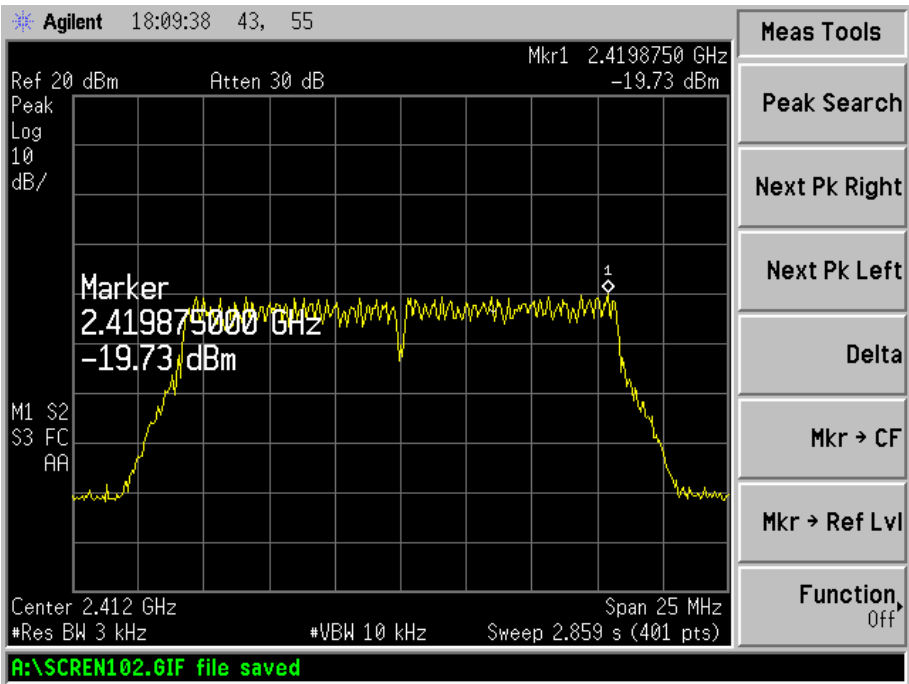
802.11b-Middle Channel



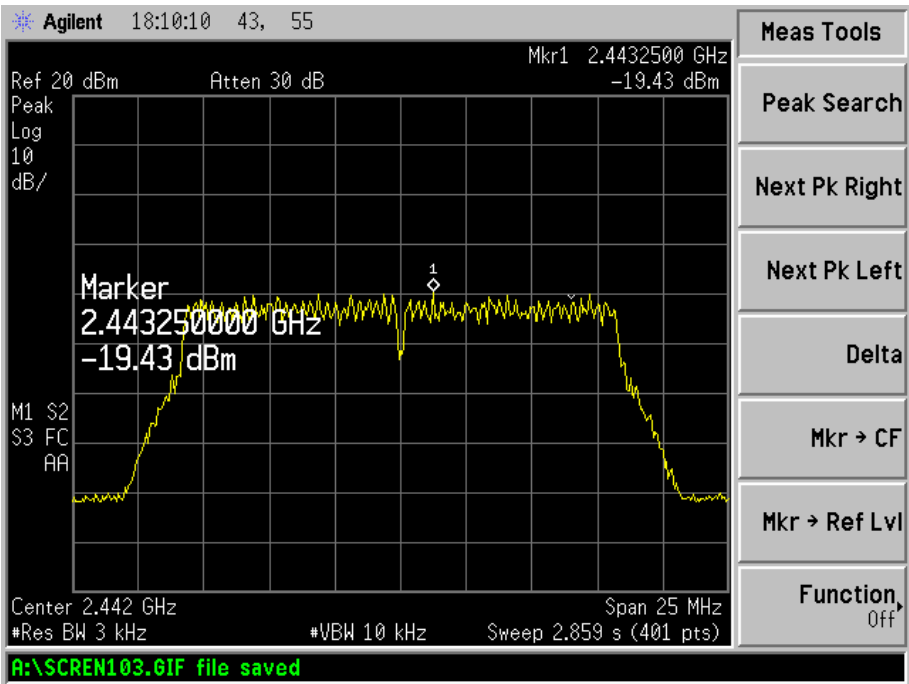
802.11b-High Channel



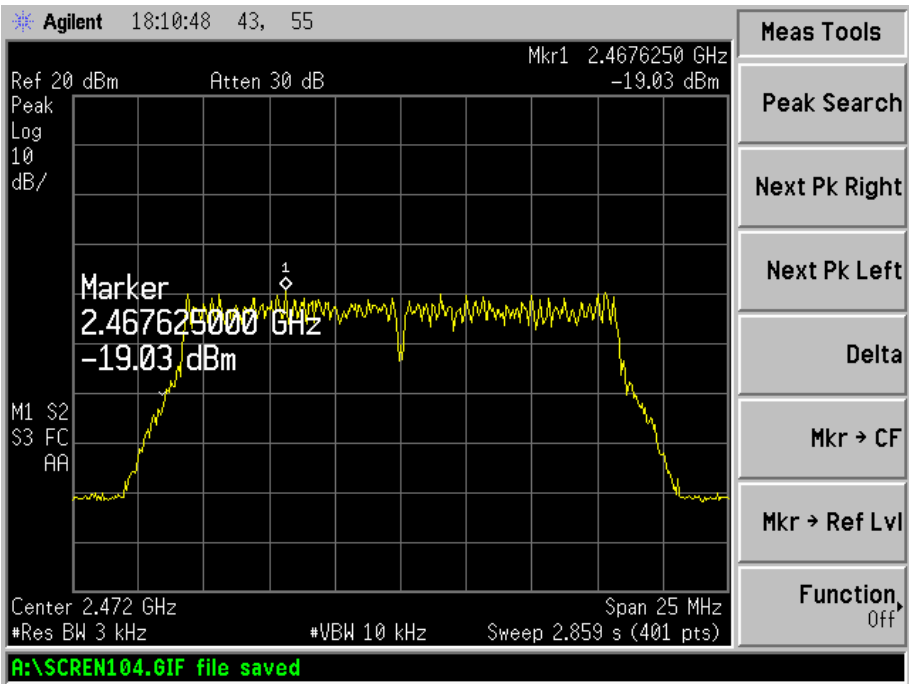
802.11g-Low Channel



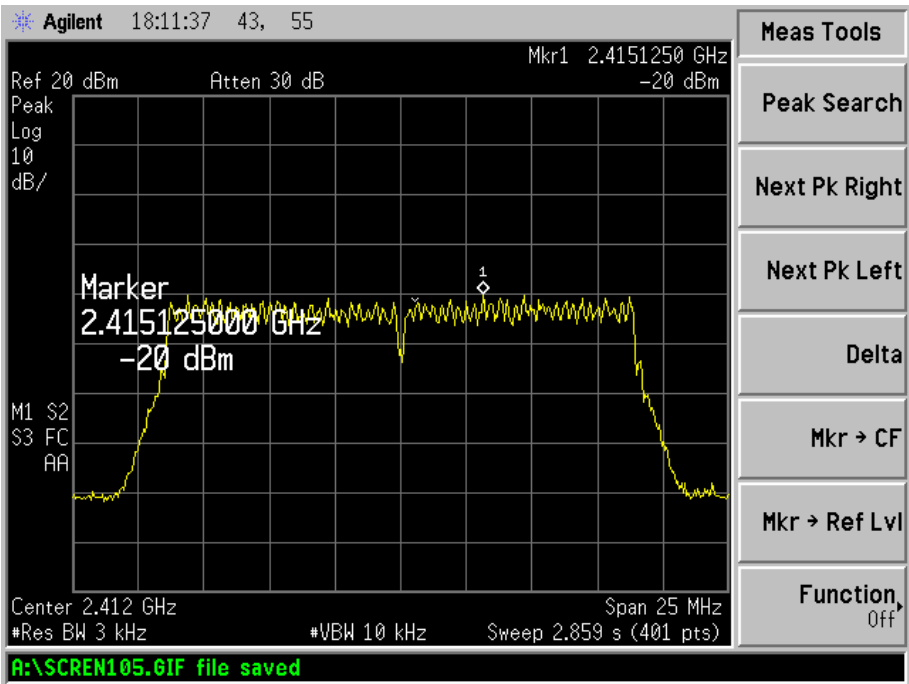
802.11g-Middle Channel



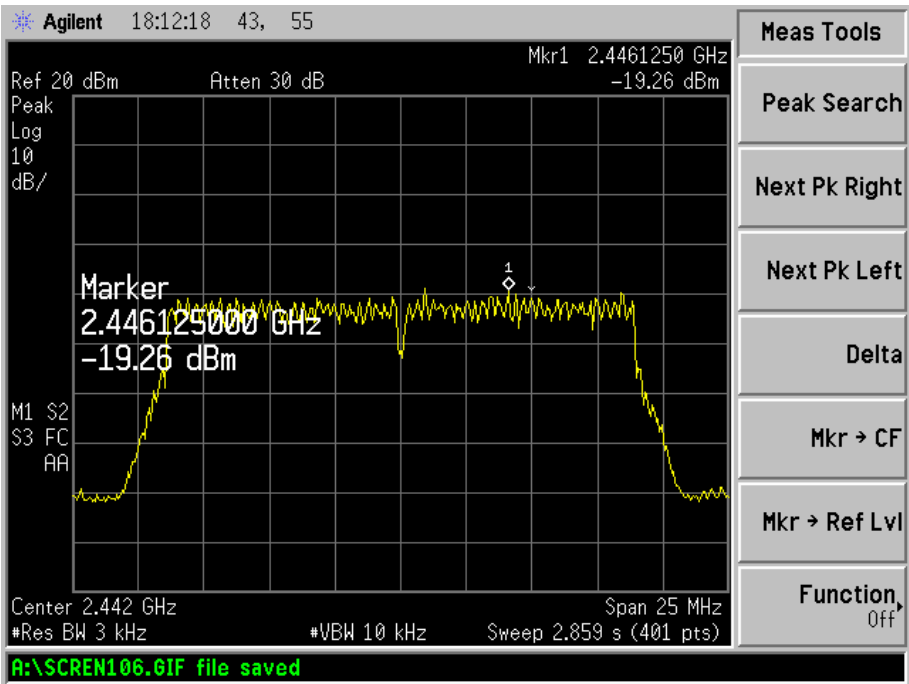
802.11g-High Channel



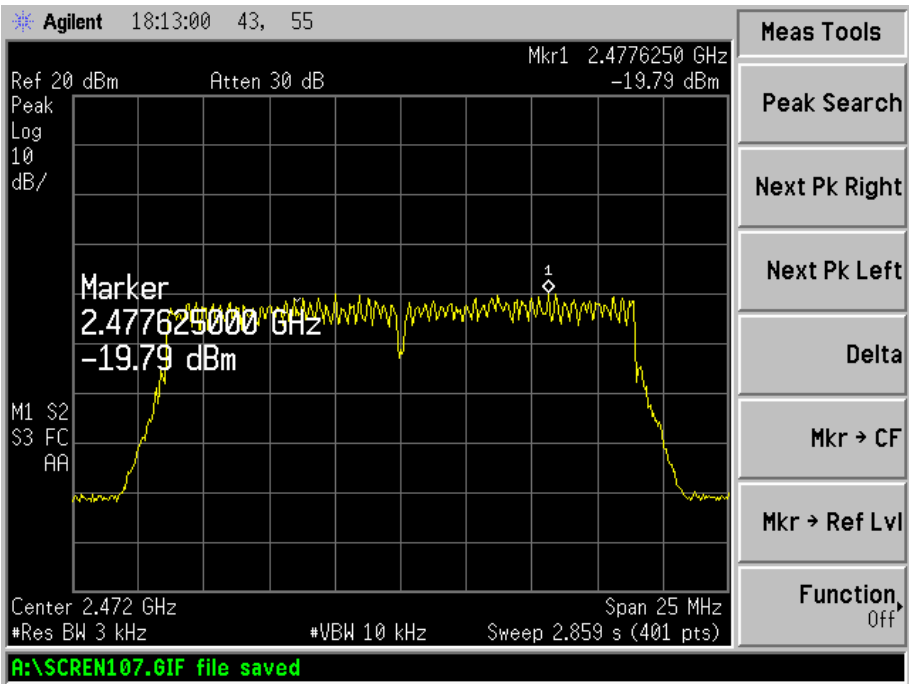
802.11n-HT20-Low Channel



802.11n-HT20-Middle Channel



802.11n-HT20-High Channel



6. 6dB Bandwidth

6.1 Standard Applicable

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

6.2 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Spectrum Analyzer	Agilent	E4402B	US41192821	2013-05-07	2014-05-06
Attenuator	ATTEN	ATS100-4-20	/	2013-05-07	2014-05-06

6.3 Test Procedure

1. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
2. Set RBW = 100 kHz.
3. Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.4 Environmental Conditions

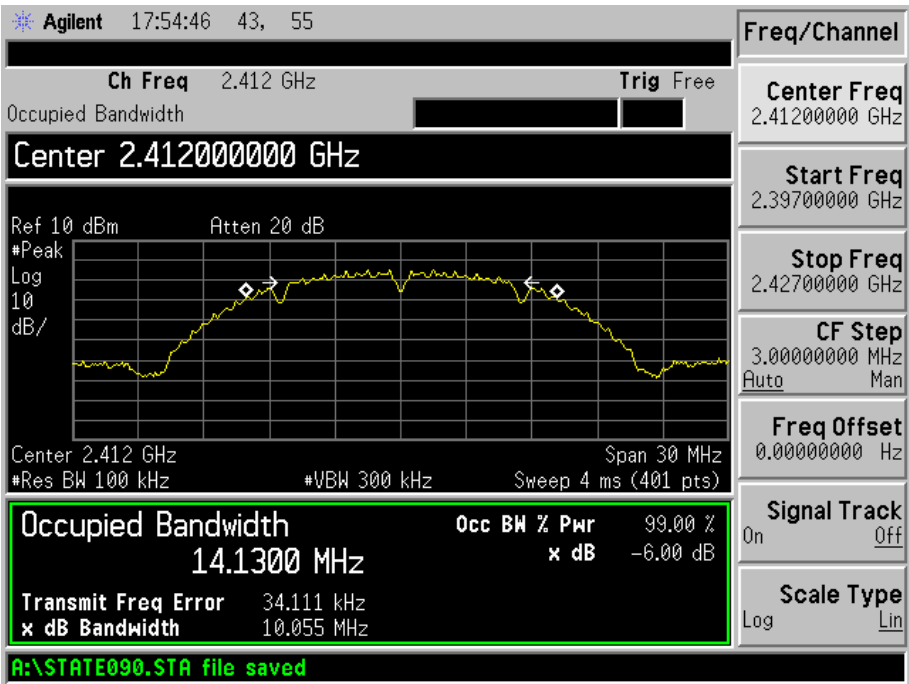
Temperature:	25° C
Relative Humidity:	53%
ATM Pressure:	1018 mbar

6.5 Summary of Test Results/Plots

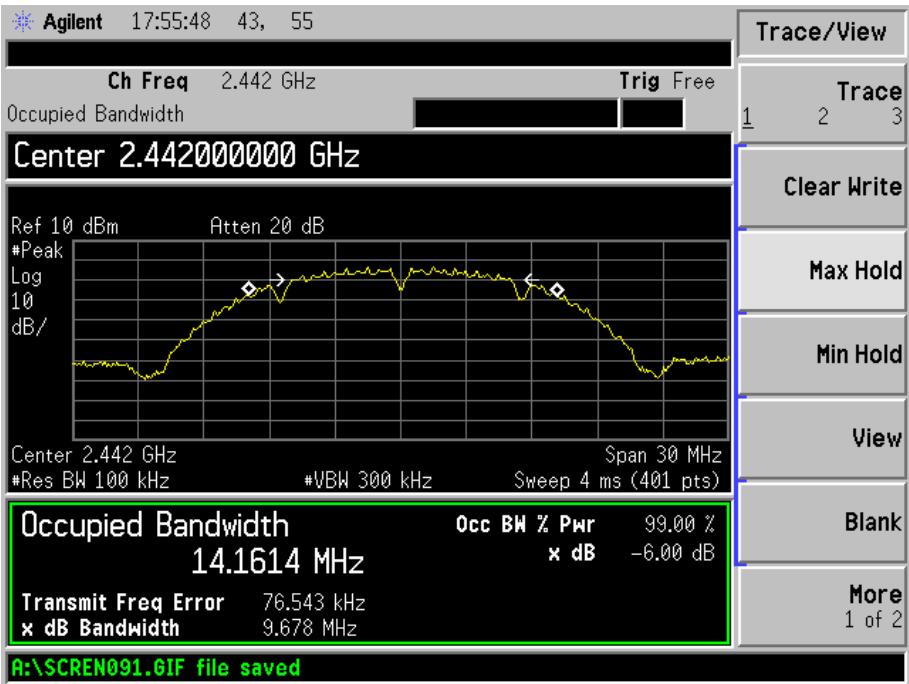
Test Mode	Test Channel MHz	6 dB Bandwidth kHz	99% Bandwidth kHz	Limit kHz
802.11b	2412	10055.0	14130.0	500
	2442	9678.0	14161.4	500
	2472	9677.0	14138.5	500
802.11g	2412	16473.0	16520.6	500
	2442	16564.0	16476.9	500
	2472	16548.0	16476.6	500
802.11n-HT20	2412	17877.0	17668.6	500
	2442	17840.0	17624.4	500
	2472	17834.0	17631.8	500

Please refer to the following test plots:

