# APPLICATION FOR CERTIFICATION

On Behalf of

Pegatron Corporation

WL-266N22-Duband

Model No. : WL-266N22

FCC ID : VUI-WL266N22BGN

Brand : Pegatron

Prepared for : Pegatron Corporation
5F., No. 76, Ligong ST., Beitou District,
Taipei City 112, Taiwan

Prepared by : AUDIX Technology Corporation
EMC Department
No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
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| | | |
|---|---|---|
| File Number | : | C1M1012001 |
| Report Number | : | EM-F991204 |
| Date of Test | : | Dec. 10, 2010 |
| Date of Report | : | Dec. 13, 2010 |

# TABLE OF CONTENTS

# TEST REPORT CERTIFICATION

| | | |
|---|---|---|
| Applicant | : | Pegatron Corporation |
| Manufacturer | : | Pegatron Corporation |
| EUT Description | : | WL-266N22-Duband |
| **FCC ID** | : | **VUI-WL266N22BGN** |
| (A) Model No. | : | WL-266N22 |
| (B) Serial No. | : | N/A |
| (C) Brand | : | Pegatron |
| (D) Power Supply | : | DC 5V (Powered by Notebook PC or MirrorOP-Mac2TV) |

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C, Oct. 2009
And ANSI C63.4/2003

(FCC 47 CFR Part 15C, §15.205 and §15.207 and §15.209 and §15.247)

The device described above was tested by AUDIX Technology Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 Subpart C limits.

The measurement results are contained in this test report and AUDIX Technology Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the requirements of FCC Part 15 standards.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX Technology Corporation.

Date of Test: Dec. 10. 27, 2010 Date of Report: Dec. 13, 2010

Producer: _____
(Tina Huang/Administrator)

Reviewer: _____
(Henning Chang/Supervisor)

Signatory: _____
(Ben Cheng/Manager)

# 1. GENERAL INFORMATION

## 1.1. Description of Device (EUT)

| | | |
|---|---|---|
| Description | : | WL-266N22-Duband<br>This module was put into the MirrorOP-Mac2TV, that models are MCTiVia, PConTV, Mac2TV, ATF-PCM-11N, WL-922, WGA-250, TellyBea. The all models are in marking purpose difference.<br><br>The MirrorOP-Mac2TV, model WL-922 (EUT within) is test in this report. |
| Model Number | : | WL-266N22 |
| Serial Number | : | N/A |
| Brand | : | Pegatron |
| FCC ID | : | VUI-WL266N22BGN |
| Applicant | : | Pegatron Corporation<br>5F., No. 76, Ligong St., Beitou District, Taipei City 112, Taiwan |
| Manufacturer | : | Pegatron Corporatioin<br>5F., No. 76, Ligong St., Beitou District, Taipei City 112, Taiwan |
| Fundamental Range | : | 2400MHz ~ 2483.5MHz |
| Frequency Channel | : | 802.11b/g: 11 channels<br>802.11n-HT20: 11 channels<br>802.11n-HT40: 7 channels |
| Radio Technology | : | 802.11b: DSSS Modulation (DBPSK/DQPSK/CCK)<br>802.11g/n: OFDM Modulation (BPSK/QPSK/16QAM/64QAM) |
| Data Transfer Rate | : | 802.11b: 1/2/5.5/11Mbps<br>802.11g: 6/9/12/18/24/36/48/54Mbps<br>802.11n: up to 150Mbps |
| Antenna Gain | : | 1.38dBi (Peak) |
| Power Cord | : | Non-Shielded, Detachable, 1.8m |

Date of Receipt of Sample : Nov. 30, 2010

Date of Test : Dec. 10, 2010

**Antenna Information**

| Antenna Part Number | Manufacture | Antenna Type | Peak Gain W/ Cable loss (dBi) | |
|---|---|---|---|---|
| | | | Frequency (MHz) | Max Gain (dBi) |
| H-Plan | WanShi | Dipole Antenna | 2.4GHz | 1.67dBi (peak) |
| | | | 2.45GHz | 1.38dBi (peak) |
| | | | 2.5GHz | 1.40dBi (peak) |
| E-Plan | WanShi | Dipole Antenna | 2.4GHz | 1.60dBi (peak) |
| | | | 2.45GHz | 1.33dBi (peak) |
| | | | 2.5GHz | 1.97dBi (peak) |

## 1.2. Tested Supporting System Details

**【For Conducted Emission Measurement】**

### 1.2.1. MirrorOP-Mac2TV (EUT INSIDE)

| | | |
|---|---|---|
| Model Number | : | WL-922 |
| Serial Number | : | N/A |
| FCC ID | : | By DoC |
| Brand | : | Awind Inc |
| Switching Power Supply | : | DVE, M/N: DSC-6PFA-05 FUS 050100<br>FCC By DoC<br>Power Cord: Non-Shielded, Undetachable, 1.8m |

### 1.2.2. NOTEBOOK PC

| | | |
|---|---|---|
| Model Number | : | ER sample |
| Serial Number | : | 101PEX267658 |
| Manufacturer | : | Pegatron |
| WLAN Module | : | MAC, 7071BC67FEC8 |
| LAN Cable | : | Non-Shielded, Detachable, 2.0m |
| AC Adapter | : | Delta, M/N APD-90SB BB<br>I/P: 100-240Vac,, 1.5A, 50/60Hz<br>O/P: 19V, 4.74A<br>Cable: Non-Shielded, Detachable, 1.8m |
| AC Power Cord | : | Non-Shielded, Detachable, 0.9m |

### 1.2.3. LCD TV

| | | |
|---|---|---|
| Model Number | : | VIZIO VX20L HDTV |
| Serial Number | : | LSAAAAG4719229 |
| FCC ID | : | By DoC |
| BSMI ID | : | R31421 |
| Manufacturer | : | VIZIO |
| HDMI Cable | : | Shielded, Detachable, 1.5m |
| Power Cord | : | Non-Shielded, Detachable, 1.8m |

1.2.4. HP OFFICE 4500 SERIES PRINTER

| | | |
|---|---|---|
| Model Number | : | SNPRC-0902-01 |
| Serial Number | : | CN97SB501R |
| FCC ID | : | By DoC |
| BSMI ID | : | R33001 |
| Manufacturer | : | HP (Brand: HP) |
| USB Cable | : | Shielded, Detachable, 1.8m |
| AC Adapter | : | Lite-On, M/N 0957-2269<br>BSMI ID R33030<br>Cord: Non-Shielded, Undetachable, 1.8m |
| Power Cord | : | Non-Shielded, Detachable, 0.5m |

1.2.5. USB MOUSE

| | | |
|---|---|---|
| Model Number | : | MOC5UO |
| Serial Number | : | J0M02N17 |
| FCC ID | : | By DoC |
| BSMI ID | : | R41108 |
| Manufacturer | : | DELL |
| Data Cable | : | Shielded, Undetachable, 1.8m |

1.2.6. I-POD PLAYER

| | | |
|---|---|---|
| Model Number | : | A1204 |
| Serial Number | : | 4H722TDXVTE |
| BSMI ID | : | R33057 |
| Manufacturer | : | APPLE |
| USB Cable | : | Shielded, Undetachable, 1m |

1.2.7. POWER SCOKET

| | | |
|---|---|---|
| Power Cable | : | Non-Shielded, Detachable, 1.8m (3 Pin) |

**【For Radiated Emission Measurement】**

1.2.8. MirrorOP-Mac2TV (EUT INSIDE)

| | | |
|---|---|---|
| Model Number | : | WL-922 |
| Serial Number | : | N/A |
| FCC ID | : | By DoC |
| Brand | : | Awind Inc |
| Switching Power Supply | : | DVE, M/N: DSC-6PFA-05 FUS 050100<br>FCC By DoC<br>Power Cord: Non-Shielded, Undetachable, 1.8m |

**【For RF Conducted Measurement】**

1.2.9. USB DOCKING

| | | |
|---|---|---|
| USB Cable | : | Non-Shielded, Undetachable, 1.8m |

1.2.10. NOTEBOOK PC

| | | |
|---|---|---|
| Model Number | : | PP2170 |
| Serial Number | : | N/A |
| FCC ID | : | By DoC |
| BSMI ID | : | 33001 |
| Brand | : | hp |
| AC Adapter | : | COMPAQ, M/N:Series PPP009L<br>FCC By DoC<br>DC Cord: Non-Shielded, Undetachable, 1.8m |
| Power Cord | : | Non-Shielded, Detachable, 1.8m |

## 1.3. Description of Test Facility

| | | |
|---|---|---|
| Name of Firm | : | **AUDIX Technology Corporation**<br>EMC Department<br>No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,<br>Taipei Hsien, Taiwan |
| Test Site<br>(C3/Semi-AC) | : | **No. 3 Shielded Room**<br>No. 67-4, Tin-Fu Tsun, Lin-Kou Hsiang<br>Taipei Hsien, Taiwan<br><br>**Semi-Anechoic Chamber**<br>No. 53-11, Tin-Fu Tsun, Lin-Kou, Hsiang,<br>Taipei Hsien, Taiwan<br>May 14, 2009 Renewal on<br>Federal Communication Commission<br>Registration Number: 90993 |
| NVLAP Lab. Code | : | 200077-0 |
| TAF Accreditation No | : | 1724 |

## 1.4. Measurement Uncertainty

| Test Item | Frequency Range | Uncertainty (dB) |
|---|---|---|
| Conduction Test | 150kHz~30MHz | ±1.73dB |
| Radiation Test (Distance: 3m) | 30MHz~300MHz | ± 2.91dB |
| | 300MHz~1000MHz | ± 2.74dB |
| | Above 1GHz | ± 5.02dB |

Remark：Uncertainty = $ku_c(y)$

| Test Item | Uncertainty |
|---|---|
| 6dB Bandwidth | ± 0.05kHz |
| Emission Limitations | ± 0.13dB |
| Maximum peak output power | ± 0.33dBm |
| Band edges | ± 0.13dB |
| Power spectral density | ± 0.13dB |

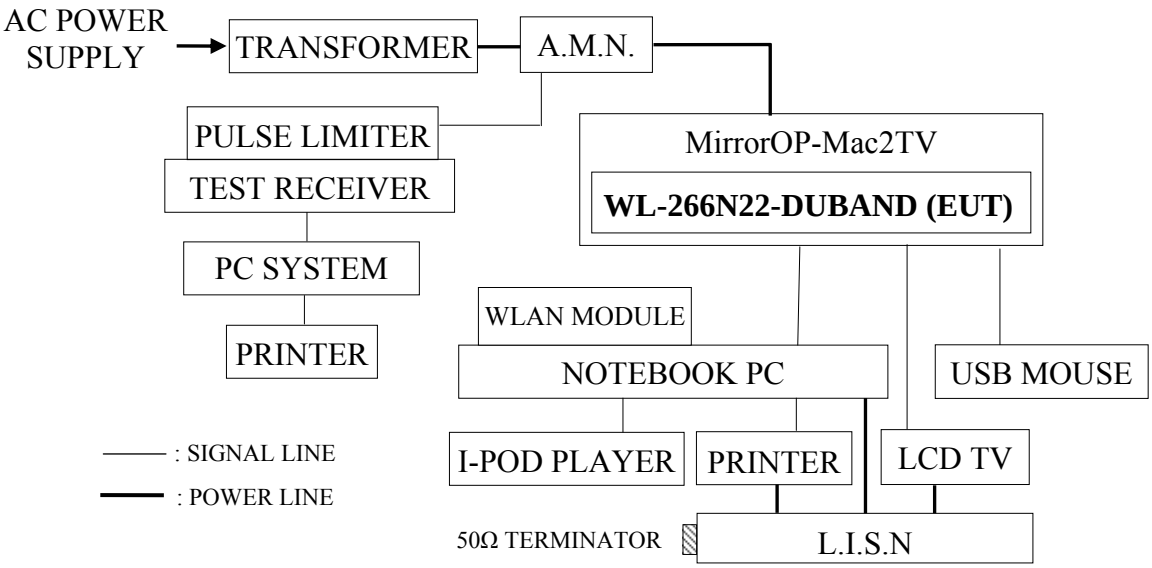
# 2. CONDUCTED EMISSION MEASUREMET

## 2.1. Test Equipment

The following test equipment was used during the conducted emission measurement：
(No. 3 Shielded Room)

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Test Receiver | R & S | ESCS 30 | 100337 | Apr. 08, 10’ | Apr. 07, 11’ |
| 2. | A.M.N. | Kyoritsu | KNW-244C | 8-1373-5 | Jul. 21, 10’ | Jul. 20, 11’ |
| 3. | L.I.S.N. | Kyoritsu | KNW-407 | 8-1370-9 | Jun. 09, 10’ | Jun. 08, 11’ |
| 4. | Pulse Limiter | R & S | ESH3Z2 | 100041 | Feb. 08, 10’ | Feb. 07, 11’ |

## 2.2. Block Diagram of Test Setup




## 2.3. Conducted Emission Limits (§15.207)

| Frequency | Maximum RF Line Voltage | |
|---|---|---|
| | Quasi-Peak Level | Average Level |
| 150kHz ~ 500kHz | 66 ~ 56 dBμV | 56 ~ 46 dBμV |
| 500kHz ~ 5MHz | 56 dBμV | 46 dBμV |
| 5MHz ~ 30MHz | 60 dBμV | 50 dBμV |

Remark 1.: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.
2.: The lower limit applies at the band edges.

## 2.4. Operating Condition of EUT

2.4.1. Set up the EUT and simulator as shown on 3.2.

2.4.2. Turn on the power of all equipment.

2.4.3. The Notebook PC was running test software "Putty.exe" to set EUT (WL-266N22-Duband) on transmitting and receiving during all testing.

## 2.5. Test Procedure

The EUT (within MirrorOP-Mac2TV) was put on table which was above the ground by 80cm and MirrorOP-Mac2TV's adapter connected to the AC mains through an Artificial Mains Network (A.M.N.). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.)
Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions simulators of the interface cables should be manipulated according to FCC ANSI C63.4-2003 regulation during conducted measurement.

The bandwidth of the R&S Test Receiver ESCS30 was set at 9kHz.

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

All the final readings from Test Receiver were measured with the Quasi-Peak detector and Average detector. Remark: If the Average limit is met when using a Quasi-Peak detector, the Average detector is unnecessary)

## 2.6. Conducted Emission Measurement Results

**PASSED**.
(All the emissions not reported below are too low against the prescribed limits.)

EUT (within MirrorOP-Mac2TV) was measured during this section testing and all the test results are listed in the next pages.

EUT：WL-266N22-Duband M/N：WL-266N22

Test Date：Dec. 01, 2010 Temperature：20℃ Humidity：50％

The details is as follows：

| Mode | Reference Data No. | |
|---|---|---|
| | Neutral | Line |
| 1. | # 8 | # 7 |

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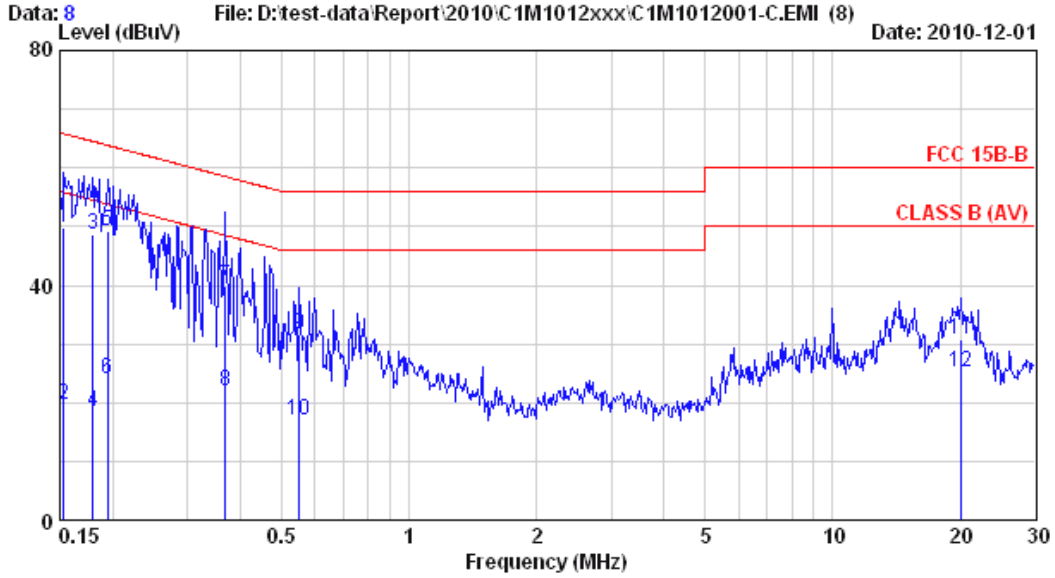


Site : NO.3 Shielded Room Data : 8
Condition : KNW-244C Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 20*C / 50% ESCS 30 (337) Engineer: Edward
EUT M/N : WL-266N22
Power Rating : 120Vac / 60Hz
Test Mode : OPERATING

| | Freq. (MHz) | AMN Factor (dB) | Cable Loss (dB) | Reading (dBµV) | Emission Level (dBµV) | Limits (dBµV) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.153 | 0.14 | 0.20 | 49.51 | 49.85 | 65.82 | 15.98 | QP |
| 2 | 0.153 | 0.14 | 0.20 | 19.28 | 19.62 | 55.82 | 36.21 | AVERAGE |
| 3 | 0.180 | 0.12 | 0.20 | 48.28 | 48.60 | 64.50 | 15.91 | QP |
| 4 | 0.180 | 0.12 | 0.20 | 18.22 | 18.54 | 54.50 | 35.97 | AVERAGE |
| 5 | 0.194 | 0.10 | 0.20 | 48.93 | 49.23 | 63.84 | 14.61 | QP |
| 6 | 0.194 | 0.10 | 0.20 | 23.80 | 24.10 | 53.84 | 29.74 | AVERAGE |
| 7 | 0.369 | 0.10 | 0.20 | 39.45 | 39.75 | 58.52 | 18.77 | QP |
| 8 | 0.369 | 0.10 | 0.20 | 21.67 | 21.97 | 48.52 | 26.55 | AVERAGE |
| 9 | 0.552 | 0.10 | 0.20 | 31.36 | 31.66 | 56.00 | 24.34 | QP |
| 10 | 0.552 | 0.10 | 0.20 | 16.66 | 16.96 | 46.00 | 29.04 | AVERAGE |
| 11 | 20.162 | 0.39 | 0.70 | 29.78 | 30.87 | 60.00 | 29.13 | QP |
| 12 | 20.162 | 0.39 | 0.70 | 24.24 | 25.33 | 50.00 | 24.67 | AVERAGE |

Remarks: 1.Emission Level= AMN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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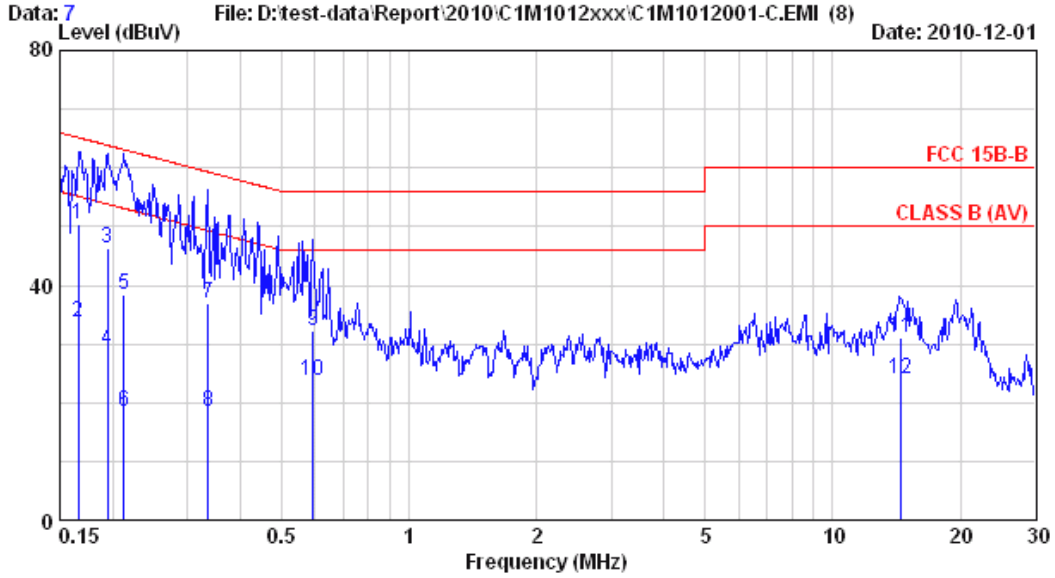



Site : NO.3 Shielded Room Data : 7
Condition : KNW-244C Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 20*C / 50% ESCS 30 (337) Engineer: Edward
EUT M/N : WL-266N22
Power Rating : 120Vac / 60Hz
Test Mode : OPERATING
ADP:DVE

| | Freq. (MHz) | AMN Factor (dB) | Cable Loss (dB) | Reading (dBµV) | Emission Level (dBµV) | Limits (dBµV) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.166 | 0.13 | 0.20 | 50.13 | 50.46 | 65.16 | 14.71 | QP |
| 2 | 0.166 | 0.13 | 0.20 | 33.38 | 33.71 | 55.16 | 21.46 | AVERAGE |
| 3 | 0.194 | 0.10 | 0.20 | 46.11 | 46.41 | 63.84 | 17.43 | QP |
| 4 | 0.194 | 0.10 | 0.20 | 28.59 | 28.89 | 53.84 | 24.95 | AVERAGE |
| 5 | 0.213 | 0.10 | 0.20 | 38.10 | 38.40 | 63.10 | 24.70 | QP |
| 6 | 0.213 | 0.10 | 0.20 | 18.13 | 18.43 | 53.10 | 34.67 | AVERAGE |
| 7 | 0.336 | 0.10 | 0.20 | 36.48 | 36.78 | 59.31 | 22.53 | QP |
| 8 | 0.336 | 0.10 | 0.20 | 18.14 | 18.44 | 49.31 | 30.87 | AVERAGE |
| 9 | 0.595 | 0.10 | 0.20 | 32.03 | 32.33 | 56.00 | 23.67 | QP |
| 10 | 0.595 | 0.10 | 0.20 | 23.51 | 23.81 | 46.00 | 22.19 | AVERAGE |
| 11 | 14.440 | 0.40 | 0.70 | 29.83 | 30.93 | 60.00 | 29.07 | QP |
| 12 | 14.440 | 0.40 | 0.70 | 22.95 | 24.05 | 50.00 | 25.95 | AVERAGE |

Remarks: 1.Emission Level= AMN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

# 3. RADIATED EMISSION MEASUREMENT

## 3.1. Test Equipment

The following test equipment was used during the radiated emission measurement:

### 3.1.1. For Frequency Range 30MHz~1000MHz (at Semi-Anechoic Chamber)

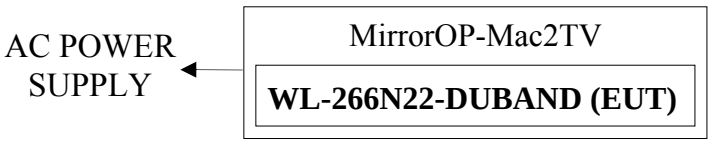
| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | N9020A | MY48011687 | Aug. 04, 10’ | Aug. 03, 11’ |
| 2. | Test Receiver | R & S | ESCS30 | 100338 | Jul. 08, 10’ | Jul. 07, 11’ |
| 3. | Amplifier | HP | 8447D | 2944A06305 | Feb. 03, 10’ | Feb. 02, 11’ |
| 4. | Log Periodic Antenna | Schwarzbeck | UHALP 9108-A | 0810 | Mar. 13, 10’ | Mar. 12, 11’ |
| 5. | Biconical Antenna | CHASE | VBA6106A | 1264 | Mar. 13, 10’ | Mar. 12, 11’ |

### 3.1.2. For Frequency Above 1GHz (at Semi-Anechoic Chamber)

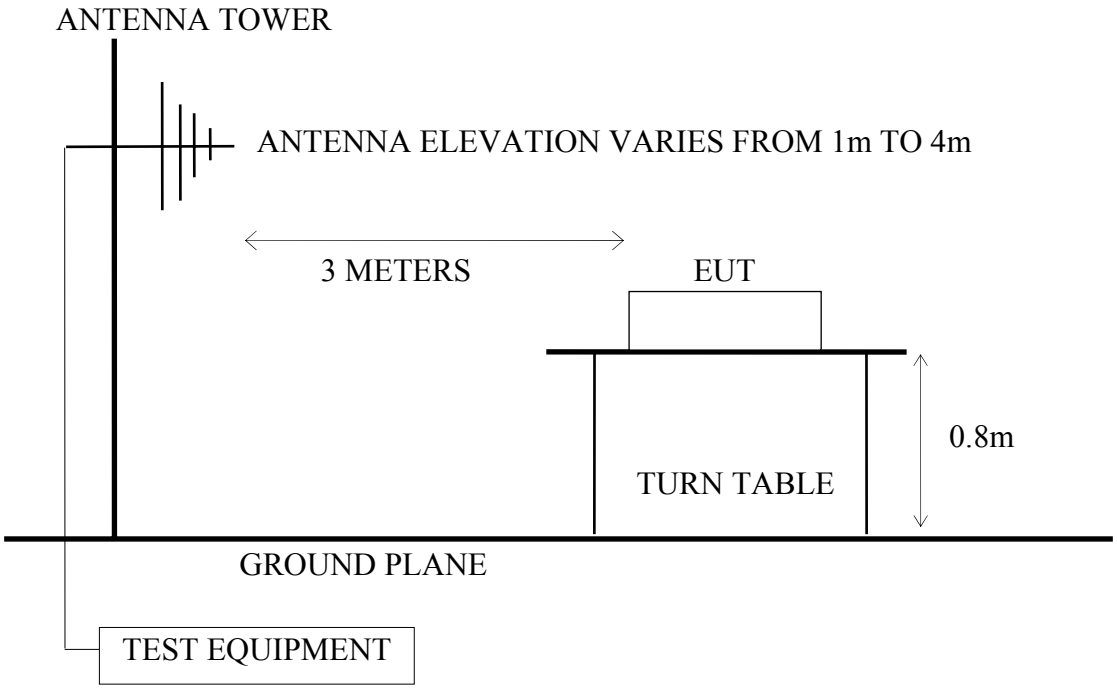
| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | N9020A | MY48011687 | Aug. 04, 10’ | Aug. 03, 11’ |
| 2. | Test Receiver | R & S | ESCS30 | 100338 | Jul. 08, 10’ | Jul. 07, 11’ |
| 3. | Amplifier | HP | 8449B | 3008A00529 | Dec. 15, 09’ | Dec. 14, 10’ |
| 4. | 2.4GHz Notch Filter | EWT | EWT-14-00 70-R1 | G2 | Dec. 04, 10’ | Dec. 03, 11’ |
| 5. | 3.5G High Pass Filter | HP | 84300-8003 8 | 005 | Jan. 06, 10’ | Jan. 05, 11’ |
| 6. | Horn Antenna | EMCO | 3115 | 9112-3775 | May 10, 10’ | May 09, 11’ |
| 7. | Horn Antenna | EMCO | 3116 | 2653 | Oct. 02, 09’ | Oct. 01, 10’ |

## 3.2. Test Setup

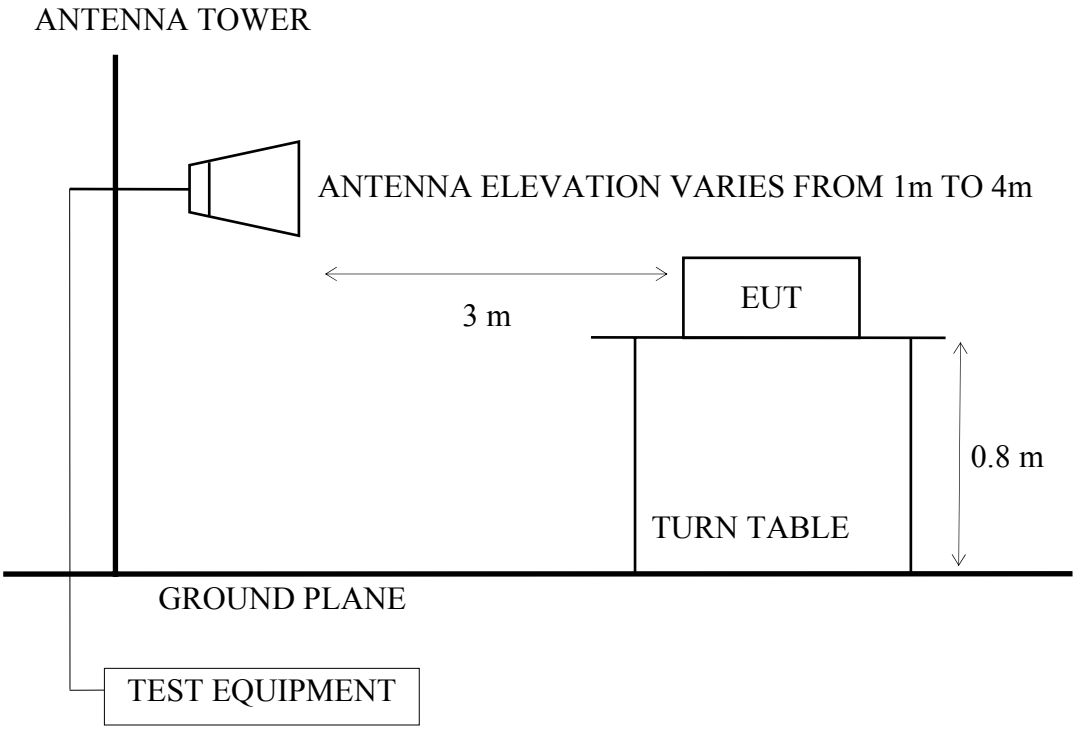
### 3.2.1. Block Diagram of connection between EUT and simulators



3.2.2.Semi-Anechoic Chamber (3m) Setup Diagram for 30-1000MHz




3.2.3.Semi-Anechoic Chamber (3m) Setup Diagram for above 1GHz



## 3.3. Radiated Emission Limits (§15.209)

| FREQUENCY MHz | DISTANCE Meters | FIELD STRENGTHS LIMITS | |
|---|---|---|---|
| | | μV/m | dBμV/m |
| 30 ~ 88 | 3 | 100 | 40.0 |
| 88 ~ 216 | 3 | 150 | 43.5 |
| 216 ~ 960 | 3 | 200 | 46.0 |
| Above 960 | 3 | 500 | 54.0 |
| Above 1000 | 3 | 74.0 dBμV/m (Peak)<br>54.0 dBμV/m (Average) | |

Remark：(1) Emission level (dBμV/m) = 20 log Emission level (μV/m)
(2) The tighter limit applies at the edge between two frequency bands.
(3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
(4) The limits in this table are based on CFR 47 Part 15.205(a)(b) and Part 15.209 (a).
(5) The over 1GHz limit, FCC limit is used based on CFR 47 Part 15.35(b) and Part 15.205(b) & Part 15.209(e) and Part 15.207(c).

## 3.4. Operating Condition of EUT

3.4.1. Set up the EUT (WL-266N22-Duband) and simulator as shown on 3.2.

3.4.2. To turn on the power of all equipments.

3.4.3. The EUT (within MirrorOP-Mac2TV) was set the Notebook PC using test program “Putty.exe”.

**802.11b/g/n-HT20**

3.4.4. Transmit Mode: The EUT was set to continuously transmit signals at 2412Hz、2437MHz and 2462MHz during testing.

3.4.5. Receive Mode: The EUT was set to continuously receive signals at 2437MHz during testing.

**802.11n-HT40**

3.4.6. Transmit Mode: The EUT was set to continuously transmit signals at 2422Hz、2437MHz and 2452MHz during testing.

3.4.7. Receive Mode: The EUT was set to continuously receive signals at 2437MHz during testing.

## 3.5. Test Procedure

The EUT (within MirrorOP-Mac2TV) and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna moved up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna or horn antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC ANSI C63.4-2003 regulation.

The bandwidth of the R&S Test Receiver was set at 120kHz. (For 30MHz to 1000MHz)

The resolution bandwidth and video bandwidth of test spectrum analyzer is 1MHz for peak detection (PK) at frequency above 1GHz.

The resolution bandwidth of test spectrum analyzer is 1MHz and the video bandwidth is 10Hz for average detection (AV) at frequency above 1GHz.

The frequency range from 30MHz to 25GHz (Up to $10^{th}$ harmonics from fundamental frequency) was checked. 30MHz to 1000MHz was measured with Quasi-Peak detector. Above 1GHz was measured with peak and average detector. For average reading in frequency from 2.68G to 25GHz, we checked it in 1 meter distance and with a shorter cable 2 meter instead of original's. There is no signal exist.

## 3.6. Test Results

**PASSED.**
(All emissions not reported below are too low against the prescribed limits.)

EUT：WL-266N22-Duband M/N：WL-266N22

Test Date：Dec. 10, 2010 Temperature：20℃ Humidity：48%

**For Frequency Range 30MHz~1000MHz:**

The EUT with following test modes was performed during this section testing and all the test results are listed in section 3.6.1.

| Mode | Type of Network | Channel | Frequency | Test Mode | Reference Test Data | |
|---|---|---|---|---|---|---|
| | | | | | Horizontal | Vertical |
| 1. | 802.11b | CH 1 | 2412MHz | Transmit | # 8 | # 7 |
| 2. | | CH 6 | 2437MHz | | # 7 | # 8 |
| 3. | | CH 11 | 2462MHz | | # 8 | # 7 |
| 4. | | CH 6 | 2437MHz | Receive | # 1 | # 2 |
| 5. | 802.11g | CH 1 | 2412MHz | Transmit | # 8 | # 7 |
| 6. | | CH 6 | 2437MHz | | # 9 | # 10 |
| 7. | | CH 11 | 2462MHz | | # 8 | # 7 |
| 8. | | CH 6 | 2437MHz | Receive | # 5 | # 6 |
| 9. | 802.11n-HT20 | CH 1 | 2412MHz | Transmit | # 8 | # 7 |
| 10. | | CH 6 | 2437MHz | | # 7 | # 8 |
| 11. | | CH 11 | 2462MHz | | # 8 | # 7 |
| 12. | | CH 6 | 2437MHz | Receive | # 5 | # 6 |
| 13. | 802.11n-HT40 | CH 3 | 2422MHz | Transmit | # 8 | # 7 |
| 14. | | CH 6 | 2437MHz | | # 7 | # 8 |
| 15. | | CH 9 | 2452MHz | | # 8 | # 7 |
| 16. | | CH 6 | 2437MHz | Receive | # 5 | # 6 |

* Above all final readings were measured with Quasi-Peak detector.

