

FCC Test Report

(Class II Permissive Change)

| Product Name | Intel® Dual Band Wireless-AC 7260 |
|--------------|-----------------------------------|
| Model No | 7260NGW |
| FCC ID | PD97260NG, PD97260NGU |

^{*} FCC ID: PD97260NG (For OEM factory installation)

^{*} FCC ID: PD97260NGU (For user installation)

| Applicant | Intel Mobile Communications |
|-----------|---|
| Address | 100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA |

| Date of Receipt | Oct. 01, 2014 |
|-----------------|---------------------|
| Issued Date | Nov. 06, 2014 |
| Report No. | 14A0104R-RFUSP06V00 |
| Report Version | V1.0 |



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

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Test Report

Issued Date: Nov. 06, 2014

Report No.: 14A0104R-RFUSP06V00



| Product Name | Intel® Dual Band Wireless-AC 7260 | | | |
|---------------------|---|--|--|--|
| Applicant | Intel Mobile Communications | | | |
| Address | 100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA | | | |
| Manufacturer | ntel Mobile Communications | | | |
| Model No. | 7260NGW | | | |
| FCC ID. | PD97260NG, PD97260NGU | | | |
| EUT Rated Voltage | DC 3.3V (via Mini-PCI Express slot) | | | |
| EUT Test Voltage | AC 120V/60Hz | | | |
| Trade Name | Intel | | | |
| Applicable Standard | FCC CFR Title 47 Part 15 Subpart C: 2013 | | | |
| | ANSI C63.10: 2009, KDB 558074 D01 DTS Meas Guidance v03r02 | | | |
| Test Result | Complied | | | |

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(Senior Adm. Specialist / Rita Huang)

Tested By : Andy Li

(Engineer / Andy Lin)

Approved By :

(Director / Vincent Lin)



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1. GENERAL INFORMATION

1.1. EUT Description

| Product Name | Intel® Dual Band Wireless-AC 7260 | | | |
|--|---|--|--|--|
| Trade Name | Intel | | | |
| FCC ID. | PD97260NG, PD97260NGU | | | |
| Model No. | 7260NGW | | | |
| | 802.11a/n-20MHz: 5180-5320MHz, 5500-5700MHz | | | |
| Emaguan ay Danga | 802.11n-40MHz: 5190-5310, 5510-5670MHz | | | |
| Frequency Range | 802.11ac-20MHz: 5720, 802.11ac-40MHz: 5710 | | | |
| | 802.11ac-80MHz: 5210-5290MHz, 5530-5690MHz | | | |
| Name to a second control of the second contr | 802.11a/n-20MHz: 19; 802.11n-40MHz: 9 | | | |
| Number of Channels | 802.11ac-20MHz: 1, 802.11ac-40MHz: 1, 802.11ac-80MHz: 5 | | | |
| Data Rate | 802.11a: 6 - 54Mbps | | | |
| | 802.11n: up to 300Mbps | | | |
| | 802.11ac-80MHz: up to 866.7MHz | | | |
| Channel Control Auto | | | | |
| Type of Modulation 802.11a/n/ac:OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM | | | | |
| Antenna Type Dipole Antenna | | | | |
| Antenna Gain | Refer to the table "Antenna List" | | | |
| Contain Module | ale Intel / 7260NGW | | | |

Antenna List

| No. | Manufacturer | Part No. | Antenna Type | Peak Gain |
|-----|------------------------------|------------------------------|--------------|---------------------------|
| 1 | WIESON Technologies co., ltd | GY121HT0321-003-H (External) | Dipole | 3.19dBi For 5.15~5.35GHz |
| | | | | 4.41dBi For 5.47~5.725GHz |
| | | | | 4.22dBi For 5725-5825GHz |

Note: The antenna of EUT is conform to FCC 15.203



802.11a/n-20MHz Center Working Frequency of Each Channel:

| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| Channel 36: | 5180 MHz | Channel 40: | 5200 MHz | Channel 44: | 5220 MHz | Channel 48: | 5240 MHz |
| Channel 52: | 5260 MHz | Channel 56: | 5280 MHz | Channel 60: | 5300 MHz | Channel 64: | 5320 MHz |
| Channel 100: | 5500 MHz | Channel 104: | 5520 MHz | Channel 108: | 5540 MHz | Channel 112: | 5560 MHz |
| Channel 116: | 5580 MHz | Channel 120: | 5600 MHz | Channel 124: | 5620 MHz | Channel 128: | 5640 MHz |
| Channel 132: | 5660 MHz | Channel 136: | 5680 MHz | Channel 140: | 5700 MHz | | |

802.11n-40MHz Center Working Frequency of Each Channel:

Channel Frequency Channel Frequency Channel Frequency Channel Frequency Channel 38: 5190 MHz Channel 46: 5230 MHz Channel 54: 5270 MHz Channel 62: 5310 MHz Channel 102: 5510 MHz Channel 110: 5550 MHz Channel 118: 5590 MHz Channel 126: 5630 MHz

Channel 134: 5670 MHz

802.11ac-20MHz Carrier Frequency of Each Channel:

Channel Frequency
Channel 144: 5720 MHz

802.11ac-40MHz Carrier Frequency of Each Channel:

Channel Frequency
Channel 142: 5710 MHz

802.11ac-80MHz Carrier Frequency of Each Channel:

Channel Frequency Channel Frequency Channel Frequency Channel Frequency Channel 42: 5210 MHz Channel 58: 5290 MHz Channel 106: 5530 MHz Channel 122: 5610 MHz

Channel 138: 5690 MHz



Note:

- 1. This device is an Intel® Dual Band Wireless-AC 7260, Contains functions and so on WLAN Bluetooth , This report for WLAN.
- 2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
- 3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report. (802.11a is 6Mbps \ 802.11n(20M-BW) is 14.4Mbps and 802.11n(40M-BW) is 30Mbps \ 802.11ac(20M-BW) is 14.4Mbps and 802.11ac(40M-BW) is 30Mbps \ 802.11ac(80M-BW) is 65Mbps).
- 4. At result of pretests, module supports dual-channel transmission, only the worst case is shown in the report. (802.11a is chain A)
- 5. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart E for Unlicensed National Information Infrastructure devices.
- This is to request a Class II permissive change for FCC ID: PD97260NG, PD97260NGU, originally granted on 04/22/2013.

The major change filed under this application is:

Change #1: Addition new antenna, antenna type is different with the original application.

(Antenna type: Dipole antenna)

| Test Mode | Mode 1: Transmit (802.11a-6Mbps) | |
|-----------|---|--|
| | Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) | |
| | Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) | |
| | Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) | |
| | Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) | |
| | Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) | |
| | Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) | |
| | Mode 4: Transmit (802.11ac-20BW)_ANT1) | |
| | Mode 4: Transmit (802.11ac-20BW)_ANT2) | |
| | Mode 4: Transmit (802.11ac-20BW)_ANT1+ANT2) | |
| | Mode 5: Transmit (802.11ac-40BW)_ANT1) | |
| | Mode 5: Transmit (802.11ac-40BW)_ANT2) | |
| | Mode 5: Transmit (802.11ac-40BW)_ANT1+ANT2) | |
| | Mode 6: Transmit (802.11ac-80BW)_ANT1) | |
| | Mode 6: Transmit (802.11ac-80BW)_ANT2) | |
| | Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2) | |



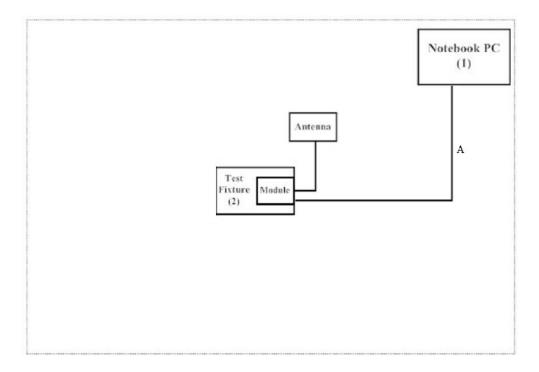
1.3. Tested System Datails

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

| Proc | luct | Manufacturer | Model No. | Serial No. | Power Cord |
|------|--------------|--------------|-----------|------------|------------|
| 1 | Notebook PC | DELL | N/A | N/A | N/A |
| 2 | Test Fixture | INTEL | N/A | N/A | N/A |

| | Signal Cable Type | Signal cable Description | |
|---|-------------------|--------------------------|--|
| A | Test Fixture Line | Non-Shielded, 1.0m | |

1.4. Configuration of tested System



1.5. EUT Exercise Software

- (1) Setup the EUT as shown in Section 1.4
- (2) Execute "DRTU Ver 1.6.1-556" program on the Notebook PC.
- (3) Configure the test mode, the test channel, and the data rate.
- (4) Press "OK" to start the continuous Transmit.
- (5) Verify that the EUT works properly.



1.6. Test Facility

Ambient conditions in the laboratory:

| Items | Required (IEC 68-1) | Actual |
|----------------------------|---------------------|----------|
| Temperature (°C) | 15-35 | 20-35 |
| Humidity (%RH) | 25-75 | 50-65 |
| Barometric pressure (mbar) | 860-1060 | 950-1000 |

The related certificate for our laboratories about the test site and management system can be downloaded from

QuieTek Corporation's Web Site: http://www.quietek.com/tw/ctg/cts/accreditations.htm

The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site: http://www.quietek.com/

Site Description: File on

Federal Communications Commission

FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046

Registration Number: 92195

Site Name: Quietek Corporation

Site Address: No.5-22, Ruishukeng Linkou Dist., New Taipei City

24451, Taiwan, R.O.C.

TEL: 886-2-8601-3788 / FAX: 886-2-8601-3789

E-Mail: service@quietek.com

FCC Accreditation Number: TW1014



2. Maximun conducted output power

2.1. Test Equipment

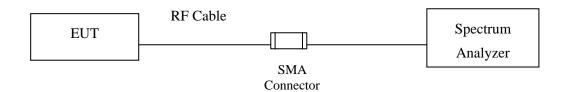
| | Equipment | Manufacturer | Model No./Serial No. | Last Cal. |
|---|-------------------|--------------|----------------------|------------|
| | Power Meter | Anritsu | ML2495A/6K00003357 | May, 2014 |
| | Power Sensor | Anritsu | MA2411B/0738448 | Jun., 2014 |
| X | Spectrum Analyzer | Agilent | N9010A / MY48030495 | Apr., 2014 |

Note:

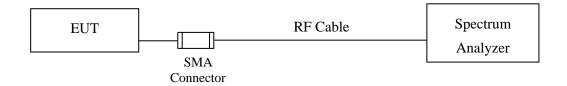
- 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
- 2. The test instruments marked with "X" are used to measure the final test results.

2.2. Test Setup

26dBc Occupied Bandwidth



Conduction Power Measurement





2.3. Limits

- (1) For the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 50 mW or 4 dBm + 10log B, where B is the 26-dB emission bandwidth in MHz. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum conducted output power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
- (2) For the band 5.25-5.35 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26-dB emission bandwidth in MHz. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum conducted output power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
- (3) For the band 5.725-5.825 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 1W or 17 dBm + 10log B, where B is the 26-dB emission bandwidth in MHz. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum conducted output power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.

2.4. Test Procedure

As an alternative to FCC KDB-789033, the EUT maximum conducted output power was measured with an average power meter employing a video bandwidth greater than 6dB BW of the emission under test. Maximum conducted output power was read directly from the meter across all data rates, and across three channels within each sub-band. Special care was used to make sure that the EUT was transmitting in continuous mode. This method exceeds the limitations of FCC KDB-789033, and provides more accurate measurements.

The Maximum conducted output power using KDB 789033 section E)3)b) Method PM-G (Measurement using a gated RF average power meter).

2.5. Uncertainty

± 1.27 dB



2.6. Test Result of Maximum conducted output power

Product : Intel® Dual Band Wireless-AC 7260
Test Item : Maximum conducted output power

Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps)

Maximum conducted output power Measurement: CHAIN A

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Outpu | nt Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|-------|----------------|--|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) | |
| 36 | 5180 | 6 | 25.200 | 13.11 | 17 | 18.01 | |
| 40 | 5200 | 6 | 26.580 | 15.33 | 17 | 18.25 | |
| 48 | 5240 | 6 | 28.275 | 15.43 | 17 | 18.51 | |
| 52 | 5260 | 6 | 24.720 | 13.11 | 24 | 24.93 | |
| 60 | 5300 | 6 | 26.325 | 15.23 | 24 | 25.20 | |
| 64 | 5320 | 6 | 25.050 | 13.31 | 24 | 24.99 | |
| 100 | 5500 | 6 | 24.525 | 12.77 | 24 | 24.90 | |
| 116 | 5580 | 6 | 28.875 | 16.06 | 24 | 25.61 | |
| 140 | 5700 | 6 | 25.950 | 12.27 | 24 | 25.14 | |



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1)

Maximum conducted output power Measurement:

CHAIN A

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Outpu | ut Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|-------|----------------|--|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) | |
| 36 | 5180 | 14.4 | 24.000 | 12.71 | 17 | 17.80 | |
| 40 | 5200 | 14.4 | 24.420 | 15.13 | 17 | 17.88 | |
| 48 | 5240 | 14.4 | 25.575 | 15.23 | 17 | 18.08 | |
| 52 | 5260 | 14.4 | 23.025 | 13.17 | 24 | 24.62 | |
| 60 | 5300 | 14.4 | 25.350 | 15.43 | 24 | 25.04 | |
| 64 | 5320 | 14.4 | 23.250 | 13.28 | 24 | 24.66 | |
| 100 | 5500 | 14.4 | 23.325 | 13.31 | 24 | 24.68 | |
| 116 | 5580 | 14.4 | 28.875 | 16.13 | 24 | 25.61 | |
| 140 | 5700 | 14.4 | 23.025 | 12.27 | 24 | 24.62 | |



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2)

Maximum conducted output power Measurement:

CHAIN B

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Outpu | t Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|-------|---------------|--|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) | |
| 36 | 5180 | 14.4 | 23.160 | 13.44 | 17 | 17.65 | |
| 40 | 5200 | 14.4 | 26.700 | 15.06 | 17 | 18.27 | |
| 48 | 5240 | 14.4 | 26.850 | 15.16 | 17 | 18.29 | |
| 52 | 5260 | 14.4 | 23.475 | 13.18 | 24 | 24.71 | |
| 60 | 5300 | 14.4 | 25.725 | 15.33 | 24 | 25.10 | |
| 64 | 5320 | 14.4 | 24.000 | 13.61 | 24 | 24.80 | |
| 100 | 5500 | 14.4 | 23.025 | 13.36 | 24 | 24.62 | |
| 116 | 5580 | 14.4 | 27.825 | 16.02 | 24 | 25.44 | |
| 140 | 5700 | 14.4 | 23.250 | 13.06 | 24 | 24.66 | |



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2)

Maximum conducted output power Measurement:

CHAIN A+B

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Chain A Power | Chain B Power | Output Power | Outpu | nt Power Limit | |
|-------------------|-----------|-----------|-------------------|------------------|------------------|-----------------|-------|----------------|--|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | (dBm) | (dBm) | dBm+10log(BW) | |
| 36 | 5180 | 14.4 | 26.280 | 8.79 | 8.23 | 11.53 | 17 | 18.20 | |
| 40 | 5200 | 14.4 | 25.860 | 10.03 | 10.02 | 13.04 | 17 | 18.13 | |
| 48 | 5240 | 14.4 | 25.575 | 10.26 | 10.21 | 13.25 | 17 | 18.08 | |
| 52 | 5260 | 14.4 | 26.625 | 7.96 | 7.83 | 10.91 | 24 | 25.25 | |
| 60 | 5300 | 14.4 | 25.500 | 10.58 | 10.63 | 13.62 | 24 | 25.07 | |
| 64 | 5320 | 14.4 | 25.575 | 8.73 | 8.36 | 11.56 | 24 | 25.08 | |
| 100 | 5500 | 14.4 | 26.325 | 11.01 | 10.67 | 13.85 | 24 | 25.20 | |
| 116 | 5580 | 14.4 | 26.775 | 13.13 | 13.17 | 16.16 | 24 | 25.28 | |
| 140 | 5700 | 14.4 | 25.425 | 10.27 | 10.76 | 13.53 | 24 | 25.05 | |

- 1. Power Output Value =Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10*LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1)

Maximum conducted output power Measurement:

CHAIN A

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Outpu | ıt Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|-------|----------------|--|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) | |
| 38 | 5190 | 30 | 40.680 | 10.04 | 17 | 20.09 | |
| 46 | 5230 | 30 | 46.560 | 15.05 | 17 | 20.68 | |
| 54 | 5270 | 30 | 41.850 | 10.15 | 24 | 27.22 | |
| 62 | 5310 | 30 | 41.985 | 11.21 | 24 | 27.23 | |
| 102 | 5510 | 30 | 42.600 | 10.17 | 24 | 27.29 | |
| 110 | 5590 | 30 | 54.600 | 16.26 | 24 | 28.37 | |
| 134 | 5670 | 30 | 46.710 | 15.11 | 24 | 27.69 | |



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2)

Maximum conducted output power Measurement:

CHAIN B

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Outpu | nt Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|-------|----------------|--|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) | |
| 38 | 5190 | 30 | 40.440 | 9.31 | 17 | 20.07 | |
| 46 | 5230 | 30 | 52.320 | 15.51 | 17 | 21.19 | |
| 54 | 5270 | 30 | 42.000 | 9.21 | 24 | 27.23 | |
| 62 | 5310 | 30 | 42.390 | 11.25 | 24 | 27.27 | |
| 102 | 5510 | 30 | 42.900 | 10.31 | 24 | 27.32 | |
| 110 | 5590 | 30 | 65.700 | 16.18 | 24 | 29.18 | |
| 134 | 5670 | 30 | 55.620 | 15.51 | 24 | 28.45 | |



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2)

Maximum conducted output power Measurement:

CHAIN A+B

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Chain A Power | Chain B Power | Output Power | Outpu | t Power Limit |
|-------------------|-----------|-----------|-------------------|------------------|------------------|-----------------|-------|---------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | (dBm) | (dBm) | dBm+10log(BW) |
| 38 | 5190 | 30 | 35.928 | 5.78 | 5.41 | 8.61 | 17 | 19.55 |
| 46 | 5230 | 30 | 35.928 | 9.08 | 8.93 | 12.02 | 17 | 19.55 |
| 54 | 5270 | 30 | 43.500 | 5.37 | 5.77 | 8.58 | 24 | 27.38 |
| 62 | 5310 | 30 | 43.335 | 6.62 | 6.13 | 9.39 | 24 | 27.37 |
| 102 | 5510 | 30 | 43.800 | 8.09 | 7.83 | 10.97 | 24 | 27.41 |
| 118 | 5590 | 30 | 43.740 | 13.13 | 13.39 | 16.27 | 24 | 27.41 |
| 134 | 5670 | 30 | 43.875 | 13.09 | 13.73 | 16.43 | 24 | 27.42 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW)
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.



Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT1)

Maximum conducted output power Measurement:

(CHAIN A)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Output Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|--------------------|---------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) |
| 144 (Band3) | 5720 | 14.4 | 24.350 | 15.12 | 22.22 | 24.86 |
| 144 (Band4) | 5720 | 14.4 | 13.360 | 9.62 | 28.02 | 28.26 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT2)

Maximum conducted output power Measurement:

(CHAIN B)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Output Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|--------------------|---------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) |
| 144 (Band3) | 5720 | 14.4 | 25.509 | 15.15 | 22.22 | 25.07 |
| 144 (Band4) | 5720 | 14.4 | 13.101 | 9.82 | 28.02 | 28.17 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT1+ANT2)

Maximum conducted output power Measurement:

(CHAIN A+B)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Chain A Power | Chain B Power | Output Power | Outp | ut Power Limit |
|-------------------|-----------|-----------|-------------------|------------------|------------------|-----------------|-------|----------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | (dBm) | (dBm) | dBm+10log(BW) |
| 144 (Band3) | 5720 | 14.4 | 15.980 | 12.43 | 12.77 | 15.61 | 24 | 23.04 |
| 144 (Band4) | 5720 | 14.4 | 5.710 | 6.95 | 7.22 | 10.10 | 30 | 24.57 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT1)

Maximum conducted output power Measurement:

(CHAIN A)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Output Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|--------------------|---------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) |
| 142 (Band3) | 5710 | 30 | 52.260 | 15.31 | 22.22 | 28.18 |
| 142 (Band4) | 5710 | 30 | 17.760 | 2.53 | 28.02 | 29.49 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT2)

Maximum conducted output power Measurement:

(CHAIN B)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Output Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|--------------------|---------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) |
| 142 (Band3) | 5710 | 30 | 47.760 | 15.63 | 22.22 | 27.79 |
| 142 (Band4) | 5710 | 30 | 9.120 | 2.30 | 28.02 | 26.60 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT1+ANT2)

Maximum conducted output power Measurement:

(CHAIN A+B)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Chain A Power | Chain B Power | Output Power | Output Power Limit | |
|-------------------|-----------|-----------|-------------------|------------------|------------------|-----------------|--------------------|---------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | (dBm) | (dBm) | dBm+10log(BW) |
| 142 (Band3) | 5710 | 30 | 35.650 | 11.06 | 13.08 | 15.20 | 24 | 26.52 |
| 142 (Band4) | 5710 | 30 | 6.060 | 0.19 | 0.10 | 3.16 | 30 | 24.82 |

Note:

- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)

Maximum conducted output power Measurement:

(CHAIN A)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Output Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|--------------------|---------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) |
| 42 | 5210 | 65 | 80.880 | 7.79 | 28.02 | 36.08 |
| 58 | 5290 | 65 | 80.880 | 10.62 | 28.02 | 36.08 |
| 106 | 5530 | 65 | 81.000 | 8.51 | 22.22 | 30.08 |
| 138 (Band3) | 5690 | 65 | 85.400 | 13.67 | 22.22 | 30.31 |
| 138 (Band4) | 5690 | 65 | 5.800 | -3.78 | 28.02 | 24.63 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2)

Maximum conducted output power Measurement:

(CHAIN B)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Output Power | Output Power Limit | |
|-------------------|-----------|-----------|-------------------|-----------------|--------------------|---------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) |
| 42 | 5210 | 65 | 80.640 | 7.64 | 28.02 | 36.07 |
| 58 | 5290 | 65 | 80.880 | 10.24 | 28.02 | 36.08 |
| 106 | 5530 | 65 | 81.270 | 9.10 | 22.22 | 30.10 |
| 138 (Band3) | 5690 | 65 | 83.480 | 13.55 | 22.22 | 30.22 |
| 138 (Band4) | 5690 | 65 | 5.800 | -3.29 | 28.02 | 24.63 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)

Maximum conducted output power Measurement:

(CHAIN A+B)

| Channel Number | Frequency | Data Rate | 26dB Bandwidth | Chain A Power | Chain B Power | Output Power | Outp | ut Power Limit |
|-------------------|-----------|-----------|-------------------|------------------|------------------|-----------------|-------|----------------|
| | (MHz) | (Mbps) | (MHz) | (dBm) | (dBm) | (dBm) | (dBm) | dBm+10log(BW) |
| 42 | 5210 | 65 | 81.360 | 3.60 | 2.63 | 6.15 | 24 | 30.10 |
| 58 | 5290 | 65 | 81.600 | 6.09 | 6.13 | 9.12 | 24 | 30.12 |
| 106 | 5530 | 65 | 81.270 | 6.58 | 6.84 | 9.72 | 24 | 30.10 |
| 138 (Band3) | 5690 | 65 | 75.560 | 13.32 | 13.56 | 16.45 | 24 | 29.78 |
| 138 (Band4) | 5690 | 65 | 5.560 | -3.76 | -2.90 | -0.30 | 30 | 24.45 |

- 1. Power Output Value = Reading value on average power meter + cable loss
- 2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
- 3. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.
- 4. According to KDB 644545 D01 Guidance for IEEE 802.11ac v01, the operation channel work across the 5470-5725 MHz and 5725-5825 MHz band, the operation channel 5725 MHz is a dividing point, must each meet the band limits.



3. Radiated Emission

3.1. Test Equipment

The following test equipments are used during the radiated emission test:

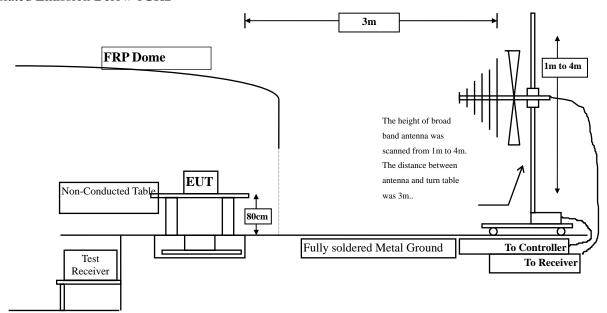
| Test Site | | Equipment | Manufacturer | Model No./Serial No. | Last Cal. |
|-----------|---|-------------------|-----------------|--------------------------------|------------|
| ⊠Site # 3 | X | Loop Antenna | Teseq | HLA6120 / 26739 | Jul., 2014 |
| | X | Bilog Antenna | Schaffner Chase | CBL6112B/2673 | Sep., 2014 |
| | X | Horn Antenna | Schwarzbeck | BBHA9120D/D305 | Sep., 2014 |
| | X | Horn Antenna | Schwarzbeck | BBHA9170/208 | Jul., 2014 |
| | X | Pre-Amplifier | QTK | QTK-AMP-03 / 0003 | May, 2014 |
| | X | Pre-Amplifier | QTK | AP-180C / CHM_0906076 | Sep., 2014 |
| | X | Pre-Amplifier | MITEQ | AMF-4D-180400-45-6P/ 925975 | Mar., 2014 |
| | X | Spectrum Analyzer | Agilent | E4407B / US39440758 | May, 2014 |
| | X | Test Receiver | R & S | ESCS 30/ 825442/018 | Sep., 2014 |
| | X | Coaxial Cable | QuieTek | QTK-CABLE/ CAB5 | Feb., 2014 |
| | X | Controller | QuieTek | QTK-CONTROLLER/ CTRL3 | N/A |
| | X | Coaxial Switch | Anritsu | MP59B/6200265729 | N/A |

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. The test instruments marked with "X" are used to measure the final test results.

