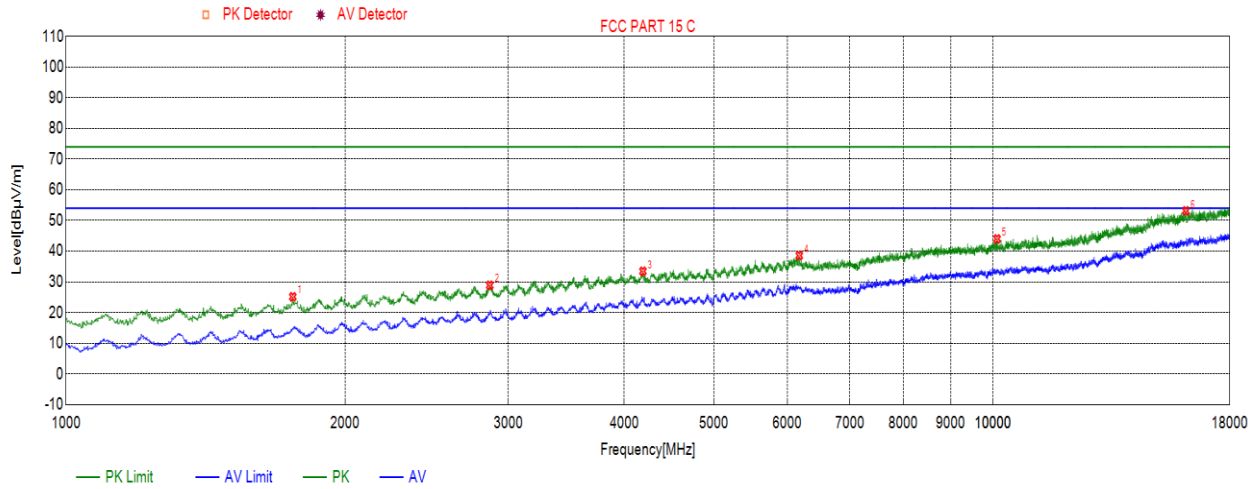
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11a c HT40 | HCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1756.5757 | 25.12 | 74.00 | -48.88 | peak |
| 2 | 2865.0865 | 28.88 | 74.00 | -45.12 | peak |
| 3 | 4191.2191 | 33.45 | 74.00 | -40.55 | peak |
| 4 | 6180.4180 | 38.57 | 74.00 | -35.43 | peak |
| 5 | 10101.0101 | 43.99 | 74.00 | -30.01 | peak |
| 6 | 16141.7142 | 53.15 | 74.00 | -20.85 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2, find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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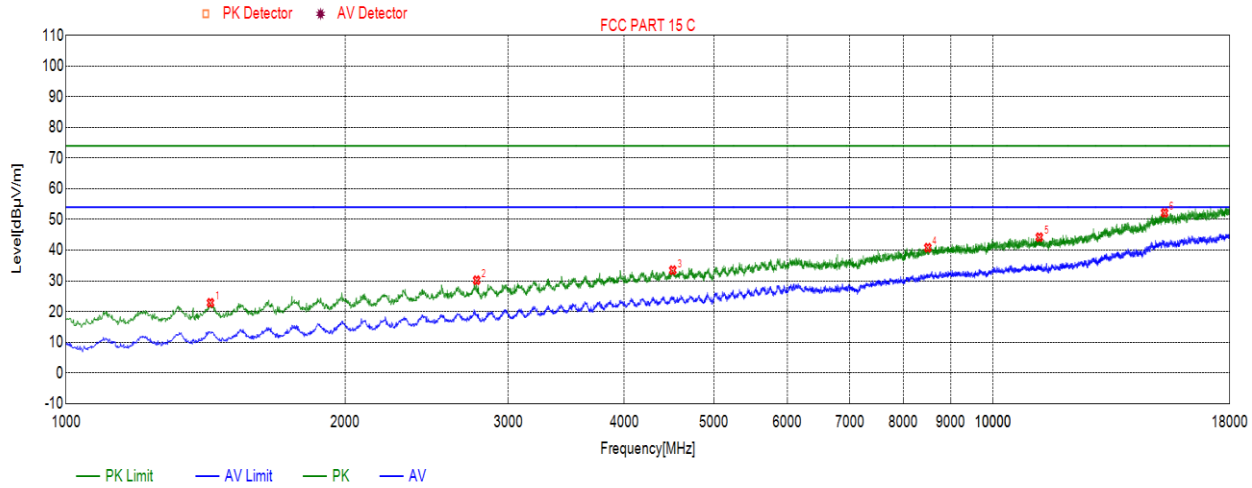
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT40 | HCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1431.8432 | 22.85 | 74.00 | -51.15 | peak |
| 2 | 2773.2773 | 30.21 | 74.00 | -43.79 | peak |
| 3 | 4514.2514 | 33.47 | 74.00 | -40.53 | peak |
| 4 | 8504.5505 | 40.81 | 74.00 | -33.19 | peak |
| 5 | 11218.0218 | 44.22 | 74.00 | -29.78 | peak |
| 6 | 15312.0312 | 52.16 | 74.00 | -21.84 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2, find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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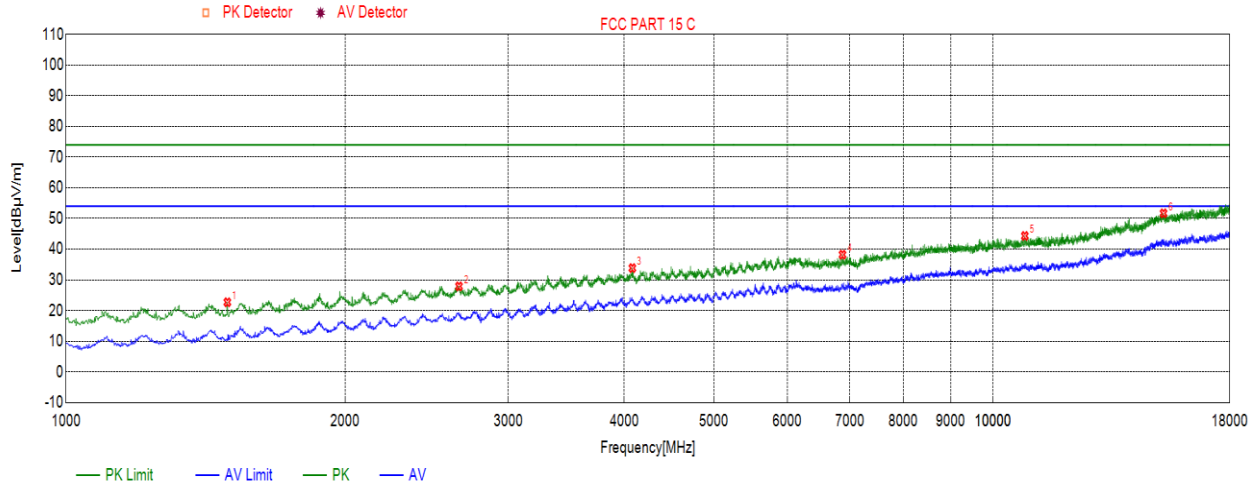
**4. 802.11ac HT80**

**Test Graphs(Worst Case: Antenna 2):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT80 | LCH & MCH & HCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1493.0493 | 22.70 | 74.00 | -51.30 | peak |
| 2 | 2654.2654 | 27.89 | 74.00 | -46.11 | peak |
| 3 | 4082.4082 | 33.83 | 74.00 | -40.17 | peak |
| 4 | 6880.8881 | 38.22 | 74.00 | -35.78 | peak |
| 5 | 10821.8822 | 44.32 | 74.00 | -29.68 | peak |
| 6 | 15271.2271 | 51.69 | 74.00 | -22.31 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2 , find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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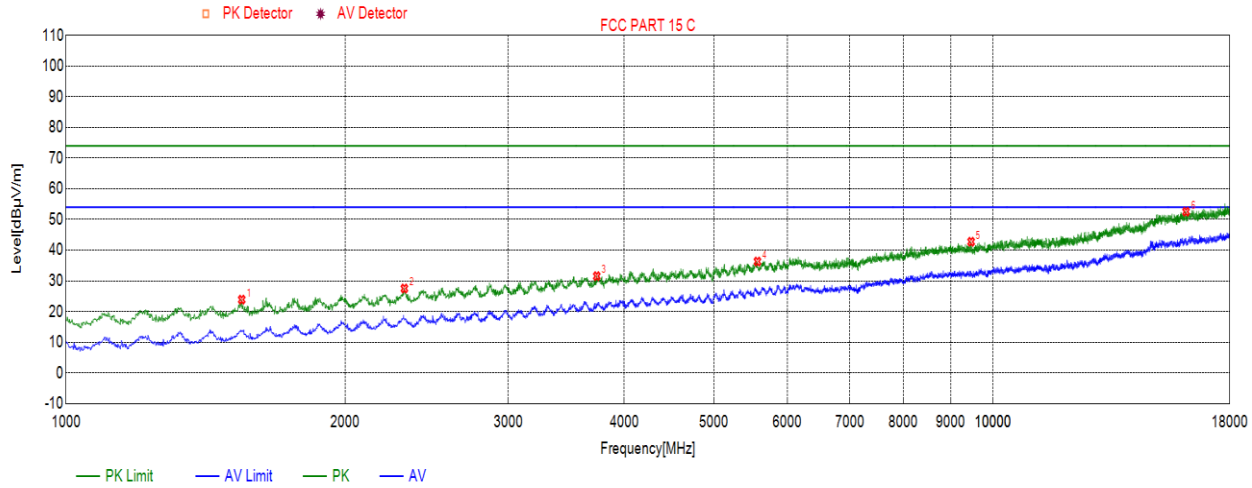
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT80 | LCH & & MCH & HCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1547.4547 | 23.88 | 74.00 | -50.12 | peak |