**For Frequency above 1GHz:**

The EUT with following test modes was performed during this section testing and all the test results are listed in section 3.6.2.

| Mode | Type of Network | Channel | Frequency | Test Mode | Reference Test Data | | |
|---|---|---|---|---|---|---|---|
| | | | | | Horizontal | | Vertical |
| 1. | 802.11b | CH 1 | 2412MHz | Transmit | Peak | # 2 | # 1 |
| | | | | | Average | # 10 | # 9 |
| 2. | | CH 6 | 2437MHz | | Peak | # 4 | # 3 |
| | | | | | Average | # 10 | # 9 |
| 3. | | CH 11 | 2462MHz | | Peak | # 3 | # 4 |
| | | | | | Average | # 9 | # 10 |
| 4. | | CH 6 | 2437MHz | Receive | Peak | None(Note) | None(Note) |
| 5. | 802.11g | CH 1 | 2412MHz | Transmit | Peak | # 4 | # 3 |
| | | | | | Average | # 10 | # 9 |
| 6. | | CH 6 | 2437MHz | | Peak | # 3 | # 4 |
| | | | | | Average | # 7 | # 8 |
| 7. | | CH 11 | 2462MHz | | Peak | # 4 | # 3 |
| | | | | | Average | # 10 | # 9 |
| 8. | | CH 6 | 2437MHz | Receive | Peak | None(Note) | None(Note) |
| 9. | 802.11n-HT20 | CH 1 | 2412MHz | Transmit | Peak | # 3 | # 4 |
| | | | | | Average | # 9 | # 10 |
| 10. | | CH 6 | 2437MHz | | Peak | # 4 | # 3 |
| | | | | | Average | # 10 | # 9 |
| 11. | | CH 11 | 2462MHz | | Peak | # 3 | # 4 |
| | | | | | Average | # 9 | # 10 |
| 12. | | CH 6 | 2437MHz | Receive | Peak | None(Note) | None(Note) |
| 13. | 802.11n-HT40 | CH 3 | 2422MHz | Transmit | Peak | # 4 | # 3 |
| | | | | | Average | # 10 | # 9 |
| 14. | | CH 6 | 2437MHz | | Peak | # 3 | # 4 |
| | | | | | Average | # 9 | # 10 |
| 15. | | CH 9 | 2452MHz | | Peak | # 4 | # 3 |
| | | | | | Average | # 10 | # 9 |
| 16. | | CH 6 | 2437MHz | Receive | Peak | None(Note) | None(Note) |

* Above all final readings were measured with Peak detector and Average detector.
Note: The emissions (up to 25GHz) not reported are too low to be measured.

**For Restricted Bands:**

The EUT was tested in restricted bands and all the test results are listed in section 3.6.3. (The restricted bands defined in part 15.205(a))

| Mode | Type of Network | Channel | Frequency | Test Mode | Reference Test Data | |
|---|---|---|---|---|---|---|
| | | | | | Horizontal | Vertical |
| 1. | 802.11b | CH 6 | 2412MHz | Transmit | # 2, # 3 | # 1, # 4 |
| 3. | | CH 11 | 2462MHz | | # 8, # 5 | # 7, # 6 |
| 5. | 802.11g | CH 6 | 2412MHz | Transmit | # 1, # 4 | # 2, # 3 |
| 7. | | CH 11 | 2462MHz | | # 8, # 5 | # 7, # 6 |
| 9. | 802.11n-HT20 | CH 6 | 2412MHz | Transmit | # 1, # 4 | # 2, # 3 |
| 11. | | CH 11 | 2462MHz | | # 7, # 6 | # 8, # 5 |
| 13. | 802.11n-HT40 | CH 3 | 2422MHz | Transmit | # 2, # 3 | # 1, # 4 |
| 15. | | CH 9 | 2452MHz | | # 8, # 5 | # 7, # 6 |

3.6.1.For 30-1000MHz Frequency Range Measurement Results

**802.11b, Transmit, Frequency: 2412MHz**

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 270.560 | 25.00 | 3.70 | 0.49 | 29.19 | 46.00 | 16.81 | |
| 2 | 297.720 | 26.68 | 3.98 | 1.18 | 31.84 | 46.00 | 14.16 | |
| 3 | 486.870 | 18.67 | 6.20 | 1.44 | 26.31 | 46.00 | 19.69 | |
| 4 | 659.530 | 22.30 | 6.40 | 4.10 | 32.80 | 46.00 | 13.20 | |
| 5 | 669.230 | 22.82 | 6.40 | 8.30 | 37.52 | 46.00 | 8.48 | |
| 6 | 798.240 | 24.09 | 6.90 | 3.28 | 34.27 | 46.00 | 11.73 | |
| 7 | 815.700 | 23.89 | 7.00 | 13.32 | 44.21 | 46.00 | 1.79 | |
| 8 | 963.140 | 26.63 | 7.60 | 2.22 | 36.45 | 54.00 | 17.55 | |

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 87.230 | 15.21 | 2.00 | 7.56 | 24.77 | 40.00 | 15.23 | |
| 2 | 193.930 | 21.70 | 3.00 | 5.88 | 30.58 | 43.50 | 12.92 | |
| 3 | 297.720 | 26.68 | 3.98 | 0.62 | 31.28 | 46.00 | 14.72 | |
| 4 | 519.850 | 19.99 | 6.90 | 0.90 | 27.79 | 46.00 | 18.21 | |
| 5 | 669.230 | 22.82 | 6.40 | 7.79 | 37.01 | 46.00 | 8.99 | |
| 6 | 815.700 | 23.89 | 7.00 | 5.54 | 36.43 | 46.00 | 9.57 | |

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

## 802.11b, Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 191.990 | 21.60 | 3.00 | 1.63 | 26.23 | 43.50 | 17.27 | |
| 2 | 297.720 | 26.68 | 3.98 | 1.20 | 31.86 | 46.00 | 14.14 | |
| 3 | 400.540 | 17.66 | 4.80 | 1.36 | 23.82 | 46.00 | 22.18 | |
| 4 | 486.870 | 18.67 | 6.20 | 1.27 | 26.14 | 46.00 | 19.86 | |
| 5 | 669.230 | 22.82 | 6.40 | 9.11 | 38.33 | 46.00 | 7.67 | |
| 6 | 815.700 | 23.89 | 7.00 | 13.09 | 43.98 | 46.00 | 2.02 | |
| 7 | 963.140 | 26.63 | 7.60 | 2.64 | 36.87 | 54.00 | 17.13 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 81.410 | 13.97 | 1.90 | 12.01 | 27.88 | 40.00 | 12.12 | |
| 2 | 192.960 | 21.66 | 3.00 | 5.46 | 30.12 | 43.50 | 13.38 | |
| 3 | 297.720 | 26.68 | 3.98 | 1.44 | 32.10 | 46.00 | 13.90 | |
| 4 | 400.540 | 17.66 | 4.80 | 1.29 | 23.75 | 46.00 | 22.25 | |
| 5 | 519.850 | 19.99 | 6.90 | 1.33 | 28.22 | 46.00 | 17.78 | |
| 6 | 669.230 | 22.82 | 6.40 | 8.19 | 37.41 | 46.00 | 8.59 | |
| 7 | 815.700 | 23.89 | 7.00 | 5.28 | 36.17 | 46.00 | 9.83 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11b, Transmit, Frequency: 2462MHz

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 192.960 | 21.66 | 3.00 | 1.36 | 26.02 | 43.50 | 17.48 | |
| 2 | 297.720 | 26.68 | 3.98 | 0.67 | 31.33 | 46.00 | 14.67 | |
| 3 | 400.540 | 17.66 | 4.80 | 2.87 | 25.33 | 46.00 | 20.67 | |
| 4 | 669.230 | 22.82 | 6.40 | 8.51 | 37.73 | 46.00 | 8.27 | |
| 5 | 798.240 | 24.09 | 6.90 | 1.94 | 32.93 | 46.00 | 13.07 | |
| 6 | 815.700 | 23.89 | 7.00 | 12.81 | 43.70 | 46.00 | 2.30 | |
| 7 | 963.140 | 26.63 | 7.60 | 0.79 | 35.02 | 54.00 | 18.98 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 87.230 | 15.21 | 2.00 | 7.49 | 24.70 | 40.00 | 15.30 | |
| 2 | 192.960 | 21.66 | 3.00 | 5.62 | 30.28 | 43.50 | 13.22 | |
| 3 | 297.720 | 26.68 | 3.98 | 0.95 | 31.61 | 46.00 | 14.39 | |
| 4 | 400.540 | 17.66 | 4.80 | 1.33 | 23.79 | 46.00 | 22.21 | |
| 5 | 519.850 | 19.99 | 6.90 | 1.08 | 27.97 | 46.00 | 18.03 | |
| 6 | 669.230 | 22.82 | 6.40 | 8.69 | 37.91 | 46.00 | 8.09 | |
| 7 | 815.700 | 23.89 | 7.00 | 6.16 | 37.05 | 46.00 | 8.95 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11b, Receive, Frequency: 2437MHz

```
Site no.      : A/C Chamber                  Data no.  : 1
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : RX2437(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 126.030 | 19.49 | 2.38 | 3.86 | 25.72 | 43.50 | 17.78 | |
| 2 | 297.720 | 26.68 | 3.98 | 1.44 | 32.10 | 46.00 | 13.90 | |
| 3 | 400.540 | 17.66 | 4.80 | 2.06 | 24.52 | 46.00 | 21.48 | |
| 4 | 669.230 | 22.82 | 6.40 | 8.35 | 37.57 | 46.00 | 8.43 | |
| 5 | 798.240 | 24.09 | 6.90 | 2.87 | 33.86 | 46.00 | 12.14 | |
| 6 | 815.700 | 23.89 | 7.00 | 13.06 | 43.95 | 46.00 | 2.05 | |
| 7 | 963.140 | 26.63 | 7.60 | 2.06 | 36.29 | 54.00 | 17.71 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 2
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : RX2437(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 86.260 | 14.98 | 1.90 | 8.42 | 25.30 | 40.00 | 14.70 | |
| 2 | 191.990 | 21.60 | 3.00 | 5.68 | 30.29 | 43.50 | 13.21 | |
| 3 | 297.720 | 26.68 | 3.98 | 1.41 | 32.07 | 46.00 | 13.93 | |
| 4 | 400.540 | 17.66 | 4.80 | 2.10 | 24.56 | 46.00 | 21.44 | |
| 5 | 519.850 | 19.99 | 6.90 | 1.47 | 28.36 | 46.00 | 17.64 | |
| 6 | 669.230 | 22.82 | 6.40 | 8.46 | 37.68 | 46.00 | 8.32 | |
| 7 | 815.700 | 23.89 | 7.00 | 5.21 | 36.10 | 46.00 | 9.90 | |
| 8 | 969.930 | 26.83 | 7.69 | -0.21 | 34.32 | 54.00 | 19.68 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11g, Transmit, Frequency: 2412MHz

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 182.290 | 21.33 | 2.90 | 1.92 | 26.15 | 43.50 | 17.35 | |
| 2 | 297.720 | 26.68 | 3.98 | 0.71 | 31.37 | 46.00 | 14.63 | |
| 3 | 400.540 | 17.66 | 4.80 | 2.34 | 24.80 | 46.00 | 21.20 | |
| 4 | 669.230 | 22.82 | 6.40 | 7.32 | 36.54 | 46.00 | 9.46 | |
| 5 | 798.240 | 24.09 | 6.90 | 3.14 | 34.13 | 46.00 | 11.87 | |
| 6 | 815.700 | 23.89 | 7.00 | 13.02 | 43.91 | 46.00 | 2.09 | |
| 7 | 963.140 | 26.63 | 7.60 | 0.97 | 35.20 | 54.00 | 18.80 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 86.260 | 14.98 | 1.90 | 8.66 | 25.54 | 40.00 | 14.46 | |
| 2 | 191.990 | 21.60 | 3.00 | 5.50 | 30.10 | 43.50 | 13.40 | |
| 3 | 297.720 | 26.68 | 3.98 | 0.71 | 31.37 | 46.00 | 14.63 | |
| 4 | 519.850 | 19.99 | 6.90 | 0.99 | 27.88 | 46.00 | 18.12 | |
| 5 | 669.230 | 22.82 | 6.40 | 8.30 | 37.52 | 46.00 | 8.48 | |
| 6 | 815.700 | 23.89 | 7.00 | 4.72 | 35.61 | 46.00 | 10.39 | |
| 7 | 974.780 | 26.52 | 7.70 | -0.33 | 33.89 | 54.00 | 20.11 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11g, Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                  Data no.  : 9
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                          □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 181.320 | 21.32 | 2.90 | 1.71 | 25.93 | 43.50 | 17.57 | |
| 2 | 268.620 | 24.86 | 3.70 | 0.55 | 29.11 | 46.00 | 16.89 | |
| 3 | 297.720 | 26.68 | 3.98 | 1.25 | 31.91 | 46.00 | 14.09 | |
| 4 | 486.870 | 18.67 | 6.20 | 1.01 | 25.88 | 46.00 | 20.12 | |
| 5 | 669.230 | 22.82 | 6.40 | 8.86 | 38.08 | 46.00 | 7.92 | |
| 6 | 815.700 | 23.89 | 7.00 | 12.79 | 43.68 | 46.00 | 2.32 | |
| 7 | 963.140 | 26.63 | 7.60 | 1.49 | 35.72 | 54.00 | 18.28 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 10
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                          □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 56.190 | 14.11 | 1.60 | 6.87 | 22.59 | 40.00 | 17.41 | |
| 2 | 86.260 | 14.98 | 1.90 | 7.81 | 24.69 | 40.00 | 15.31 | |
| 3 | 191.990 | 21.60 | 3.00 | 5.40 | 30.01 | 43.50 | 13.49 | |
| 4 | 299.660 | 26.77 | 3.90 | 0.14 | 30.81 | 46.00 | 15.19 | |
| 5 | 519.850 | 19.99 | 6.90 | 0.72 | 27.61 | 46.00 | 18.39 | |
| 6 | 669.230 | 22.82 | 6.40 | 9.27 | 38.49 | 46.00 | 7.51 | |
| 7 | 815.700 | 23.89 | 7.00 | 5.19 | 36.08 | 46.00 | 9.92 | |
| 8 | 963.140 | 26.63 | 7.60 | -0.44 | 33.79 | 54.00 | 20.21 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11g, Transmit, Frequency: 2462MHz

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 297.720 | 26.68 | 3.98 | 1.02 | 31.68 | 46.00 | 14.32 | |
| 2 | 400.540 | 17.66 | 4.80 | 1.54 | 24.00 | 46.00 | 22.00 | |
| 3 | 537.310 | 19.41 | 7.10 | 0.32 | 26.83 | 46.00 | 19.17 | |
| 4 | 669.230 | 22.82 | 6.40 | 8.56 | 37.78 | 46.00 | 8.22 | |
| 5 | 798.240 | 24.09 | 6.90 | 2.31 | 33.30 | 46.00 | 12.70 | |
| 6 | 815.700 | 23.89 | 7.00 | 13.04 | 43.93 | 46.00 | 2.07 | |
| 7 | 963.140 | 26.63 | 7.60 | 1.39 | 35.62 | 54.00 | 18.38 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 86.260 | 14.98 | 1.90 | 7.98 | 24.86 | 40.00 | 15.14 | |
| 2 | 191.990 | 21.60 | 3.00 | 5.57 | 30.18 | 43.50 | 13.32 | |
| 3 | 268.620 | 24.86 | 3.70 | -0.18 | 28.38 | 46.00 | 17.62 | |
| 4 | 297.720 | 26.68 | 3.98 | 0.71 | 31.37 | 46.00 | 14.63 | |
| 5 | 669.230 | 22.82 | 6.40 | 7.88 | 37.10 | 46.00 | 8.90 | |
| 6 | 815.700 | 23.89 | 7.00 | 5.83 | 36.72 | 46.00 | 9.28 | |
| 7 | 963.140 | 26.63 | 7.60 | -1.32 | 32.91 | 54.00 | 21.09 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11g, Receive, Frequency: 2437MHz

```
Site no.      : A/C Chamber                  Data no.  : 5
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : RX2437(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 183.260 | 21.34 | 2.90 | 28.31 | 26.68 | 43.50 | 16.82 | |
| 2 | 297.720 | 26.68 | 3.98 | 26.74 | 31.70 | 46.00 | 14.30 | |
| 3 | 400.540 | 17.66 | 4.80 | 29.27 | 25.13 | 46.00 | 20.87 | |
| 4 | 669.230 | 22.82 | 6.40 | 36.60 | 38.47 | 46.00 | 7.53 | |
| 5 | 798.240 | 24.09 | 6.90 | 29.15 | 32.84 | 46.00 | 13.16 | |
| 6 | 815.700 | 23.89 | 7.00 | 40.48 | 44.12 | 46.00 | 1.88 | |
| 7 | 963.140 | 26.63 | 7.60 | 28.52 | 35.95 | 54.00 | 18.05 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 6
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : RX2437(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 85.290 | 14.80 | 1.90 | 34.37 | 24.75 | 40.00 | 15.25 | |
| 2 | 191.020 | 21.55 | 3.00 | 31.72 | 30.44 | 43.50 | 13.06 | |
| 3 | 297.720 | 26.68 | 3.98 | 27.16 | 32.12 | 46.00 | 13.88 | |
| 4 | 400.540 | 17.66 | 4.80 | 28.68 | 24.54 | 46.00 | 21.46 | |
| 5 | 519.850 | 19.99 | 6.90 | 28.17 | 28.18 | 46.00 | 17.82 | |
| 6 | 669.230 | 22.82 | 6.40 | 34.45 | 36.32 | 46.00 | 9.68 | |
| 7 | 815.700 | 23.89 | 7.00 | 32.35 | 35.99 | 46.00 | 10.01 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT20, Transmit, Frequency: 2412MHz

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                          □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 182.290 | 21.33 | 2.90 | 1.19 | 25.42 | 43.50 | 18.08 | |
| 2 | 297.720 | 26.68 | 3.98 | 0.88 | 31.54 | 46.00 | 14.46 | |
| 3 | 669.230 | 22.82 | 6.40 | 8.72 | 37.94 | 46.00 | 8.06 | |
| 4 | 798.240 | 24.09 | 6.90 | 1.90 | 32.89 | 46.00 | 13.11 | |
| 5 | 815.700 | 23.89 | 7.00 | 12.99 | 43.88 | 46.00 | 2.12 | |
| 6 | 963.140 | 26.63 | 7.60 | 1.16 | 35.39 | 54.00 | 18.61 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                          □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 85.290 | 14.80 | 1.90 | 7.98 | 24.68 | 40.00 | 15.32 | |
| 2 | 191.020 | 21.55 | 3.00 | 6.08 | 30.63 | 43.50 | 12.87 | |
| 3 | 299.660 | 26.77 | 3.90 | 0.60 | 31.27 | 46.00 | 14.73 | |
| 4 | 400.540 | 17.66 | 4.80 | 1.94 | 24.40 | 46.00 | 21.60 | |
| 5 | 519.850 | 19.99 | 6.90 | 0.60 | 27.49 | 46.00 | 18.51 | |
| 6 | 669.230 | 22.82 | 6.40 | 7.84 | 37.06 | 46.00 | 8.94 | |
| 7 | 815.700 | 23.89 | 7.00 | 5.31 | 36.20 | 46.00 | 9.80 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT20, Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 92.080 | 16.08 | 2.00 | 4.47 | 22.54 | 43.50 | 20.96 | |
| 2 | 200.720 | 22.08 | 3.00 | 3.09 | 28.17 | 43.50 | 15.33 | |
| 3 | 297.720 | 26.68 | 3.98 | 0.99 | 31.65 | 46.00 | 14.35 | |
| 4 | 445.160 | 17.60 | 5.40 | 5.42 | 28.42 | 46.00 | 17.58 | |
| 5 | 669.230 | 22.82 | 6.40 | 7.91 | 37.13 | 46.00 | 8.87 | |
| 6 | 815.700 | 23.89 | 7.00 | 13.43 | 44.32 | 46.00 | 1.68 | |
| 7 | 963.140 | 26.63 | 7.60 | 1.81 | 36.04 | 54.00 | 17.96 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 86.260 | 14.98 | 1.90 | 8.24 | 25.12 | 40.00 | 14.88 | |
| 2 | 191.990 | 21.60 | 3.00 | 6.29 | 30.90 | 43.50 | 12.60 | |
| 3 | 297.720 | 26.68 | 3.98 | 0.90 | 31.56 | 46.00 | 14.44 | |
| 4 | 400.540 | 17.66 | 4.80 | 1.57 | 24.03 | 46.00 | 21.97 | |
| 5 | 519.850 | 19.99 | 6.90 | 0.88 | 27.77 | 46.00 | 18.23 | |
| 6 | 669.230 | 22.82 | 6.40 | 7.39 | 36.61 | 46.00 | 9.39 | |
| 7 | 815.700 | 23.89 | 7.00 | 4.58 | 35.47 | 46.00 | 10.53 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT20, Transmit, Frequency: 2462MHz

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                          □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.720 | 22.08 | 3.00 | 2.50 | 27.58 | 43.50 | 15.92 | |
| 2 | 297.720 | 26.68 | 3.98 | 2.29 | 32.95 | 46.00 | 13.05 | |
| 3 | 400.540 | 17.66 | 4.80 | 1.73 | 24.19 | 46.00 | 21.81 | |
| 4 | 669.230 | 22.82 | 6.40 | 9.18 | 38.40 | 46.00 | 7.60 | |
| 5 | 798.240 | 24.09 | 6.90 | 3.14 | 34.13 | 46.00 | 11.87 | |
| 6 | 815.700 | 23.89 | 7.00 | 13.46 | 44.35 | 46.00 | 1.65 | |
| 7 | 957.320 | 26.33 | 7.60 | 1.52 | 35.45 | 46.00 | 10.55 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                          □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 86.260 | 14.98 | 1.90 | 7.48 | 24.36 | 40.00 | 15.64 | |
| 2 | 297.720 | 26.68 | 3.98 | 0.00 | 30.66 | 46.00 | 15.34 | |
| 3 | 337.490 | 15.09 | 4.20 | 7.24 | 26.53 | 46.00 | 19.47 | |
| 4 | 669.230 | 22.82 | 6.40 | 8.16 | 37.38 | 46.00 | 8.62 | |
| 5 | 815.700 | 23.89 | 7.00 | 5.67 | 36.56 | 46.00 | 9.44 | |
| 6 | 963.140 | 26.63 | 7.60 | -1.28 | 32.95 | 54.00 | 21.05 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT20, Receive, Frequency: 2437MHz

```
Site no.      : A/C Chamber                  Data no.  : 5
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                          □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : RX2437(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 297.720 | 26.68 | 3.98 | 1.27 | 31.93 | 46.00 | 14.07 | |
| 2 | 400.540 | 17.66 | 4.80 | 1.59 | 24.05 | 46.00 | 21.95 | |
| 3 | 669.230 | 22.82 | 6.40 | 8.60 | 37.82 | 46.00 | 8.18 | |
| 4 | 798.240 | 24.09 | 6.90 | 2.34 | 33.33 | 46.00 | 12.67 | |
| 5 | 815.700 | 23.89 | 7.00 | 13.16 | 44.05 | 46.00 | 1.95 | |
| 6 | 963.140 | 26.63 | 7.60 | 1.44 | 35.67 | 54.00 | 18.33 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 6
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                          □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : RX2437(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 87.230 | 15.21 | 2.00 | 7.73 | 24.94 | 40.00 | 15.06 | |
| 2 | 191.990 | 21.60 | 3.00 | 4.46 | 29.06 | 43.50 | 14.44 | |
| 3 | 297.720 | 26.68 | 3.98 | 0.02 | 30.68 | 46.00 | 15.32 | |
| 4 | 519.850 | 19.99 | 6.90 | -0.35 | 26.54 | 46.00 | 19.46 | |
| 5 | 581.930 | 20.91 | 6.30 | 0.04 | 27.25 | 46.00 | 18.75 | |
| 6 | 669.230 | 22.82 | 6.40 | 7.06 | 36.28 | 46.00 | 9.72 | |
| 7 | 815.700 | 23.89 | 7.00 | 5.72 | 36.61 | 46.00 | 9.39 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT40, Transmit, Frequency: 2422MHz

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2422(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 180.350 | 21.31 | 2.90 | 1.70 | 25.91 | 43.50 | 17.59 | |
| 2 | 299.660 | 26.77 | 3.90 | 0.88 | 31.55 | 46.00 | 14.45 | |
| 3 | 400.540 | 17.66 | 4.80 | 1.26 | 23.72 | 46.00 | 22.28 | |
| 4 | 669.230 | 22.82 | 6.40 | 8.65 | 37.87 | 46.00 | 8.13 | |
| 5 | 798.240 | 24.09 | 6.90 | 2.08 | 33.07 | 46.00 | 12.93 | |
| 6 | 815.700 | 23.89 | 7.00 | 12.97 | 43.86 | 46.00 | 2.14 | |
| 7 | 963.140 | 26.63 | 7.60 | 1.18 | 35.41 | 54.00 | 18.59 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2422(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 91.110 | 15.90 | 2.00 | 7.71 | 25.62 | 43.50 | 17.88 | |
| 2 | 191.020 | 21.55 | 3.00 | 5.54 | 30.09 | 43.50 | 13.41 | |
| 3 | 299.660 | 26.77 | 3.90 | 0.78 | 31.45 | 46.00 | 14.55 | |
| 4 | 669.230 | 22.82 | 6.40 | 7.69 | 36.91 | 46.00 | 9.09 | |
| 5 | 815.700 | 23.89 | 7.00 | 5.63 | 36.52 | 46.00 | 9.48 | |
| 6 | 964.110 | 26.80 | 7.60 | -0.66 | 33.74 | 54.00 | 20.26 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT40, Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 182.290 | 21.33 | 2.90 | 2.41 | 26.64 | 43.50 | 16.86 | |
| 2 | 297.720 | 26.68 | 3.98 | 0.28 | 30.94 | 46.00 | 15.06 | |
| 3 | 400.540 | 17.66 | 4.80 | 2.20 | 24.66 | 46.00 | 21.34 | |
| 4 | 669.230 | 22.82 | 6.40 | 9.18 | 38.40 | 46.00 | 7.60 | |
| 5 | 798.240 | 24.09 | 6.90 | 2.74 | 33.73 | 46.00 | 12.27 | |
| 6 | 815.700 | 23.89 | 7.00 | 13.20 | 44.09 | 46.00 | 1.91 | |
| 7 | 963.140 | 26.63 | 7.60 | 1.06 | 35.29 | 54.00 | 18.71 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 87.230 | 15.21 | 2.00 | 8.14 | 25.35 | 40.00 | 14.65 | |
| 2 | 191.990 | 21.60 | 3.00 | 5.22 | 29.82 | 43.50 | 13.68 | |
| 3 | 297.720 | 26.68 | 3.98 | 0.64 | 31.30 | 46.00 | 14.70 | |
| 4 | 400.540 | 17.66 | 4.80 | 3.28 | 25.74 | 46.00 | 20.26 | |
| 5 | 581.930 | 20.91 | 6.30 | 0.99 | 28.20 | 46.00 | 17.80 | |
| 6 | 669.230 | 22.82 | 6.40 | 7.65 | 36.87 | 46.00 | 9.13 | |
| 7 | 815.700 | 23.89 | 7.00 | 4.23 | 35.12 | 46.00 | 10.88 | |
| 8 | 963.140 | 26.63 | 7.60 | -0.76 | 33.47 | 54.00 | 20.53 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT40, Transmit, Frequency: 2452MHz

```
Site no.      : A/C Chamber                  Data no.  : 8
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2452(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.720 | 22.08 | 3.00 | 1.22 | 26.30 | 43.50 | 17.20 | |
| 2 | 297.720 | 26.68 | 3.98 | -0.63 | 30.03 | 46.00 | 15.97 | |
| 3 | 669.230 | 22.82 | 6.40 | 7.91 | 37.13 | 46.00 | 8.87 | |
| 4 | 798.240 | 24.09 | 6.90 | 2.55 | 33.54 | 46.00 | 12.46 | |
| 5 | 815.700 | 23.89 | 7.00 | 12.81 | 43.70 | 46.00 | 2.30 | |
| 6 | 935.980 | 25.39 | 7.50 | -0.54 | 32.35 | 46.00 | 13.65 | |
| 7 | 963.140 | 26.63 | 7.60 | 0.58 | 34.81 | 54.00 | 19.19 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2452(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 85.290 | 14.80 | 1.90 | 7.88 | 24.58 | 40.00 | 15.42 | |
| 2 | 113.420 | 18.47 | 2.26 | 6.40 | 27.14 | 43.50 | 16.37 | |
| 3 | 191.990 | 21.60 | 3.00 | 5.01 | 29.62 | 43.50 | 13.88 | |
| 4 | 299.660 | 26.77 | 3.90 | -0.21 | 30.46 | 46.00 | 15.54 | |
| 5 | 401.510 | 17.60 | 4.90 | 0.45 | 22.95 | 46.00 | 23.05 | |
| 6 | 669.230 | 22.82 | 6.40 | 7.60 | 36.82 | 46.00 | 9.18 | |
| 7 | 815.700 | 23.89 | 7.00 | 5.76 | 36.65 | 46.00 | 9.35 | |
| 8 | 971.870 | 26.79 | 7.70 | -1.19 | 33.30 | 54.00 | 20.70 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT40, Receive, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
Limit : FCC PART-15C
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : RX2437(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 200.720 | 22.08 | 3.00 | 0.57 | 25.65 | 43.50 | 17.85 | |
| 2 | 297.720 | 26.68 | 3.98 | 0.78 | 31.44 | 46.00 | 14.56 | |
| 3 | 400.540 | 17.66 | 4.80 | 2.22 | 24.68 | 46.00 | 21.32 | |
| 4 | 669.230 | 22.82 | 6.40 | 8.30 | 37.52 | 46.00 | 8.48 | |
| 5 | 798.240 | 24.09 | 6.90 | 2.67 | 33.66 | 46.00 | 12.34 | |
| 6 | 815.700 | 23.89 | 7.00 | 13.50 | 44.39 | 46.00 | 1.61 | |
| 7 | 963.140 | 26.63 | 7.60 | 1.32 | 35.55 | 54.00 | 18.45 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

Site no. : A/C Chamber Data no. : 6
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : RX2437(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 85.290 | 14.80 | 1.90 | 8.47 | 25.17 | 40.00 | 14.83 | |
| 2 | 113.420 | 18.47 | 2.26 | 6.76 | 27.50 | 43.50 | 16.01 | |
| 3 | 190.050 | 21.51 | 2.92 | 5.92 | 30.36 | 43.50 | 13.14 | |
| 4 | 297.720 | 26.68 | 3.98 | 0.67 | 31.33 | 46.00 | 14.67 | |
| 5 | 669.230 | 22.82 | 6.40 | 8.14 | 37.36 | 46.00 | 8.64 | |
| 6 | 815.700 | 23.89 | 7.00 | 5.88 | 36.77 | 46.00 | 9.23 | |
| 7 | 963.140 | 26.63 | 7.60 | 0.33 | 34.56 | 54.00 | 19.44 | |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

3.6.2.For Above 1GHz Frequency Range Measurement Results

**802.11b, Transmit, Frequency: 2412MHz**

```
Site no.      : A/C Chamber                Data no.  : 2
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                       □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2347.360 | 28.36 | 6.29 | 10.16 | 44.81 | 74.00 | 29.19 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                       □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2347.360 | 28.36 | 6.29 | 0.04 | 34.69 | 54.00 | 19.31 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 1
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2355.760 | 28.40 | 6.29 | 17.76 | 52.45 | 74.00 | 21.55 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2355.760 | 28.40 | 6.29 | 9.00 | 43.69 | 54.00 | 10.31 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11b Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2347.360 | 28.36 | 6.29 | 9.93 | 44.58 | 74.00 | 29.42 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2347.360 | 28.36 | 6.29 | 0.71 | 35.35 | 54.00 | 18.65 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2350.720 | 28.36 | 6.29 | 17.21 | 51.86 | 74.00 | 22.14 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2350.720 | 28.36 | 6.29 | 8.65 | 43.30 | 54.00 | 10.70 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11b, Transmit, Frequency: 2462MHz

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2330.560 | 28.32 | 6.26 | 17.18 | 51.76 | 74.00 | 22.24 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2330.560 | 28.32 | 6.26 | 8.60 | 43.18 | 54.00 | 10.82 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2322.160 | 28.32 | 6.25 | 9.38 | 43.96 | 74.00 | 30.04 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11b)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2322.160 | 28.32 | 6.25 | 0.65 | 35.22 | 54.00 | 18.78 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11g, Transmit, Frequency: 2412MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBµV) | Emission Level (dBµV/m) | Limits (dBµV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 13.55 | 48.25 | 74.00 | 25.75 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBµV) | Emission Level (dBµV/m) | Limits (dBµV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 5.69 | 40.39 | 54.00 | 13.61 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 21.72 | 56.42 | 74.00 | 17.58 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 13.85 | 48.55 | 54.00 | 5.45 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11g, Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                  Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)              Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 9.38 | 44.08 | 74.00 | 29.92 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   3115(4927)              Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                         □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 1.64 | 36.34 | 54.00 | 17.66 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                       □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2322.160 | 28.32 | 6.25 | 17.58 | 52.16 | 74.00 | 21.84 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                Data no.  : 8
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                       □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2322.160 | 28.32 | 6.25 | 10.72 | 45.29 | 54.00 | 8.71 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11g, Transmit, Frequency: 2462MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2322.160 | 28.32 | 6.25 | 16.50 | 51.08 | 74.00 | 22.92 | Peak |
| 2 | 2527.120 | 28.81 | 6.50 | 13.44 | 48.76 | 74.00 | 25.24 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2322.160 | 28.32 | 6.25 | 8.78 | 43.35 | 54.00 | 10.65 | Average |
| 2 | 2527.120 | 28.81 | 6.50 | 4.98 | 40.29 | 54.00 | 13.71 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                       ☐Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2308.720 | 28.28 | 6.23 | 16.34 | 50.86 | 74.00 | 23.14 | Peak |
| 2 | 2527.120 | 28.81 | 6.50 | 13.86 | 49.18 | 74.00 | 24.82 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                       ☐Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2308.720 | 28.28 | 6.23 | 7.93 | 42.45 | 54.00 | 11.55 | Average |
| 2 | 2527.120 | 28.81 | 6.50 | 8.34 | 43.65 | 54.00 | 10.35 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT20, Transmit, Frequency: 2412MHz

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 13.44 | 48.14 | 74.00 | 25.86 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 5.76 | 40.46 | 54.00 | 13.54 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        ☐Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 22.09 | 56.79 | 74.00 | 17.21 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        ☐Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2412(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 13.76 | 48.46 | 54.00 | 5.54 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT20, Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2333.920 | 28.32 | 6.27 | 9.57 | 44.16 | 74.00 | 29.84 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2333.920 | 28.32 | 6.27 | 2.75 | 37.34 | 54.00 | 16.66 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2364.160 | 28.40 | 6.30 | 16.40 | 51.10 | 74.00 | 22.90 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2364.160 | 28.40 | 6.30 | 9.99 | 44.69 | 54.00 | 9.31 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT20, Transmit, Frequency: 2462MHz

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2350.720 | 28.36 | 6.29 | 9.30 | 43.95 | 74.00 | 30.05 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2350.720 | 28.36 | 6.29 | 2.34 | 36.99 | 54.00 | 17.01 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                       ☐Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2342.320 | 28.36 | 6.28 | 17.19 | 51.82 | 74.00 | 22.18 | Peak |
| 2 | 2515.360 | 28.76 | 6.49 | 15.39 | 50.63 | 74.00 | 23.37 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                       ☐Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11n-HT20)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2342.320 | 28.36 | 6.28 | 8.60 | 43.23 | 54.00 | 10.77 | Average |
| 2 | 2515.360 | 28.76 | 6.49 | 6.96 | 42.20 | 54.00 | 11.80 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT40, Transmit, Frequency: 2422MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2422(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2317.120 | 28.28 | 6.25 | 10.63 | 45.16 | 74.00 | 28.84 | Peak |
| 2 | 2527.120 | 28.81 | 6.50 | 8.58 | 43.90 | 74.00 | 30.10 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2422(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2317.120 | 28.28 | 6.25 | 1.81 | 36.35 | 54.00 | 17.65 | Average |
| 2 | 2527.120 | 28.81 | 6.50 | 1.92 | 37.23 | 54.00 | 16.77 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                       □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2422(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2317.120 | 28.28 | 6.25 | 17.35 | 51.88 | 74.00 | 22.12 | Peak |
| 2 | 2523.760 | 28.81 | 6.50 | 14.84 | 50.16 | 74.00 | 23.84 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                       □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2422(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2317.120 | 28.28 | 6.25 | 8.81 | 43.35 | 54.00 | 10.65 | Average |
| 2 | 2523.760 | 28.81 | 6.50 | 6.82 | 42.13 | 54.00 | 11.87 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT40, Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2333.920 | 28.32 | 6.27 | 11.37 | 45.96 | 74.00 | 28.04 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2333.920 | 28.32 | 6.27 | 3.76 | 38.35 | 54.00 | 15.65 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2333.920 | 28.32 | 6.27 | 20.52 | 55.11 | 74.00 | 18.89 | Peak |
| 2 | 2540.560 | 28.87 | 6.53 | 14.57 | 49.97 | 74.00 | 24.03 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2437(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2333.920 | 28.32 | 6.27 | 12.64 | 47.23 | 54.00 | 6.77 | Average |
| 2 | 2540.560 | 28.87 | 6.53 | 5.79 | 41.19 | 54.00 | 12.81 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 802.11n-HT40, Transmit, Frequency: 2452MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2452(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBµV) | Emission Level (dBµV/m) | Limits (dBµV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 11.65 | 46.35 | 74.00 | 27.65 | Peak |
| 2 | 2565.760 | 28.93 | 6.58 | 10.98 | 46.48 | 74.00 | 27.52 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 10
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2452(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBµV) | Emission Level (dBµV/m) | Limits (dBµV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 3.94 | 38.64 | 54.00 | 15.36 | Average |
| 2 | 2565.760 | 28.93 | 6.58 | 4.03 | 39.54 | 54.00 | 14.47 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2452(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 20.00 | 54.70 | 74.00 | 19.30 | Peak |
| 2 | 2565.760 | 28.93 | 6.58 | 13.94 | 49.44 | 74.00 | 24.56 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

---