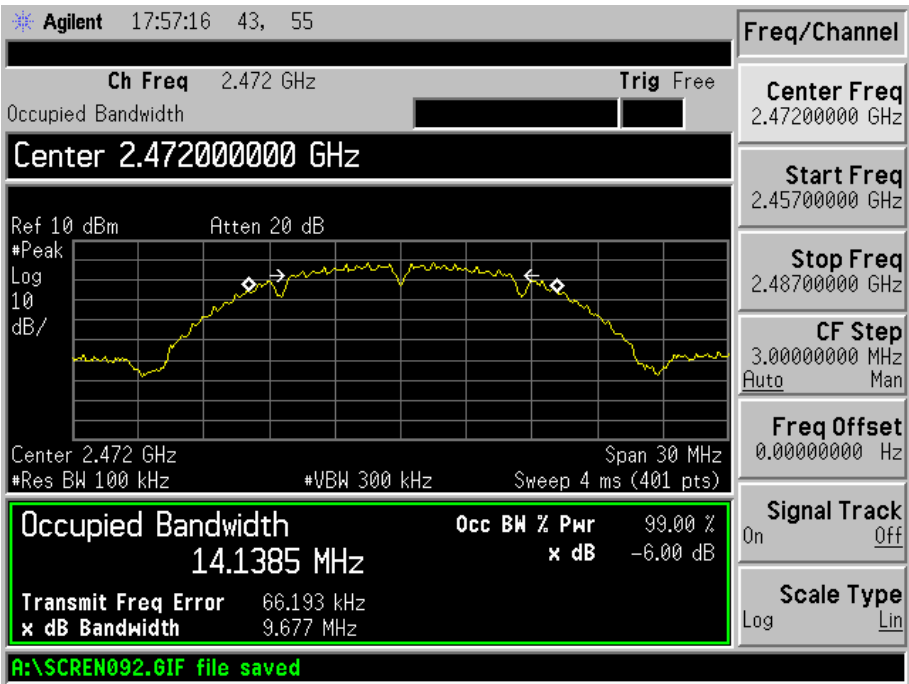
802.11b-Low Channel



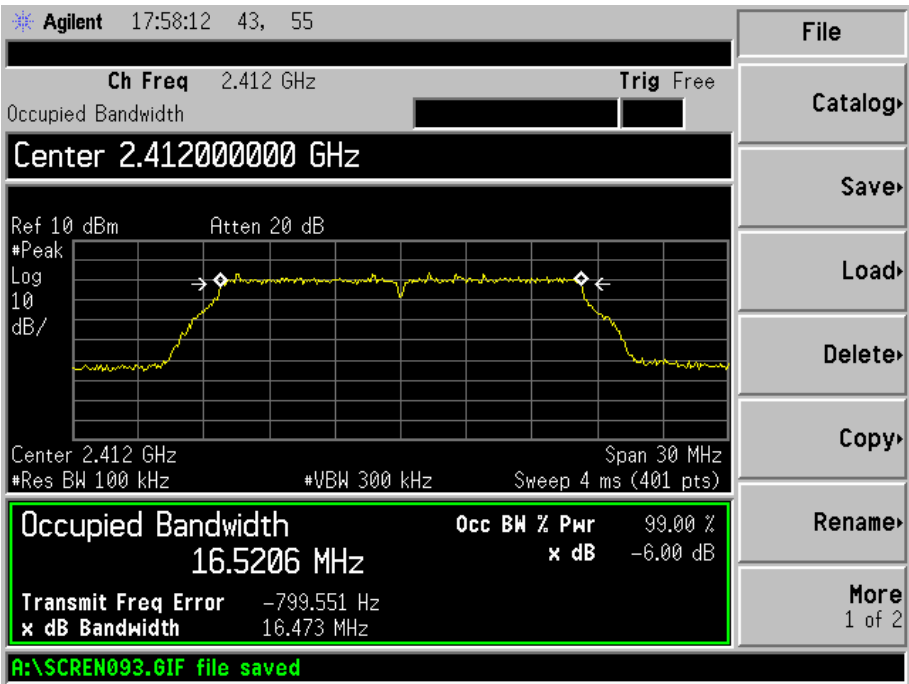
802.11b-Middle Channel



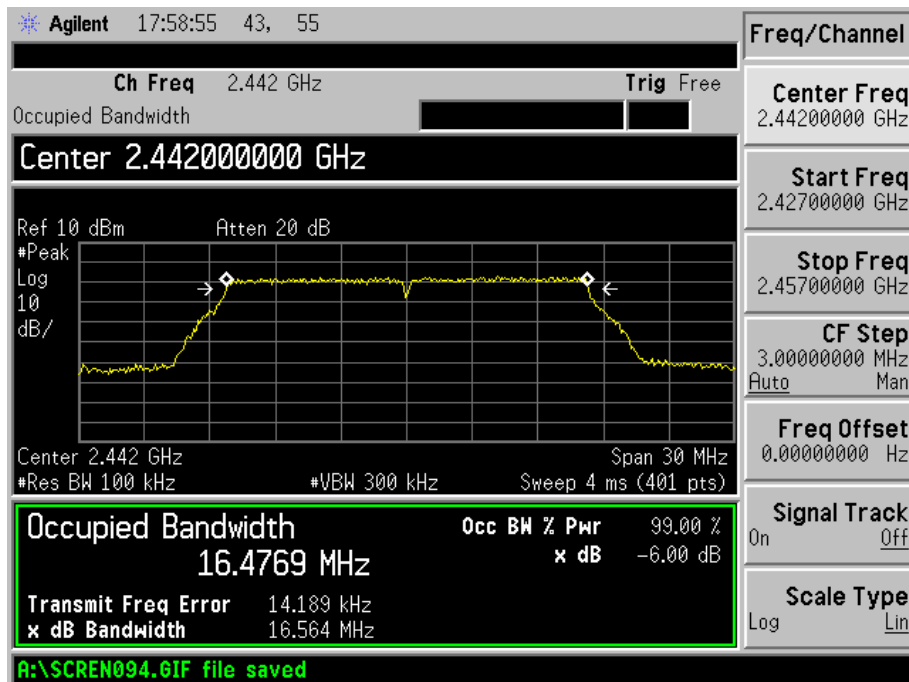
802.11b-High Channel



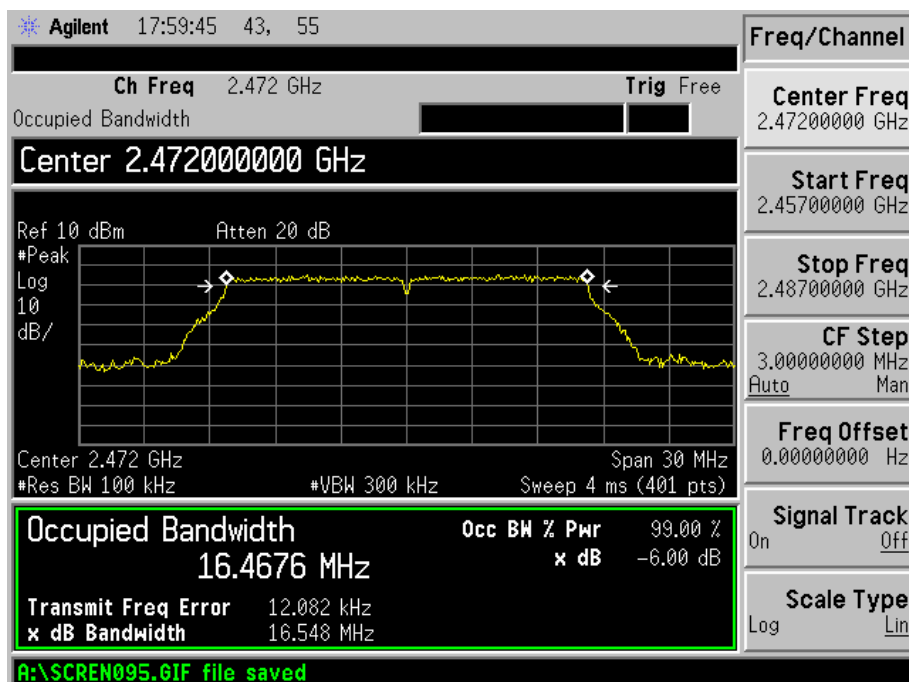
802.11g-Low Channel



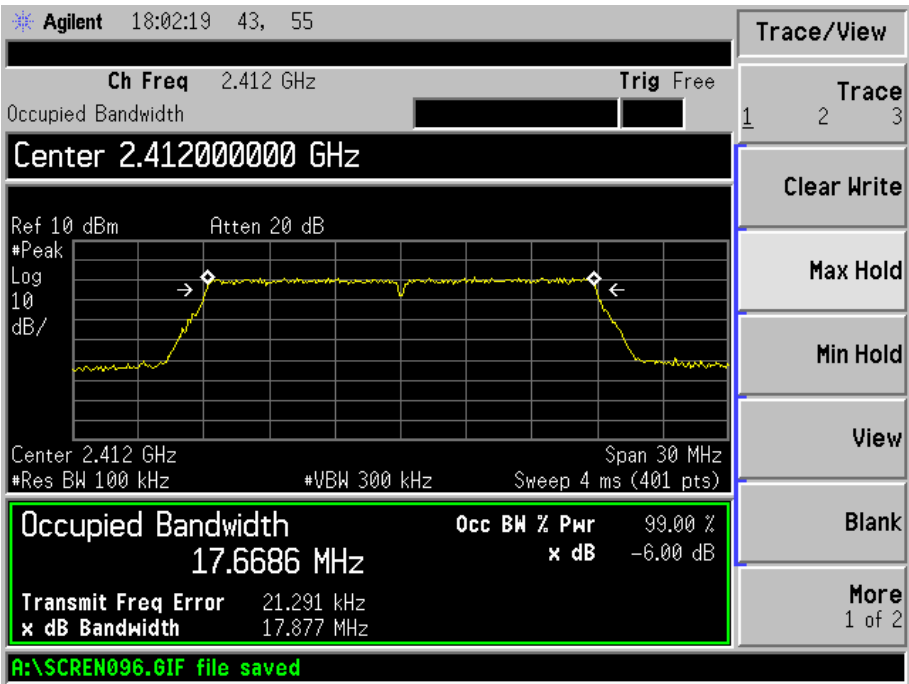
802.11g-Middle Channel



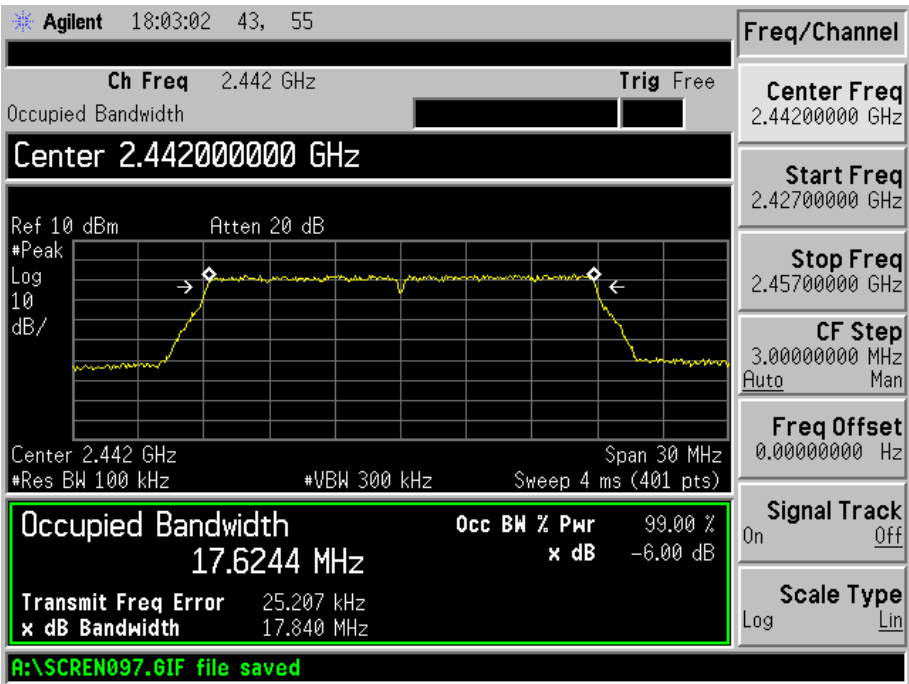
802.11g-High Channel



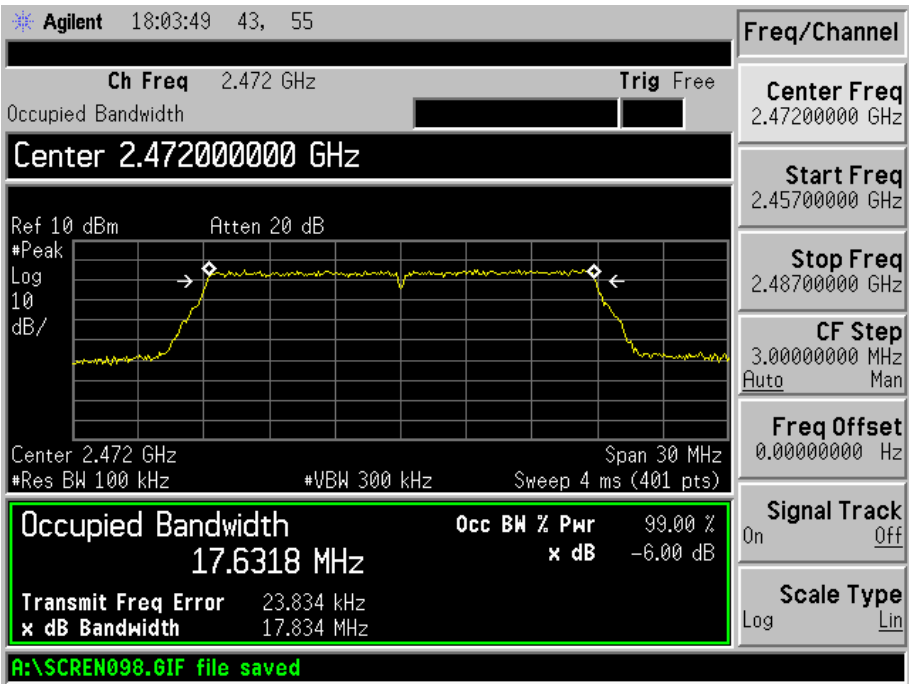
802.11n-HT20-Low Channel



802.11n-HT20-Middle Channel



802.11n-HT20-High Channel



7. RF Output Power

7.1 Standard Applicable

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

7.2 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Spectrum Analyzer	Agilent	E4402B	US41192821	2013-05-07	2014-05-06
Attenuator	ATTEN	ATS100-4-20	/	2013-05-07	2014-05-06

7.3 Test Procedure

According to section 15.247(b)-power output of the KDB 558074 D01 v03r01, 8.1.2 Option 2 (channel integration method) this procedure should only be used when the maximum available RBW of the spectrum/signal analyzer is less than the DTS bandwidth.

1. Set the RBW = 1 MHz.
2. Set the VBW $\geq$ 3 RBW
3. Set the span $\geq$ 1.5 x DTS bandwidth.
4. Detector = peak.
5. Sweep time = auto couple.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select peak detector). If the instrument does not have a band power function, sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the DTS bandwidth.

7.4 Environmental Conditions

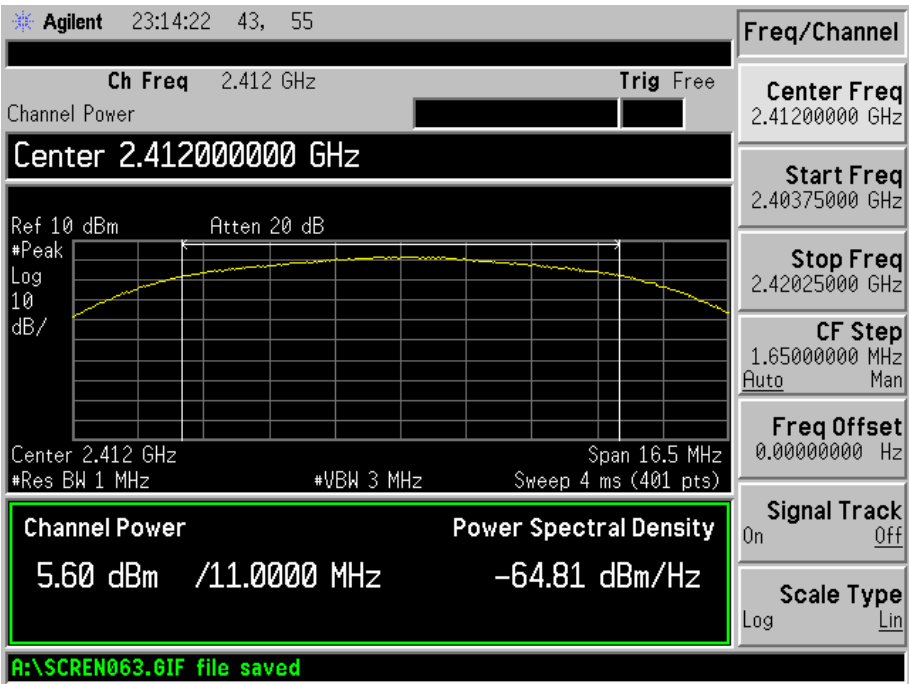
Temperature:	26° C
Relative Humidity:	57%
ATM Pressure:	1011 mbar

7.5 Summary of Test Results/Plots

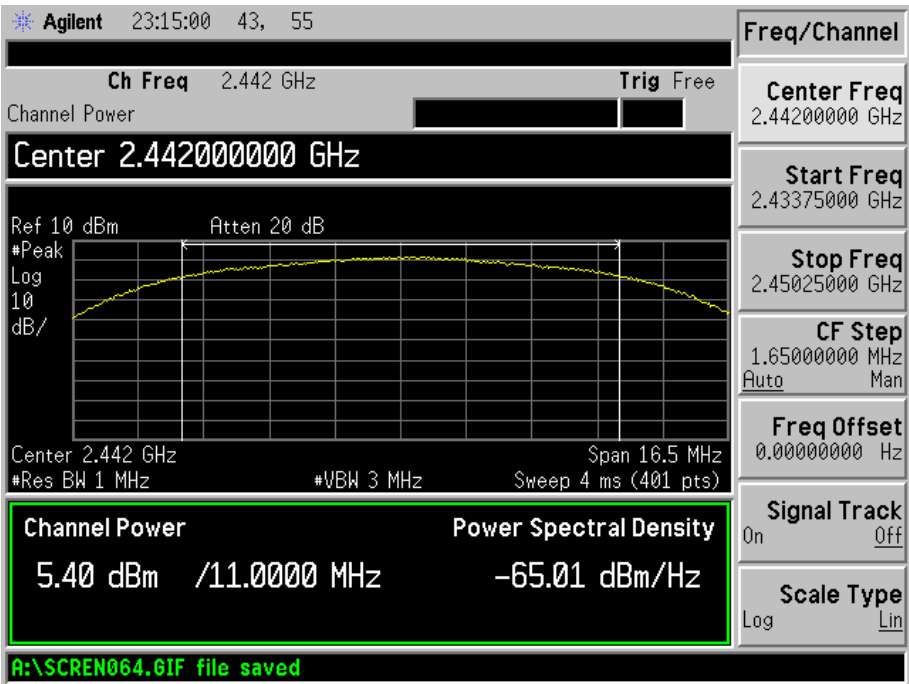
Test Mode	Frequency MHz	Reading dBm	Output Power mW	Limit mW
802.11b_11Mbps	2412	5.60	3.63	1000
	2442	5.40	3.47	1000
	2472	5.99	3.97	1000
802.11g_54Mbps	2412	4.79	3.01	1000
	2442	4.53	2.84	1000
	2472	5.39	3.46	1000
802.11n HT20_MCS7	2412	4.89	3.08	1000
	2442	4.62	2.90	1000
	2472	5.33	3.41	1000

Please refer to the following test plots:

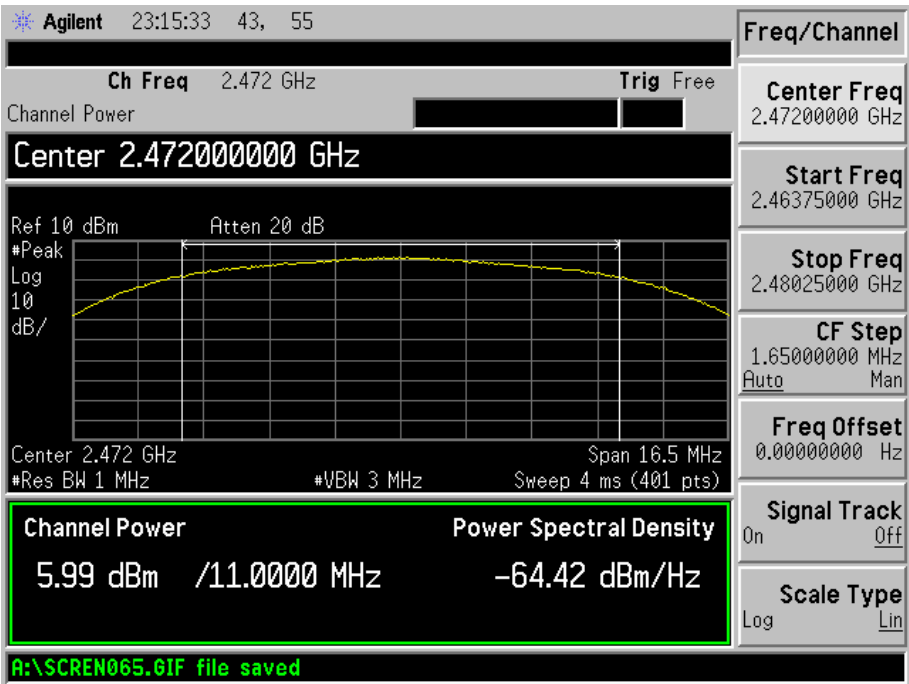
802.11-11Mbps-Low Channel



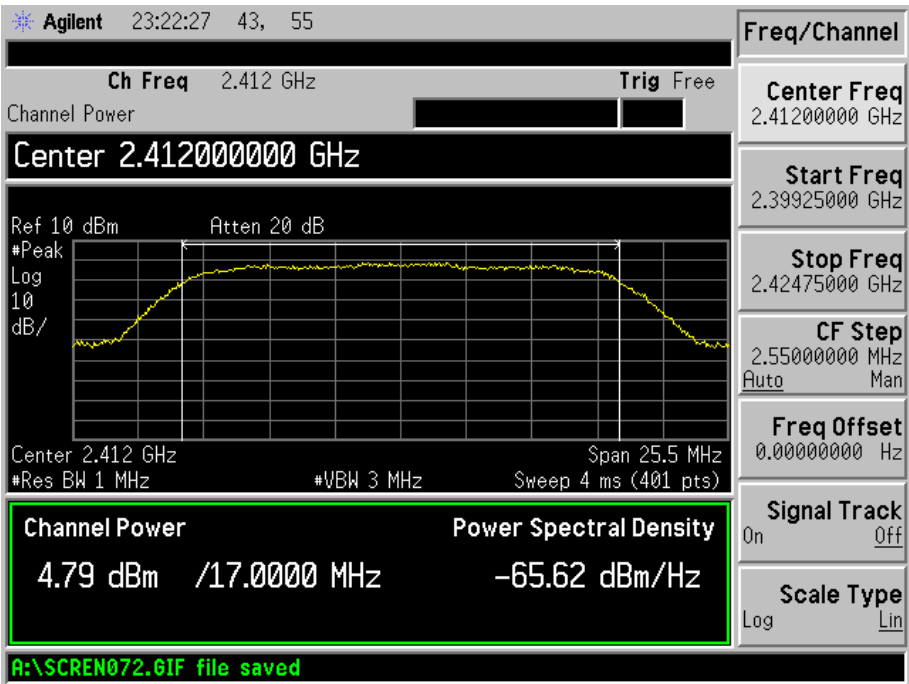
802.11b -11Mbps-Middle Channel



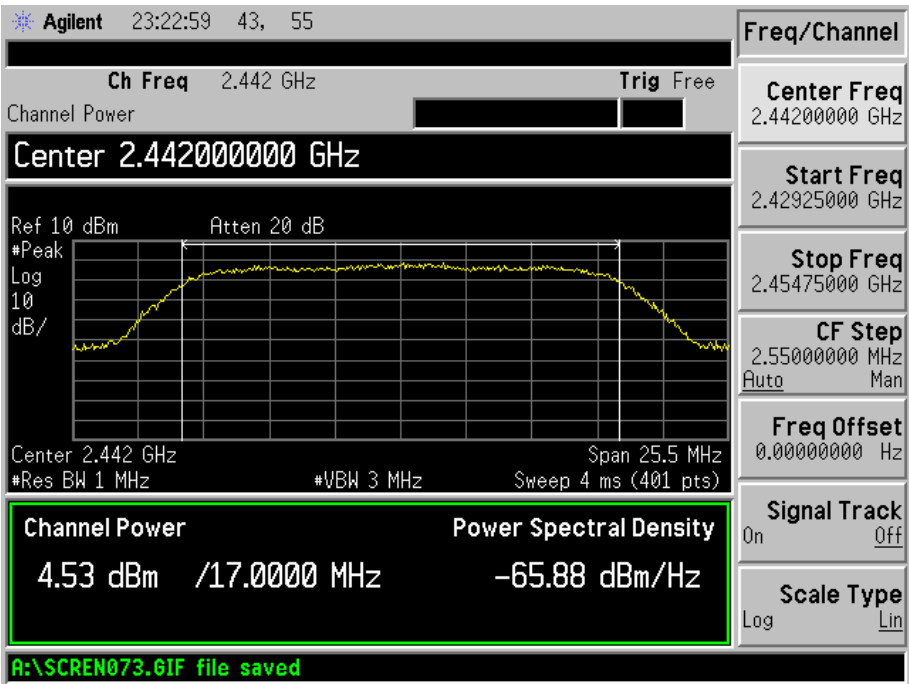
802.11b -11Mbps-High Channel



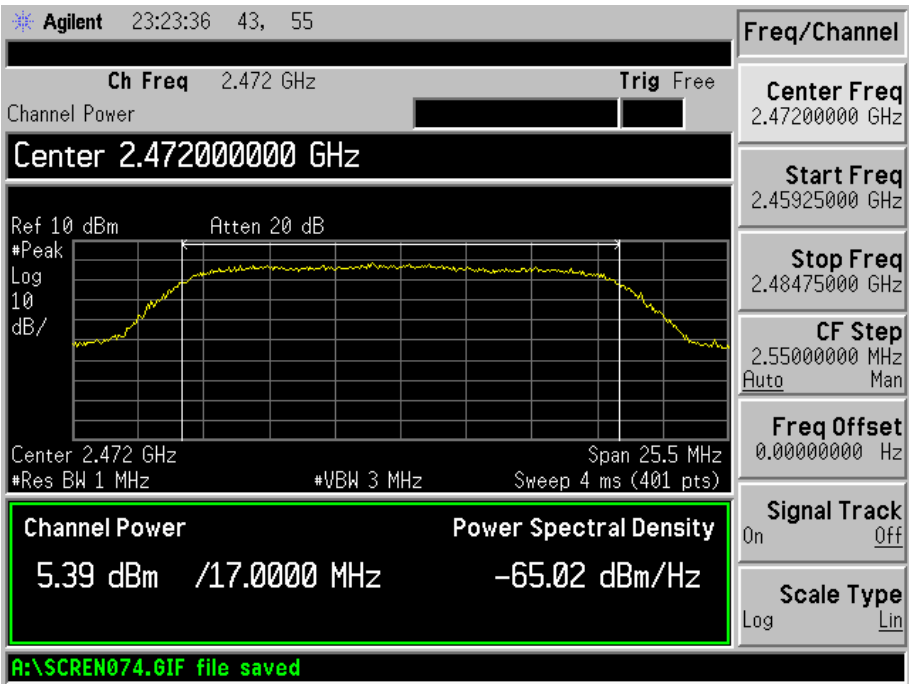
802.11g-54Mbps-Low Channel



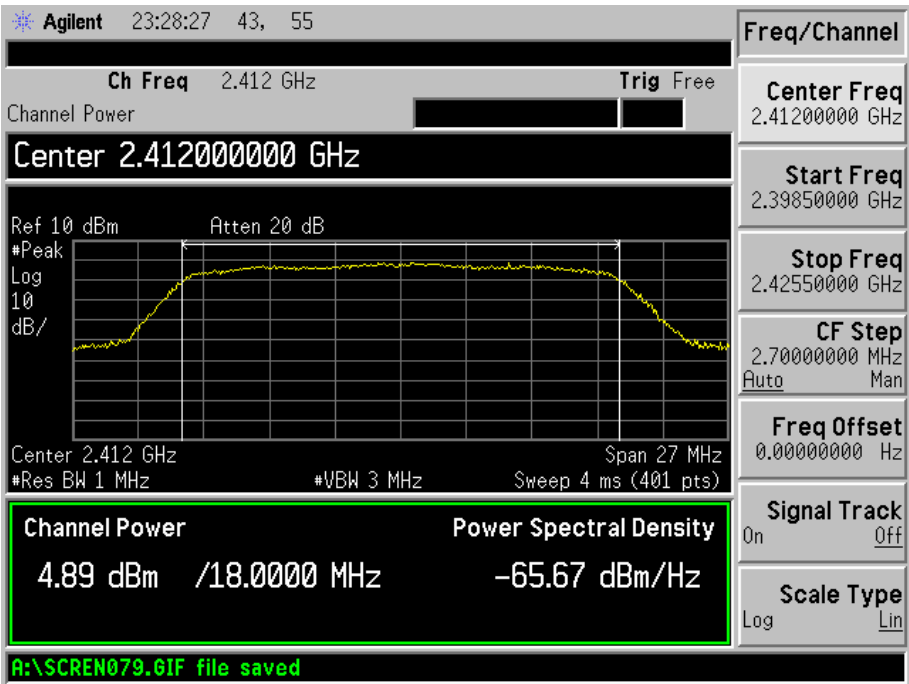
802.11g-54Mbps-Middle Channel



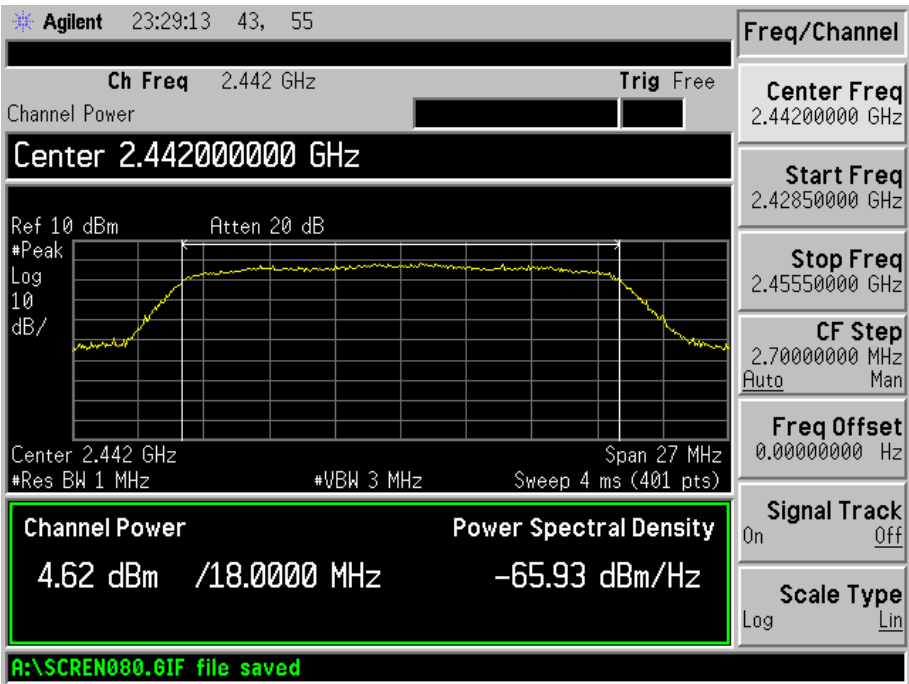
802.11g-54Mbps-High Channel



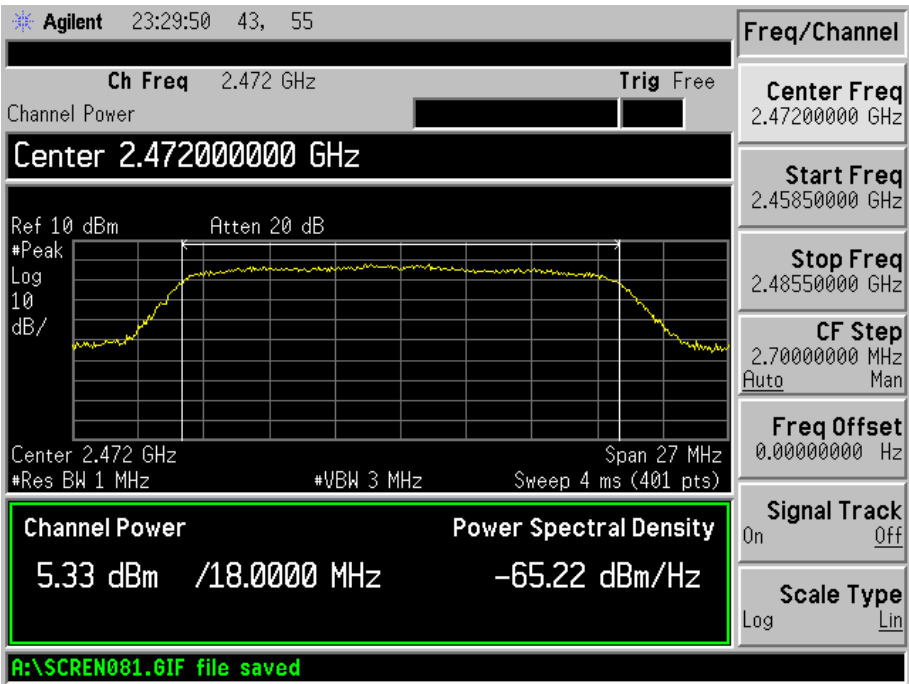
802.11n-HT20-MCS7-Low Channel



802.11n-HT20-MCS7-Middle Channel



802.11n-HT20-MCS7-High Channel



8. Field Strength of Spurious Emissions

8.1 Measurement Uncertainty

Based on NIS 81, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of a radiation emissions measurement is ± 5.10 dB.

8.2 Standard Applicable

According to §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 §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

8.3 Test Equipment List and Details

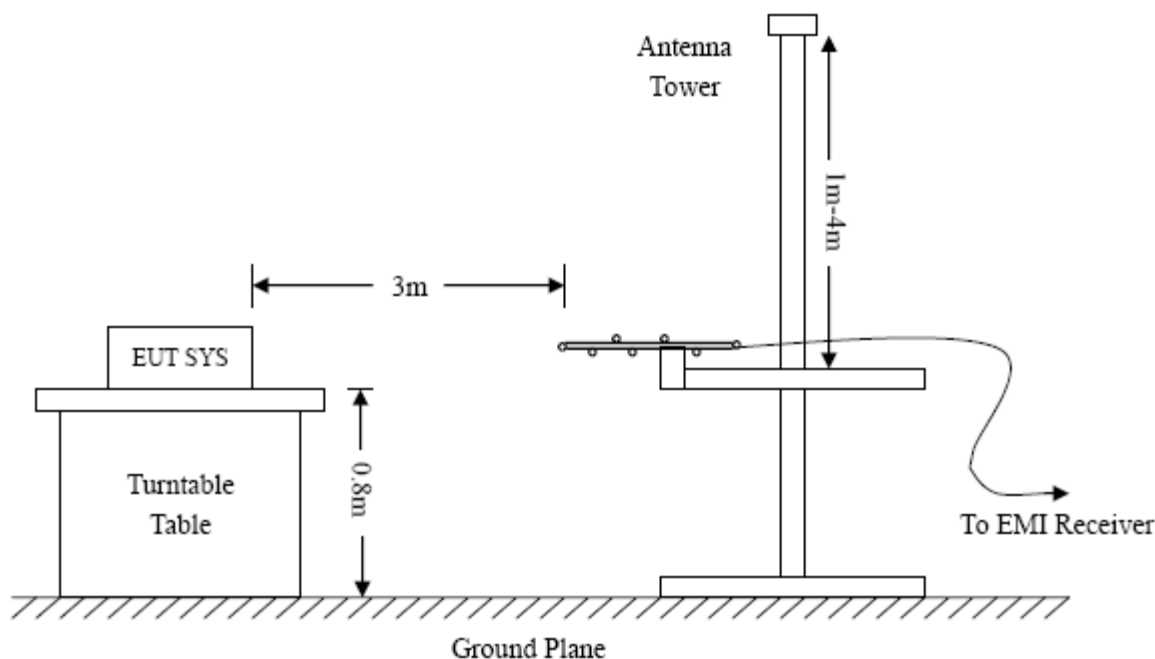
Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Spectrum Analyzer	R&S	FSP	836079/035	2013-05-07	2014-05-06
EMI Test Receiver	R&S	ESVB	825471/005	2013-05-07	2014-05-06
Pre-amplifier	Agilent	8447F	3113A06717	2013-05-07	2014-05-06
Pre-amplifier	Compliance Direction	PAP-0118	24002	2013-05-07	2014-05-06
Trilog Broadband Antenna	SCHWARZBECK	VULB9163	9163-333	2013-04-20	2014-04-19
Horn Antenna	ETS	3117	00086197	2013-04-20	2014-04-19
Horn Antenna	ETS	3116B	00088203	2013-04-20	2014-04-19
Loop Antenna	SCHWARZECK	HFRA 5165	9365	2013-04-20	2014-04-19

8.4 Test Procedure

The setup of EUT is according with per ANSI C63.4-2003 measurement procedure. The specification used was with the FCC Part 15.205 15.247(a) and FCC Part 15.209 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.



Frequency :9kHz-30MHz

RBW=10KHz,

VBW =30KHz

Sweep time= Auto

Trace = max hold

Detector function = peak

Frequency :30MHz-1GHz

RBW=120KHz,

VBW=300KHz

Sweep time= Auto

Trace = max hold

Detector function = peak, QP

Frequency :Above 1GHz

RBW=1MHz,

VBW=3MHz(Peak), 10Hz(AV)

Sweep time= Auto

Trace = max hold

Detector function = peak, AV

8.5 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Ant. Factor} + \text{Cable Loss} - \text{Ampl. Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dBμV means the emission is 6dBμV below the maximum limit for Class B. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15 Limit}$$

8.6 Environmental Conditions

Temperature:	25 °C
Relative Humidity:	52%
ATM Pressure:	1012 mbar

8.7 Summary of Test Results/Plots

According to the data below, the FCC Part 15.205, 15.209 and 15.247 standards, and had the worst cases:

Note: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

Plot of Radiated Emissions Test Data (30MHz to 1GHz)

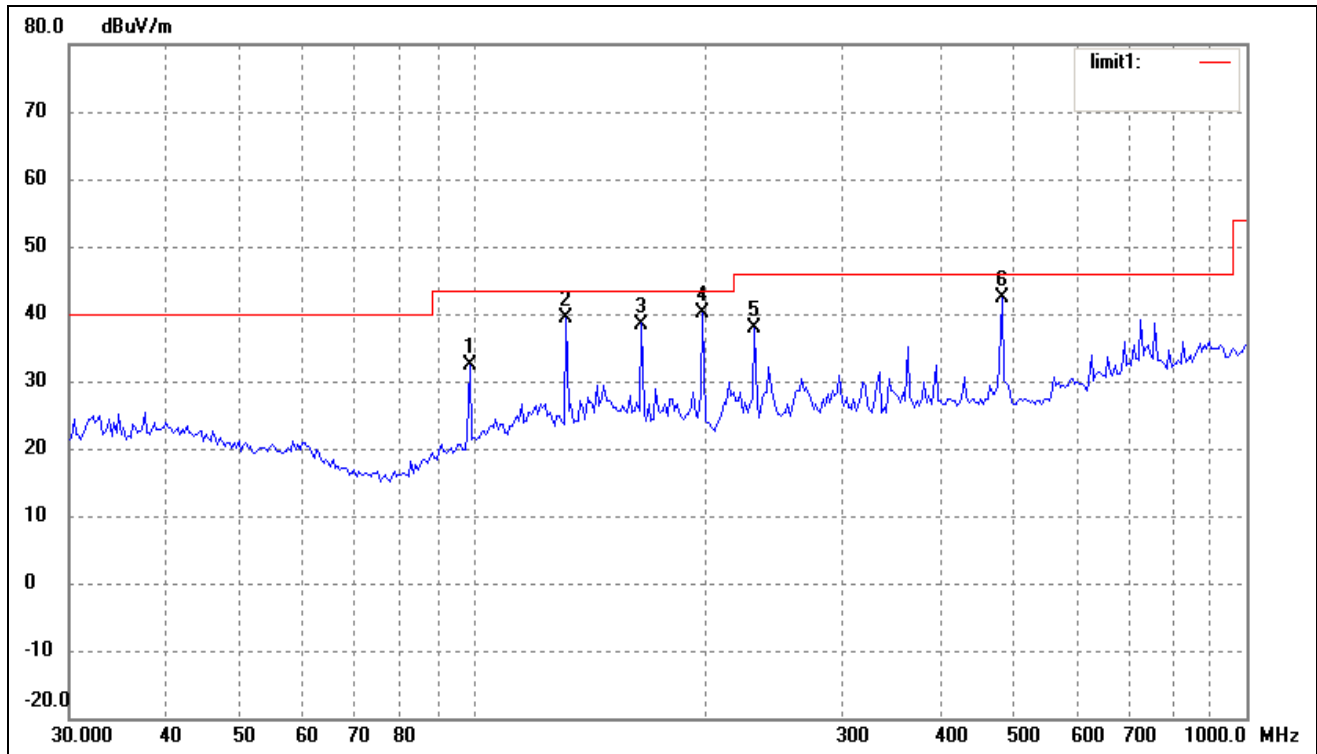
EUT: Tablet PC

Tested Model: LC0901D

Operating Condition: 802.11b Transmitting Low Channel-2412MHz

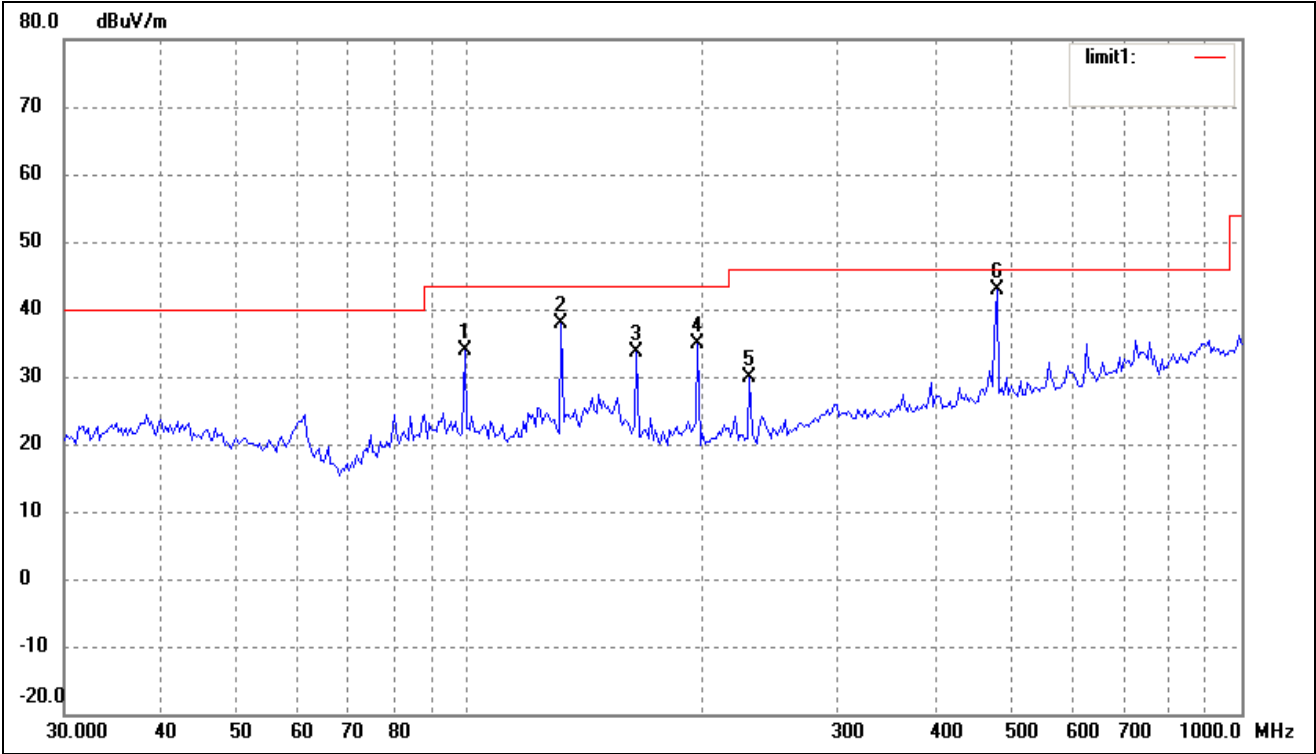
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	98.8326	25.95	6.55	32.50	43.50	-11.00	128	100	peak
2	131.7577	35.40	4.00	39.40	43.50	-4.10	152	100	peak
3	164.9075	34.82	3.68	38.50	43.50	-5.00	145	100	peak
4	197.8928	35.46	4.55	40.01	43.50	-3.49	135	100	peak
5	230.9068	31.45	6.51	37.96	46.00	-8.04	120	100	peak
6	482.2156	30.87	11.49	42.36	46.00	-3.64	105	100	peak