| 2 | 2317.6318 | 27.51 | 74.00 | -46.49 | peak |
| 3 | 3737.2737 | 31.54 | 74.00 | -42.46 | peak |
| 4 | 5570.0570 | 36.30 | 74.00 | -37.70 | peak |
| 5 | 9470.2470 | 42.75 | 74.00 | -31.25 | peak |
| 6 | 16150.2150 | 52.54 | 74.00 | -21.46 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2 , find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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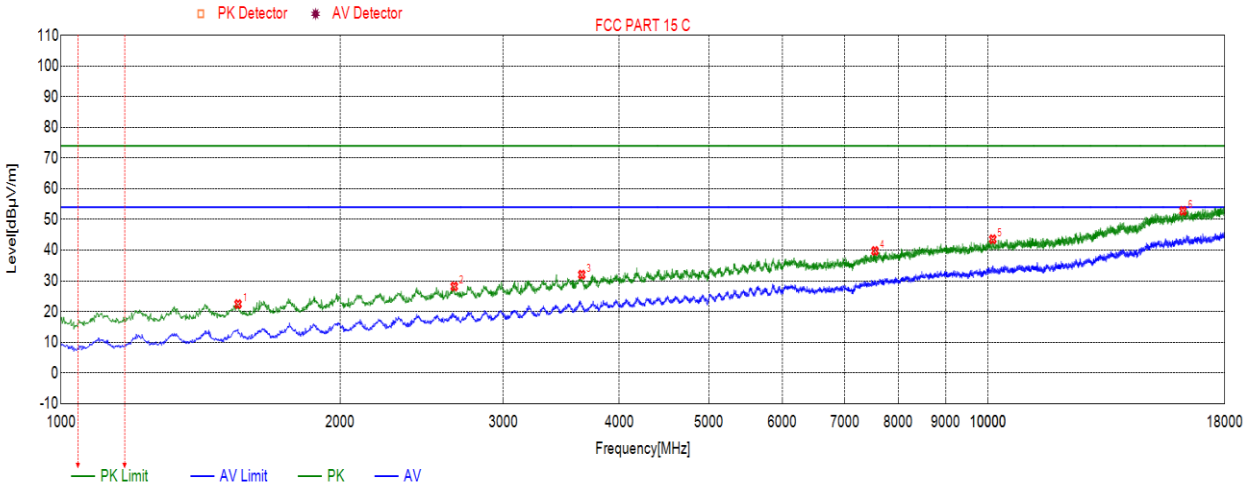
## 6.2.4. UNII-3 BAND

### 1. 802.11a

**Test Graphs(Worse Case: Antenna 2):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11a | LCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1552.5553 | 22.43 | 74.00 | -51.57 | peak |
| 2 | 2655.9656 | 28.17 | 74.00 | -45.83 | peak |
| 3 | 3645.4645 | 32.02 | 74.00 | -41.98 | peak |
| 4 | 7550.7551 | 39.75 | 74.00 | -34.25 | peak |
| 5 | 10118.0118 | 43.57 | 74.00 | -30.43 | peak |
| 6 | 16228.4228 | 52.82 | 74.00 | -21.18 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2, find the antenna 2 which is worse case, so only the data of the antenna 2 is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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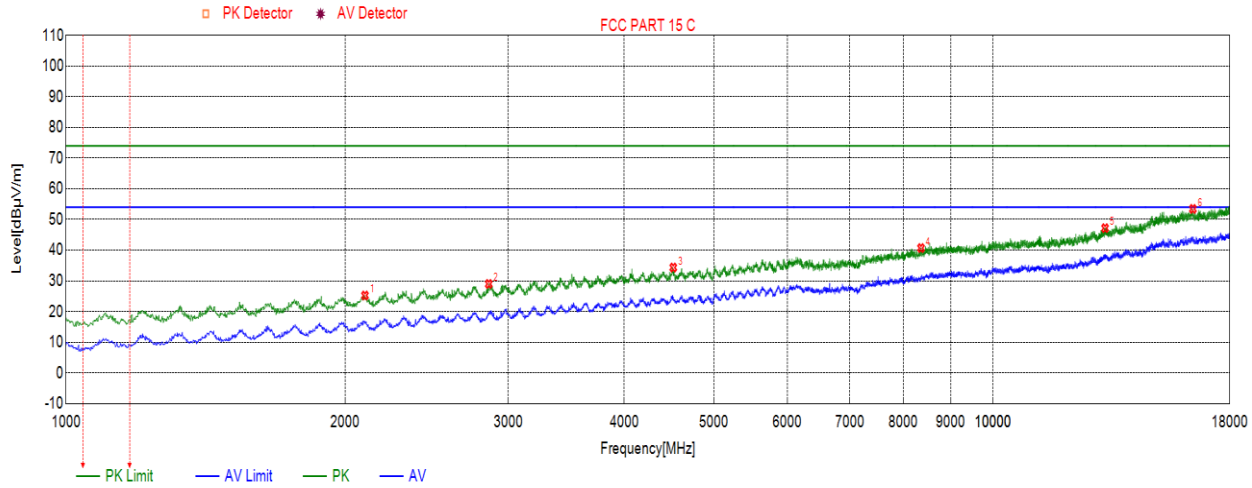
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11a | LCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 2101.7102 | 25.23 | 74.00 | -48.77 | peak |
| 2 | 2858.2858 | 29.00 | 74.00 | -45.00 | peak |
| 3 | 4519.3519 | 34.34 | 74.00 | -39.66 | peak |
| 4 | 8361.7362 | 40.70 | 74.00 | -33.30 | peak |
| 5 | 13207.2207 | 47.18 | 74.00 | -26.82 | peak |
| 6 | 16427.3427 | 53.47 | 74.00 | -20.53 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2, find the antenna 2 which is worse case, so only the data of the antenna 2 is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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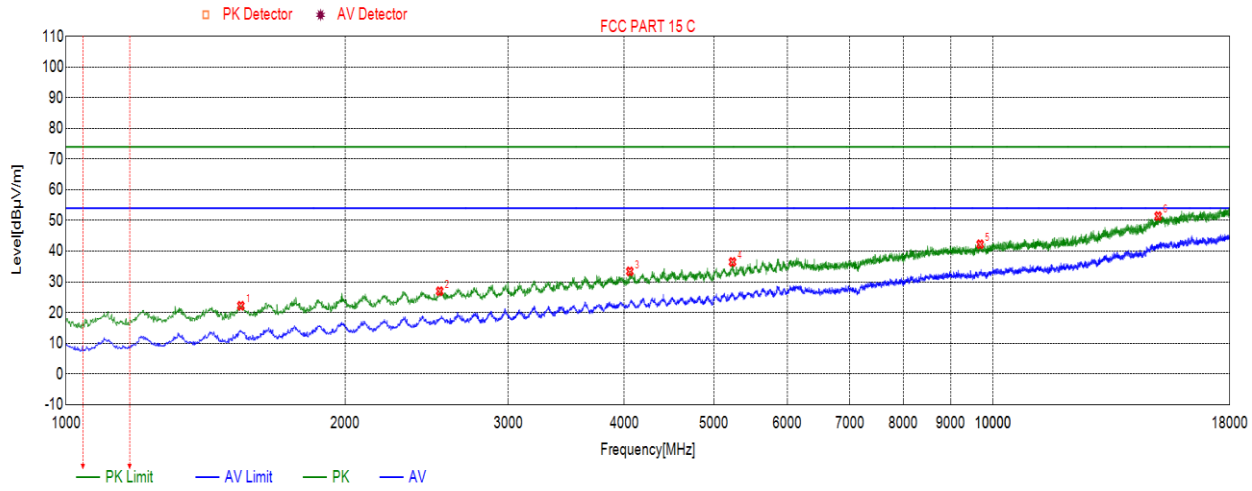
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11a | MCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1544.0544 | 22.20 | 74.00 | -51.80 | peak |