3.2. Test Setup

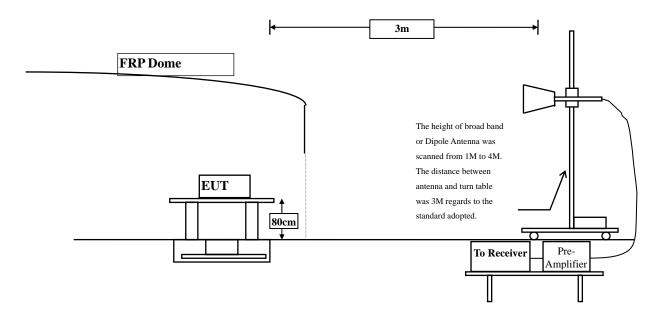
Radiated Emission Below 1GHz



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Radiated Emission Above 1GHz



3.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

| FCC Part 15 Subpart C Paragraph 15.209(a) Limits | | | | | | |
|--|--------------------|----------------------|--|--|--|--|
| Frequency MHz | Field strength | Measurement distance | | | | |
| WHIZ | (microvolts/meter) | (meter) | | | | |
| 0.009-0.490 | 2400/F(kHz) | 300 | | | | |
| 0.490-1.705 | 24000/F(kHz) | 30 | | | | |
| 1.705-30 | 30 | 30 | | | | |
| 30-88 | 100 | 40 | | | | |
| 88-216 | 150 | 43.5 | | | | |
| 216-960 | 200 | 46 | | | | |
| Above 960 | 500 | 54 | | | | |

Remarks: E field strength $(dBuV/m) = 20 \log E$ field strength (uV/m)



3.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2009 and tested according to FCC KDB-789033 test procedure for compliance to FCC 47CFR 15. 407 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2009 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna. The worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

The measurement frequency range form 9KHz - 10th Harmonic of fundamental was investigated.

3.5. Uncertainty

- ± 3.8 dB below 1GHz
- ± 3.9 dB above 1GHz



3.6. Test Result of Radiated Emission

Product : Intel® Dual Band Wireless-AC 7260
Test Item : Harmonic Radiated Emission Data

Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5180MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10360.000 | 12.930 | 36.260 | 49.190 | -24.810 | 74.000 |
| 15540.000 | * | * | * | * | 74.000 |
| 20720.000 | * | * | * | * | 74.000 |
| 25900.000 | * | * | * | * | 74.000 |
| 31080.000 | * | * | * | * | 74.000 |
| 36260.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10360.000 | 13.724 | 36.590 | 50.314 | -23.686 | 74.000 |
| 15540.000 | * | * | * | * | 74.000 |
| 20720.000 | * | * | * | * | 74.000 |
| 25900.000 | * | * | * | * | 74.000 |
| 31080.000 | * | * | * | * | 74.000 |
| 36260.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5200MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10400.000 | 12.959 | 36.190 | 49.149 | -24.851 | 74.000 |
| 15660.000 | * | * | * | * | 74.000 |
| 20880.000 | * | * | * | * | 74.000 |
| 26100.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10400.000 | 13.877 | 38.160 | 52.037 | -21.963 | 74.000 |
| 15660.000 | * | * | * | * | 74.000 |
| 20880.000 | * | * | * | * | 74.000 |
| 26100.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5240MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10480.000 | 13.693 | 36.160 | 49.854 | -24.146 | 74.000 |
| 15720.000 | * | * | * | * | 74.000 |
| 20960.000 | * | * | * | * | 74.000 |
| 26200.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10480.000 | 14.620 | 36.560 | 51.181 | -22.819 | 74.000 |
| 15720.000 | * | * | * | * | 74.000 |
| 20960.000 | * | * | * | * | 74.000 |
| 26200.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5260MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10520.000 | 14.015 | 36.260 | 50.275 | -23.725 | 74.000 |
| 15780.000 | * | * | * | * | 74.000 |
| 21040.000 | * | * | * | * | 74.000 |
| 26300.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10520.000 | 14.818 | 36.650 | 51.468 | -22.532 | 74.000 |
| 15780.000 | * | * | * | * | 74.000 |
| 21040.000 | * | * | * | * | 74.000 |
| 26300.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5300MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10600.000 | 14.550 | 35.590 | 50.139 | -23.861 | 74.000 |
| 15900.000 | * | * | * | * | 74.000 |
| 21200.000 | * | * | * | * | 74.000 |
| 26500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10600.000 | 14.881 | 36.230 | 51.111 | -22.889 | 74.000 |
| 15900.000 | * | * | * | * | 74.000 |
| 21200.000 | * | * | * | * | 74.000 |
| 26500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5320MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10640.000 | 14.690 | 35.290 | 49.980 | -24.020 | 74.000 |
| 15960.000 | * | * | * | * | 74.000 |
| 21280.000 | * | * | * | * | 74.000 |
| 26600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10640.000 | 15.083 | 36.260 | 51.343 | -22.657 | 74.000 |
| 15960.000 | * | * | * | * | 74.000 |
| 21280.000 | * | * | * | * | 74.000 |
| 26600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5500MHz)

| Horizontal Peak Detector: 11000.000 | 74.000 74.000 74.000 74.000 |
|--|--------------------------------------|
| Horizontal Peak Detector: 11000.000 16.399 36.260 52.659 -21.341 16500.000 * * * * 22000.000 * * * * 27500.000 * * * * Average Detector: Vertical | 74.000 74.000 74.000 |
| Peak Detector: 11000.000 16.399 36.260 52.659 -21.341 16500.000 * * * * 22000.000 * * * * 27500.000 * * * * Average Detector: Vertical | 74.000 74.000 |
| 11000.000 | 74.000 74.000 |
| 16500.000 | 74.000 74.000 |
| 22000.000 | 74.000 |
| 27500.000 * * * * * * * * * * * * * * * * * | |
| Average Detector: Vertical | 74.000 |
| Detector: Vertical | |
| Vertical | |
| Vertical | |
| | |
| Peak Detector: | |
| | |
| 11000.000 17.132 36.230 53.362 -20.638 | 74.000 |
| 16500.000 * * * * * | 74.000 |
| 22000.000 * * * * * | 74.000 |
| 27500.000 * * * * * | 74.000 |
| Average | |
| Detector: | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5580MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|-----------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| | аБ | dDu v | dDu V/III | db_ | dbu v/III |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11160.000 | 16.656 | 35.590 | 52.246 | -21.754 | 74.000 |
| 16740.000 | * | * | * | * | 74.000 |
| 22320.000 | * | * | * | * | 74.000 |
| 27900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11160.000 | 17.726 | 35.590 | 53.316 | -20.684 | 74.000 |
| 16740.000 | * | * | * | * | 74.000 |
| 22320.000 | * | * | * | * | 74.000 |
| 27900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5700MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | _ |
| Peak Detector: | | | | | |
| 11400.000 | 16.530 | 35.590 | 52.121 | -21.879 | 74.000 |
| 17100.000 | * | * | * | * | 74.000 |
| 22800.000 | * | * | * | * | 74.000 |
| 28500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11400.000 | 17.138 | 36.260 | 53.398 | -20.602 | 74.000 |
| 17100.000 | * | * | * | * | 74.000 |
| 22800.000 | * | * | * | * | 74.000 |
| 28500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5180MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | _ |
| Peak Detector: | | | | | |
| 10360.000 | 12.930 | 36.260 | 49.190 | -24.810 | 74.000 |
| 15540.000 | * | * | * | * | 74.000 |
| 20720.000 | * | * | * | * | 74.000 |
| 25900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10360.000 | 13.724 | 37.260 | 50.984 | -23.016 | 74.000 |
| 15540.000 | * | * | * | * | 74.000 |
| 20720.000 | * | * | * | * | 74.000 |
| 25900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5200MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10400.000 | 12.959 | 37.260 | 50.219 | -23.781 | 74.000 |
| 15660.000 | * | * | * | * | 74.000 |
| 20880.000 | * | * | * | * | 74.000 |
| 26100.000 Average Detector: | * | * | * | * | 74.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10400.000 | 13.877 | 37.260 | 51.137 | -22.863 | 74.000 |
| 15660.000 | * | * | * | * | 74.000 |
| 20880.000 | * | * | * | * | 74.000 |
| 26100.000 Average Detector: | * | * | * | * | 74.000 |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5240MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10480.000 | 13.693 | 36.260 | 49.954 | -24.046 | 74.000 |
| 15720.000 | * | * | * | * | 74.000 |
| 20960.000 | * | * | * | * | 74.000 |
| 26200.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10480.000 | 14.620 | 37.260 | 51.881 | -22.119 | 74.000 |
| 15720.000 | * | * | * | * | 74.000 |
| 20960.000 | * | * | * | * | 74.000 |
| 26200.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5260MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10520.000 | 14.015 | 36.260 | 50.275 | -23.725 | 74.000 |
| 15780.000 | * | * | * | * | 74.000 |
| 21040.000 | * | * | * | * | 74.000 |
| 26300.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10520.000 | 14.818 | 36.690 | 51.508 | -22.492 | 74.000 |
| 15780.000 | * | * | * | * | 74.000 |
| 21040.000 | * | * | * | * | 74.000 |
| 26300.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5300MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10600.000 | 14.550 | 36.696 | 51.245 | -22.755 | 74.000 |
| 15900.000 | * | * | * | * | 74.000 |
| 21200.000 | * | * | * | * | 74.000 |
| 26500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10600.000 | 14.881 | 37.230 | 52.111 | -21.889 | 74.000 |
| 15900.000 | * | * | * | * | 74.000 |
| 21200.000 | * | * | * | * | 74.000 |
| 26500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5320MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10640.000 | 14.690 | 36.360 | 51.050 | -22.950 | 74.000 |
| 15960.000 | * | * | * | * | 74.000 |
| 21280.000 | * | * | * | * | 74.000 |
| 26600.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| Detector. | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10640.000 | 15.083 | 37.260 | 52.343 | -21.657 | 74.000 |
| 15960.000 | * | * | * | * | 74.000 |
| 21280.000 | * | * | * | * | 74.000 |
| 26600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5500MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11000.000 | 16.399 | 36.256 | 52.655 | -21.345 | 74.000 |
| 16500.000 | * | * | * | * | 74.000 |
| 22000.000 | * | * | * | * | 74.000 |
| 27500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11000.000 | 17.132 | 36.250 | 53.382 | -20.618 | 74.000 |
| 16500.000 | * | * | * | * | 74.000 |
| 22000.000 | * | * | * | * | 74.000 |
| 27500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5580MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11160.000 | 16.664 | 35.980 | 52.645 | -21.355 | 74.000 |
| 16740.000 | * | * | * | * | 74.000 |
| 22320.000 | * | * | * | * | 74.000 |
| 27900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11160.000 | 17.643 | 36.260 | 53.903 | -20.097 | 74.000 |
| 16740.000 | * | * | * | * | 74.000 |
| 22320.000 | * | * | * | * | 74.000 |
| 27900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5700MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11400.000 | 16.530 | 36.020 | 52.551 | -21.449 | 74.000 |
| 17100.000 | * | * | * | * | 74.000 |
| 22800.000 | * | * | * | * | 74.000 |
| 28500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11400.000 | 17.138 | 36.230 | 53.368 | -20.632 | 74.000 |
| 17100.000 | * | * | * | * | 74.000 |
| 22800.000 | * | * | * | * | 74.000 |
| 28500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5180MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10360.000 | 12.930 | 36.120 | 49.050 | -24.950 | 74.000 |
| 15540.000 | * | * | * | * | 74.000 |
| 20720.000 | * | * | * | * | 74.000 |
| 25900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10360.000 | 13.724 | 37.120 | 50.844 | -23.156 | 74.000 |
| 15540.000 | * | * | * | * | 74.000 |
| 20720.000 | * | * | * | * | 74.000 |
| 25900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5200MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10400.000 | 12.959 | 37.120 | 50.079 | -23.921 | 74.000 |
| 15660.000 | * | * | * | * | 74.000 |
| 20880.000 | * | * | * | * | 74.000 |
| 26100.000 Average Detector: | * | * | * | * | 74.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10400.000 | 13.877 | 37.150 | 51.027 | -22.973 | 74.000 |
| 15660.000 | * | * | * | * | 74.000 |
| 20880.000 | * | * | * | * | 74.000 |
| 26100.000 Average | * | * | * | * | 74.000 |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5240MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| | | | | | |
| Peak Detector: | | | | | |
| 10480.000 | 13.693 | 36.290 | 49.984 | -24.016 | 74.000 |
| 15720.000 | * | * | * | * | 74.000 |
| 20960.000 | * | * | * | * | 74.000 |
| 26200.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10480.000 | 14.620 | 37.160 | 51.781 | -22.219 | 74.000 |
| 15720.000 | * | * | * | * | 74.000 |
| 20960.000 | * | * | * | * | 74.000 |
| 26200.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5260MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10520.000 | 14.015 | 36.260 | 50.275 | -23.725 | 74.000 |
| 15780.000 | * | * | * | * | 74.000 |
| 21040.000 | * | * | * | * | 74.000 |
| 26300.000 Average | * | * | * | * | 74.000 |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10520.000 | 14.818 | 36.590 | 51.408 | -22.592 | 74.000 |
| 15780.000 | * | * | * | * | 74.000 |
| 21040.000 | * | * | * | * | 74.000 |
| 26300.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5300MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10600.000 | 14.550 | 36.480 | 51.029 | -22.971 | 74.000 |
| 15900.000 | * | * | * | * | 74.000 |
| 21200.000 | * | * | * | * | 74.000 |
| 26500.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10600.000 | 14.881 | 37.290 | 52.171 | -21.829 | 74.000 |
| 15900.000 | * | * | * | * | 74.000 |
| 21200.000 | * | * | * | * | 74.000 |
| 26500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5320MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10640.000 | 14.690 | 36.590 | 51.280 | -22.720 | 74.000 |
| 15960.000 | * | * | * | * | 74.000 |
| 21280.000 | * | * | * | * | 74.000 |
| 26600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10640.000 | 15.083 | 37.590 | 52.673 | -21.327 | 74.000 |
| 15960.000 | * | * | * | * | 74.000 |
| 21280.000 | * | * | * | * | 74.000 |
| 26600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5500MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11000.000 | 16.399 | 36.590 | 52.989 | -21.011 | 74.000 |
| 16500.000 | * | * | * | * | 74.000 |
| 22000.000 | * | * | * | * | 74.000 |
| 27500.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11000.000 | 17.132 | 36.570 | 53.702 | -20.298 | 74.000 |
| 16500.000 | * | * | * | * | 74.000 |
| 22000.000 | * | * | * | * | 74.000 |
| 27500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5580MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11160.000 | 16.639 | 35.590 | 52.229 | -21.771 | 74.000 |
| 16740.000 | * | * | * | * | 74.000 |
| 22320.000 | * | * | * | * | 74.000 |
| 27900.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11160.000 | 17.521 | 36.190 | 53.711 | -20.289 | 74.000 |
| 16740.000 | * | * | * | * | 74.000 |
| 22320.000 | * | * | * | * | 74.000 |
| 27900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5700MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11400.000 | 16.530 | 36.590 | 53.121 | -20.879 | 74.000 |
| 17100.000 | * | * | * | * | 74.000 |
| 22800.000 | * | * | * | * | 74.000 |
| 28500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11400.000 | 17.138 | 36.230 | 53.368 | -20.632 | 74.000 |
| 17100.000 | * | * | * | * | 74.000 |
| 22800.000 | * | * | * | * | 74.000 |
| 28500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5180MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10360.000 | 12.930 | 36.230 | 49.160 | -24.840 | 74.000 |
| 15540.000 | * | * | * | * | 74.000 |
| 20720.000 | * | * | * | * | 74.000 |
| 25900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10360.000 | 13.724 | 35.230 | 48.954 | -25.046 | 74.000 |
| 15540.000 | * | * | * | * | 74.000 |
| 20720.000 | * | * | * | * | 74.000 |
| 25900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5200MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10400.000 | 13.322 | 36.590 | 49.912 | -24.088 | 74.000 |
| 15660.000 | * | * | * | * | 74.000 |
| 20880.000 | * | * | * | * | 74.000 |
| 26100.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10400.000 | 14.245 | 36.550 | 50.795 | -23.205 | 74.000 |
| 15660.000 | * | * | * | * | 74.000 |
| 20880.000 | * | * | * | * | 74.000 |
| 26100.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5240MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10480.000 | 13.693 | 36.260 | 49.954 | -24.046 | 74.000 |
| 15720.000 | * | * | * | * | 74.000 |
| 20960.000 | * | * | * | * | 74.000 |
| 26200.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10480.000 | 14.620 | 36.540 | 51.161 | -22.839 | 74.000 |
| 15720.000 | * | * | * | * | 74.000 |
| 20960.000 | * | * | * | * | 74.000 |
| 26200.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5260MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10520.000 | 14.015 | 36.230 | 50.245 | -23.755 | 74.000 |
| 15780.000 | * | * | * | * | 74.000 |
| 21040.000 | * | * | * | * | 74.000 |
| 26300.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10520.000 | 14.818 | 36.510 | 51.328 | -22.672 | 74.000 |
| 15780.000 | * | * | * | * | 74.000 |
| 21040.000 | * | * | * | * | 74.000 |
| 26300.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5300MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|-----------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| - | db_ | aba v | dDu V/III | GD. | dDd v/III |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10600.000 | 14.550 | 36.530 | 51.079 | -22.921 | 74.000 |
| 15900.000 | * | * | * | * | 74.000 |
| 21200.000 | * | * | * | * | 74.000 |
| 26500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10600.000 | 14.881 | 36.230 | 51.111 | -22.889 | 74.000 |
| 15900.000 | * | * | * | * | 74.000 |
| 21200.000 | * | * | * | * | 74.000 |
| 26500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5320MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10640.000 | 14.690 | 36.230 | 50.920 | -23.080 | 74.000 |
| 15960.000 | * | * | * | * | 74.000 |
| 21280.000 | * | * | * | * | 74.000 |
| 26600.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10640.000 | 15.083 | 36.230 | 51.313 | -22.687 | 74.000 |
| 15960.000 | * | * | * | * | 74.000 |
| 21280.000 | * | * | * | * | 74.000 |
| 26600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5500MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11000.000 | 16.399 | 36.230 | 52.629 | -21.371 | 74.000 |
| 16500.000 | * | * | * | * | 74.000 |
| 22000.000 | * | * | * | * | 74.000 |
| 27500.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11000.000 | 17.132 | 36.210 | 53.342 | -20.658 | 74.000 |
| 16500.000 | * | * | * | * | 74.000 |
| 22000.000 | * | * | * | * | 74.000 |
| 27500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5580MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| NATI- | | | | JD. | 4DX// |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11160.000 | 17.132 | 36.210 | 53.342 | -20.658 | 74.000 |
| 16740.000 | * | * | * | * | 74.000 |
| 22320.000 | * | * | * | * | 74.000 |
| 27900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11160.000 | 17.643 | 35.230 | 52.873 | -21.127 | 74.000 |
| 16740.000 | * | * | * | * | 74.000 |
| 22320.000 | * | * | * | * | 74.000 |
| 27900.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5700MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11400.000 | 16.530 | 35.260 | 51.791 | -22.209 | 74.000 |
| 17100.000 | * | * | * | * | 74.000 |
| 22800.000 | * | * | * | * | 74.000 |
| 28500.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11400.000 | 17.138 | 36.250 | 53.388 | -20.612 | 74.000 |
| 17100.000 | * | * | * | * | 74.000 |
| 22800.000 | * | * | * | * | 74.000 |
| 28500.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5190MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|-----------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| = | ub | uDu v | dDu v/III | GD. | dDd V/III |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10380.000 | 12.939 | 36.230 | 49.169 | -24.831 | 74.000 |
| 15570.000 | * | * | * | * | 74.000 |
| 20760.000 | * | * | * | * | 74.000 |
| 25950.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10380.000 | 13.796 | 36.590 | 50.386 | -23.614 | 74.000 |
| 15570.000 | * | * | * | * | 74.000 |
| 20760.000 | * | * | * | * | 74.000 |
| 25950.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5230MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|-----------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| | UD | ибиу | UDU V/III | иь | UDU V/III |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10460.000 | 13.508 | 36.590 | 50.098 | -23.902 | 74.000 |
| 15690.000 | * | * | * | * | 74.000 |
| 20920.000 | * | * | * | * | 74.000 |
| 26150.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10460.000 | 14.433 | 37.260 | 51.693 | -22.307 | 74.000 |
| 15690.000 | * | * | * | * | 74.000 |
| 20920.000 | * | * | * | * | 74.000 |
| 26150.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5270MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10540.000 | 14.151 | 36.520 | 50.670 | -23.330 | 74.000 |
| 15810.000 | * | * | * | * | 74.000 |
| 21080.000 | * | * | * | * | 74.000 |
| 26350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10540.000 | 14.829 | 37.120 | 51.948 | -22.052 | 74.000 |
| 15810.000 | * | * | * | * | 74.000 |
| 21080.000 | * | * | * | * | 74.000 |
| 26350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5310MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10620.000 | 14.623 | 36.230 | 50.853 | -23.147 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10620.000 | 14.970 | 36.360 | 51.330 | -22.670 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5510MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|------------------|-------------------|------------------|----------------------|---------|---------|
| MII- | | | | ďΓ | 4D., V/ |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11020.000 | 16.474 | 36.230 | 52.703 | -21.297 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11020.000 | 17.224 | 36.360 | 53.584 | -20.416 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5590MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11180.000 | 16.657 | 35.230 | 51.886 | -22.114 | 74.000 |
| 16770.000 | * | * | * | * | 74.000 |
| 22360.000 | * | * | * | * | 74.000 |
| 27950.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11180.000 | 17.681 | 36.010 | 53.690 | -20.310 | 74.000 |
| 16770.000 | * | * | * | * | 74.000 |
| 22360.000 | * | * | * | * | 74.000 |
| 27950.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5670MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11340.000 | 16.408 | 36.230 | 52.637 | -21.363 | 74.000 |
| 17010.000 | * | * | * | * | 74.000 |
| 22680.000 | * | * | * | * | 74.000 |
| 28350.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11340.000 | 17.167 | 36.230 | 53.397 | -20.603 | 74.000 |
| 17010.000 | * | * | * | * | 74.000 |
| 22680.000 | * | * | * | * | 74.000 |
| 28350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5190MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10380.000 | 12.939 | 36.230 | 49.169 | -24.831 | 74.000 |
| 15570.000 | * | * | * | * | 74.000 |
| 20760.000 | * | * | * | * | 74.000 |
| 25950.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10380.000 | 13.796 | 36.290 | 50.086 | -23.914 | 74.000 |
| 15570.000 | * | * | * | * | 74.000 |
| 20760.000 | * | * | * | * | 74.000 |
| 25950.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5230MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| | | | | | |
| Peak Detector: | | | | | |
| 10460.000 | 13.508 | 36.190 | 49.698 | -24.302 | 74.000 |
| 15690.000 | * | * | * | * | 74.000 |
| 20920.000 | * | * | * | * | 74.000 |
| 26150.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10460.000 | 14.433 | 37.590 | 52.023 | -21.977 | 74.000 |
| 15690.000 | * | * | * | * | 74.000 |
| 20920.000 | * | * | * | * | 74.000 |
| 26150.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5270MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10540.000 | 14.151 | 36.190 | 50.340 | -23.660 | 74.000 |
| 15810.000 | * | * | * | * | 74.000 |
| 21080.000 | * | * | * | * | 74.000 |
| 26350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10540.000 | 14.829 | 37.590 | 52.418 | -21.582 | 74.000 |
| 15810.000 | * | * | * | * | 74.000 |
| 21080.000 | * | * | * | * | 74.000 |
| 26350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5310MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10620.000 | 14.623 | 36.580 | 51.203 | -22.797 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10620.000 | 14.970 | 36.590 | 51.560 | -22.440 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5510MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11020.000 | 16.474 | 36.590 | 53.063 | -20.937 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11020.000 | 17.224 | 36.260 | 53.484 | -20.516 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5590MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11180.000 | 16.657 | 35.590 | 52.246 | -21.754 | 74.000 |
| 16770.000 | * | * | * | * | 74.000 |
| 22360.000 | * | * | * | * | 74.000 |
| 27950.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11180.000 | 16.657 | 35.590 | 52.246 | -21.754 | 74.000 |
| 16770.000 | * | * | * | * | 74.000 |
| 22360.000 | * | * | * | * | 74.000 |
| 27950.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5670MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11340.000 | 16.408 | 36.290 | 52.697 | -21.303 | 74.000 |
| 17010.000 | * | * | * | * | 74.000 |
| 22680.000 | * | * | * | * | 74.000 |
| 28350.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11340.000 | 17.167 | 36.230 | 53.397 | -20.603 | 74.000 |
| 17010.000 | * | * | * | * | 74.000 |
| 22680.000 | * | * | * | * | 74.000 |
| 28350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5190MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|---------|
| MII- | | | | ďΓ | 4D., V/ |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10380.000 | 12.939 | 36.290 | 49.229 | -24.771 | 74.000 |
| 15570.000 | * | * | * | * | 74.000 |
| 20760.000 | * | * | * | * | 74.000 |
| 25950.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10380.000 | 13.796 | 36.220 | 50.016 | -23.984 | 74.000 |
| 15570.000 | * | * | * | * | 74.000 |
| 20760.000 | * | * | * | * | 74.000 |
| 25950.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5230MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10460.000 | 13.508 | 36.230 | 49.738 | -24.262 | 74.000 |
| 15690.000 | * | * | * | * | 74.000 |
| 20920.000 | * | * | * | * | 74.000 |
| 26150.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10460.000 | 14.433 | 35.290 | 49.723 | -24.277 | 74.000 |
| 15690.000 | * | * | * | * | 74.000 |
| 20920.000 | * | * | * | * | 74.000 |
| 26150.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5270MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|------------------|-------------------|------------------|----------------------|---------|-----------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| - | ав | uDu v | dDu v/III | αБ | dDd V/III |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10540.000 | 14.151 | 36.230 | 50.380 | -23.620 | 74.000 |
| 15810.000 | * | * | * | * | 74.000 |
| 21080.000 | * | * | * | * | 74.000 |
| 26350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10540.000 | 14.829 | 35.690 | 50.518 | -23.482 | 74.000 |
| 15810.000 | * | * | * | * | 74.000 |
| 21080.000 | * | * | * | * | 74.000 |
| 26350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5310MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10620.000 | 14.623 | 36.560 | 51.183 | -22.817 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10620.000 | 14.970 | 36.560 | 51.530 | -22.470 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5510MHz)

