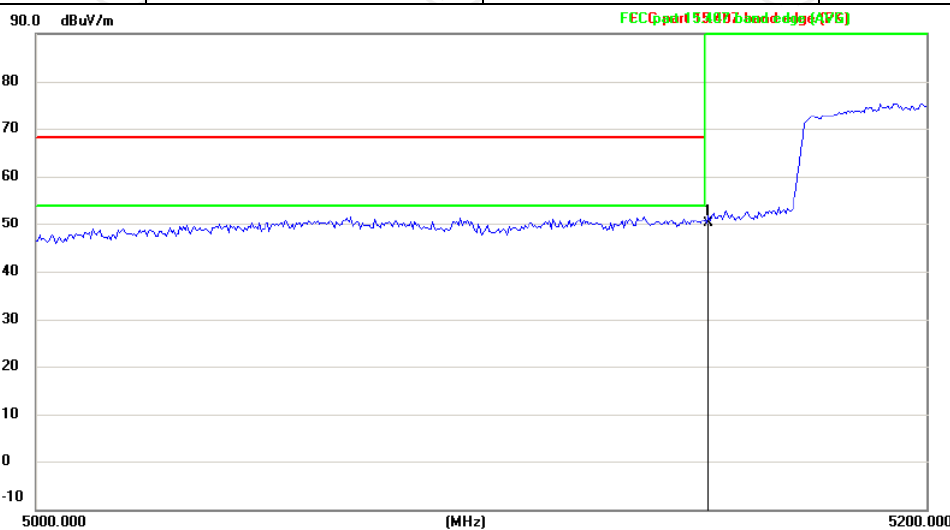
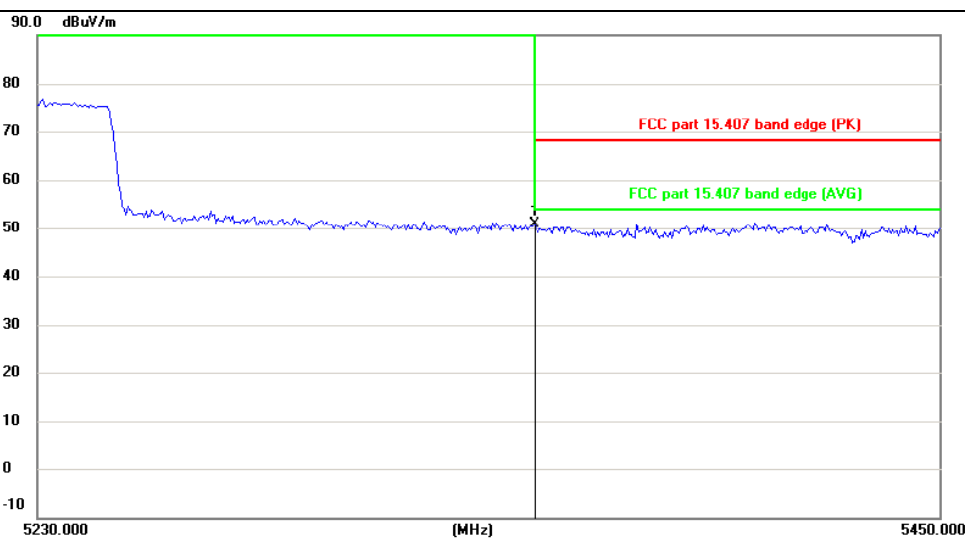


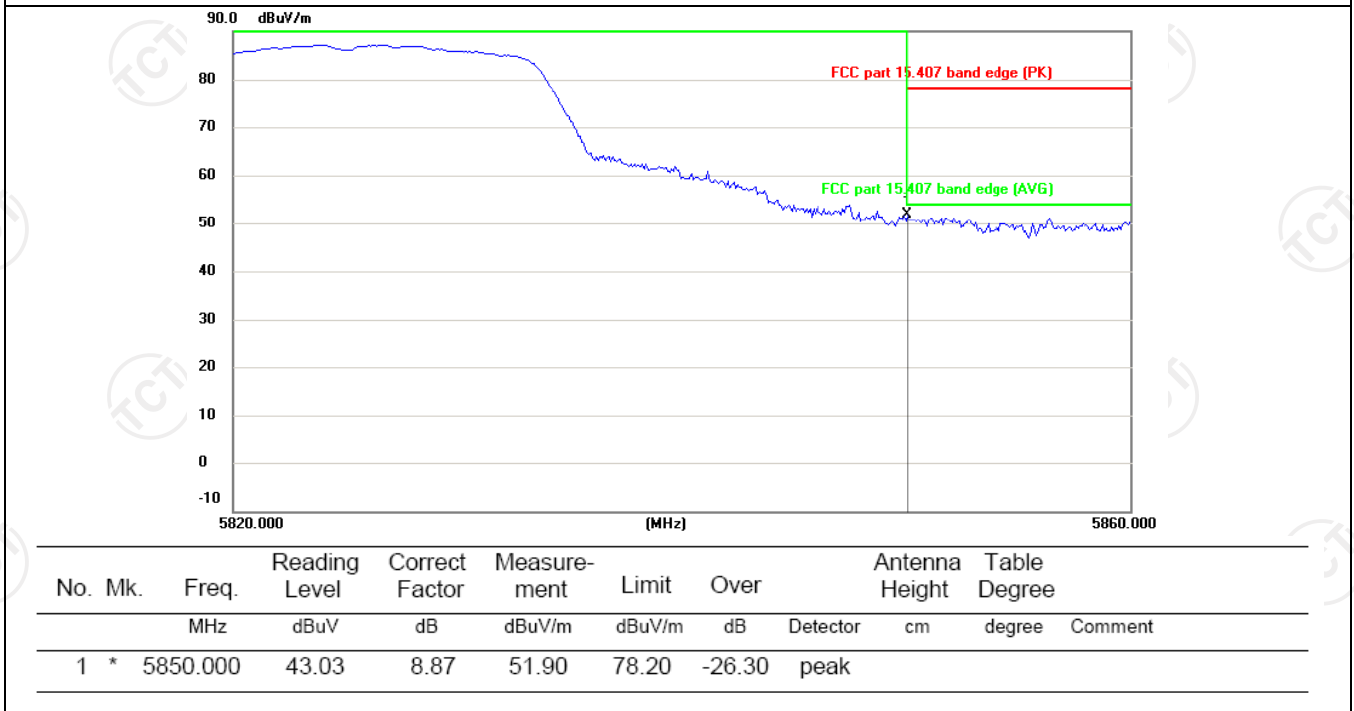
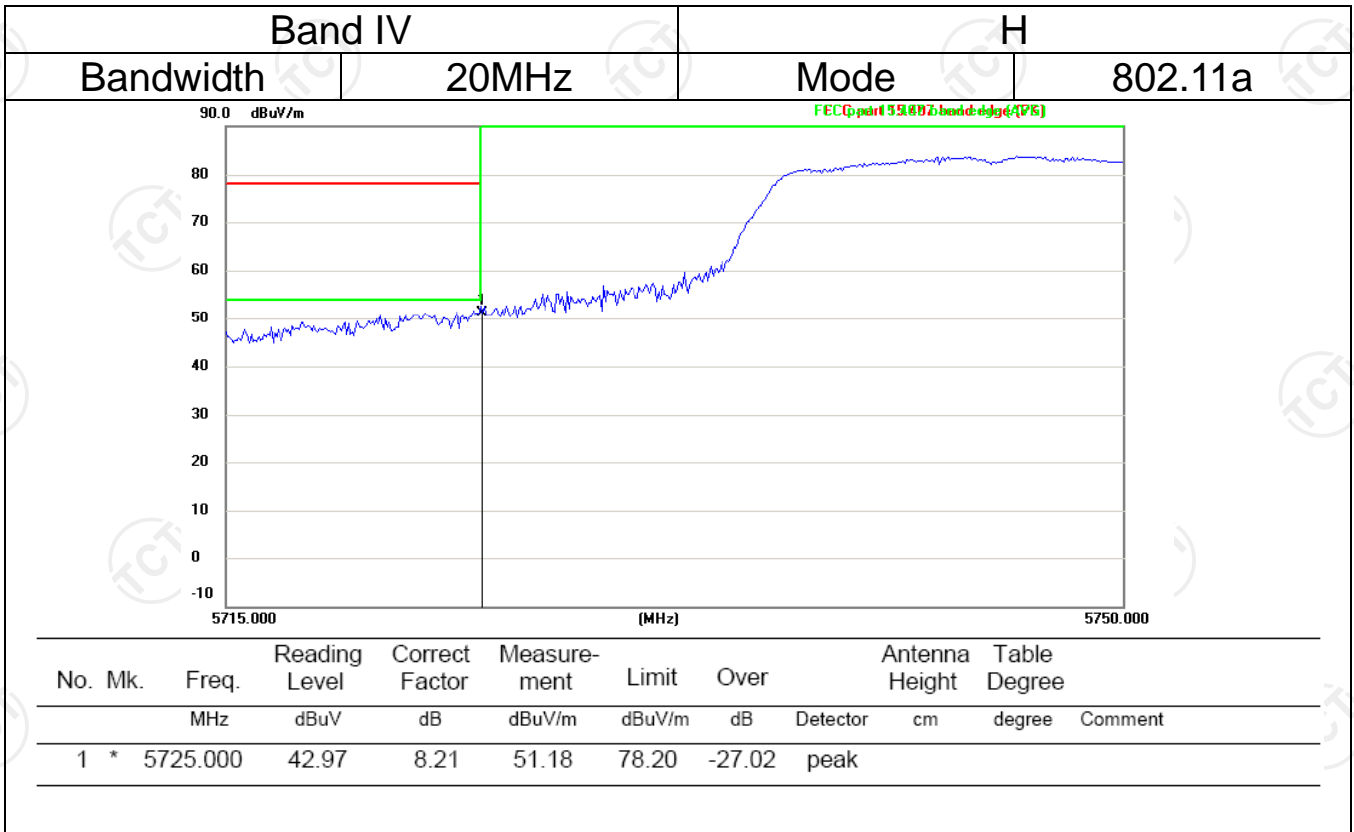
| | | | |
|-----------|-------|------|----------------|
| Band I | | V | |
| Bandwidth | 80MHz | Mode | 802.11ac(HT80) |