| 2 | 2530.1530 | 26.95 | 74.00 | -47.05 | peak |
| 3 | 4056.9057 | 33.41 | 74.00 | -40.59 | peak |
| 4 | 5235.1235 | 36.49 | 74.00 | -37.51 | peak |
| 5 | 9684.4684 | 42.25 | 74.00 | -31.75 | peak |
| 6 | 15068.9069 | 51.45 | 74.00 | -22.55 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2, find the antenna 2 which is worse case, so only the data of the antenna 2 is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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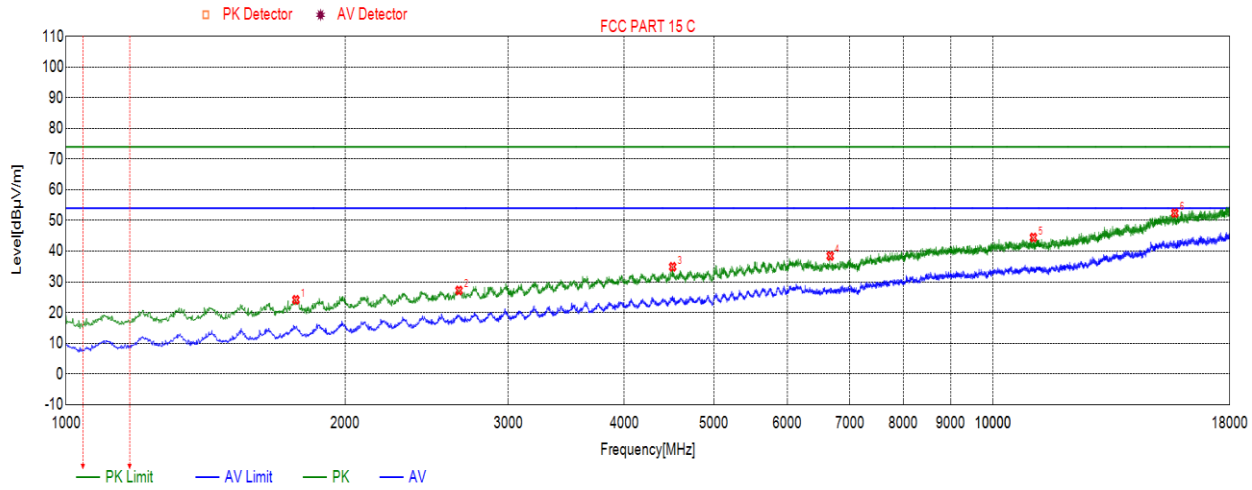
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11a | MCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1770.1770 | 24.15 | 74.00 | -49.85 | peak |
| 2 | 2654.2654 | 27.20 | 74.00 | -46.80 | peak |
| 3 | 4512.5513 | 34.90 | 74.00 | -39.10 | peak |
| 4 | 6673.4673 | 38.44 | 74.00 | -35.56 | peak |
| 5 | 11053.1053 | 44.47 | 74.00 | -29.53 | peak |
| 6 | 15706.4706 | 52.41 | 74.00 | -21.59 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2, find the antenna 2 which is worse case, so only the data of the antenna 2 is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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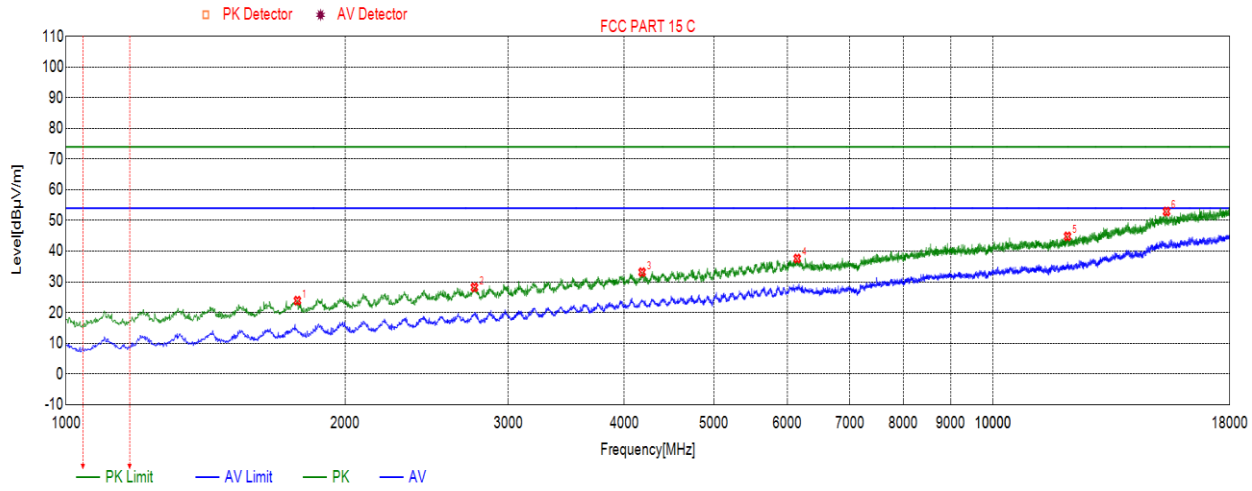
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11a | HCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1776.9777 | 23.88 | 74.00 | -50.12 | peak |
| 2 | 2757.9758 | 28.20 | 74.00 | -45.80 | peak |
| 3 | 4182.7183 | 33.15 | 74.00 | -40.85 | peak |
| 4 | 6148.1148 | 37.60 | 74.00 | -36.40 | peak |
| 5 | 12032.4032 | 44.83 | 74.00 | -29.17 | peak |
| 6 | 15386.8387 | 52.92 | 74.00 | -21.08 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2, find the antenna 2 which is worse case, so only the data of the antenna 2 is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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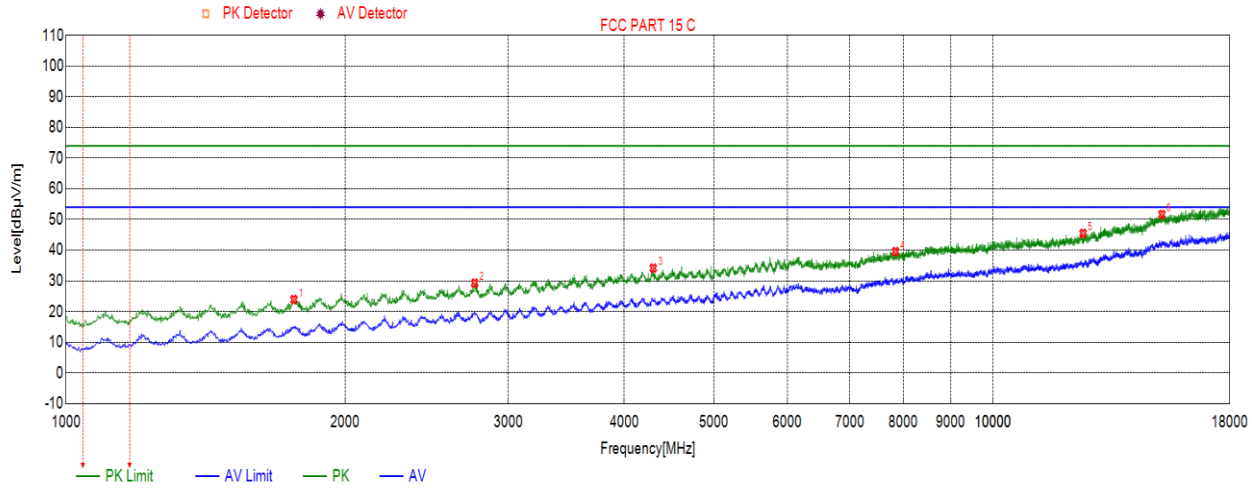
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11a | HCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1761.6762 | 23.91 | 74.00 | -50.09 | peak |
| 2 | 2759.6760 | 29.23 | 74.00 | -44.77 | peak |