Test Specification: Vertical

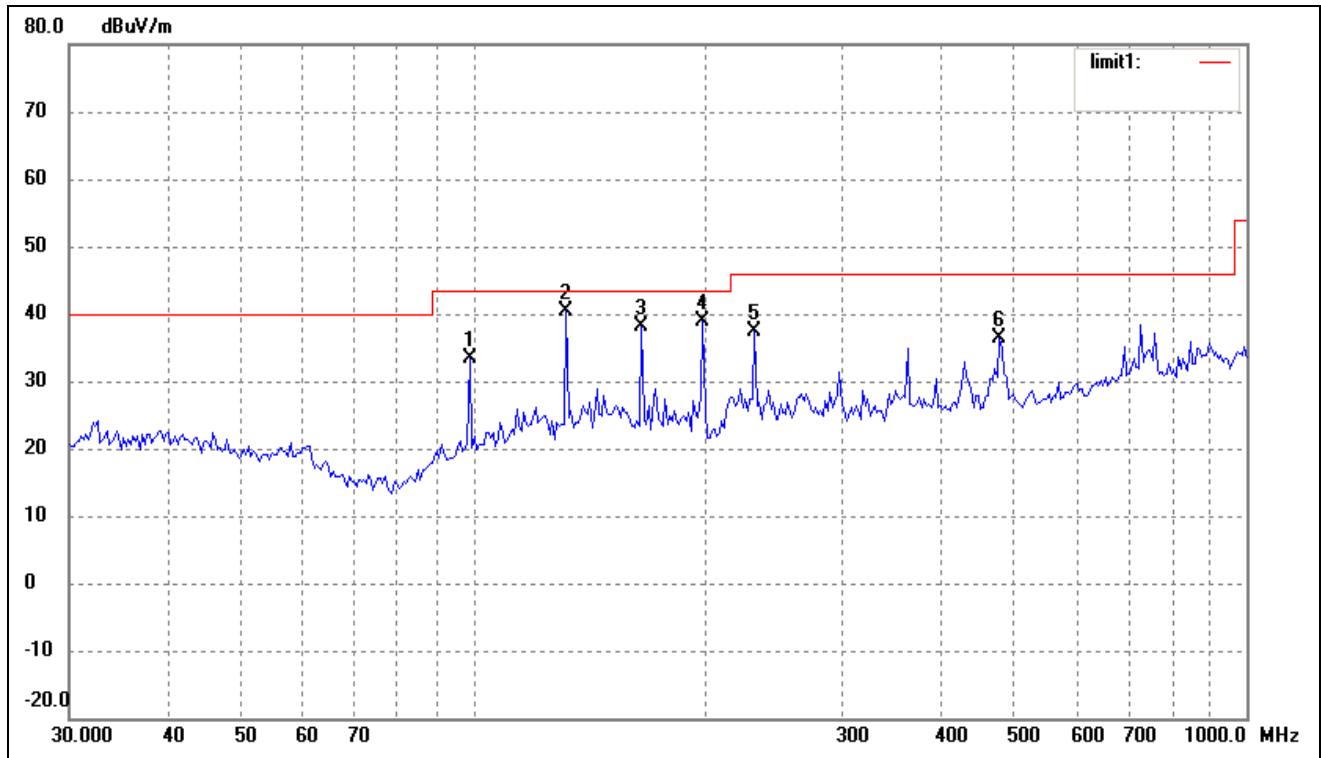


No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	27.35	6.55	33.90	43.50	-9.60	105	100	peak
2	131.7577	33.76	4.00	37.76	43.50	-5.74	120	100	peak
3	164.9075	29.86	3.68	33.54	43.50	-9.96	135	100	peak
4	197.8928	30.22	4.55	34.77	43.50	-8.73	240	100	peak
5	230.9068	23.31	6.51	29.82	46.00	-16.18	165	100	peak
6	482.2156	31.38	11.49	42.87	46.00	-3.13	150	100	peak

Operating Condition: 802.11b Transmitting Middle Channel-2442MHz

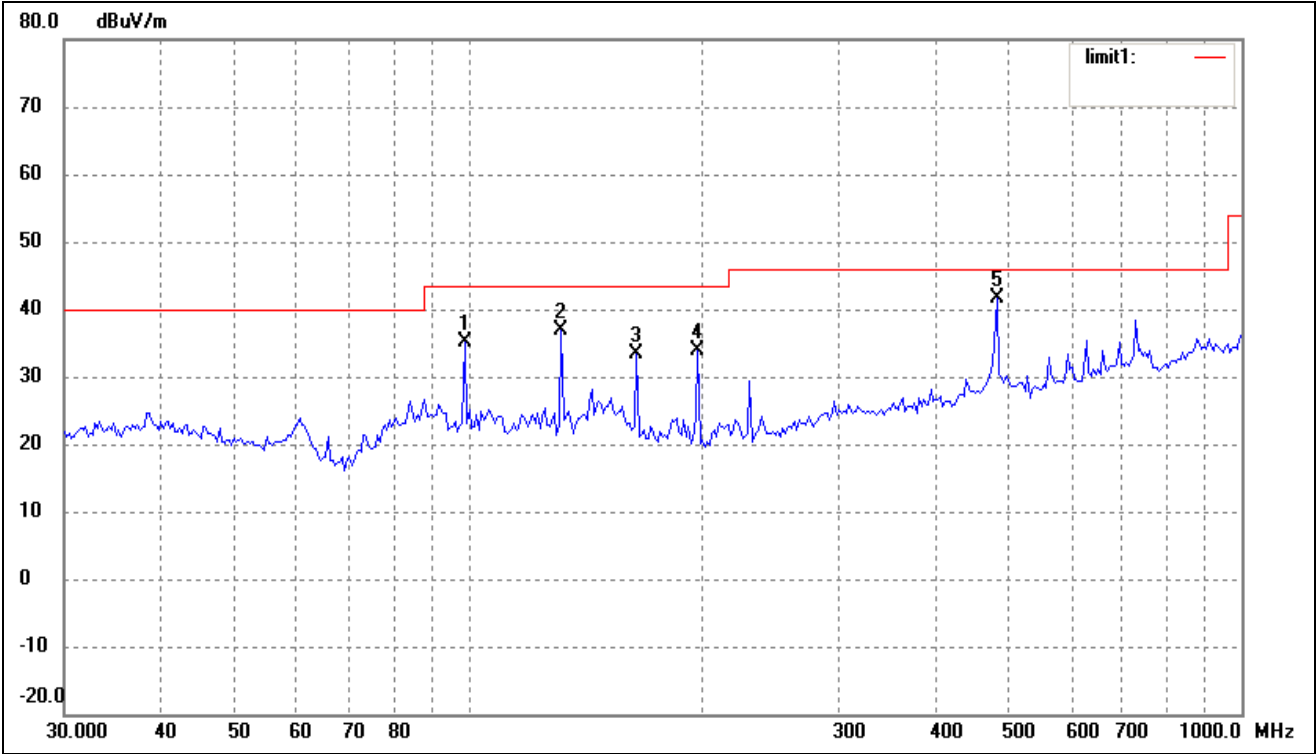
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	98.8326	26.74	6.55	33.29	43.50	-10.21	105	100	peak
2	131.7577	36.38	4.00	40.38	43.50	-3.12	125	100	peak
3	164.9075	34.37	3.68	38.05	43.50	-5.45	140	100	peak
4	197.8928	34.41	4.55	38.96	43.50	-4.54	175	100	peak
5	230.9068	30.77	6.51	37.28	46.00	-8.72	250	100	peak
6	478.8456	25.01	11.42	36.43	46.00	-9.57	210	100	peak

Test Specification: Vertical

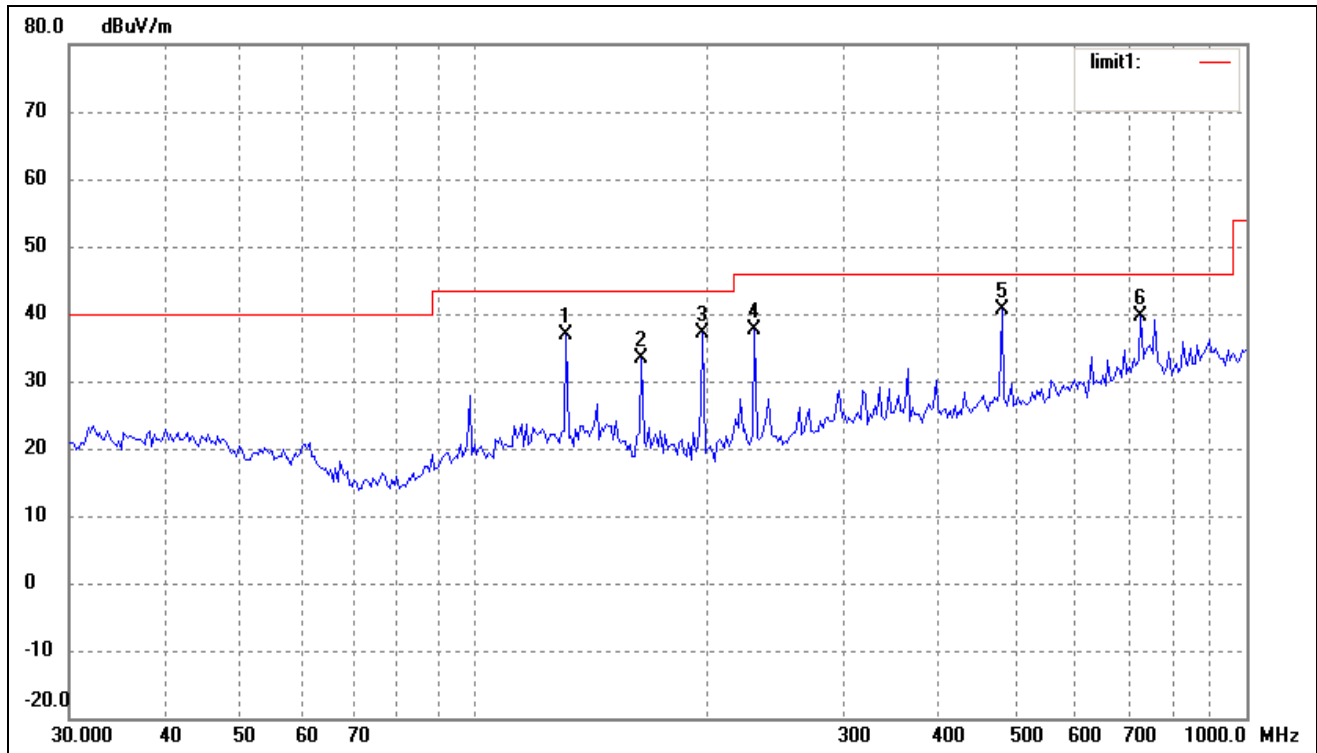


No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	28.53	6.55	35.08	43.50	-8.42	148	100	peak
2	131.7577	32.89	4.00	36.89	43.50	-6.61	152	100	peak
3	164.9075	29.72	3.68	33.40	43.50	-10.10	250	100	peak
4	197.8928	29.24	4.55	33.79	43.50	-9.71	162	100	peak
5	482.2156	30.02	11.49	41.51	46.00	-4.49	185	100	peak

Operating Condition: 802.11b Transmitting High Channel-2472MHz

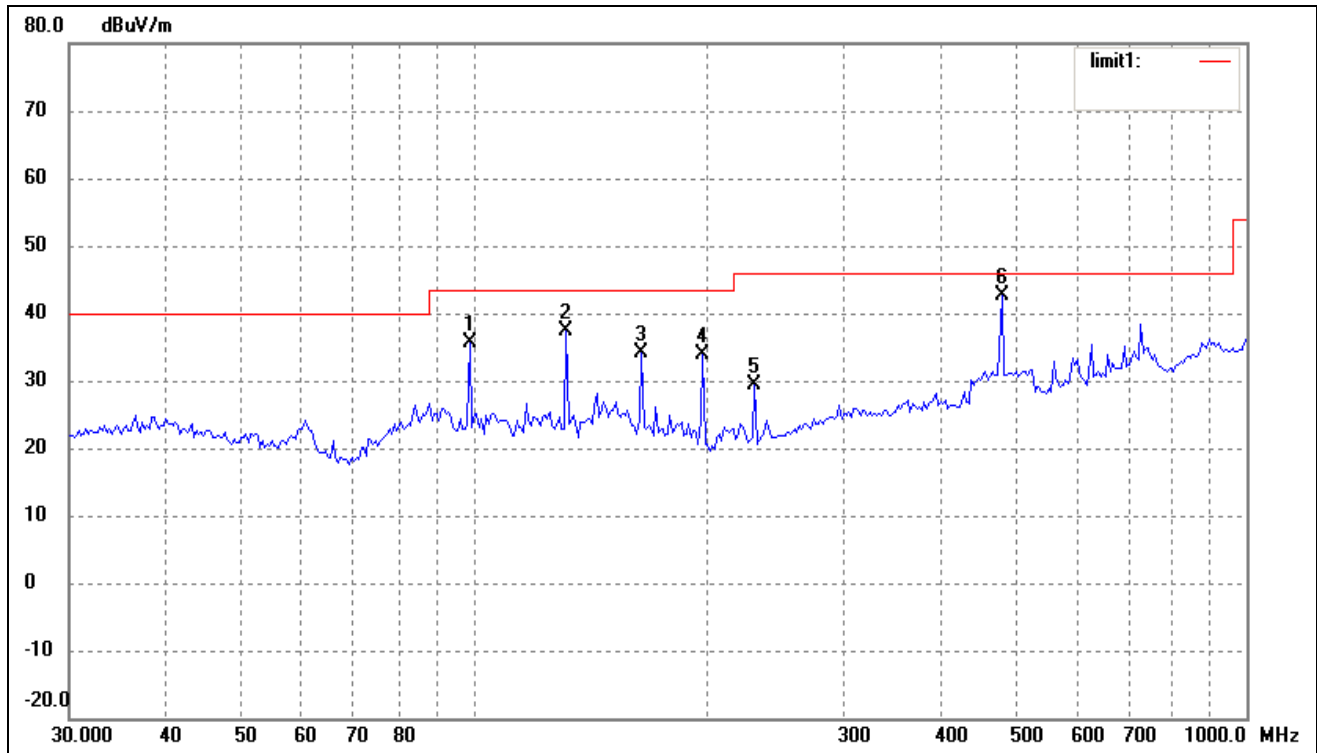
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	131.7577	32.83	4.00	36.83	43.50	-6.67	145	100	peak
2	164.9075	29.74	3.68	33.42	43.50	-10.08	165	100	peak
3	197.8928	32.65	4.55	37.20	43.50	-6.30	178	100	peak
4	230.9068	31.04	6.51	37.55	46.00	-8.45	135	100	peak
5	482.2156	29.08	11.49	40.57	46.00	-5.43	124	100	peak
6	729.3583	22.21	17.31	39.52	46.00	-6.48	106	100	peak

Test Specification: Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	28.98	6.55	35.53	43.50	-7.97	105	100	peak
2	131.7577	33.49	4.00	37.49	43.50	-6.01	135	100	peak
3	164.9075	30.43	3.68	34.11	43.50	-9.39	255	100	peak
4	197.8928	29.24	4.55	33.79	43.50	-9.71	145	100	peak
5	230.9068	22.94	6.51	29.45	46.00	-16.55	185	100	peak
6	482.2156	31.02	11.49	42.51	46.00	-3.49	165	100	peak

Plot of Radiated Emissions Test Data (30MHz to 1GHz)