| Frequency | Correct | Reading Level | Measurement Level | Margin | Limit |
|------------------|---------|------------------|----------------------|---------|---------|
| | Factor | | | | 15. **/ |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11020.000 | 16.474 | 36.560 | 53.033 | -20.967 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11020.000 | 17.224 | 35.590 | 52.814 | -21.186 | 74.000 |
| 15930.000 | * | * | * | * | 74.000 |
| 21240.000 | * | * | * | * | 74.000 |
| 26550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5590MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11180.000 | 16.657 | 35.590 | 52.246 | -21.754 | 74.000 |
| 16770.000 | * | * | * | * | 74.000 |
| 22360.000 | * | * | * | * | 74.000 |
| 27950.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11180.000 | 17.681 | 36.030 | 53.710 | -20.290 | 74.000 |
| 16770.000 | * | * | * | * | 74.000 |
| 22360.000 | * | * | * | * | 74.000 |
| 27950.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5670MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11340.000 | 17.681 | 36.030 | 53.710 | -20.290 | 74.000 |
| 17010.000 | * | * | * | * | 74.000 |
| 22680.000 | * | * | * | * | 74.000 |
| 28350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11340.000 | 17.167 | 35.560 | 52.727 | -21.273 | 74.000 |
| 17010.000 | * | * | * | * | 74.000 |
| 22680.000 | * | * | * | * | 74.000 |
| 28350.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT1) (5720MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11440.000 | 16.779 | 33.309 | 50.088 | -23.912 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11440.000 | 17.519 | 34.230 | 51.749 | -22.251 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT2) (5720MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11440.000 | 16.779 | 33.260 | 50.039 | -23.961 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11440.000 | 17.519 | 34.230 | 51.749 | -22.251 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT1+ANT2) (5720MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|-----------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| | uБ | ubu v | dDu V/III | uБ | dDu v/III |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11440.000 | 16.779 | 36.230 | 53.009 | -20.991 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11440.000 | 17.519 | 35.260 | 52.779 | -21.221 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT1) (5710MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11420.000 | 16.648 | 34.260 | 50.907 | -23.093 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11420.000 | 17.311 | 34.590 | 51.900 | -22.100 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT2) (5710MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MII. | | | | σι | 4D.,V/ |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11420.000 | 16.648 | 34.290 | 50.937 | -23.063 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11420.000 | 17.311 | 34.290 | 51.600 | -22.400 | 74.000 |
| 17160.000 | * | * | * | * | 74.000 |
| 22880.000 | * | * | * | * | 74.000 |
| 28600.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT1+ANT2) (5710MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11420.000 | 16.648 | 36.230 | 52.877 | -21.123 | 74.000 |
| 17130.000 | * | * | * | * | 74.000 |
| 22840.000 | * | * | * | * | 74.000 |
| 28550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11420.000 | 17.311 | 35.690 | 53.000 | -21.000 | 74.000 |
| 17130.000 | * | * | * | * | 74.000 |
| 22840.000 | * | * | * | * | 74.000 |
| 28550.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1) (5210MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10420.000 | 13.135 | 38.260 | 51.395 | -22.605 | 74.000 |
| 15630.000 | * | * | * | * | 74.000 |
| 20840.000 | * | * | * | * | 74.000 |
| 26050.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10420.000 | 14.057 | 36.560 | 50.617 | -23.383 | 74.000 |
| 15630.000 | * | * | * | * | 74.000 |
| 20840.000 | * | * | * | * | 74.000 |
| 26050.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1) (5290MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
|) (III | Factor | Level | Level | 1D | 1D 17/ |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10580.000 | 14.423 | 36.780 | 51.203 | -22.797 | 74.000 |
| 15870.000 | * | * | * | * | 74.000 |
| 21160.000 | * | * | * | * | 74.000 |
| 26450.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10580.000 | 14.423 | 36.780 | 51.203 | -22.797 | 74.000 |
| 15870.000 | * | * | * | * | 74.000 |
| 21160.000 | * | * | * | * | 74.000 |
| 26450.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1) (5530MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11060.000 | 16.580 | 36.230 | 52.810 | -21.190 | 74.000 |
| 16590.000 | * | * | * | * | 74.000 |
| 22120.000 | * | * | * | * | 74.000 |
| 27650.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11060.000 | 17.375 | 35.690 | 53.065 | -20.935 | 74.000 |
| 16590.000 | * | * | * | * | 74.000 |
| 22120.000 | * | * | * | * | 74.000 |
| 27650.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1) (5690MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11380.000 | 16.480 | 36.560 | 53.041 | -20.959 | 74.000 |
| 17070.000 | * | * | * | * | 74.000 |
| 22760.000 | * | * | * | * | 74.000 |
| 28450.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11380.000 | 17.125 | 36.220 | 53.346 | -20.654 | 74.000 |
| 17070.000 | * | * | * | * | 74.000 |
| 22760.000 | * | * | * | * | 74.000 |
| 28450.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2) (5210MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10420.000 | 13.135 | 38.230 | 51.365 | -22.635 | 74.000 |
| 15630.000 | * | * | * | * | 74.000 |
| 20840.000 | * | * | * | * | 74.000 |
| 26050.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10420.000 | 14.057 | 37.290 | 51.347 | -22.653 | 74.000 |
| 15630.000 | * | * | * | * | 74.000 |
| 20840.000 | * | * | * | * | 74.000 |
| 26050.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2) (5290MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10580.000 | 14.423 | 38.590 | 53.013 | -20.987 | 74.000 |
| 15870.000 | * | * | * | * | 74.000 |
| 21160.000 | * | * | * | * | 74.000 |
| 26450.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10580.000 | 14.849 | 37.130 | 51.979 | -22.021 | 74.000 |
| 15870.000 | * | * | * | * | 74.000 |
| 21160.000 | * | * | * | * | 74.000 |
| 26450.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2) (5530MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|----------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11060.000 | 16.580 | 36.290 | 52.870 | -21.130 | 74.000 |
| 16590.000 | * | * | * | * | 74.000 |
| 22120.000 | * | * | * | * | 74.000 |
| 27650.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11060.000 | 17.375 | 35.230 | 52.605 | -21.395 | 74.000 |
| 16590.000 | * | * | * | * | 74.000 |
| 22120.000 | * | * | * | * | 74.000 |
| 27650.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2) (5690MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|-----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | _ |
| Peak Detector: | | | | | |
| 11380.000 | 16.480 | 35.260 | 51.741 | -22.259 | 74.000 |
| 17070.000 | * | * | * | * | 74.000 |
| 22760.000 | * | * | * | * | 74.000 |
| 28450.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11380.000 | 17.125 | 35.290 | 52.416 | -21.584 | 74.000 |
| 17070.000 | * | * | * | * | 74.000 |
| 22760.000 | * | * | * | * | 74.000 |
| 28450.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2) (5210MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10420.000 | 13.135 | 36.590 | 49.725 | -24.275 | 74.000 |
| 15630.000 | * | * | * | * | 74.000 |
| 20840.000 | * | * | * | * | 74.000 |
| 26050.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10420.000 | 14.057 | 36.560 | 50.617 | -23.383 | 74.000 |
| 15630.000 | * | * | * | * | 74.000 |
| 20840.000 | * | * | * | * | 74.000 |
| 26050.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2) (5290MHz)

| Frequency | Correct Factor | Reading Level | Measurement Level | Margin | Limit |
|-------------------|-------------------|------------------|----------------------|---------|--------|
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 10580.000 | 14.423 | 36.780 | 51.203 | -22.797 | 74.000 |
| 15870.000 | * | * | * | * | 74.000 |
| 21160.000 | * | * | * | * | 74.000 |
| 26450.000 | * | * | * | * | 74.000 |
| Average Detector: | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 10580.000 | 14.849 | 37.550 | 52.399 | -21.601 | 74.000 |
| 15870.000 | * | * | * | * | 74.000 |
| 21160.000 | * | * | * | * | 74.000 |
| 26450.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2) (5530MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11060.000 | 16.580 | 36.230 | 52.810 | -21.190 | 74.000 |
| 16590.000 | * | * | * | * | 74.000 |
| 22120.000 | * | * | * | * | 74.000 |
| 27650.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11060.000 | 17.375 | 35.690 | 53.065 | -20.935 | 74.000 |
| 16590.000 | * | * | * | * | 74.000 |
| 22120.000 | * | * | * | * | 74.000 |
| 27650.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2) (5690MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector: | | | | | |
| 11380.000 | 16.480 | 36.560 | 53.041 | -20.959 | 74.000 |
| 17070.000 | * | * | * | * | 74.000 |
| 22760.000 | * | * | * | * | 74.000 |
| 28450.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |
| | | | | | |
| Vertical | | | | | |
| Peak Detector: | | | | | |
| 11380.000 | 17.125 | 36.220 | 53.346 | -20.654 | 74.000 |
| 17070.000 | * | * | * | * | 74.000 |
| 22760.000 | * | * | * | * | 74.000 |
| 28450.000 | * | * | * | * | 74.000 |
| Average | | | | | |
| Detector: | | | | | |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5200MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 145.430 | -7.730 | 36.913 | 29.183 | -14.317 | 43.500 |
| 241.460 | -6.590 | 35.427 | 28.837 | -17.163 | 46.000 |
| 445.160 | -0.432 | 37.977 | 37.545 | -8.455 | 46.000 |
| 593.570 | 3.492 | 33.119 | 36.611 | -9.389 | 46.000 |
| 741.980 | 3.892 | 33.271 | 37.163 | -8.837 | 46.000 |
| 890.390 | 6.515 | 28.112 | 34.627 | -11.373 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 102.750 | -5.326 | 33.693 | 28.367 | -15.133 | 43.500 |
| 161.920 | -4.964 | 32.259 | 27.295 | -16.205 | 43.500 |
| 365.620 | 0.282 | 25.641 | 25.923 | -20.077 | 46.000 |
| 593.570 | -0.388 | 31.421 | 31.033 | -14.967 | 46.000 |
| 741.980 | -0.358 | 33.461 | 33.103 | -12.897 | 46.000 |
| 920.460 | 3.272 | 23.324 | 26.596 | -19.404 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5300MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 34.850 | -0.978 | 30.569 | 29.591 | -10.409 | 40.000 |
| 145.430 | -7.730 | 34.236 | 26.506 | -16.994 | 43.500 |
| 445.160 | -0.432 | 37.915 | 37.483 | -8.517 | 46.000 |
| 593.570 | 3.492 | 33.007 | 36.499 | -9.501 | 46.000 |
| 741.980 | 3.892 | 30.197 | 34.089 | -11.911 | 46.000 |
| 891.360 | 6.265 | 29.632 | 35.897 | -10.103 | 46.000 |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 44.550 | -10.527 | 41.280 | 30.753 | -9.247 | 40.000 |
| 161.920 | -4.964 | 32.207 | 27.243 | -16.257 | 43.500 |
| 216.240 | -6.051 | 37.220 | 31.169 | -14.831 | 46.000 |
| 593.570 | -0.388 | 30.270 | 29.882 | -16.118 | 46.000 |
| 741.980 | -0.358 | 33.627 | 33.269 | -12.731 | 46.000 |
| 890.390 | 1.095 | 29.244 | 30.339 | -15.661 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5500MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 144.460 | -7.703 | 34.653 | 26.950 | -16.550 | 43.500 |
| 216.240 | -10.271 | 37.192 | 26.921 | -19.079 | 46.000 |
| 445.160 | -0.432 | 37.043 | 36.611 | -9.389 | 46.000 |
| 593.570 | 3.492 | 34.326 | 37.818 | -8.182 | 46.000 |
| 741.980 | 3.892 | 32.178 | 36.070 | -9.930 | 46.000 |
| 891.360 | 6.265 | 27.545 | 33.810 | -12.190 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 44.550 | -10.527 | 41.990 | 31.463 | -8.537 | 40.000 |
| 216.240 | -6.051 | 38.143 | 32.092 | -13.908 | 46.000 |
| 380.170 | 0.962 | 24.243 | 25.205 | -20.795 | 46.000 |
| 614.910 | 1.701 | 28.672 | 30.373 | -15.627 | 46.000 |
| 741.980 | -0.358 | 33.918 | 33.560 | -12.440 | 46.000 |
| 891.360 | 0.905 | 27.729 | 28.634 | -17.366 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5200MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 295.780 | -3.655 | 22.060 | 18.405 | -27.595 | 46.000 |
| 431.580 | -2.099 | 22.155 | 20.056 | -25.944 | 46.000 |
| 497.540 | -0.273 | 21.376 | 21.103 | -24.897 | 46.000 |
| 759.440 | 4.372 | 21.384 | 25.756 | -20.244 | 46.000 |
| 930.160 | 7.187 | 20.771 | 27.958 | -18.042 | 46.000 |
| 1000.000 | 9.119 | 20.613 | 29.732 | -24.268 | 54.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 33.880 | -1.972 | 23.145 | 21.173 | -18.827 | 40.000 |
| 154.160 | -6.221 | 23.976 | 17.755 | -25.745 | 43.500 |
| 307.420 | -6.821 | 24.750 | 17.929 | -28.071 | 46.000 |
| 705.120 | 0.115 | 23.267 | 23.382 | -22.618 | 46.000 |
| 821.520 | 3.381 | 22.324 | 25.705 | -20.295 | 46.000 |
| 928.220 | 6.203 | 21.652 | 27.855 | -18.145 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5300MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 247.280 | -6.192 | 23.071 | 16.878 | -29.122 | 46.000 |
| 435.460 | -1.920 | 23.832 | 21.912 | -24.088 | 46.000 |
| 621.700 | 2.170 | 22.707 | 24.878 | -21.122 | 46.000 |
| 774.960 | 4.187 | 21.704 | 25.891 | -20.109 | 46.000 |
| 901.060 | 5.591 | 22.701 | 28.292 | -17.708 | 46.000 |
| 970.900 | 6.962 | 23.382 | 30.344 | -23.656 | 54.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 97.900 | -1.400 | 24.345 | 22.944 | -20.556 | 43.500 |
| 156.100 | -6.201 | 23.967 | 17.765 | -25.735 | 43.500 |
| 256.980 | -7.573 | 24.221 | 16.648 | -29.352 | 46.000 |
| 390.840 | -3.099 | 23.545 | 20.446 | -25.554 | 46.000 |
| 579.020 | -5.706 | 23.389 | 17.683 | -28.317 | 46.000 |
| 689.600 | 2.538 | 22.869 | 25.407 | -20.593 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) (5500MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 107.600 | -7.058 | 23.071 | 16.013 | -27.487 | 43.500 |
| 266.680 | -4.963 | 22.443 | 17.480 | -28.520 | 46.000 |
| 386.960 | -1.524 | 22.994 | 21.470 | -24.530 | 46.000 |
| 447.100 | -2.726 | 24.450 | 21.724 | -24.276 | 46.000 |
| 546.040 | 3.570 | 22.532 | 26.101 | -19.899 | 46.000 |
| 825.400 | 6.250 | 20.799 | 27.049 | -18.951 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 33.880 | -1.972 | 22.976 | 21.004 | -18.996 | 40.000 |
| 206.540 | -7.705 | 23.440 | 15.735 | -27.765 | 43.500 |
| 528.580 | -0.462 | 23.306 | 22.844 | -23.156 | 46.000 |
| 751.680 | 2.850 | 22.201 | 25.051 | -20.949 | 46.000 |
| 881.660 | 2.557 | 21.353 | 23.910 | -22.090 | 46.000 |
| 955.380 | 6.657 | 20.667 | 27.324 | -18.676 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5200MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 571.260 | 2.104 | 20.061 | 22.166 | -23.834 | 46.000 |
| 606.180 | 4.666 | 21.673 | 26.339 | -19.661 | 46.000 |
| 709.000 | 3.458 | 22.269 | 25.727 | -20.273 | 46.000 |
| 792.420 | 5.209 | 21.709 | 26.918 | -19.082 | 46.000 |
| 831.220 | 6.121 | 20.466 | 26.587 | -19.413 | 46.000 |
| 957.320 | 6.259 | 19.780 | 26.039 | -19.961 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 99.840 | -0.021 | 22.697 | 22.676 | -20.824 | 43.500 |
| 159.980 | -6.185 | 22.805 | 16.620 | -26.880 | 43.500 |
| 381.140 | -1.558 | 23.672 | 22.114 | -23.886 | 46.000 |
| 511.120 | -0.261 | 23.180 | 22.919 | -23.081 | 46.000 |
| 860.320 | 0.666 | 23.294 | 23.960 | -22.040 | 46.000 |
| 939.860 | 6.450 | 22.060 | 28.510 | -17.490 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5300MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 154.160 | -10.091 | 23.617 | 13.526 | -29.974 | 43.500 |
| 192.960 | -10.538 | 24.199 | 13.661 | -29.839 | 43.500 |
| 332.640 | -4.184 | 23.422 | 19.238 | -26.762 | 46.000 |
| 470.380 | 1.226 | 23.095 | 24.321 | -21.679 | 46.000 |
| 666.320 | 2.031 | 22.949 | 24.981 | -21.019 | 46.000 |
| 806.000 | 4.968 | 23.235 | 28.203 | -17.797 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 113.420 | -1.849 | 23.460 | 21.611 | -21.889 | 43.500 |
| 369.500 | -2.868 | 22.521 | 19.653 | -26.347 | 46.000 |
| 513.060 | -0.670 | 20.562 | 19.892 | -26.108 | 46.000 |
| 705.120 | 0.115 | 20.597 | 20.712 | -25.288 | 46.000 |
| 827.340 | 3.162 | 21.996 | 25.158 | -20.842 | 46.000 |
| 899.120 | 3.063 | 21.467 | 24.530 | -21.470 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) (5500MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 317.120 | -4.245 | 22.795 | 18.550 | -27.450 | 46.000 |
| 373.380 | -1.163 | 21.755 | 20.592 | -25.408 | 46.000 |
| 555.740 | 2.289 | 22.988 | 25.277 | -20.723 | 46.000 |
| 610.060 | 4.101 | 22.789 | 26.890 | -19.110 | 46.000 |
| 780.780 | 4.230 | 22.876 | 27.106 | -18.894 | 46.000 |
| 920.460 | 6.467 | 22.315 | 28.782 | -17.218 | 46.000 |