| 3 | 4300.0300 | 34.15 | 74.00 | -39.85 | peak |
| 4 | 7849.9850 | 39.55 | 74.00 | -34.45 | peak |
| 5 | 12505.0505 | 45.50 | 74.00 | -28.50 | peak |
| 6 | 15210.0210 | 51.62 | 74.00 | -22.38 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2, find the antenna 2 which is worse case, so only the data of the antenna 2 is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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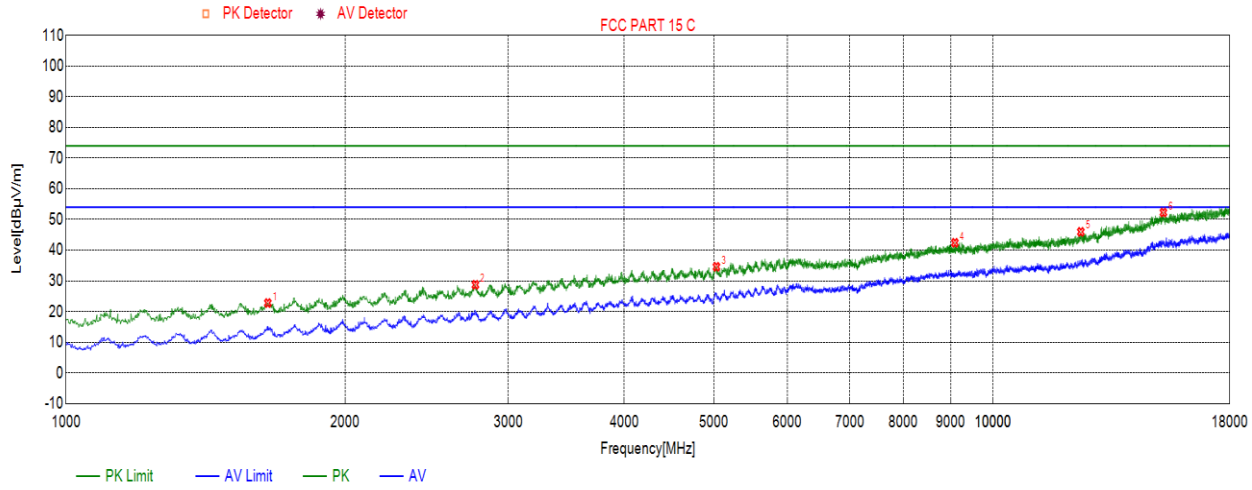
**2. 802.11ac HT20**

**Test Graphs(Worst Case: Antenna 1+Antenna 2):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1651.1651 | 22.77 | 74.00 | -51.23 | peak |
| 2 | 2764.7765 | 28.72 | 74.00 | -45.28 | peak |
| 3 | 5031.1031 | 34.58 | 74.00 | -39.42 | peak |
| 4 | 9096.2096 | 42.42 | 74.00 | -31.58 | peak |
| 5 | 12435.3435 | 45.98 | 74.00 | -28.02 | peak |
| 6 | 15266.1266 | 52.28 | 74.00 | -21.72 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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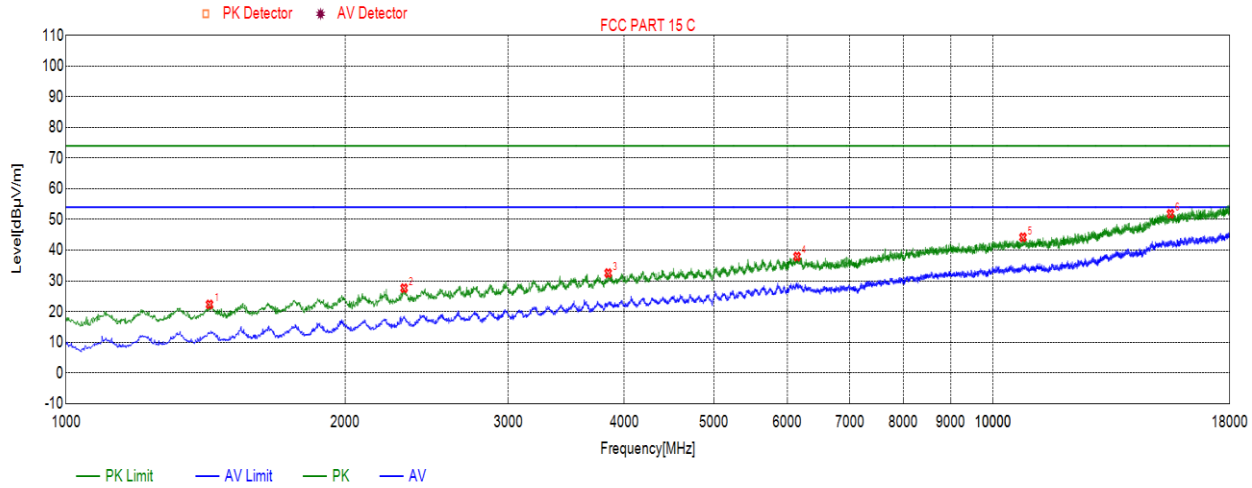
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1428.4428 | 22.31 | 74.00 | -51.69 | peak |
| 2 | 2315.9316 | 27.62 | 74.00 | -46.38 | peak |
| 3 | 3844.3844 | 32.53 | 74.00 | -41.47 | peak |
| 4 | 6146.4146 | 37.93 | 74.00 | -36.07 | peak |
| 5 | 10770.8771 | 44.20 | 74.00 | -29.80 | peak |
| 6 | 15539.8540 | 51.85 | 74.00 | -22.15 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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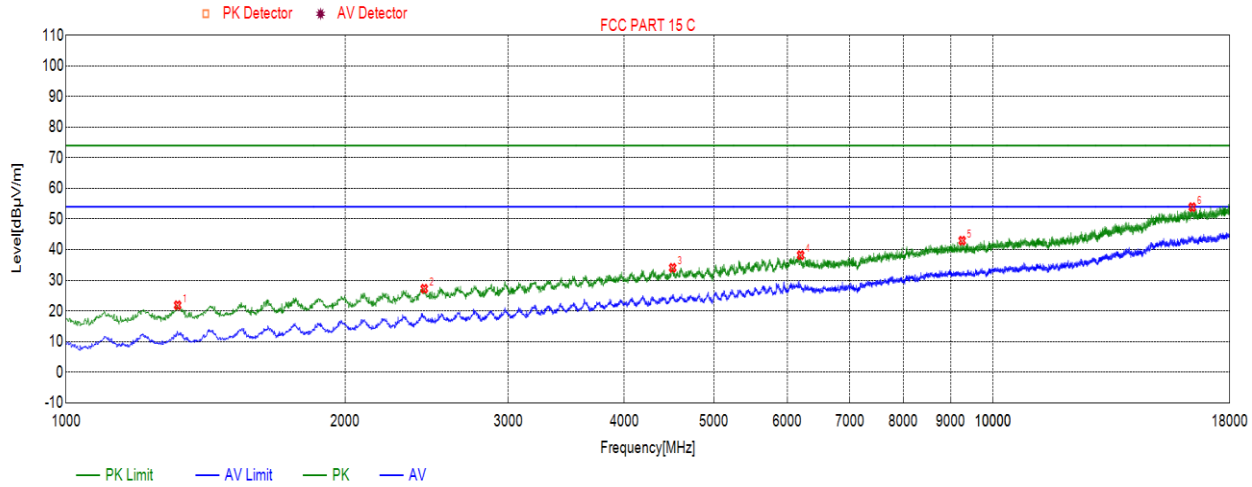
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | MCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1319.6320 | 21.87 | 74.00 | -52.13 | peak |
| 2 | 2434.9435 | 27.26 | 74.00 | -46.74 | peak |
| 3 | 4512.5513 | 34.08 | 74.00 | -39.92 | peak |
| 4 | 6200.8201 | 38.20 | 74.00 | -35.80 | peak |
| 5 | 9261.1261 | 42.95 | 74.00 | -31.05 | peak |
| 6 | 16400.1400 | 53.89 | 74.00 | -20.11 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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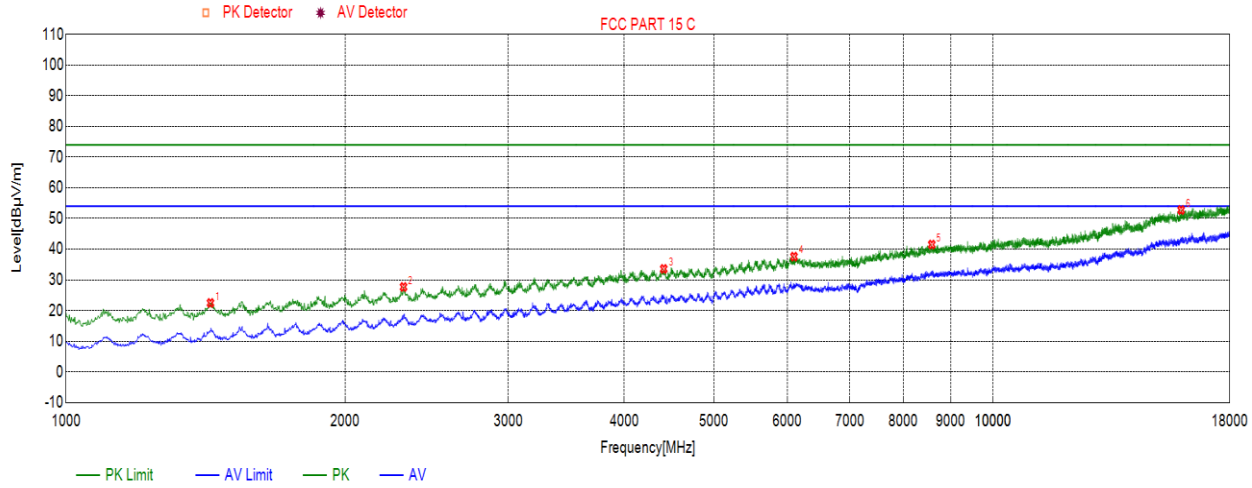