```
Site no.      : A/C Chamber                 Data no.  : 9
Dis. / Ant.   : 3m   3115(4927)             Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2452(802.11n-HT40)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.120 | 28.40 | 6.30 | 13.75 | 48.46 | 54.00 | 5.54 | Average |
| 2 | 2565.760 | 28.93 | 6.58 | 7.06 | 42.57 | 54.00 | 11.43 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

## 3.6.3.Restricted Bands Measurement Results

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11b, Transmit, Channel: 02, Frequency: 2412MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Horizontal dBμV | Emission Level Horizontal dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2387.280 | 28.47 | 6.33 | 11.33 | 46.13 | 74.00 | 27.87 |
| Average * | 2389.560 | 28.47 | 6.34 | 0.52 | 35.33 | 54.00 | 18.67 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2390MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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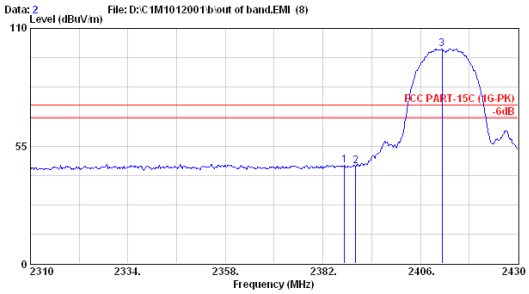


Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2412(802.11b)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2387.280 | 28.47 | 6.33 | 11.33 | 46.13 | 74.00 | 27.87 | Peak |
| 2 | 2390.040 | 28.47 | 6.34 | 10.74 | 45.56 | 74.00 | 28.44 | Peak |
| 3 | 2411.280 | 28.51 | 6.36 | 65.53 | 100.40 | 74.00 | -26.40 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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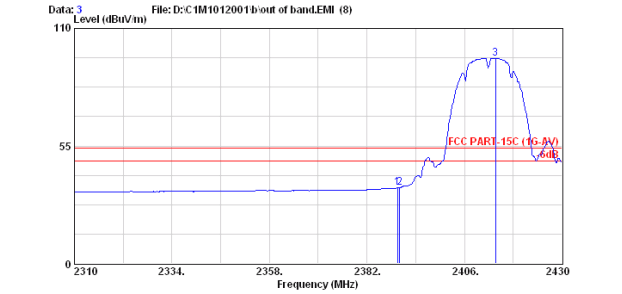


Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2412(802.11b)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2389.560 | 28.47 | 6.34 | 0.52 | 35.33 | 54.00 | 18.67 | Average |
| 2 | 2390.040 | 28.47 | 6.34 | 0.54 | 35.36 | 54.00 | 18.64 | Average |
| 3 | 2413.680 | 28.51 | 6.36 | 61.20 | 96.07 | 54.00 | -42.07 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

| | | | |
|---|---|---|---|
| Date of Test： | Dec. 10, 2010 | Temperature： | 20℃ |
| EUT： | WL-266N22-Duband | Humidity： | 48% |
| Test Mode： | 802.11b, Transmit, Channel: 02, Frequency: 2412MHz | | |

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Vertical dBμV | Emission Level Vertical dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2386.080 | 28.47 | 6.33 | 21.24 | 56.04 | 74.00 | 17.96 |
| Average * | 2387.040 | 28.47 | 6.33 | 9.41 | 44.21 | 54.00 | 9.79 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2390MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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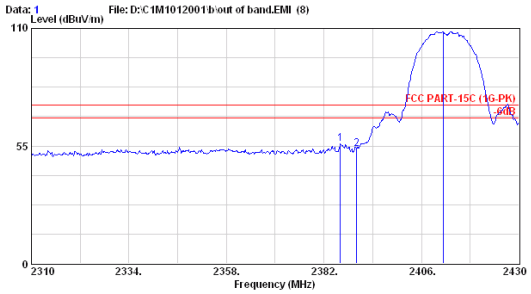


Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2412(802.11b)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2386.080 | 28.47 | 6.33 | 21.24 | 56.05 | 74.00 | 17.95 | Peak |
| 2 | 2390.040 | 28.47 | 6.34 | 18.81 | 53.63 | 74.00 | 20.37 | Peak |
| 3 | 2411.280 | 28.51 | 6.36 | 73.68 | 108.55 | 74.00 | -34.55 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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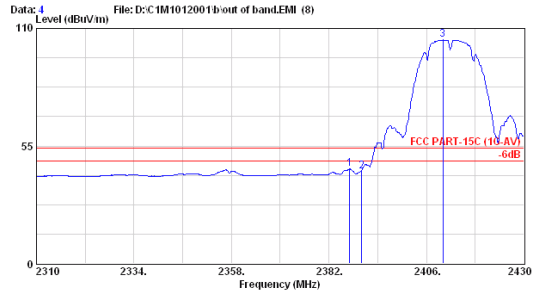


Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2412(802.11b)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2387.040 | 28.47 | 6.33 | 9.41 | 44.21 | 54.00 | 9.79 | Average |
| 2 | 2390.040 | 28.47 | 6.34 | 8.30 | 43.12 | 54.00 | 10.88 | Average |
| 3 | 2410.080 | 28.51 | 6.36 | 69.80 | 104.67 | 54.00 | -50.67 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11b, Transmit, Channel: 11, Frequency: 2462MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Horizontal dBμV | Emission Level Horizontal dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2484.320 | 28.66 | 6.45 | 13.14 | 48.25 | 74.00 | 25.75 |
| Average * | 2484.160 | 28.66 | 6.45 | 3.25 | 38.36 | 54.00 | 15.64 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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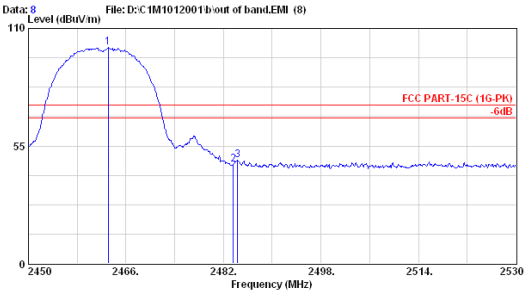


Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11b)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2463.120 | 28.62 | 6.42 | 65.89 | 100.94 | 74.00 | -26.94 | Peak |
| 2 | 2483.600 | 28.66 | 6.45 | 11.38 | 46.49 | 74.00 | 27.51 | Peak |
| 3 | 2484.320 | 28.66 | 6.45 | 13.14 | 48.25 | 74.00 | 25.75 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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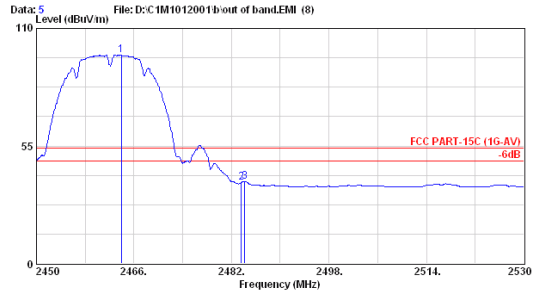


Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11b)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2463.920 | 28.62 | 6.42 | 62.60 | 97.64 | 54.00 | -43.64 | Average |
| 2 | 2483.600 | 28.66 | 6.45 | 2.71 | 37.83 | 54.00 | 16.17 | Average |
| 3 | 2484.160 | 28.66 | 6.45 | 3.25 | 38.36 | 54.00 | 15.64 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11b, Transmit, Channel: 11, Frequency: 2462MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Vertical dBμV | Emission Level Vertical dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2484.160 | 28.66 | 6.45 | 16.95 | 52.06 | 74.00 | 21.94 |
| Average * | 2484.160 | 28.66 | 6.45 | 6.74 | 41.85 | 54.00 | 12.15 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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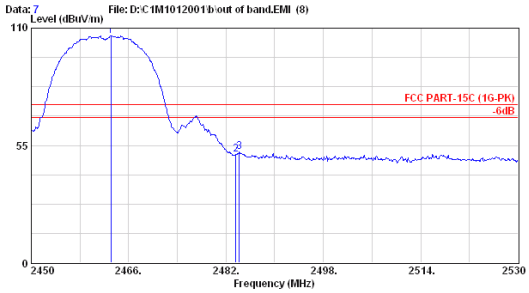


Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11b)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2463.120 | 28.62 | 6.42 | 71.49 | 106.54 | 74.00 | -32.54 | Peak |
| 2 | 2483.600 | 28.66 | 6.45 | 15.54 | 50.65 | 74.00 | 23.35 | Peak |
| 3 | 2484.160 | 28.66 | 6.45 | 16.95 | 52.06 | 74.00 | 21.94 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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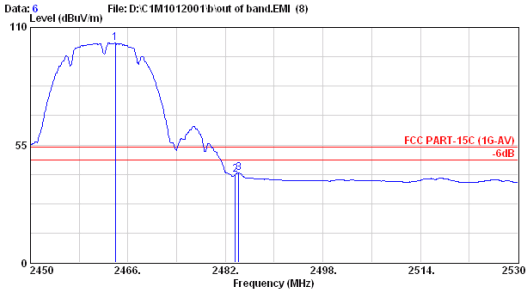


Site no. : A/C Chamber Data no. : 6
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11b)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2463.920 | 28.62 | 6.42 | 67.60 | 102.64 | 54.00 | -48.64 | Average |
| 2 | 2483.600 | 28.66 | 6.45 | 6.03 | 41.15 | 54.00 | 12.85 | Average |
| 3 | 2484.160 | 28.66 | 6.45 | 6.74 | 41.85 | 54.00 | 12.15 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11g, Transmit, Channel: 02, Frequency: 2412MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Horizontal dBμV | Emission Level Horizontal dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2360.280 | 28.40 | 6.30 | 17.18 | 51.88 | 74.00 | 22.12 |
| Average * | 2359.680 | 28.40 | 6.30 | 5.61 | 40.31 | 54.00 | 13.69 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2390MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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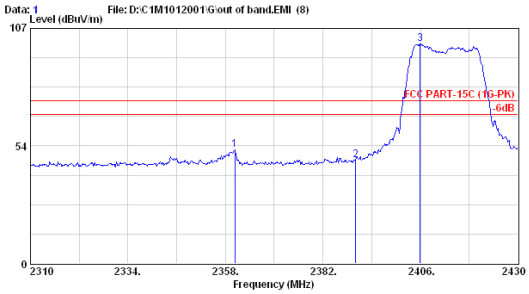


Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11g)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2360.280 | 28.40 | 6.30 | 17.18 | 51.88 | 74.00 | 22.12 | Peak |
| 2 | 2390.040 | 28.47 | 6.34 | 12.04 | 46.86 | 74.00 | 27.14 | Peak |
| 3 | 2405.880 | 28.51 | 6.36 | 65.10 | 99.97 | 74.00 | -25.97 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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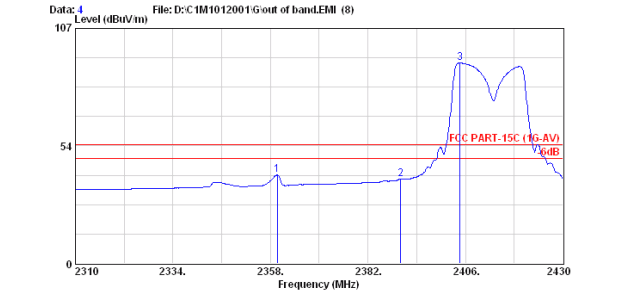


Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11g)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.680 | 28.40 | 6.30 | 5.61 | 40.31 | 54.00 | 13.69 | Average |
| 2 | 2390.040 | 28.47 | 6.34 | 3.44 | 38.26 | 54.00 | 15.74 | Average |
| 3 | 2404.680 | 28.51 | 6.36 | 56.46 | 91.33 | 54.00 | -37.33 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11g, Transmit, Channel: 02, Frequency: 2412MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Vertical dBμV | Emission Level Vertical dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2360.040 | 28.40 | 6.30 | 25.17 | 59.87 | 74.00 | 14.13 |
| Average * | 2359.680 | 28.40 | 6.30 | 12.07 | 46.77 | 54.00 | 7.23 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2390MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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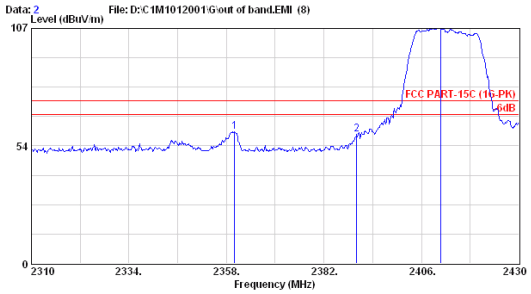


Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11g)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2360.040 | 28.40 | 6.30 | 25.17 | 59.87 | 74.00 | 14.13 | Peak |
| 2 | 2390.040 | 28.47 | 6.34 | 23.90 | 58.72 | 74.00 | 15.28 | Peak |
| 3 | 2410.680 | 28.51 | 6.36 | 72.67 | 107.54 | 74.00 | -33.54 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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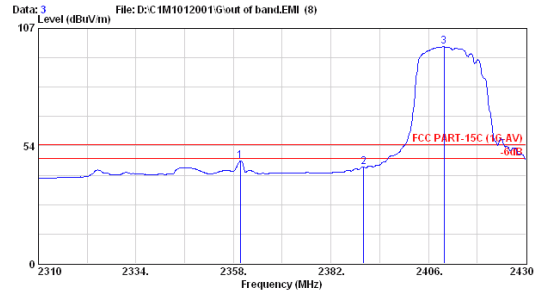


Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11g)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.680 | 28.40 | 6.30 | 12.07 | 46.77 | 54.00 | 7.23 | Average |
| 2 | 2390.040 | 28.47 | 6.34 | 9.05 | 43.87 | 54.00 | 10.13 | Average |
| 3 | 2409.840 | 28.51 | 6.36 | 63.74 | 98.61 | 54.00 | -44.61 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11g, Transmit, Channel: 11, Frequency: 2462MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Horizontal dBμV | Emission Level Horizontal dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2483.600 | 28.66 | 6.45 | 11.90 | 47.01 | 74.00 | 26.99 |
| Average * | 2483.600 | 28.66 | 6.45 | 2.07 | 37.18 | 54.00 | 16.82 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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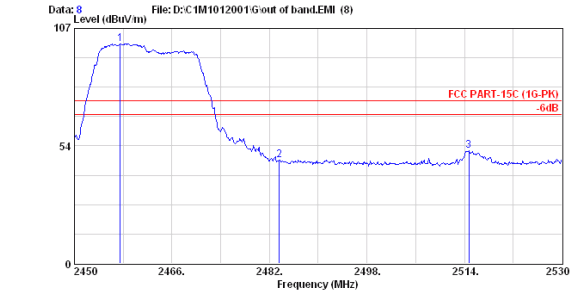


Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11g)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2457.520 | 28.62 | 6.42 | 65.09 | 100.13 | 74.00 | -26.13 | Peak |
| 2 | 2483.600 | 28.66 | 6.45 | 11.90 | 47.01 | 74.00 | 26.99 | Peak |
| 3 | 2514.720 | 28.76 | 6.49 | 15.95 | 51.19 | 74.00 | 22.81 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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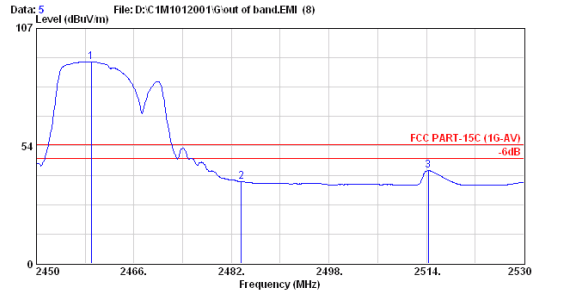


Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11g)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2458.960 | 28.62 | 6.42 | 56.79 | 91.83 | 54.00 | -37.83 | Average |
| 2 | 2483.600 | 28.66 | 6.45 | 2.07 | 37.18 | 54.00 | 16.82 | Average |
| 3 | 2514.320 | 28.76 | 6.49 | 6.95 | 42.20 | 54.00 | 11.80 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11g, Transmit, Channel: 11, Frequency: 2462MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Vertical dBμV | Emission Level Vertical dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2483.600 | 28.66 | 6.45 | 16.89 | 52.00 | 74.00 | 22.00 |
| Average * | 2483.600 | 28.66 | 6.45 | 4.60 | 39.71 | 54.00 | 14.29 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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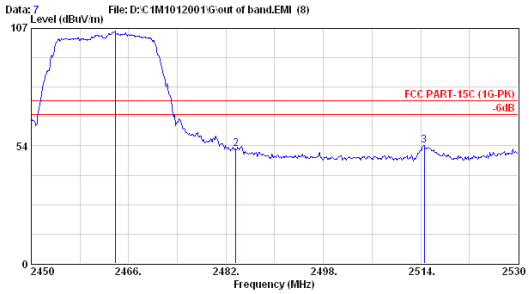


```
Site no.      : A/C Chamber                  Data no.  : 7
Dis. / Ant.   : 3m   3115(4927)              Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2463.760 | 28.62 | 6.42 | 70.60 | 105.64 | 74.00 | -31.64 | Peak |
| 2 | 2483.600 | 28.66 | 6.45 | 16.89 | 52.00 | 74.00 | 22.00 | Peak |
| 3 | 2514.560 | 28.76 | 6.49 | 18.55 | 53.79 | 74.00 | 20.21 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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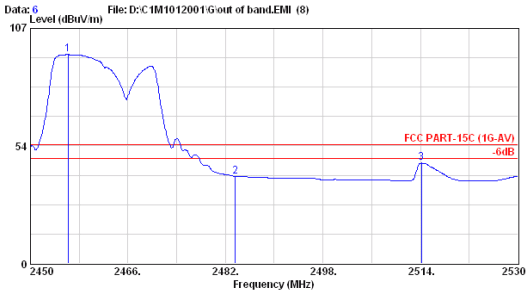