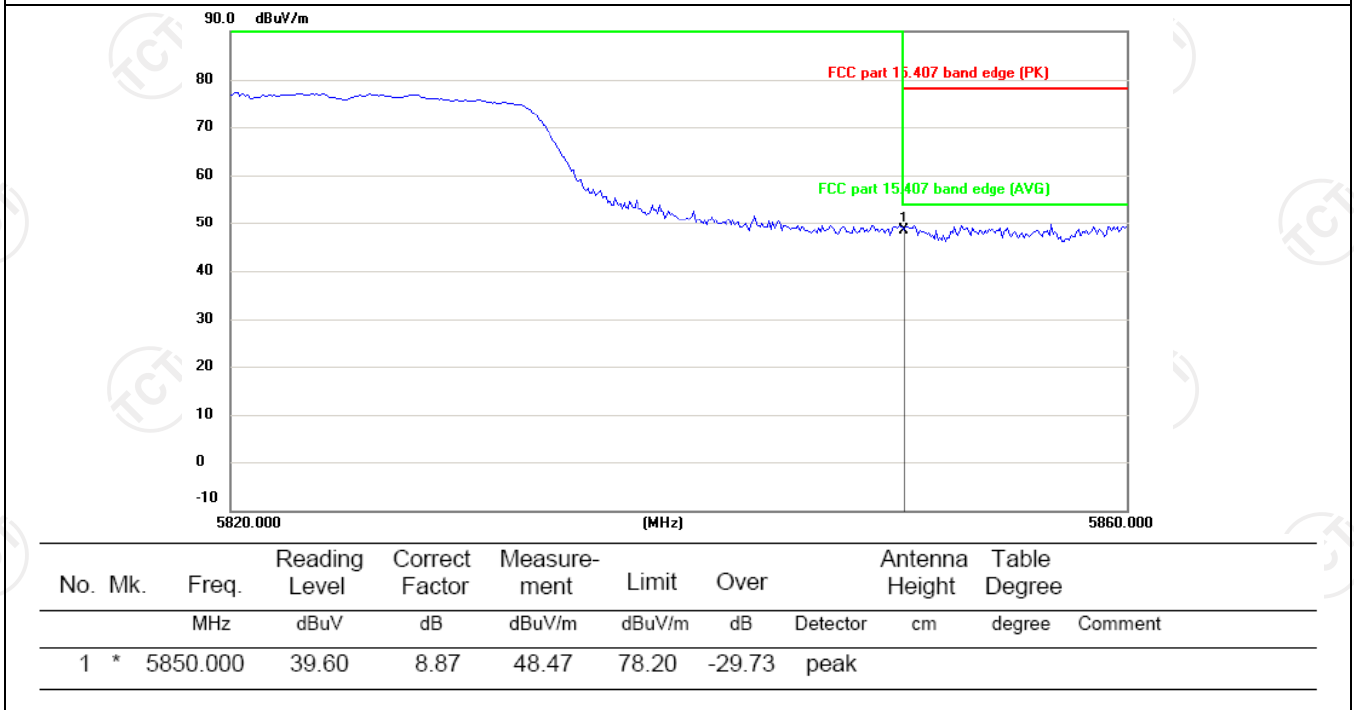
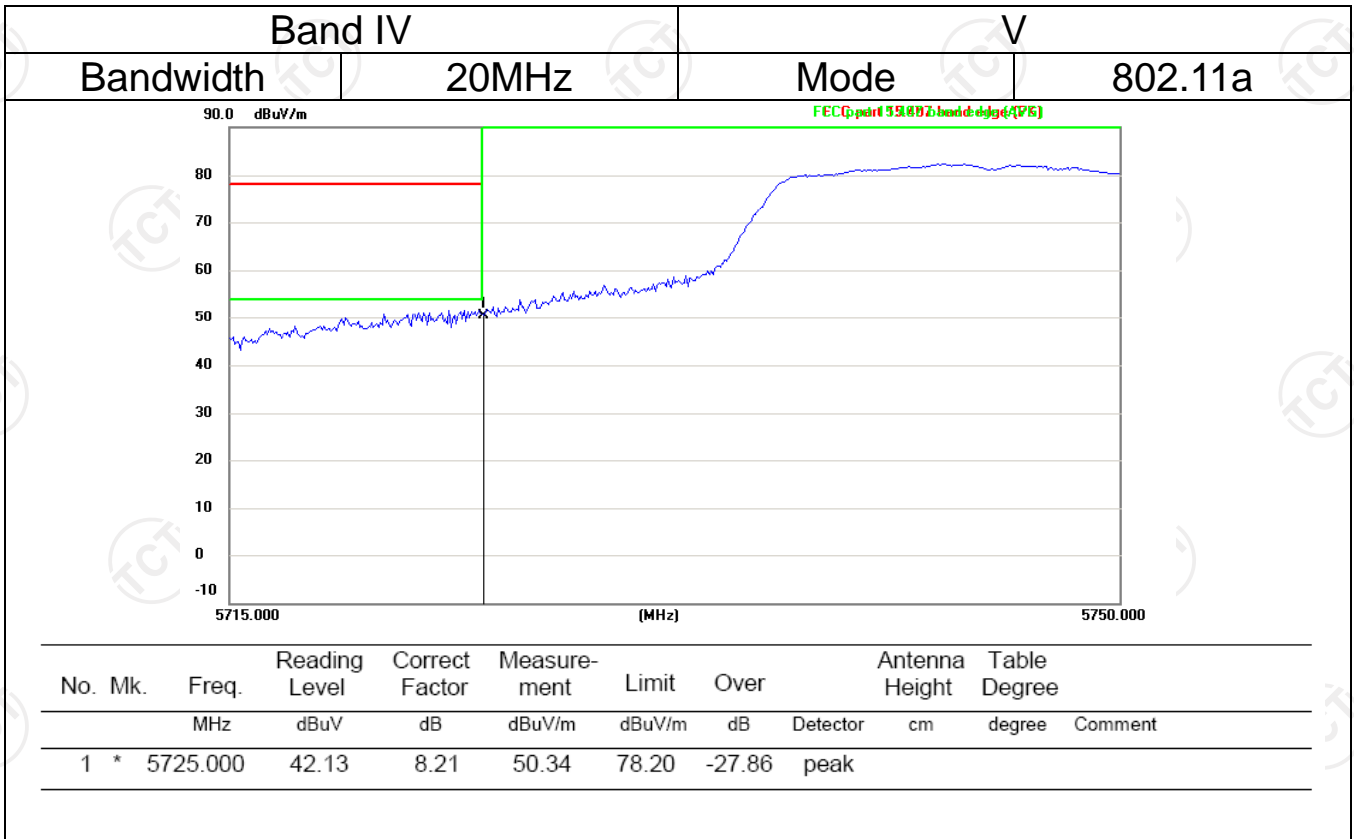


| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 5150.000 | 44.38 | 5.82 | 50.20 | 68.20 | -18.00 | peak | | |



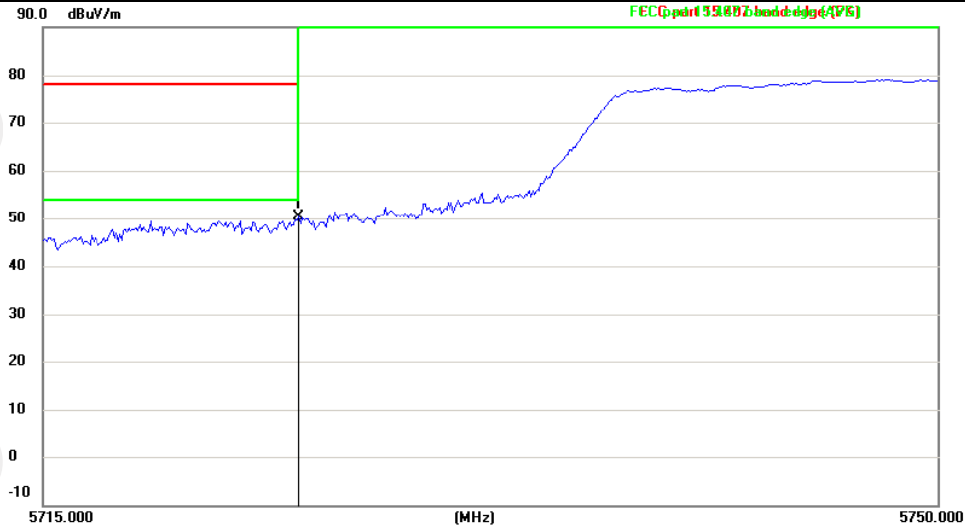
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 5350.000 | 44.28 | 6.52 | 50.80 | 68.20 | -17.40 | peak | | |



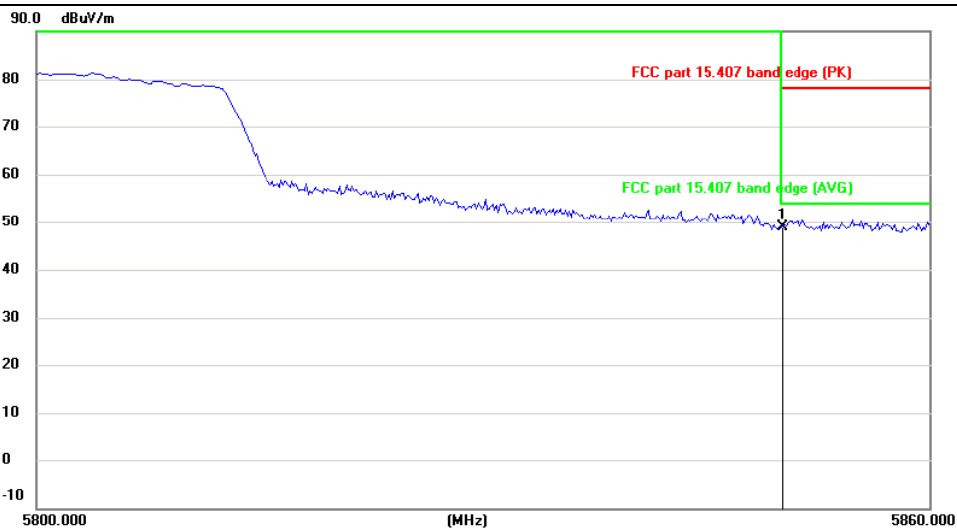


Note: All the 20MHz bandwidth modulation are tested, the 802.11a was the worst and record in the report.

| | | | |
|-----------|-------|------|---------------|
| Band IV | | H | |
| Bandwidth | 40MHz | Mode | 802.11n(HT40) |

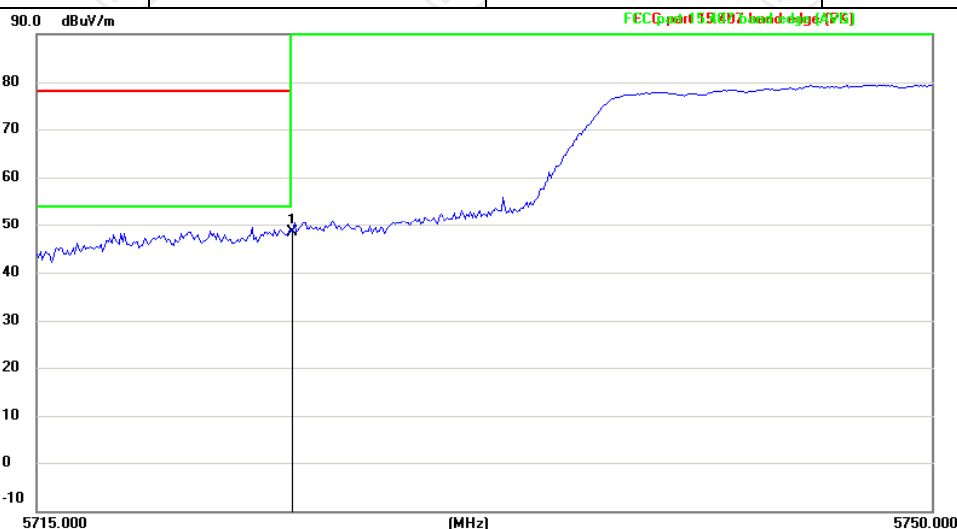


| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5725.000 | 42.07 | 8.21 | 50.28 | 78.20 | -27.92 | peak | | | |