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | MCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1431.8432 | 22.48 | 74.00 | -51.52 | peak |
| 2 | 2312.5313 | 27.69 | 74.00 | -46.31 | peak |
| 3 | 4413.9414 | 33.57 | 74.00 | -40.43 | peak |
| 4 | 6100.5101 | 37.57 | 74.00 | -36.43 | peak |
| 5 | 8587.8588 | 41.50 | 74.00 | -32.50 | peak |
| 6 | 15952.9953 | 52.78 | 74.00 | -21.22 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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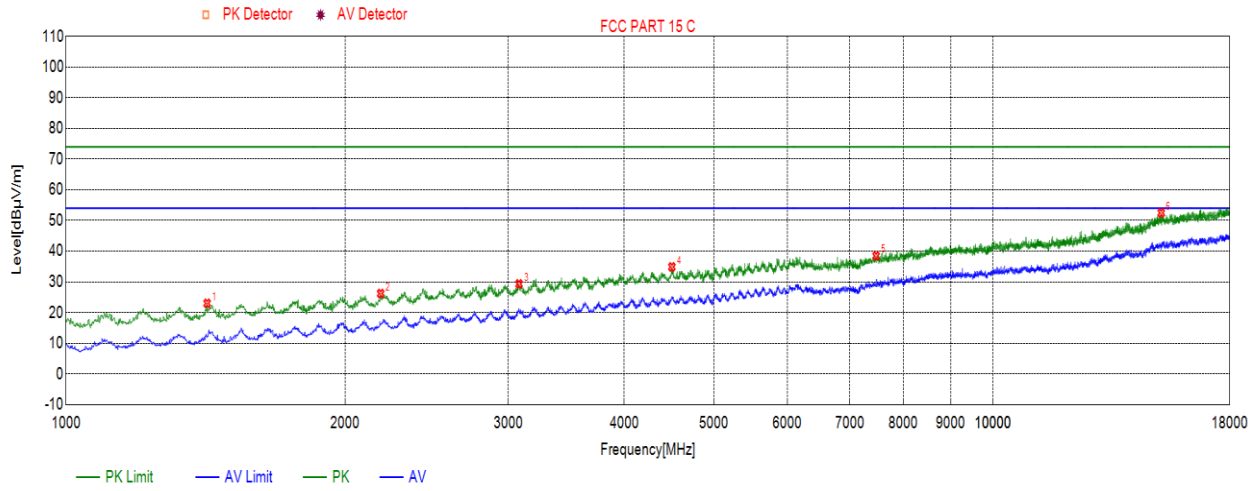
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | HCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1419.9420 | 23.00 | 74.00 | -51.00 | peak |
| 2 | 2185.0185 | 26.19 | 74.00 | -47.81 | peak |
| 3 | 3081.0081 | 29.32 | 74.00 | -44.68 | peak |
| 4 | 4504.0504 | 34.88 | 74.00 | -39.12 | peak |
| 5 | 7479.3479 | 38.44 | 74.00 | -35.56 | peak |
| 6 | 15184.5185 | 52.49 | 74.00 | -21.51 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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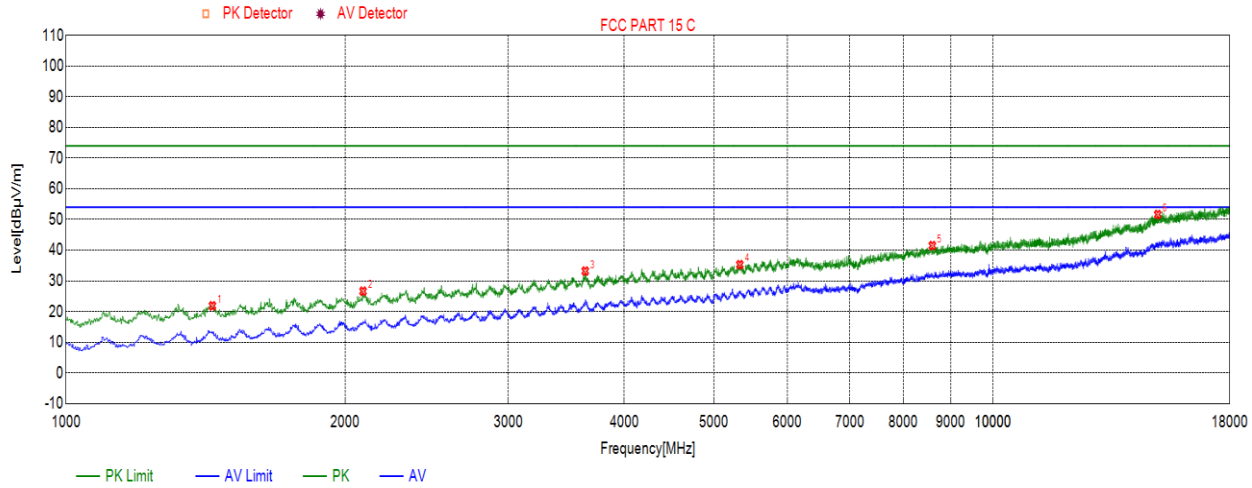
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | HCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1438.6439 | 21.86 | 74.00 | -52.14 | peak |
| 2 | 2091.5092 | 26.61 | 74.00 | -47.39 | peak |
| 3 | 3631.8632 | 33.18 | 74.00 | -40.82 | peak |
| 4 | 5332.0332 | 35.27 | 74.00 | -38.73 | peak |
| 5 | 8599.7600 | 41.49 | 74.00 | -32.51 | peak |
| 6 | 15053.6054 | 51.62 | 74.00 | -22.38 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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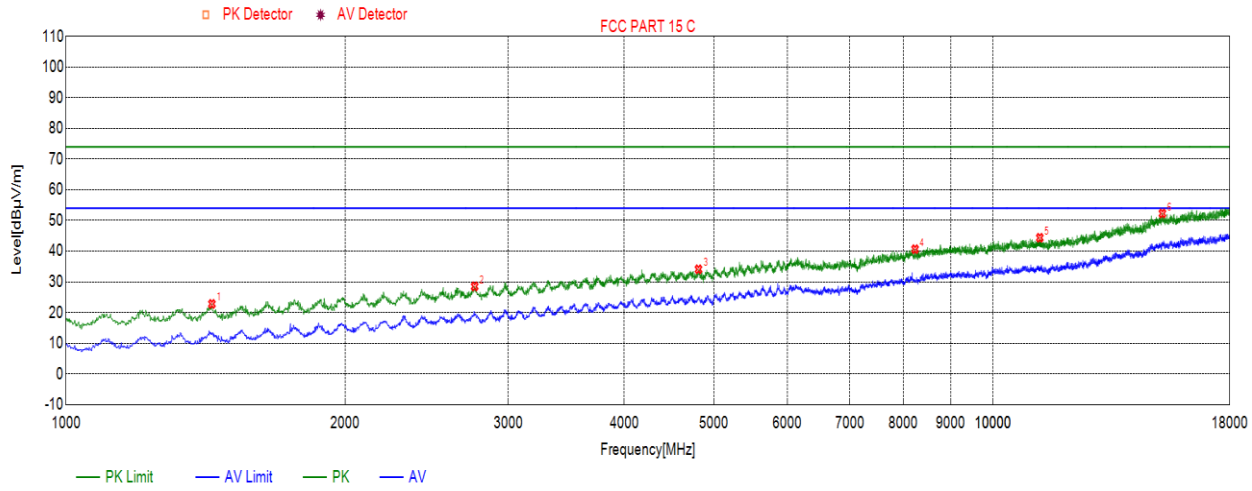
### 3. 802.11ac HT40

**Test Graphs(Worst Case: Antenna 2):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT40 | LCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1436.9437 | 22.81 | 74.00 | -51.19 | peak |
| 2 | 2759.6760 | 28.51 | 74.00 | -45.49 | peak |
| 3 | 4811.7812 | 34.10 | 74.00 | -39.90 | peak |
| 4 | 8239.3239 | 40.65 | 74.00 | -33.35 | peak |
| 5 | 11231.6232 | 44.37 | 74.00 | -29.63 | peak |