Vertical

Peak Detector

| 57.160 | -4.403 | 24.654 | 20.251 | -19.749 | 40.000 |
|---------|--------|--------|--------|---------|--------|
| 103.720 | -0.151 | 23.684 | 23.532 | -19.968 | 43.500 |
| 177.440 | -8.339 | 23.273 | 14.934 | -28.566 | 43.500 |
| 264.740 | -7.681 | 23.904 | 16.223 | -29.777 | 46.000 |
| 363.680 | -2.393 | 22.963 | 20.570 | -25.430 | 46.000 |
| 897.180 | 2.332 | 23.083 | 25.415 | -20.585 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5200MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 144.460 | -7.703 | 34.773 | 27.070 | -16.430 | 43.500 |
| 288.990 | -5.513 | 33.335 | 27.822 | -18.178 | 46.000 |
| 445.160 | -0.432 | 38.121 | 37.689 | -8.311 | 46.000 |
| 593.570 | 3.492 | 31.038 | 34.530 | -11.470 | 46.000 |
| 741.980 | 3.892 | 33.612 | 37.504 | -8.496 | 46.000 |
| 891.360 | 6.265 | 28.819 | 35.084 | -10.916 | 46.000 |
| Vertical | | | | | |
| Peak Detector | | | | | |
| | 10.505 | 42.200 | 21 7 62 | 0.225 | 40.000 |
| 44.550 | -10.527 | 42.290 | 31.763 | -8.237 | 40.000 |
| 108.570 | -3.762 | 32.460 | 28.698 | -14.802 | 43.500 |
| 216.240 | -6.051 | 37.947 | 31.896 | -14.104 | 46.000 |
| 614.910 | 1.701 | 28.722 | 30.423 | -15.577 | 46.000 |
| 741.980 | -0.358 | 34.128 | 33.770 | -12.230 | 46.000 |
| 891.360 | 0.905 | 30.080 | 30.985 | -15.015 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5300MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 42.610 | -7.561 | 42.379 | 34.818 | -5.182 | 40.000 |
| 216.240 | -10.271 | 37.947 | 27.676 | -18.324 | 46.000 |
| 445.160 | -0.432 | 36.090 | 35.658 | -10.342 | 46.000 |
| 593.570 | 3.492 | 27.862 | 31.354 | -14.646 | 46.000 |
| 741.980 | 3.892 | 34.544 | 38.436 | -7.564 | 46.000 |
| 891.360 | 6.265 | 30.080 | 36.345 | -9.655 | 46.000 |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 62.980 | -11.979 | 39.763 | 27.784 | -12.216 | 40.000 |
| 216.240 | -6.051 | 37.947 | 31.896 | -14.104 | 46.000 |
| 445.160 | -6.402 | 36.941 | 30.539 | -15.461 | 46.000 |
| 593.570 | -0.388 | 32.413 | 32.025 | -13.975 | 46.000 |
| 692.510 | 1.917 | 28.843 | 30.760 | -15.240 | 46.000 |
| 891.360 | 0.905 | 30.080 | 30.985 | -15.015 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) (5500MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 144.460 | -7.703 | 37.123 | 29.420 | -14.080 | 43.500 |
| 241.460 | -6.590 | 35.733 | 29.143 | -16.857 | 46.000 |
| 445.160 | -0.432 | 34.418 | 33.986 | -12.014 | 46.000 |
| 593.570 | 3.492 | 31.808 | 35.300 | -10.700 | 46.000 |
| 741.980 | 3.892 | 34.541 | 38.433 | -7.567 | 46.000 |
| 890.390 | 6.515 | 29.238 | 35.753 | -10.247 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 44.550 | -10.527 | 40.833 | 30.306 | -9.694 | 40.000 |
| 216.240 | -6.051 | 35.646 | 29.595 | -16.405 | 46.000 |
| 504.330 | -0.055 | 28.707 | 28.652 | -17.348 | 46.000 |
| 614.910 | 1.701 | 28.200 | 29.901 | -16.099 | 46.000 |
| 741.980 | -0.358 | 31.421 | 31.063 | -14.937 | 46.000 |
| 890.390 | 1.095 | 28.982 | 30.077 | -15.923 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5190MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 107.600 | -7.058 | 23.098 | 16.040 | -27.460 | 43.500 |
| 268.620 | -4.942 | 22.525 | 17.583 | -28.417 | 46.000 |
| 375.320 | -1.209 | 22.081 | 20.872 | -25.128 | 46.000 |
| 590.660 | 3.625 | 20.957 | 24.582 | -21.418 | 46.000 |
| 829.280 | 6.344 | 23.760 | 30.104 | -15.896 | 46.000 |
| 918.520 | 6.396 | 21.241 | 27.637 | -18.363 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 115.360 | -2.630 | 22.685 | 20.055 | -23.445 | 43.500 |
| 367.560 | -2.545 | 20.930 | 18.385 | -27.615 | 46.000 |
| 718.700 | -0.313 | 20.524 | 20.211 | -25.789 | 46.000 |
| 842.860 | 3.074 | 20.994 | 24.068 | -21.932 | 46.000 |
| 922.400 | 5.534 | 20.571 | 26.105 | -19.895 | 46.000 |
| 968.960 | 8.191 | 22.092 | 30.283 | -23.717 | 54.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5270MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 386.960 | -1.524 | 23.473 | 21.949 | -24.051 | 46.000 |
| 509.180 | 1.252 | 22.642 | 23.894 | -22.106 | 46.000 |
| 580.960 | 3.505 | 22.965 | 26.470 | -19.530 | 46.000 |
| 648.860 | 2.038 | 22.437 | 24.475 | -21.525 | 46.000 |
| 709.000 | 3.458 | 22.950 | 26.408 | -19.592 | 46.000 |
| 817.640 | 5.532 | 22.505 | 28.037 | -17.963 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 30.000 | 1.020 | 21.264 | 22.284 | -17.716 | 40.000 |
| 202.660 | -7.739 | 22.492 | 14.753 | -28.747 | 43.500 |
| 353.980 | -3.652 | 22.574 | 18.922 | -27.078 | 46.000 |
| 416.060 | -8.415 | 23.374 | 14.959 | -31.041 | 46.000 |
| 532.460 | -0.563 | 21.791 | 21.228 | -24.772 | 46.000 |
| 949.560 | 6.615 | 23.297 | 29.912 | -16.088 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) (5590MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 388.900 | -1.684 | 22.465 | 20.781 | -25.219 | 46.000 |
| 478.140 | -0.291 | 22.838 | 22.547 | -23.453 | 46.000 |
| 538.280 | 2.320 | 22.770 | 25.090 | -20.910 | 46.000 |
| 648.860 | 2.038 | 23.386 | 25.424 | -20.576 | 46.000 |
| 776.900 | 4.183 | 22.760 | 26.943 | -19.057 | 46.000 |
| 899.120 | 5.433 | 22.788 | 28.221 | -17.779 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 134.760 | -4.648 | 22.355 | 17.707 | -25.793 | 43.500 |
| 416.060 | -8.415 | 21.885 | 13.470 | -32.530 | 46.000 |
| 485.900 | -3.204 | 19.819 | 16.615 | -29.385 | 46.000 |
| 606.180 | -1.594 | 20.819 | 19.225 | -26.775 | 46.000 |
| 703.180 | 0.139 | 19.619 | 19.757 | -26.243 | 46.000 |
| 837.040 | 2.223 | 19.688 | 21.910 | -24.090 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5190MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 272.500 | -5.359 | 21.595 | 16.236 | -29.764 | 46.000 |
| 460.680 | 1.589 | 20.432 | 22.021 | -23.979 | 46.000 |
| 588.720 | 3.528 | 20.941 | 24.469 | -21.531 | 46.000 |
| 761.380 | 4.345 | 21.871 | 26.216 | -19.784 | 46.000 |
| 838.980 | 5.131 | 21.441 | 26.572 | -19.428 | 46.000 |
| 941.800 | 6.435 | 20.688 | 27.123 | -18.877 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 74.620 | -5.082 | 24.011 | 18.929 | -21.071 | 40.000 |
| 299.660 | -6.855 | 24.084 | 17.229 | -28.771 | 46.000 |
| 379.200 | -1.505 | 23.181 | 21.675 | -24.325 | 46.000 |
| 546.040 | -1.300 | 22.235 | 20.934 | -25.066 | 46.000 |
| 751.680 | 2.850 | 21.045 | 23.895 | -22.105 | 46.000 |
| 920.460 | 5.517 | 21.953 | 27.470 | -18.530 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5270MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 43.580 | -4.496 | 22.235 | 17.739 | -22.261 | 40.000 |
| 513.060 | 1.550 | 21.670 | 23.220 | -22.780 | 46.000 |
| 606.180 | 4.666 | 22.239 | 26.905 | -19.095 | 46.000 |
| 728.400 | 3.452 | 22.346 | 25.798 | -20.202 | 46.000 |
| 842.860 | 5.384 | 21.374 | 26.758 | -19.242 | 46.000 |
| 918.520 | 6.396 | 22.145 | 28.541 | -17.459 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 150.280 | -6.224 | 22.140 | 15.916 | -27.584 | 43.500 |
| 332.640 | -4.914 | 23.333 | 18.419 | -27.581 | 46.000 |
| 390.840 | -3.099 | 23.224 | 20.125 | -25.875 | 46.000 |
| 540.220 | 0.121 | 22.794 | 22.915 | -23.085 | 46.000 |
| 668.260 | -1.694 | 21.691 | 19.997 | -26.003 | 46.000 |
| 838.980 | 2.611 | 22.329 | 24.940 | -21.060 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) (5590MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 43.580 | -4.496 | 23.864 | 19.368 | -20.632 | 40.000 |
| 103.720 | -6.751 | 22.363 | 15.611 | -27.889 | 43.500 |
| 487.840 | -0.692 | 21.864 | 21.172 | -24.828 | 46.000 |
| 646.920 | 1.793 | 20.977 | 22.770 | -23.230 | 46.000 |
| 707.060 | 2.919 | 20.190 | 23.109 | -22.891 | 46.000 |
| 835.100 | 5.185 | 20.448 | 25.633 | -20.367 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 103.720 | -0.151 | 24.096 | 23.944 | -19.556 | 43.500 |
| 381.140 | -1.558 | 22.509 | 20.951 | -25.049 | 46.000 |
| 532.460 | -0.563 | 22.835 | 22.272 | -23.728 | 46.000 |
| 627.520 | -3.120 | 23.124 | 20.004 | -25.996 | 46.000 |
| 804.060 | 3.587 | 20.799 | 24.386 | -21.614 | 46.000 |
| 941.800 | 6.585 | 21.964 | 28.549 | -17.451 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5190MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | _ |
| Peak Detector | | | | | |
| 144.460 | -7.703 | 39.028 | 31.325 | -12.175 | 43.500 |
| 241.460 | -6.590 | 37.311 | 30.721 | -15.279 | 46.000 |
| 445.160 | -0.432 | 37.453 | 37.021 | -8.979 | 46.000 |
| 593.570 | 3.492 | 33.950 | 37.442 | -8.558 | 46.000 |
| 741.980 | 3.892 | 33.667 | 37.559 | -8.441 | 46.000 |
| 890.390 | 6.515 | 27.826 | 34.341 | -11.659 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 40.670 | -12.130 | 45.984 | 33.854 | -6.146 | 40.000 |
| 103.720 | -5.090 | 30.585 | 25.494 | -18.006 | 43.500 |
| 216.240 | -6.051 | 31.295 | 25.244 | -20.756 | 46.000 |
| 405.390 | -4.436 | 33.185 | 28.749 | -17.251 | 46.000 |
| 614.910 | 1.701 | 29.565 | 31.266 | -14.734 | 46.000 |
| 741.980 | -0.358 | 38.351 | 37.993 | -8.007 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5270MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 42.610 | -7.561 | 40.194 | 32.633 | -7.367 | 40.000 |
| 216.240 | -10.271 | 34.759 | 24.488 | -21.512 | 46.000 |
| 364.650 | 0.281 | 26.384 | 26.665 | -19.335 | 46.000 |
| 593.570 | 3.492 | 27.744 | 31.236 | -14.764 | 46.000 |
| 741.980 | 3.892 | 25.608 | 29.500 | -16.500 | 46.000 |
| 890.390 | 6.515 | 23.843 | 30.358 | -15.642 | 46.000 |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 43.580 | -10.919 | 41.530 | 30.611 | -9.389 | 40.000 |
| 216.240 | -6.051 | 36.008 | 29.957 | -16.043 | 46.000 |
| 370.470 | -0.431 | 24.151 | 23.720 | -22.280 | 46.000 |
| 614.910 | 1.701 | 27.371 | 29.072 | -16.928 | 46.000 |
| 837.040 | 1.606 | 26.560 | 28.166 | -17.834 | 46.000 |
| 950.530 | 3.124 | 24.089 | 27.212 | -18.788 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) (5590MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 41.640 | -6.175 | 40.862 | 34.688 | -5.312 | 40.000 |
| 216.240 | -10.271 | 36.130 | 25.859 | -20.141 | 46.000 |
| 405.390 | 0.794 | 26.800 | 27.594 | -18.406 | 46.000 |
| 576.110 | 3.127 | 25.293 | 28.420 | -17.580 | 46.000 |
| 741.980 | 3.892 | 33.280 | 37.172 | -8.828 | 46.000 |
| 891.360 | 6.265 | 28.383 | 34.648 | -11.352 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 84.320 | -4.204 | 31.874 | 27.670 | -12.330 | 40.000 |
| 216.240 | -6.051 | 37.206 | 31.155 | -14.845 | 46.000 |
| 511.120 | 0.783 | 26.979 | 27.762 | -18.238 | 46.000 |
| 741.980 | -0.358 | 31.313 | 30.955 | -15.045 | 46.000 |
| 890.390 | 1.095 | 26.644 | 27.739 | -18.261 | 46.000 |
| 940.830 | 3.480 | 27.003 | 30.483 | -15.517 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT1) (5720MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 107.600 | -7.058 | 22.235 | 15.177 | -28.323 | 43.500 |
| 377.260 | -1.115 | 23.098 | 21.983 | -24.017 | 46.000 |
| 458.740 | 0.833 | 22.795 | 23.628 | -22.372 | 46.000 |
| 602.300 | 4.287 | 22.074 | 26.361 | -19.639 | 46.000 |
| 689.600 | 3.628 | 20.879 | 24.507 | -21.493 | 46.000 |
| 829.280 | 6.344 | 21.546 | 27.890 | -18.110 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 377.260 | -1.765 | 23.098 | 21.333 | -24.667 | 46.000 |
| 524.700 | -0.379 | 22.987 | 22.608 | -23.392 | 46.000 |
| 689.600 | 2.538 | 22.307 | 24.845 | -21.155 | 46.000 |
| 771.080 | 3.115 | 22.403 | 25.518 | -20.482 | 46.000 |
| 920.460 | 5.517 | 22.509 | 28.026 | -17.974 | 46.000 |
| 968.960 | 8.191 | 22.201 | 30.392 | -23.608 | 54.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT2) (5720MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 256.980 | -5.073 | 23.407 | 18.334 | -27.666 | 46.000 |
| 367.560 | -1.205 | 23.306 | 22.101 | -23.899 | 46.000 |
| 470.380 | 1.226 | 23.076 | 24.302 | -21.698 | 46.000 |
| 604.240 | 4.770 | 21.648 | 26.418 | -19.582 | 46.000 |
| 718.700 | 3.537 | 23.305 | 26.842 | -19.158 | 46.000 |
| 831.220 | 6.121 | 22.754 | 28.875 | -17.125 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 156.100 | -6.201 | 22.851 | 16.649 | -26.851 | 43.500 |
| 307.420 | -6.821 | 23.389 | 16.568 | -29.432 | 46.000 |
| 410.240 | -6.616 | 23.719 | 17.103 | -28.897 | 46.000 |
| 534.400 | -0.571 | 23.155 | 22.584 | -23.416 | 46.000 |
| 617.820 | -2.327 | 22.828 | 20.501 | -25.499 | 46.000 |
| 749.740 | 2.510 | 22.471 | 24.981 | -21.019 | 46.000 |

Note:

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.

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Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT1+ANT2) (5720MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|---------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 103.720 | -8.230 | 33.748 | 25.517 | -17.983 | 43.500 |
| 241.460 | -6.590 | 35.990 | 29.400 | -16.600 | 46.000 |
| 445.160 | -0.432 | 37.184 | 36.752 | -9.248 | 46.000 |
| 593.570 | 3.492 | 34.900 | 38.392 | -7.608 | 46.000 |
| 741.980 | 3.892 | 31.077 | 34.969 | -11.031 | 46.000 |
| 890.390 | 6.515 | 30.232 | 36.747 | -9.253 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 84.320 | -4.204 | 32.854 | 28.650 | -11.350 | 40.000 |
| 216.240 | -6.051 | 37.313 | 31.262 | -14.738 | 46.000 |
| 378.230 | 0.769 | 24.459 | 25.228 | -20.772 | 46.000 |
| 593.570 | -0.388 | 30.578 | 30.190 | -15.810 | 46.000 |
| 741.980 | -0.358 | 32.363 | 32.005 | -13.995 | 46.000 |
| 940.830 | 3.480 | 26.738 | 30.218 | -15.782 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT1) (5710MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 256.980 | -5.073 | 21.683 | 16.610 | -29.390 | 46.000 |
| 350.100 | -2.332 | 21.927 | 19.595 | -26.405 | 46.000 |
| 546.040 | 3.570 | 22.502 | 26.071 | -19.929 | 46.000 |
| 676.020 | 2.911 | 21.369 | 24.280 | -21.720 | 46.000 |
| 819.580 | 5.789 | 18.963 | 24.753 | -21.247 | 46.000 |
| 930.160 | 7.187 | 20.388 | 27.575 | -18.425 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 103.720 | -0.151 | 22.789 | 22.637 | -20.863 | 43.500 |
| 383.080 | -2.184 | 22.427 | 20.243 | -25.757 | 46.000 |
| 507.240 | -0.471 | 22.311 | 21.840 | -24.160 | 46.000 |
| 689.600 | 2.538 | 21.116 | 23.654 | -22.346 | 46.000 |
| 757.500 | 2.921 | 22.184 | 25.105 | -20.895 | 46.000 |
| 930.160 | 6.477 | 21.464 | 27.941 | -18.059 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT2) (5710MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 31.940 | -0.387 | 23.910 | 23.524 | -16.476 | 40.000 |
| 468.440 | 1.195 | 24.070 | 25.265 | -20.735 | 46.000 |
| 606.180 | 4.666 | 23.111 | 27.777 | -18.223 | 46.000 |
| 792.420 | 5.209 | 23.722 | 28.931 | -17.069 | 46.000 |
| 949.560 | 6.695 | 23.672 | 30.367 | -15.633 | 46.000 |
| 1000.000 | 9.119 | 23.036 | 32.155 | -21.845 | 54.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 251.160 | -7.505 | 24.037 | 16.532 | -29.468 | 46.000 |
| 377.260 | -1.765 | 24.957 | 23.192 | -22.808 | 46.000 |
| 639.160 | -3.538 | 23.493 | 19.955 | -26.045 | 46.000 |
| 710.940 | -0.234 | 23.443 | 23.209 | -22.791 | 46.000 |
| 854.500 | 0.506 | 23.473 | 23.979 | -22.021 | 46.000 |
| 982.540 | 2.885 | 23.376 | 26.261 | -27.739 | 54.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT1+ANT2) (5710MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 103.720 | -8.230 | 33.292 | 25.061 | -18.439 | 43.500 |
| 241.460 | -6.590 | 36.001 | 29.411 | -16.589 | 46.000 |
| 445.160 | -0.432 | 38.900 | 38.468 | -7.532 | 46.000 |
| 593.570 | 3.492 | 35.533 | 39.025 | -6.975 | 46.000 |
| 741.980 | 3.892 | 34.004 | 37.896 | -8.104 | 46.000 |
| 935.010 | 6.813 | 25.099 | 31.912 | -14.088 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 102.750 | -5.326 | 32.941 | 27.615 | -15.885 | 43.500 |
| 216.240 | -6.051 | 37.548 | 31.497 | -14.503 | 46.000 |
| 374.350 | 0.224 | 26.101 | 26.325 | -19.675 | 46.000 |
| 593.570 | -0.388 | 29.926 | 29.538 | -16.462 | 46.000 |
| 787.570 | 2.719 | 24.742 | 27.461 | -18.539 | 46.000 |
| 890.390 | 1.095 | 29.445 | 30.540 | -15.460 | 46.000 |
| | | | | | |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1) (5210MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 173.560 | -9.954 | 23.148 | 13.195 | -30.305 | 43.500 |
| 266.680 | -4.963 | 24.395 | 19.432 | -26.568 | 46.000 |
| 458.740 | 0.833 | 23.318 | 24.151 | -21.849 | 46.000 |
| 610.060 | 4.101 | 22.718 | 26.819 | -19.181 | 46.000 |
| 788.540 | 5.012 | 22.403 | 27.415 | -18.585 | 46.000 |
| 879.720 | 6.115 | 23.374 | 29.489 | -16.511 | 46.000 |

Vertical

Peak Detector

| 39.700 | -1.056 | 23.593 | 22.537 | -17.463 | 40.000 |
|---------|--------|--------|--------|---------|--------|
| 107.600 | -0.318 | 24.401 | 24.083 | -19.417 | 43.500 |
| 385.020 | -2.820 | 24.522 | 21.702 | -24.298 | 46.000 |
| 610.060 | -1.579 | 22.718 | 21.139 | -24.861 | 46.000 |
| 767.200 | 2.575 | 23.768 | 26.343 | -19.657 | 46.000 |
| 879.720 | 2.335 | 23.374 | 25.709 | -20.291 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1) (5290MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 43.580 | -4.496 | 22.140 | 17.644 | -22.356 | 40.000 |
| 253.100 | -5.387 | 22.512 | 17.125 | -28.875 | 46.000 |
| 350.100 | -2.332 | 22.338 | 20.006 | -25.994 | 46.000 |
| 433.520 | -1.972 | 22.674 | 20.702 | -25.298 | 46.000 |
| 631.400 | 1.605 | 22.458 | 24.063 | -21.937 | 46.000 |
| 854.500 | 6.626 | 20.994 | 27.620 | -18.380 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 39.700 | -1.056 | 23.344 | 22.288 | -17.712 | 40.000 |
| 367.560 | -2.545 | 22.950 | 20.405 | -25.595 | 46.000 |
| 526.640 | -0.423 | 22.345 | 21.922 | -24.078 | 46.000 |
| 691.540 | 2.421 | 20.725 | 23.146 | -22.854 | 46.000 |
| 842.860 | 3.074 | 20.780 | 23.854 | -22.146 | 46.000 |
| 939.860 | 6.450 | 22.539 | 28.989 | -17.011 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1) (5690MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 43.580 | -4.496 | 23.367 | 18.871 | -21.129 | 40.000 |
| 288.020 | -4.579 | 21.775 | 17.196 | -28.804 | 46.000 |
| 357.860 | -2.084 | 21.501 | 19.417 | -26.583 | 46.000 |
| 579.020 | 3.414 | 21.637 | 25.051 | -20.949 | 46.000 |
| 666.320 | 2.031 | 21.036 | 23.068 | -22.932 | 46.000 |
| 887.480 | 6.204 | 21.942 | 28.146 | -17.854 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 109.540 | -0.418 | 23.254 | 22.836 | -20.664 | 43.500 |
| 225.940 | -8.598 | 22.363 | 13.764 | -32.236 | 46.000 |
| 344.280 | -3.171 | 23.930 | 20.760 | -25.240 | 46.000 |
| 730.340 | -0.215 | 22.221 | 22.006 | -23.994 | 46.000 |
| 827.340 | 3.162 | 22.084 | 25.246 | -20.754 | 46.000 |
| 947.620 | 6.609 | 22.040 | 28.649 | -17.351 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2) (5210MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 146.400 | -10.318 | 23.587 | 13.269 | -30.231 | 43.500 |
| 229.820 | -8.162 | 20.651 | 12.489 | -33.511 | 46.000 |
| 458.740 | 0.833 | 22.555 | 23.388 | -22.612 | 46.000 |
| 509.180 | 1.252 | 23.507 | 24.759 | -21.241 | 46.000 |
| 792.420 | 5.209 | 21.147 | 26.356 | -19.644 | 46.000 |
| 968.960 | 6.981 | 21.288 | 28.269 | -25.731 | 54.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 61.040 | -4.316 | 23.581 | 19.265 | -20.735 | 40.000 |
| 115.360 | -2.630 | 23.725 | 21.095 | -22.405 | 43.500 |
| 206.540 | -7.705 | 23.587 | 15.882 | -27.618 | 43.500 |
| 478.140 | -4.431 | 23.242 | 18.811 | -27.189 | 46.000 |
| 660.500 | -2.233 | 22.737 | 20.504 | -25.496 | 46.000 |
| 842.860 | 3.074 | 22.632 | 25.706 | -20.294 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2) (5290MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 103.720 | -6.751 | 23.719 | 16.967 | -26.533 | 43.500 |
| 154.160 | -10.091 | 23.561 | 13.470 | -30.030 | 43.500 |
| 289.960 | -4.477 | 23.058 | 18.581 | -27.419 | 46.000 |
| 373.380 | -1.163 | 21.982 | 20.819 | -25.181 | 46.000 |
| 507.240 | 0.759 | 23.826 | 24.585 | -21.415 | 46.000 |
| 660.500 | 2.097 | 22.737 | 24.834 | -21.166 | 46.000 |

Vertical

Peak Detector

| 30.000 | 1.020 | 23.142 | 24.162 | -15.838 | 40.000 |
|---------|--------|--------|--------|---------|--------|
| 158.040 | -6.191 | 23.705 | 17.514 | -25.986 | 43.500 |
| 528.580 | -0.462 | 21.418 | 20.956 | -25.044 | 46.000 |
| 608.120 | -1.576 | 22.544 | 20.968 | -25.032 | 46.000 |
| 738.100 | -0.324 | 22.007 | 21.683 | -24.317 | 46.000 |
| 856.440 | 0.562 | 22.822 | 23.384 | -22.616 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2) (5690MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 127.000 | -10.017 | 21.845 | 11.828 | -31.672 | 43.500 |
| 437.400 | -1.960 | 22.074 | 20.114 | -25.886 | 46.000 |
| 547.980 | 3.252 | 20.771 | 24.023 | -21.977 | 46.000 |
| 689.600 | 3.628 | 20.779 | 24.407 | -21.593 | 46.000 |
| 829.280 | 6.344 | 21.120 | 27.464 | -18.536 | 46.000 |
| 935.980 | 6.421 | 21.361 | 27.782 | -18.218 | 46.000 |

Vertical

Peak Detector

| 99.8 | 40 | -0.021 | 23.174 | 23.153 | -20.347 | 43.500 |
|-------|-----|--------|--------|--------|---------|--------|
| 165.8 | 800 | -7.719 | 24.049 | 16.330 | -27.170 | 43.500 |
| 346.2 | 220 | -3.093 | 23.001 | 19.908 | -26.092 | 46.000 |
| 522.7 | 760 | -0.334 | 20.958 | 20.624 | -25.376 | 46.000 |
| 707.0 |)60 | 0.089 | 23.247 | 23.336 | -22.664 | 46.000 |
| 879.7 | 720 | 2.335 | 22.625 | 24.960 | -21.040 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2) (5210MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 145.430 | -7.730 | 35.217 | 27.487 | -16.013 | 43.500 |
| 288.990 | -5.513 | 34.018 | 28.505 | -17.495 | 46.000 |
| 445.160 | -0.432 | 35.396 | 34.964 | -11.036 | 46.000 |
| 593.570 | 3.492 | 36.997 | 40.489 | -5.511 | 46.000 |
| 741.980 | 3.892 | 33.645 | 37.537 | -8.463 | 46.000 |
| 890.390 | 6.515 | 28.174 | 34.689 | -11.311 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 84.320 | -4.204 | 34.902 | 30.698 | -9.302 | 40.000 |
| 126.030 | -3.719 | 31.069 | 27.351 | -16.149 | 43.500 |
| 296.750 | -4.521 | 32.887 | 28.366 | -17.634 | 46.000 |
| 445.160 | -6.402 | 37.550 | 31.148 | -14.852 | 46.000 |
| 682.810 | 1.817 | 25.857 | 27.674 | -18.326 | 46.000 |
| 844.800 | 2.462 | 23.074 | 25.536 | -20.464 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2) (5290MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 143.490 | -7.665 | 25.649 | 17.984 | -25.516 | 43.500 |
| 276.380 | -6.526 | 35.418 | 28.892 | -17.108 | 46.000 |
| 445.160 | -0.432 | 37.276 | 36.844 | -9.156 | 46.000 |
| 593.570 | 3.492 | 33.767 | 37.259 | -8.741 | 46.000 |
| 741.980 | 3.892 | 33.804 | 37.696 | -8.304 | 46.000 |
| 884.570 | 6.531 | 22.533 | 29.064 | -16.936 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 82.380 | -4.523 | 33.515 | 28.992 | -11.008 | 40.000 |
| 126.030 | -3.719 | 34.442 | 30.724 | -12.776 | 43.500 |
| 288.990 | -5.523 | 33.467 | 27.944 | -18.056 | 46.000 |
| 505.300 | 0.056 | 27.333 | 27.389 | -18.611 | 46.000 |
| 741.980 | -0.358 | 33.804 | 33.446 | -12.554 | 46.000 |
| 891.360 | 0.905 | 30.118 | 31.023 | -14.977 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



Test Item : General Radiated Emission

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2) (5690MHz)

| Frequency | Correct | Reading | Measurement | Margin | Limit |
|----------------------|---------|---------|-------------|---------|--------|
| | Factor | Level | Level | | |
| MHz | dB | dBuV | dBuV/m | dB | dBuV/m |
| Horizontal | | | | | |
| Peak Detector | | | | | |
| 126.030 | -7.349 | 34.894 | 27.546 | -15.954 | 43.500 |
| 288.990 | -5.513 | 34.904 | 29.391 | -16.609 | 46.000 |
| 445.160 | -0.432 | 37.913 | 37.481 | -8.519 | 46.000 |
| 593.570 | 3.492 | 34.947 | 38.439 | -7.561 | 46.000 |
| 741.980 | 3.892 | 34.283 | 38.175 | -7.825 | 46.000 |
| 891.360 | 6.265 | 28.993 | 35.258 | -10.742 | 46.000 |
| | | | | | |
| Vertical | | | | | |
| Peak Detector | | | | | |
| 126.030 | -3.719 | 34.894 | 31.176 | -12.324 | 43.500 |
| 241.460 | -6.000 | 38.481 | 32.481 | -13.519 | 46.000 |
| 445.160 | -6.402 | 38.227 | 31.825 | -14.175 | 46.000 |
| 593.570 | -0.388 | 34.947 | 34.559 | -11.441 | 46.000 |
| 692.510 | 1.917 | 29.661 | 31.578 | -14.422 | 46.000 |
| 891.360 | 0.905 | 29.746 | 30.651 | -15.349 | 46.000 |

- 1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. Measurement Level = Reading Level + Correct Factor.
- 5. Correct Factor = Antenna factor + Cable loss Amplifier gain.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.
- 7. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 8. No emission found between lowest internal used/generated frequency to 30MHz.



4. Band Edge

4.1. Test Equipment

RF Radiated Measurement:

The following test equipments are used during the band edge tests:

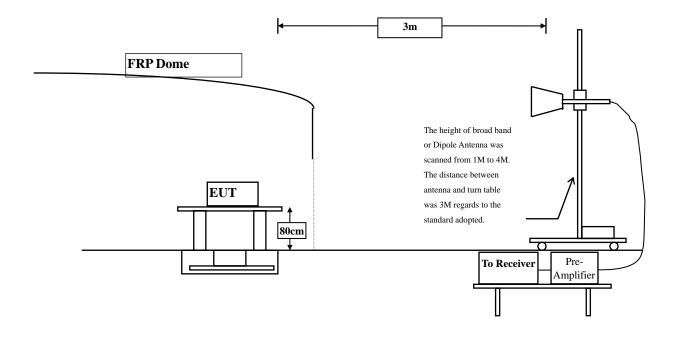
| Test Site | Equipment | | Manufacturer | Model No./Serial No. | Last Cal. |
|-----------|---------------|-------------------|-----------------|--------------------------------|------------|
| ⊠Site # 3 | Bilog Antenna | | Schaffner Chase | CBL6112B/2673 | Sep., 2014 |
| | X | Horn Antenna | Schwarzbeck | BBHA9120D/D305 | Sep., 2014 |
| | | Horn Antenna | Schwarzbeck | BBHA9170/208 | Jul., 2014 |
| | | Pre-Amplifier | QTK | QTK-AMP-03 / 0003 | May, 2014 |
| | X | Pre-Amplifier | QTK | AP-180C / CHM_0906076 | Sep., 2014 |
| | | Pre-Amplifier | MITEQ | AMF-4D-180400-45-6P/ 925975 | Mar, 2014 |
| | X | Spectrum Analyzer | Agilent | E4407B / US39440758 | May, 2014 |
| | | Test Receiver | R & S | ESCS 30/ 825442/018 | Sep., 2014 |
| | X | Coaxial Cable | QuieTek | QTK-CABLE/ CAB5 | Feb., 2014 |
| | X | Controller | QuieTek | QTK-CONTROLLER/ CTRL3 | N/A |
| | X | Coaxial Switch | Anritsu | MP59B/6200265729 | N/A |

Note:

- 1. All instruments are calibrated every one year.
- 2. The test instruments marked by "X" are used to measure the final test results.