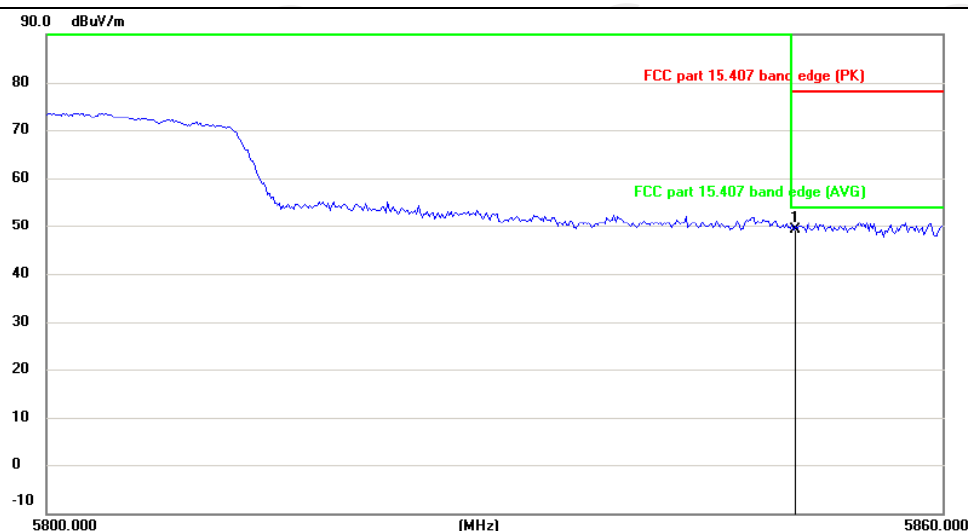


| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5850.000 | 39.93 | 8.87 | 48.80 | 78.20 | -29.40 | peak | | | |

| | | | |
|-----------|-------|------|---------------|
| Band IV | | V | |
| Bandwidth | 40MHz | Mode | 802.11n(HT40) |



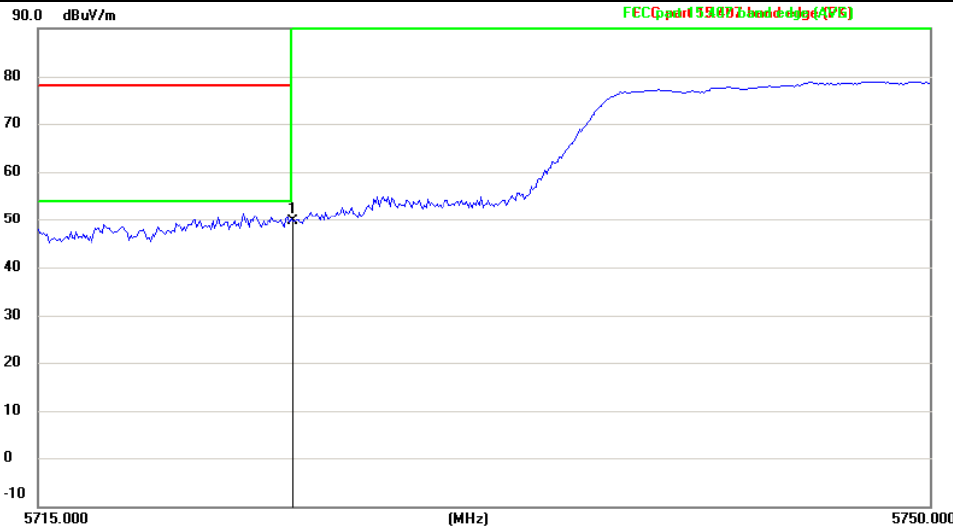
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 5725.000 | 40.22 | 8.21 | 48.43 | 78.20 | -29.77 | peak | | |



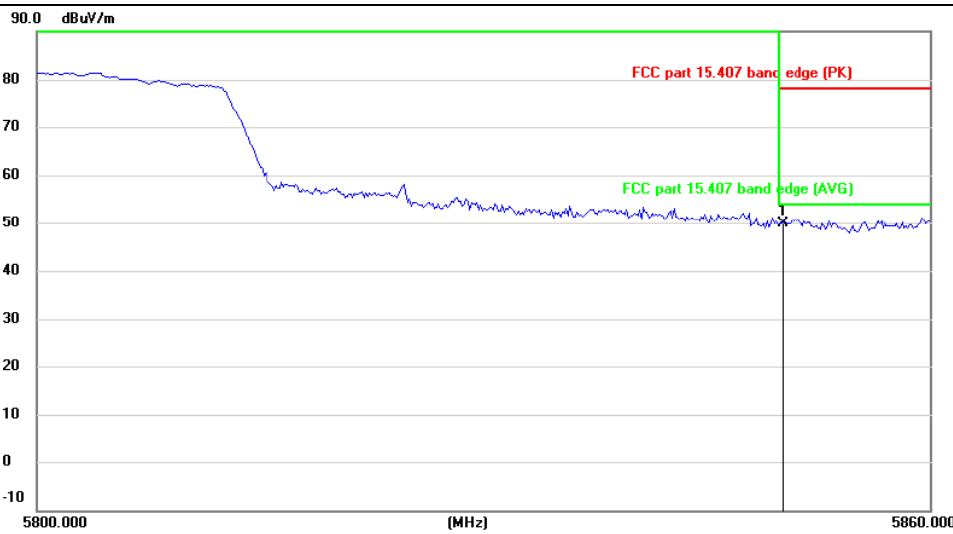
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | Comment |
| 1 | * | 5850.000 | 40.36 | 8.87 | 49.23 | 78.20 | -28.97 | peak | | |

Note: All the 40MHz bandwidth modulation are tested, the 802.11n (HT40) was the worst and record in the report.

| | | | |
|-----------|-------|------|----------------|
| Band IV | | H | |
| Bandwidth | 80MHz | Mode | 802.11ac(HT80) |

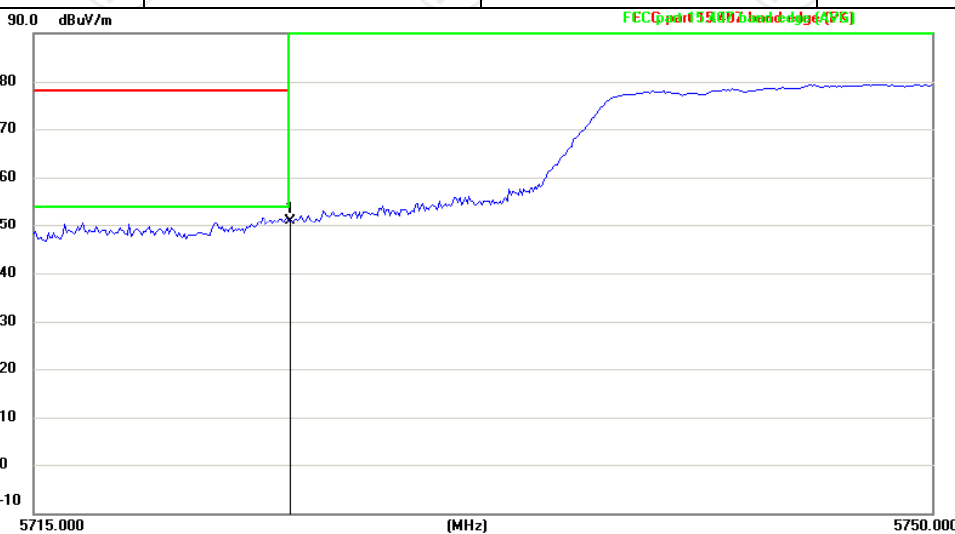


| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | * | 5725.000 | 41.47 | 8.21 | 49.68 | 78.20 | -28.52 | peak | | |

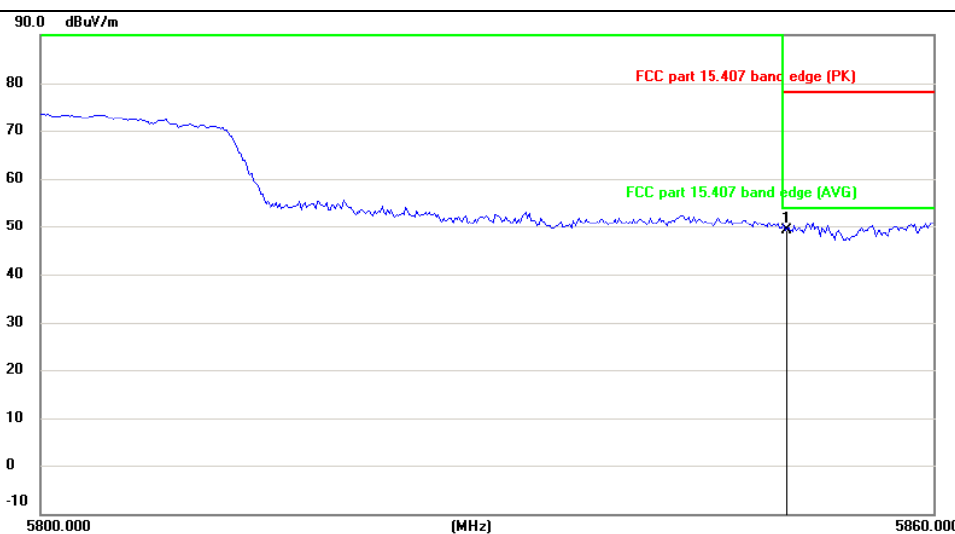


| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | * | 5850.000 | 41.02 | 8.87 | 49.89 | 78.20 | -28.31 | peak | | |

| | | | |
|-----------|-------|------|----------------|
| Band IV | | V | |
| Bandwidth | 80MHz | Mode | 802.11ac(HT80) |



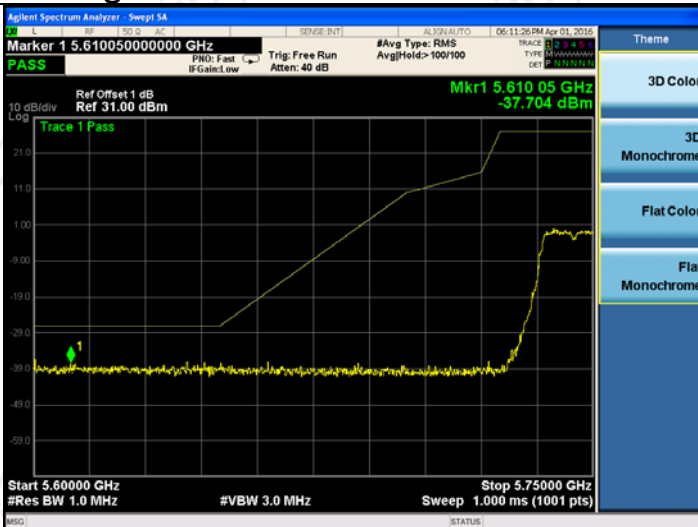
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | |
| 1 | * | 5725.000 | 42.74 | 8.21 | 50.95 | 78.20 | -27.25 | peak | | |



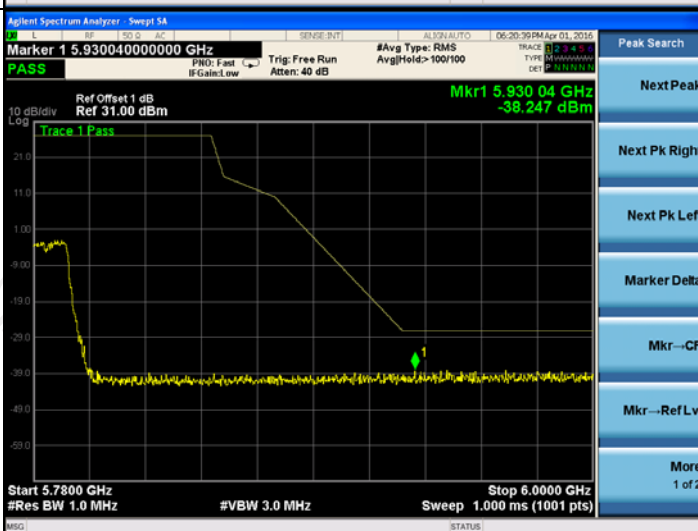
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree | |
| 1 | * | 5850.000 | 40.16 | 8.87 | 49.03 | 78.20 | -29.17 | peak | | |