| 6 | 15228.7229 | 52.30 | 74.00 | -21.70 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2, find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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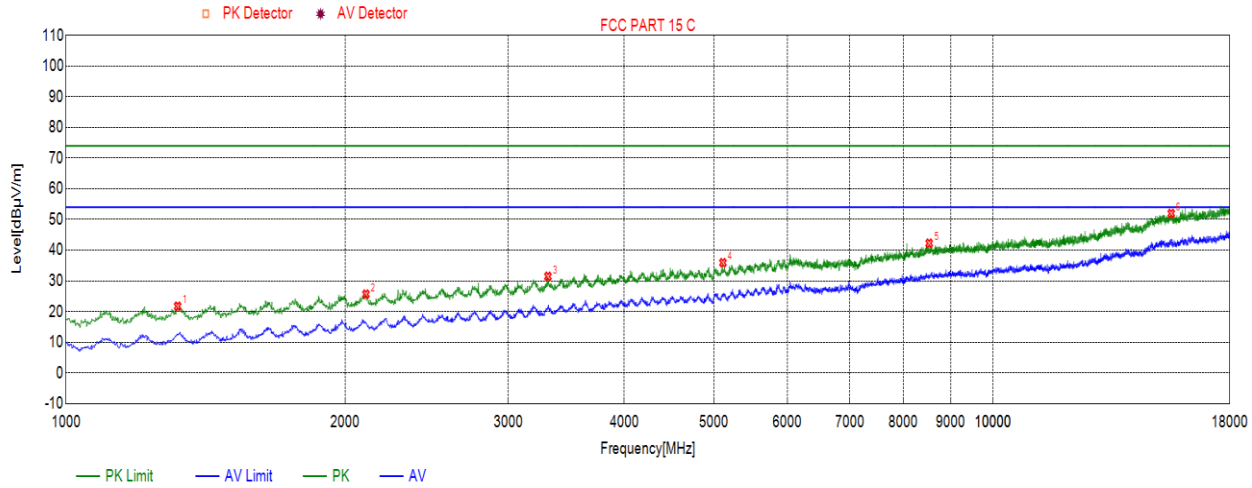
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT40 | LCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1323.0323 | 21.14 | 74.00 | -52.86 | peak |
| 2 | 2096.6097 | 26.63 | 74.00 | -47.37 | peak |
| 3 | 2763.0763 | 30.11 | 74.00 | -43.89 | peak |
| 4 | 4182.7183 | 34.04 | 74.00 | -39.96 | peak |
| 5 | 7001.6002 | 37.86 | 74.00 | -36.14 | peak |
| 6 | 14897.1897 | 51.86 | 74.00 | -22.14 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2, find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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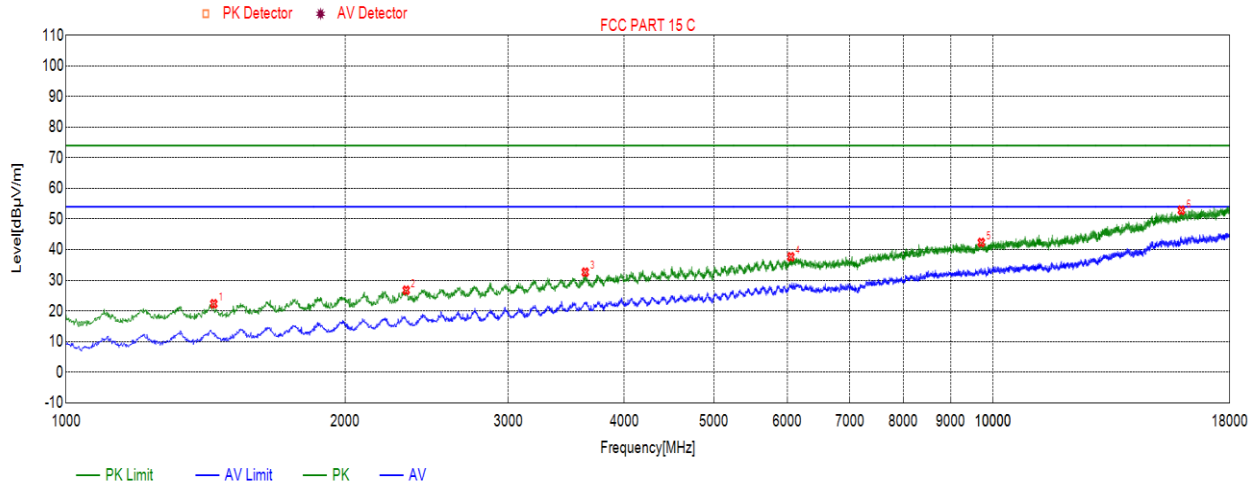
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11a c HT40 | HCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1443.7444 | 22.33 | 74.00 | -51.67 | peak |
| 2 | 2327.8328 | 26.75 | 74.00 | -47.25 | peak |
| 3 | 3631.8632 | 32.64 | 74.00 | -41.36 | peak |
| 4 | 6052.9053 | 37.66 | 74.00 | -36.34 | peak |
| 5 | 9711.6712 | 42.36 | 74.00 | -31.64 | peak |
| 6 | 15961.4962 | 52.87 | 74.00 | -21.13 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2, find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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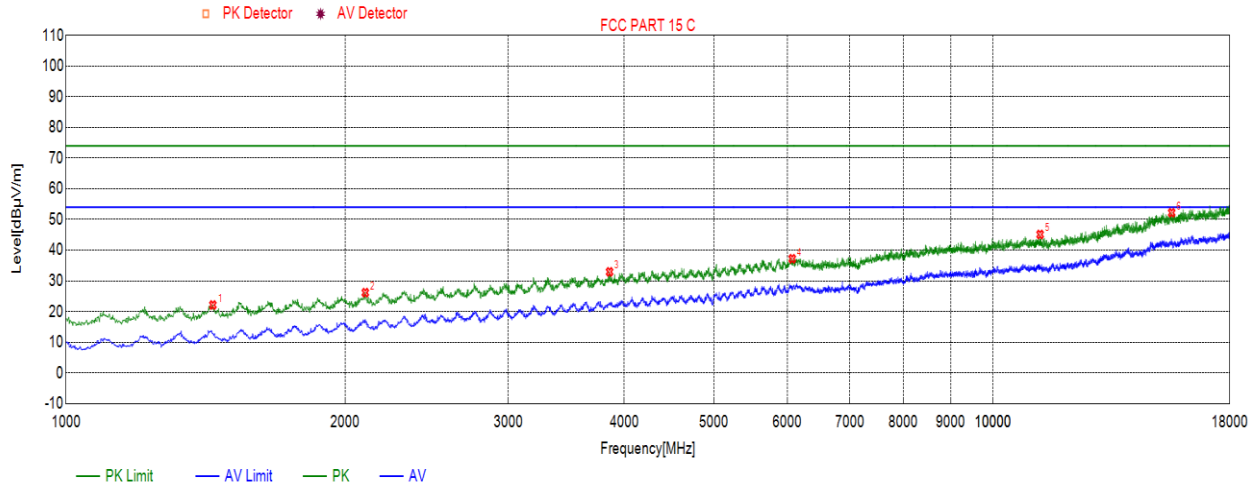
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT40 | HCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1765.0755 | 24.58 | 74.00 | -49.42 | peak |
| 2 | 3087.8088 | 29.59 | 74.00 | -44.41 | peak |
| 3 | 4203.1203 | 34.62 | 74.00 | -39.38 | peak |
| 4 | 6069.9070 | 37.90 | 74.00 | -36.10 | peak |
| 5 | 9004.4004 | 42.23 | 74.00 | -31.77 | peak |
| 6 | 15976.7977 | 52.82 | 74.00 | -21.18 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2, find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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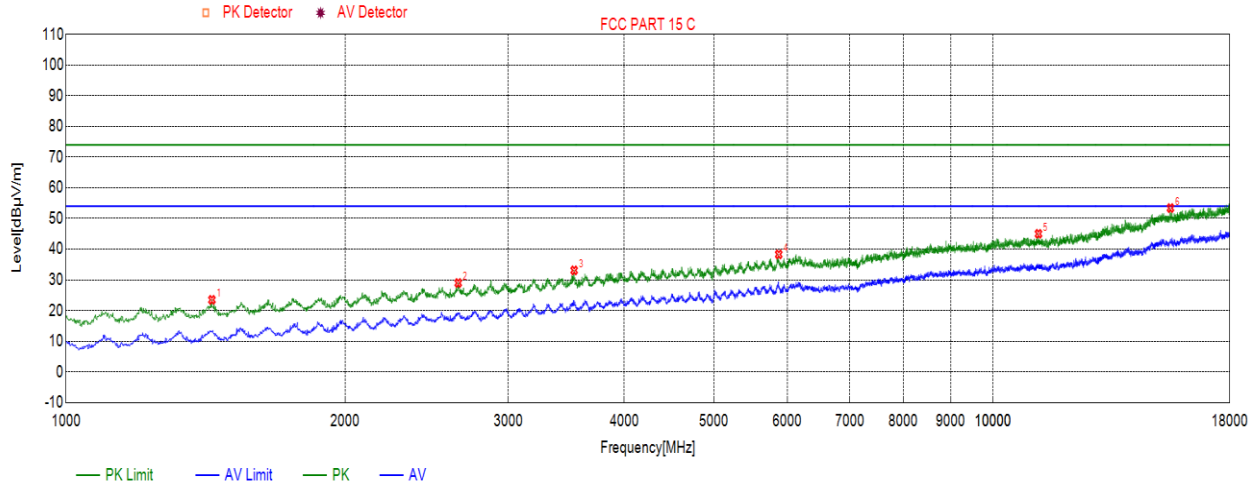