```
Site no.      : A/C Chamber                  Data no.  : 6
Dis. / Ant.   : 3m   3115(4927)              Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : N9020A 20℃/48%                        □Jarwei Wang
EUT           : WL-266N22
Power Rating  : DC 5V via USB
Test Mode     : TX2462(802.11g)
```

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2456.160 | 28.62 | 6.42 | 60.04 | 95.09 | 54.00 | -41.09 | Average |
| 2 | 2483.600 | 28.66 | 6.45 | 4.60 | 39.71 | 54.00 | 14.29 | Average |
| 3 | 2514.160 | 28.76 | 6.49 | 10.45 | 45.70 | 54.00 | 8.30 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11n-HT20, Transmit, Channel: 02, Frequency: 2412MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Horizontal dBμV | Emission Level Horizontal dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2359.680 | 28.40 | 6.30 | 17.73 | 52.43 | 74.00 | 21.57 |
| Average * | 2360.040 | 28.40 | 6.30 | 5.73 | 40.43 | 54.00 | 13.57 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2390MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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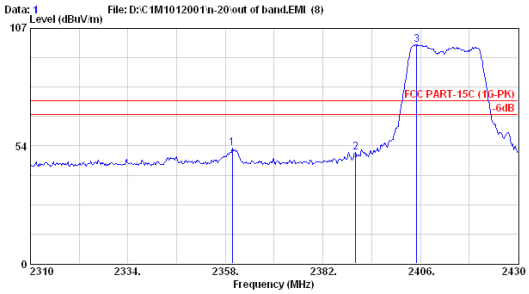


Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2412(802.11n-HT20)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.680 | 28.40 | 6.30 | 17.73 | 52.43 | 74.00 | 21.57 | Peak |
| 2 | 2390.040 | 28.47 | 6.34 | 15.55 | 50.37 | 74.00 | 23.63 | Peak |
| 3 | 2405.040 | 28.51 | 6.36 | 64.71 | 99.58 | 74.00 | -25.58 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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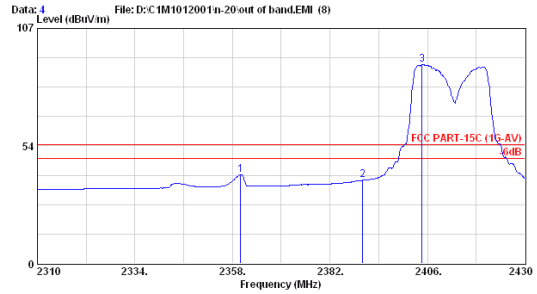


Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2412(802.11n-HT20)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2360.040 | 28.40 | 6.30 | 5.73 | 40.43 | 54.00 | 13.57 | Average |
| 2 | 2390.040 | 28.47 | 6.34 | 3.01 | 37.83 | 54.00 | 16.17 | Average |
| 3 | 2404.680 | 28.51 | 6.36 | 55.55 | 90.42 | 54.00 | -36.42 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

| | | | |
|---|---|---|---|
| Date of Test： | Dec. 10, 2010 | Temperature： | 20℃ |
| EUT： | WL-266N22-Duband | Humidity： | 48% |
| Test Mode： | 802.11n-HT20, Transmit, Channel: 02, Frequency: 2412MHz | | |

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Vertical dBμV | Emission Level Vertical dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2360.880 | 28.40 | 6.30 | 24.99 | 59.69 | 74.00 | 14.31 |
| Average * | 2359.680 | 28.40 | 6.30 | 11.52 | 46.22 | 54.00 | 7.78 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2390MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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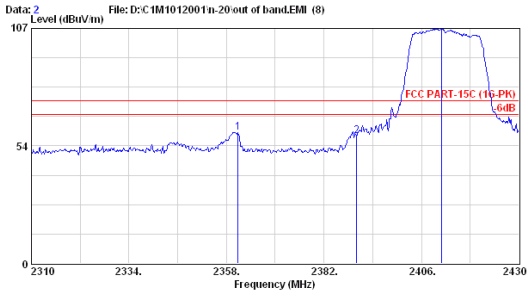


Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2412(802.11n-HT20)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2360.880 | 28.40 | 6.30 | 24.99 | 59.69 | 74.00 | 14.31 | Peak |
| 2 | 2390.040 | 28.47 | 6.34 | 23.22 | 58.04 | 74.00 | 15.96 | Peak |
| 3 | 2411.040 | 28.51 | 6.36 | 71.88 | 106.75 | 74.00 | -32.75 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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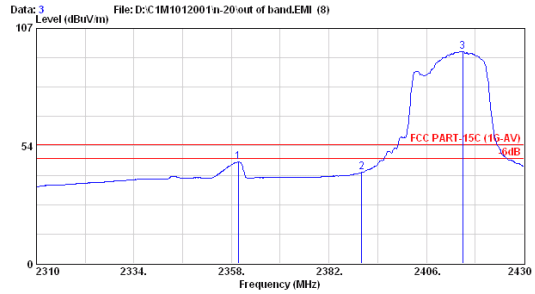


Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2412(802.11n-HT20)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2359.680 | 28.40 | 6.30 | 11.52 | 46.22 | 54.00 | 7.78 | Average |
| 2 | 2390.040 | 28.47 | 6.34 | 6.56 | 41.38 | 54.00 | 12.62 | Average |
| 3 | 2414.880 | 28.51 | 6.36 | 61.62 | 96.50 | 54.00 | -42.50 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11n-HT20, Transmit, Channel: 11, Frequency: 2462MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Horizontal dBμV | Emission Level Horizontal dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2483.760 | 28.66 | 6.45 | 14.98 | 50.09 | 74.00 | 23.91 |
| Average * | 2483.920 | 28.66 | 6.45 | 3.18 | 38.29 | 54.00 | 15.71 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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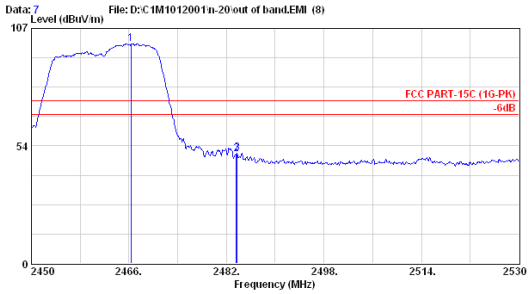


Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11n-HT20)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2466.320 | 28.62 | 6.42 | 64.95 | 99.99 | 74.00 | -25.99 | Peak |
| 2 | 2483.600 | 28.66 | 6.45 | 14.83 | 49.94 | 74.00 | 24.06 | Peak |
| 3 | 2483.760 | 28.66 | 6.45 | 14.98 | 50.09 | 74.00 | 23.91 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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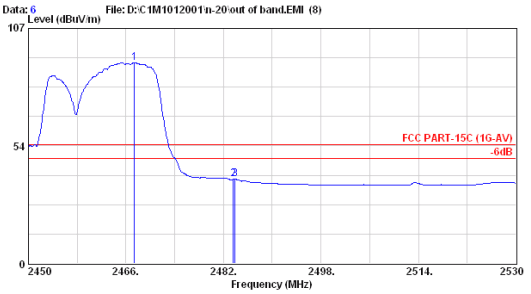


Site no. : A/C Chamber Data no. : 6
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11n-HT20)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2467.360 | 28.62 | 6.42 | 56.24 | 91.29 | 54.00 | -37.29 | Average |
| 2 | 2483.600 | 28.66 | 6.45 | 3.14 | 38.25 | 54.00 | 15.75 | Average |
| 3 | 2483.920 | 28.66 | 6.45 | 3.18 | 38.29 | 54.00 | 15.71 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

| | | | |
|---|---|---|---|
| Date of Test： | Dec. 10, 2010 | Temperature： | 20℃ |
| EUT： | WL-266N22-Duband | Humidity： | 48% |
| Test Mode： | 802.11n-HT20, Transmit, Channel: 11, Frequency: 2462MHz | | |

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Vertical dBμV | Emission Level Vertical dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2483.600 | 28.66 | 6.45 | 18.23 | 53.34 | 74.00 | 20.66 |