Band IV Band-edge for RF Conducted Emissions

802.11a
/LCH

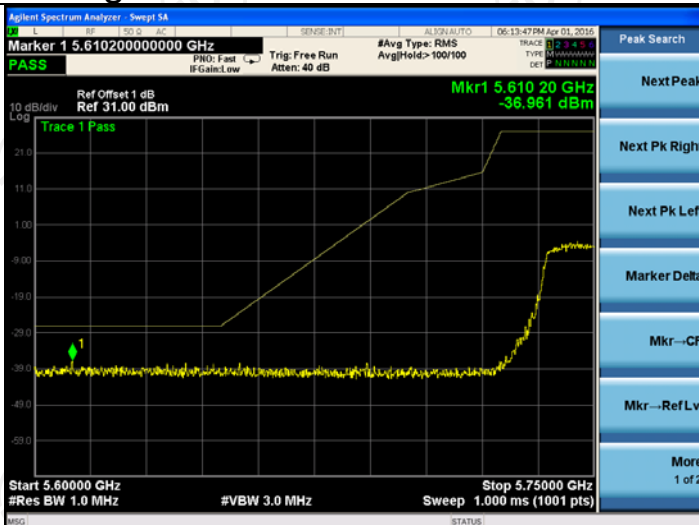


802.11a
/HCH

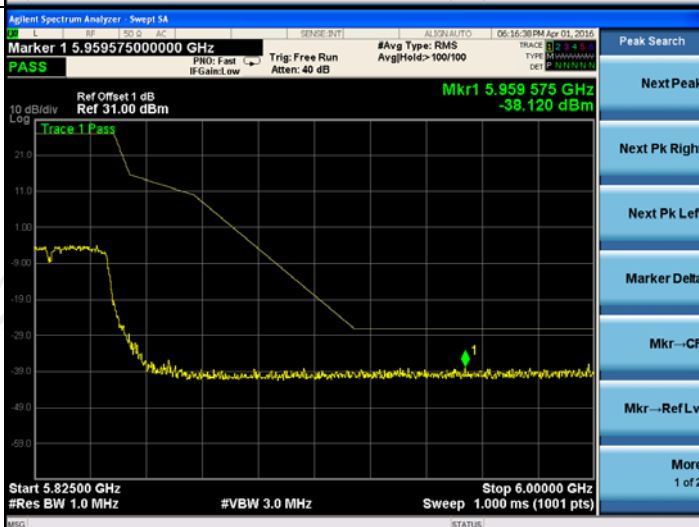


Band IV Band-edge for RF Conducted Emissions

802.11n
HT40 /LCH

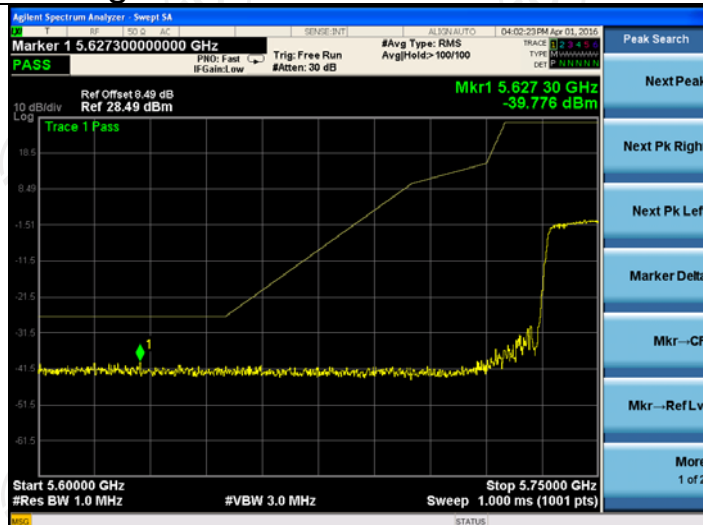


802.11n
HT40 / HCH

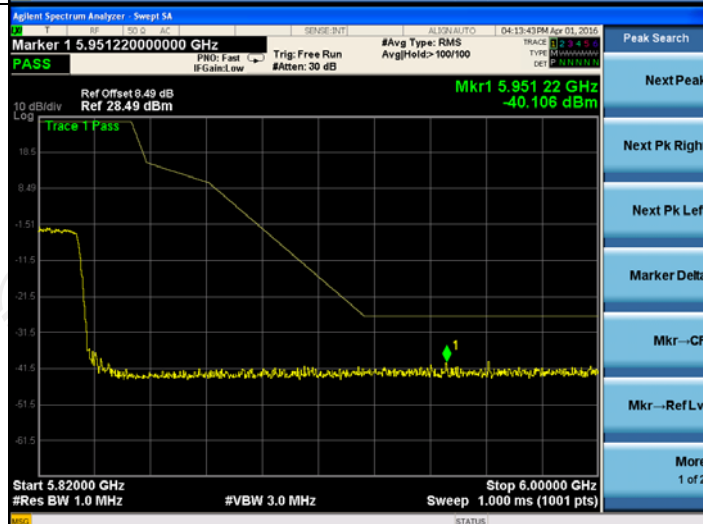


Band IV Band-edge for RF Conducted Emissions

802.11ac
HT80 /LCH



802.11ac
HT80 / HCH

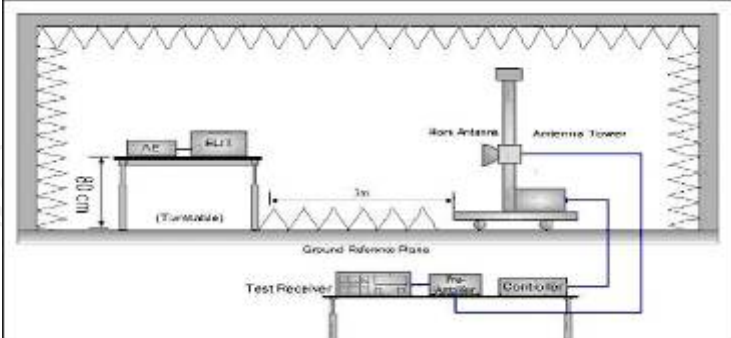


Note: All the 20MHz bandwidth modulation are tested and all antennas are tested, the 802.11a and the ANT 0 was the worst and record in the report. All the 40MHz bandwidth modulation are tested, the 802.11n (HT40) and the ANT 0 was the worst and record in the report.

6.8. Spurious Emission

6.8.1. Restrict Bands Measurement

6.8.1.1. Test Specification

| | | | | | |
|------------------------------|---|--------------------|---------------|------|---------------|
| Test Requirement: | FCC CFR47 Part 15 Section 15.407 & 15.209 & 15.205 | | | | |
| Test Method: | KDB 789033 D02 v01r02 | | | | |
| Frequency Range: | Band I & II: 4.5 GHz to 5.15 GHz and 5.35GHz to 5.46GHz Band III & IV: 5.35 GHz to 5.46 GHz | | | | |
| Measurement Distance: | 3 m | | | | |
| Antenna Polarization: | Horizontal & Vertical | | | | |
| Operation mode: | Transmitting mode with modulation | | | | |
| Receiver Setup: | Frequency | Detector | RBW | VBW | Remark |
| | Above 1GHz | Peak | 1MHz | 3MHz | Peak Value |
| | | RMS | 1MHz | 3MHz | Average Value |
| Limit: | Frequency | Limit (dBuV/m @3m) | Remark | | |
| | Above 1GHz | 74 | Peak Value | | |
| | | 54 | Average Value | | |
| Test setup: | <p>Above 1GHz</p>  | | | | |
| Test Procedure: | <ol style="list-style-type: none"> The testing follows FCC KDB Publication No. 789033 D02 General UNII Test Procedures New Rules v01r02. Section G) Unwanted emissions measurement. For the radiated emission test below 1GHz: The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable | | | | |

| | |
|----------------------|--|
| | <p>(from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level.</p> <p>For the radiated emission test above 1GHz: Place the measurement antenna on a turntable with 1.5 meter above ground, which is away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.</p> <p>3. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level</p> <p>4. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.</p> <p>5. Use the following spectrum analyzer settings:</p> <ul style="list-style-type: none"> (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for $f < 1$ GHz; $VBW \geq RBW$; Sweep = auto; Detector function = peak; Trace = max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for $f > 1$ GHz for peak measurement. <p>For average measurement: $VBW = 10$ Hz, when duty cycle is no less than 98 percent. $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.</p> <p>(4) A 5.8GHz high -PASS filter is used during radiated emissions above 1GHz measurement.</p> |
| Test results: | PASS |

6.8.1.1 Test Instruments

| Radiated Emission Test Site (966) | | | | |
|-----------------------------------|--|------------|---------------|-----------------|
| Name of Equipment | Manufacturer | Model | Serial Number | Calibration Due |
| ESPI Test Receiver | ROHDE&SCHW ARZ | ESVD | 100008 | Sep. 11, 2016 |
| Spectrum Analyzer | ROHDE&SCHW ARZ | FSEM | 848597/001 | Sep. 11, 2016 |
| Spectrum Analyzer | ROHDE&SCHW ARZ | FSP40 | 100056 | Sep. 11, 2016 |
| Spectrum Analyzer | Agilent | N9020A | MY49100060 | Sep. 12, 2016 |
| Pre-amplifier | EM Electronics Corporation CO.,LTD | EM30265 | 07032613 | Sep. 11, 2016 |
| Pre-amplifier | HP | 8447D | 2727A05017 | Sep. 11, 2016 |
| Loop antenna | ZHINAN | ZN30900A | 12024 | Sep. 13, 2016 |
| Broadband Antenna | Schwarzbeck | VULB9163 | 340 | Sep. 13, 2016 |
| Horn Antenna | Schwarzbeck | BBHA 9120D | 631 | Sep. 13, 2016 |
| Horn Antenna | Schwarzbeck | BBHA 9170 | 373 | Sep. 13, 2016 |
| Coax cable | TCT | RE-low-01 | N/A | Sep. 11, 2016 |
| Coax cable | TCT | RE-high-02 | N/A | Sep. 11, 2016 |
| Coax cable | TCT | RE-low-03 | N/A | Sep. 11, 2016 |
| Coax cable | TCT | RE-High-04 | N/A | Sep. 11, 2016 |
| Antenna Mast | CCS | CC-A-4M | N/A | Sep. 12, 2016 |
| EMI Test Software | Shurple Technology | EZ-EMC | N/A | N/A |