**4. 802.11ac HT80**

**Test Graphs(Worst Case: Antenna 2):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT80 | LCH & MCH & HCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1436.9437 | 23.49 | 74.00 | -50.51 | peak |
| 2 | 2649.1649 | 28.98 | 74.00 | -45.02 | peak |
| 3 | 3533.2533 | 33.10 | 74.00 | -40.90 | peak |
| 4 | 5872.6873 | 38.31 | 74.00 | -35.69 | peak |
| 5 | 11194.2194 | 45.02 | 74.00 | -28.98 | peak |
| 6 | 15538.1538 | 53.41 | 74.00 | -20.59 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2 , find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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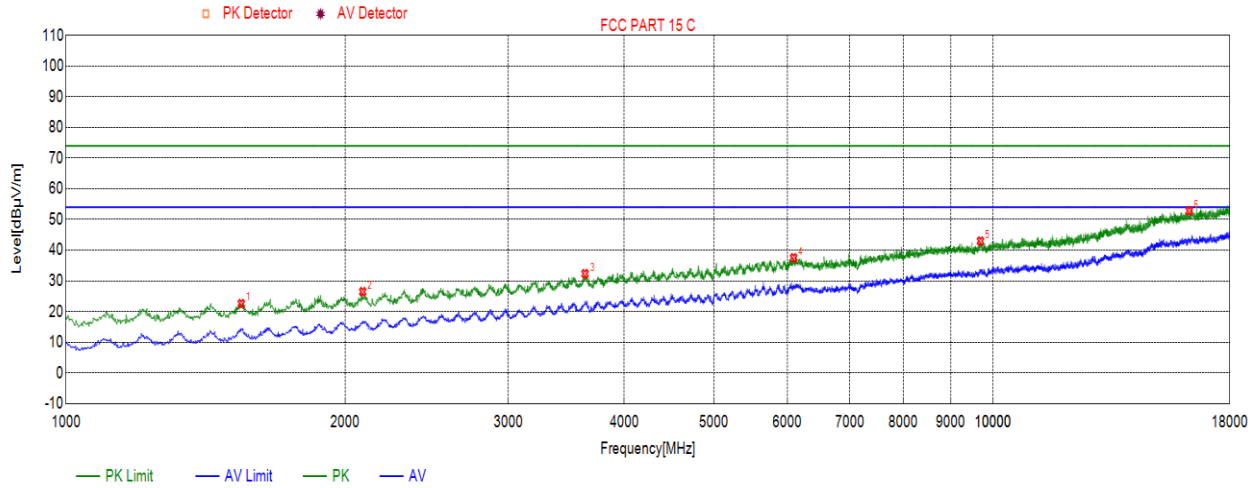
| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT80 | LCH & & MCH & HCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1545.7546 | 22.57 | 74.00 | -51.43 | peak |
| 2 | 2089.8090 | 26.46 | 74.00 | -47.54 | peak |
| 3 | 3630.1630 | 32.33 | 74.00 | -41.67 | peak |
| 4 | 6093.7094 | 37.51 | 74.00 | -36.49 | peak |
| 5 | 9691.2691 | 42.95 | 74.00 | -31.05 | peak |
| 6 | 16274.3274 | 52.81 | 74.00 | -21.19 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna1+antenna 2 , find the antenna 2 which is the worst case, so only the data of the antenna 2 which is shown in this test report.
5. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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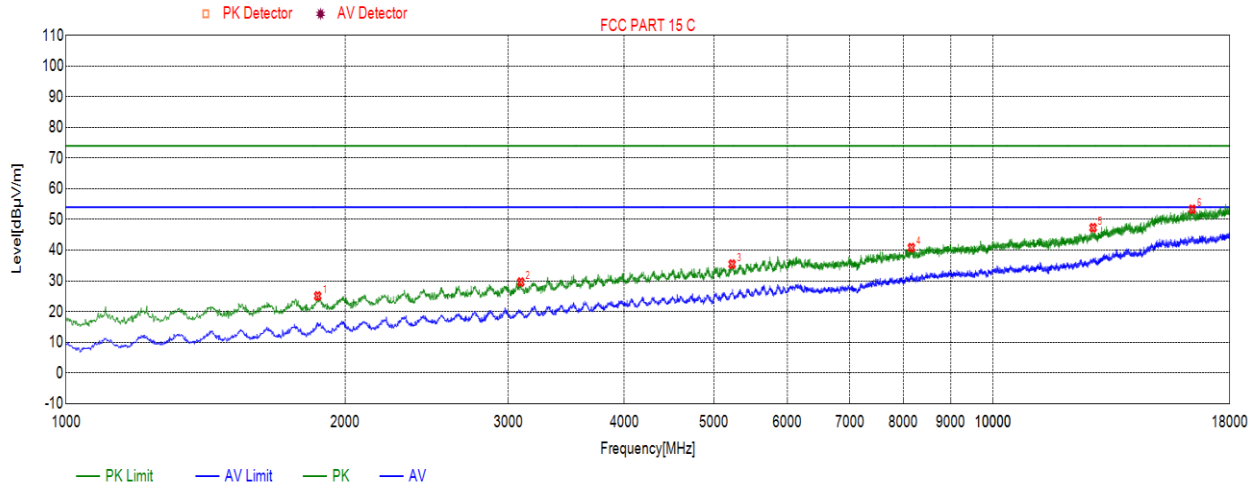
## 6.3.WORST-CASE CO-LOCATION

### 6.3.1. 802.11b MODE CH1 AND 802.11ac HT20 MODE CH36

**SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, HORIZONTAL)**




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1868.7869 | 25.06 | 74.00 | 48.94 | peak |
| 2 | 3094.6095 | 29.60 | 74.00 | 44.40 | peak |
| 3 | 5230.0230 | 35.45 | 74.00 | 38.55 | peak |
| 4 | 8164.5165 | 40.82 | 74.00 | 33.18 | peak |
| 5 | 12819.5820 | 47.31 | 74.00 | 26.69 | peak |
| 6 | 16403.5404 | 53.34 | 74.00 | 20.66 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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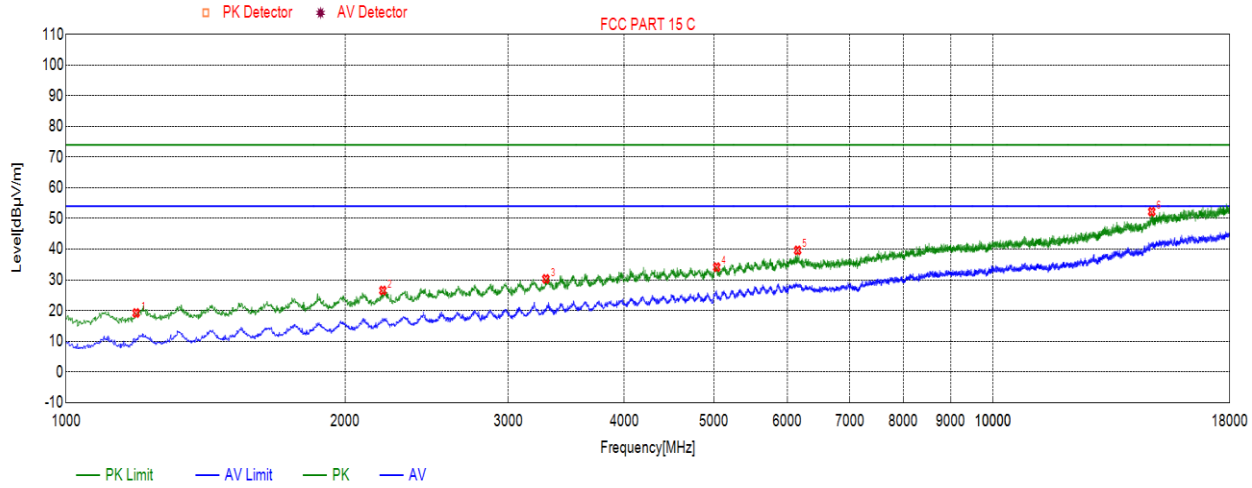
**SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, VERTICAL)**




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 1430.1430 | 21.85 | 74.00 | 52.15 | peak |