4.2. Test Setup

RF Radiated Measurement:



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4.3. Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

| FCC Part 15 Subpart C Paragraph 15.209(a) Limits | | | | | | | | | |
|--|-----------------------------------|------------------------------|--|--|--|--|--|--|--|
| Frequency MHz | Field strength (microvolts/meter) | Measurement distance (meter) | | | | | | | |
| 0.009-0.490 | 2400/F(kHz) | 300 | | | | | | | |
| 0.490-1.705 | 24000/F(kHz) | 30 | | | | | | | |
| 1.705-30 | 30 | 30 | | | | | | | |
| 30-88 | 100 | 3 | | | | | | | |
| 88-216 | 150 | 3 | | | | | | | |
| 216-960 | 200 | 3 | | | | | | | |
| Above 960 | 500 | 3 | | | | | | | |

Remarks:

- 1. RF Voltage $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 2. In the Above Table, the tighter limit applies at the band edges.
- 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.

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2009 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz. The EUT was setup to ANSI C63.10, 2009; tested to DTS test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.



4.5. Uncertainty

 \pm 3.8 dB below 1GHz

± 3.9 dB above 1GHz

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4.6. Test Result of Band Edge

Product : Intel® Dual Band Wireless-AC 7260

Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 36

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 36 (Peak) | 5150.000 | 2.796 | 47.948 | 50.744 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5186.500 | 2.674 | 95.885 | 98.559 | - | | 1 |
| 36 (Average) | 5150.000 | 2.796 | 35.973 | 38.769 | 74.00 | 54.00 | Pass |
| 36 (Average) | 5184.000 | 2.682 | 86.240 | 88.922 | | | |

Figure Channel 36:

Horizontal (Peak)

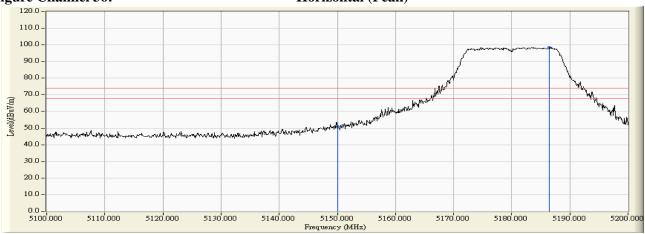
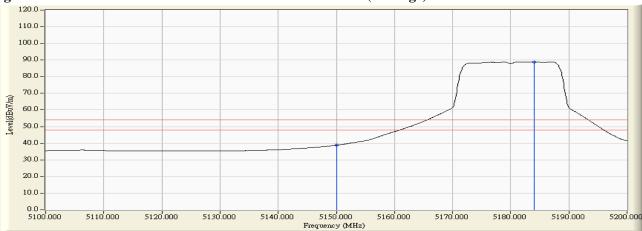


Figure Channel 36:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



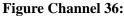
Intel® Dual Band Wireless-AC 7260 Product

Test Item Band Edge Data Test Site : No.3 OATS

Test Mode Mode 1: Transmit (802.11a-6Mbps)-Channel 36

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 36 (Peak) | 5144.200 | 3.302 | 56.754 | 60.057 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5150.000 | 3.331 | 55.742 | 59.074 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5176.400 | 3.456 | 102.419 | 105.875 | | | - |
| 36 (Average) | 5150.000 | 3.331 | 43.099 | 46.431 | 74.00 | 54.00 | Pass |
| 36 (Average) | 5179.000 | 3.467 | 92.758 | 96.226 | | | |



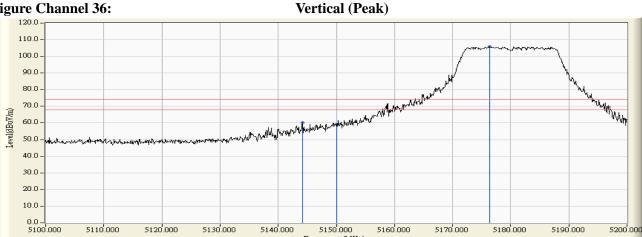


Figure Channel 36:

Vertical (Average)



- All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- "*", means this data is the worst emission level. 4.
- Measurement Level = Reading Level + Correct Factor.
- The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 64

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 64 (Peak) | 5323.800 | 3.635 | 96.785 | 100.420 | | 1 | |
| 64 (Peak) | 5350.000 | 3.575 | 51.340 | 54.915 | 74.00 | 54.00 | Pass |
| 64 (Peak) | 5352.800 | 3.563 | 53.512 | 57.075 | 74.00 | 54.00 | Pass |
| 64 (Average) | 5323.900 | 3.636 | 87.133 | 90.768 | | | |
| 64 (Average) | 5350.000 | 3.575 | 37.579 | 41.154 | 74.00 | 54.00 | Pass |

Figure Channel 64:

Horizontal (Peak)

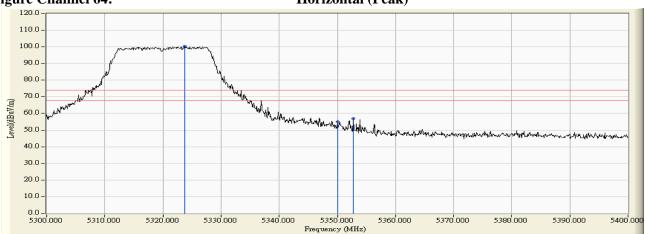
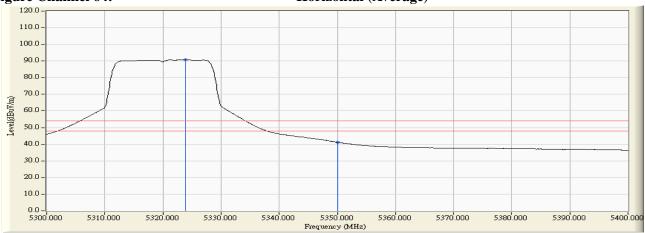


Figure Channel 64:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 64

RF Radiated Measurement (Vertical):

| Channel No. | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 64 (Peak) | 5316.600 | 3.884 | 102.586 | 106.470 | | | |
| 64 (Peak) | 5350.000 | 3.900 | 54.952 | 58.852 | 74.00 | 54.00 | Pass |
| 64 (Peak) | 5350.600 | 3.900 | 61.121 | 65.021 | 74.00 | 54.00 | Pass |
| 64 (Average) | 5324.000 | 3.890 | 92.801 | 96.691 | | | |
| 64 (Average) | 5350.000 | 3.900 | 42.752 | 46.652 | 74.00 | 54.00 | Pass |



Vertical (Peak)

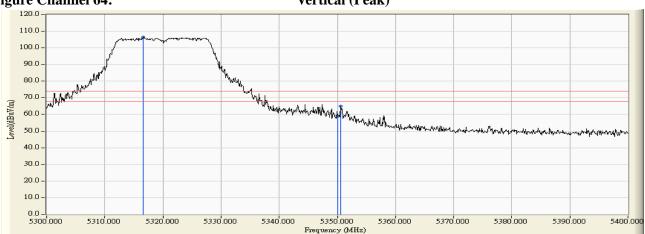
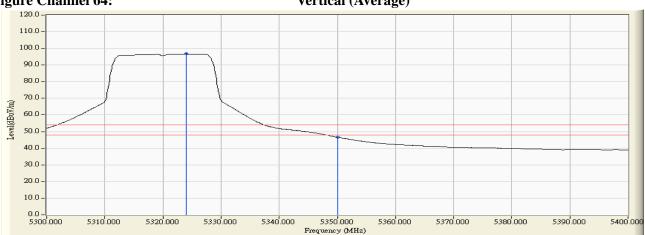


Figure Channel 64:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Chambel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 100 (Peak) | 5460.000 | 3.775 | 46.949 | 50.724 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5504.300 | 4.537 | 96.243 | 100.780 | | | |
| 100 (Average) | 5460.000 | 3.775 | 35.142 | 38.917 | 74.00 | 54.00 | Pass |
| 100 (Average) | 5503.700 | 4.528 | 86.727 | 91.256 | | | |

Figure Channel 100:

Horizontal (Peak)

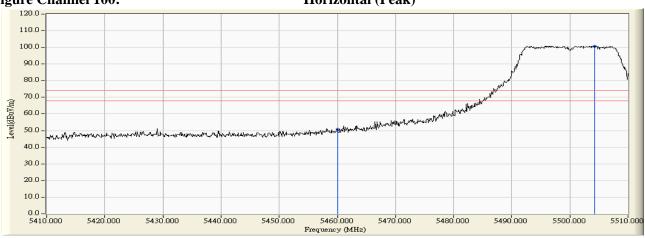
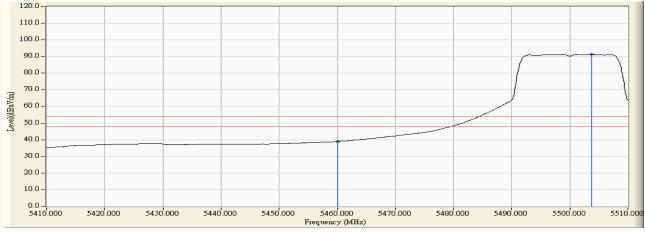


Figure Channel 100:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 100 (Peak) | 5458.600 | 3.915 | 55.380 | 59.295 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5460.000 | 3.934 | 53.303 | 57.238 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5497.500 | 4.434 | 102.610 | 107.044 | | | |
| 100 (Average) | 5460.000 | 3.934 | 39.003 | 42.938 | 74.00 | 54.00 | Pass |
| 100 (Average) | 5496.100 | 4.420 | 91.460 | 95.880 | | | |

Figure Channel 100:

Vertical (Peak)

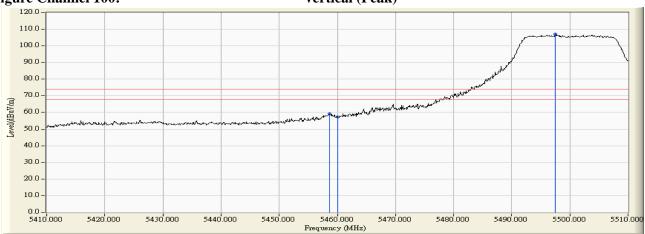
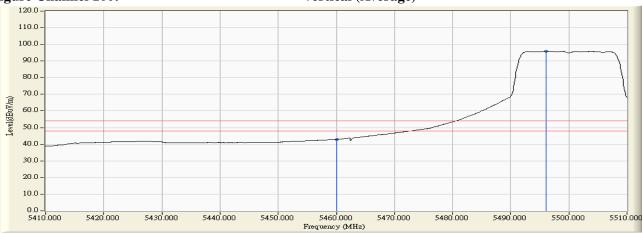


Figure Channel 100:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.334 | -76.242 | -57.908 | -30.908 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.335 | -57.390 | -38.055 | -11.055 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 140

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5725.000 | 18.649 | -77.257 | -58.608 | -31.608 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5725.000 | 19.372 | -70.516 | -51.144 | -24.144 | -27.000 | Pass |

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Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) -Channel 36

RF Radiated Measurement (Horizontal):

| | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Channel No. | 1 1 | | | | | Č | Result |
| | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 36 (Peak) | 5150.000 | 2.796 | 52.439 | 55.235 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5175.500 | 2.710 | 96.621 | 99.332 | - | | |
| 36 (Average) | 5150.000 | 2.796 | 36.612 | 39.408 | 74.00 | 54.00 | Pass |
| 36 (Average) | 5183.100 | 2.686 | 85.950 | 88.635 | | | |

Figure Channel 36:

Horizontal (Peak)

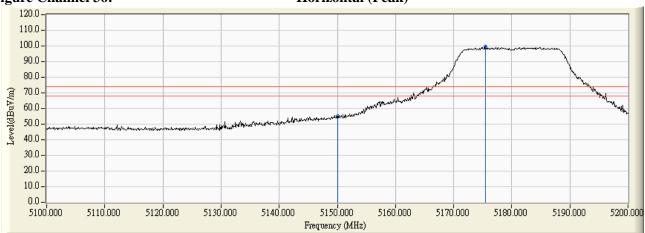
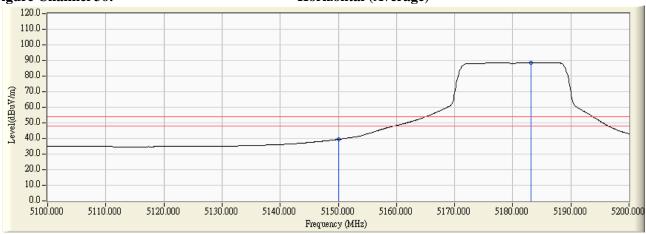


Figure Channel 36:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

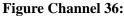


Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) -Channel 36

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Dagult |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 36 (Peak) | 5148.400 | 3.324 | 60.799 | 64.123 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5150.000 | 3.331 | 58.123 | 61.455 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5182.400 | 3.484 | 103.059 | 106.543 | | | |
| 36 (Average) | 5150.000 | 3.331 | 43.159 | 46.491 | 74.00 | 54.00 | Pass |
| 36 (Average) | 5176.800 | 3.458 | 91.908 | 95.366 | | | |



Vertical (Peak)

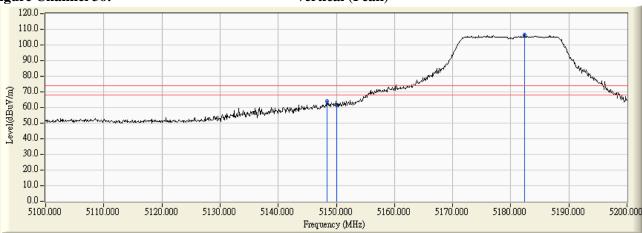
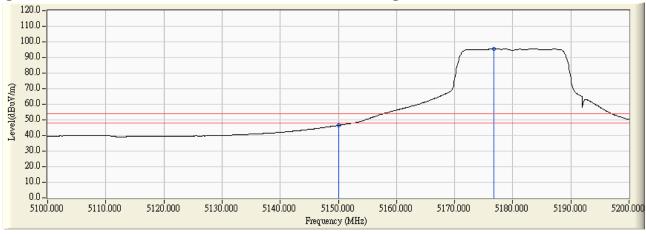


Figure Channel 36:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) -Channel 64

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 64 (Peak) | 5313.600 | 3.654 | 97.484 | 101.139 | - | | |
| 64 (Peak) | 5350.000 | 3.575 | 55.652 | 59.227 | 74.00 | 54.00 | Pass |
| 64 (Peak) | 5352.500 | 3.566 | 58.273 | 61.839 | 74.00 | 54.00 | Pass |
| 64 (Average) | 5316.600 | 3.649 | 86.493 | 90.142 | | | |
| 64 (Average) | 5350.000 | 3.575 | 39.858 | 43.433 | 74.00 | 54.00 | Pass |

Figure Channel 64:

Horizontal (Peak)

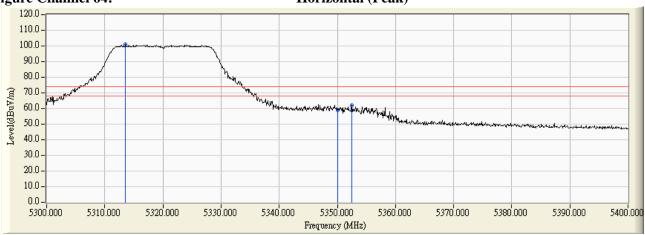
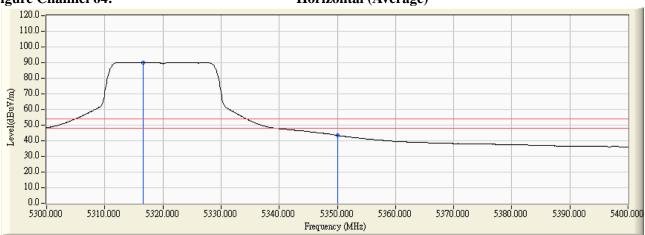


Figure Channel 64:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) -Channel 64

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 64 (Peak) | 5313.600 | 3.881 | 103.259 | 107.141 | | | |
| 64 (Peak) | 5350.000 | 3.900 | 61.099 | 64.999 | 74.00 | 54.00 | Pass |
| 64 (Peak) | 5353.900 | 3.890 | 65.849 | 69.740 | 74.00 | 54.00 | Pass |
| 64 (Average) | 5324.100 | 3.890 | 92.743 | 96.633 | | | |
| 64 (Average) | 5350.000 | 3.900 | 45.050 | 48.950 | 74.00 | 54.00 | Pass |

Figure Channel 64:

Vertical (Peak)

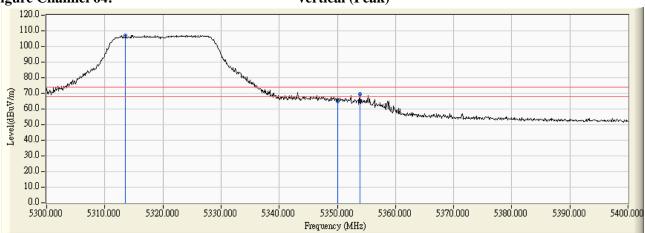
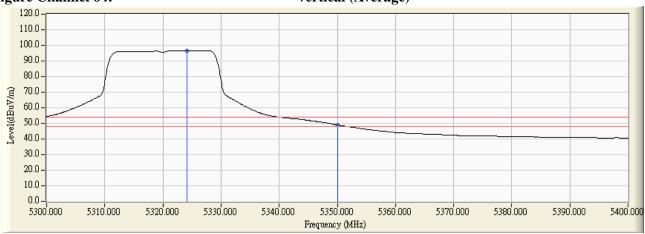


Figure Channel 64:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) -Channel 100

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 100 (Peak) | 5459.600 | 3.768 | 48.708 | 52.476 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5460.000 | 3.775 | 47.662 | 51.437 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5502.400 | 4.512 | 95.335 | 99.846 | | | |
| 100 (Average) | 5460.000 | 3.775 | 34.123 | 37.898 | 74.00 | 54.00 | Pass |
| 100 (Average) | 5493.000 | 4.384 | 84.797 | 89.181 | | | |

Figure Channel 100:

Horizontal (Peak)

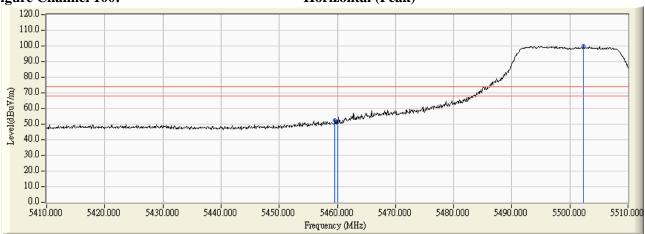
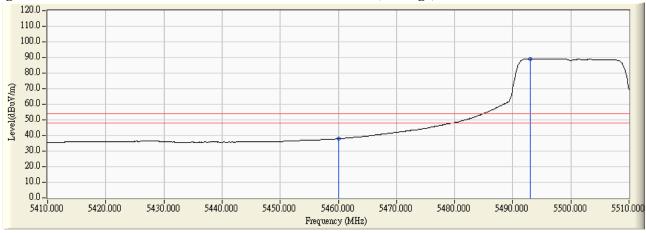


Figure Channel 100:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) -Channel 100

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 100 (Peak) | 5459.600 | 3.930 | 56.993 | 60.922 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5460.000 | 3.934 | 52.943 | 56.878 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5502.600 | 4.486 | 102.759 | 107.246 | | | |
| 100 (Average) | 5460.000 | 3.934 | 39.975 | 43.910 | 74.00 | 54.00 | Pass |
| 100 (Average) | 5496.000 | 4.419 | 91.725 | 96.144 | | | |

Figure Channel 100:

Vertical (Peak)

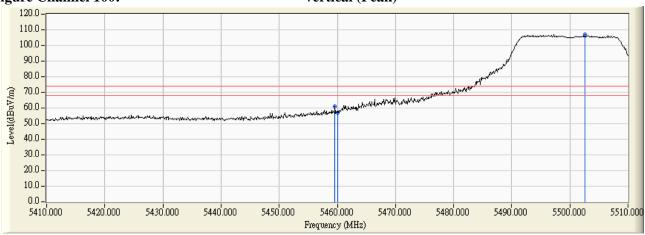
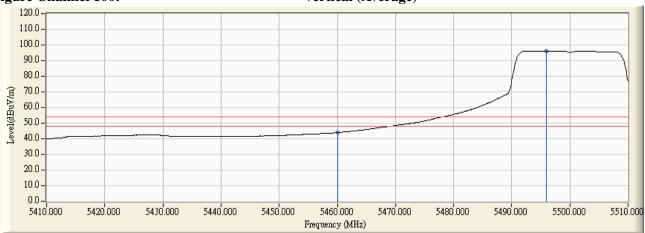


Figure Channel 100:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) -Channel 36

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamie No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 36 (Peak) | 5149.300 | 2.799 | 55.830 | 58.629 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5150.000 | 2.796 | 52.887 | 55.683 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5187.100 | 2.672 | 97.784 | 100.456 | - | | |
| 36 (Average) | 5150.000 | 2.796 | 40.042 | 42.838 | 74.00 | 54.00 | Pass |
| 36 (Average) | 5187.300 | 2.671 | 86.825 | 89.496 | - | | |

Figure Channel 36:

Horizontal (Peak)

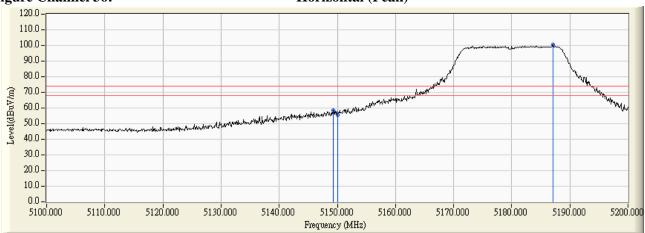
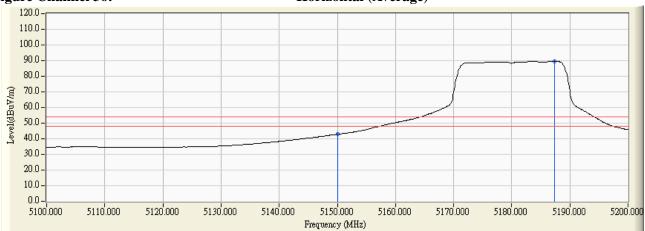


Figure Channel 36:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

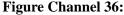


Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) -Channel 36

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Dagult |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 36 (Peak) | 5150.000 | 3.331 | 58.496 | 61.828 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5177.400 | 3.461 | 99.363 | 102.823 | | | |
| 36 (Average) | 5150.000 | 3.331 | 43.014 | 46.346 | 74.00 | 54.00 | Pass |
| 36 (Average) | 5187.300 | 3.507 | 88.797 | 92.304 | | | |



Vertical (Peak)

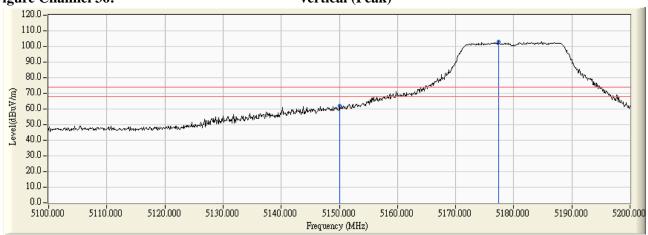


Figure Channel 36:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) -Channel 64

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 64 (Peak) | 5318.400 | 3.646 | 97.304 | 100.950 | - | | |
| 64 (Peak) | 5350.000 | 3.575 | 52.690 | 56.265 | 74.00 | 54.00 | Pass |
| 64 (Peak) | 5353.200 | 3.561 | 55.964 | 59.524 | 74.00 | 54.00 | Pass |
| 64 (Average) | 5316.200 | 3.650 | 85.812 | 89.462 | | | |
| 64 (Average) | 5350.000 | 3.575 | 35.848 | 39.423 | 74.00 | 54.00 | Pass |

Figure Channel 64:

Horizontal (Peak)

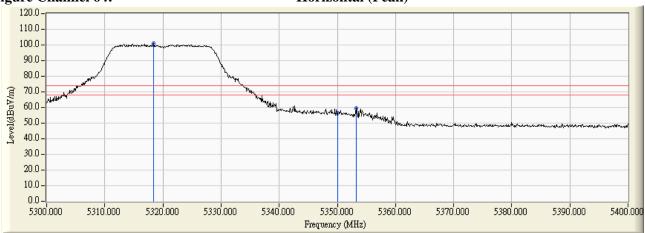
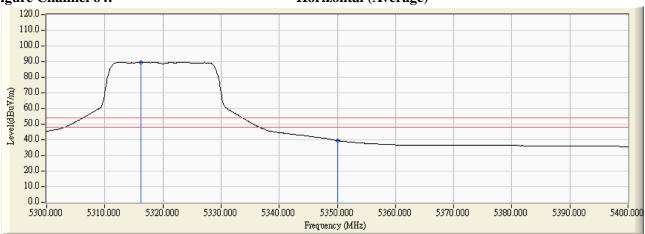


Figure Channel 64:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) -Channel 64