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.8.1.2 Test Data

Restrict band around fundamental

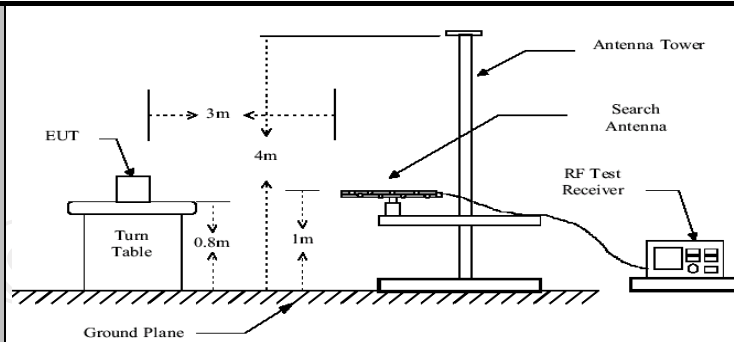
| 11a CH36: 5180MHz | | | | | | | | | |
|--------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBuV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 5137.57 | H | 49.31 | --- | 0.53 | 49.84 | --- | 74 | 54 | -4.16 |
| 5187.19 | H | 49.67 | --- | 0.59 | 50.26 | --- | 74 | 54 | -3.74 |
| 5186.28 | H | 49.11 | --- | 0.57 | 49.68 | --- | 74 | 54 | -4.32 |
| | | | | | | | | | |
| 5137.09 | V | 51.24 | --- | 0.53 | 51.77 | --- | 74 | 54 | -2.23 |
| 5186.28 | V | 52.51 | --- | 0.54 | 53.05 | --- | 74 | 54 | -0.95 |
| 5186.28 | V | 51.26 | --- | 0.57 | 51.83 | --- | 74 | 54 | -2.17 |
| 11n (HT40) CH36: 5180MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (DbμV) | AV reading (dBuV) | Correction Factor (Db/m) | Emission Level | | Peak limit (DbμV/m) | AV limit (DbμV/m) | Margin (Db) |
| | | | | | Peak (DbμV/m) | AV (DbμV/m) | | | |
| 5142.20 | H | 50.11 | --- | 0.55 | 50.66 | --- | 74 | 54 | -3.34 |
| 5150.00 | H | 52.2 | --- | 0.66 | 52.86 | --- | 74 | 54 | -1.14 |
| 5183.20 | H | 49.11 | --- | 0.86 | 49.97 | --- | 74 | 54 | -4.03 |
| 5150.00 | H | 48.57 | --- | 0.66 | 49.23 | --- | 74 | 54 | -4.77 |
| 5187.19 | H | 48.52 | --- | 0.85 | 49.37 | --- | 74 | 54 | -4.63 |
| | | | | | | | | | |
| 5142.65 | V | 49.87 | --- | 0.55 | 50.42 | --- | 74 | 54 | -3.58 |
| 5150.03 | V | 50.41 | --- | 0.66 | 51.07 | --- | 74 | 54 | -2.93 |
| 5183.29 | V | 49.88 | --- | 0.58 | 50.46 | --- | 74 | 54 | -3.54 |
| 5150.00 | V | 49.16 | --- | 0.66 | 49.82 | --- | 74 | 54 | -4.18 |
| 5187.28 | V | 49.62 | --- | 0.57 | 50.19 | --- | 74 | 54 | -3.81 |
| 11ac(HT80) CH38: 5190MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBuV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 5135.98 | H | 49.98 | --- | 0.57 | 50.55 | --- | 74 | 54 | -3.45 |
| 5207.33 | H | 52.51 | --- | 0.86 | 53.37 | --- | 74 | 54 | -0.63 |
| 5135.98 | V | 50.21 | --- | 0.57 | 50.78 | --- | 74 | 54 | -3.22 |
| 5207.33 | V | 41.75 | --- | 0.85 | 50.55 | --- | 74 | 54 | -3.45 |

Note: All the 20MHz bandwidth modulation are tested, the 802.11a was the worst and record in the report. All the 40MHz bandwidth modulation are tested, the 802.11n (HT40) was the worst and record in the report.

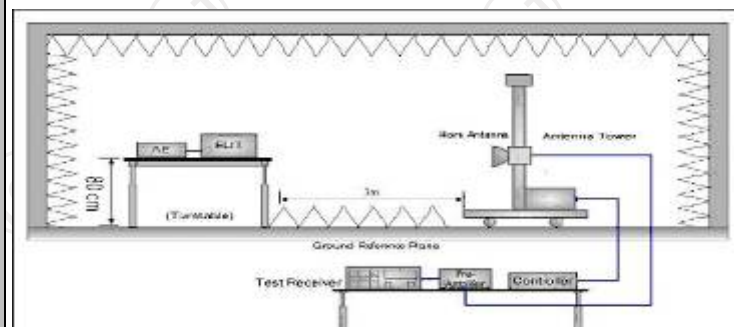
6.8.2. Unwanted Emissions out of the Restricted Bands

6.8.2.1. Test Specification

| | | | | | |
|------------------------------|--|-----------------------------------|-------------------------------|----------|------------------|
| Test Requirement: | FCC CFR47 Part 15 Section 15.407 & 15.209 & 15.205 | | | | |
| Test Method: | KDB 789033 D02 v01r02 | | | | |
| Frequency Range: | 9kHz to 40GHz | | | | |
| Measurement Distance: | 3 m | | | | |
| Antenna Polarization: | Horizontal & Vertical | | | | |
| Operation mode: | Transmitting mode with modulation | | | | |
| Receiver Setup: | Frequency | Detector | RBW | VBW | Remark |
| | 9kHz- 150kHz | Quasi-peak | 200Hz | 1kHz | Quasi-peak Value |
| | 150kHz- 30MHz | Quasi-peak | 9kHz | 30kHz | Quasi-peak Value |
| | 30MHz-1GHz | Quasi-peak | 100KHz | 300KHz | Quasi-peak Value |
| | Above 1GHz | Peak | 1MHz | 3MHz | Peak Value |
| | | Peak | 1MHz | 10Hz | Average Value |
| Limit: | Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table, | | | | |
| | Frequency | Field Strength (microvolts/meter) | Measurement Distance (meters) | | |
| | 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 | | |
| | | Frequency | Limit (dBuV/m @3m) | Detector | |
| | Above 1G | 74.0 | Peak | | |
| | | 54.0 | Average | | |
| Test setup: | For radiated emissions below 30MHz | | | | |
| | <p>The diagram illustrates the test setup for radiated emissions below 30MHz. It shows an EUT (Equipment Under Test) placed on a turn table. A ground plane is positioned below the EUT. A distance of 3m is indicated between the EUT and the antenna. The antenna is connected to a receiver chain consisting of a Pre-Amplifier and a Receiver, which is connected to a Computer.</p> | | | | |
| | 30MHz to 1GHz | | | | |



Above 1GHz



Test Procedure:

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

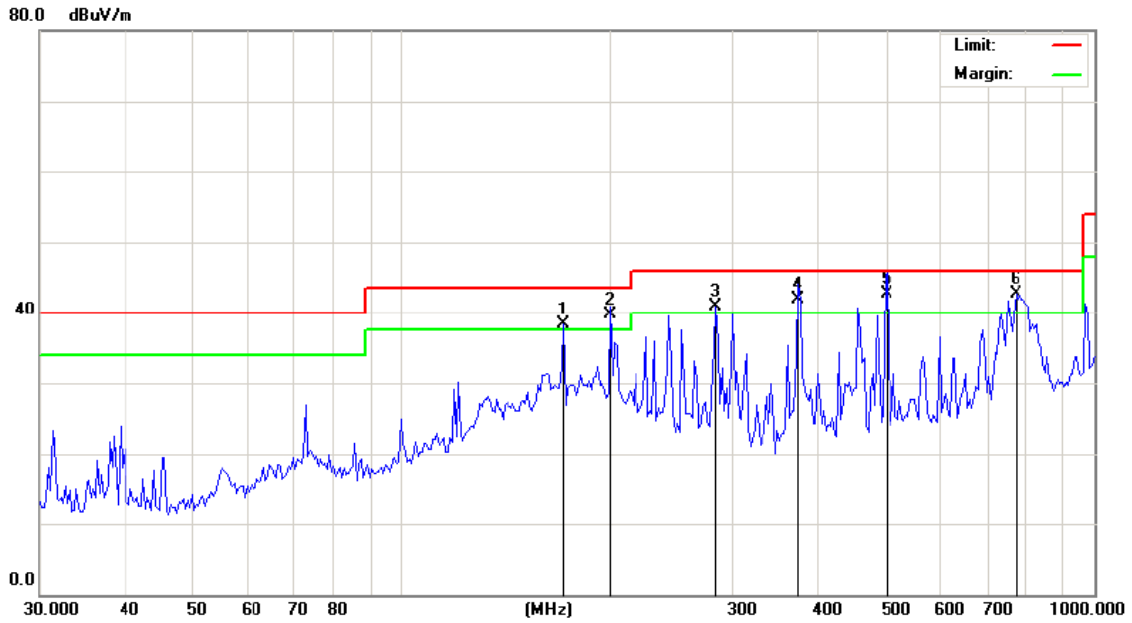
Test results:

PASS

6.8.3. Test Data

Please refer to following diagram for individual
Below 1GHz

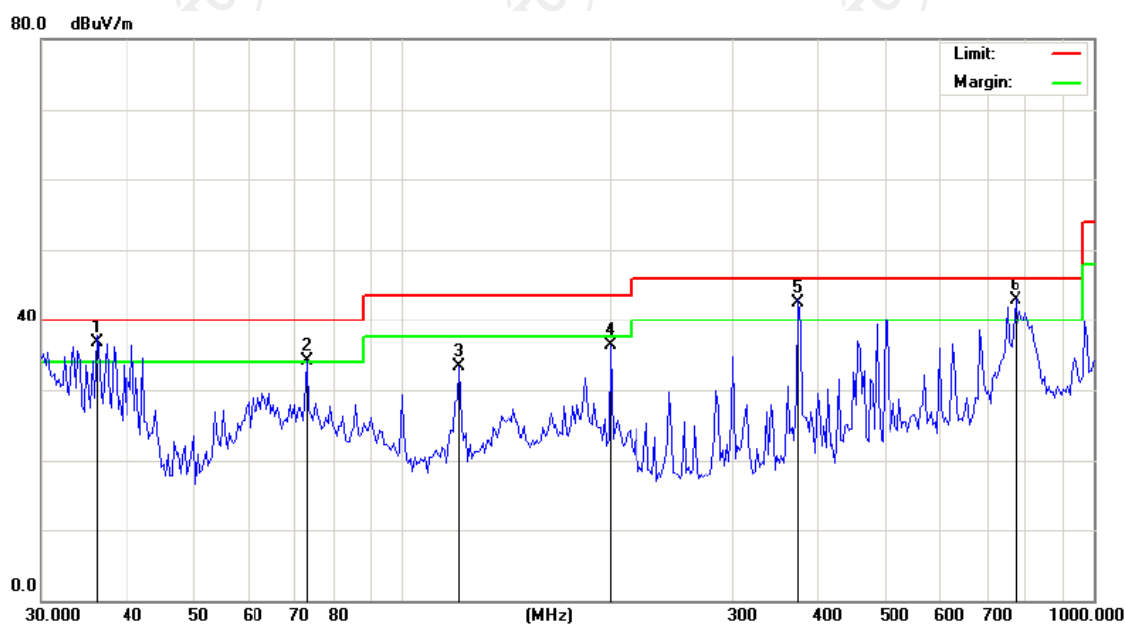
Horizontal:



Site: Polarization: **Horizontal** Temperature: 25
Limit: FCC Part 15B Class B RE_3 m Power: AC 120V/60Hz Humidity: 54 %

| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Antenna Height cm | Table Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|-----------------|---------|
| 1 | ! | 171.3890 | 51.91 | -13.66 | 38.25 | 43.50 | -5.25 | peak | 0 | |
| 2 | ! | 200.0432 | 51.31 | -11.67 | 39.64 | 43.50 | -3.86 | QP | 0 | |
| 3 | ! | 284.2606 | 49.78 | -8.79 | 40.99 | 46.00 | -5.01 | peak | 0 | |
| 4 | ! | 373.8861 | 48.65 | -6.73 | 41.92 | 46.00 | -4.08 | QP | 0 | |
| 5 | * | 502.2473 | 45.71 | -2.94 | 42.77 | 46.00 | -3.23 | QP | 0 | |
| 6 | ! | 771.0475 | 41.58 | 1.08 | 42.66 | 46.00 | -3.34 | peak | 0 | |

Vertical:



Site: Polarization: **Vertical** Temperature: 25
 Limit: FCC Part 15B Class B RE_3 m Power: AC 120V/60Hz Humidity: 54 %

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Over | Antenna Height | Table Degree |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | cm | degree |
| 1 | ! | 36.0140 | 49.74 | -12.97 | 36.77 | 40.00 | -3.23 | QP | 0 |
| 2 | ! | 72.7203 | 50.53 | -16.46 | 34.07 | 40.00 | -5.93 | peak | 0 |
| 3 | | 120.6118 | 47.09 | -13.74 | 33.35 | 43.50 | -10.15 | peak | 0 |
| 4 | | 200.0432 | 47.97 | -11.67 | 36.30 | 43.50 | -7.20 | peak | 0 |
| 5 | ! | 373.8861 | 49.23 | -6.73 | 42.50 | 46.00 | -3.50 | QP | 0 |
| 6 | * | 771.0475 | 41.87 | 1.08 | 42.95 | 46.00 | -3.05 | QP | 0 |

Note: 1. The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported

2. Measurements were conducted in all three channels (high, middle, low) and all modulation (802.11a, 802.11n), and the worst case Mode (Lowest channel and 802.11a) was submitted only.