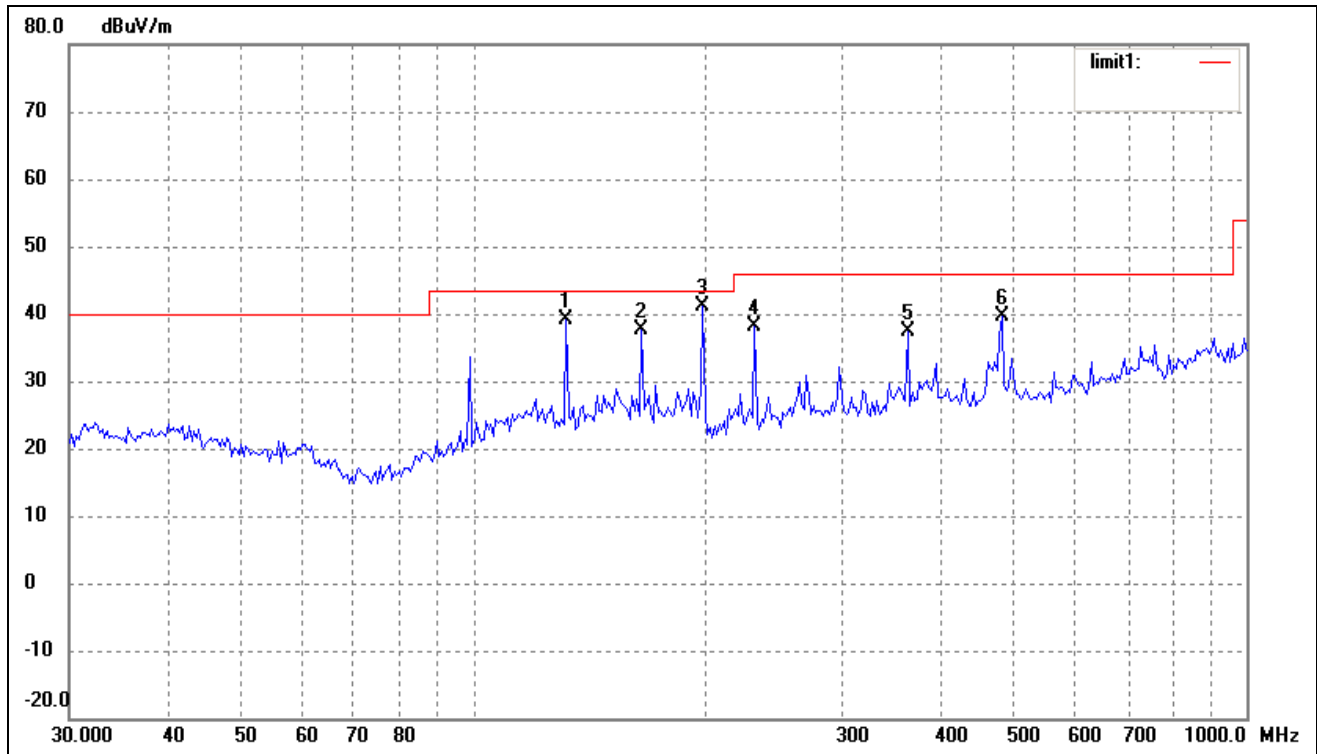
EUT: Tablet PC

Tested Model: LC0901D

Operating Condition: 802.11g Transmitting Low Channel-2412MHz

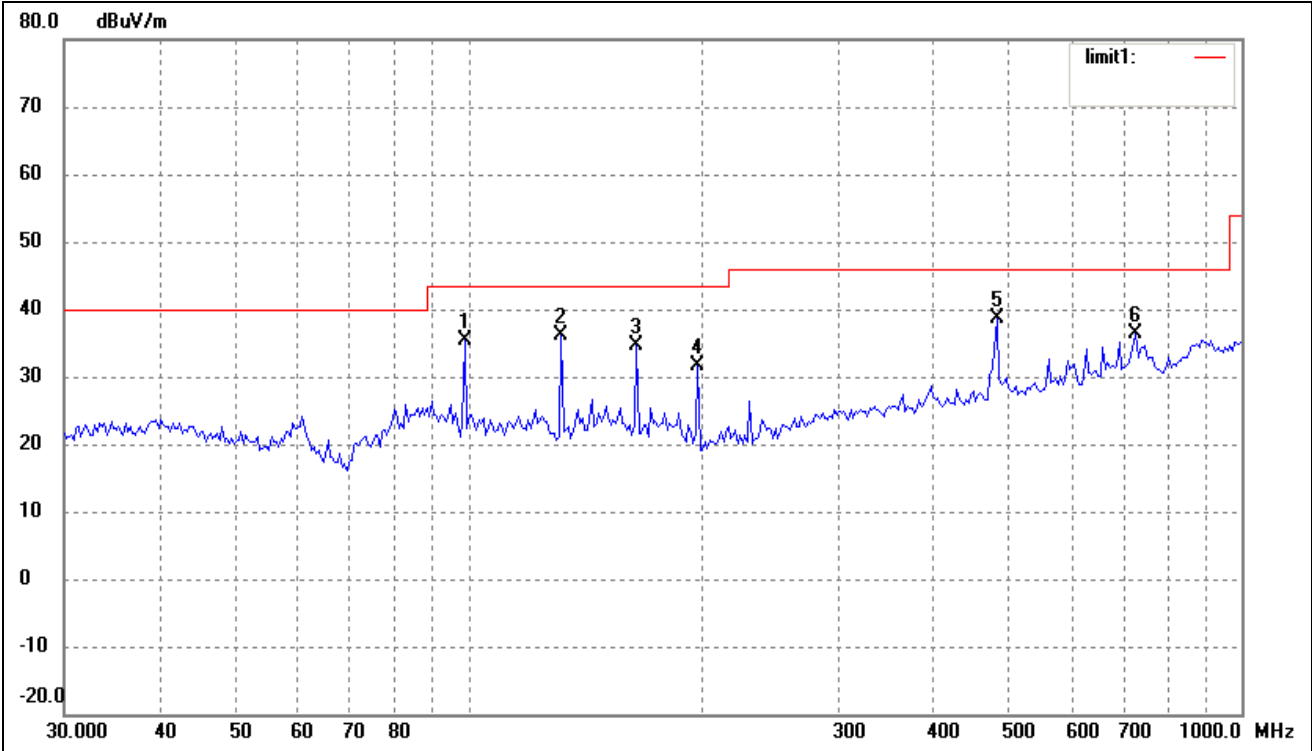
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	131.7577	35.22	4.00	39.22	43.50	-4.28	185	100	peak
2	164.9075	34.03	3.68	37.71	43.50	-5.79	160	100	peak
3	197.8928	36.47	4.55	41.02	43.50	-2.48	152	100	peak
4	230.9068	31.54	6.51	38.05	46.00	-7.95	148	100	peak
5	364.2595	26.71	10.68	37.39	46.00	-8.61	125	100	peak
6	482.2156	28.07	11.49	39.56	46.00	-6.44	105	100	peak

Test Specification: Vertical

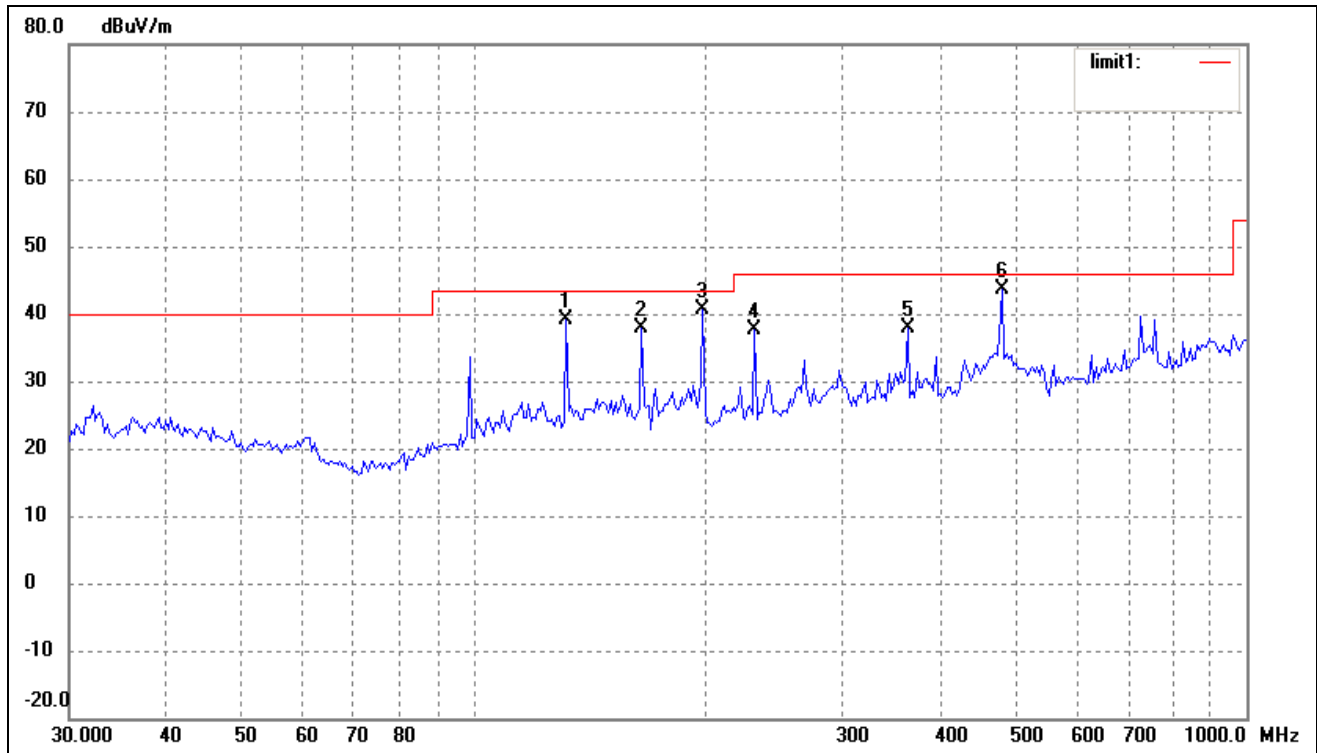


No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	28.82	6.55	35.37	43.50	-8.13	145	100	peak
2	131.7577	32.19	4.00	36.19	43.50	-7.31	125	100	peak
3	164.9075	31.00	3.68	34.68	43.50	-8.82	165	100	peak
4	197.8928	27.09	4.55	31.64	43.50	-11.86	148	100	peak
5	482.2156	27.23	11.49	38.72	46.00	-7.28	115	100	peak
6	729.3583	19.08	17.31	36.39	46.00	-9.61	135	100	peak

Operating Condition: 802.11g Transmitting Middle Channel-2442MHz

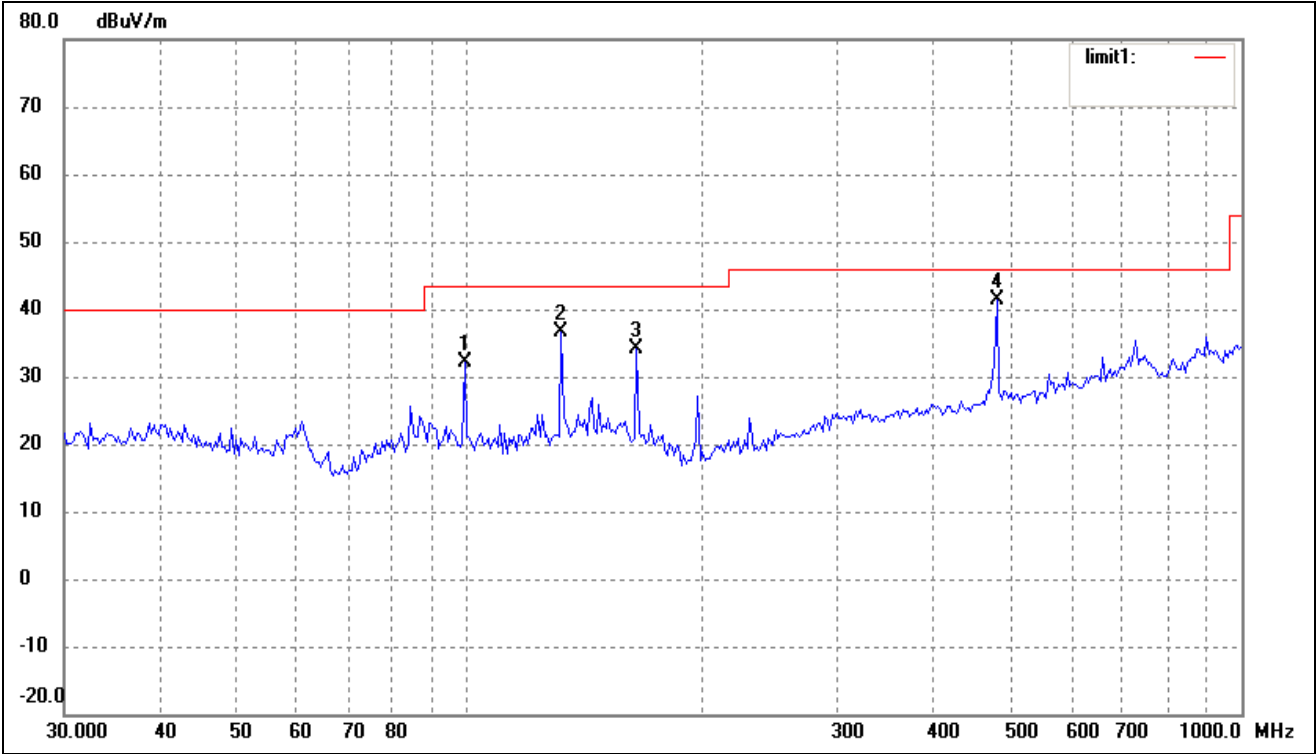
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	131.7577	35.13	4.00	39.13	43.50	-4.37	165	100	peak
2	164.9075	34.14	3.68	37.82	43.50	-5.68	125	100	peak
3	197.8928	36.11	4.55	40.66	43.50	-2.84	140	100	peak
4	230.9068	31.04	6.51	37.55	46.00	-8.45	130	100	peak
5	364.2595	27.08	10.68	37.76	46.00	-8.24	185	100	peak
6	482.2156	32.05	11.49	43.54	46.00	-2.46	160	100	peak

Test Specification: Vertical

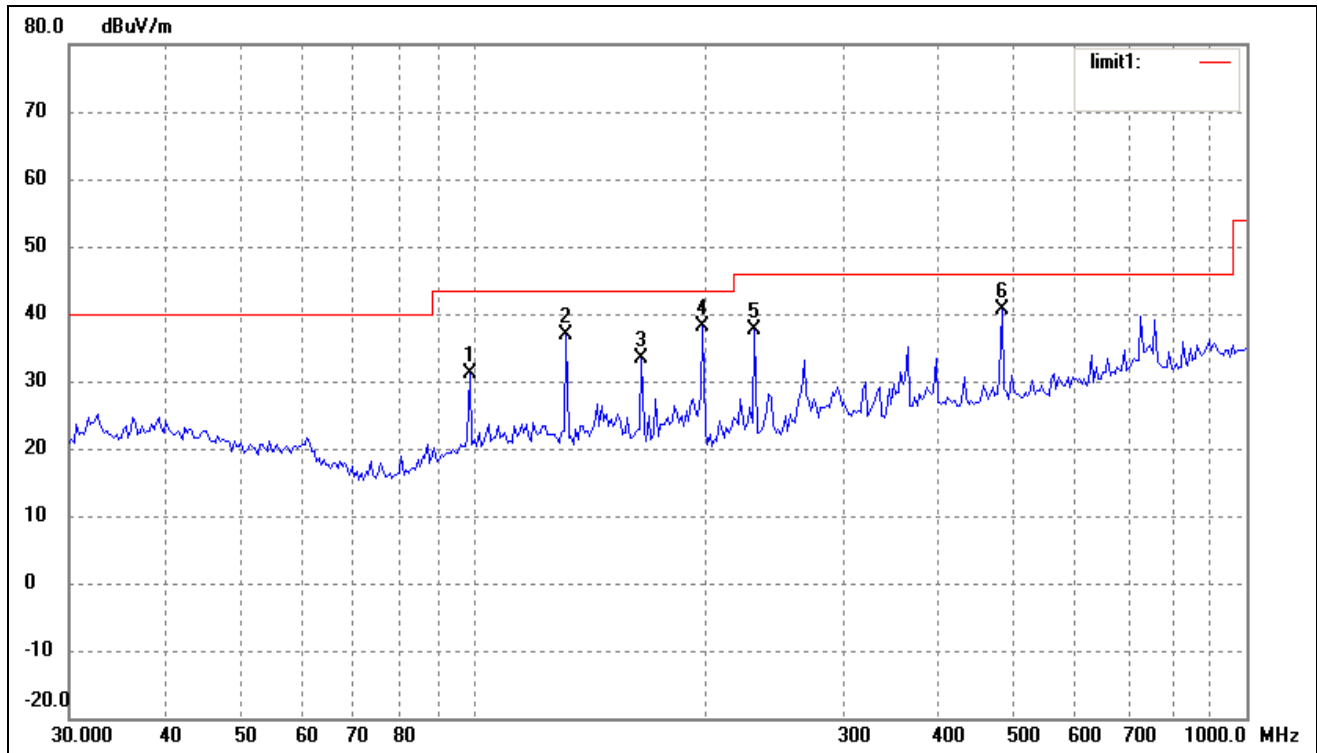


No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	25.65	6.55	32.20	43.50	-11.30	148	100	peak
2	131.7577	32.55	4.00	36.55	43.50	-6.95	125	100	peak
3	164.9075	30.49	3.68	34.17	43.50	-9.33	165	100	peak
4	482.2156	29.83	11.49	41.32	46.00	-4.68	132	100	peak

Operating Condition: 802.11g Transmitting High Channel-2472MHz

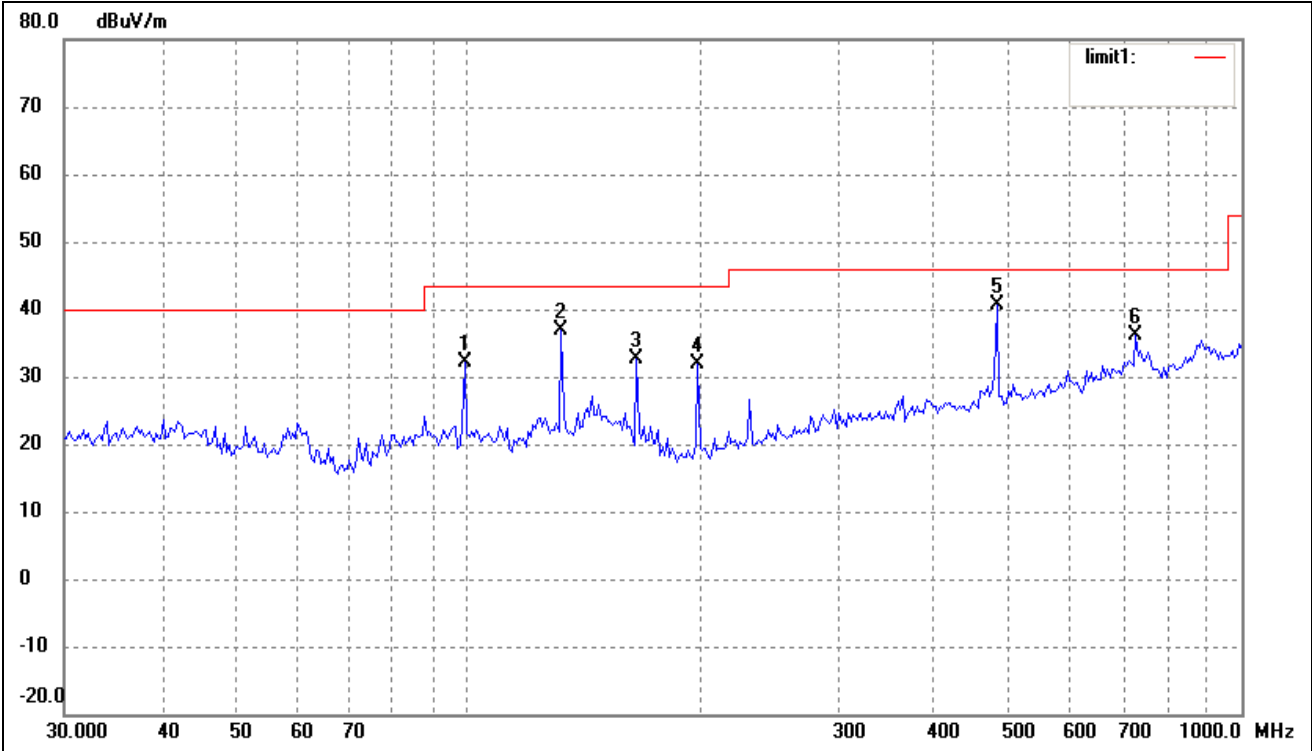
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	98.8326	24.49	6.55	31.04	43.50	-12.46	105	100	peak
2	131.7577	32.83	4.00	36.83	43.50	-6.67	115	100	peak
3	164.9075	29.74	3.68	33.42	43.50	-10.08	128	100	peak
4	197.8928	33.65	4.55	38.20	43.50	-5.30	135	100	peak
5	230.9068	31.04	6.51	37.55	46.00	-8.45	185	100	peak
6	482.2156	29.08	11.49	40.57	46.00	-5.43	160	100	peak

Test Specification: Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	25.47	6.55	32.02	43.50	-11.48	145	100	peak
2	131.7577	32.88	4.00	36.88	43.50	-6.62	128	100	peak
3	164.9075	28.94	3.68	32.62	43.50	-10.88	165	100	peak
4	197.8928	27.33	4.55	31.88	43.50	-11.62	185	100	peak
5	482.2156	29.26	11.49	40.75	46.00	-5.25	142	100	peak
6	729.3583	18.89	17.31	36.20	46.00	-9.80	135	100	peak

Plot of Radiated Emissions Test Data (30MHz to 1GHz)