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 64 (Peak) | 5316.000 | 3.884 | 99.105 | 102.989 | | | |
| 64 (Peak) | 5350.000 | 3.900 | 55.433 | 59.333 | 74.00 | 54.00 | Pass |
| 64 (Peak) | 5351.100 | 3.900 | 58.038 | 61.938 | 74.00 | 54.00 | Pass |
| 64 (Average) | 5324.000 | 3.890 | 88.592 | 92.482 | | | |
| 64 (Average) | 5350.000 | 3.900 | 38.226 | 42.126 | 74.00 | 54.00 | Pass |

Figure Channel 64:

Vertical (Peak)

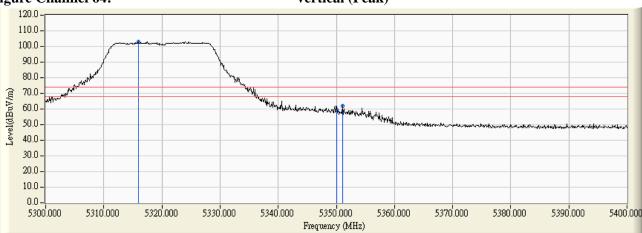
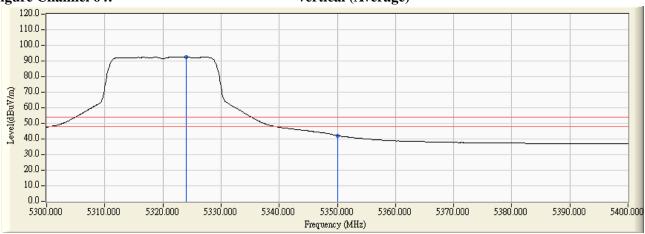


Figure Channel 64:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) -Channel 100

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 100 (Peak) | 5458.400 | 3.745 | 52.907 | 56.651 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5460.000 | 3.775 | 49.816 | 53.591 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5497.000 | 4.438 | 98.487 | 102.925 | | | |
| 100 (Average) | 5460.000 | 3.775 | 36.573 | 40.348 | 74.00 | 54.00 | Pass |
| 100 (Average) | 5504.000 | 4.533 | 87.924 | 92.457 | | | |

Figure Channel 100:

Horizontal (Peak)

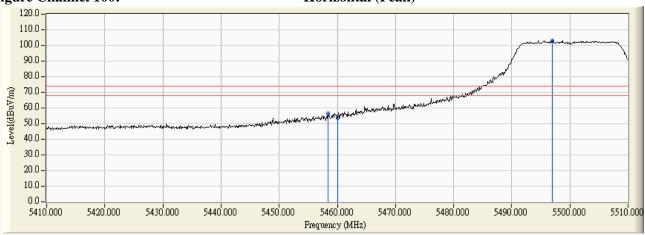


Figure Channel 100:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

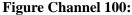


Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) -Channel 100

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 100 (Peak) | 5459.500 | 3.928 | 54.408 | 58.336 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5460.000 | 3.934 | 51.635 | 55.570 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5505.000 | 4.511 | 101.283 | 105.794 | | | |
| 100 (Average) | 5460.000 | 3.934 | 37.692 | 41.627 | 74.00 | 54.00 | Pass |
| 100 (Average) | 5504.000 | 4.501 | 90.312 | 94.813 | | | |



Vertical (Peak)

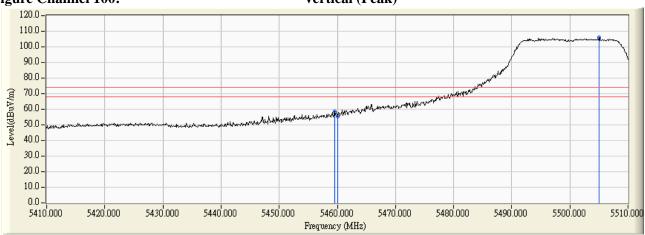
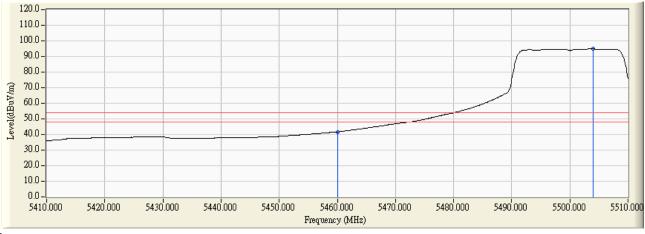


Figure Channel 100:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

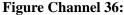


Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) -Channel 36

RF Radiated Measurement (Horizontal):

| | Г | C + F + | D 1' T 1 | г · · т 1 | D 1 T ' '4 | A T, | |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 36 (Peak) | 5150.000 | 2.796 | 45.216 | 48.012 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5176.700 | 2.707 | 95.241 | 97.948 | - | | 1 |
| 36 (Average) | 5150.000 | 2.796 | 32.420 | 35.216 | 74.00 | 54.00 | Pass |
| 36 (Average) | 5178.800 | 2.699 | 81.894 | 84.594 | | | |



Horizontal (Peak)

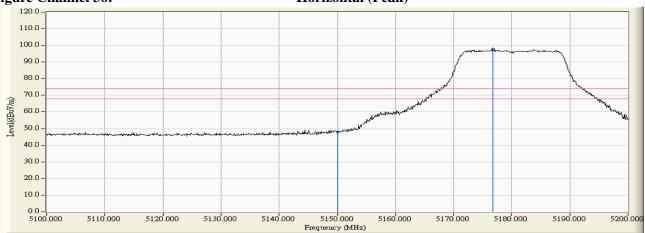
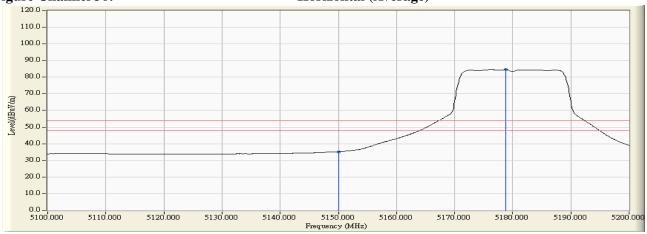


Figure Channel 36:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

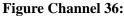


Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) -Channel 36

RF Radiated Measurement (Vertical):

| Channal No | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Dagult |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 36 (Peak) | 5148.300 | 3.323 | 51.467 | 54.791 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5150.000 | 3.331 | 49.084 | 52.416 | 74.00 | 54.00 | Pass |
| 36 (Peak) | 5186.100 | 3.502 | 100.041 | 103.543 | | | |
| 36 (Average) | 5150.000 | 3.331 | 36.685 | 40.017 | 74.00 | 54.00 | Pass |
| 36 (Average) | 5187.200 | 3.507 | 87.165 | 90.672 | 1 | | |



Vertical (Peak)

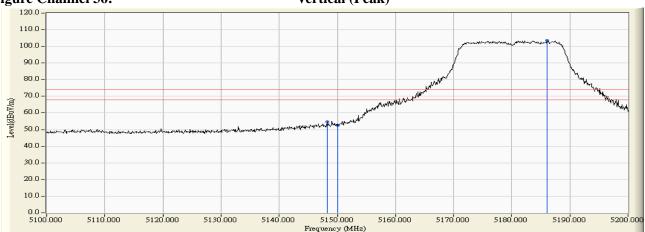
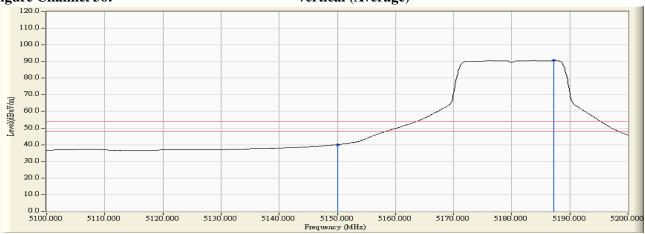


Figure Channel 36:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) -Channel 64

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 64 (Peak) | 5327.400 | 3.629 | 94.612 | 98.241 | - | | |
| 64 (Peak) | 5350.000 | 3.575 | 45.520 | 49.095 | 74.00 | 54.00 | Pass |
| 64 (Peak) | 5355.100 | 3.545 | 49.652 | 53.197 | 74.00 | 54.00 | Pass |
| 64 (Average) | 5327.200 | 3.628 | 81.632 | 85.261 | | | |
| 64 (Average) | 5350.000 | 3.575 | 33.041 | 36.616 | 74.00 | 54.00 | Pass |

Figure Channel 64:

Horizontal (Peak)

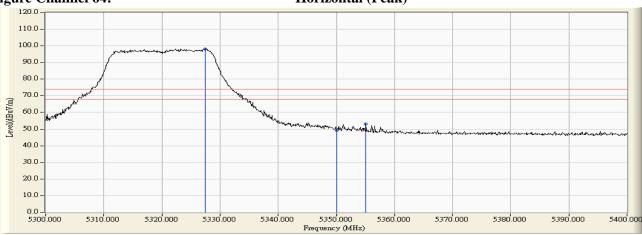
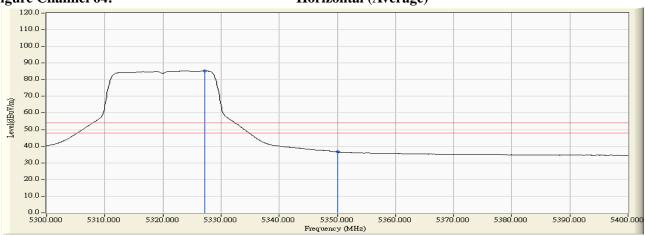


Figure Channel 64:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) -Channel 64

RF Radiated Measurement (Vertical):

| Channel No. | 1 | | _ | Emission Level | | _ | Result |
|--------------|----------|-------|---------|----------------|----------|----------|--------|
| Chamier 110. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 64 (Peak) | 5313.100 | 3.882 | 101.181 | 105.062 | | | |
| 64 (Peak) | 5350.000 | 3.900 | 53.194 | 57.094 | 74.00 | 54.00 | Pass |
| 64 (Average) | 5323.200 | 3.890 | 88.183 | 92.072 | | | |
| 64 (Average) | 5350.000 | 3.900 | 36.823 | 40.723 | 74.00 | 54.00 | Pass |

Figure Channel 64:

Vertical (Peak)

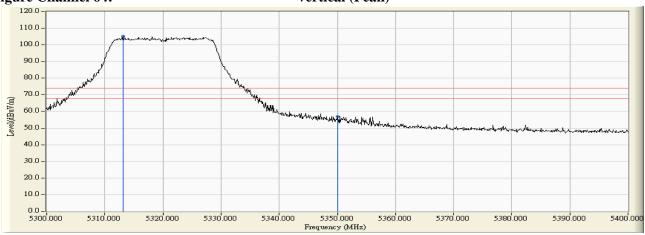
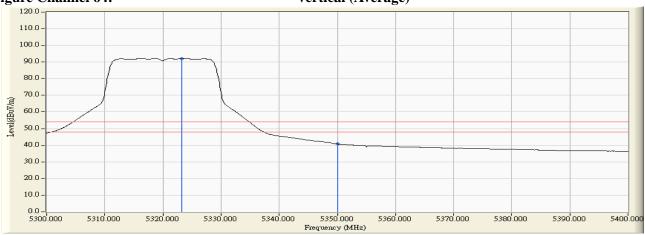


Figure Channel 64:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) -Channel 100

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 100 (Peak) | 5460.000 | 3.775 | 46.413 | 50.188 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5496.800 | 4.436 | 98.740 | 103.175 | | | |
| 100 (Average) | 5460.000 | 3.775 | 33.562 | 37.337 | 74.00 | 54.00 | Pass |
| 100 (Average) | 5503.700 | 4.528 | 85.472 | 90.001 | | | |

Figure Channel 100:

Horizontal (Peak)

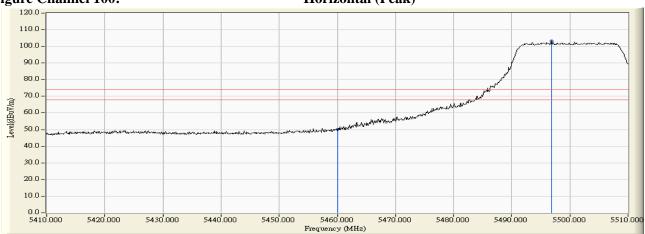
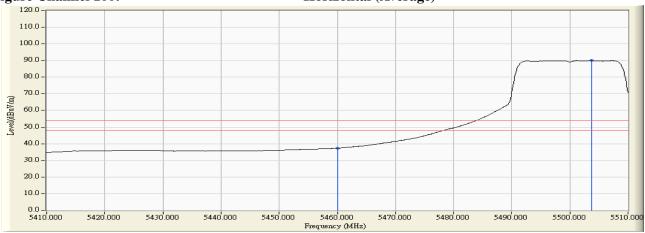


Figure Channel 100:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) -Channel 100

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 100 (Peak) | 5460.000 | 3.934 | 49.788 | 53.723 | 74.00 | 54.00 | Pass |
| 100 (Peak) | 5504.200 | 4.503 | 100.982 | 105.485 | | | |
| 100 (Average) | 5460.000 | 3.934 | 36.453 | 40.388 | 74.00 | 54.00 | Pass |
| 100 (Average) | 5503.400 | 4.495 | 88.324 | 92.819 | | | |

Figure Channel 100:

Vertical (Peak)

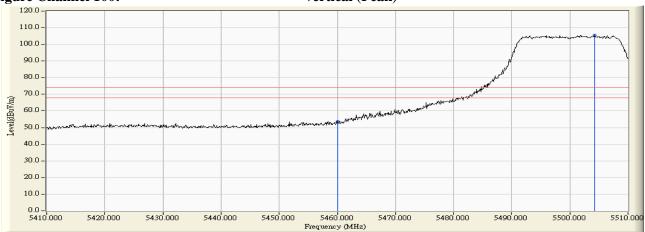
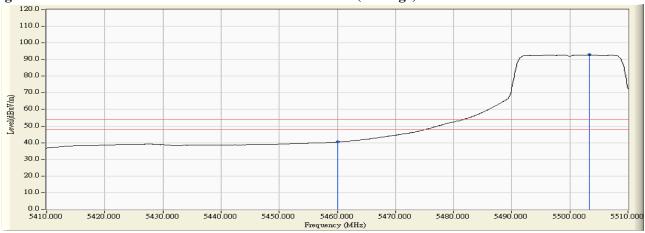


Figure Channel 100:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) -Channel 100

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.334 | -68.230 | -49.896 | -22.896 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.335 | -68.020 | -48.685 | -21.685 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) -Channel 100

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.334 | -67.330 | -48.996 | -21.996 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.335 | -67.440 | -48.105 | -21.105 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) -Channel 100

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.334 | -77.600 | -59.266 | -32.266 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.335 | -68.640 | -49.305 | -22.305 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1) -Channel 140

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Horizontal | 5725.000 | 18.649 | -68.020 | -49.371 | -22.371 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5725.000 | 19.372 | -65.030 | -45.658 | -18.658 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT2) -Channel 140

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5725.000 | 18.649 | -67.240 | -48.591 | -21.591 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5725.000 | 19.372 | -67.680 | -48.308 | -21.308 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)_ANT1+ANT2) -Channel 140

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5725.000 | 18.649 | -77.832 | -59.183 | -32.183 | -27.000 | Pass |

| - | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|---|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| | Vertical | 5725.000 | 19.372 | -72.304 | -52.932 | -25.932 | -27.000 | Pass |

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Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) -Channel 38

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamie No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 38 (Peak) | 5150.000 | 2.796 | 54.629 | 57.425 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5194.000 | 2.650 | 91.899 | 94.549 | | | |
| 38 (Average) | 5150.000 | 2.796 | 38.924 | 41.720 | 74.00 | 54.00 | Pass |
| 38 (Average) | 5193.400 | 2.652 | 80.503 | 83.155 | | | |

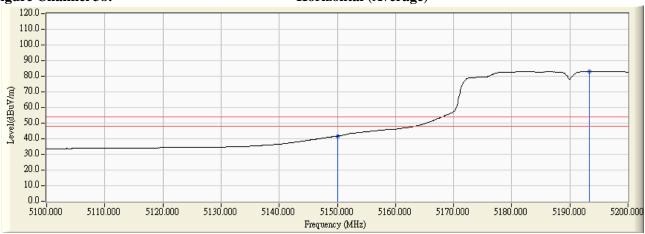
Figure Channel 38:

Horizontal (Peak)



Figure Channel 38:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) -Channel 38

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamie No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 38 (Peak) | 5150.000 | 3.331 | 61.855 | 65.187 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5198.400 | 3.561 | 97.985 | 101.547 | | | |
| 38 (Average) | 5150.000 | 3.331 | 45.752 | 49.084 | 74.00 | 54.00 | Pass |
| 38 (Average) | 5193.500 | 3.538 | 86.586 | 90.124 | | | |

Figure Channel 38:

Vertical (Peak)

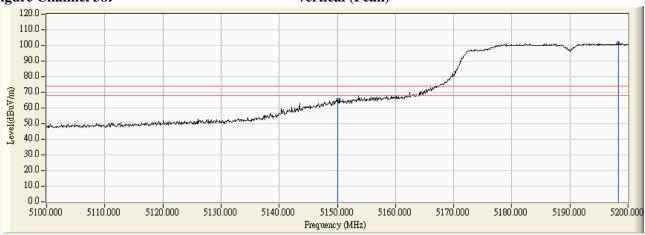


Figure Channel 38:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) -Channel 62

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Resuit |
| 62 (Peak) | 5303.000 | 3.676 | 92.677 | 96.352 | | | |
| 62 (Peak) | 5350.000 | 3.575 | 51.954 | 55.529 | 74.00 | 54.00 | Pass |
| 62 (Peak) | 5353.200 | 3.561 | 56.141 | 59.701 | 74.00 | 54.00 | Pass |
| 62 (Average) | 5303.300 | 3.674 | 81.433 | 85.108 | | | |
| 62 (Average) | 5350.000 | 3.575 | 39.785 | 43.360 | 74.00 | 54.00 | Pass |

Figure Channel 62:

Horizontal (Peak)

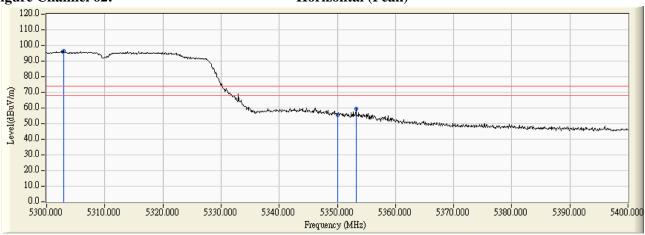
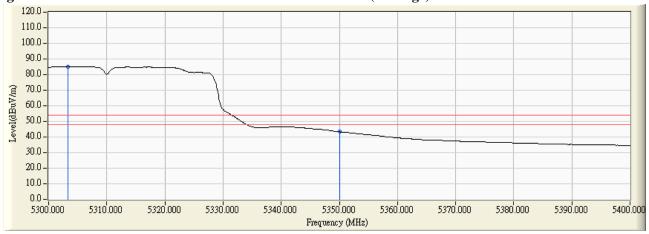


Figure Channel 62:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) -Channel 62

RF Radiated Measurement (Vertical):

| Channel No. | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Emission Level (dBuV/m) | Peak Limit (dBuV/m) | Average Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------|----------------------|-------------------------|---------------------|------------------------|--------|
| 62 (Peak) | 5301.500 | 3.872 | 99.623 | 103.495 | (uDu v/III) | (dDd V/III) | |
| 62 (Peak) | 5350.000 | 3.900 | 60.394 | 64.294 | 74.00 | 54.00 | Pass |
| 62 (Average) | 5318.900 | | 88.159 | 92.045 | | | |
| 62 (Average) | 5350.000 | 3.900 | 46.294 | 50.194 | 74.00 | 54.00 | Pass |

Figure Channel 62:

Vertical (Peak)

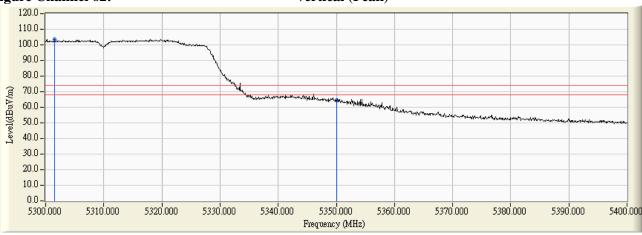
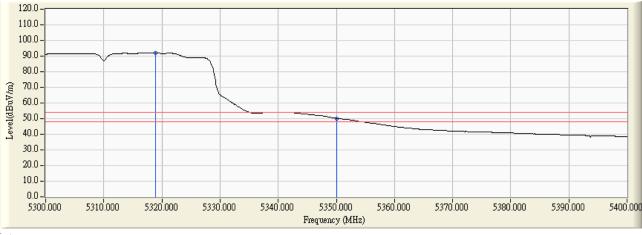


Figure Channel 62:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) -Channel 102

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 102 (Peak) | 5459.800 | 3.771 | 47.304 | 51.076 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5460.000 | 3.775 | 45.303 | 49.078 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5502.500 | 4.512 | 89.871 | 94.383 | | | |
| 102 (Average) | 5460.000 | 3.775 | 33.792 | 37.567 | 74.00 | 54.00 | Pass |
| 102 (Average) | 5501.300 | 4.496 | 78.334 | 82.830 | | | |

Figure Channel 102:

Horizontal (Peak)

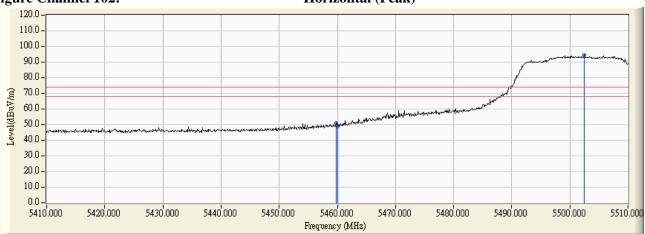
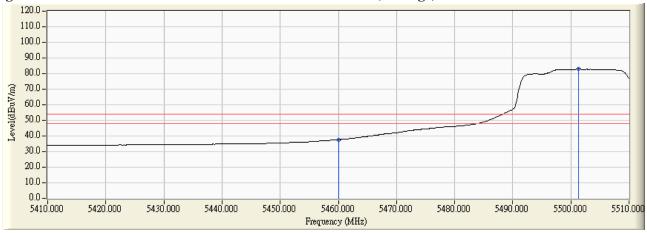


Figure Channel 102:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

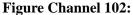


Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) -Channel 102

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Resuit |
| 102 (Peak) | 5460.000 | 3.934 | 53.576 | 57.511 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5502.600 | 4.486 | 97.322 | 101.809 | | | |
| 102 (Average) | 5460.000 | 3.934 | 40.774 | 44.709 | 74.00 | 54.00 | Pass |
| 102 (Average) | 5503.400 | 4.495 | 85.673 | 90.168 | | | |



Vertical (Peak)

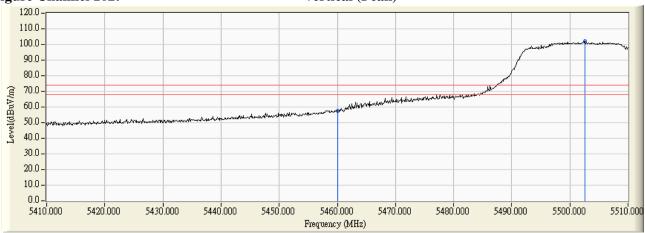


Figure Channel 102:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.