| Average * | 2483.600 | 28.66 | 6.45 | 6.88 | 41.99 | 54.00 | 12.01 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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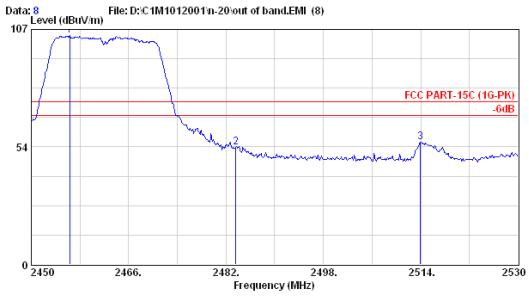


Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11n-HT20)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2456.320 | 28.62 | 6.42 | 69.24 | 104.29 | 74.00 | -30.29 | Peak |
| 2 | 2483.600 | 28.66 | 6.45 | 18.23 | 53.34 | 74.00 | 20.66 | Peak |
| 3 | 2513.920 | 28.76 | 6.49 | 20.50 | 55.74 | 74.00 | 18.26 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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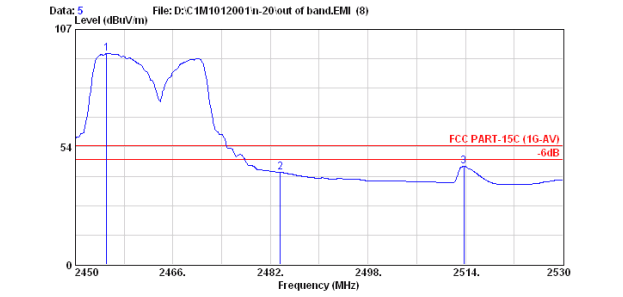


Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2462(802.11n-HT20)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2455.120 | 28.62 | 6.42 | 60.92 | 95.96 | 54.00 | -41.96 | Average |
| 2 | 2483.600 | 28.66 | 6.45 | 6.88 | 41.99 | 54.00 | 12.01 | Average |
| 3 | 2513.760 | 28.76 | 6.49 | 9.35 | 44.59 | 54.00 | 9.41 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11n-HT40, Transmit, Channel: 02, Frequency: 2422MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Horizontal dBμV | Emission Level Horizontal dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2385.460 | 28.43 | 6.33 | 16.50 | 51.26 | 74.00 | 22.74 |
| Average * | 2389.660 | 28.47 | 6.34 | 4.64 | 39.45 | 54.00 | 14.55 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2390MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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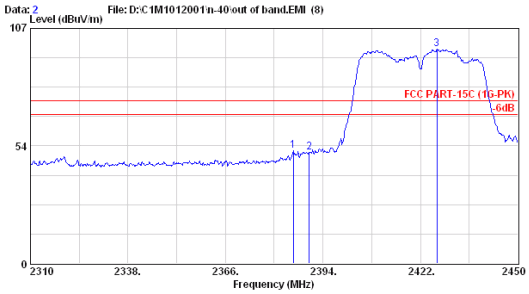


Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2422(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2385.460 | 28.43 | 6.33 | 16.50 | 51.26 | 74.00 | 22.74 | Peak |
| 2 | 2390.080 | 28.47 | 6.34 | 15.87 | 50.69 | 74.00 | 23.31 | Peak |
| 3 | 2426.760 | 28.55 | 6.38 | 62.62 | 97.56 | 74.00 | -23.56 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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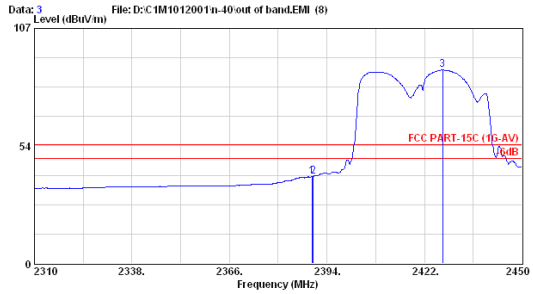


Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2422(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2389.660 | 28.47 | 6.34 | 4.64 | 39.45 | 54.00 | 14.55 | Average |
| 2 | 2390.080 | 28.47 | 6.34 | 4.78 | 39.60 | 54.00 | 14.40 | Average |
| 3 | 2427.180 | 28.55 | 6.38 | 53.16 | 88.09 | 54.00 | -34.09 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11n-HT40, Transmit, Channel: 02, Frequency: 2422MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Vertical dBμV | Emission Level Vertical dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2388.680 | 28.47 | 6.34 | 29.44 | 64.25 | 74.00 | 9.75 |
| Average * | 2389.940 | 28.47 | 6.34 | 13.79 | 48.60 | 54.00 | 5.40 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2390MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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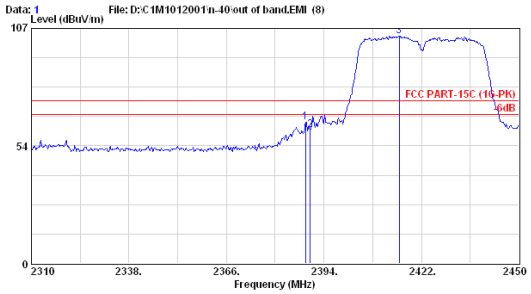


Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2422(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2388.680 | 28.47 | 6.34 | 29.44 | 64.25 | 74.00 | 9.75 | Peak |
| 2 | 2390.080 | 28.47 | 6.34 | 25.96 | 60.78 | 74.00 | 13.22 | Peak |
| 3 | 2415.560 | 28.51 | 6.36 | 68.70 | 103.57 | 74.00 | -29.57 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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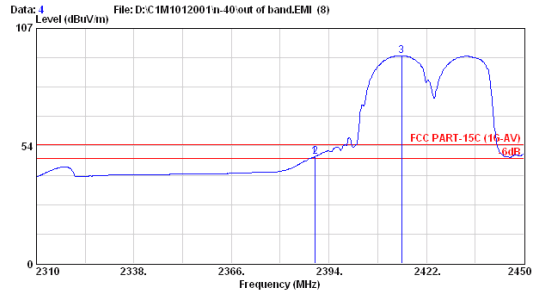


Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2422(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2389.940 | 28.47 | 6.34 | 13.79 | 48.60 | 54.00 | 5.40 | Average |
| 2 | 2390.080 | 28.47 | 6.34 | 13.92 | 48.74 | 54.00 | 5.26 | Average |
| 3 | 2414.860 | 28.51 | 6.36 | 59.72 | 94.60 | 54.00 | -40.60 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11n-HT40, Transmit, Channel: 11, Frequency: 2452MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Horizontal dBμV | Emission Level Horizontal dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2483.600 | 28.66 | 6.45 | 26.19 | 61.30 | 74.00 | 12.70 |
| Average * | 2483.700 | 28.66 | 6.45 | 10.48 | 45.59 | 54.00 | 8.41 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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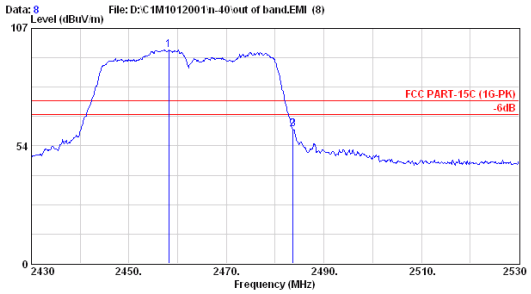


Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2452(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2458.200 | 28.62 | 6.42 | 62.14 | 97.18 | 74.00 | -23.18 | Peak |
| 2 | 2483.600 | 28.66 | 6.45 | 26.19 | 61.30 | 74.00 | 12.70 | Peak |
| 3 | 2483.700 | 28.66 | 6.45 | 25.95 | 61.06 | 74.00 | 12.94 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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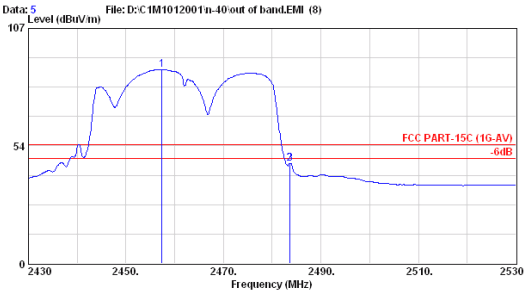


Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2452(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2457.400 | 28.62 | 6.42 | 53.22 | 88.26 | 54.00 | -34.26 | Average |
| 2 | 2483.600 | 28.66 | 6.45 | 10.38 | 45.50 | 54.00 | 8.50 | Average |
| 3 | 2483.700 | 28.66 | 6.45 | 10.48 | 45.59 | 54.00 | 8.41 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test： Dec. 10, 2010 Temperature： 20℃

EUT： WL-266N22-Duband Humidity： 48%

Test Mode： 802.11n-HT40, Transmit, Channel: 11, Frequency: 2452MHz

| | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB | Meter Reading Vertical dBμV | Emission Level Vertical dBμV/m | Limits dBμV/m | Margin dB |
|---|---|---|---|---|---|---|---|
| Peak * | 2483.600 | 28.66 | 6.45 | 35.08 | 70.19 | 74.00 | 3.81 |