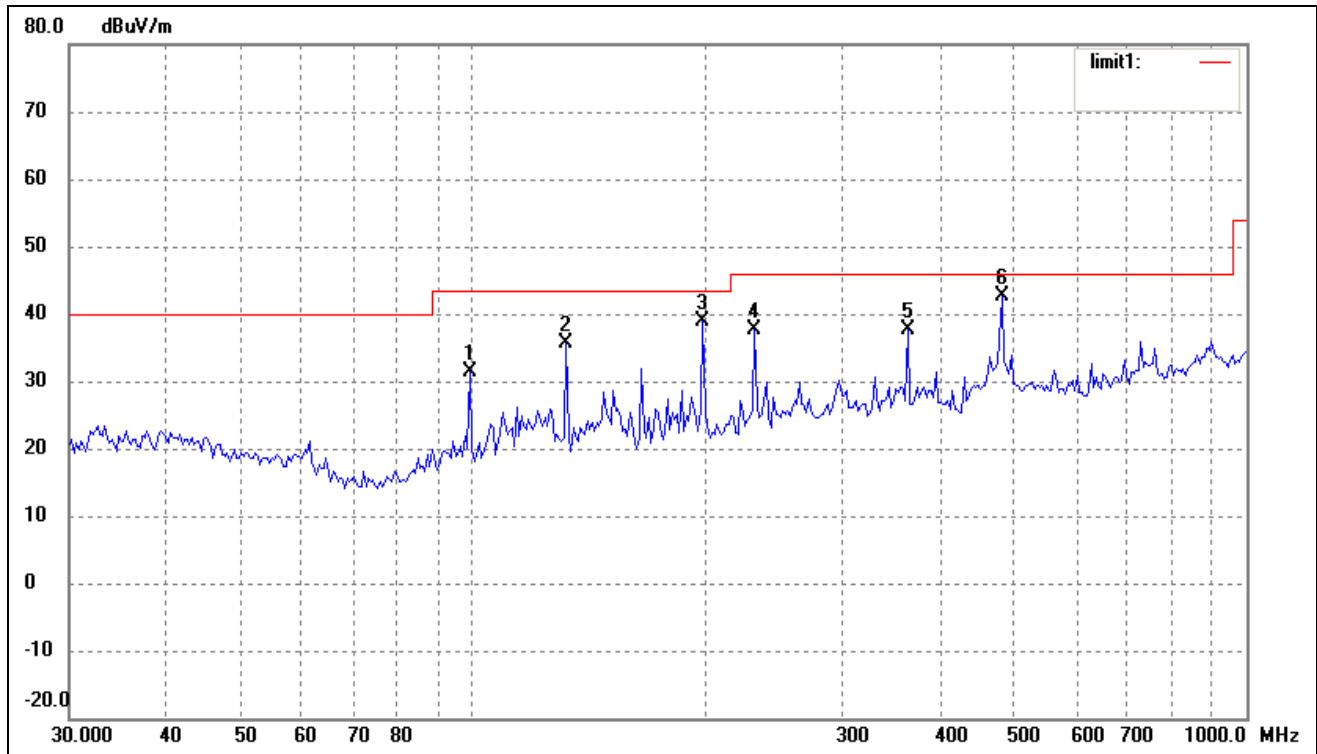
EUT: Tablet PC

Tested Model: LC0901D

Operating Condition: 802.11n-HT20 Transmitting Low Channel-2412MHz

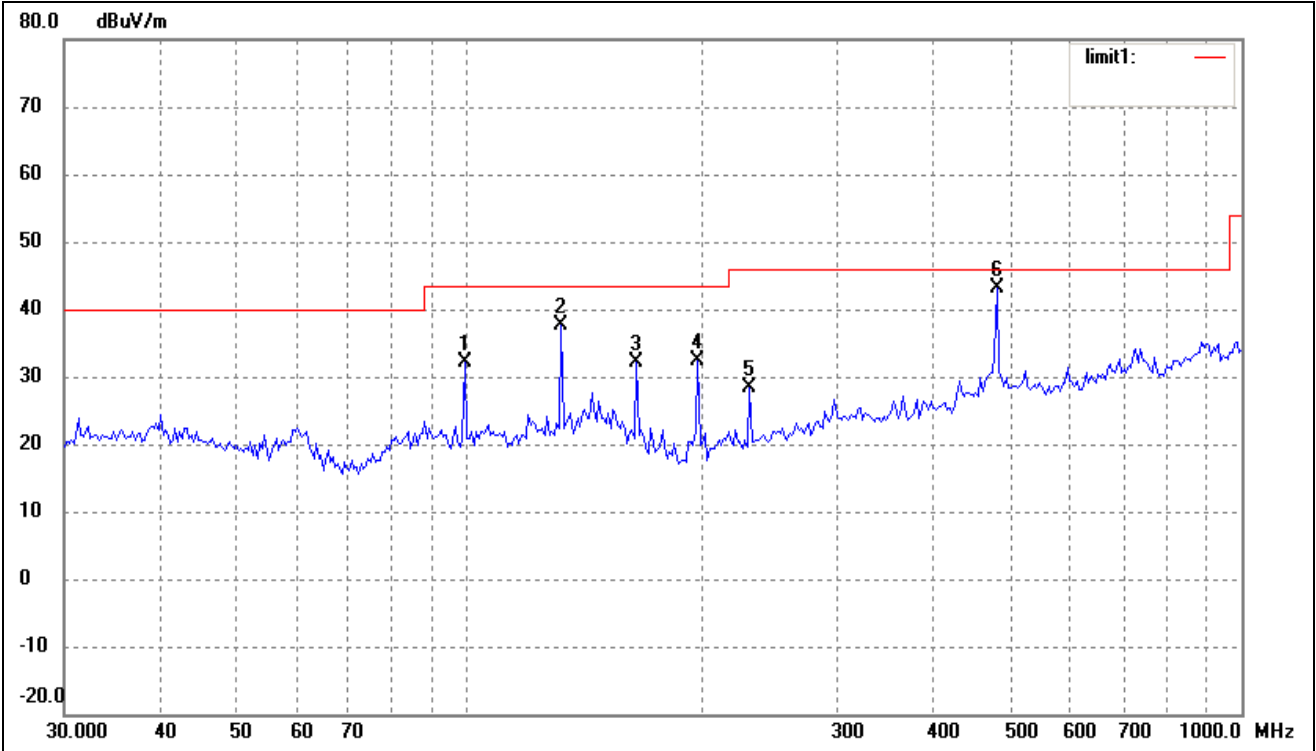
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	24.86	6.55	31.41	43.50	-12.09	145	100	peak
2	131.7577	31.55	4.00	35.55	43.50	-7.95	165	100	peak
3	197.8928	34.32	4.55	38.87	43.50	-4.63	125	100	peak
4	230.9068	31.14	6.51	37.65	46.00	-8.35	102	100	peak
5	364.2595	26.99	10.68	37.67	46.00	-8.33	250	100	peak
6	482.2156	31.06	11.49	42.55	46.00	-3.45	215	100	peak

Test Specification: Vertical

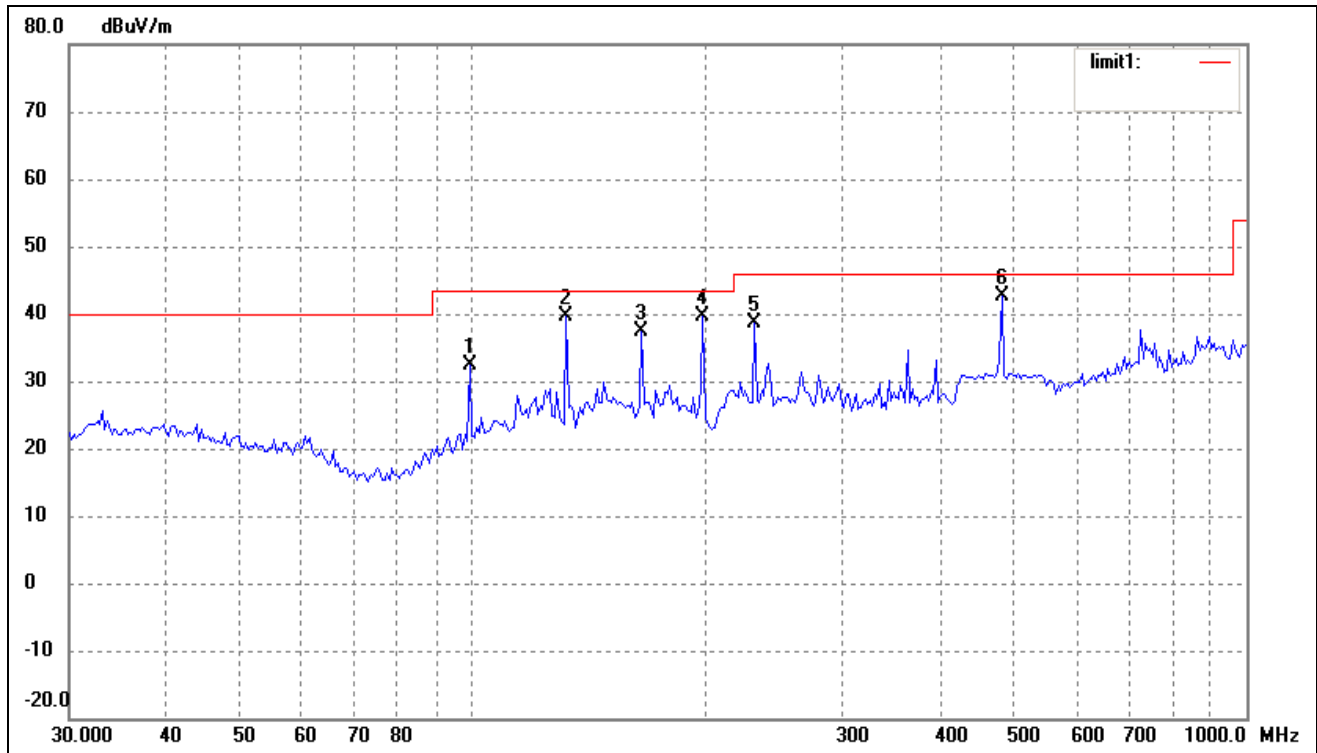


No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	25.58	6.55	32.13	43.50	-11.37	165	100	peak
2	131.7577	33.59	4.00	37.59	43.50	-5.91	155	100	peak
3	164.9075	28.52	3.68	32.20	43.50	-11.30	125	100	peak
4	197.8928	27.94	4.55	32.49	43.50	-11.01	142	100	peak
5	230.9068	21.86	6.51	28.37	46.00	-17.63	180	100	peak
6	482.2156	31.63	11.49	43.12	46.00	-2.88	250	100	peak

Operating Condition: 802.11n-HT20 Transmitting Middle Channel-2442MHz

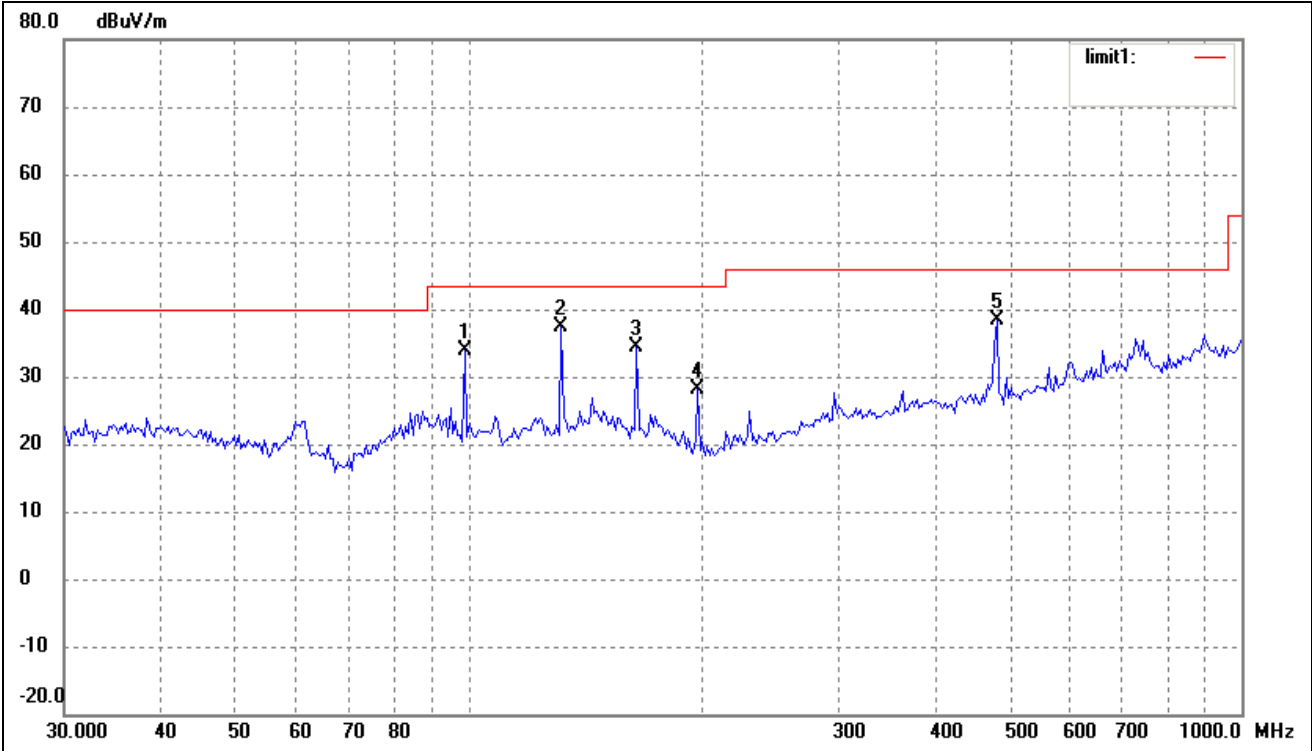
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	98.8326	25.72	6.55	32.27	43.50	-11.23	152	100	peak
2	131.7577	35.57	4.00	39.57	43.50	-3.93	145	100	peak
3	164.9075	33.70	3.68	37.38	43.50	-6.12	128	100	peak
4	197.8928	35.14	4.55	39.69	43.50	-3.81	165	100	peak
5	230.9068	32.08	6.51	38.59	46.00	-7.41	134	100	peak
6	482.2156	31.23	11.49	42.72	46.00	-3.28	105	100	peak

Test Specification: Vertical

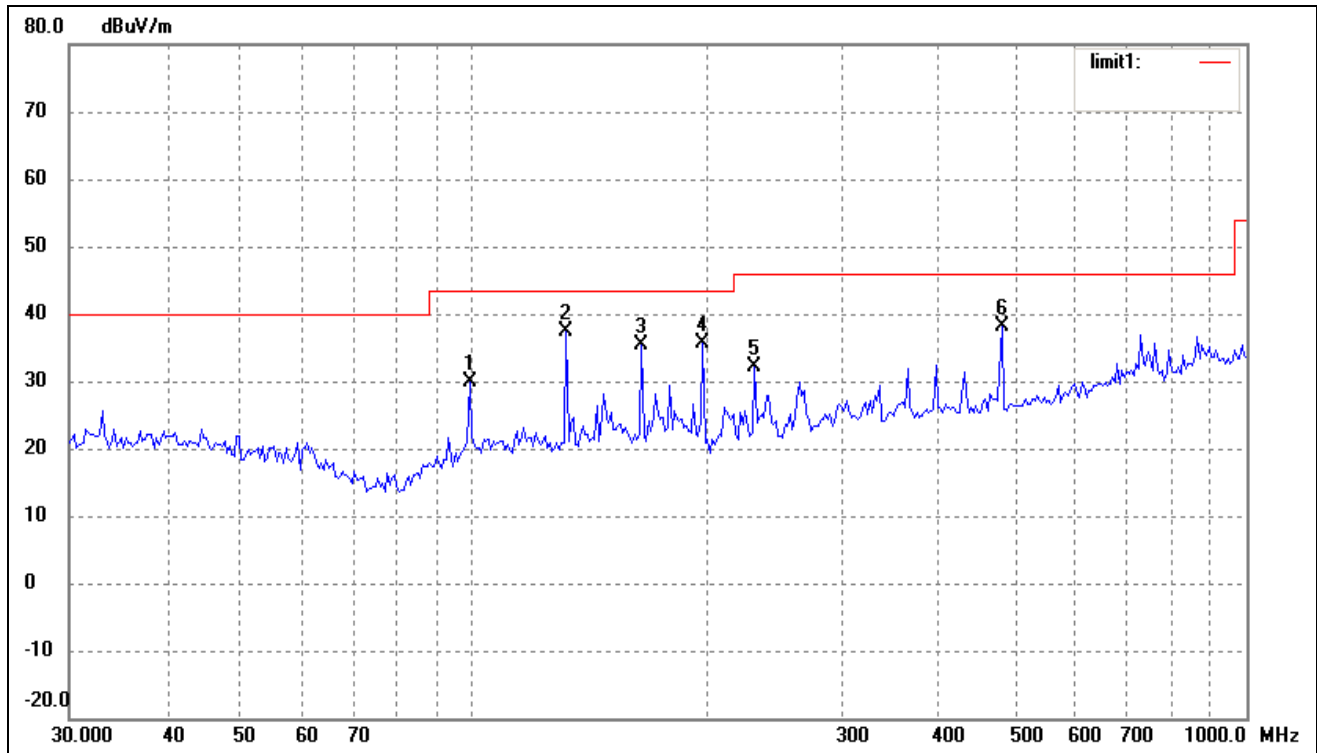


No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	98.8326	27.25	6.55	33.80	43.50	-9.70	148	100	peak
2	131.7577	33.30	4.00	37.30	43.50	-6.20	152	100	peak
3	164.9075	30.62	3.68	34.30	43.50	-9.20	165	100	peak
4	197.8928	23.57	4.55	28.12	43.50	-15.38	149	100	peak
5	482.2156	26.96	11.49	38.45	46.00	-7.55	178	100	peak

Operating Condition: 802.11n-HT20 Transmitting High Channel-2472MHz

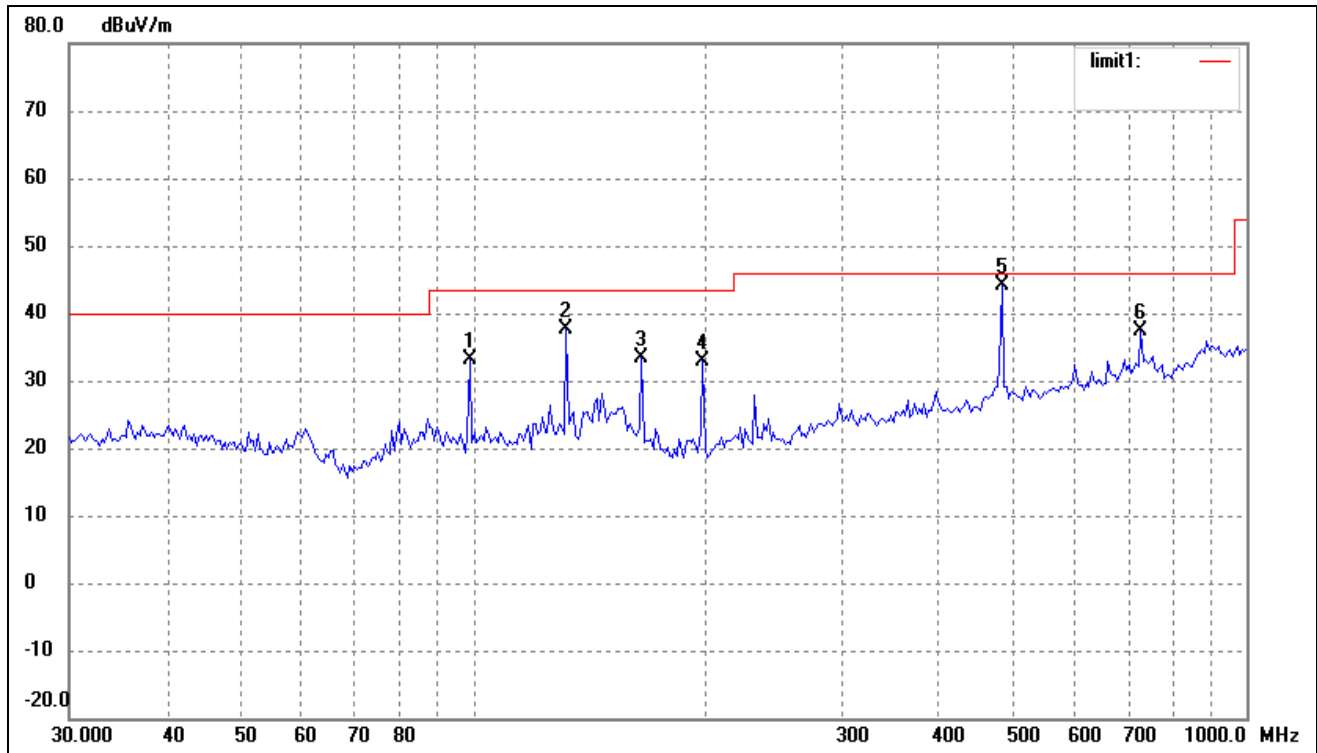
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	98.8326	23.30	6.55	29.85	43.50	-13.65	168	100	peak
2	131.7577	33.49	4.00	37.49	43.50	-6.01	158	100	peak
3	164.9075	31.73	3.68	35.41	43.50	-8.09	125	100	peak
4	197.8928	31.07	4.55	35.62	43.50	-7.88	145	100	peak
5	230.9068	25.67	6.51	32.18	46.00	-13.82	178	100	peak
6	482.2156	26.69	11.49	38.18	46.00	-7.82	160	100	peak

Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	98.8326	26.64	6.55	33.19	43.50	-10.31	165	100	peak
2	131.7577	33.71	4.00	37.71	43.50	-5.79	155	100	peak
3	164.9075	29.77	3.68	33.45	43.50	-10.05	100	100	peak
4	197.8928	28.39	4.55	32.94	43.50	-10.56	105	100	peak
5	482.2156	32.65	11.49	44.14	46.00	-1.86	125	100	peak
6	729.3583	20.08	17.31	37.39	46.00	-8.61	145	100	peak