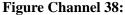


Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) -Channel 38

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 38 (Peak) | 5149.200 | 2.799 | 56.126 | 58.925 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5150.000 | 2.796 | 54.931 | 57.727 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5200.000 | 2.643 | 92.700 | 95.344 | | | |
| 38 (Average) | 5150.000 | 2.796 | 40.905 | 43.701 | 74.00 | 54.00 | Pass |
| 38 (Average) | 5197.400 | 2.639 | 81.162 | 83.801 | | | |



Horizontal (Peak)

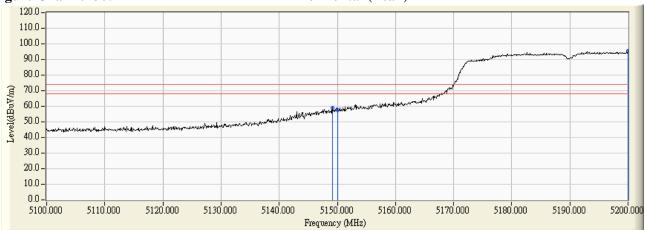
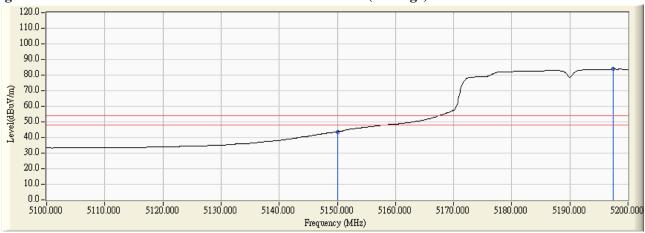


Figure Channel 38:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) -Channel 38

RF Radiated Measurement (Vertical):

| | | · , | | | | | |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
| Chamie No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 38 (Peak) | 5148.400 | 3.324 | 60.736 | 64.060 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5150.000 | 3.331 | 57.046 | 60.378 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5193.700 | 3.539 | 94.500 | 98.039 | | | |
| 38 (Average) | 5150.000 | 3.331 | 43.230 | 46.562 | 74.00 | 54.00 | Pass |
| 38 (Average) | 5198.800 | 3.564 | 83.175 | 86.739 | | | |

Figure Channel 38:

Vertical (Peak)

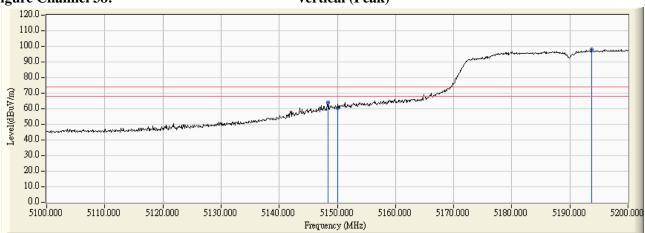
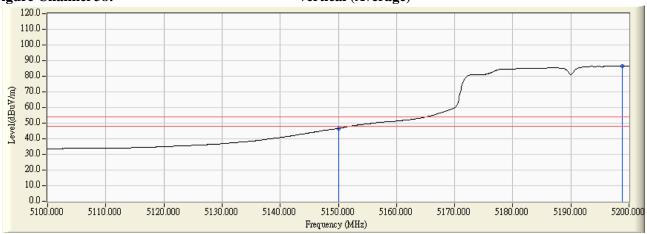


Figure Channel 38:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) -Channel 62

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Chamiei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Resuit |
| 62 (Peak) | 5300.800 | 3.677 | 92.868 | 96.545 | | | |
| 62 (Peak) | 5350.000 | 3.575 | 47.320 | 50.895 | 74.00 | 54.00 | Pass |
| 62 (Peak) | 5352.300 | 3.567 | 48.613 | 52.180 | 74.00 | 54.00 | Pass |
| 62 (Average) | 5301.500 | 3.679 | 81.645 | 85.323 | | | |
| 62 (Average) | 5350.000 | 3.575 | 35.012 | 38.587 | 74.00 | 54.00 | Pass |

Figure Channel 62:

Horizontal (Peak)

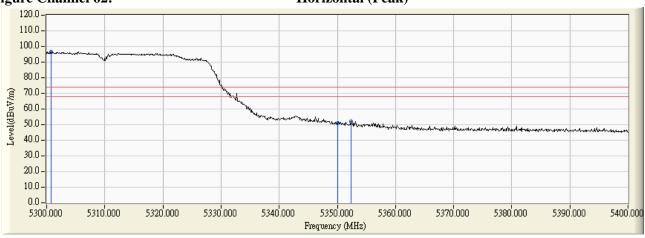
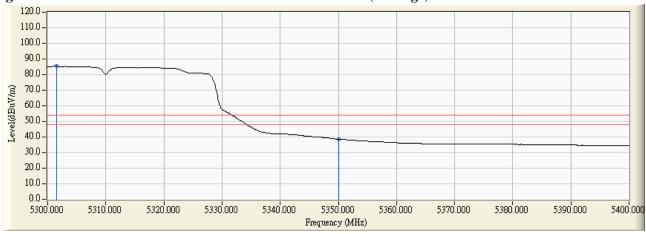


Figure Channel 62:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item Band Edge Data Test Site No.3 OATS

Test Mode Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) -Channel 62

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamie No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 62 (Peak) | 5305.700 | 3.875 | 95.460 | 99.335 | - | | |
| 62 (Peak) | 5350.000 | 3.900 | 50.322 | 54.222 | 74.00 | 54.00 | Pass |
| 62 (Peak) | 5355.400 | 3.883 | 51.507 | 55.390 | 74.00 | 54.00 | Pass |
| 62 (Average) | 5301.500 | 3.872 | 84.346 | 88.218 | | | |
| 62 (Average) | 5350.000 | 3.900 | 37.786 | 41.686 | 74.00 | 54.00 | Pass |



Vertical (Peak)

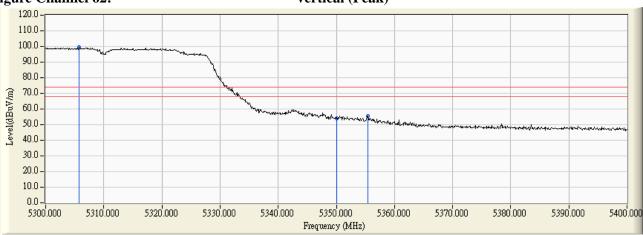
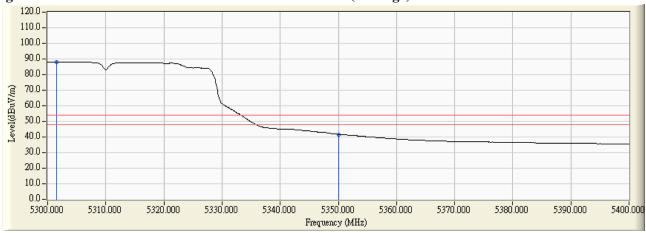


Figure Channel 62:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) -Channel 102

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 102 (Peak) | 5458.100 | 3.739 | 50.553 | 54.291 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5460.000 | 3.775 | 48.905 | 52.680 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5501.300 | 4.496 | 93.366 | 97.862 | | | |
| 102 (Average) | 5460.000 | 3.775 | 37.555 | 41.330 | 74.00 | 54.00 | Pass |
| 102 (Average) | 5506.600 | 4.545 | 81.967 | 86.512 | | | |

Figure Channel 102:

Horizontal (Peak)

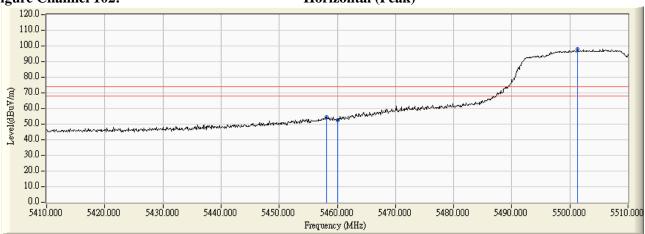
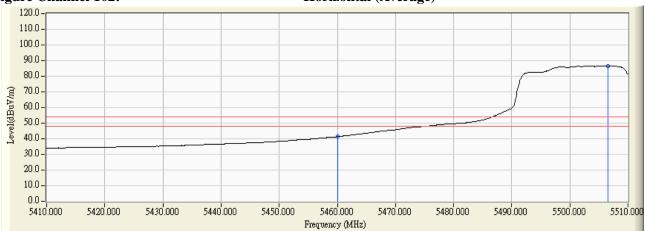


Figure Channel 102:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) -Channel 102

RF Radiated Measurement (Vertical):

| | | · , | | | | | |
|---------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
| Chaine No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 102 (Peak) | 5460.000 | 3.934 | 52.592 | 56.527 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5500.200 | 4.461 | 96.411 | 100.873 | | | - |
| 102 (Average) | 5460.000 | 3.934 | 39.583 | 43.518 | 74.00 | 54.00 | Pass |
| 102 (Average) | 5503.400 | 4.495 | 85.029 | 89.524 | | | |

Figure Channel 102:

Vertical (Peak)

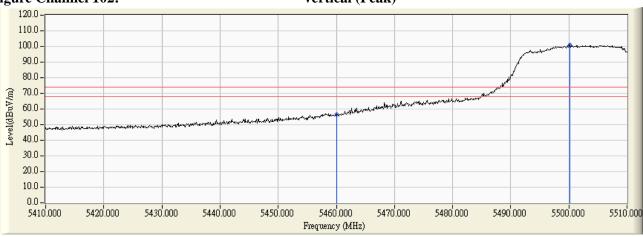
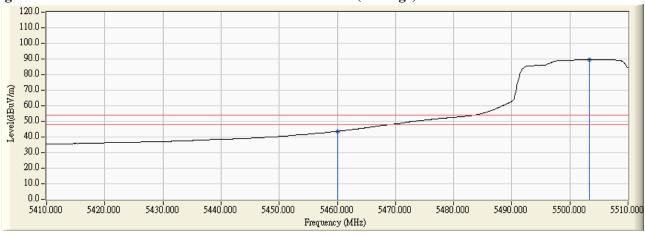


Figure Channel 102:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) -Channel 38

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 38 (Peak) | 5150.000 | 2.796 | 46.798 | 49.594 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5180.100 | 2.695 | 89.246 | 91.941 | | | |
| 38 (Average) | 5150.000 | 2.796 | 33.243 | 36.039 | 74.00 | 54.00 | Pass |
| 38 (Average) | 5183.100 | 2.686 | 75.789 | 78.474 | | | |

Figure Channel 38:

Horizontal (Peak)

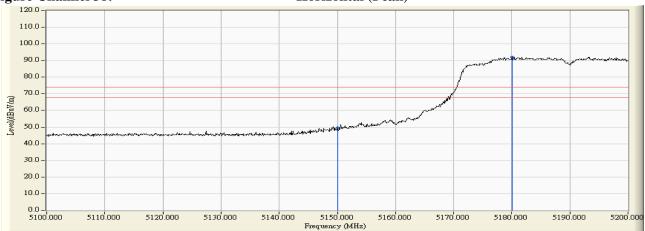
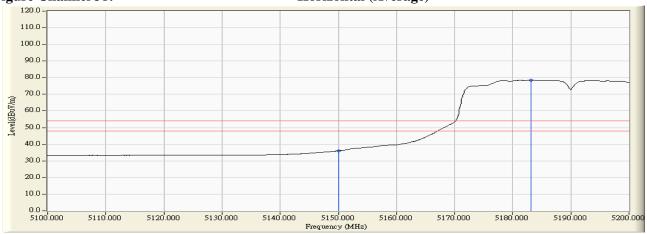


Figure Channel 38:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) -Channel 38

RF Radiated Measurement (Vertical):

| | | ` / | | | | | |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
| Chainei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 38 (Peak) | 5148.700 | 3.325 | 52.442 | 55.767 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5150.000 | 3.331 | 51.463 | 54.795 | 74.00 | 54.00 | Pass |
| 38 (Peak) | 5197.500 | 3.557 | 96.040 | 99.597 | | | |
| 38 (Average) | 5150.000 | 3.331 | 37.407 | 40.739 | 74.00 | 54.00 | Pass |
| 38 (Average) | 5198.700 | 3.564 | 81.404 | 84.967 | | | |

Figure Channel 38:

Vertical (Peak)

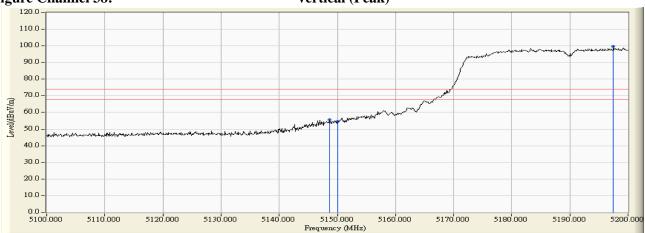


Figure Channel 38:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) -Channel 62

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Chamiei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Resuit |
| 62 (Peak) | 5303.300 | 3.674 | 90.042 | 93.717 | | | |
| 62 (Peak) | 5350.000 | 3.575 | 44.823 | 48.398 | 74.00 | 54.00 | Pass |
| 62 (Peak) | 5351.900 | 3.569 | 45.735 | 49.305 | 74.00 | 54.00 | Pass |
| 62 (Average) | 5303.300 | 3.674 | 76.307 | 79.982 | | | |
| 62 (Average) | 5350.000 | 3.575 | 32.291 | 35.866 | 74.00 | 54.00 | Pass |

Figure Channel 62:

Horizontal (Peak)

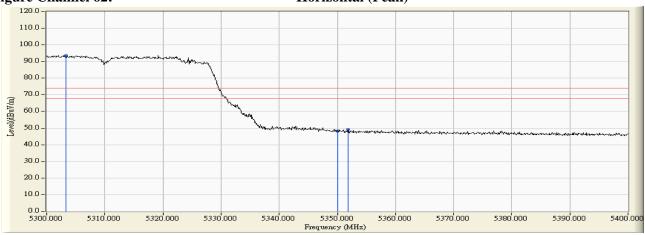
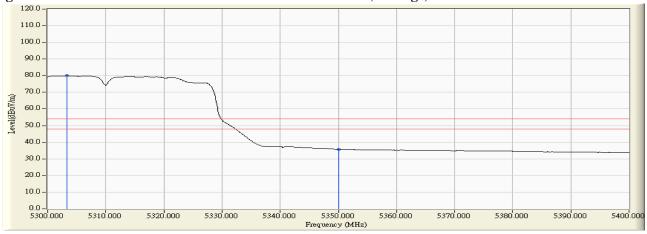


Figure Channel 62:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) -Channel 62

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 62 (Peak) | 5317.500 | 3.885 | 97.758 | 101.643 | - | | |
| 62 (Peak) | 5350.000 | 3.900 | 48.410 | 52.310 | 74.00 | 54.00 | Pass |
| 62 (Peak) | 5351.200 | 3.901 | 50.192 | 54.092 | 74.00 | 54.00 | Pass |
| 62 (Average) | 5303.200 | 3.873 | 83.466 | 87.339 | - | | |
| 62 (Average) | 5350.000 | 3.900 | 36.364 | 40.264 | 74.00 | 54.00 | Pass |



Vertical (Peak)

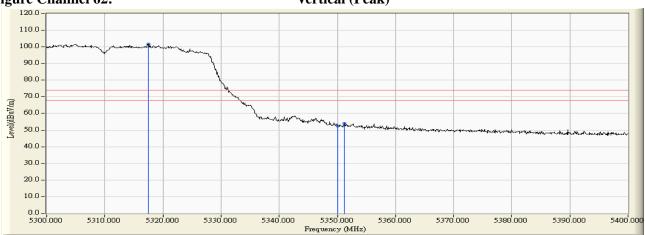
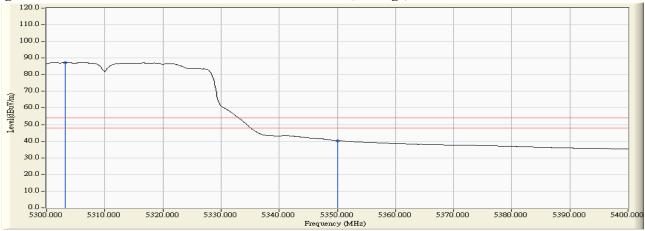


Figure Channel 62:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) -Channel 102

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 102 (Peak) | 5458.700 | 3.750 | 46.525 | 50.275 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5460.000 | 3.775 | 44.293 | 48.068 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5505.000 | 4.546 | 93.235 | 97.781 | | | |
| 102 (Average) | 5460.000 | 3.775 | 33.046 | 36.821 | 74.00 | 54.00 | Pass |
| 102 (Average) | 5507.000 | 4.544 | 79.581 | 84.125 | | | |

Figure Channel 102:

Horizontal (Peak)

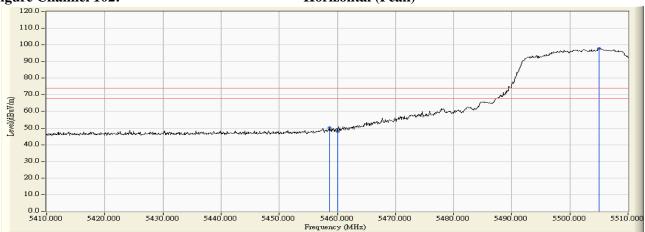
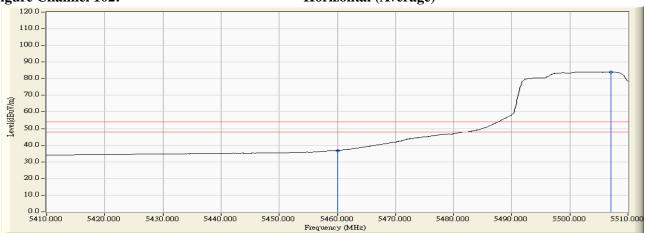


Figure Channel 102:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) -Channel 102

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 102 (Peak) | 5457.500 | 3.899 | 49.639 | 53.538 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5460.000 | 3.934 | 47.652 | 51.587 | 74.00 | 54.00 | Pass |
| 102 (Peak) | 5505.000 | 4.511 | 96.008 | 100.519 | | | |
| 102 (Average) | 5460.000 | 3.934 | 35.560 | 39.495 | 74.00 | 54.00 | Pass |
| 102 (Average) | 5501.200 | 4.472 | 81.947 | 86.419 | | | |

Figure Channel 102:

Vertical (Peak)

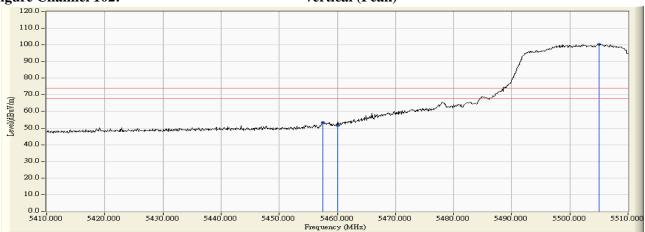
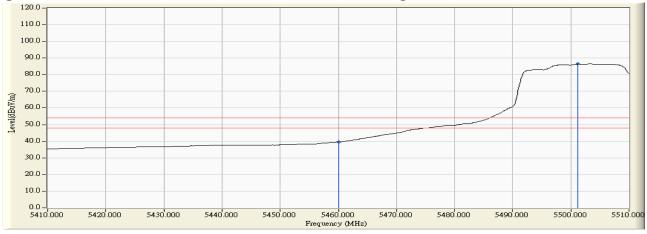


Figure Channel 102:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) -Channel 102

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.334 | -54.020 | -35.686 | -8.686 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.335 | -66.320 | -46.985 | -19.985 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) -Channel 102

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5740.000 | 18.650 | -68.520 | -49.870 | -22.870 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Vertical | 5740.000 | 19.479 | -68.110 | -48.631 | -21.631 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) -Channel 102

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.275 | -79.757 | -61.482 | -34.482 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.288 | -57.554 | -38.266 | -11.266 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1) -Channel 134

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5725.000 | 18.649 | -69.230 | -50.581 | -23.581 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5725.000 | 19.372 | -65.230 | -45.858 | -18.858 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT2) -Channel 134

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5725.000 | 18.649 | -67.590 | -48.941 | -21.941 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5725.000 | 19.372 | -68.990 | -49.618 | -22.618 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)_ANT1+ANT2) -Channel 134

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5725.000 | 18.649 | -78.033 | -59.384 | -32.384 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5725.000 | 19.372 | -74.177 | -54.805 | -27.805 | -27.000 | Pass |



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT1) -Channel 144

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5825.000 | 18.983 | -67.230 | -48.247 | -31.247 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -67.010 | -47.904 | -20.904 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Vertical | 5825.000 | 20.205 | -58.230 | -38.025 | -21.025 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -60.230 | -39.904 | -12.904 | -27.000 | Pass |



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT2) -Channel 144

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5825.000 | 18.983 | -68.230 | -49.247 | -32.247 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -68.460 | -49.354 | -22.354 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5825.000 | 20.205 | -67.220 | -47.015 | -30.015 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -67.850 | -47.524 | -20.524 | -27.000 | Pass |



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11ac-20BW)_ANT1+ANT2) -Channel 144

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Horizontal | 5825.000 | 18.983 | -78.550 | -59.567 | -42.567 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -78.650 | -59.544 | -32.544 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Vertical | 5825.000 | 20.205 | -67.920 | -47.715 | -30.715 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -78.780 | -58.454 | -31.454 | -27.000 | Pass |



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT1) -Channel 142

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5825.000 | 18.983 | -63.240 | -44.257 | -27.257 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -62.230 | -43.124 | -16.124 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5825.000 | 20.205 | -64.230 | -44.025 | -27.025 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -66.010 | -45.684 | -18.684 | -27.000 | Pass |



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT2) -Channel 142

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Horizontal | 5825.000 | 18.983 | -68.240 | -49.257 | -32.257 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -68.690 | -49.584 | -22.584 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5825.000 | 20.205 | -68.560 | -48.355 | -31.355 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -68.740 | -48.414 | -21.414 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 5: Transmit (802.11ac-40BW)_ANT1+ANT2) -Channel 142

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5825.000 | 18.983 | -66.330 | -47.347 | -30.347 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -78.670 | -59.564 | -32.564 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5825.000 | 20.205 | -78.220 | -58.015 | -41.015 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -78.050 | -57.724 | -30.724 | -27.000 | Pass |

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Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)-Channel 42

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Channel No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 42 (Peak) | 5150.000 | 2.796 | 51.359 | 54.155 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5194.300 | 2.650 | 86.019 | 88.668 | | | |
| 42 (Average) | 5150.000 | 2.796 | 38.327 | 41.123 | 74.00 | 54.00 | Pass |
| 42 (Average) | 5198.800 | 2.635 | 74.120 | 76.754 | | | |

Figure Channel 42:

Horizontal (Peak)

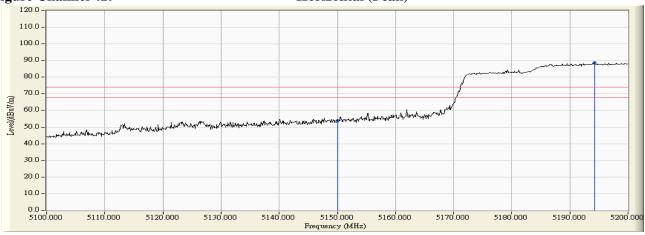
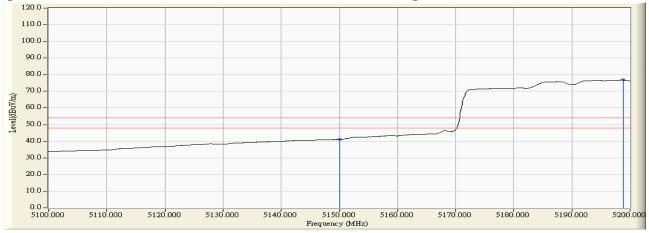


Figure Channel 42:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)-Channel 42

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 42 (Peak) | 5141.900 | 3.292 | 56.713 | 60.004 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5150.000 | 3.331 | 53.778 | 57.110 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5196.800 | 3.553 | 90.196 | 93.750 | | | |
| 42 (Average) | 5150.000 | 3.331 | 43.049 | 46.381 | 74.00 | 54.00 | Pass |
| 42 (Average) | 5198.600 | 3.562 | 78.547 | 82.110 | | | |



Vertical (Peak)

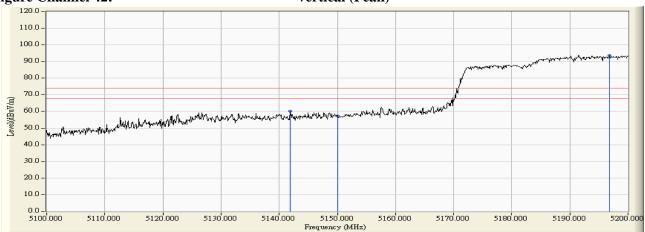


Figure Channel 42:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)-Channel 58

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|----------|---------------|--------|
| Chamie No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 58 (Peak) | 5306.500 | 3.669 | 88.218 | 91.887 | | | |
| 58 (Peak) | 5350.000 | 3.575 | 53.553 | 57.128 | 74.00 | 54.00 | Pass |
| 58 (Peak) | 5350.600 | 3.573 | 56.292 | 59.865 | 74.00 | 54.00 | Pass |
| 58 (Average) | 5301.400 | 3.679 | 76.559 | 80.237 | | | |
| 58 (Average) | 5350.000 | 3.575 | 40.956 | 44.531 | 74.00 | 54.00 | Pass |

Figure Channel 58:

Horizontal (Peak)

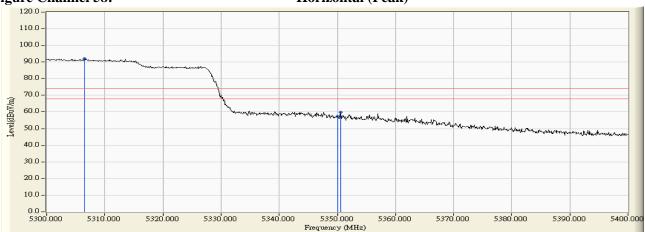
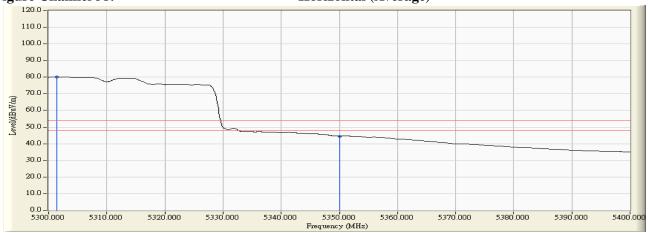


Figure Channel 58:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)-Channel 58

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 58 (Peak) | 5300.900 | 3.871 | 93.945 | 97.816 | - | | |
| 58 (Peak) | 5350.000 | 3.900 | 58.858 | 62.758 | 74.00 | 54.00 | Pass |
| 58 (Peak) | 5361.900 | 3.848 | 60.750 | 64.599 | 74.00 | 54.00 | Pass |
| 58 (Average) | 5301.300 | 3.871 | 82.182 | 86.053 | | | |
| 58 (Average) | 5350.000 | 3.900 | 47.107 | 51.007 | 74.00 | 54.00 | Pass |

Figure Channel 58:

Vertical (Peak)

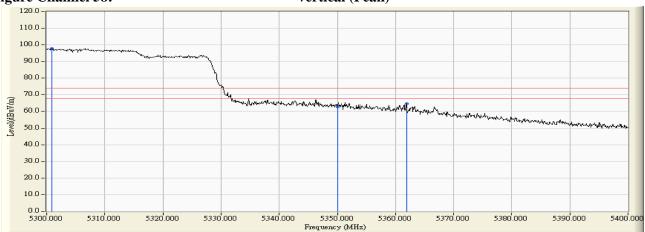
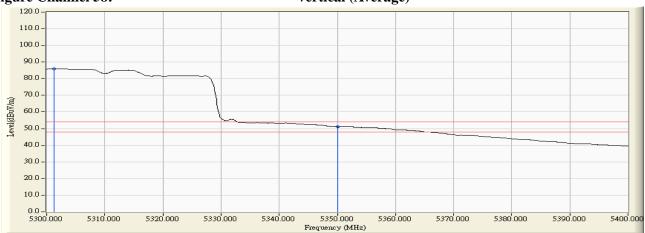


Figure Channel 58:

Vertical (Average)