Modulation Type: Band I

11a CH36: 5180MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 10360 | H | 51.2 | --- | 0.66 | 51.86 | --- | 74 | 54 | -2.14 |
| 15540 | H | 40.70 | --- | 9.5 | 50.20 | --- | 74 | 54 | -3.8 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10360 | V | 50.69 | --- | 0.66 | 51.35 | --- | 74 | 54 | -2.65 |
| 15540 | V | 43.87 | --- | 9.5 | 53.37 | --- | 74 | 54 | -0.63 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

11a CH44: 5220MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 10440 | H | 50.98 | --- | 0.99 | 51.97 | --- | 74 | 54 | -2.03 |
| 15660 | H | 39.7 | --- | 9.85 | 49.55 | --- | 74 | 54 | -4.45 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10440 | V | 51.99 | --- | 0.99 | 52.98 | --- | 74 | 54 | -1.02 |
| 15660 | V | 41.52 | --- | 9.85 | 51.37 | --- | 74 | 54 | -2.63 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

11a CH48: 5240MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 10480 | H | 49.34 | --- | 1.33 | 50.67 | --- | 74 | 54 | -3.33 |
| 15720 | H | 42.51 | --- | 10.22 | 52.73 | --- | 74 | 54 | -1.27 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10480 | V | 51.64 | --- | 1.33 | 52.97 | --- | 74 | 54 | -1.03 |
| 15720 | V | 40.52 | --- | 10.22 | 50.74 | --- | 74 | 54 | -3.26 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

11n(HT20) CH36: 5180MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 10360 | H | 53.28 | --- | 0.66 | 53.94 | --- | 74 | 54 | -0.06 |
| 15540 | H | 41.9 | --- | 9.5 | 51.4 | --- | 74 | 54 | -2.60 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10360 | V | 50.15 | --- | 0.66 | 50.81 | --- | 74 | 54 | -3.19 |
| 15540 | V | 44.26 | --- | 9.5 | 53.76 | --- | 74 | 54 | -0.24 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

11n(HT20) CH44: 5220MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 10440 | H | 51.81 | --- | 0.99 | 52.8 | --- | 74 | 54 | -1.20 |
| 15660 | H | 41.55 | --- | 9.85 | 51.4 | --- | 74 | 54 | -2.6 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10440 | V | 50.69 | --- | 0.99 | 51.68 | --- | 74 | 54 | -2.32 |
| 15660 | V | 43.43 | --- | 9.85 | 53.28 | --- | 74 | 54 | -0.72 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11n(HT20) CH48: 5240MHz | | | | | | | | | |
|--------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10480 | H | 51.76 | --- | 1.33 | 53.09 | --- | 74 | 54 | -0.91 |
| 15720 | H | 40.95 | --- | 10.22 | 51.17 | --- | 74 | 54 | -2.83 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10480 | V | 51.68 | --- | 1.33 | 53.01 | --- | 74 | 54 | -0.99 |
| 15720 | V | 42.24 | --- | 10.22 | 52.46 | --- | 74 | 54 | -1.54 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |
| 11n(HT40) CH38: 5190MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10380 | H | 50.14 | --- | 0.66 | 50.8 | --- | 74 | 54 | -3.2 |
| 15570 | H | 41.62 | --- | 9.5 | 51.12 | --- | 74 | 54 | -2.88 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10380 | V | 51.09 | --- | 0.66 | 51.75 | --- | 74 | 54 | -2.25 |
| 15570 | V | 39.87 | --- | 9.5 | 49.37 | --- | 74 | 54 | -4.63 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |
| 11n(HT40) CH46: 5230MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10460 | H | 48.47 | --- | 0.99 | 49.46 | --- | 74 | 54 | -4.54 |
| 15690 | H | 40.96 | --- | 9.85 | 50.81 | --- | 74 | 54 | -3.19 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10460 | V | 47.56 | --- | 0.99 | 48.55 | --- | 74 | 54 | -5.45 |
| 15690 | V | 39.6 | --- | 9.85 | 49.45 | --- | 74 | 54 | -4.55 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |
| 11ac(HT20) CH36: 5180MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10360 | H | 48.51 | --- | 1.33 | 49.84 | --- | 74 | 54 | -4.16 |
| 15540 | H | 39.45 | --- | 10.22 | 49.67 | --- | 74 | 54 | -4.33 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10360 | V | 49.15 | --- | 1.33 | 50.48 | --- | 74 | 54 | -3.52 |
| 15540 | V | 40.71 | --- | 10.22 | 50.93 | --- | 74 | 54 | -3.07 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |
| 11ac(HT20) CH44: 5220MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10440 | H | 50.46 | --- | 0.66 | 51.12 | --- | 74 | 54 | -2.88 |
| 15660 | H | 42.23 | --- | 9.5 | 51.73 | --- | 74 | 54 | -2.27 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10440 | V | 51.63 | --- | 0.66 | 52.29 | --- | 74 | 54 | -1.71 |
| 15660 | V | 43.58 | --- | 9.5 | 53.08 | --- | 74 | 54 | -0.92 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11ac(HT20) CH48: 5240MHz | | | | | | | | | |
|--------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10480 | H | 52.36 | --- | 0.99 | 53.35 | --- | 74 | 54 | -0.65 |
| 15720 | H | 41.96 | --- | 9.85 | 51.81 | --- | 74 | 54 | -2.19 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10480 | V | 49.17 | --- | 0.99 | 50.16 | --- | 74 | 54 | -3.84 |
| 15720 | V | 42.7 | --- | 9.85 | 52.55 | --- | 74 | 54 | -1.45 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |
| 11ac(HT40) CH38: 5190MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10380 | H | 50.26 | --- | 1.33 | 51.59 | --- | 74 | 54 | -2.41 |
| 15570 | H | 40.8 | --- | 10.22 | 51.02 | --- | 74 | 54 | -2.98 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10380 | V | 51.74 | --- | 1.33 | 53.07 | --- | 74 | 54 | -0.93 |
| 15570 | V | 42.69 | --- | 10.22 | 52.91 | --- | 74 | 54 | -1.09 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |
| 11ac(HT40) CH46: 5230MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10460 | H | 51.51 | --- | 0.66 | 52.17 | --- | 74 | 54 | -1.83 |
| 15690 | H | 41.8 | --- | 9.5 | 51.3 | --- | 74 | 54 | -2.7 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10460 | V | 50.3 | --- | 0.66 | 50.96 | --- | 74 | 54 | -3.04 |
| 15690 | V | 41.51 | --- | 9.5 | 51.01 | --- | 74 | 54 | -2.99 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |
| 11ac(HT80) CH42: 5210MHz | | | | | | | | | |
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 10420 | H | 48.96 | --- | 0.99 | 49.95 | --- | 74 | 54 | -4.05 |
| 15630 | H | 41.16 | --- | 9.85 | 51.01 | --- | 74 | 54 | -2.99 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 10420 | V | 51.24 | --- | 0.99 | 52.23 | --- | 74 | 54 | -1.77 |
| 15630 | V | 40.86 | --- | 9.85 | 50.71 | --- | 74 | 54 | -3.29 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier
2. Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 40GHz.
5. Data of measurement shown "—" in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

Modulation Type: Band IV

11a CH149: 5745MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 11490 | H | 52.68 | --- | 0.66 | 53.34 | --- | 74 | 54 | -0.66 |
| 17235 | H | 43.49 | --- | 9.5 | 52.99 | --- | 74 | 54 | -1.01 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11490 | V | 51.5 | --- | 0.66 | 52.16 | --- | 74 | 54 | -1.84 |
| 17235 | V | 44.24 | --- | 9.5 | 53.74 | --- | 74 | 54 | -0.26 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

11a CH157: 5785MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 11570 | H | 52.83 | --- | 0.99 | 53.82 | --- | 74 | 54 | -0.18 |
| 17355 | H | 43.33 | --- | 9.85 | 53.18 | --- | 74 | 54 | -0.82 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11570 | V | 49.4 | --- | 0.99 | 50.39 | --- | 74 | 54 | -3.61 |
| 17355 | V | 42.65 | --- | 9.85 | 52.5 | --- | 74 | 54 | -1.5 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

11a CH161: 5825MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 11650 | H | 51.74 | --- | 1.33 | 53.07 | --- | 74 | 54 | -0.93 |
| 17475 | H | 42.62 | --- | 10.22 | 52.84 | --- | 74 | 54 | -1.16 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11650 | V | 52.51 | --- | 1.33 | 53.84 | --- | 74 | 54 | -0.16 |
| 17475 | V | 42.9 | --- | 10.22 | 53.12 | --- | 74 | 54 | -0.88 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