*Spurious Emissions Above 1GHz**Test Mode: 802.11b*

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel-2412MHz							
4824	54.09	0.57	54.66	74.00	-19.34	H	PK
4824	38.84	0.57	39.41	54.00	-14.59	H	AV
7236	46.30	3.69	49.99	74.00	-24.01	H	PK
7236	34.98	3.69	38.67	54.00	-15.33	H	AV
4824	57.31	0.57	57.88	74.00	-16.12	V	PK
4824	40.50	0.57	41.07	54.00	-12.93	V	AV
7236	49.11	3.69	52.80	74.00	-21.20	V	PK
7236	37.44	3.69	41.13	54.00	-12.87	V	AV
Middle Channel-2442MHz							
4884	54.74	0.66	55.40	74.00	-18.60	H	PK
4884	39.99	0.66	40.65	54.00	-13.35	H	AV
7326	47.77	3.76	51.53	74.00	-22.47	H	PK
7326	33.10	3.76	36.86	54.00	-17.14	H	AV
4884	53.97	0.66	54.63	74.00	-19.37	V	PK
4884	40.89	0.66	41.55	54.00	-12.45	V	AV
7326	47.98	3.76	51.74	74.00	-22.26	V	PK
7326	34.08	3.76	37.84	54.00	-16.16	V	AV
High Channel-2472MHz							
4944	55.82	0.74	56.56	74.00	-17.44	H	PK
4944	41.76	0.74	42.50	54.00	-11.50	H	AV
7416	46.38	3.83	50.21	74.00	-23.79	H	PK
7416	34.83	3.83	38.66	54.00	-15.34	H	AV
4944	54.94	0.74	55.68	74.00	-18.32	V	PK
4944	42.04	0.74	42.78	54.00	-11.22	V	AV
7416	47.99	3.83	51.82	74.00	-22.18	V	PK
7416	35.18	3.83	39.01	54.00	-14.99	V	AV

Test Mode: 802.11g

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel-2412MHz							
4824	55.50	0.57	56.07	74.00	-17.93	H	PK
4824	42.23	0.57	42.80	54.00	-11.20	H	AV
7236	48.42	3.69	52.11	74.00	-21.89	H	PK
7236	34.40	3.69	38.09	54.00	-15.91	H	AV
4824	55.99	0.57	56.56	74.00	-17.44	V	PK
4824	42.65	0.57	43.22	54.00	-10.78	V	AV
7236	49.22	3.69	52.91	74.00	-21.09	V	PK
7236	35.54	3.69	39.23	54.00	-14.77	V	AV
Middle Channel-2442MHz							
4884	55.10	0.66	55.76	74.00	-18.24	H	PK
4884	43.28	0.66	43.94	54.00	-10.06	H	AV
7326	47.38	3.76	51.14	74.00	-22.86	H	PK
7326	35.27	3.76	39.03	54.00	-14.97	H	AV
4884	57.07	0.66	57.73	74.00	-16.27	V	PK
4884	43.86	0.66	44.52	54.00	-9.48	V	AV
7326	48.40	3.76	52.16	74.00	-21.84	V	PK
7326	35.33	3.76	39.09	54.00	-14.91	V	AV
High Channel-2472MHz							
4944	54.00	0.74	54.74	74.00	-19.26	H	PK
4944	40.75	0.74	41.49	54.00	-12.51	H	AV
7416	47.18	3.83	51.01	74.00	-22.99	H	PK
7416	34.73	3.83	38.56	54.00	-15.44	H	AV
4944	56.11	0.74	56.85	74.00	-17.15	V	PK
4944	42.69	0.74	43.43	54.00	-10.57	V	AV
7416	48.58	3.83	52.41	74.00	-21.59	V	PK
7416	35.95	3.83	39.78	54.00	-14.22	V	AV

Test Mode: 802.11n-HT20

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel-2412MHz							
4824	55.60	0.57	56.17	74.00	-17.83	H	PK
4824	40.54	0.57	41.11	54.00	-12.89	H	AV
7236	47.26	3.69	50.95	74.00	-23.05	H	PK
7236	34.44	3.69	38.13	54.00	-15.87	H	AV
4824	56.71	0.57	57.28	74.00	-16.72	V	PK
4824	43.18	0.57	43.75	54.00	-10.25	V	AV
7236	49.21	3.69	52.90	74.00	-21.10	V	PK
7236	35.77	3.69	39.46	54.00	-14.54	V	AV
Middle Channel-2442MHz							
4884	54.16	0.66	54.82	74.00	-19.18	H	PK
4884	42.48	0.66	43.14	54.00	-10.86	H	AV
7326	48.74	3.76	52.50	74.00	-21.50	H	PK
7326	33.10	3.76	36.86	54.00	-17.14	H	AV
4884	54.92	0.66	55.58	74.00	-18.42	V	PK
4884	42.62	0.66	43.28	54.00	-10.72	V	AV
7326	48.49	3.76	52.25	74.00	-21.75	V	PK
7326	35.20	3.76	38.96	54.00	-15.04	V	AV
High Channel-2472MHz							
4944	53.90	0.74	54.64	74.00	-19.36	H	PK
4944	43.23	0.74	43.97	54.00	-10.03	H	AV
7416	48.31	3.83	52.14	74.00	-21.86	H	PK
7416	36.10	3.83	39.93	54.00	-14.07	H	AV
4944	55.70	0.74	56.44	74.00	-17.56	V	PK
4944	41.48	0.74	42.22	54.00	-11.78	V	AV
7416	48.55	3.83	52.38	74.00	-21.62	V	PK
7416	35.36	3.83	39.19	54.00	-14.81	V	AV

Note: Testing is carried out with frequency rang 9kHz to the 10th harmonics, which above 3th Harmonics are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured. The measurements greater than 20dB below the limit from 9kHz to 30MHz.

9. Out of Band Emissions

9.1 Standard Applicable

According to §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 §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

9.2 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Spectrum Analyzer	R&S	FSP	836079/035	2013-05-07	2014-05-06
EMI Test Receiver	R&S	ESVB	825471/005	2013-05-07	2014-05-06
Pre-amplifier	Agilent	8447F	3113A06717	2013-05-07	2014-05-06
Pre-amplifier	Compliance Direction	PAP-0118	24002	2013-05-07	2014-05-06
Trilog Broadband Antenna	SCHWARZBECK	VULB9163	9163-333	2013-04-20	2014-04-19
Horn Antenna	ETS	3117	00086197	2013-04-20	2014-04-19

9.3 Test Procedure

According to the KDB 558074 D01 v03r01, the band-edge radiated test method as follows:

Set span = wide enough to capture the peak level of the emission operating on the channel closest to the bandedge, as well as any modulation products which fall outside of the authorized band of operation (2310MHz to 2420MHz for low bandedge, 2460MHz to 2500MHz for the high bandedge)

RBW = 1MHz, VBW = 1MHz for peak value measured

RBW = 1MHz, VBW = 10Hz for average value measured

Sweep = auto; Detector function = peak/average; Trace = max hold

All the trace to stabilize, set the marker on the emission at the bandedge, or on the highest modulation product outside of the band, if this level is greater than that at the bandedge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission. Those emission must comply with the 15.209 limit for fall in the restricted bands listed in section 15.205. Note that the method of measurement KDB publication number: 913591 may be used for the radiated bandedge measurements.

According to the KDB 558074 D01 v03r01, the conducted spurious emissions test method as follows:

1. Set start frequency to DTS channel edge frequency.
2. Set stop frequency so as to encompass the spectrum to be examined.
3. Set RBW = 100 kHz.
4. Set VBW $\geq$ 300 kHz.
5. Detector = peak.
6. Trace Mode = max hold.
7. Sweep = auto couple.
8. Allow the trace to stabilize (this may take some time, depending on the extent of the span).
9. Use peak marker function to determine maximum amplitude of all unwanted emissions within any 100 kHz bandwidth.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) are attenuated by at least the minimum requirements specified in section 8.1. Report the three highest emissions relative to the limit.

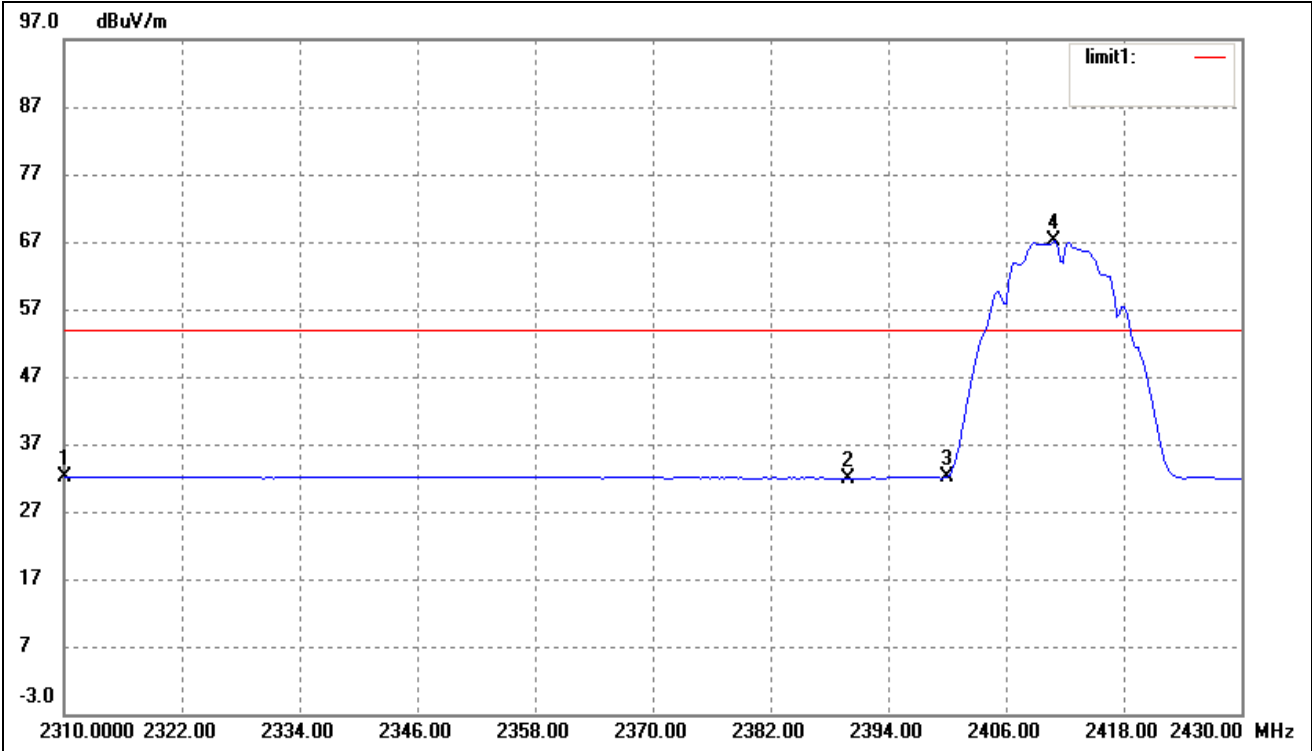
9.4 Environmental Conditions

Temperature:	23°C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

9.5 Summary of Test Results/Plots

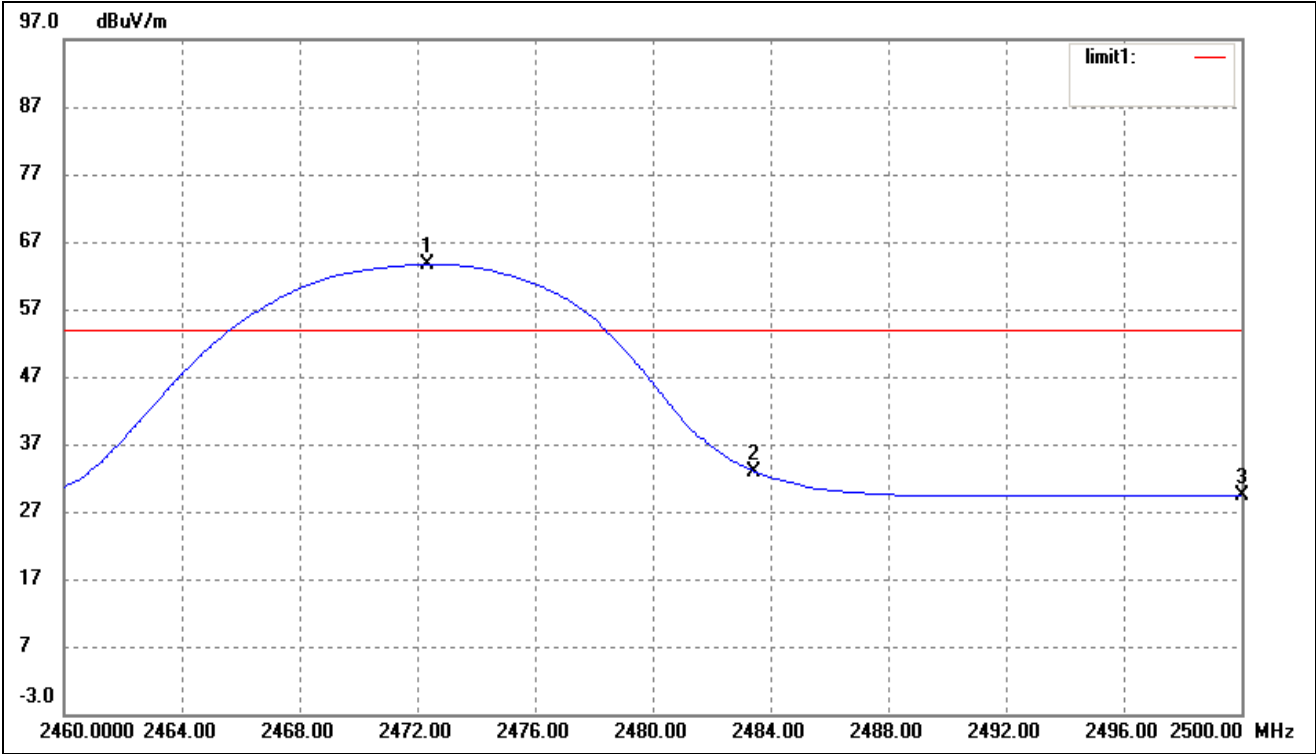
Please refer to the test plots as below.

802.11b-Lowest Bandedge
Vertical (Worst case)



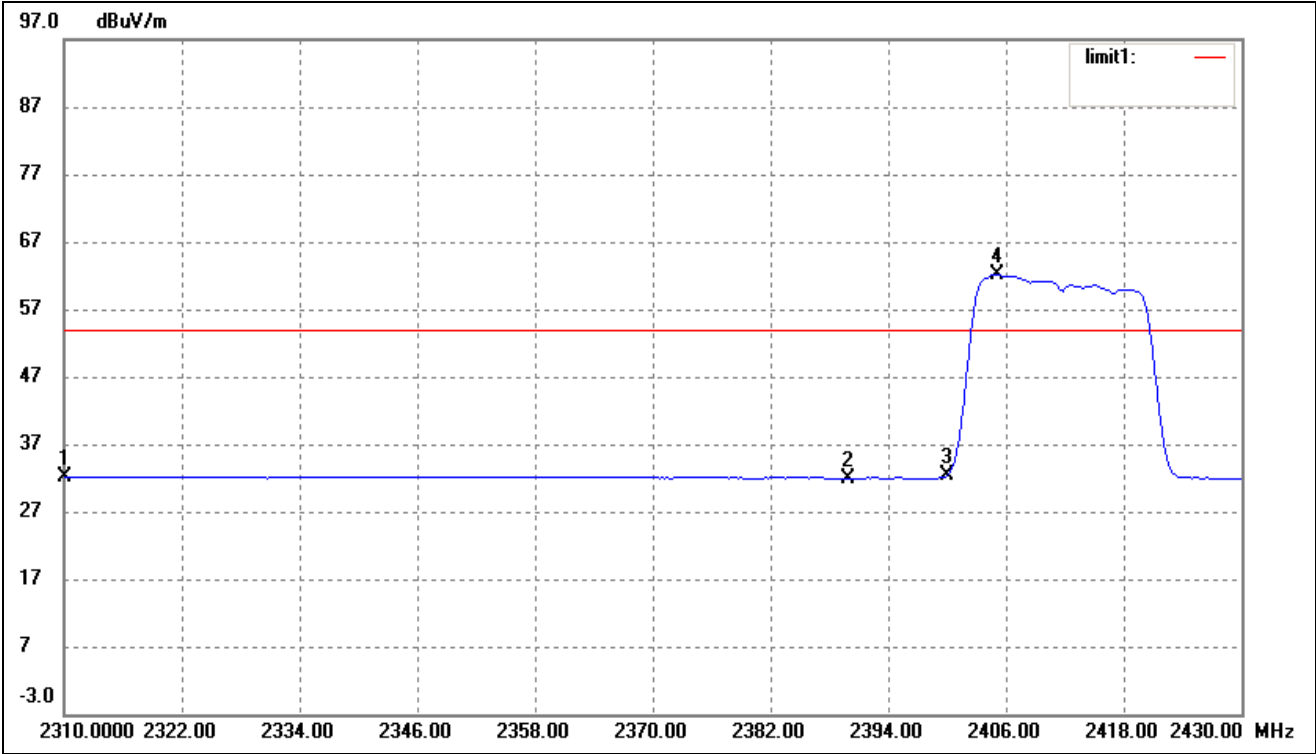
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	35.75	-3.71	32.04	54.00	-21.96	Average Detector
	2310.000	49.36	-3.71	45.65	74.00	-28.35	Peak Detector
2	2390.000	35.51	-3.54	31.97	54.00	-22.03	Average Detector
	2390.000	49.29	-3.54	45.75	74.00	-28.25	Peak Detector
3	2400.000	35.70	-3.51	32.19	Delta=34.91dBc		Average Detector
4	2410.878	70.58	-3.48	67.10			Average Detector

802.11b-Highest Bandedge
Vertical (Worst case)



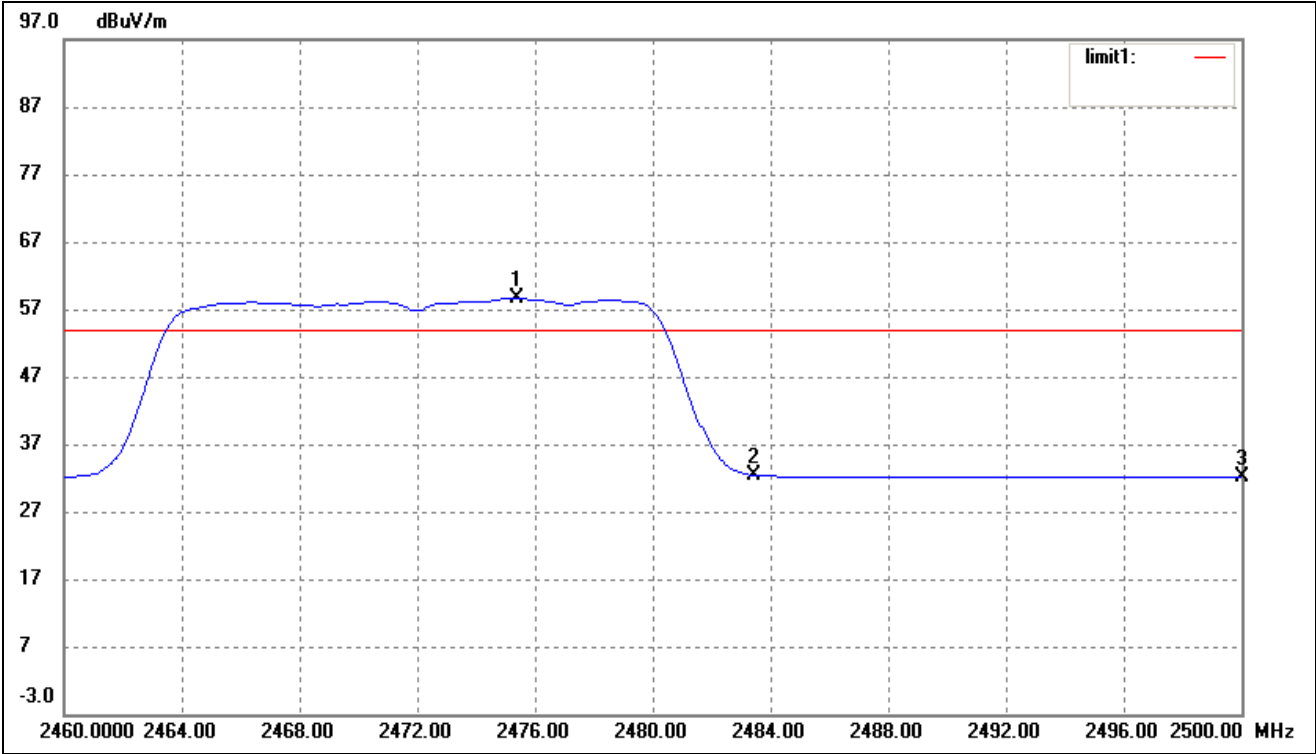
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2472.331	67.04	-3.34	63.70	/	/	Average Detector
	2473.331	78.23	-3.34	74.89	/	/	Peak Detector
2	2483.500	Delta=32.31dBc		31.39	54.00	-22.61	Average Detector
	2483.500			42.58	74.00	-31.42	Peak Detector
3	2500.000	32.65	-3.28	29.37	54.00	-24.63	Average Detector
	2500.000	48.95	-3.28	45.67	74.00	-28.33	Peak Detector