- All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)-Channel 106

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 106 (Peak) | 5450.600 | 3.623 | 50.847 | 54.470 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5460.000 | 3.775 | 49.609 | 53.384 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5507.400 | 4.544 | 80.279 | 84.823 | | | |
| 106 (Average) | 5460.000 | 3.775 | 36.584 | 40.359 | 74.00 | 54.00 | Pass |
| 106 (Average) | 5507.500 | 4.544 | 68.930 | 73.474 | | | |

Figure Channel 106:

Horizontal (Peak)

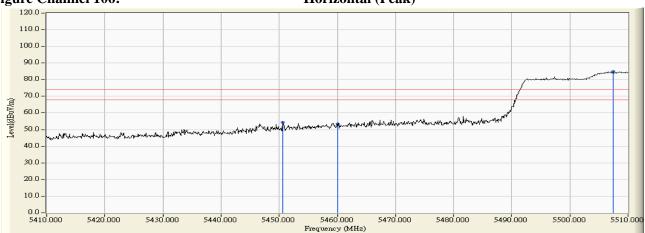
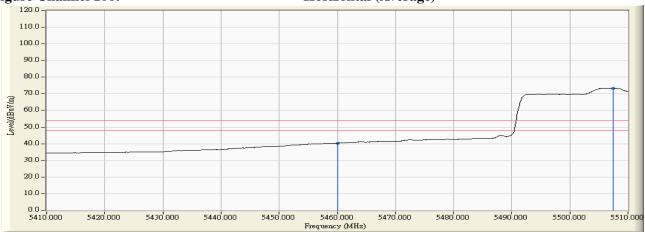


Figure Channel 106:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)-Channel 106

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 106 (Peak) | 5446.600 | 3.808 | 58.680 | 62.488 | | | |
| 106 (Peak) | 5460.000 | 3.934 | 57.822 | 61.757 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5506.500 | 4.511 | 89.155 | 93.666 | | | |
| 106 (Average) | 5460.000 | 3.934 | 44.262 | 48.197 | 74.00 | 54.00 | Pass |
| 106 (Average) | 5507.500 | 4.511 | 77.543 | 82.054 | | | |

Figure Channel 106:

Vertical (Peak)

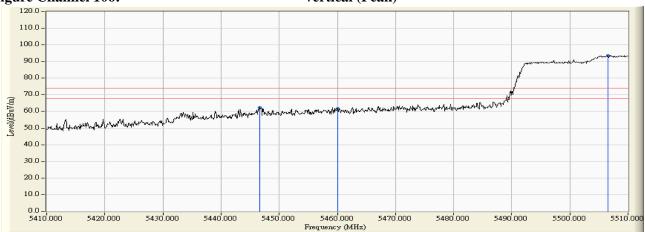
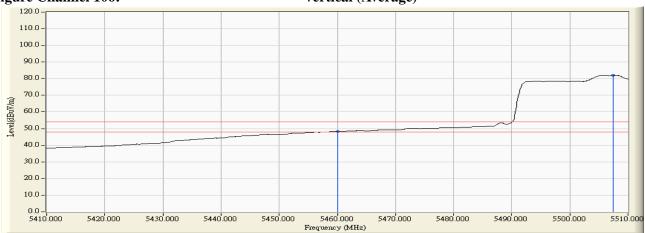


Figure Channel 106:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2)-Channel 42

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 42 (Peak) | 5146.400 | 2.807 | 58.867 | 61.675 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5150.000 | 2.796 | 55.025 | 57.821 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5198.800 | 2.635 | 90.742 | 93.376 | | | |
| 42 (Average) | 5150.000 | 2.796 | 43.595 | 46.391 | 74.00 | 54.00 | Pass |
| 42 (Average) | 5198.700 | 2.635 | 78.819 | 81.454 | | | |

Figure Channel 42:

Horizontal (Peak)

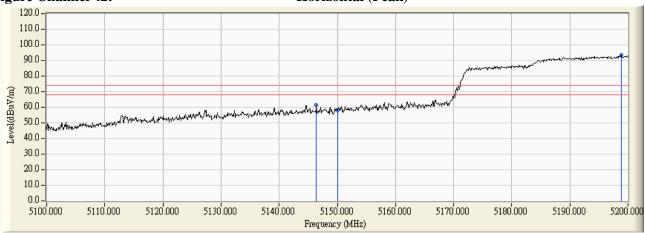
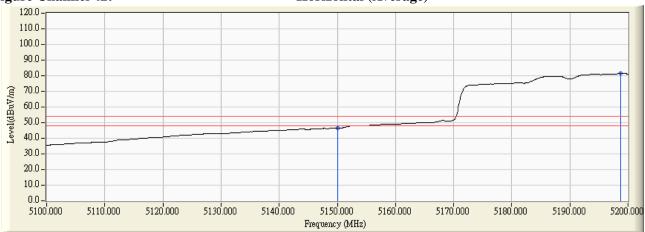


Figure Channel 42:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2)-Channel 42

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 42 (Peak) | 5150.000 | 3.331 | 57.325 | 60.657 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5199.300 | 3.566 | 89.155 | 92.721 | | | |
| 42 (Average) | 5150.000 | 3.331 | 43.418 | 46.750 | 74.00 | 54.00 | Pass |
| 42 (Average) | 5198.800 | 3.564 | 77.716 | 81.280 | | | |



Vertical (Peak)

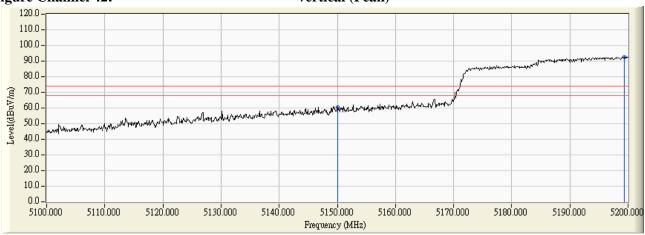
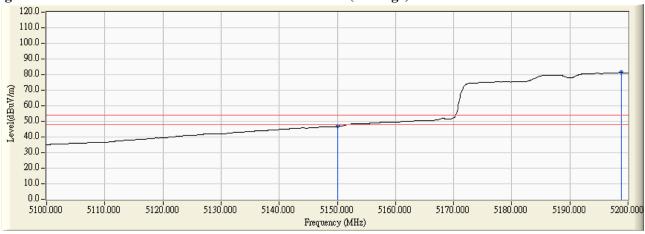


Figure Channel 42:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2)-Channel 58

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 58 (Peak) | 5312.000 | 3.658 | 91.207 | 94.865 | | | |
| 58 (Peak) | 5350.000 | 3.575 | 50.097 | 53.672 | 74.00 | 54.00 | Pass |
| 58 (Peak) | 5353.000 | 3.561 | 50.971 | 54.533 | 74.00 | 54.00 | Pass |
| 58 (Average) | 5301.100 | 3.679 | 79.633 | 83.312 | | | |
| 58 (Average) | 5350.000 | 3.575 | 38.648 | 42.223 | 74.00 | 54.00 | Pass |

Figure Channel 58:

Horizontal (Peak)

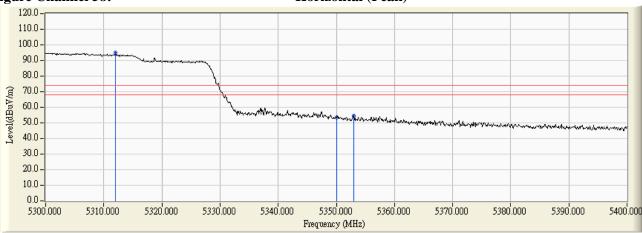
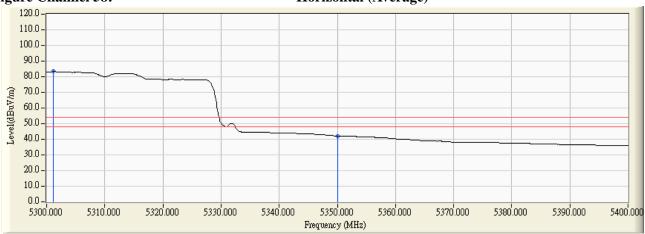


Figure Channel 58:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2)-Channel 58

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 58 (Peak) | 5300.400 | 3.871 | 89.029 | 92.899 | - | | |
| 58 (Peak) | 5350.000 | 3.900 | 48.846 | 52.746 | 74.00 | 54.00 | Pass |
| 58 (Peak) | 5353.200 | 3.895 | 49.564 | 53.458 | 74.00 | 54.00 | Pass |
| 58 (Average) | 5301.300 | 3.871 | 77.629 | 81.500 | | | |
| 58 (Average) | 5350.000 | 3.900 | 37.199 | 41.099 | 74.00 | 54.00 | Pass |



Vertical (Peak)

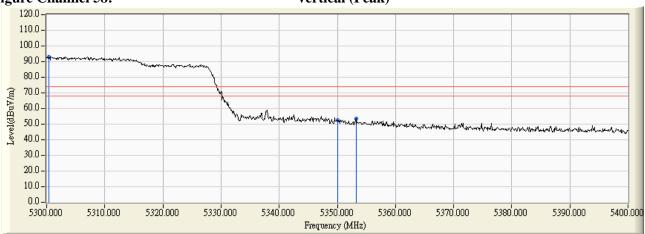
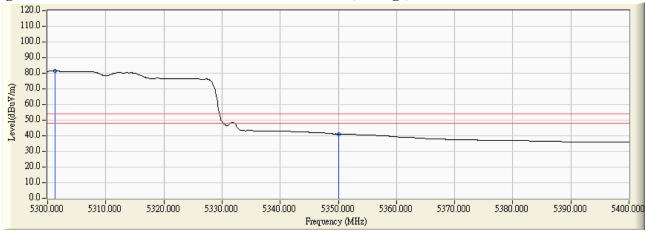


Figure Channel 58:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2)-Channel 106

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainer No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 106 (Peak) | 5458.200 | 3.741 | 57.902 | 61.642 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5460.000 | 3.775 | 55.883 | 59.658 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5509.900 | 4.542 | 90.116 | 94.658 | | | |
| 106 (Average) | 5460.000 | 3.775 | 42.597 | 46.372 | 74.00 | 54.00 | Pass |
| 106 (Average) | 5507.700 | 4.544 | 78.066 | 82.610 | | | |

Figure Channel 106:

Horizontal (Peak)

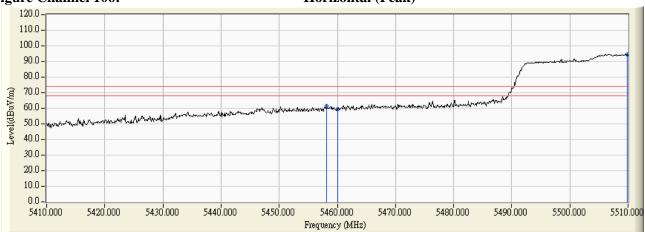
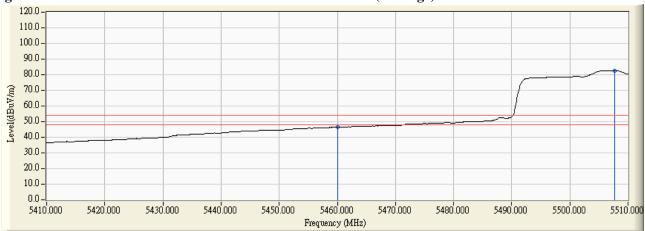


Figure Channel 106:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item Band Edge Data : Test Site No.3 OATS

Test Mode Mode 6: Transmit (802.11ac-80BW)_ANT2)-Channel 106

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainlei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 106 (Peak) | 5459.600 | 3.930 | 57.081 | 61.010 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5460.000 | 3.934 | 53.830 | 57.765 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5509.800 | 4.512 | 89.952 | 94.463 | | | |
| 106 (Average) | 5460.000 | 3.934 | 41.842 | 45.777 | 74.00 | 54.00 | Pass |
| 106 (Average) | 5507.400 | 4.511 | 77.698 | 82.209 | | | |



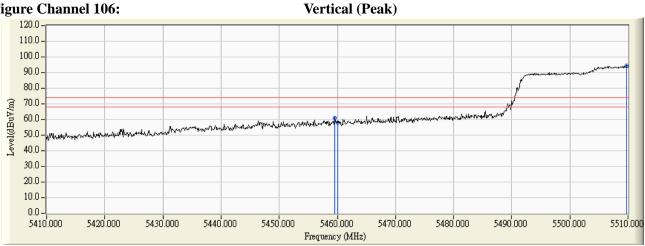
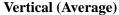
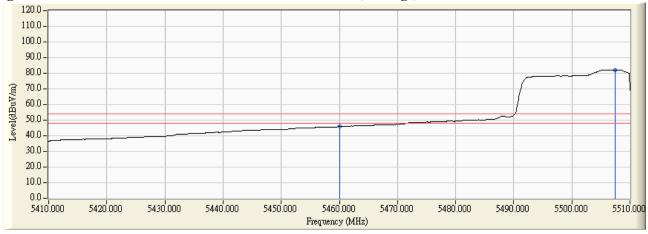


Figure Channel 106:





- All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)-Channel 42

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 42 (Peak) | 5145.900 | 2.809 | 51.498 | 54.307 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5150.000 | 2.796 | 49.306 | 52.102 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5194.000 | 2.650 | 84.226 | 86.876 | | | |
| 42 (Average) | 5150.000 | 2.796 | 34.815 | 37.611 | 74.00 | 54.00 | Pass |
| 42 (Average) | 5198.800 | 2.635 | 70.117 | 72.751 | | | |

Figure Channel 42:

Horizontal (Peak)

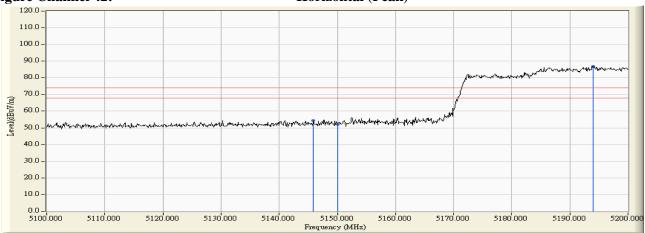
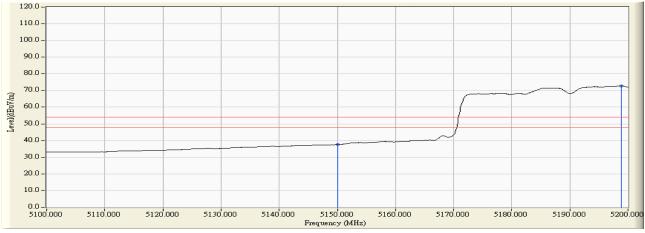


Figure Channel 42:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item Band Edge Data Test Site No.3 OATS

Test Mode Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)-Channel 42

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 42 (Peak) | 5142.600 | 3.295 | 53.343 | 56.638 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5150.000 | 3.331 | 48.944 | 52.276 | 74.00 | 54.00 | Pass |
| 42 (Peak) | 5196.600 | 3.553 | 89.555 | 93.108 | | | |
| 42 (Average) | 5150.000 | 3.331 | 38.334 | 41.666 | 74.00 | 54.00 | Pass |
| 42 (Average) | 5198.900 | 3.565 | 75.071 | 78.635 | | | |



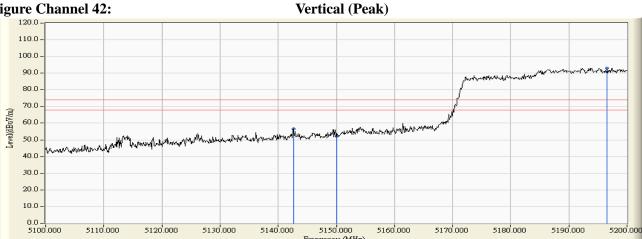
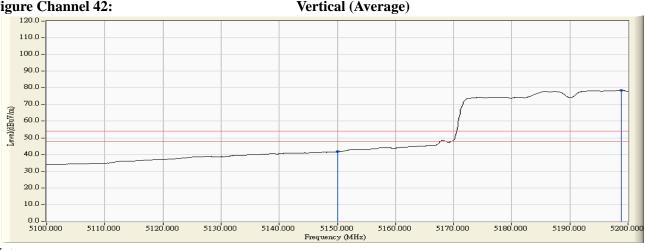


Figure Channel 42:



- All readings above 1GHz are performed with peak and/or average measurements as necessary.
- Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. 3.
- "*", means this data is the worst emission level. 4.
- 5. Measurement Level = Reading Level + Correct Factor.
- The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)-Channel 58

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chamie No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 58 (Peak) | 5302.300 | 3.677 | 91.224 | 94.901 | | | |
| 58 (Peak) | 5350.000 | 3.575 | 48.052 | 51.627 | 74.00 | 54.00 | Pass |
| 58 (Peak) | 5352.700 | 3.564 | 51.247 | 54.811 | 74.00 | 54.00 | Pass |
| 58 (Average) | 5301.300 | 3.678 | 75.336 | 79.015 | | | |
| 58 (Average) | 5350.000 | 3.575 | 36.085 | 39.660 | 74.00 | 54.00 | Pass |

Figure Channel 58:

Horizontal (Peak)

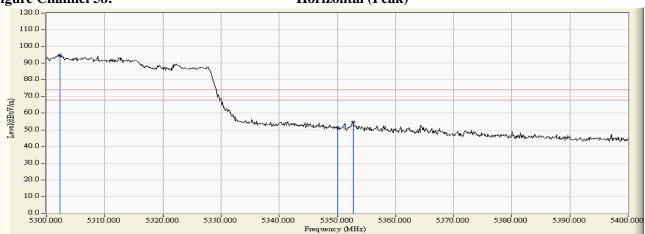
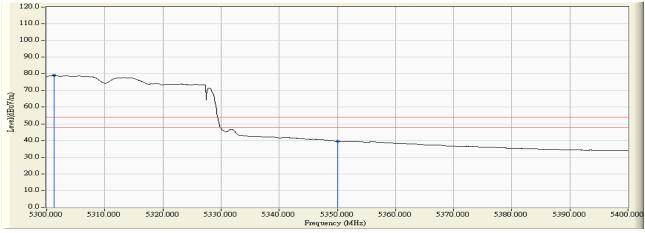


Figure Channel 58:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)-Channel 58

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|--------------|-----------|----------------|---------------|-----------------------|------------|---------------|--------|
| Chamilei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 58 (Peak) | 5306.400 | 3.876 | 94.633 | 98.509 | - | | |
| 58 (Peak) | 5350.000 | 3.900 | 51.237 | 55.137 | 74.00 | 54.00 | Pass |
| 58 (Peak) | 5353.400 | 3.893 | 54.160 | 58.053 | 74.00 | 54.00 | Pass |
| 58 (Average) | 5301.200 | 3.871 | 79.059 | 82.930 | | | |
| 58 (Average) | 5350.000 | 3.900 | 39.649 | 43.549 | 74.00 | 54.00 | Pass |

Vertical (Peak)



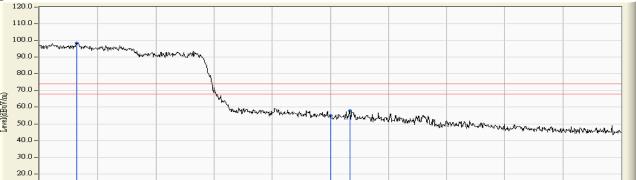


Figure Channel 58:

5310 000

5320,000

5330,000

5340 000

0.0 -

Vertical (Average)

5350,000

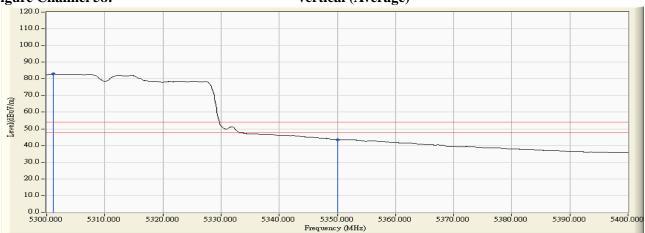
5360,000

5370 000

5380 000

5390,000

5400 000



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)-Channel 106

RF Radiated Measurement (Horizontal):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainer No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Kesuit |
| 106 (Peak) | 5446.200 | 3.577 | 55.269 | 58.846 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5460.000 | 3.775 | 49.357 | 53.132 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5506.500 | 4.545 | 88.577 | 93.122 | | | |
| 106 (Average) | 5460.000 | 3.775 | 38.446 | 42.221 | 74.00 | 54.00 | Pass |
| 106 (Average) | 5507.500 | 4.544 | 73.387 | 77.931 | | | |

Figure Channel 106:

Horizontal (Peak)

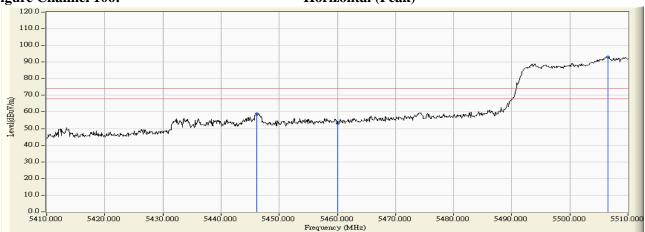
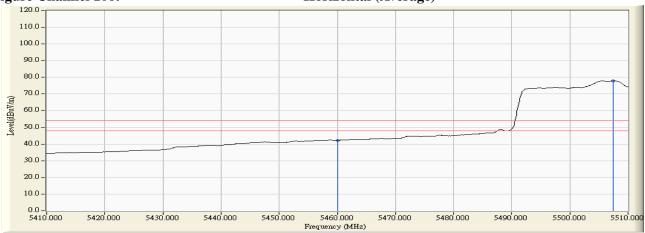


Figure Channel 106:

Horizontal (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)-Channel 106

RF Radiated Measurement (Vertical):

| Channel No. | Frequency | Correct Factor | Reading Level | Emission Level | Peak Limit | Average Limit | Result |
|---------------|-----------|----------------|---------------|----------------|------------|---------------|--------|
| Chainei No. | (MHz) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | Result |
| 106 (Peak) | 5446.200 | 3.806 | 58.531 | 62.337 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5460.000 | 3.934 | 53.437 | 57.372 | 74.00 | 54.00 | Pass |
| 106 (Peak) | 5508.000 | 4.512 | 92.648 | 97.159 | | | |
| 106 (Average) | 5460.000 | 3.934 | 42.119 | 46.054 | 74.00 | 54.00 | Pass |
| 106 (Average) | 5507.300 | 4.511 | 77.542 | 82.053 | | | |



Vertical (Peak)

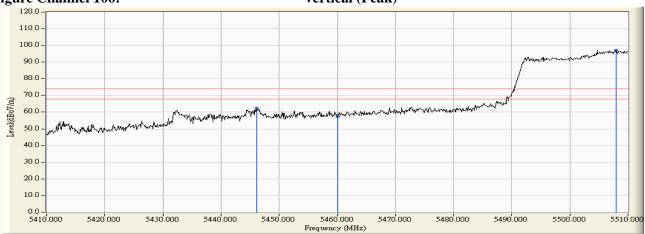
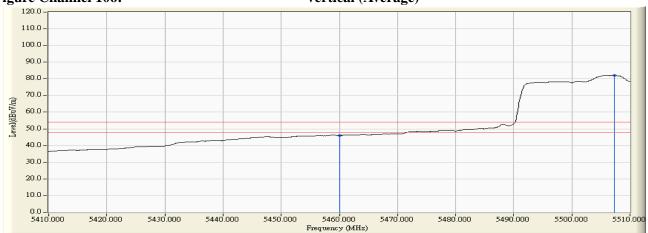


Figure Channel 106:

Vertical (Average)



- 1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
- 2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
- 3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
- 4. "*", means this data is the worst emission level.
- 5. Measurement Level = Reading Level + Correct Factor.
- 6. The average measurement was not performed when the peak measured data under the limit of average detection.



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)-Channel 106

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.334 | -66.230 | -47.896 | -20.896 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.335 | -62.230 | -42.895 | -15.895 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2)-Channel 106

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.334 | -68.350 | -50.016 | -23.016 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.335 | -68.120 | -48.785 | -21.785 | -27.000 | Pass |



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)-Channel 106

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Horizontal | 5470.000 | 18.334 | -74.380 | -56.046 | -29.046 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5470.000 | 19.335 | -74.070 | -54.735 | -27.735 | -27.000 | Pass |



Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1)-Channel 138

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Horizontal | 5825.000 | 18.983 | -67.120 | -48.137 | -31.137 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -69.320 | -50.214 | -23.214 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5825.000 | 20.205 | -64.210 | -44.005 | -27.005 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -65.230 | -44.904 | -17.904 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT2)-Channel 138

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Horizontal | 5825.000 | 18.983 | -67.380 | -48.397 | -31.397 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -67.260 | -48.154 | -21.154 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Vertical | 5825.000 | 20.205 | -68.140 | -47.935 | -30.935 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -67.020 | -46.694 | -19.694 | -27.000 | Pass |

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Test Item : Band Edge Data Test Site : No.3 OATS

Test Mode : Mode 6: Transmit (802.11ac-80BW)_ANT1+ANT2)-Channel 138

RF Radiated Measurement:

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|------------|-----------------|---------------------|---------------------|--------------------------|-------------|------------------|--------|
| Horizontal | 5825.000 | 18.983 | -75.980 | -56.997 | -39.997 | -17.000 | Pass |
| Horizontal | 5835.000 | 19.106 | -77.060 | -57.954 | -30.954 | -27.000 | Pass |

| | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBm) | Measure Level (dBm/m) | Margin (dB) | Limit (dBm/m) | Result |
|----------|-----------------|---------------------|---------------------|--------------------------|-------------|---------------|--------|
| Vertical | 5825.000 | 20.205 | -76.020 | -55.815 | -38.815 | -17.000 | Pass |
| Vertical | 5835.000 | 20.326 | -77.080 | -56.754 | -29.754 | -27.000 | Pass |

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5. EMI Reduction Method During Compliance Testing

No modification was made during testing.

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Attachment 1: EUT Test Photographs



Attachment 2: EUT Detailed Photographs