11n(HT20) CH149: 5745MHz

| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dB μ V) | AV reading (dB μ V) | Correction Factor (dB/m) | Emission Level | | Peak limit (dB μ V/m) | AV limit (dB μ V/m) | Margin (dB) |
|-----------------|---------------|---------------------------|-------------------------|--------------------------|---------------------|-------------------|---------------------------|-------------------------|-------------|
| | | | | | Peak (dB μ V/m) | AV (dB μ V/m) | | | |
| 11490 | H | 51.16 | --- | 0.66 | 51.82 | --- | 74 | 54 | -2.18 |
| 17235 | H | 42.88 | --- | 9.5 | 52.38 | --- | 74 | 54 | -1.62 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11490 | V | 51.74 | --- | 0.66 | 52.4 | --- | 74 | 54 | -1.6 |
| 17235 | V | 43.55 | --- | 9.5 | 53.05 | --- | 74 | 54 | -0.95 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11n(HT20) CH157: 5785MHz | | | | | | | | | |
|--------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11570 | H | 50.39 | --- | 0.66 | 51.05 | --- | 74 | 54 | -2.95 |
| 17355 | H | 39.48 | --- | 9.5 | 48.98 | --- | 74 | 54 | -5.02 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11570 | V | 51.26 | --- | 0.66 | 51.92 | --- | 74 | 54 | -2.08 |
| 17355 | V | 42.75 | --- | 9.5 | 52.25 | --- | 74 | 54 | -1.75 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11n(HT20) CH161: 5825MHz | | | | | | | | | |
|--------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11650 | H | 52.37 | --- | 0.99 | 53.36 | --- | 74 | 54 | -0.64 |
| 17475 | H | 40.16 | --- | 9.85 | 50.01 | --- | 74 | 54 | -3.99 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11650 | V | 51.36 | --- | 0.99 | 52.35 | --- | 74 | 54 | -1.65 |
| 17475 | V | 39.85 | --- | 9.85 | 49.7 | --- | 74 | 54 | -4.3 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11n(HT40) CH151: 5755MHz | | | | | | | | | |
|--------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11510 | H | 51.66 | --- | 1.33 | 52.99 | --- | 74 | 54 | -1.01 |
| 17265 | H | 40.59 | --- | 10.22 | 50.81 | --- | 74 | 54 | -3.19 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11510 | V | 50.57 | --- | 1.33 | 51.9 | --- | 74 | 54 | -2.1 |
| 17265 | V | 40.35 | --- | 10.22 | 50.57 | --- | 74 | 54 | -3.43 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11n(HT40) CH159: 5795MHz | | | | | | | | | |
|--------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11590 | H | 52.41 | --- | 0.66 | 53.07 | --- | 74 | 54 | -0.93 |
| 17385 | H | 38.75 | --- | 9.5 | 48.25 | --- | 74 | 54 | -5.75 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11590 | V | 51.68 | --- | 0.66 | 52.34 | --- | 74 | 54 | -1.66 |
| 17385 | V | 39.67 | --- | 9.5 | 49.17 | --- | 74 | 54 | -4.83 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11ac(HT20) CH149: 5745MHz | | | | | | | | | |
|---------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11490 | H | 52.86 | --- | 0.66 | 53.52 | --- | 74 | 54 | -0.48 |
| 17235 | H | 43.6 | --- | 9.5 | 53.1 | --- | 74 | 54 | -0.9 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11490 | V | 53.19 | --- | 0.66 | 53.85 | --- | 74 | 54 | -0.15 |
| 17235 | V | 43.66 | --- | 9.5 | 53.16 | --- | 74 | 54 | -0.84 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11ac(HT20) CH157: 5785MHz | | | | | | | | | |
|---------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11570 | H | 51.45 | --- | 0.99 | 52.44 | --- | 74 | 54 | -1.56 |
| 17355 | H | 43.9 | --- | 9.85 | 53.75 | --- | 74 | 54 | -0.25 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11570 | V | 52.63 | --- | 0.99 | 53.62 | --- | 74 | 54 | -0.38 |
| 17355 | V | 40.38 | --- | 9.85 | 50.23 | --- | 74 | 54 | -3.77 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11ac(HT20) CH161: 5805MHz | | | | | | | | | |
|---------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11650 | H | 52.36 | --- | 1.33 | 53.69 | --- | 74 | 54 | -0.31 |
| 17475 | H | 39.85 | --- | 10.22 | 50.07 | --- | 74 | 54 | -3.93 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11650 | V | 51.24 | --- | 1.33 | 52.57 | --- | 74 | 54 | -1.43 |
| 17475 | V | 42.1 | --- | 10.22 | 52.32 | --- | 74 | 54 | -1.68 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11ac(HT40) CH151: 5755MHz | | | | | | | | | |
|---------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11510 | H | 50.97 | --- | 0.66 | 51.63 | --- | 74 | 54 | -2.37 |
| 17265 | H | 42.96 | --- | 9.5 | 52.46 | --- | 74 | 54 | -1.54 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11510 | V | 51.66 | --- | 0.66 | 52.32 | --- | 74 | 54 | -1.68 |
| 17265 | V | 43.41 | --- | 9.5 | 52.91 | --- | 74 | 54 | -1.09 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11ac(HT40) CH159: 5795MHz | | | | | | | | | |
|---------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11590 | H | 52.78 | --- | 0.99 | 53.77 | --- | 74 | 54 | -0.23 |
| 17385 | H | 42.54 | --- | 9.85 | 52.39 | --- | 74 | 54 | -1.61 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11590 | V | 51.86 | --- | 0.99 | 52.85 | --- | 74 | 54 | -1.15 |
| 17385 | V | 43.73 | --- | 9.85 | 53.58 | --- | 74 | 54 | -0.42 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

| 11ac(HT80) CH155: 5775MHz | | | | | | | | | |
|---------------------------|---------------|---------------------|-------------------|--------------------------|----------------|-------------|---------------------|-------------------|-------------|
| Frequency (MHz) | Ant. Pol. H/V | Peak reading (dBμV) | AV reading (dBμV) | Correction Factor (dB/m) | Emission Level | | Peak limit (dBμV/m) | AV limit (dBμV/m) | Margin (dB) |
| | | | | | Peak (dBμV/m) | AV (dBμV/m) | | | |
| 11550 | H | 50.57 | --- | 1.33 | 51.9 | --- | 74 | 54 | -2.10 |
| 17325 | H | 42.81 | --- | 10.22 | 53.03 | --- | 74 | 54 | -0.97 |
| --- | H | --- | --- | --- | --- | --- | --- | --- | --- |
| 11550 | V | 52.25 | --- | 1.33 | 53.58 | --- | 74 | 54 | -0.42 |
| 17325 | V | 39.66 | --- | 10.22 | 49.88 | --- | 74 | 54 | -4.12 |
| --- | V | --- | --- | --- | --- | --- | --- | --- | --- |

Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier
2. Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 40GHz.
5. Data of measurement shown “---“in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

6.9. Frequency Stability Measurement

6.9.1. Test Specification

| | |
|--------------------------|--|
| Test Requirement: | FCC Part15 Section 15.407(g) &Part2 J Section 2.1055 |
| Test Method: | ANSI C63.10: 2013 |
| Limit: | The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. |
| Test Setup: | <pre> graph LR SA[Spectrum Analyzer] --- EUT[EUT] subgraph TC [Temperature Chamber] EUT end P[AC/DC Power supply] --- EUT </pre> |
| Test Procedure: | The EUT was placed inside the environmental test chamber and powered by nominal AC/DC voltage. b. Turn the EUT on and couple its output to a spectrum analyzer. c. Turn the EUT off and set the chamber to the highest temperature specified. d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. e. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature. f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record. |
| Test Result: | PASS |
| Remark: | Pre-scan was performed at Antenna 0, Antenna 1 and Antenna 2, no worst case was found. Only the test data of Antenna 0 was shown in this report. |

Test plots as follows:

| Test mode: | | 802.11a | Frequency(MHz): | 5180 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VDC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5180.0092 | 9200 | PASS |
| 35 | | 5180.0064 | 6400 | PASS |
| 25 | | 5179.9878 | -12200 | PASS |
| 15 | | 5179.9983 | -1700 | PASS |
| 5 | | 5180.0038 | 3800 | PASS |
| 0 | | 5180.0042 | 4200 | PASS |
| 20 | 3.795 | 5179.9831 | -16900 | PASS |
| | 3.3 | 5180.0034 | 3400 | PASS |
| | 2.805 | 5179.9825 | -17500 | PASS |

| Test mode: | | 802.11a | Frequency(MHz): | 5200 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5200.0090 | 9000 | PASS |
| 35 | | 5200.0089 | 8900 | PASS |
| 25 | | 5200.0078 | 7800 | PASS |
| 15 | | 5200.0043 | 4300 | PASS |
| 5 | | 5199.9980 | -2000 | PASS |
| 0 | | 5199.9879 | -12100 | PASS |
| 20 | 3.795 | 5199.9957 | -4300 | PASS |
| | 3.3 | 5200.0031 | 3100 | PASS |
| | 2.805 | 5200.0053 | 5300 | PASS |

| Test mode: | | 802.11a | Frequency(MHz): | 5240 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5240.0043 | 4300 | PASS |
| 35 | | 5240.0029 | 2900 | PASS |
| 25 | | 5240.0024 | 2400 | PASS |
| 15 | | 5239.9991 | -900 | PASS |
| 5 | | 5239.9983 | -1700 | PASS |
| 0 | | 5239.9979 | -2100 | PASS |
| 20 | 3.795 | 5240.0035 | 3500 | PASS |
| | 3.3 | 5240.0010 | 1000 | PASS |
| | 2.805 | 5239.9985 | -1500 | PASS |

| Test mode: | 802.11a | Frequency(MHz): | 5745 | |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5745.0118 | 11800 | PASS |
| 35 | | 5745.0082 | 8200 | PASS |
| 25 | | 5745.0078 | 7800 | PASS |
| 15 | | 5745.0031 | 3100 | PASS |
| 5 | | 5744.9962 | -3800 | PASS |
| 0 | | 5744.9982 | -1800 | PASS |
| 20 | | 3.795 | 5745.0013 | 1300 |
| | 3.3 | 5745.0014 | 1400 | PASS |
| | 2.805 | 5745.0024 | 2400 | PASS |

| Test mode: | 802.11a | Frequency(MHz): | 5785 | |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5785.0086 | 8600 | PASS |
| 35 | | 5785.0029 | 2900 | PASS |
| 25 | | 5785.0021 | 2100 | PASS |
| 15 | | 5785.0009 | 900 | PASS |
| 5 | | 5785.0028 | 2800 | PASS |
| 0 | | 5785.0037 | 3700 | PASS |
| 20 | | 3.795 | 5785.0033 | 3300 |
| | 3.3 | 5785.0014 | 1400 | PASS |
| | 2.805 | 5784.9976 | -2400 | PASS |

| Test mode: | 802.11a | Frequency(MHz): | 5825 | |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5825.0097 | 9700 | PASS |
| 35 | | 5825.0042 | 4200 | PASS |
| 25 | | 5825.0023 | 2300 | PASS |
| 15 | | 5824.9989 | -1100 | PASS |
| 5 | | 5824.9975 | -2500 | PASS |
| 0 | | 5824.9964 | -3600 | PASS |
| 20 | | 3.795 | 5825.0032 | 3200 |
| | 3.3 | 5825.0013 | 1300 | PASS |
| | 2.805 | 5825.0025 | 2500 | PASS |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5180 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5180.0095 | 9500 | PASS |
| 35 | | 5180.0034 | 3400 | PASS |
| 25 | | 5179.9984 | -1600 | PASS |
| 15 | | 5179.9991 | -900 | PASS |
| 5 | | 5180.0023 | 2300 | PASS |
| 0 | | 5180.0032 | 3200 | PASS |
| 20 | | 3.795 | 5180.0024 | 2400 |
| | 3.3 | 5179.9994 | -600 | PASS |
| | 2.805 | 5179.9990 | -1000 | PASS |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5200 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5200.0089 | 8900 | PASS |
| 35 | | 5200.0043 | 4300 | PASS |
| 25 | | 5200.0032 | 3200 | PASS |
| 15 | | 5200.0013 | 1300 | PASS |
| 5 | | 5200.0029 | 2900 | PASS |
| 0 | | 5200.0044 | 4400 | PASS |
| 20 | | 3.795 | 5199.9974 | -2600 |
| | 3.3 | 5199.9993 | -700 | PASS |
| | 2.805 | 5200.0037 | 3700 | PASS |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5240 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5240.0092 | 9200 | PASS |
| 35 | | 5240.0024 | 2400 | PASS |
| 25 | | 5240.0038 | 3800 | PASS |
| 15 | | 5240.0013 | 1300 | PASS |
| 5 | | 5240.0042 | 4200 | PASS |
| 0 | | 5240.0045 | 4500 | PASS |
| 20 | | 3.795 | 5240.0036 | 3600 |
| | 3.3 | 5239.9995 | -500 | PASS |
| | 2.805 | 5239.9985 | -1500 | PASS |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5745 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5745.0076 | 7600 | PASS |
| 35 | | 5745.0028 | 2800 | PASS |
| 25 | | 5745.0035 | 3500 | PASS |
| 15 | | 5745.0024 | 2400 | PASS |
| 5 | | 5745.0013 | 1300 | PASS |
| 0 | | 5745.0034 | 3400 | PASS |
| 20 | | 3.795 | 5745.0042 | 4200 |
| | 3.3 | 5744.9979 | -2100 | PASS |
| | 2.805 | 5745.0035 | 3500 | PASS |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5785 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5785.0106 | 10600 | PASS |
| 35 | | 5785.0048 | 4800 | PASS |
| 25 | | 5785.0029 | 2900 | PASS |
| 15 | | 5784.9987 | -1300 | PASS |
| 5 | | 5784.9944 | -5600 | PASS |
| 0 | | 5785.0024 | 2400 | PASS |
| 20 | | 3.795 | 5785.0038 | 3800 |
| | 3.3 | 5785.0021 | 2100 | PASS |
| | 2.805 | 5785.0052 | 5200 | PASS |

| Test mode: | | 802.11n(HT20) | Frequency(MHz): | 5825 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5824.9813 | -18700 | PASS |
| 35 | | 5824.9952 | -4800 | PASS |
| 25 | | 5824.9953 | -4700 | PASS |
| 15 | | 5824.9985 | -1500 | PASS |
| 5 | | 5825.0015 | 1500 | PASS |
| 0 | | 5825.0046 | 4600 | PASS |
| 20 | | 3.795 | 5825.0042 | 4200 |
| | 3.3 | 5824.9987 | -1300 | PASS |
| | 2.805 | 5825.0024 | 2400 | PASS |