802.11g-Lowest Bandedge
Vertical (Worst case)



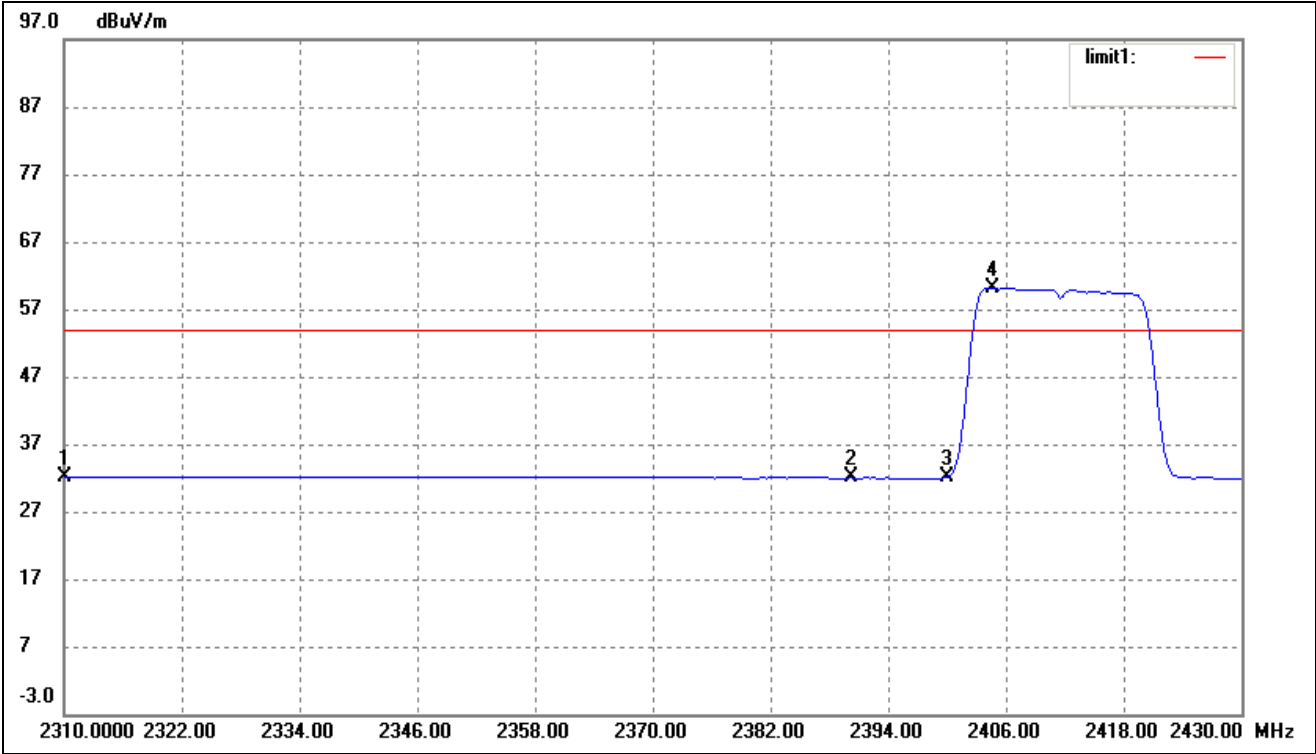
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2310.000	35.79	-3.71	32.08	54.00	-21.92	Average Detector
	2310.000	49.67	-3.71	45.96	74.00	-28.04	Peak Detector
2	2390.000	35.49	-3.54	31.95	54.00	-22.05	Average Detector
	2390.000	49.66	-3.54	46.12	74.00	-27.88	Peak Detector
3	2400.000	35.92	-3.51	32.41	Delta=29.64dBc		Average Detector
4	2405.268	65.55	-3.50	62.05			Average Detector

802.11g-Highest Bandedge
Vertical (Worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2475.364	62.02	-3.34	58.68	/	/	Average Detector
	2475.364	76.49	-3.34	73.15	/	/	Peak Detector
2	2483.500	Delta=27.93dBc		30.75	54.00	-23.25	Average Detector
	2483.500			45.22	74.00	-28.78	Peak Detector
3	2500.000	35.52	-3.28	32.24	54.00	-21.76	Average Detector
	2500.000	49.34	-3.28	46.06	74.00	-27.94	Peak Detector

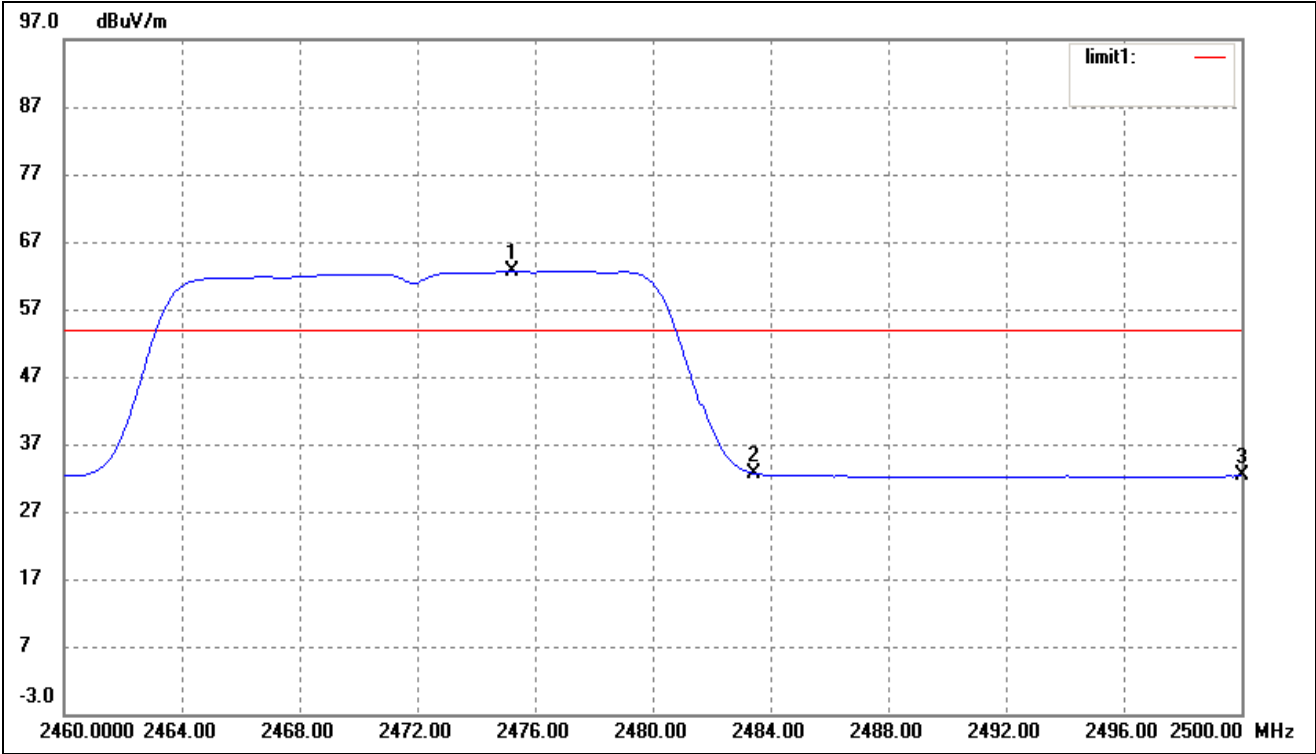
802.11n-HT20-Lowest Bandedge
Vertical (Worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	35.77	-3.71	32.06	54.00	-21.94	Average Detector
	2310.000	50.85	-3.71	47.14	74.00	-26.86	Peak Detector
2	2390.000	35.55	-3.54	32.01	54.00	-21.99	Average Detector
	2390.000	49.66	-3.54	46.12	74.00	-27.88	Peak Detector
3	2400.000	35.63	-3.51	32.12	Delta=28.12dBc		Average Detector
4	2404.780	63.74	-3.50	60.24			Average Detector

802.11n-HT20-Highest Bandedge

Vertical (Worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	2475.204	66.07	-3.34	62.73	/	/	Average Detector
	2475.204	76.93	-3.33	73.60	/	/	Peak Detector
2	2483.500	Delta=30.39dBc		32.34	54.00	-21.66	Average Detector
	2483.500			43.21	74.00	-30.79	Peak Detector
3	2500.000	35.54	-3.28	32.26	54.00	-21.74	Average Detector
	2500.000	49.80	-3.28	46.52	74.00	-27.48	Peak Detector

10. Conducted Emissions

10.1 Measurement Uncertainty

Base on NIS 81, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of any conducted emissions measurement is ± 2.88 dB.

10.2 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2013-05-07	2014-05-06
L.I.S.N	Schwarz beck	NSLK8126	8126-224	2013-05-07	2014-05-06
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2013-05-07	2014-05-06

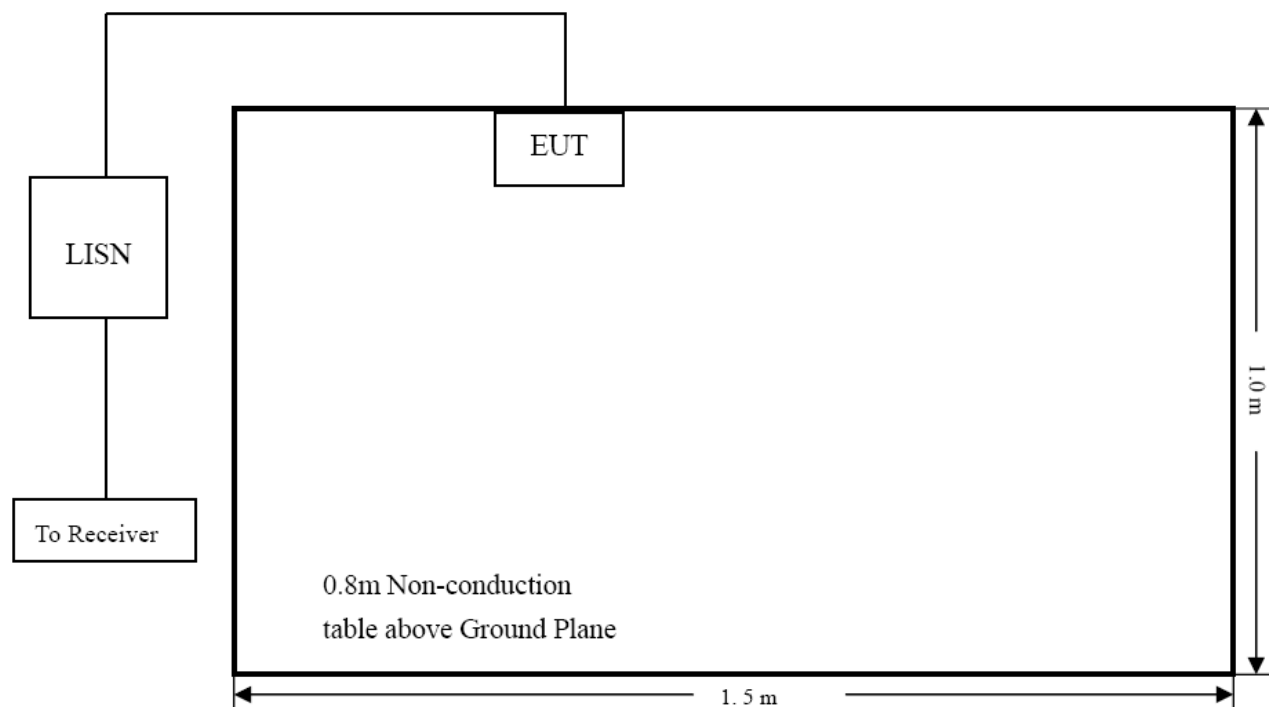
10.3 Test Procedure

The setup of EUT is according with per ANSI C63.4-2003 measurement procedure. The specification used was with the FCC Part 15.207 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

10.4 Basic Test Setup Block Diagram



10.5 Environmental Conditions

Temperature:	25 °C
Relative Humidity:	52%
ATM Pressure:	1012 mbar

10.6 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency 150 kHz
Stop Frequency..... 30 MHz
Sweep Speed Auto
IF Bandwidth..... 10 kHz
Quasi-Peak Adapter Bandwidth 9 kHz
Quasi-Peak Adapter Mode Normal

10.7 Summary of Test Results/Plots

According to the data in section 9.8, the EUT complied with the FCC Part 15.207 Conducted margin for a Class B device, with the *worst* margin reading of:

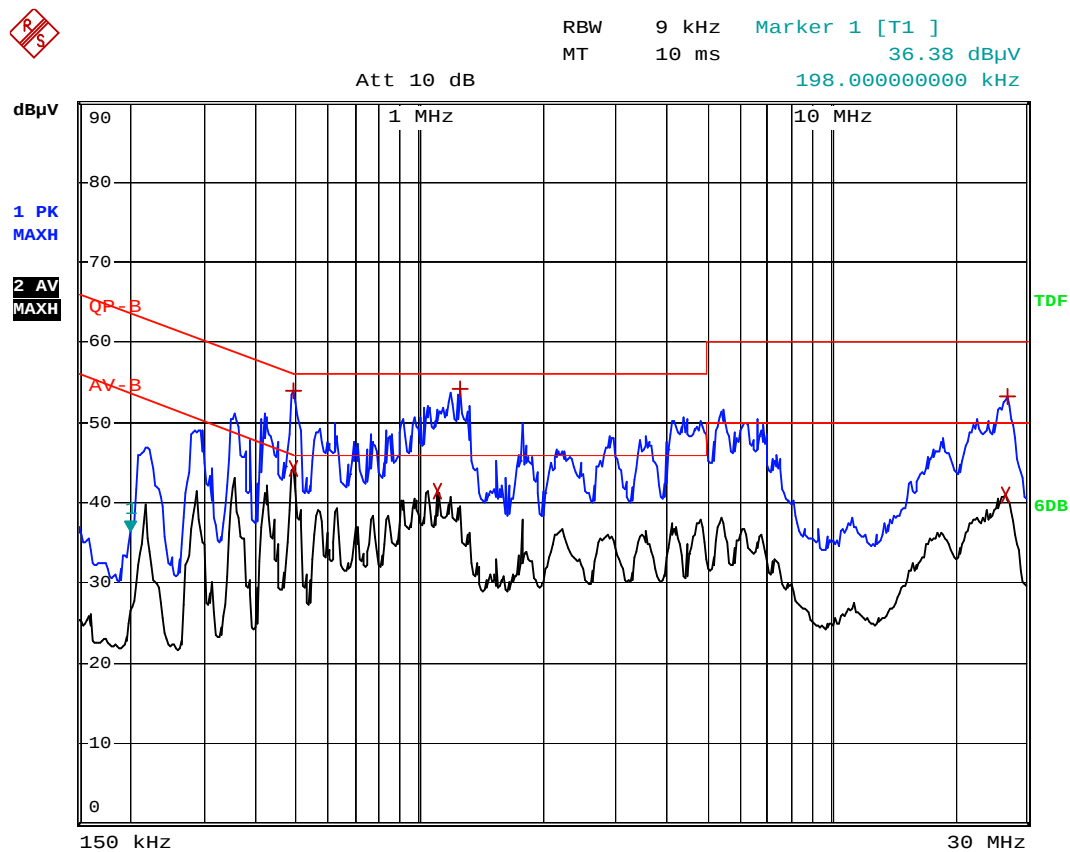
-1.74 dB at 0.494 MHz in the Line mode, Average detector, 0.15-30MHz

10.8 Conducted Emissions Test Data

Plot of Conducted Emissions Test Data

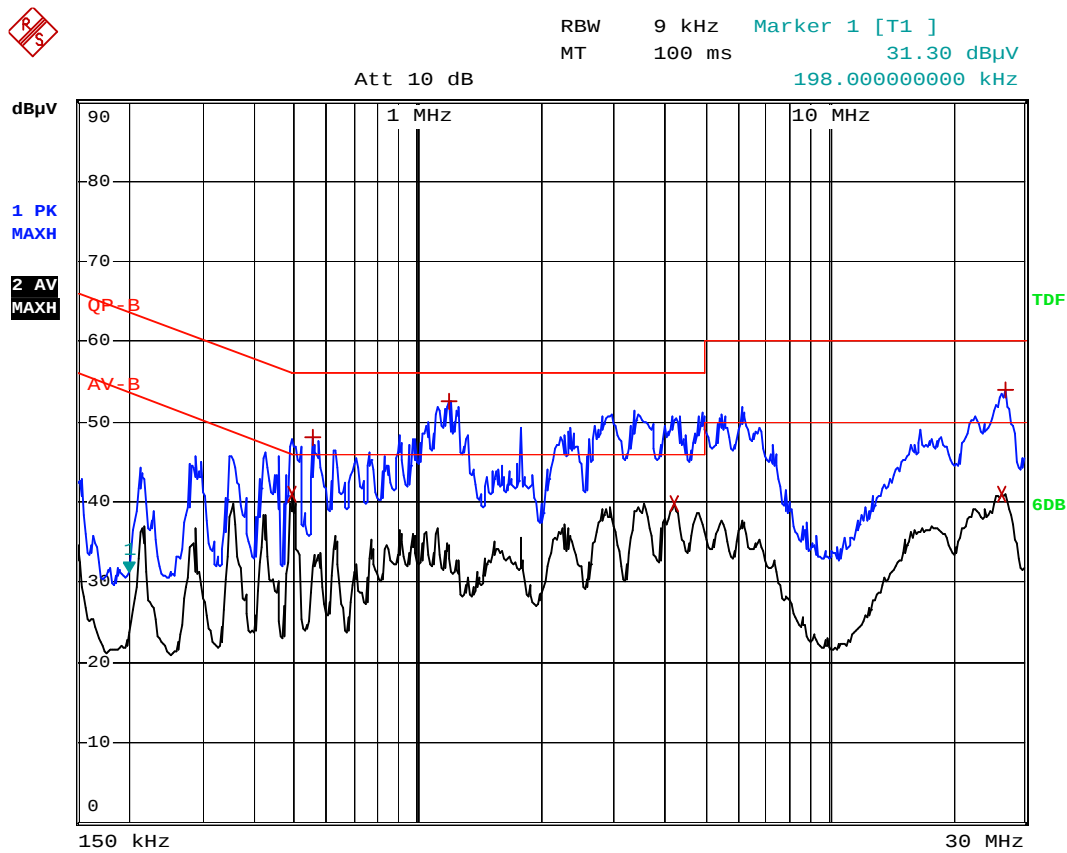
EUT: Tablet PC
Tested Model: LC0901D
Operating Condition: Transmitting(Wi-Fi)
Comment: AC 120V/60Hz; USB 5V

Test Specification: Line



EDIT PEAK LIST (Prescan Results)			
Trace1:	QP-B		
Trace2:	AV-B		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBµV	DELTA LIMIT dB
1 Max Peak	494 kHz	54.00	-2.09
2 Average	494 kHz	44.36	-1.74
2 Average	1.11 MHz	41.53	-4.46
1 Max Peak	1.254 MHz	54.17	-1.82
2 Average	26.702 MHz	41.06	-8.93
1 Max Peak	26.986 MHz	53.19	-6.80

Test Specification: Neutral



EDIT PEAK LIST (Prescan Results)			
Trace1:	QP-B		
Trace2:	AV-B		
Trace3:	---		
TRACE	FREQUENCY	LEVEL dBμV	DELTA LIMIT dB
2 Average	494 kHz	40.92	-5.17
1 Max Peak	554 kHz	48.10	-7.89
1 Max Peak	1.198 MHz	52.67	-3.32
2 Average	4.214 MHz	39.77	-6.23
2 Average	26.43 MHz	40.91	-9.08
1 Max Peak	26.926 MHz	54.00	-5.99

***** END OF REPORT *****