| Average * | 2483.600 | 28.66 | 6.45 | 16.37 | 51.48 | 54.00 | 2.52 |

Remark ： 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. High frequency section (spurious in the restricted band 2483.5-2500MHz).
3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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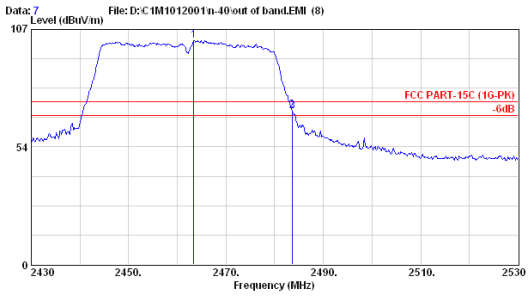


Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2452(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2463.400 | 28.62 | 6.42 | 66.97 | 102.02 | 74.00 | -28.02 | Peak |
| 2 | 2483.600 | 28.66 | 6.45 | 35.08 | 70.19 | 74.00 | 3.81 | Peak |
| 3 | 2483.700 | 28.66 | 6.45 | 34.78 | 69.89 | 74.00 | 4.11 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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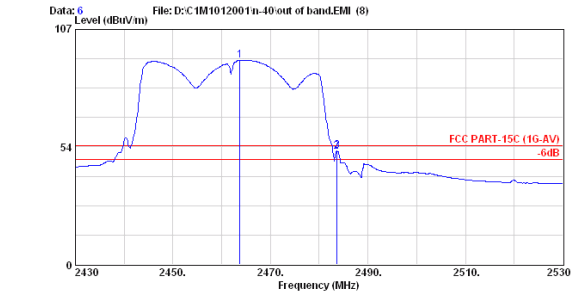



Site no. : A/C Chamber Data no. : 6
Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : N9020A 20℃/48% ☐Jarwei Wang
EUT : WL-266N22
Power Rating : DC 5V via USB
Test Mode : TX2452(802.11n-HT40)

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 2463.700 | 28.62 | 6.42 | 57.92 | 92.96 | 54.00 | -38.96 | Average |
| 2 | 2483.600 | 28.66 | 6.45 | 16.37 | 51.48 | 54.00 | 2.52 | Average |
| 3 | 2483.700 | 28.66 | 6.45 | 16.54 | 51.65 | 54.00 | 2.35 | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

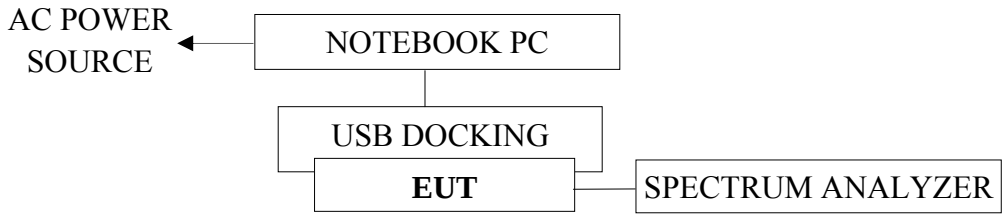
# 4. 6dB BANDWIDTH MEASUREMENT

## 4.1. Test Equipment

The following test equipment was used during the Emission Bandwidth measurement:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | N9020A | MY48011687 | Aug. 04, 10' | Aug. 03, 11' |

## 4.2. Block Diagram of Test Setup




**EUT: WL-266N22-DUBAND**

## 4.3. Specification Limits (§15.247(a)(2))

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

## 4.4. Operating Condition of EUT

The test program "Putty.exe" was used to enable the EUT to transmit data at different channel frequency individually.

## 4.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.
The measurement guideline was according to KDB 558074.

## 4.6. Test Results

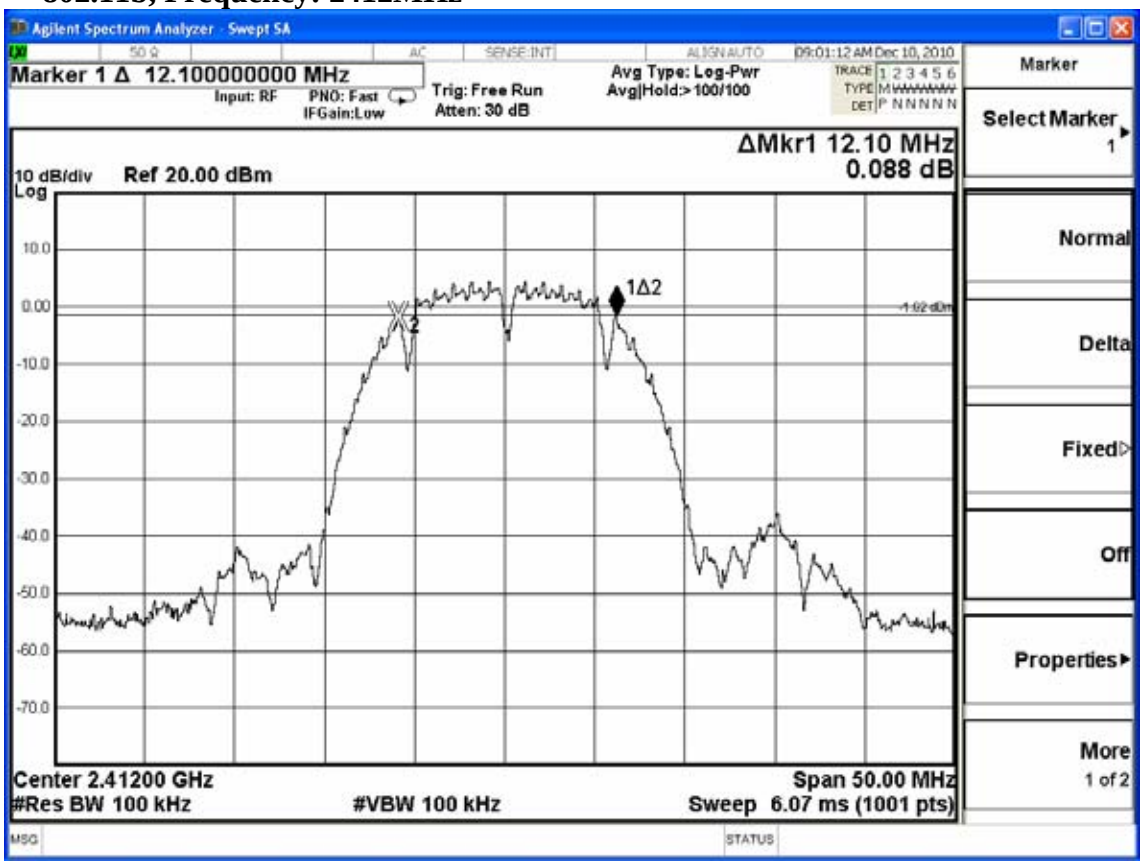
**PASSED.** All the test results are attached in next pages.

(Test Date : Dec. 10, 2010 Temperature : 20℃ Humidity : 48%)

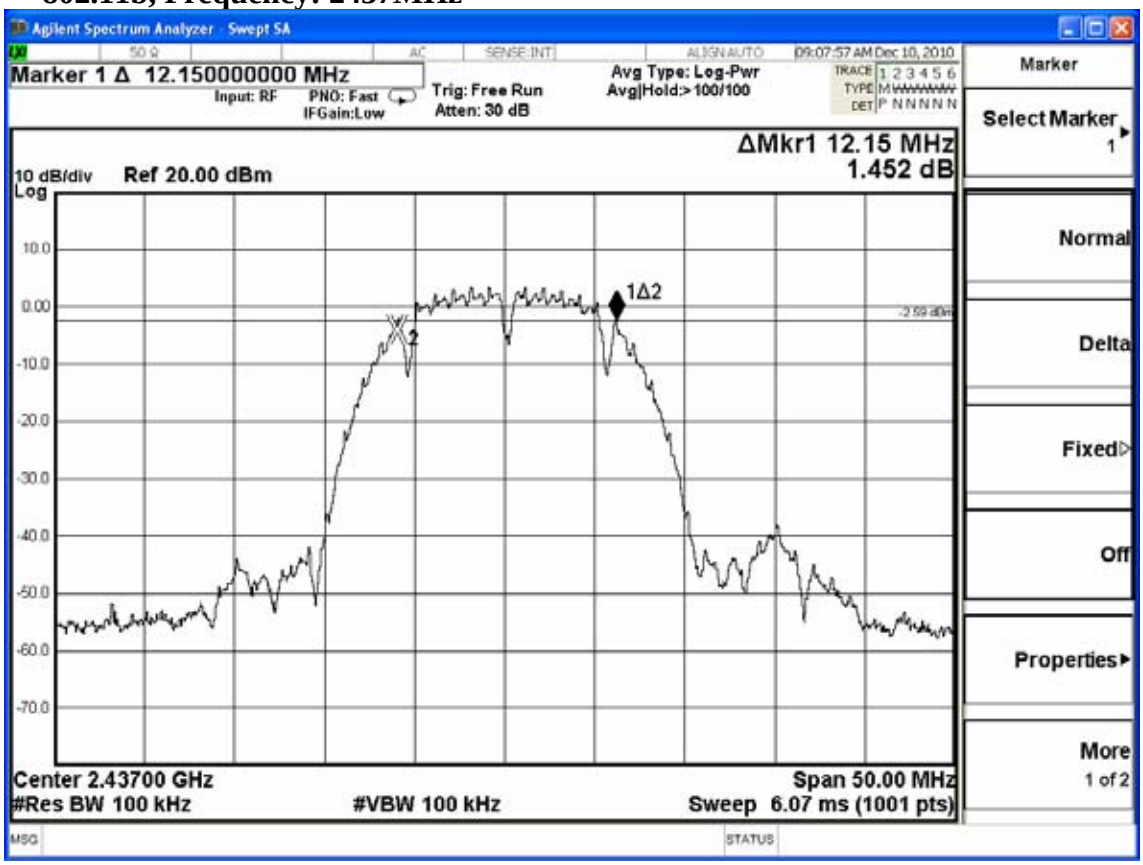
| Mode | Type of Network | Channel | Frequency | **6dB Bandwidth** |
|---|---|---|---|---|
| 1. | 802.11b | CH 1 | 2412MHz | **12.10MHz** |
| 2. | | CH 6 | 2437MHz | **12.15MHz** |
| 3. | | CH 11 | 2462MHz | **12.80MHz** |
| 4. | 802.11g | CH 1 | 2412MHz | **16.60MHz** |
| 5. | | CH 6 | 2437MHz | **16.60MHz** |
| 6. | | CH 11 | 2462MHz | **16.60MHz** |
| 7. | 802.11n-HT20 | CH 1 | 2412MHz | **17.65MHz** |
| 8. | | CH 6 | 2437MHz | **17.65MHz** |
| 9. | | CH 11 | 2462MHz | **17.65MHz** |
| 10. | 802.11n-HT40 | CH 3 | 2422MHz | **36.48MHz** |
| 11. | | CH 6 | 2437MHz | **36.48MHz** |
| 12. | | CH 9 | 2452MHz | **36.48MHz** |

**[Limit: least 500kHz]**

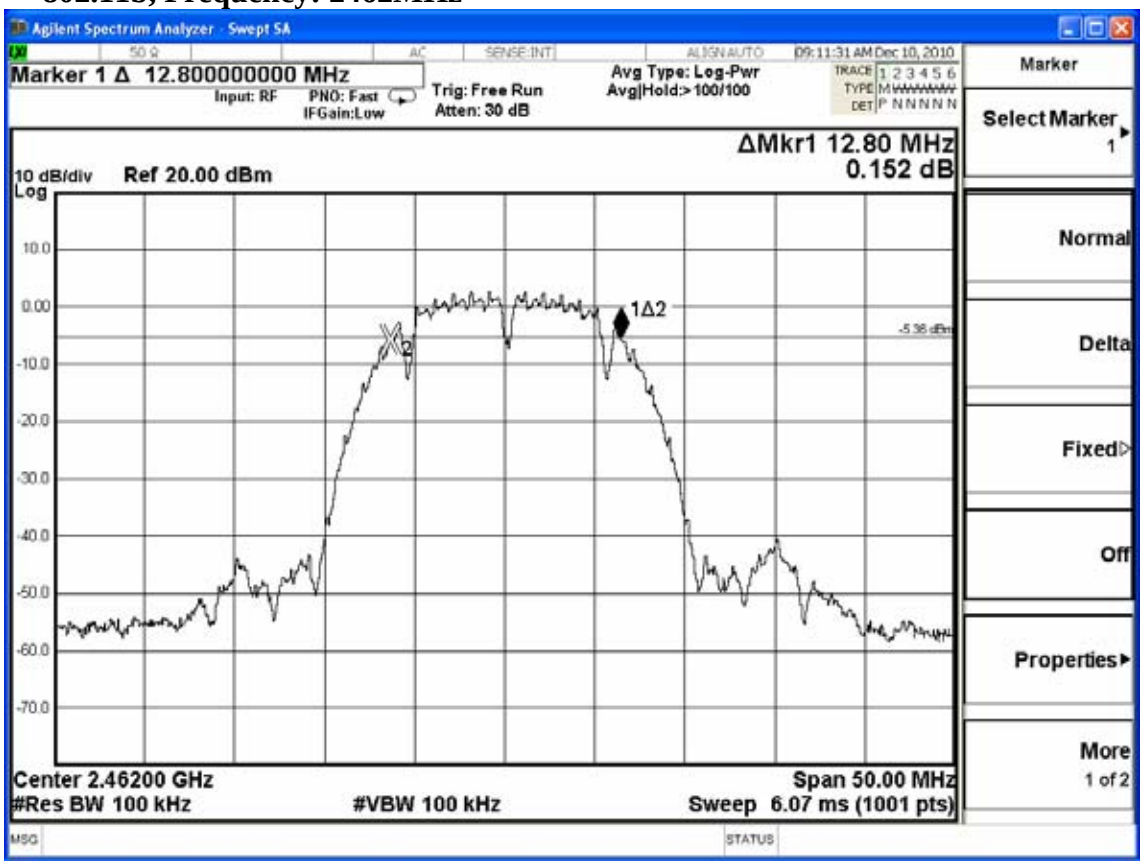
**802.11b, Frequency: 2412MHz**



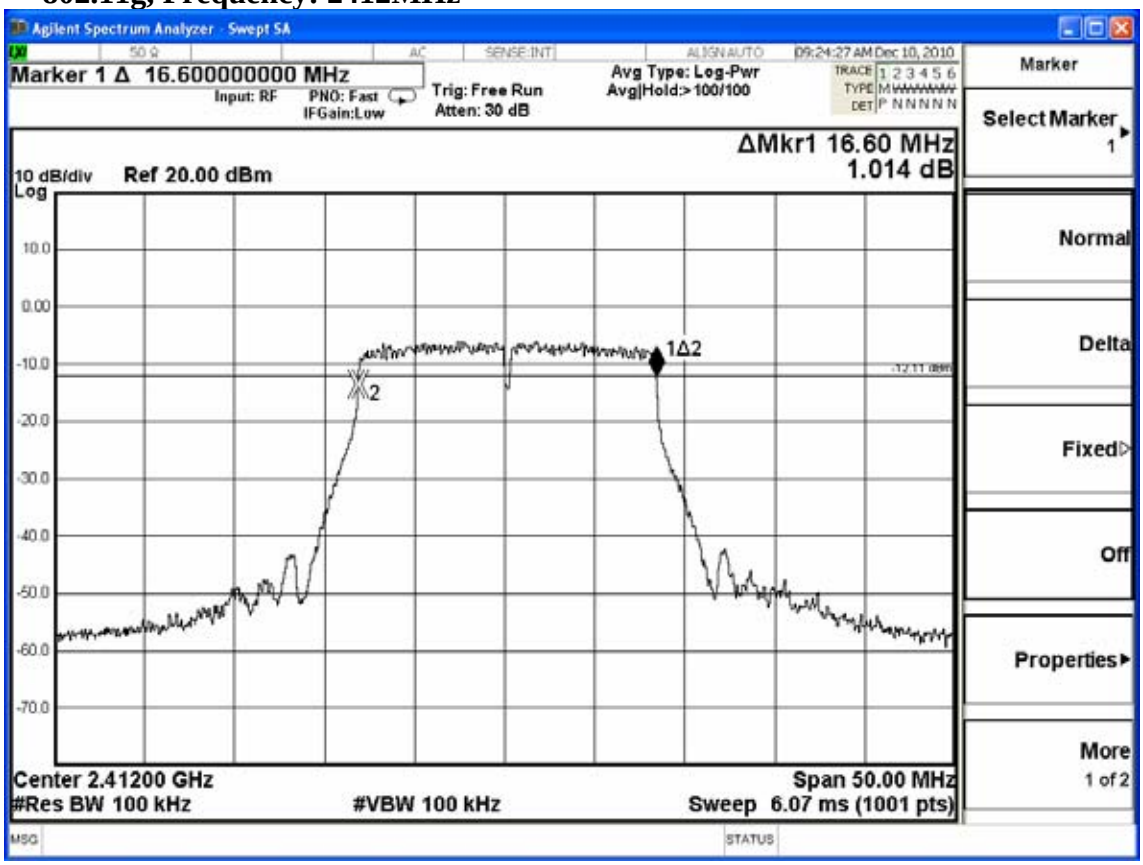

**802.11b, Frequency: 2437MHz**



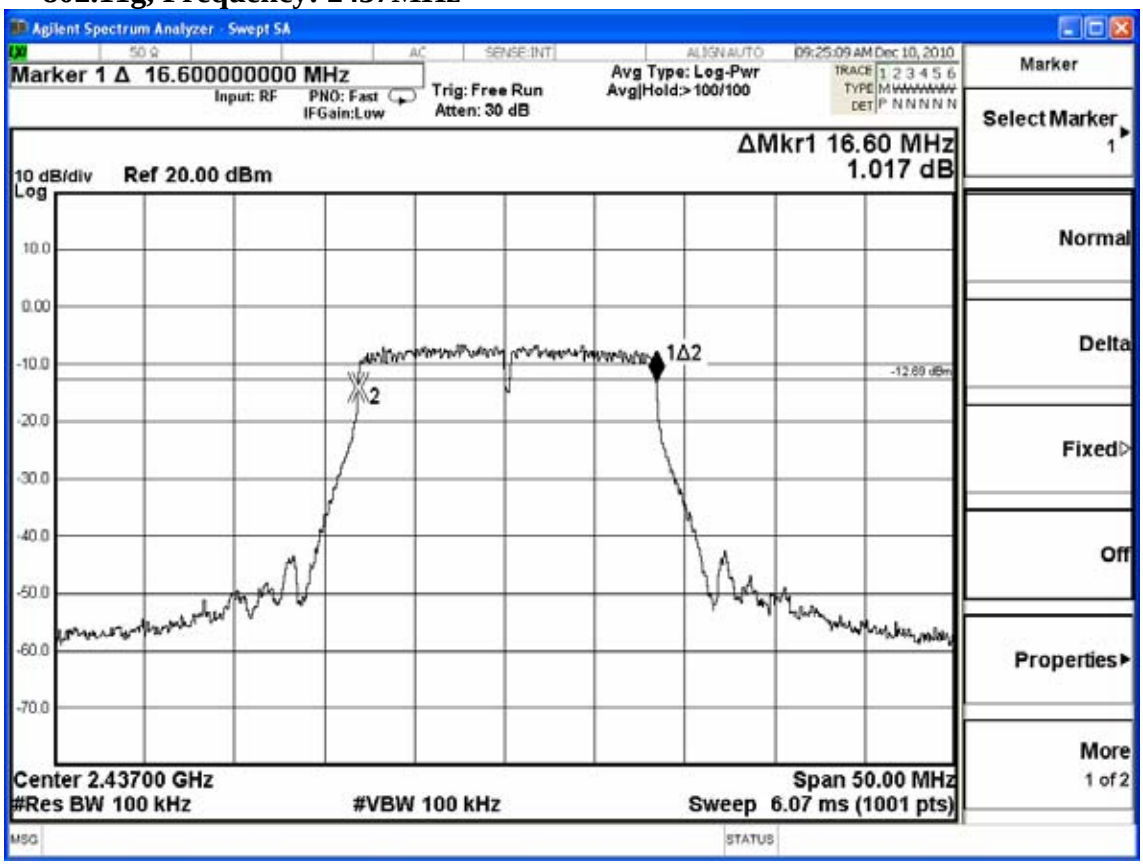
**802.11b, Frequency: 2462MHz**



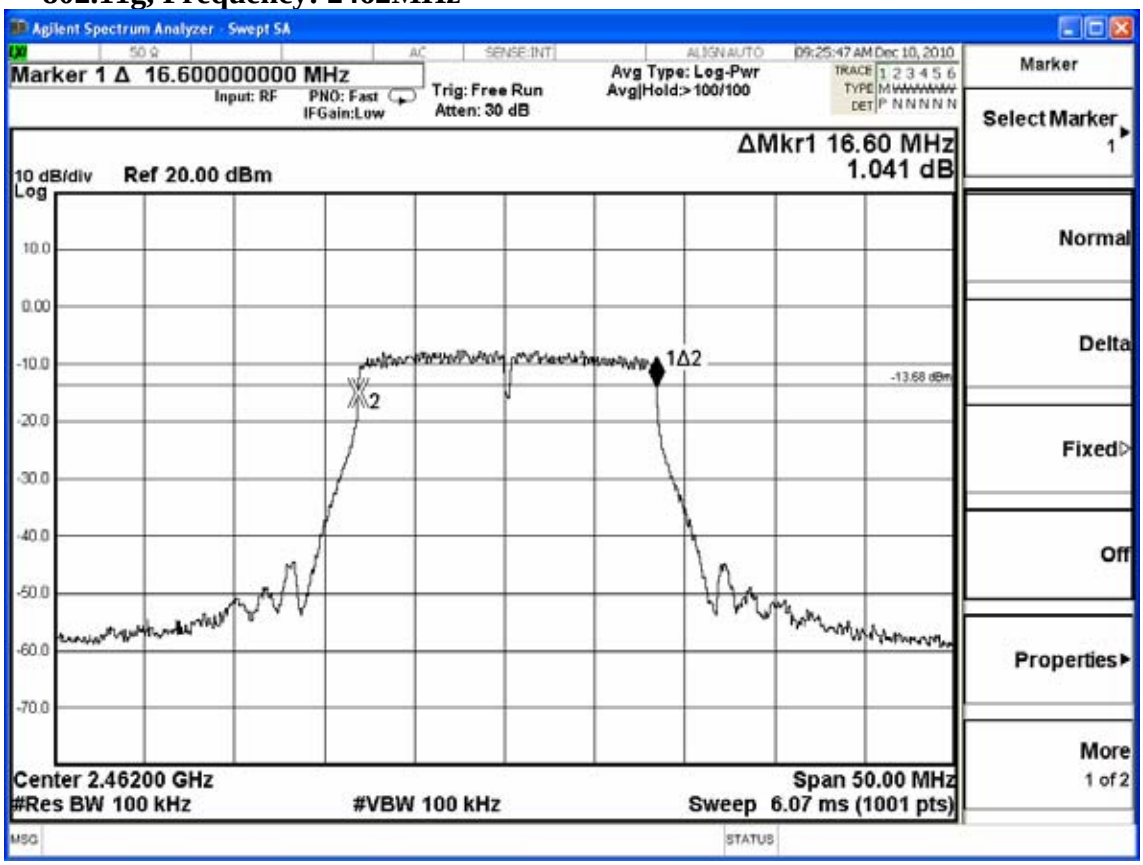

**802.11g, Frequency: 2412MHz**



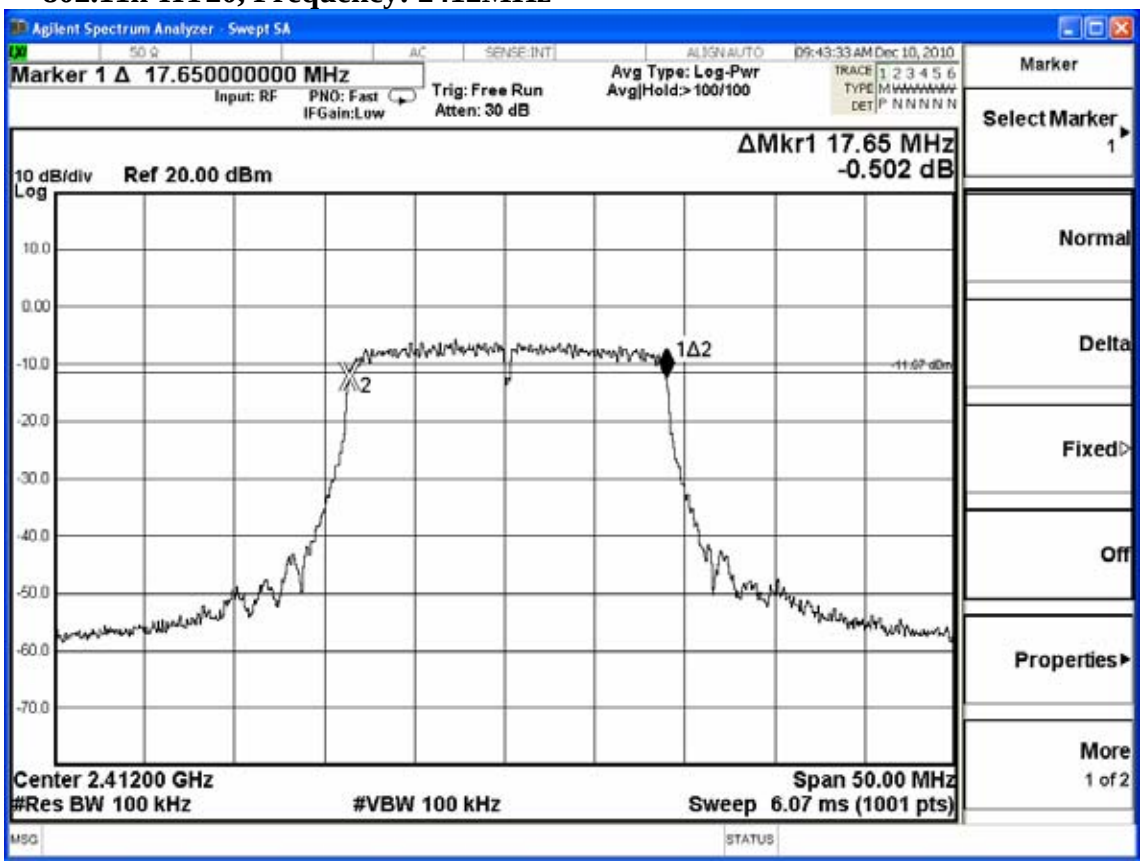
**802.11g, Frequency: 2437MHz**



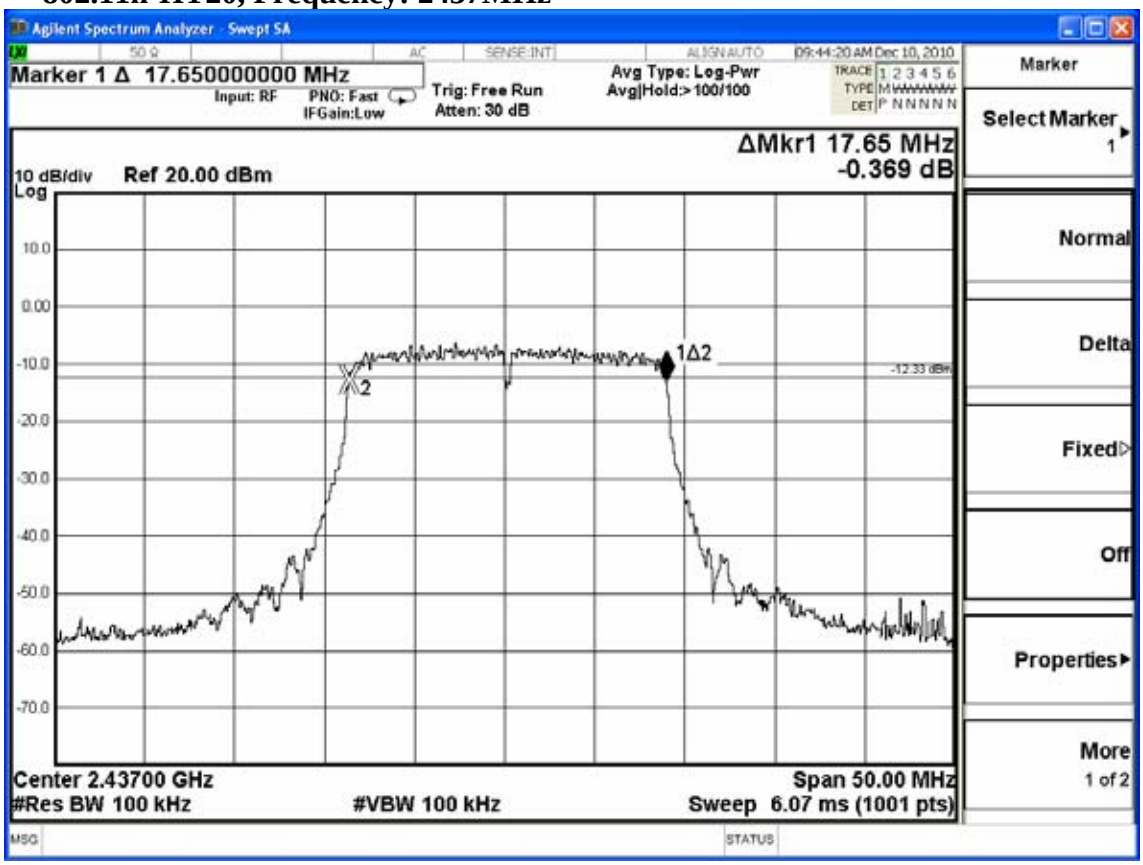

**802.11g, Frequency: 2462MHz**



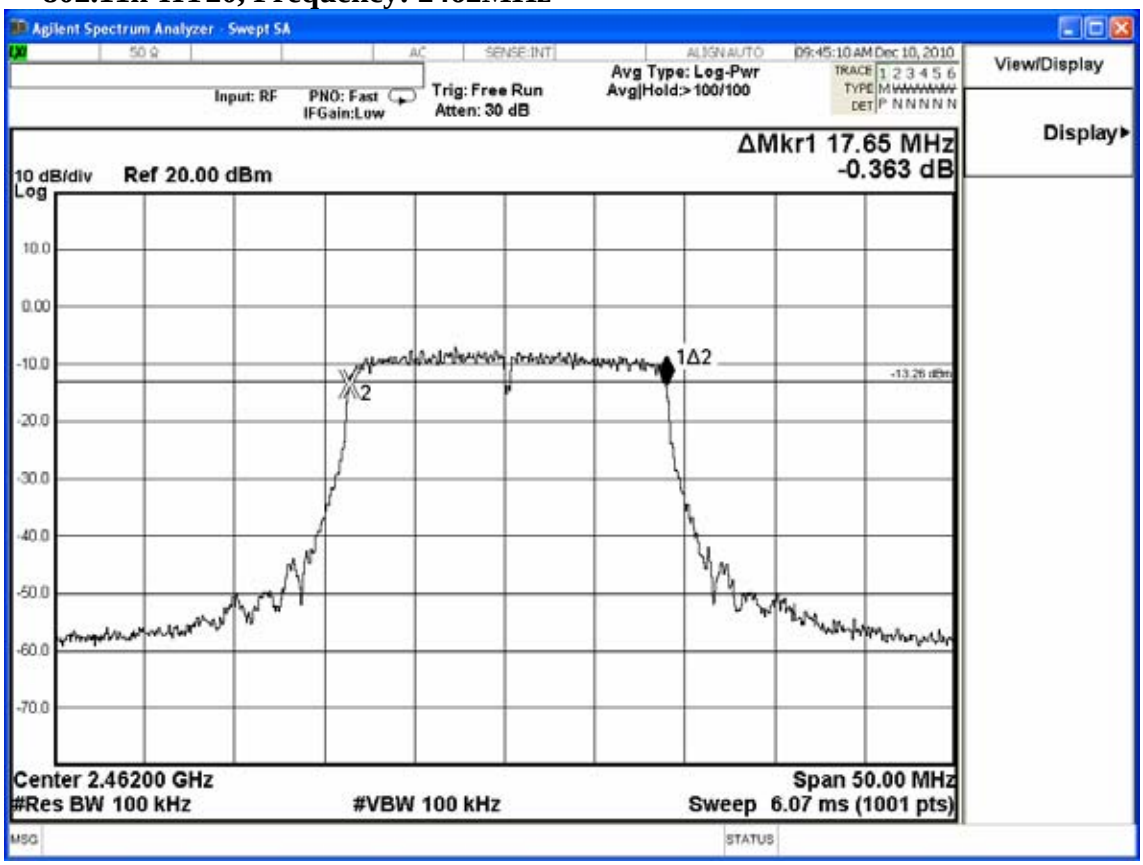
**802.11n-HT20, Frequency: 2412MHz**



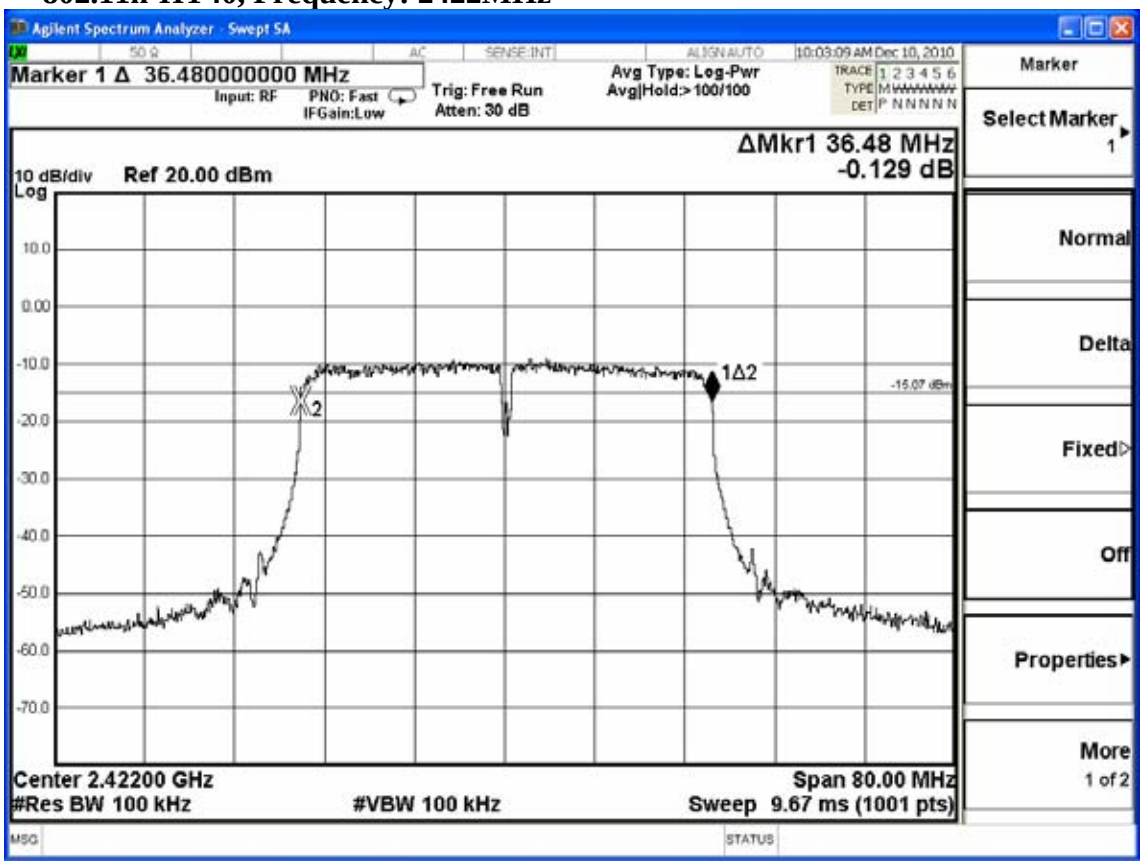

**802.11n-HT20, Frequency: 2437MHz**



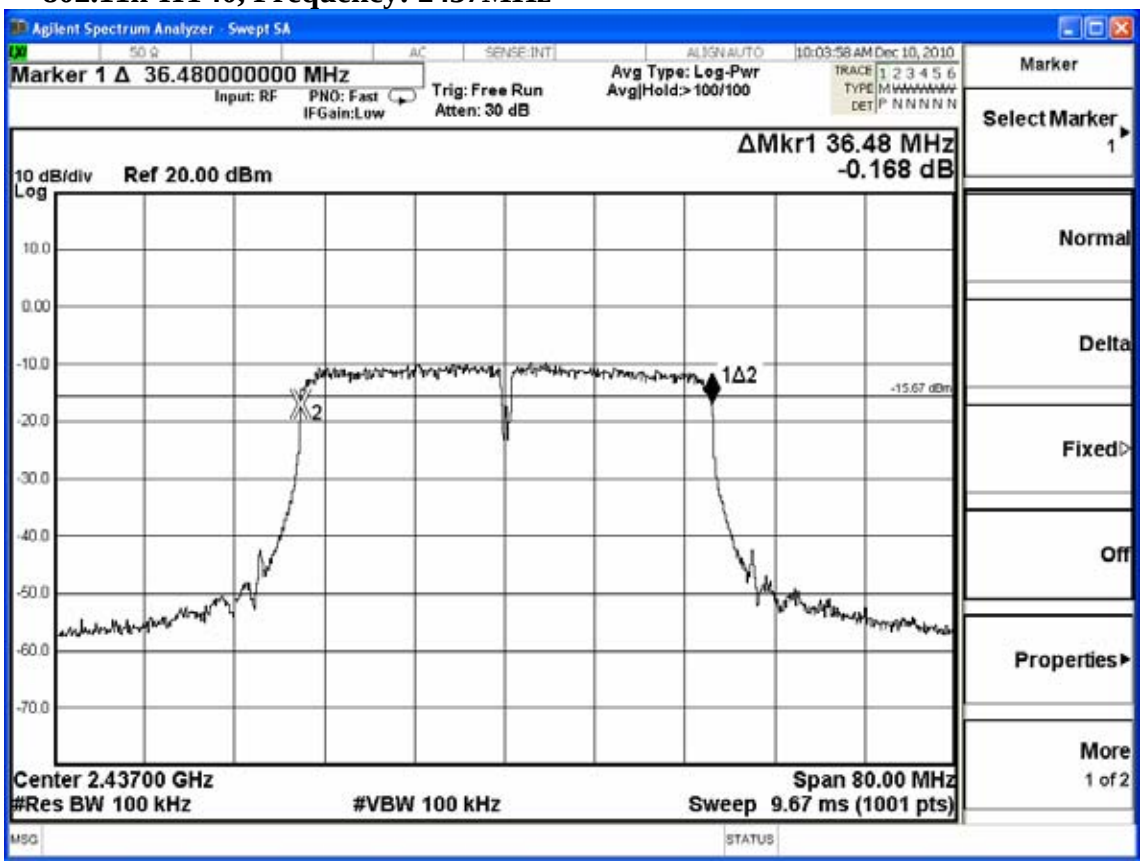
**802.11n-HT20, Frequency: 2462MHz**



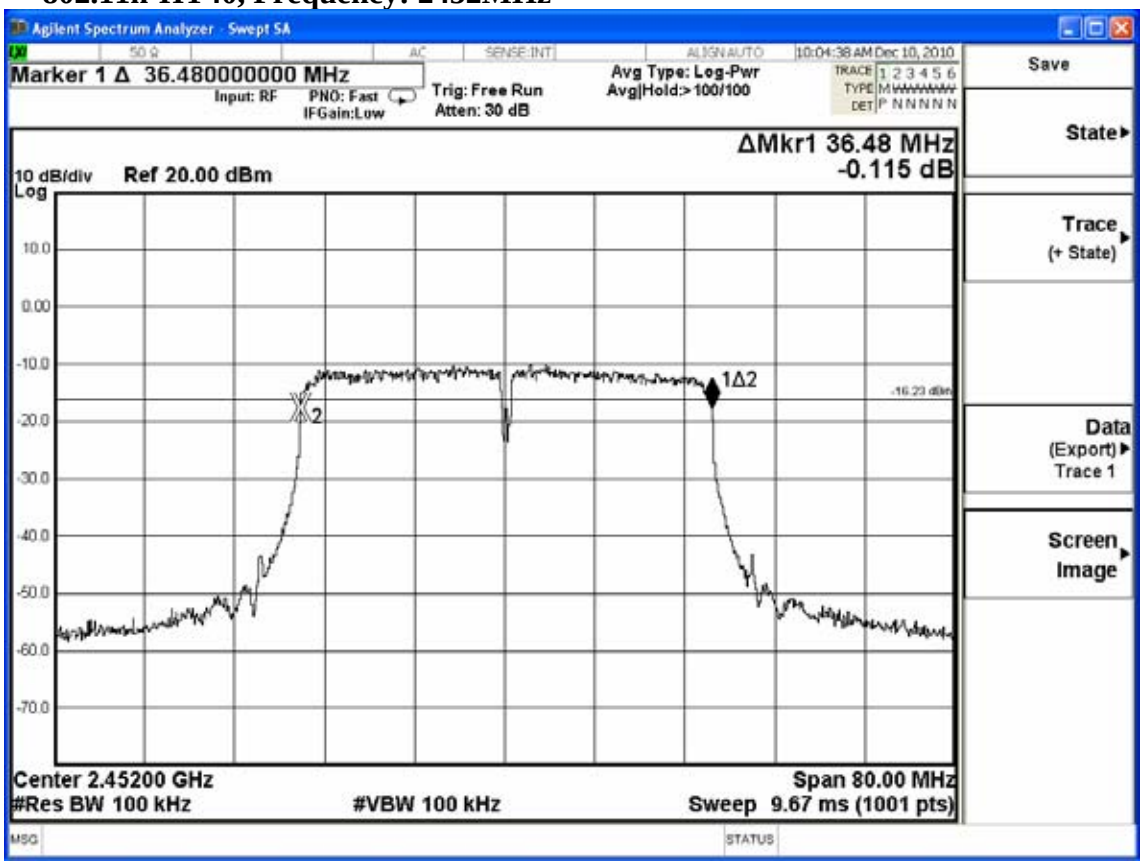

**802.11n-HT40, Frequency: 2422MHz**



**802.11n-HT40, Frequency: 2437MHz**




**802.11n-HT40, Frequency: 2452MHz**



# 5. MAXIMUM PEAK OUTPUT POWER MEASUREMENT

## 5.1. Test Equipment

The following test equipment was used during the maximum peak output power measurement:

5.1.1.For 802.11b/802.11g/802.11n-HT20

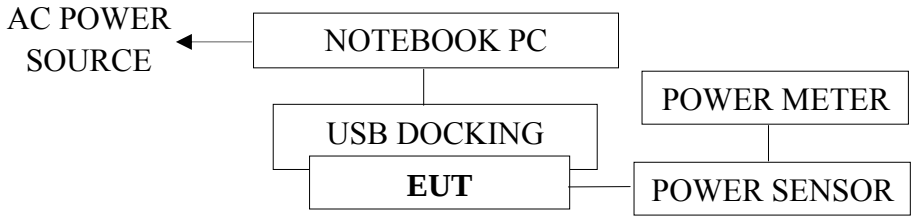
| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Power Meter | Anritsu | ML2487A | 6K00005406 | Feb. 11, 10’ | Feb. 10, 11’ |
| 2. | Power Sensor | Anritsu | MA2491A | 030873 | Feb. 11, 10’ | Feb. 10, 11’ |

5.1.2.For 802.11n-HT40

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | N9020A | MY48011687 | Aug. 04, 10’ | Aug. 03, 11’ |

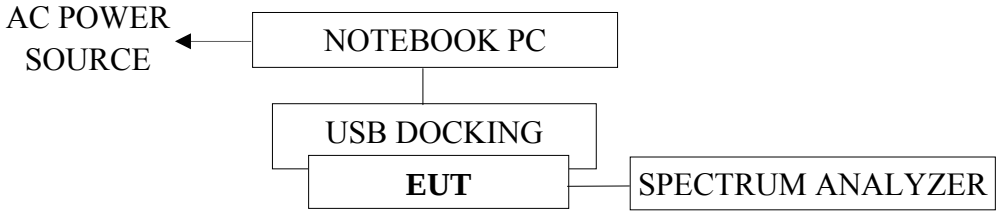
## 5.2. Block Diagram of Test Setup

5.2.1. For 802.11b/802.11g/802.11n-HT20




**EUT: WL-266N22-DUBAND**

5.2.2. For 802.11n-HT40




**EUT: WL-266N22-DUBAND**

## 5.3. Specification Limits (§15.247(b)-(3))

The Limits of maximum Peak Output Power for digital modulation in 2400-2483.5MHz is : 1Watt. (30dBm)

## 5.4. Operating Condition of EUT

The test program "Putty.exe" was used to enable the EUT to transmit data at different channel frequency individually.

## 5.5. Test Procedure

### 5.5.1. For 802.11b/802.11g/802.11n-HT20

The EUT connected to power meter and sensor and record the peak value.

### 5.5.2. For 802.11n-HT40

Setting the spectrum span to encompass the EBW, RBW=1MHz and VBW=3MHz. Compute power by integrating the spectrum across the 26 dB EBW of the signal.
The measurement guideline was according to KDB 558074.

## 5.6. Test Results

**PASSED.** All the test results are listed below.

(Test Date : Dec. 10, 2010 Temperature : 20℃ Humidity : 48%)