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5190 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5190.0127 | 12700 | PASS |
| 35 | | 5190.0110 | 11000 | PASS |
| 25 | | 5190.0104 | 10400 | PASS |
| 15 | | 5190.0035 | 3500 | PASS |
| 5 | | 5190.0062 | 6200 | PASS |
| 0 | | 5190.0078 | 7800 | PASS |
| 20 | | 3.795 | 5189.9910 | -9000 |
| | 3.3 | 5189.9978 | -2200 | PASS |
| | 2.805 | 5190.0042 | 4200 | PASS |

| Test mode: | | 802.11n(HT40) | Frequency(MHz): | 5230 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5230.0128 | 12800 | PASS |
| 35 | | 5230.0120 | 12000 | PASS |
| 25 | | 5230.0099 | 9900 | PASS |
| 15 | | 5229.9988 | -1200 | PASS |
| 5 | | 5229.9981 | -1900 | PASS |
| 0 | | 5230.0052 | 5200 | PASS |
| 20 | | 3.795 | 5230.0042 | 4200 |
| | 3.3 | 5230.0029 | 2900 | PASS |
| | 2.805 | 5229.9978 | -2200 | PASS |

| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5180 | |
|------------------|----------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5180.0056 | 5600 | PASS |
| 35 | | 5180.0032 | 3200 | PASS |
| 25 | | 5180.0074 | 7400 | PASS |
| 15 | | 5180.0040 | 4000 | PASS |
| 5 | | 5179.9991 | -900 | PASS |
| 0 | | 5179.9980 | -2000 | PASS |
| 20 | | 3.795 | 5180.0055 | 5500 |
| | 3.3 | 5180.0065 | 6500 | PASS |
| | 2.805 | 5180.0042 | 4200 | PASS |

| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5220 | |
|------------------|----------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5220.0043 | 4300 | PASS |
| 35 | | 5220.0051 | 5100 | PASS |
| 25 | | 5220.0038 | 3800 | PASS |
| 15 | | 5220.0020 | 2000 | PASS |
| 5 | | 5220.0089 | 8900 | PASS |
| 0 | | 5220.0024 | 2400 | PASS |
| 20 | | 3.795 | 5220.0075 | 7500 |
| | 3.3 | 5219.9973 | -2700 | PASS |
| | 2.805 | 5219.9965 | -3500 | PASS |

| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5240 | |
|------------------|----------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5240.0029 | 2900 | PASS |
| 35 | | 5240.0085 | 8500 | PASS |
| 25 | | 5239.9975 | -2500 | PASS |
| 15 | | 5239.9964 | -3600 | PASS |
| 5 | | 5240.0054 | 5400 | PASS |
| 0 | | 5240.0038 | 3800 | PASS |
| 20 | | 3.795 | 5240.0016 | 1600 |
| | 3.3 | 5240.0042 | 4200 | PASS |
| | 2.805 | 5240.0060 | 6000 | PASS |

| Test mode: | | 802.11ac(HT20) | Frequency(MHz): | 5745 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5745.0012 | 1200 | PASS |
| 35 | | 5745.0014 | 1400 | PASS |
| 25 | | 5744.9960 | -4000 | PASS |
| 15 | | 5744.9955 | -4500 | PASS |
| 5 | | 5745.0033 | 3300 | PASS |
| 0 | | 5745.0041 | 4100 | PASS |
| 20 | | 3.795 | 5745.0076 | 7600 |
| | 3.3 | 5745.0071 | 7100 | PASS |
| | 2.805 | 5745.0021 | 2100 | PASS |

| Test mode: | | 802.11ac(HT20) | Frequency(MHz): | 5785 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5785.0083 | 8300 | PASS |
| 35 | | 5785.0030 | 3000 | PASS |
| 25 | | 5785.0028 | 2800 | PASS |
| 15 | | 5785.0008 | 800 | PASS |
| 5 | | 5785.0025 | 2500 | PASS |
| 0 | | 5785.0043 | 4300 | PASS |
| 20 | | 3.795 | 5785.0057 | 5700 |
| | 3.3 | 5785.0026 | 2600 | PASS |
| | 2.805 | 5784.9975 | -2500 | PASS |

| Test mode: | | 802.11ac(HT20) | Frequency(MHz): | 5805 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5805.0046 | 4600 | PASS |
| 35 | | 5805.0051 | 5100 | PASS |
| 25 | | 5805.0027 | 2700 | PASS |
| 15 | | 5805.0049 | 4900 | PASS |
| 5 | | 5805.0088 | 8800 | PASS |
| 0 | | 5805.0066 | 6600 | PASS |
| 20 | | 3.795 | 5805.0023 | 2300 |
| | 3.3 | 5805.0015 | 1500 | PASS |
| | 2.805 | 5804.9993 | -700 | PASS |

| Test mode: | | 802.11ac(HT40) | Frequency(MHz): | 5190 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5190.0034 | 3400 | PASS |
| 35 | | 5190.0058 | 5800 | PASS |
| 25 | | 5189.9953 | -4700 | PASS |
| 15 | | 5190.0021 | 2100 | PASS |
| 5 | | 5190.0037 | 3700 | PASS |
| 0 | | 5190.0061 | 6100 | PASS |
| 20 | | 3.795 | 5190.0025 | 2500 |
| | 3.3 | 5189.9945 | -5500 | PASS |
| | 2.805 | 5190.0039 | 3900 | PASS |

| Test mode: | | 802.11ac(HT40) | Frequency(MHz): | 5230 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5230.0092 | 9200 | PASS |
| 35 | | 5230.0013 | 1300 | PASS |
| 25 | | 5230.0035 | 3500 | PASS |
| 15 | | 5230.0070 | 7000 | PASS |
| 5 | | 5230.0081 | 8100 | PASS |
| 0 | | 5230.0051 | 5100 | PASS |
| 20 | | 3.795 | 5230.0049 | 4900 |
| | 3.3 | 5229.9975 | -2500 | PASS |
| | 2.805 | 5229.9985 | -1500 | PASS |

| Test mode: | | 802.11ac(HT40) | Frequency(MHz): | 5755 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5755.0164 | 16400 | PASS |
| 35 | | 5755.0105 | 10500 | PASS |
| 25 | | 5754.9990 | -1000 | PASS |
| 15 | | 5755.0017 | 1700 | PASS |
| 5 | | 5755.0089 | 8900 | PASS |
| 0 | | 5755.0052 | 5200 | PASS |
| 20 | | 3.795 | 5755.0066 | 6600 |
| | 3.3 | 5755.0023 | 2300 | PASS |
| | 2.805 | 5755.0035 | 3500 | PASS |

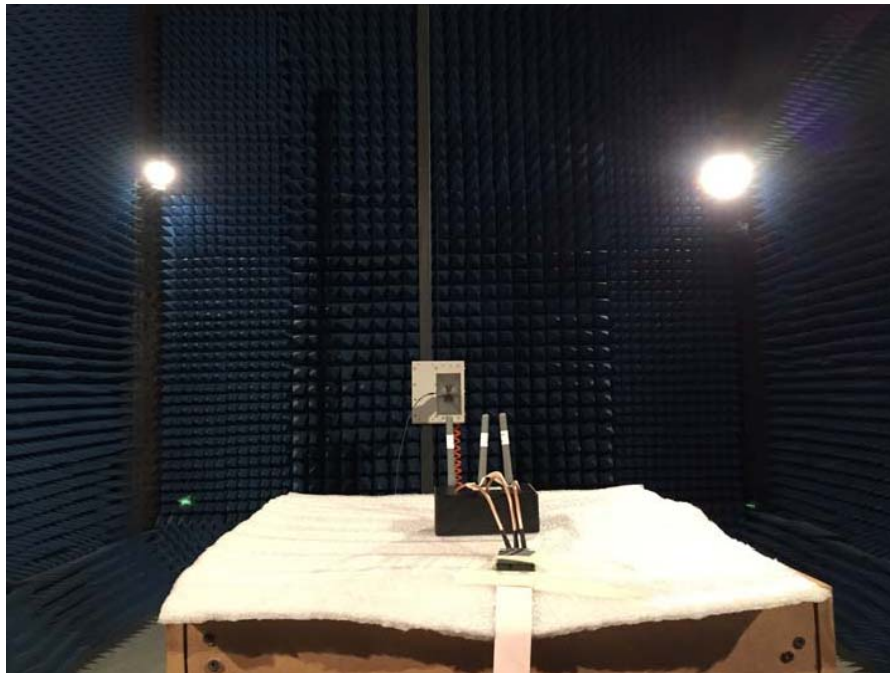
| Test mode: | | 802.11ac(HT40) | Frequency(MHz): | 5795 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5795.0083 | 8300 | PASS |
| 35 | | 5795.0025 | 2500 | PASS |
| 25 | | 5795.0034 | 3400 | PASS |
| 15 | | 5795.0012 | 1200 | PASS |
| 5 | | 5795.0046 | 4600 | PASS |
| 0 | | 5795.0059 | 5900 | PASS |
| 20 | | 3.795 | 5795.0075 | 7500 |
| | 3.3 | 5794.9970 | -3000 | PASS |
| | 2.805 | 5794.9945 | -5500 | PASS |

| Test mode: | | 802.11ac(HT80) | Frequency(MHz): | 5210 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5210.0018 | 1800 | PASS |
| 35 | | 5210.0029 | 2900 | PASS |
| 25 | | 5210.0055 | 5500 | PASS |
| 15 | | 5210.0067 | 6700 | PASS |
| 5 | | 5210.0043 | 4300 | PASS |
| 0 | | 5210.0081 | 8100 | PASS |
| 20 | | 3.795 | 5209.9910 | -9000 |
| | 3.3 | 5210.0051 | 5100 | PASS |
| | 2.805 | 5209.9925 | -7500 | PASS |

| Test mode: | | 802.11ac(HT80) | Frequency(MHz): | 5775 |
|------------------|--------------|----------------------------|---------------------|--------|
| Temperature (°C) | Voltage(VAC) | Measurement Frequency(MHz) | Delta Frequency(Hz) | Result |
| 45 | 3.3 | 5775.0158 | 15800 | PASS |
| 35 | | 5775.0084 | 8400 | PASS |
| 25 | | 5775.0042 | 4200 | PASS |
| 15 | | 5775.0025 | 2500 | PASS |
| 5 | | 5775.0036 | 3600 | PASS |
| 0 | | 5774.9983 | -1700 | PASS |
| 20 | | 3.795 | 5775.0021 | 2100 |
| | 3.3 | 5775.0030 | 3000 | PASS |
| | 2.805 | 5775.0066 | 6600 | PASS |

7. Appendix A: Photographs of Test Setup

Product: Wi-Fi® Radio Transceiver
Model: NM-DB-3
Radiated Emission



Conducted Emission



8. Photographs of EUT

Refer to the test report No. TCT170221E008

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