### 5.6.1. For 802.11b

| Mode | Type of Network | Channel | Frequency | **Peak Output Power (dBm)** | Power Setting |
|---|---|---|---|---|---|
| 1. | 802.11b | CH 1 | 2412MHz | **19.35** | 0c |
| 2. | | CH 6 | 2437MHz | **18.78** | 0c |
| 3. | | CH 11 | 2462MHz | **17.95** | 0c |

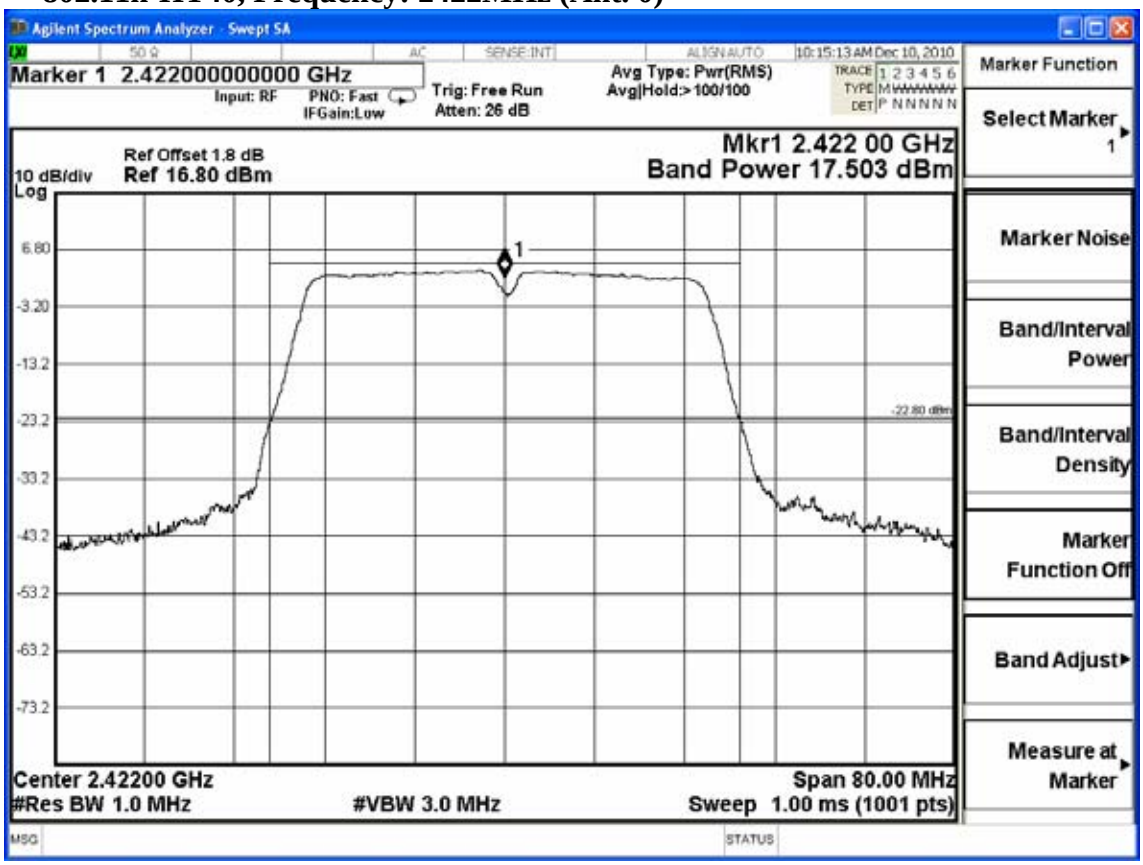
**[Limit: 1Watt. (30dBm)]**

### 5.6.2. For 802.11g/802.11n-HT20/802.11n-HT40

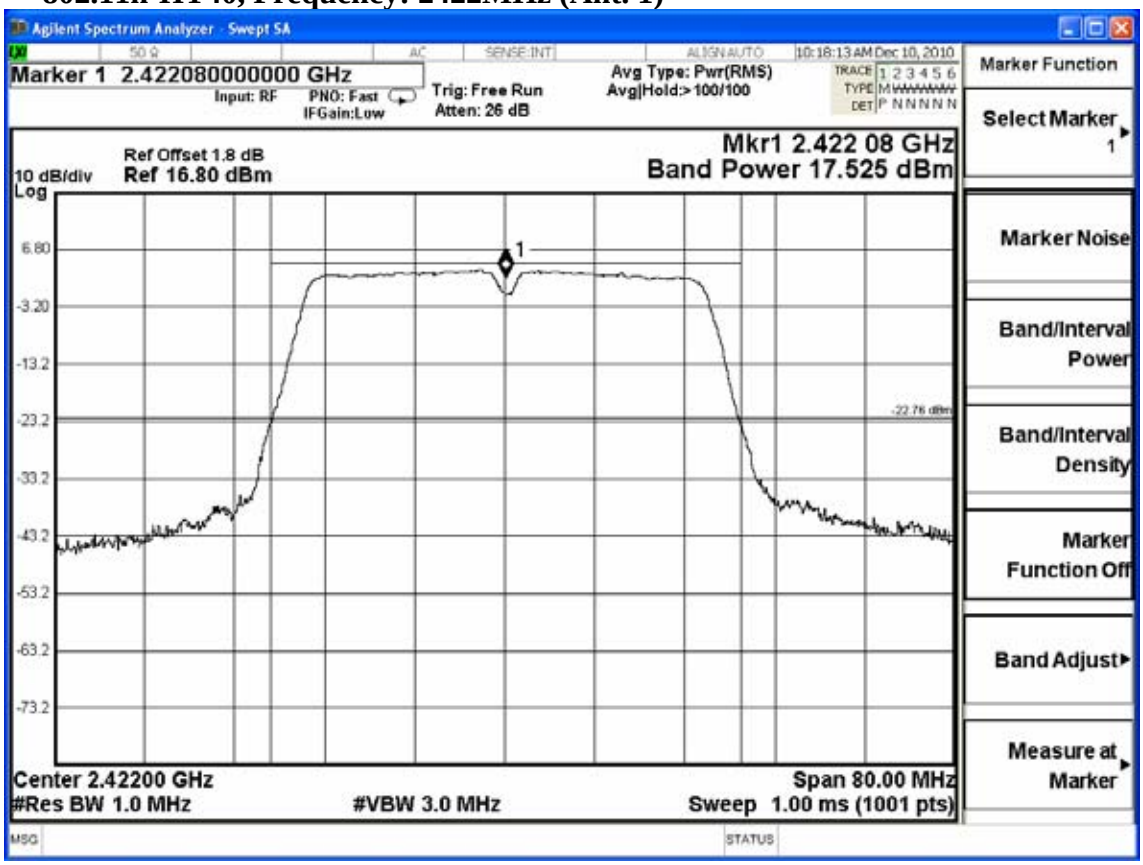
| Mode | Type of Network | Channel | Frequency | **Peak output power(dBm)** | | **Total Peak Output Power (dBm)** | Power Setting |
|---|---|---|---|---|---|---|---|
| | | | | **Ant.0** | **Ant.1** | | |
| 1. | 802.11g | CH 1 | 2412MHz | **20.65** | **19.98** | **23.34** | 05 |
| 2. | | CH 6 | 2437MHz | **19.91** | **19.65** | **22.79** | 05 |
| 3. | | CH 11 | 2462MHz | **19.04** | **19.11** | **22.09** | 05 |
| 4. | 802.11n-HT20 | CH 1 | 2412MHz | **19.65** | **19.86** | **22.77** | 05 |
| 5. | | CH 6 | 2437MHz | **19.27** | **19.52** | **22.41** | 05 |
| 6. | | CH 11 | 2462MHz | **18.65** | **18.81** | **21.74** | 05 |
| 7. | 802.11n-HT40 | CH 3 | 2422MHz | **17.503** | **17.525** | **20.52** | 05 |
| 8. | | CH 6 | 2437MHz | **17.059** | **17.078** | **20.08** | 05 |
| 9. | | CH 9 | 2452MHz | **16.512** | **16.614** | **19.57** | 05 |

**[Limit: 1Watt. (30dBm)]**

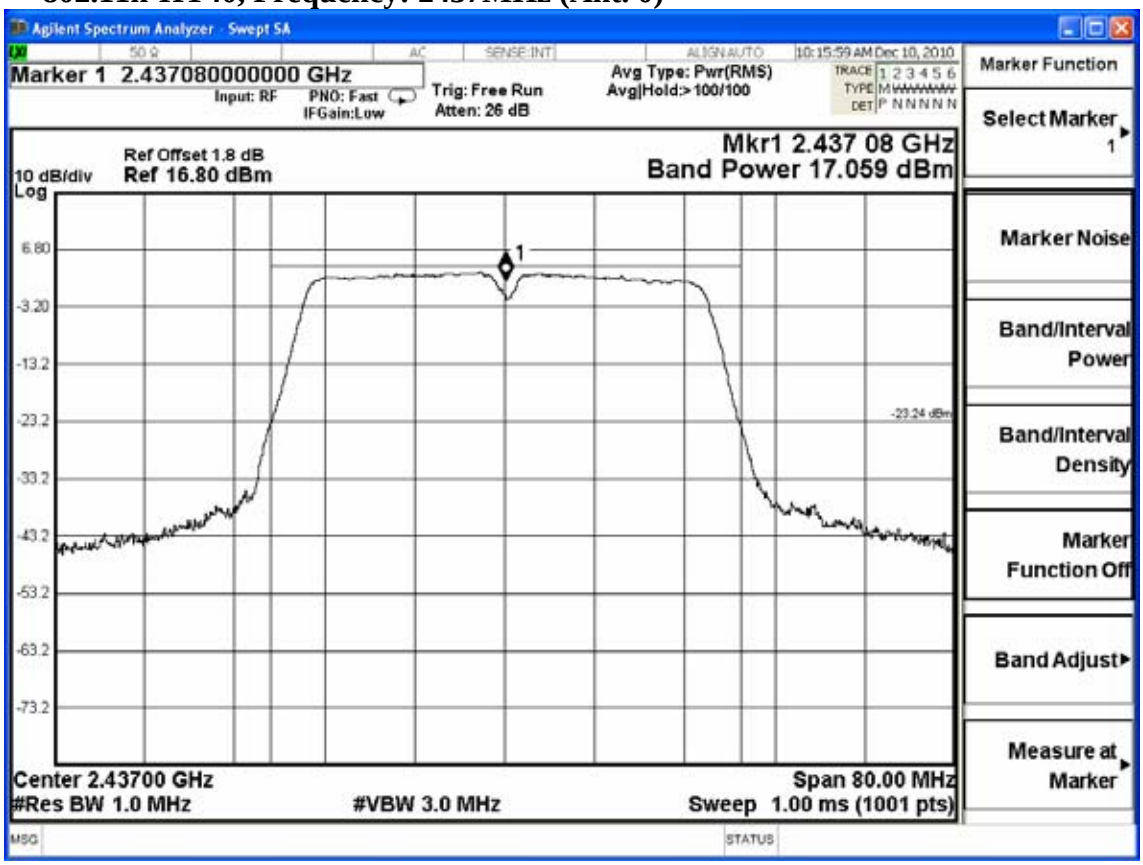
**802.11n-HT40, Frequency: 2422MHz (Ant. 0)**



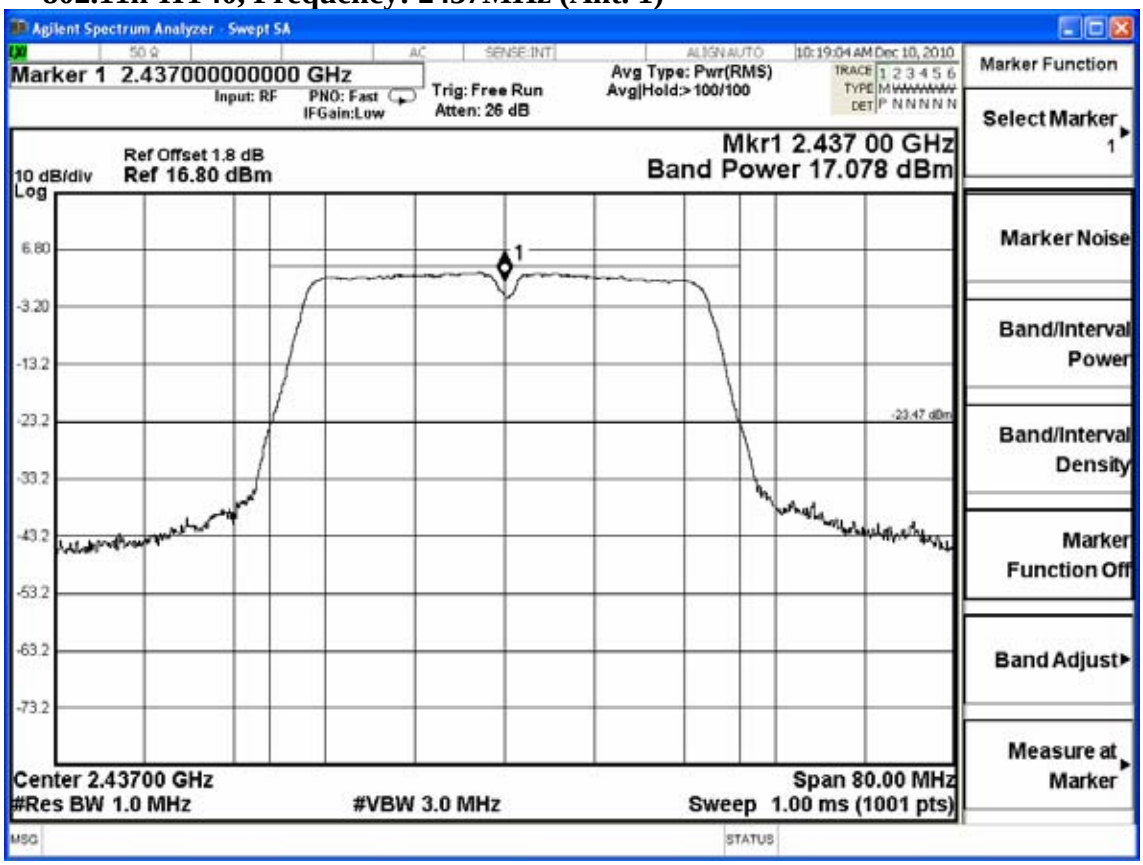

**802.11n-HT40, Frequency: 2422MHz (Ant. 1)**



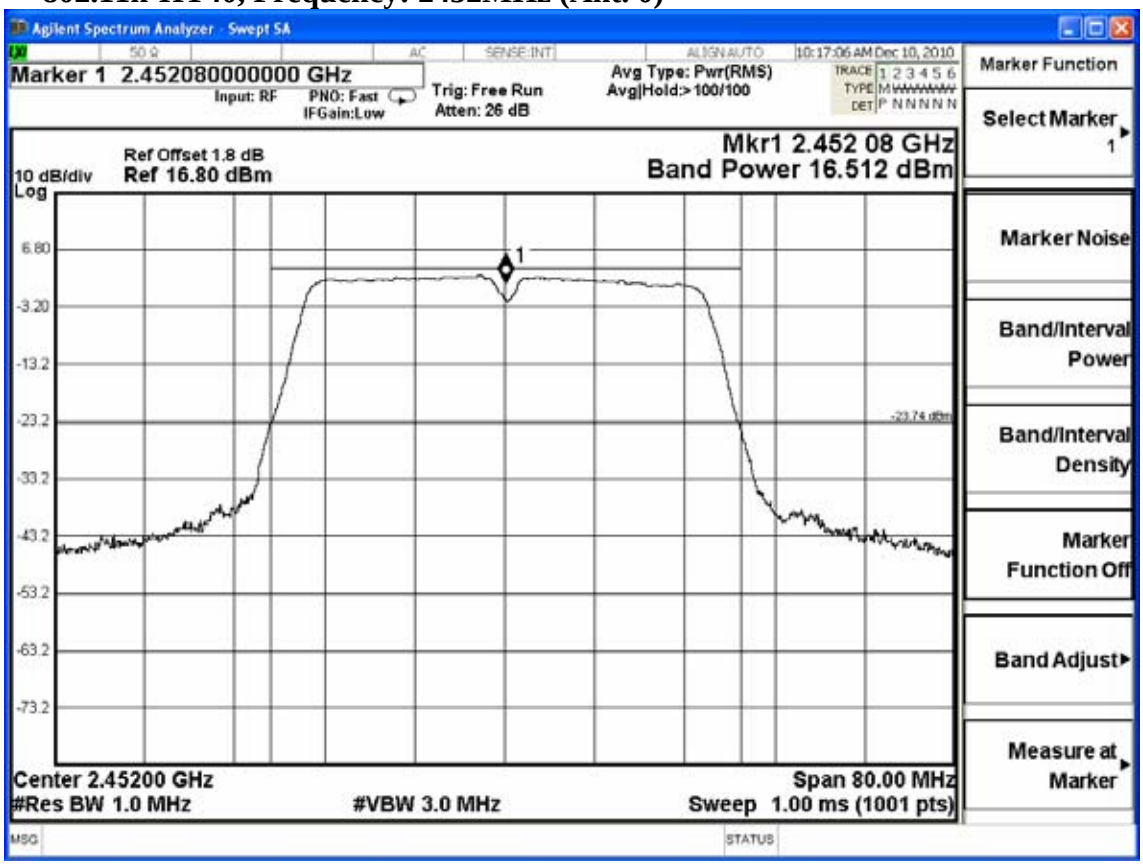
**802.11n-HT40, Frequency: 2437MHz (Ant. 0)**



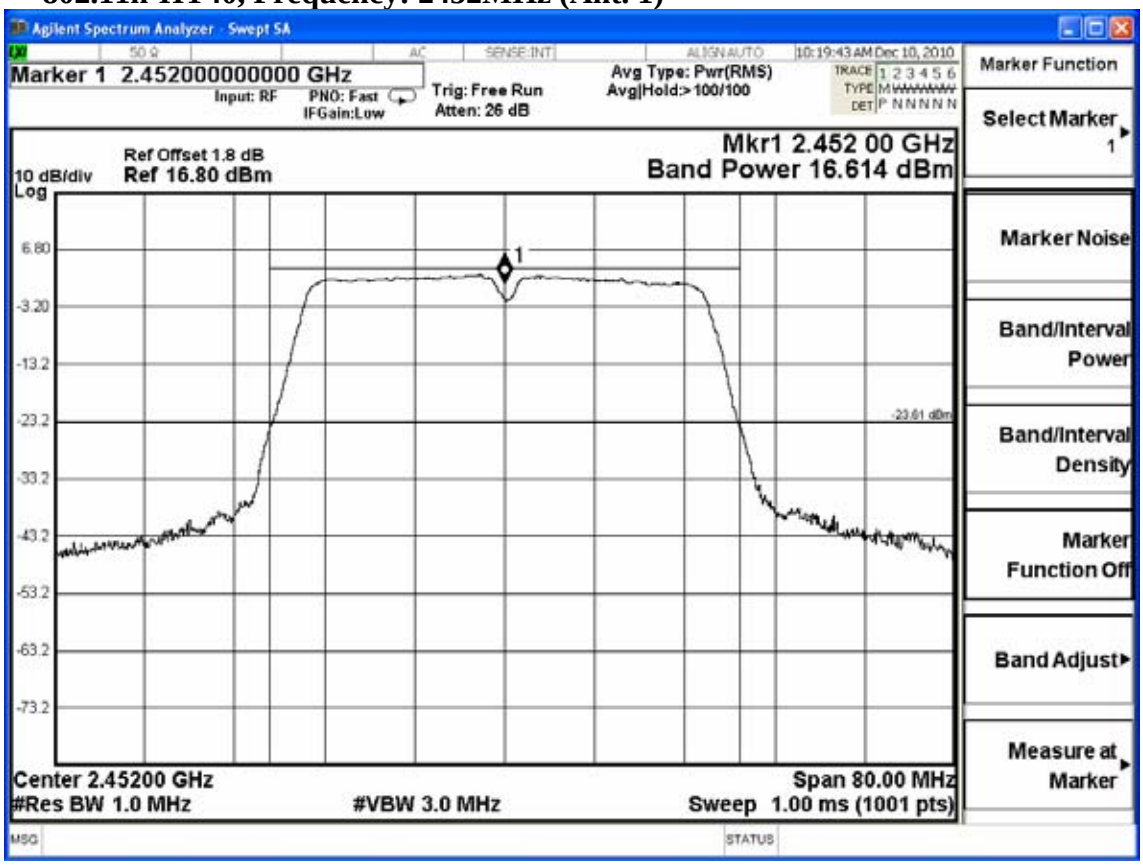

**802.11n-HT40, Frequency: 2437MHz (Ant. 1)**



**802.11n-HT40, Frequency: 2452MHz (Ant. 0)**




**802.11n-HT40, Frequency: 2452MHz (Ant. 1)**



# 6. EMISSION LIMITATIONS MEASUREMENT

## 6.1. Test Equipment

The following test equipment was used during the emission limitations test：

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | N9020A | MY48011687 | Aug. 04, 10’ | Aug. 03, 11’ |

## 6.2. Block Diagram of Test Setup

The same as section.4.2.

## 6.3. Specification Limits (§15.247(c))

In any 100kHz 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 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (See Section 15.205(c)).(※ This test result attaching to §3.6.3)

## 6.4. Operating Condition of EUT

The test program “Putty.exe” was used to enable the EUT to transmit data at different channel frequency individually.

## 6.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW.
The measurement guideline was according to KDB 558074.

## 6.6. Test Results

**PASSED.** The testing data was attached in the next pages.

(Test Date : Dec. 10, 2010 Temperature : 20℃ Humidity : 48%)

**802.11b**

2412MHz: During 30MHz~25GHz bandwidth. In the 3.256GHz, the -49.547dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 3.251GHz, the –52.541dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 3.276GHz, the –52.284dBm is max value that is lower than 20dB of primary channel.

**802.11g**

2412MHz: During 30MHz~25GHz bandwidth. In the 3.226GHz, the –48.930dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 3.251GHz, the –51.371dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 3.276GHz, the –53.260dBm is max value that is lower than 20dB of primary channel.

**802.11n-,HT20**

2412MHz: During 30MHz~25GHz bandwidth. In the 3.226GHz, the –47.854dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 3.251GHz, the –51.129dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 3.276GHz, the –54.791dBm is max value that is lower than 20dB of primary channel.

**802.11n-HT40**

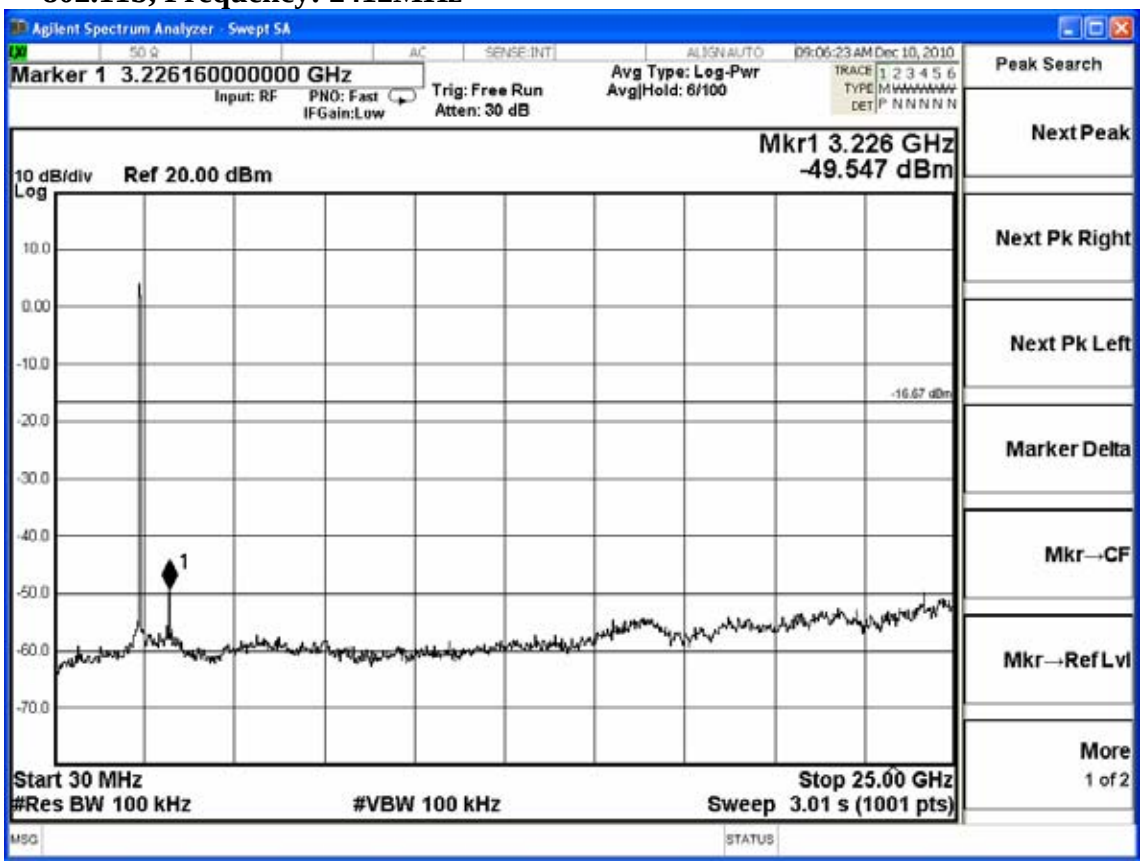
2422MHz: During 30MHz~25GHz bandwidth. In the 3.226GHz, the –50.162dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 3.251GHz, the –52.222dBm is max value that is lower than 20dB of primary channel.

2452MHz: During 30MHz~25GHz bandwidth. In the 3.276GHz, the –54.675dBm is max value that is lower than 20dB of primary channel.

Note: The peak above the limit line is the carrier frequency.

**802.11b, Frequency: 2412MHz**




**802.11b, Frequency: 2437MHz**

**802.11b, Frequency: 2462MHz**


**802.11g, Frequency: 2412MHz**

**802.11g, Frequency: 2437MHz**

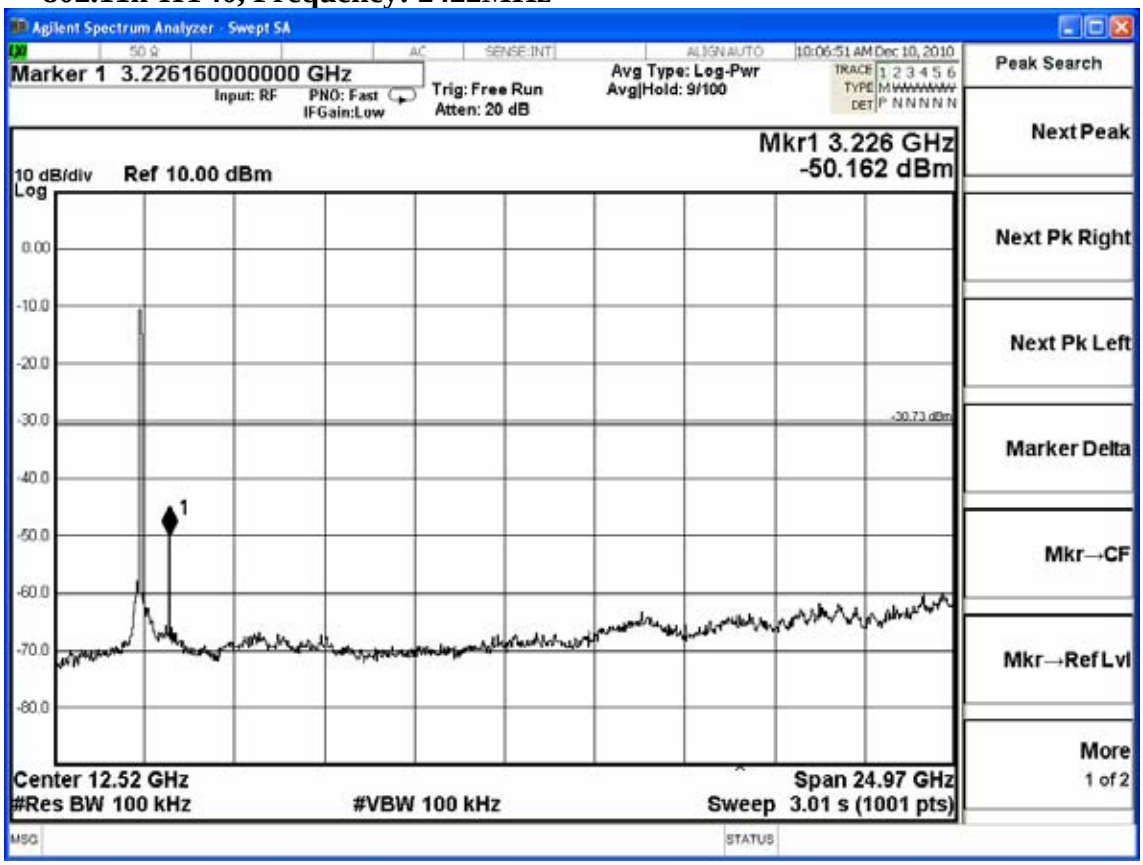

**802.11g, Frequency: 2462MHz**

**802.11n-HT20, Frequency: 2412MHz**

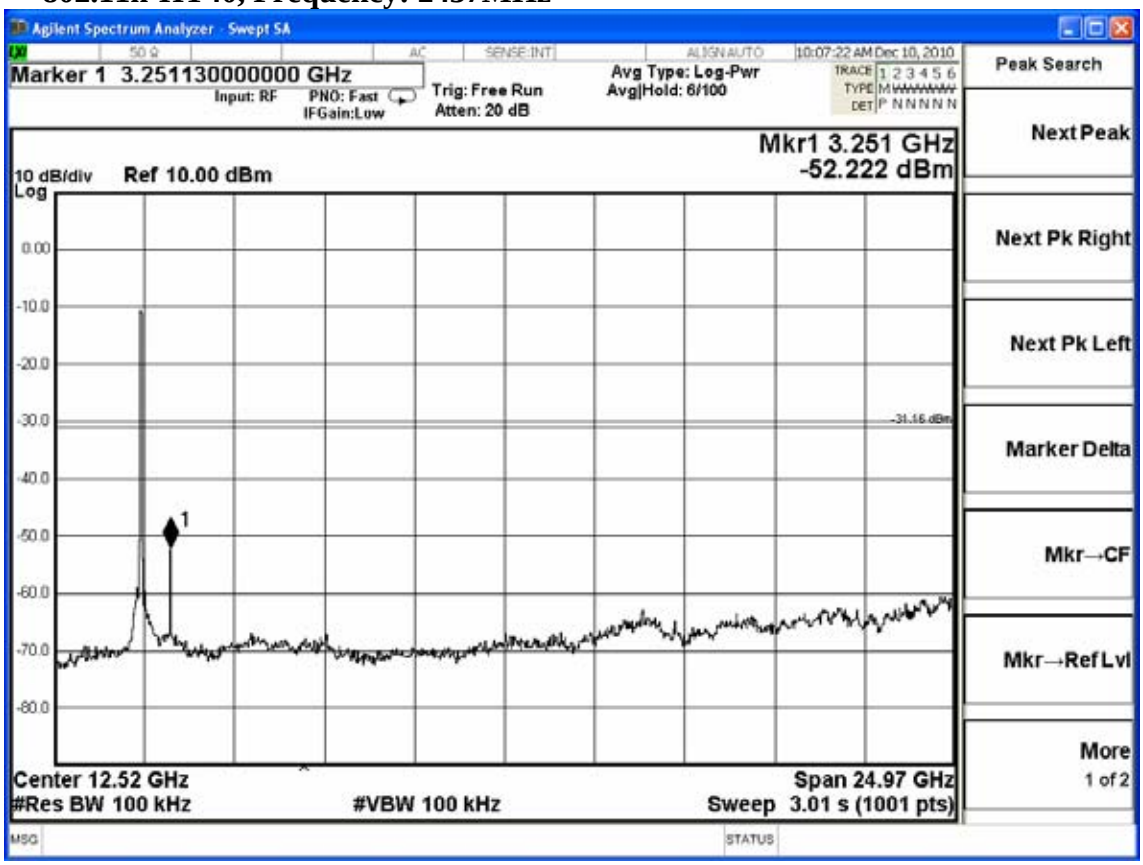

**802.11n-HT20, Frequency: 2437MHz**

**802.11n-HT20, Frequency: 2462MHz**

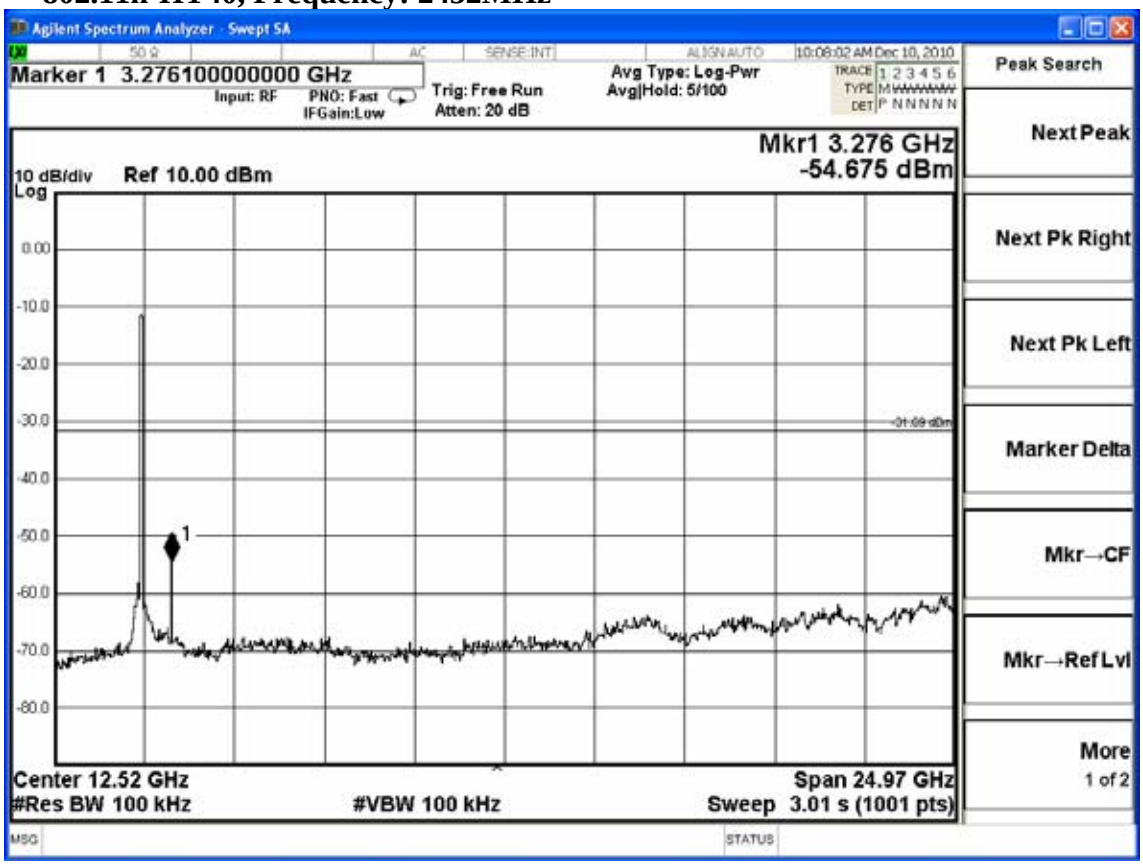

**802.11n-HT40, Frequency: 2422MHz**



**802.11n-HT40, Frequency: 2437MHz**




**802.11n-HT40, Frequency: 2452MHz**



# 7. BAND EDGES MEASUREMENT

## 7.1. Test Equipment

The following test equipment was used during the band edges measurement:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | N9020A | MY48011687 | Aug. 04, 10' | Aug. 03, 11' |

## 7.2. Block Diagram of Test Setup

The same as section.4.2.

## 7.3. Specification Limits (§15.247(c))

The highest level should be at least 20 dB below that in the 100kHz bandwidth.

## 7.4. Operating Condition of EUT

The test program "Putty.exe" was used to enable the EUT to transmit data at different channel frequency individually.

## 7.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. Set both RBW and VBW of spectrum analyzer to 100kHz with suitable frequency span including 100kHz bandwidth from band edge.
The measurement guideline was according to KDB 558074.

## 7.6. Test Results

**PASSED.** All the test results are attached in next pages.

(Test Date : Dec. 10, 2010 Temperature : 20℃ Humidity : 48%)

**802.11b**
Below Band edge: The highest emission level is –46.677dBm on 2.39990GHz。
Upper Band edge : The highest emission level is –57.506dBm on 2.48358GHz。

**802.11g**
Below Band edge: The highest emission level is –44.635dBm on 2.39990GHz。
Upper Band edge : The highest emission level is –57.574dBm on 2.48358GHz。

**802.11n-HT20**

Below Band edge: The highest emission level is –45.705dBm on 2.39990GHz。

Upper Band edge : The highest emission level is –56.892dBm on 2.48358GHz。

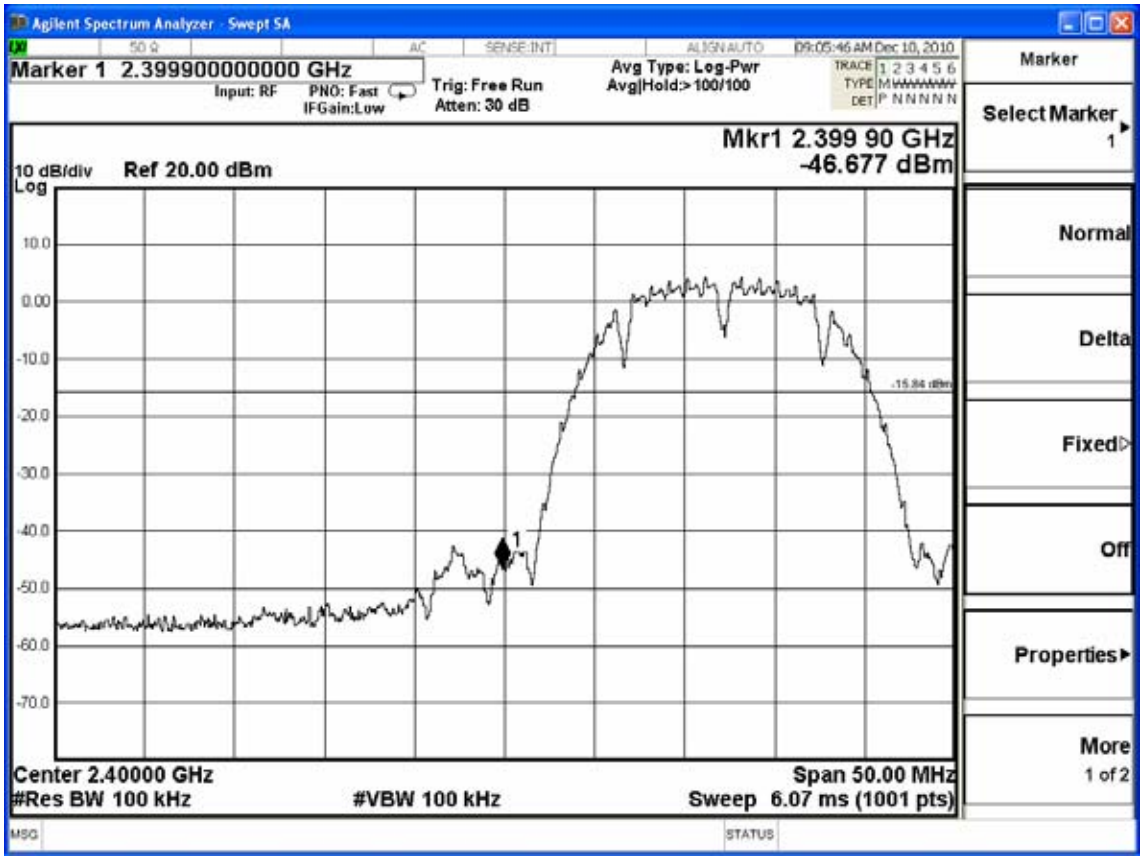
**802.11n-HT40**

Below Band edge: The highest emission level is –50.344dBm on 2.3999GHz。

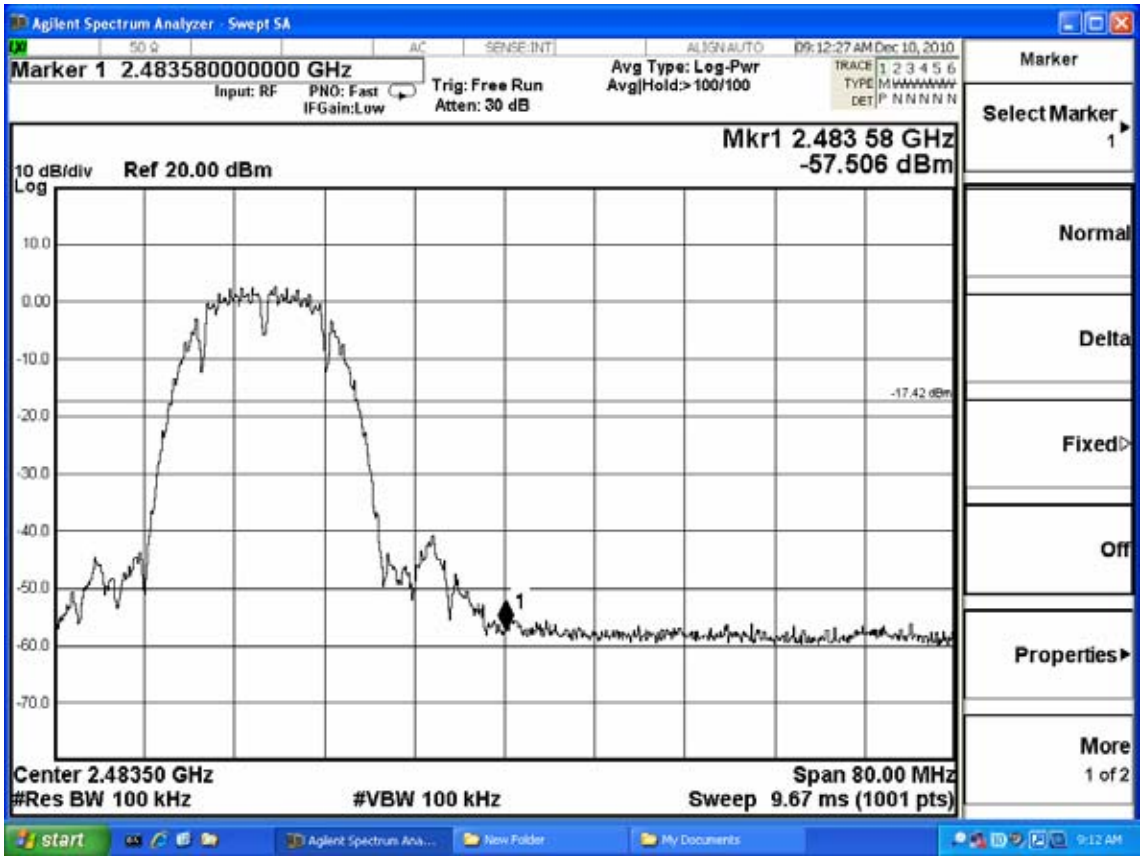
Upper Band edge : The highest emission level is –55.914dBm on 2.48350GHz。

**802.11b**

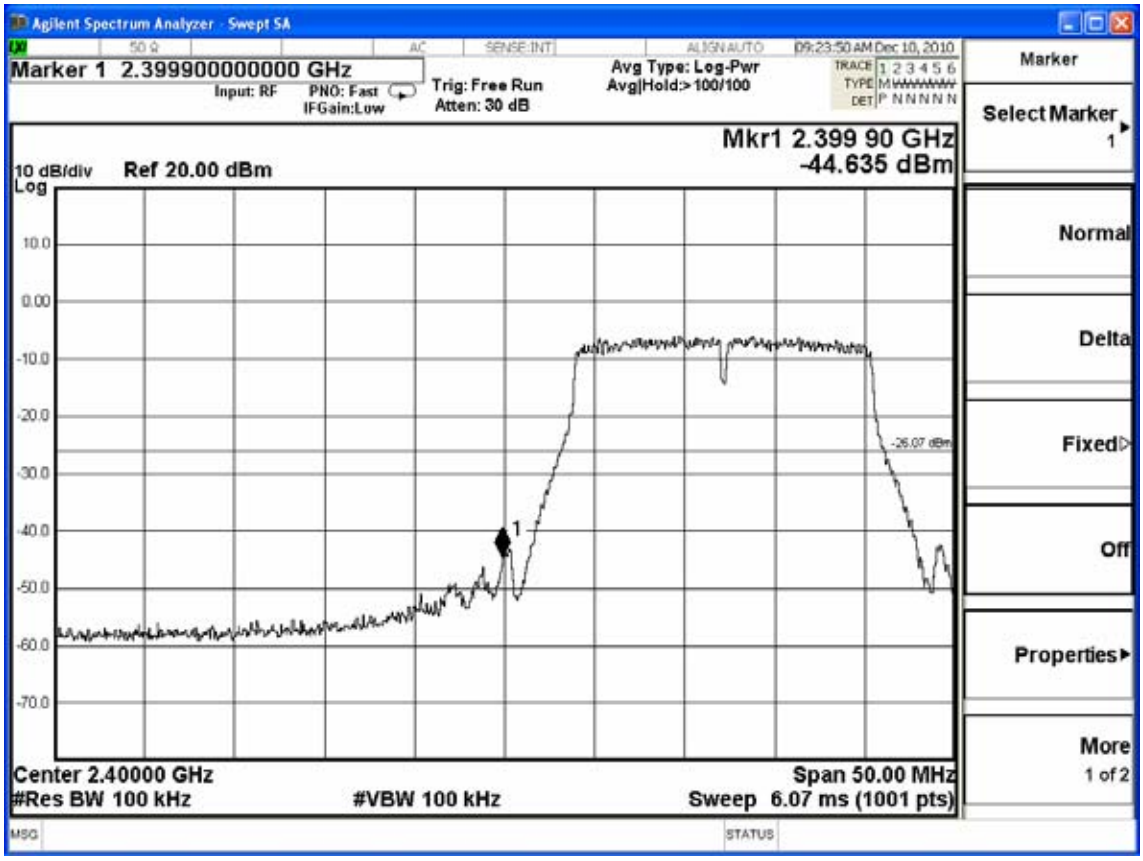
**Below Band edge**



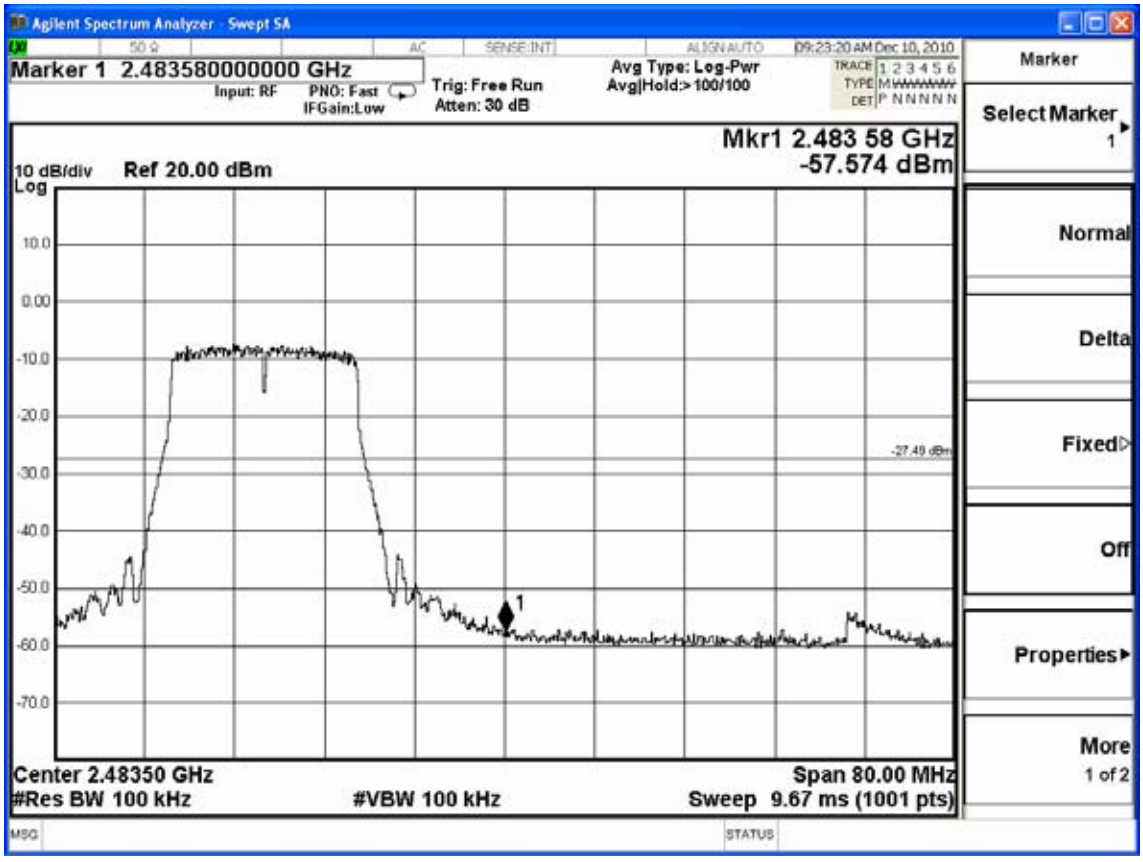

**Upper Band edge**



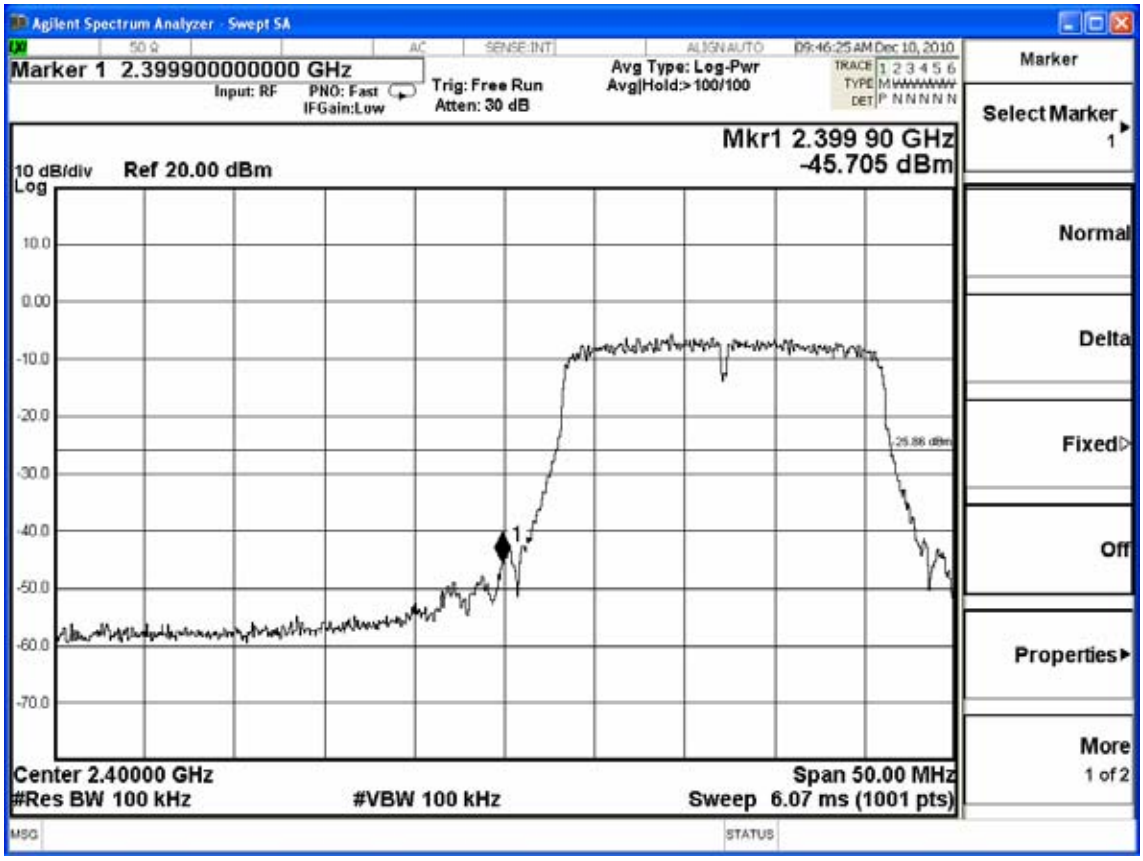
**802.11g**
**Below Band edge**



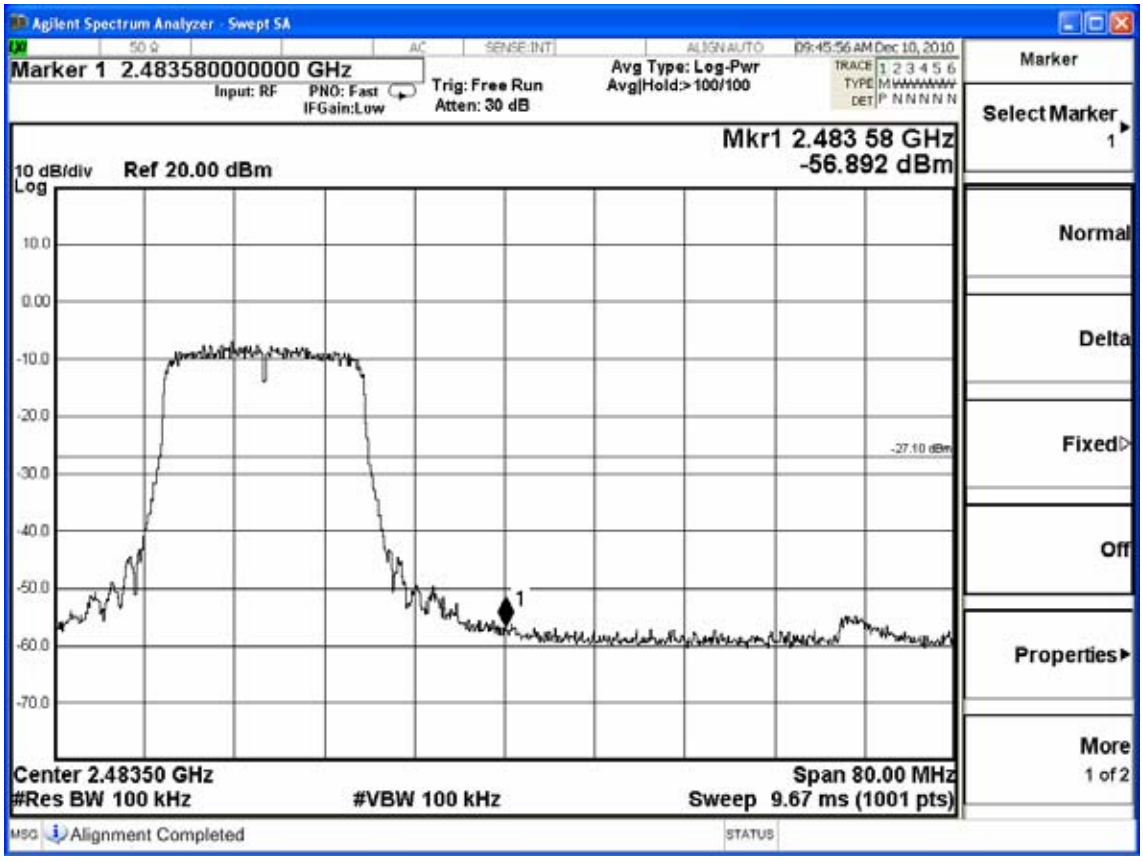

**Upper Band edge**



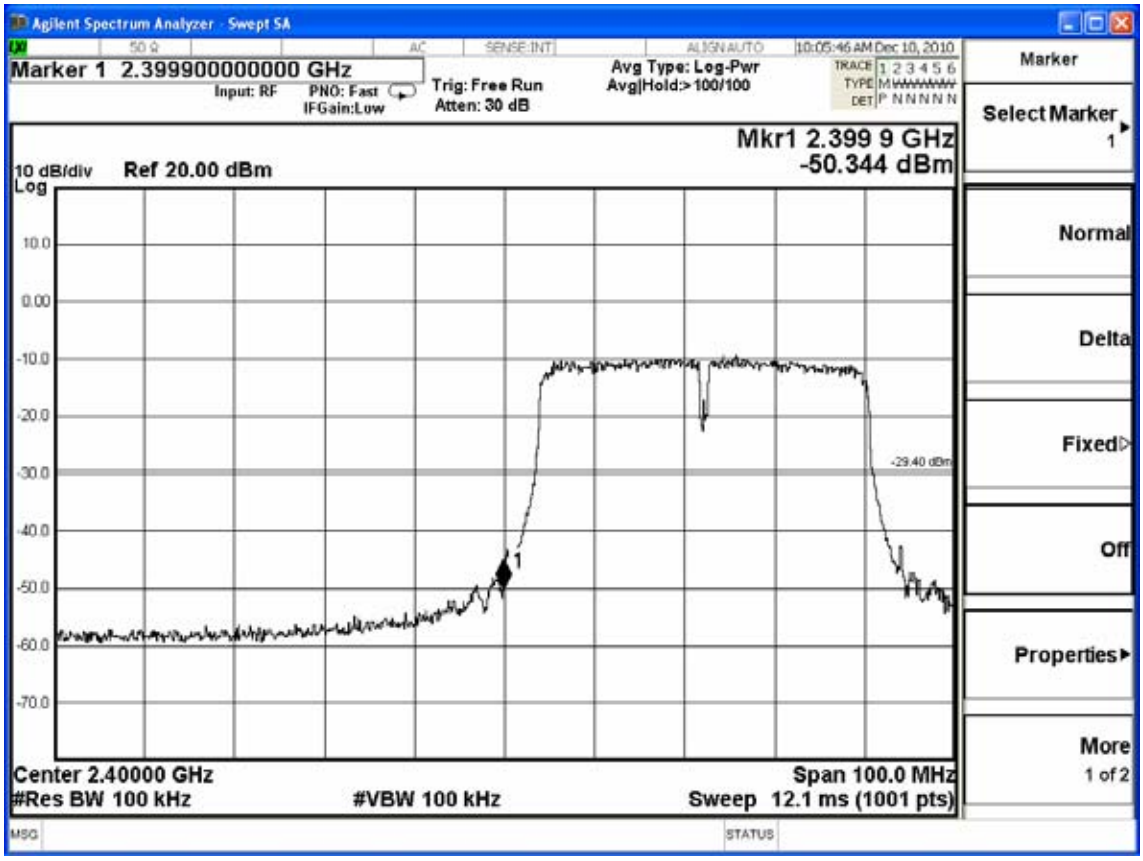
**802.11n-HT20**
**Below Band edge**



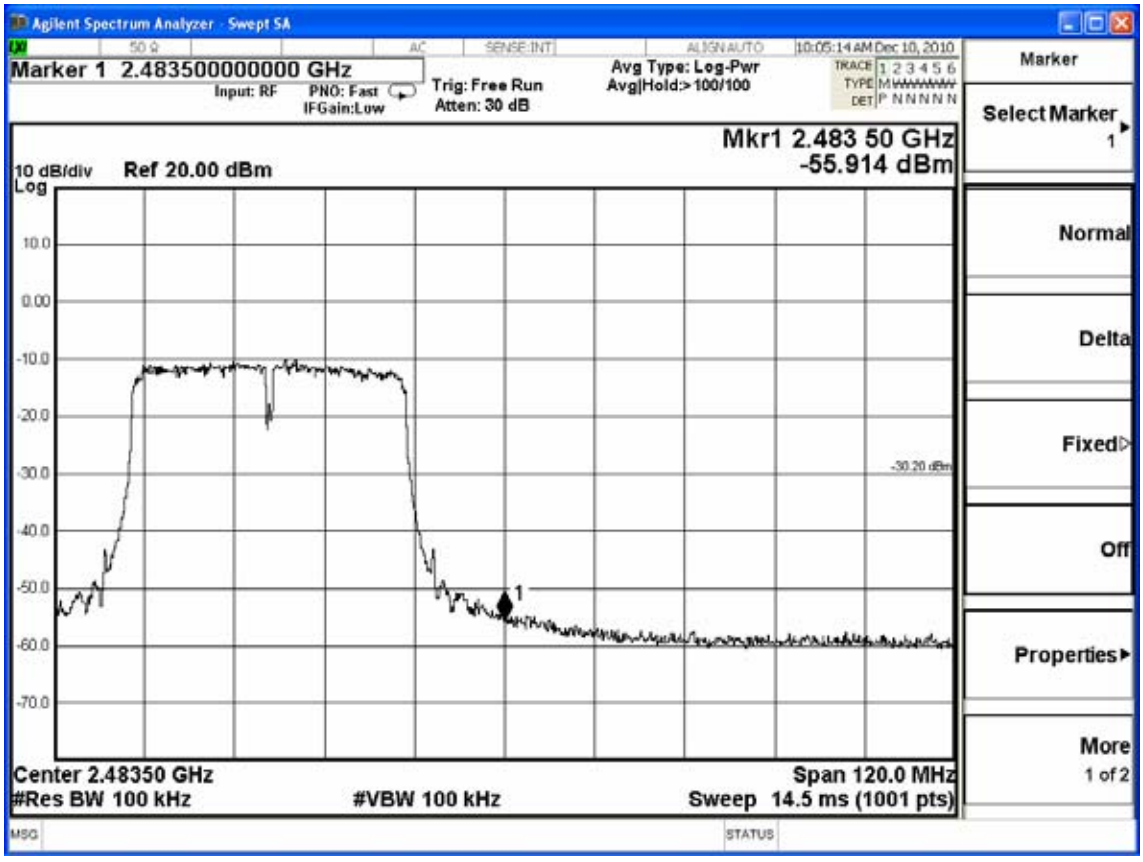

**Upper Band edge**



**802.11n-HT40**
**Below Band edge**




**Upper Band edge**



# 8. POWER SPECTRAL DENSITY MEASUREMENT

## 8.1. Test Equipment

The following test equipment was used during the power spectral density measurement:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | N9020A | MY48011687 | Aug. 04, 10’ | Aug. 03, 11’ |

## 8.2. Block Diagram of Test Setup

The same as section.4.2.

## 8.3. Specification Limits (§15.247(d))

The peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band.

## 8.4. Operating Condition of EUT

The test program “Putty.exe” was used to enable the EUT to transmit data at different channel frequency individually.

## 8.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3kHz RBW and 30kHz VBW, set sweep time = span/3kHz.
The measurement guideline was according to KDB 558074.

## 8.6. Test Results

**PASSED.** All the test results are attached in next pages.

(Test Date : Dec. 10, 2010 Temperature : 20℃ Humidity : 48%)

### 8.6.1. For 802.11b

| Mode | Type of Network | Channel | Frequency | **Power Spectral Density (dBm)** |
|---|---|---|---|---|
| 1. | 802.11b | CH 1 | 2412MHz | **-14.201** |
| 2. | | CH 6 | 2437MHz | **-14.873** |
| 3. | | CH 11 | 2462MHz | **-15.781** |

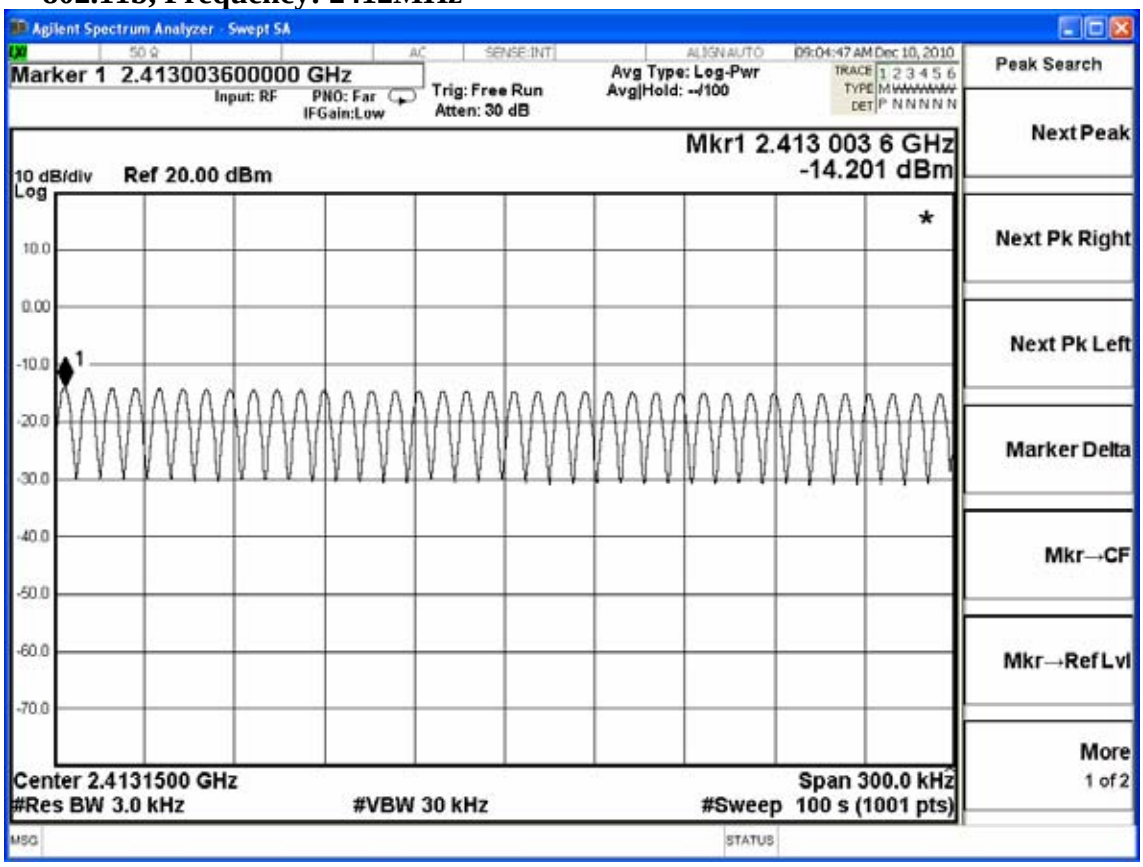
**[Limit: 8dBm]**

### 8.6.2. For 802.11g/802.11n-HT20/802.11n-HT40

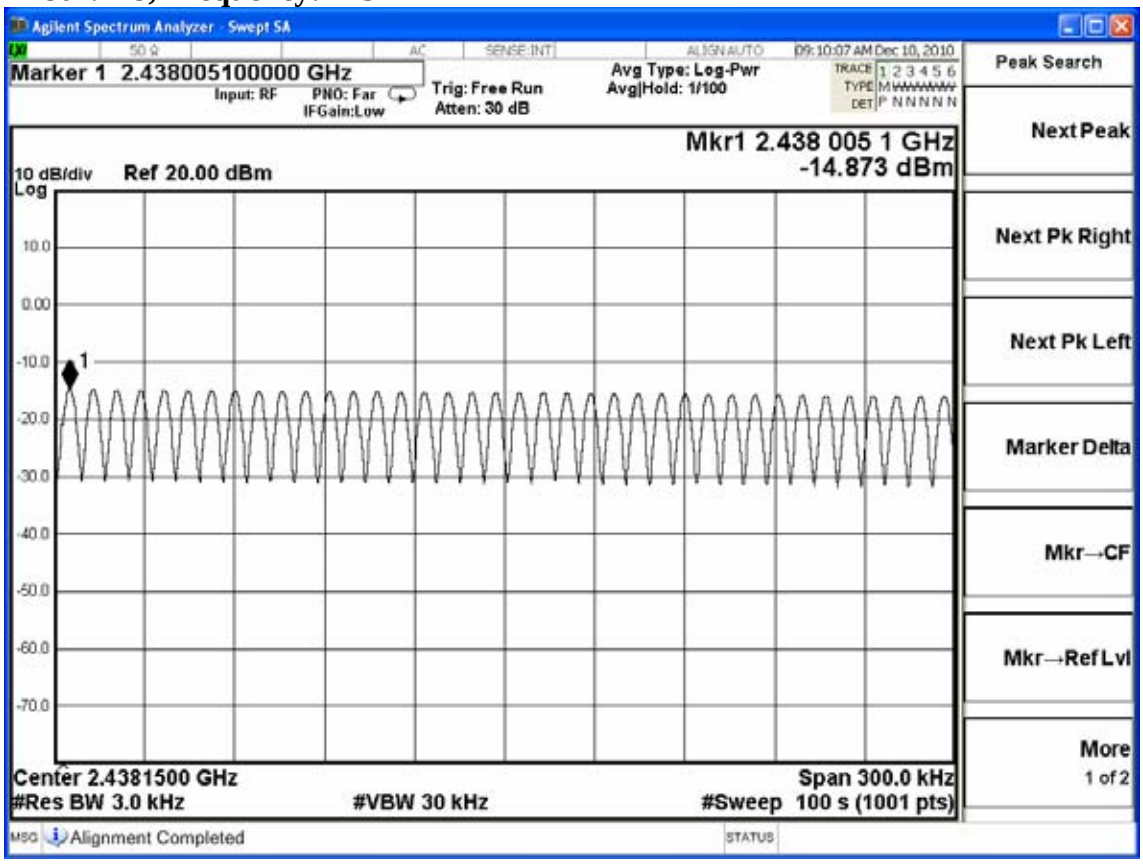
| Mode | Type of Network | Channel | Frequency | **Power Spectral Density (dBm)** | | **Total Power Spectral Density (dBm)** |
|---|---|---|---|---|---|---|
| | | | | **Ant.0** | **Ant.1** | |
| 1. | 802.11g | CH 1 | 2412MHz | **-20.993** | **-21.160** | **-18.065** |
| 2. | | CH 6 | 2437MHz | **-21.718** | **-21.720** | **-18.709** |
| 3. | | CH 11 | 2462MHz | **-22.775** | **-23.018** | **-19.885** |
| 4. | 802.11n-HT20 | CH 1 | 2412MHz | **-21.403** | **-21.430** | **-18.406** |
| 5. | | CH 6 | 2437MHz | **-22.615** | **-22.087** | **-19.333** |
| 6. | | CH 11 | 2462MHz | **-22.987** | **-22.759** | **-19.861** |
| 7. | 802.11n-HT40 | CH 3 | 2422MHz | **-22.077** | **-22.139** | **-19.098** |
| 8. | | CH 6 | 2437MHz | **-25.007** | **-25.955** | **-22.445** |
| 9. | | CH 9 | 2452MHz | **-23.161** | **-25.470** | **-21.154** |

**[Limit: 8dBm]**

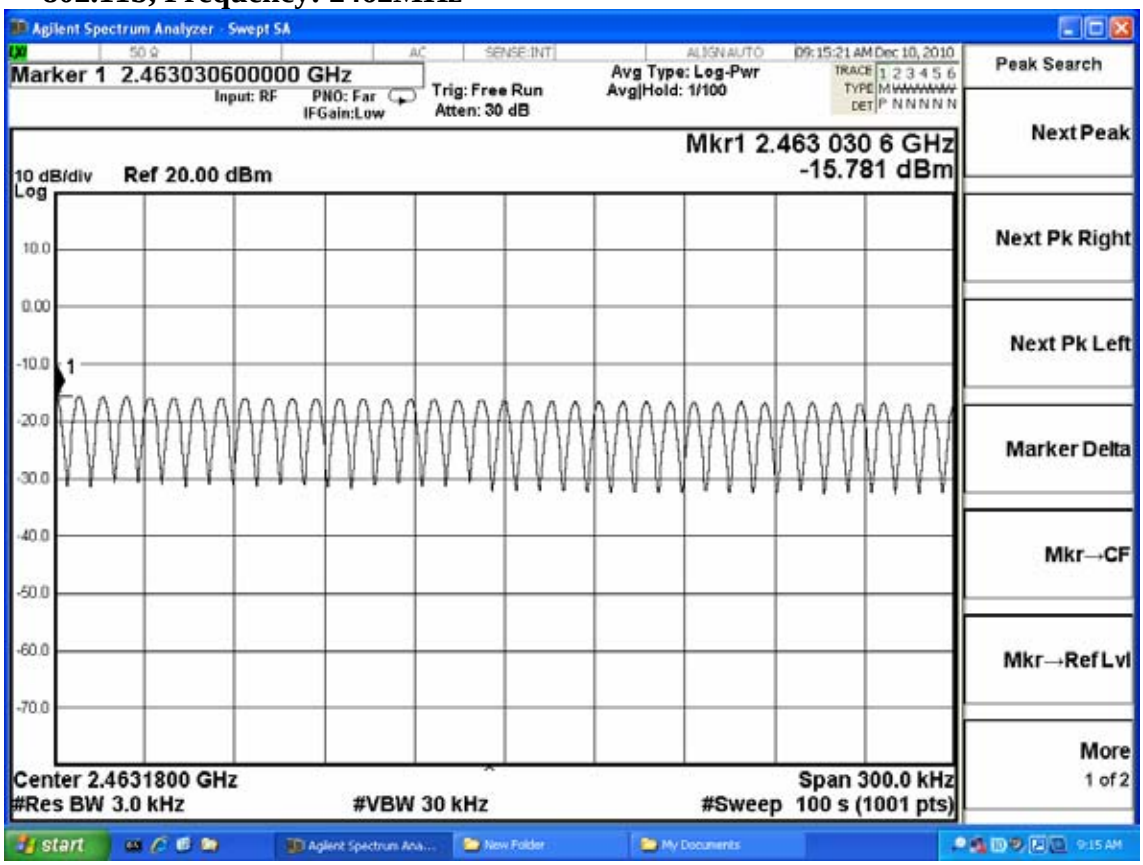
**802.11b, Frequency: 2412MHz**



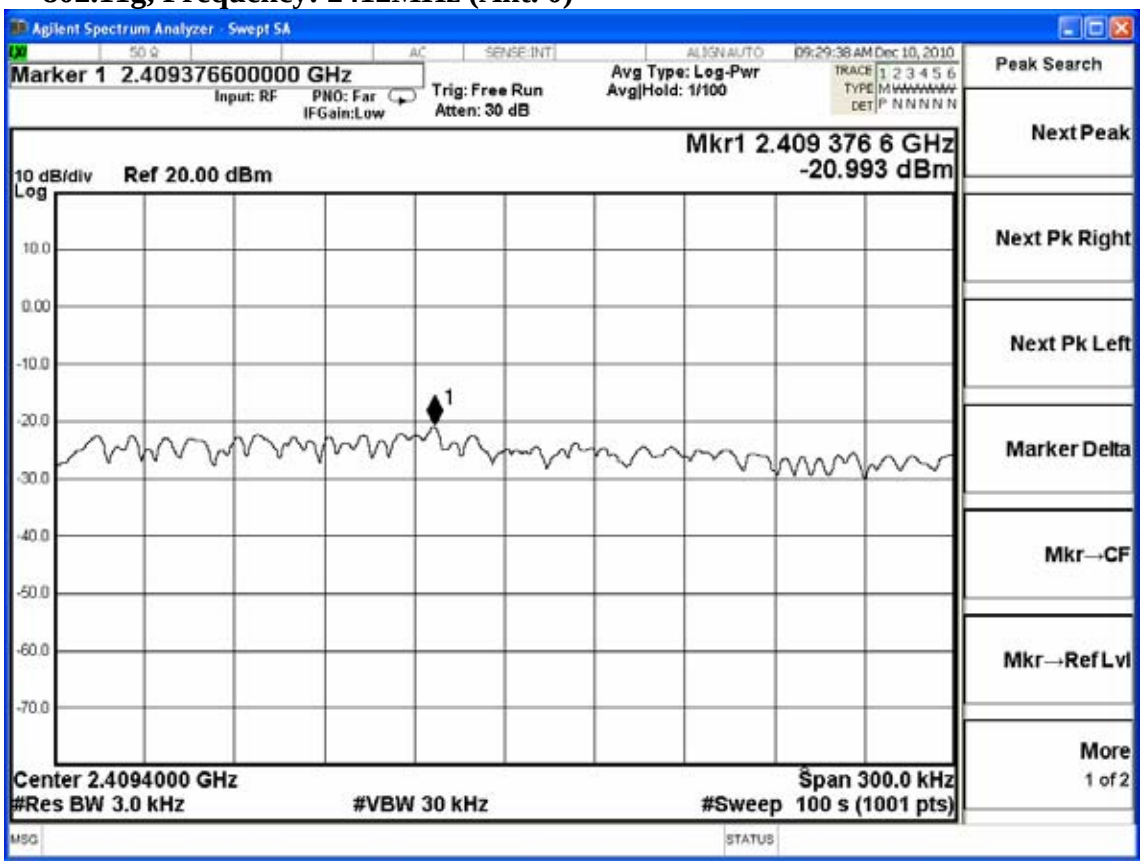

**802.11b, Frequency: 2437MHz**



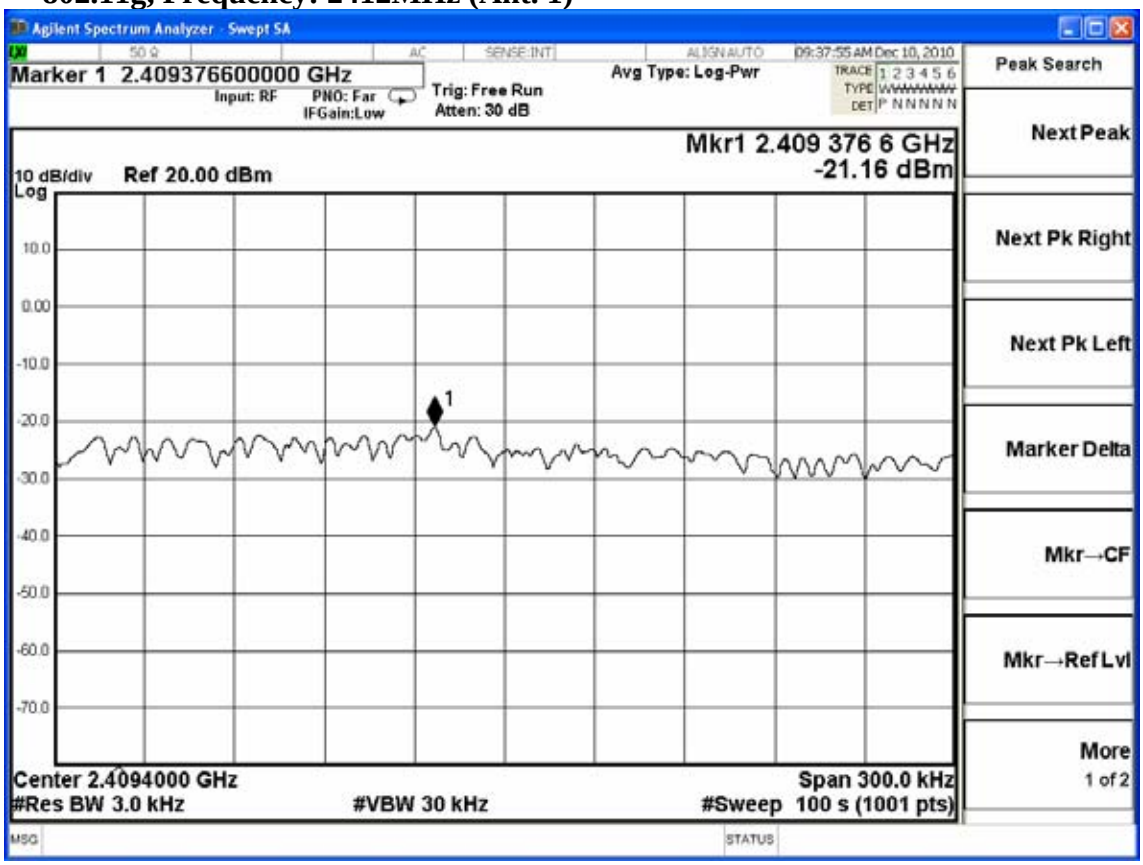
**802.11b, Frequency: 2462MHz**



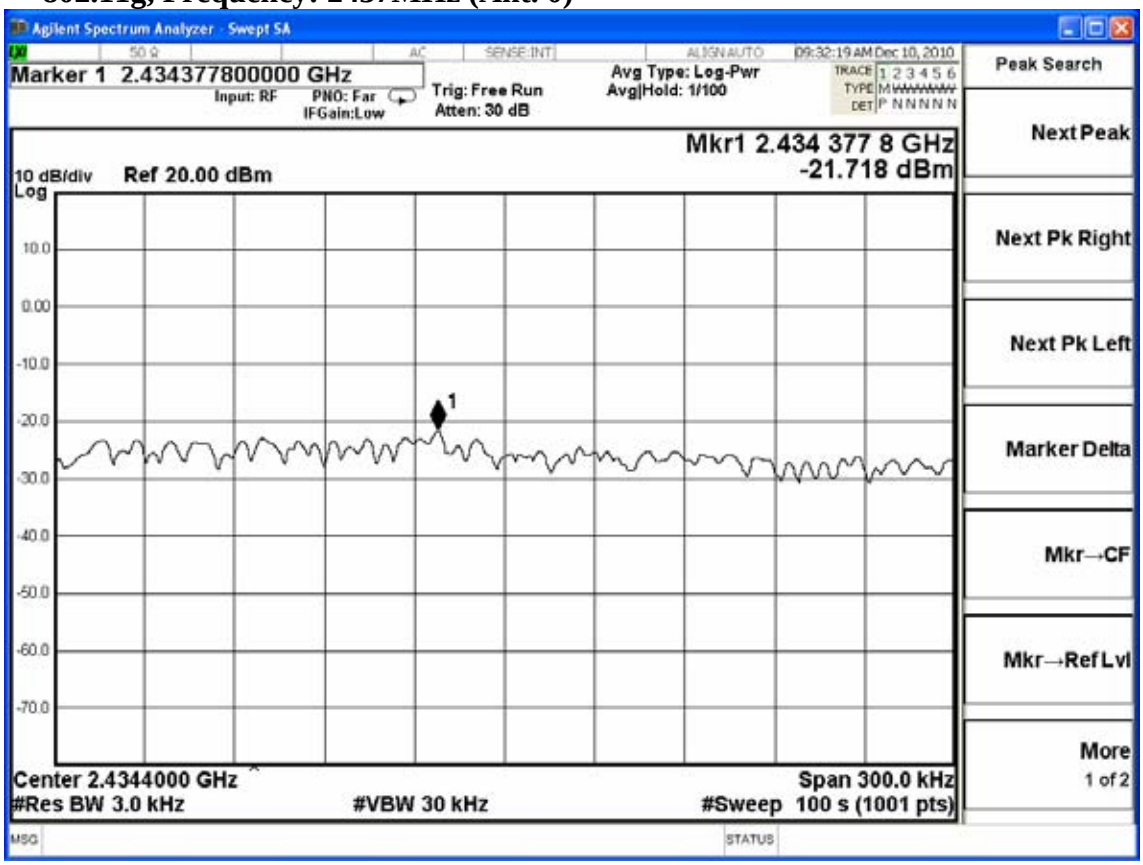
**802.11g, Frequency: 2412MHz (Ant. 0)**



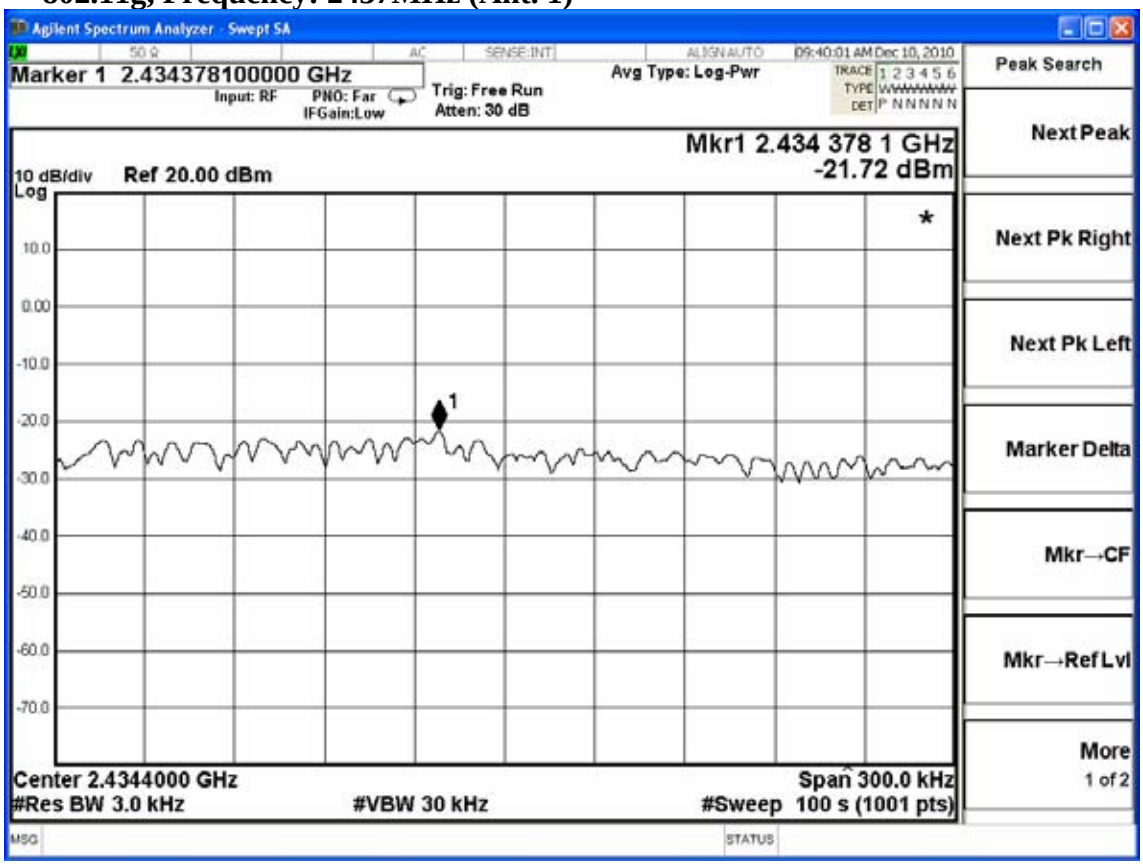

**802.11g, Frequency: 2412MHz (Ant. 1)**



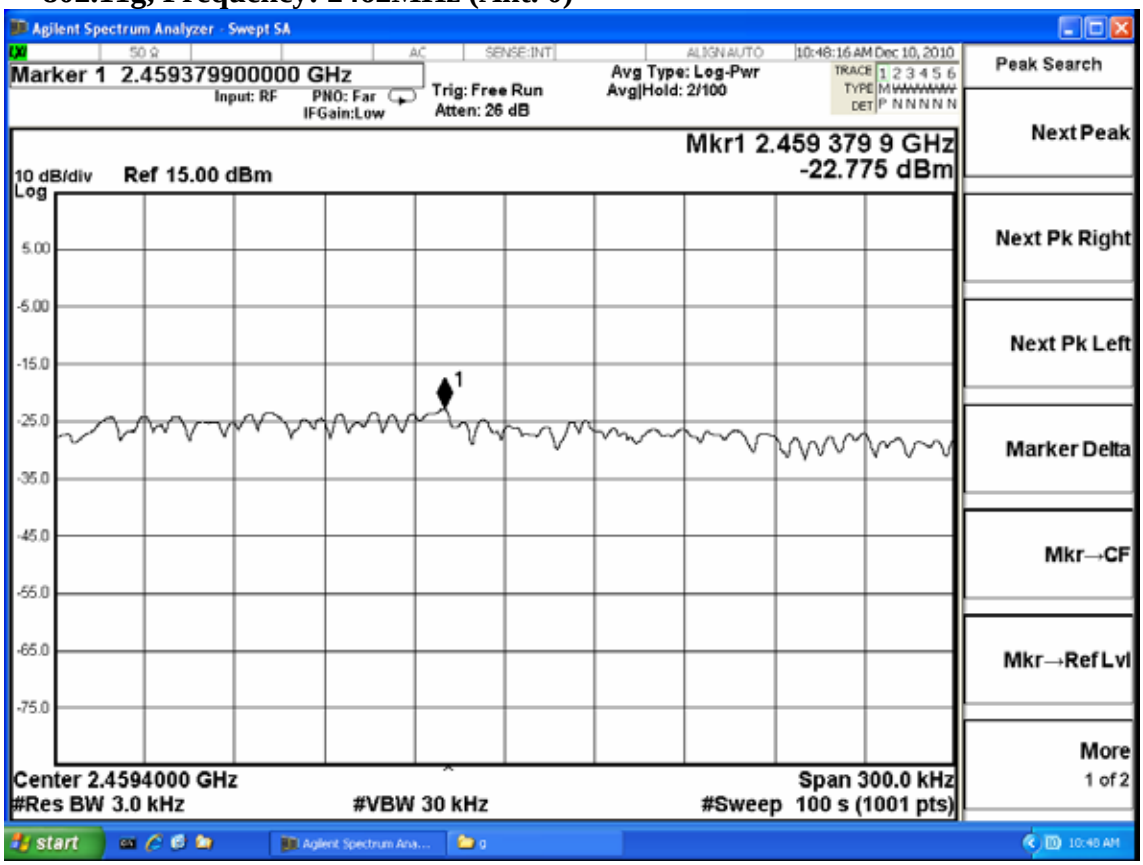
**802.11g, Frequency: 2437MHz (Ant. 0)**



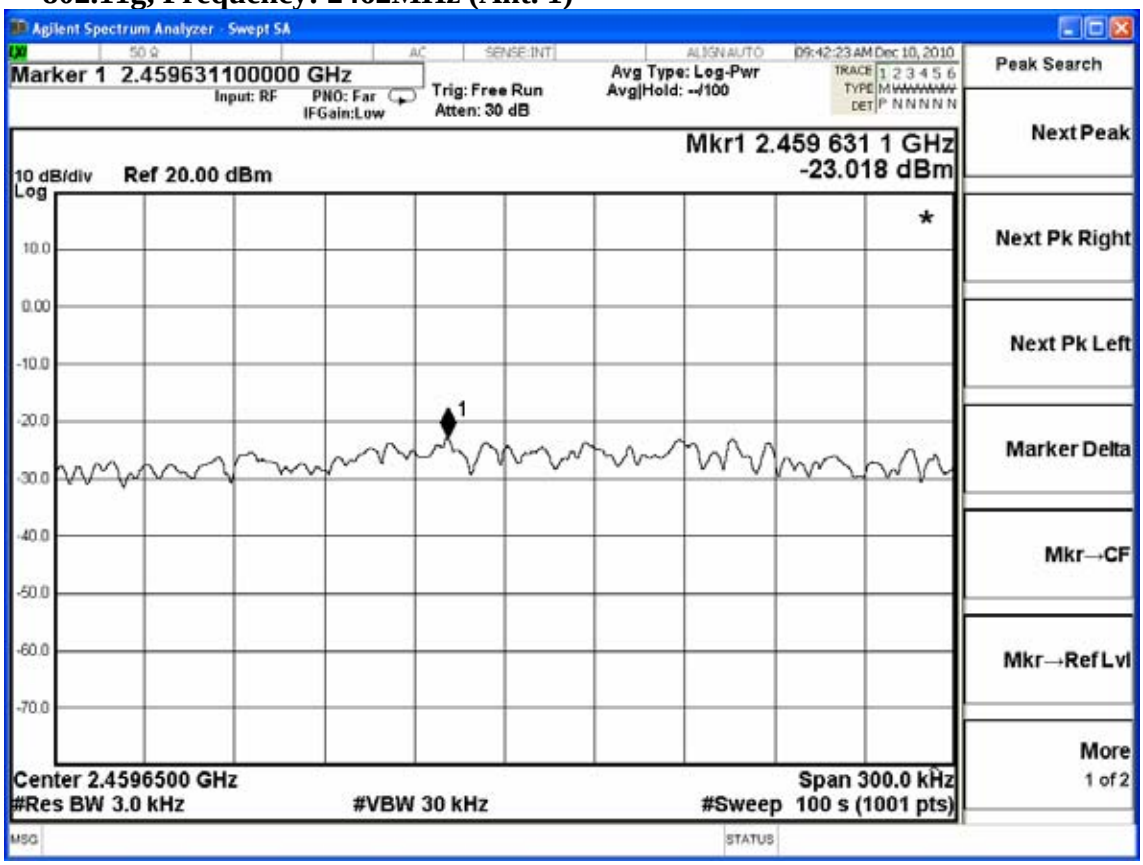

**802.11g, Frequency: 2437MHz (Ant. 1)**



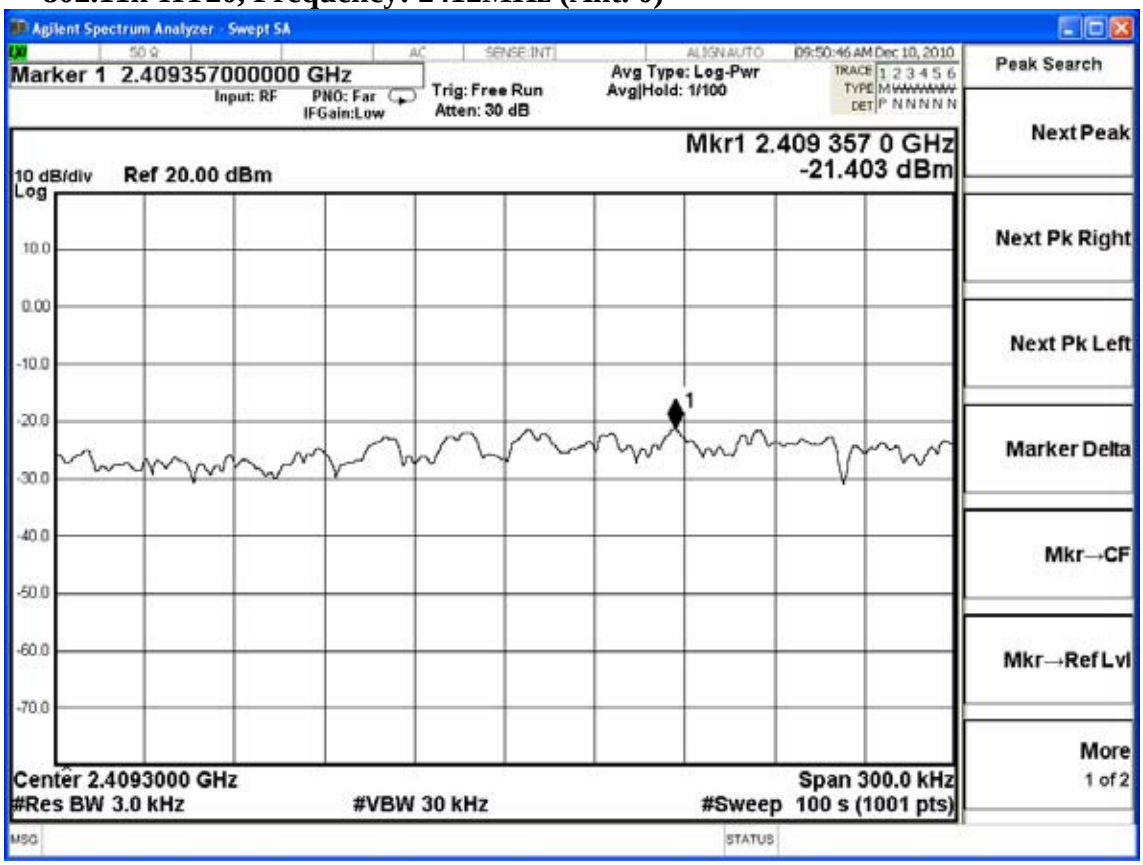
**802.11g, Frequency: 2462MHz (Ant. 0)**



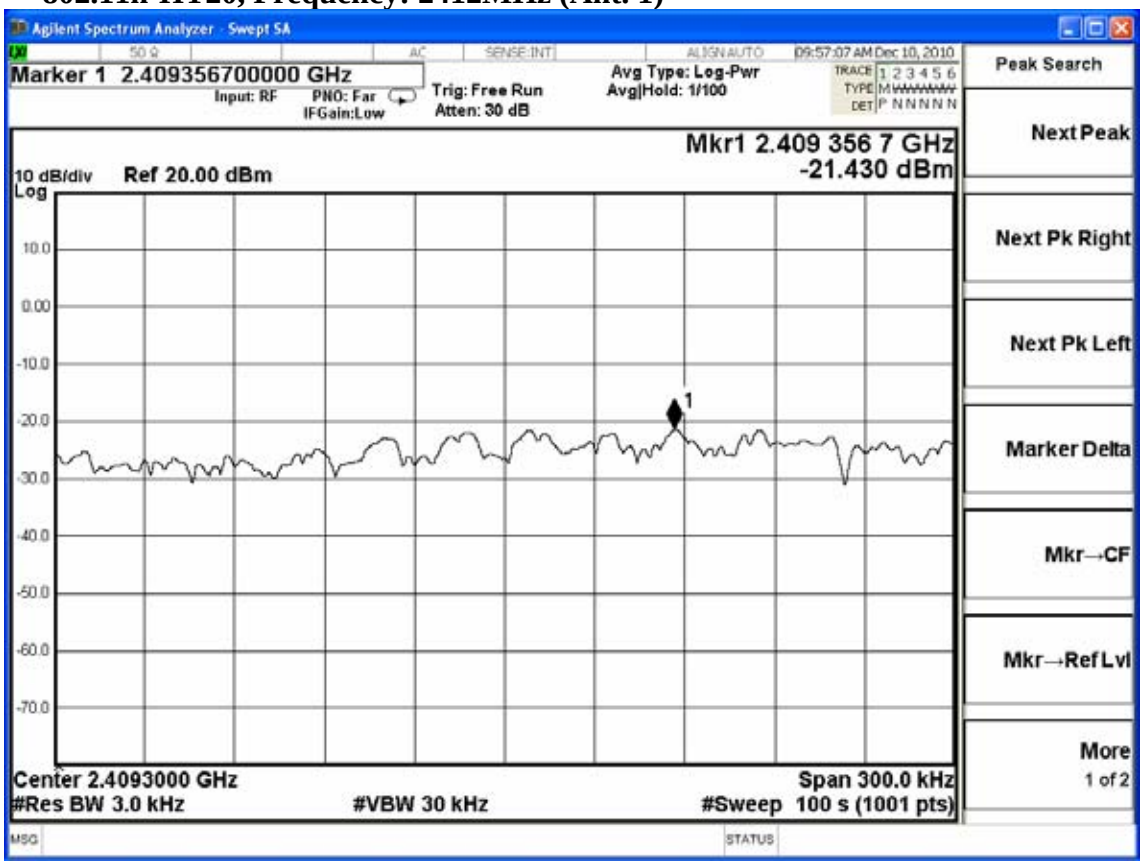

**802.11g, Frequency: 2462MHz (Ant. 1)**



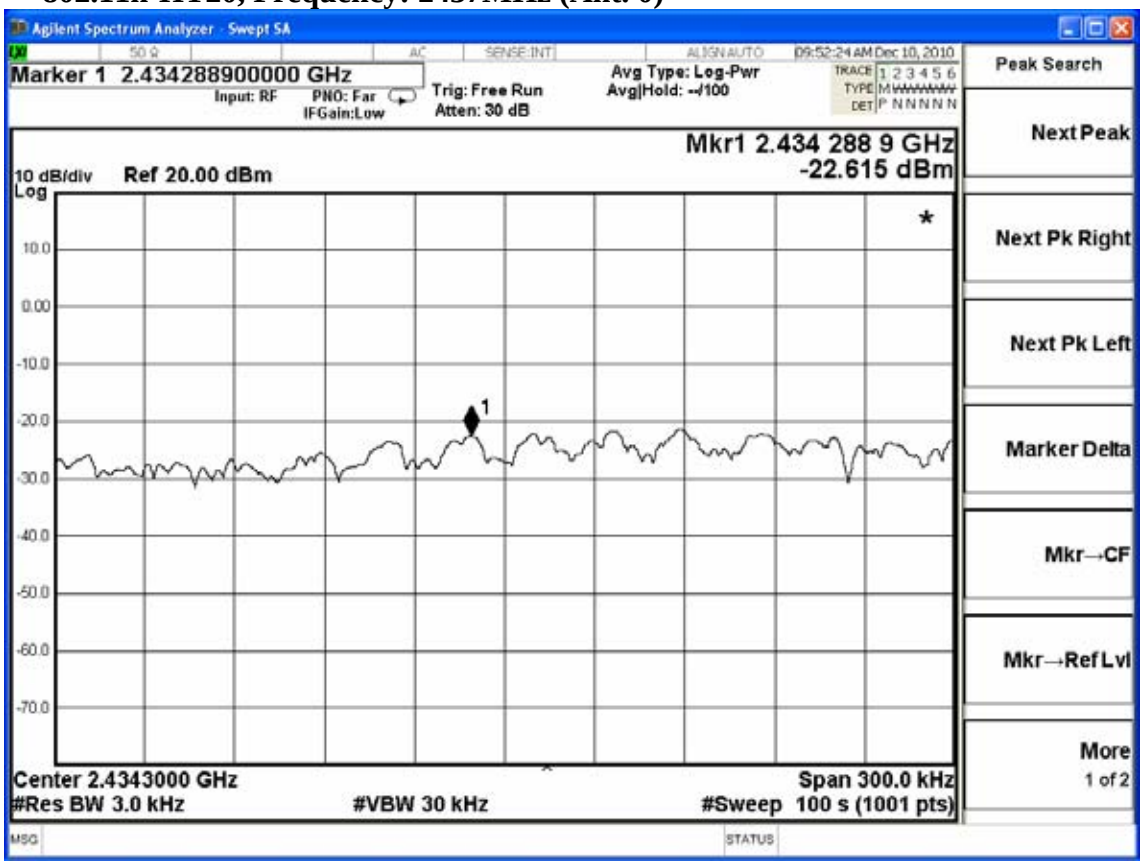
**802.11n-HT20, Frequency: 2412MHz (Ant. 0)**



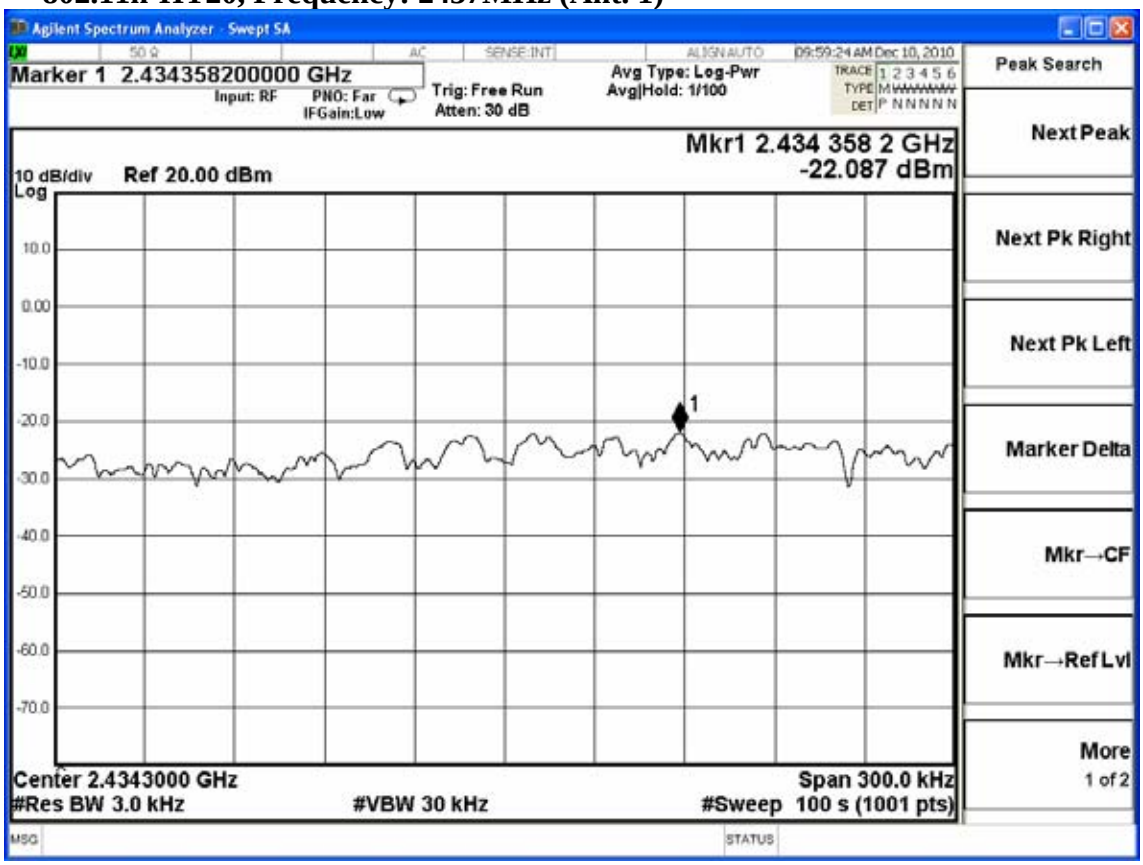

**802.11n-HT20, Frequency: 2412MHz (Ant. 1)**



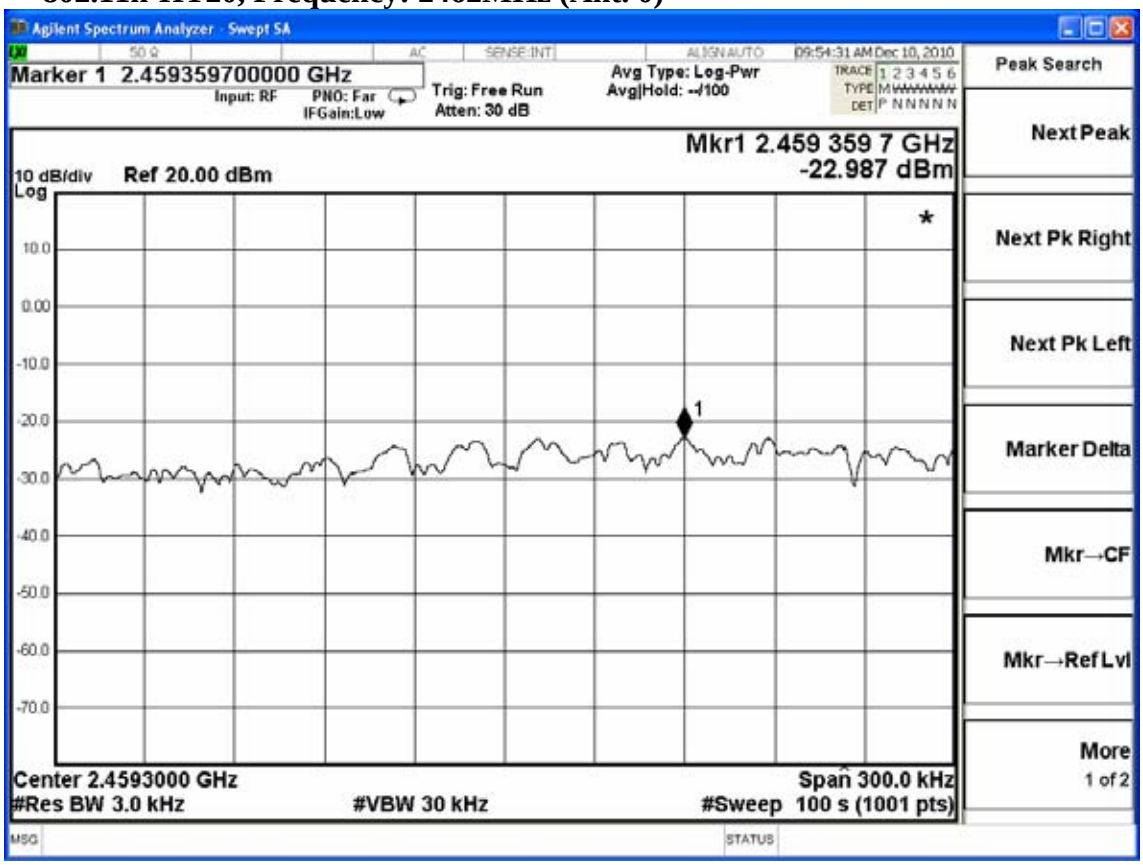
**802.11n-HT20, Frequency: 2437MHz (Ant. 0)**



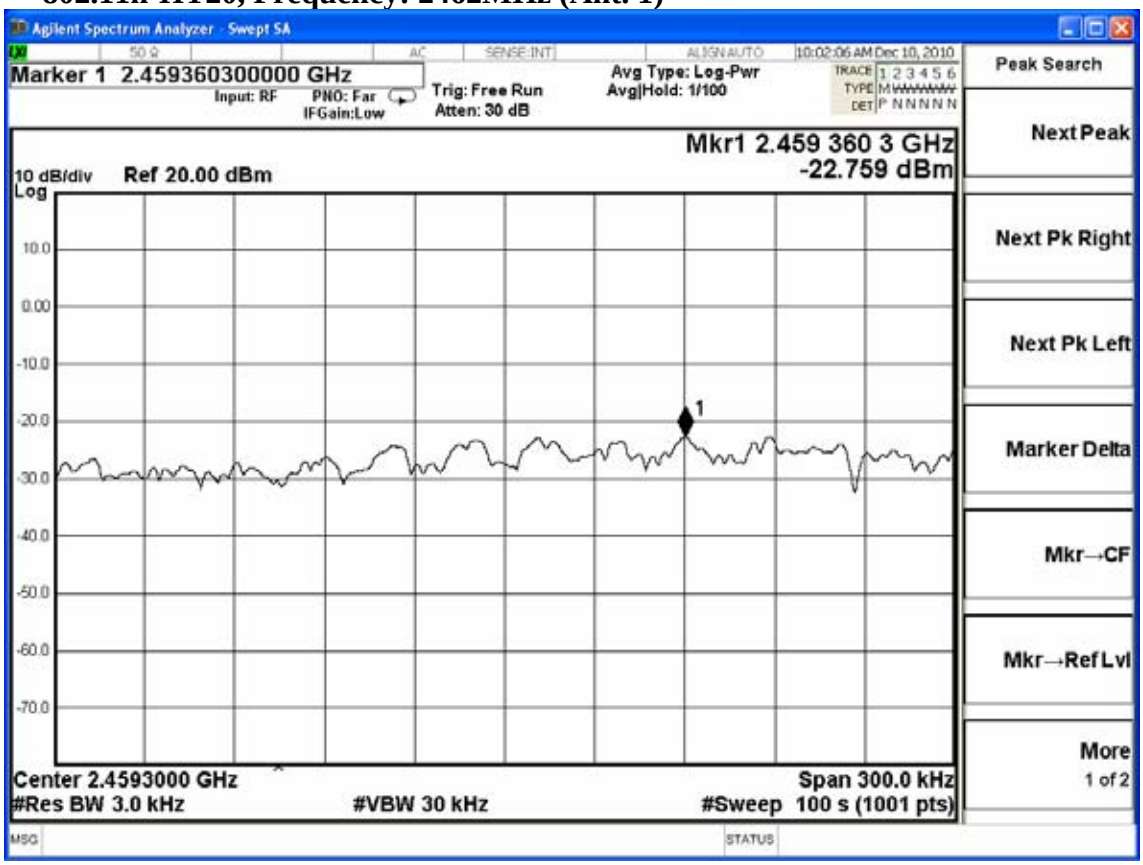

**802.11n-HT20, Frequency: 2437MHz (Ant. 1)**



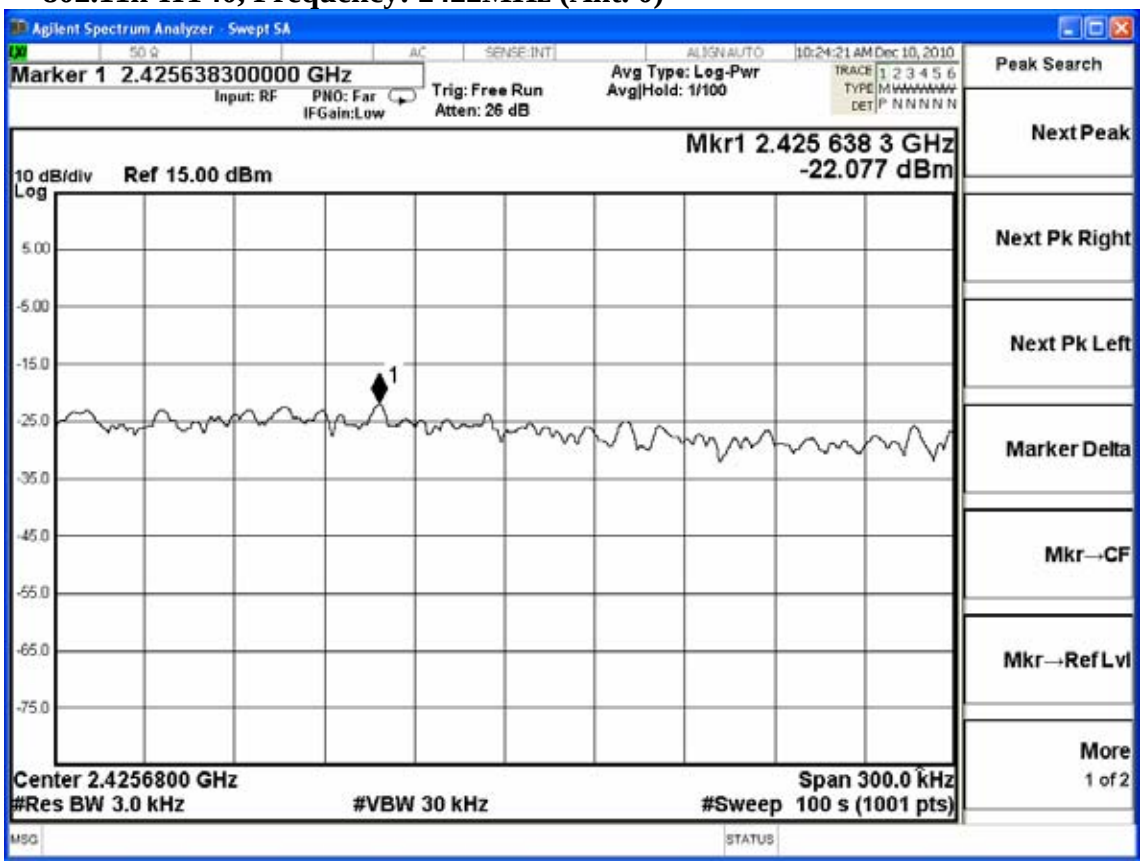
**802.11n-HT20, Frequency: 2462MHz (Ant. 0)**



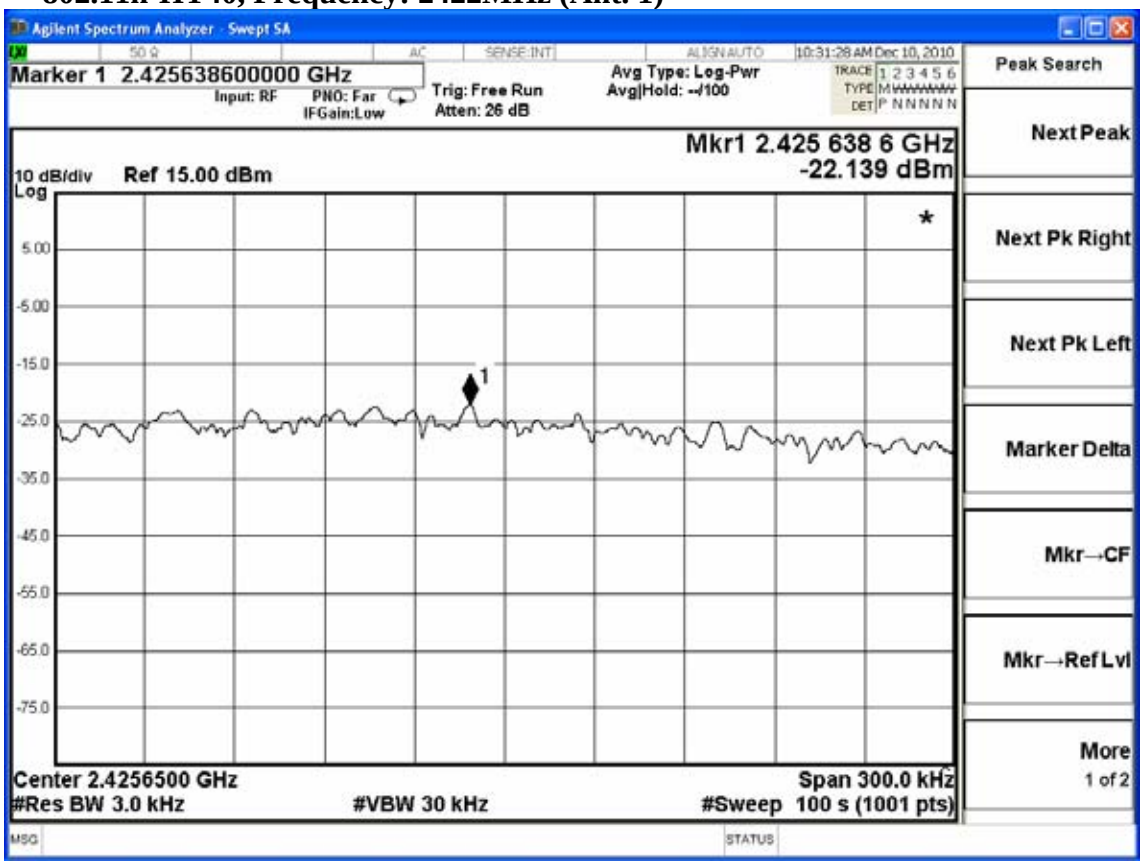

**802.11n-HT20, Frequency: 2462MHz (Ant. 1)**



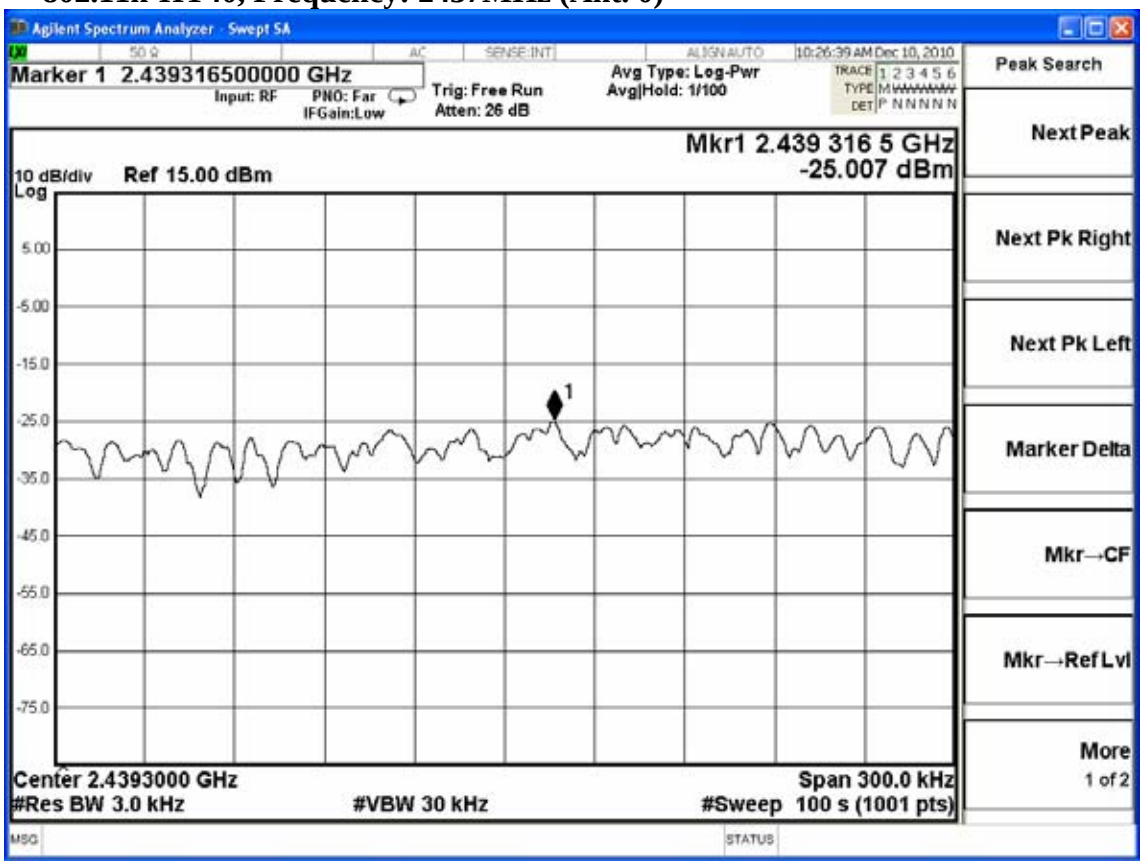
**802.11n-HT40, Frequency: 2422MHz (Ant. 0)**



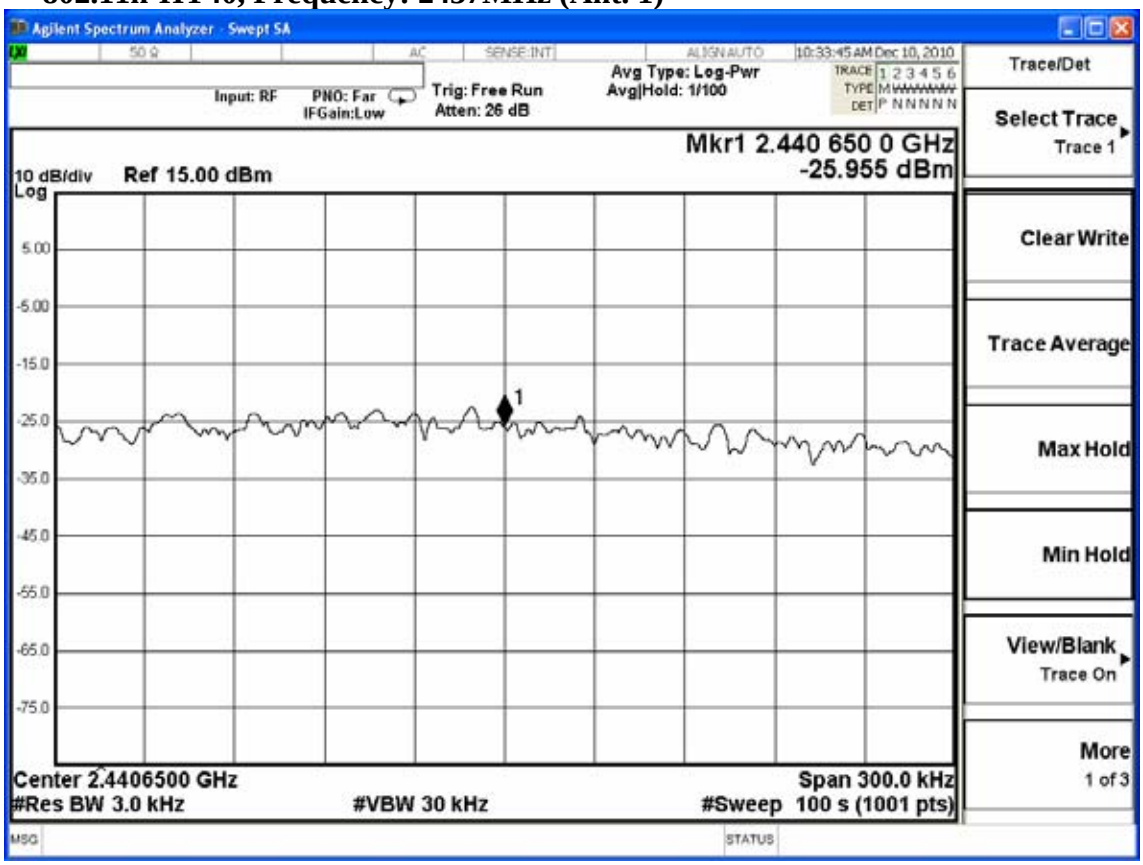

**802.11n-HT40, Frequency: 2422MHz (Ant. 1)**



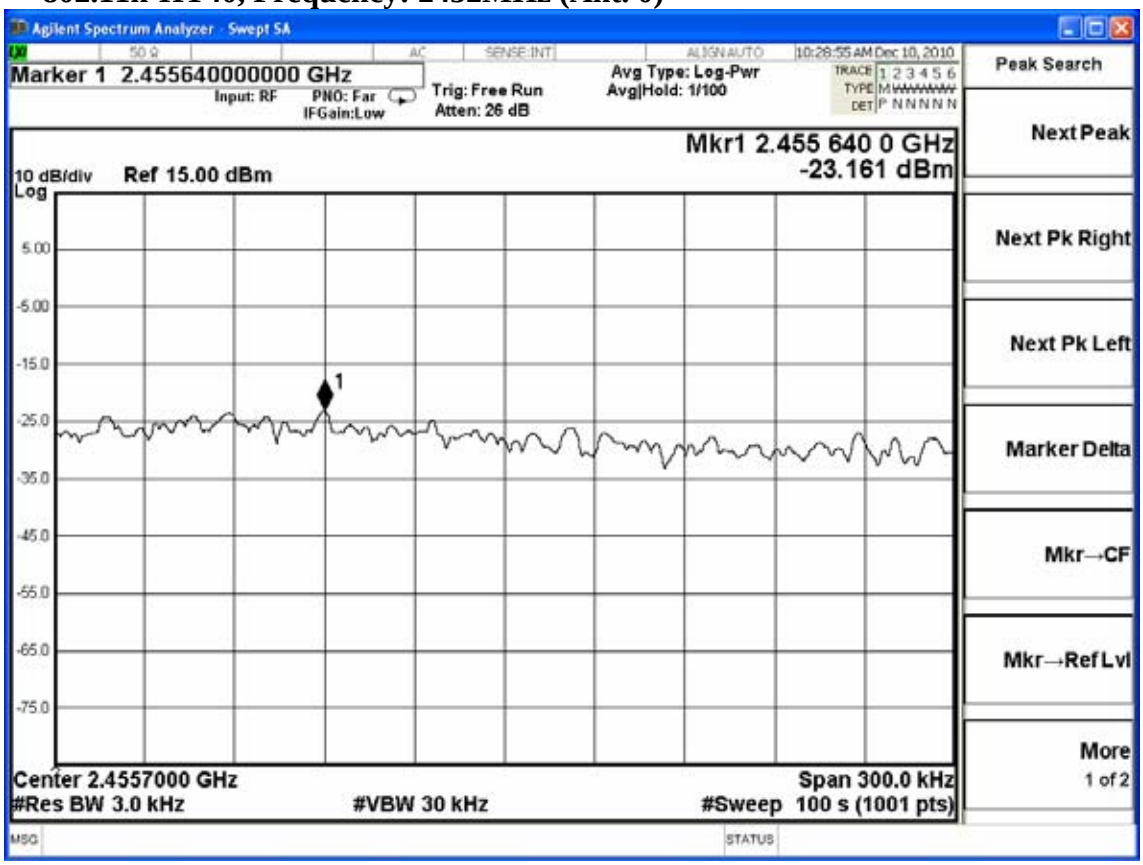
**802.11n-HT40, Frequency: 2437MHz (Ant. 0)**



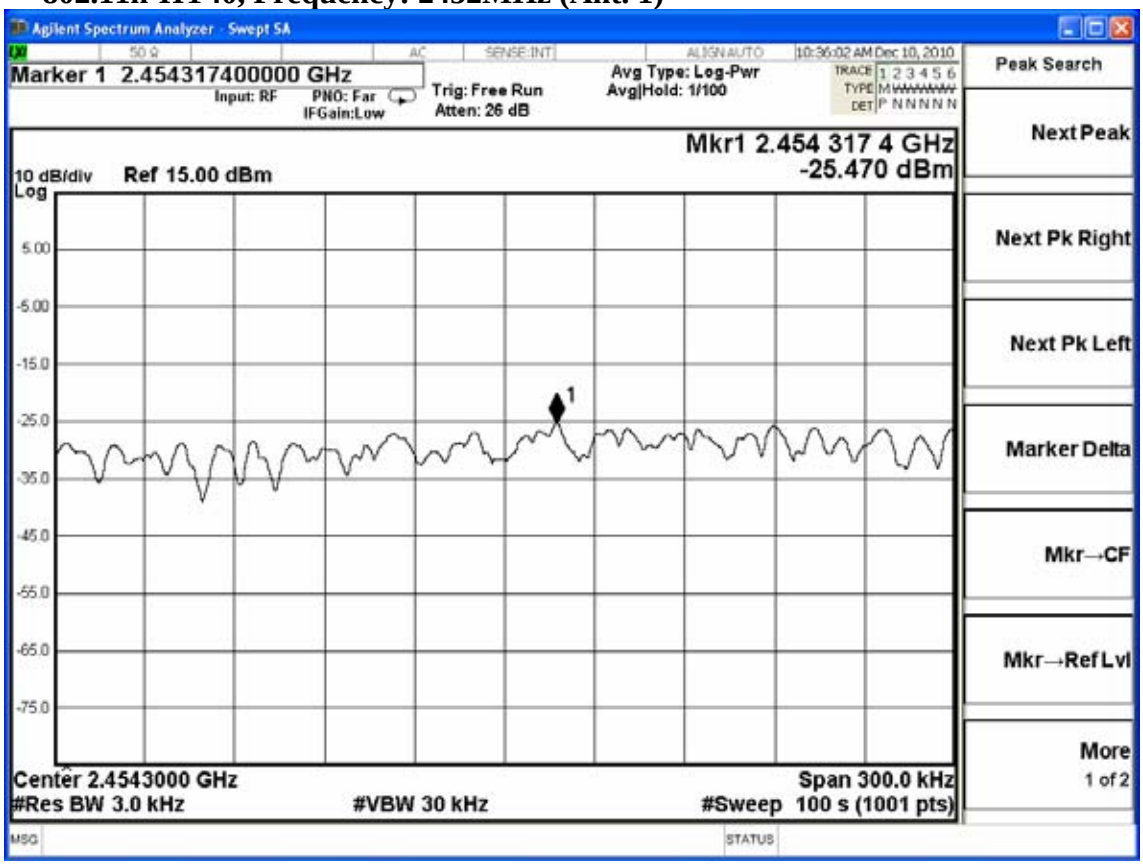

**802.11n-HT40, Frequency: 2437MHz (Ant. 1)**



**802.11n-HT40, Frequency: 2452MHz (Ant. 0)**




**802.11n-HT40, Frequency: 2452MHz (Ant. 1)**



# 9. DEVIATION TO TEST SPECIFICATIONS

【NONE】