| 2 | 2196.9197 | 25.77 | 74.00 | 48.23 | peak |
| 3 | 4019.5020 | 32.76 | 74.00 | 41.24 | peak |
| 4 | 5867.5868 | 38.22 | 74.00 | 35.78 | peak |
| 5 | 10791.2791 | 43.93 | 74.00 | 30.07 | peak |
| 6 | 15276.3276 | 52.51 | 74.00 | 21.49 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 20), so all the test point were deemed to comply with the limits list in the standard.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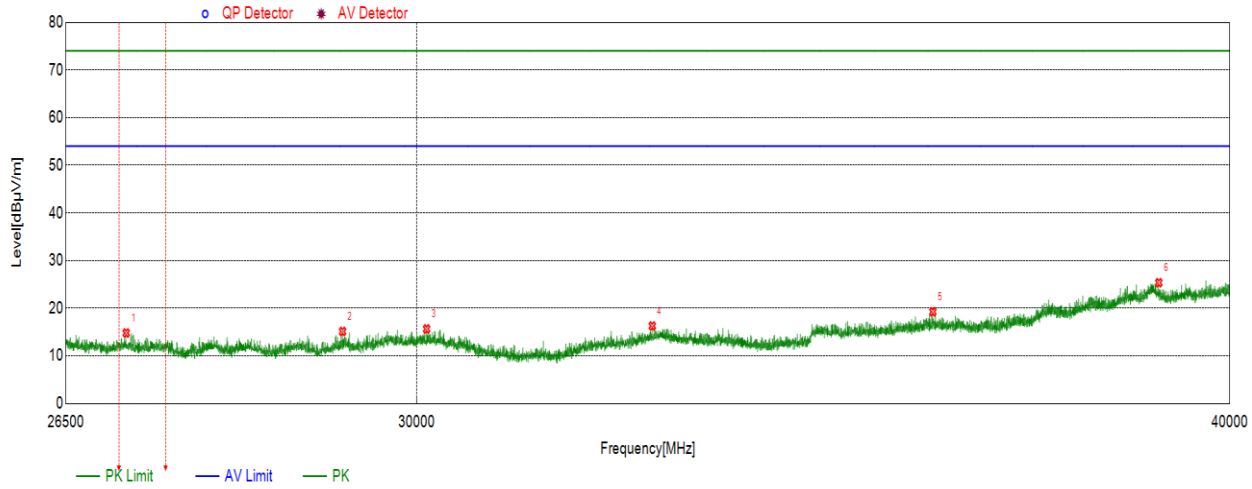
## 6.4.SPURIOUS EMISSIONS 26~40GHz

**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac VHT20 | LCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 27071.1071 | 14.81 | 74.00 | -59.19 | peak |
| 2 | 29224.5725 | 15.13 | 74.00 | -58.87 | peak |
| 3 | 30106.2106 | 15.66 | 74.00 | -58.34 | peak |
| 4 | 32609.3609 | 16.27 | 74.00 | -57.73 | peak |
| 5 | 36011.7012 | 19.26 | 74.00 | -54.74 | peak |
| 6 | 39009.0009 | 25.36 | 74.00 | -48.64 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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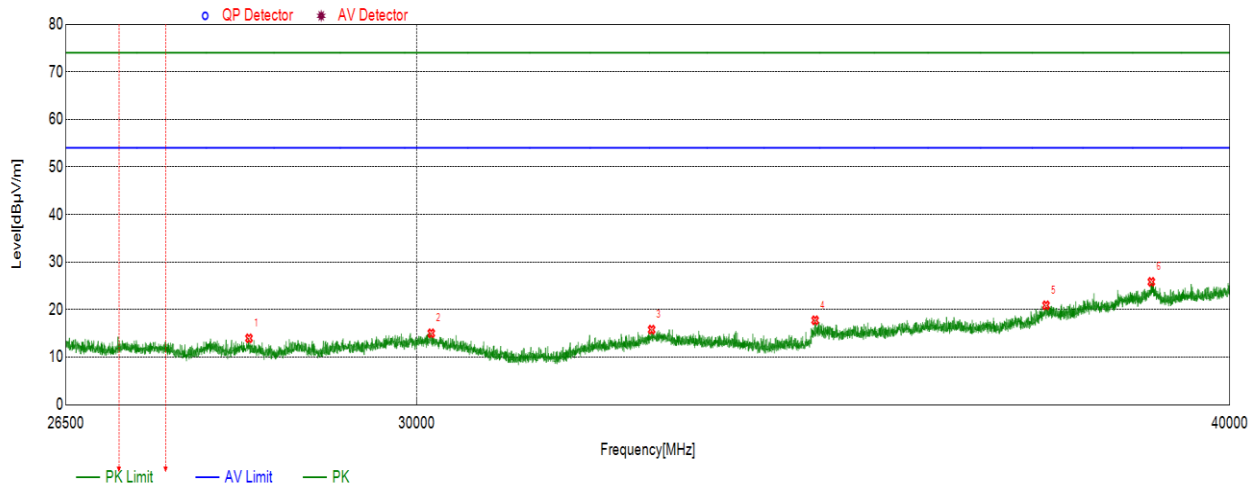
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac VHT20 | LCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 28272.7273 | 13.98 | 74.00 | -60.02 | peak |
| 2 | 30156.1656 | 15.04 | 74.00 | -58.96 | peak |
| 3 | 32601.2601 | 15.79 | 74.00 | -58.21 | peak |
| 4 | 34542.7543 | 17.77 | 74.00 | -56.23 | peak |
| 5 | 37483.3483 | 20.92 | 74.00 | -53.08 | peak |
| 6 | 38906.3906 | 25.85 | 74.00 | -48.15 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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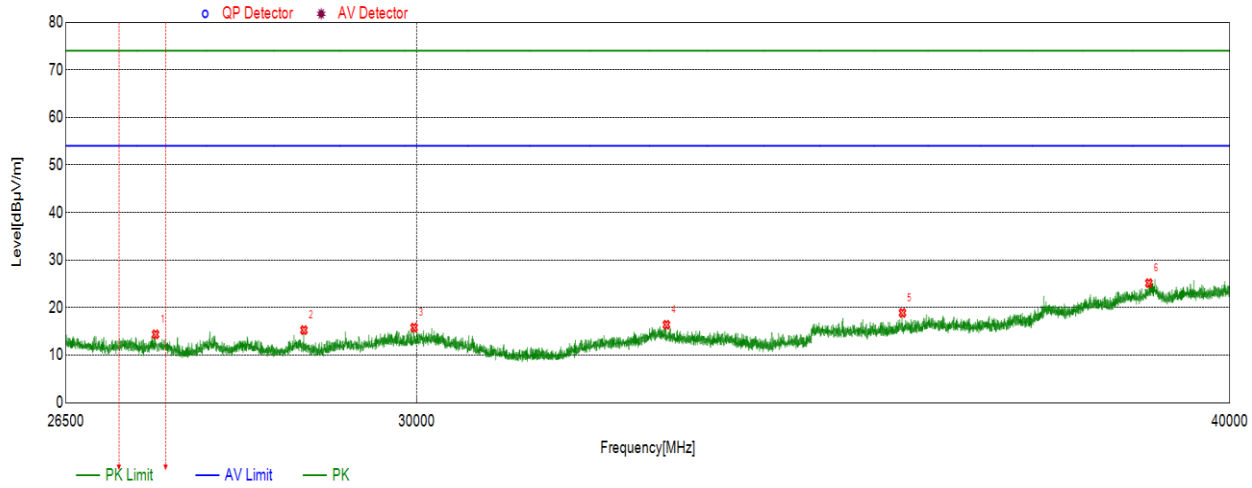
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac VHT20 | MCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 27353.2853 | 14.38 | 74.00 | -59.62 | peak |
| 2 | 28827.6328 | 15.28 | 74.00 | -58.72 | peak |
| 3 | 29973.8974 | 15.81 | 74.00 | -58.19 | peak |
| 4 | 32772.7273 | 16.40 | 74.00 | -57.60 | peak |
| 5 | 35626.9127 | 18.90 | 74.00 | -55.10 | peak |
| 6 | 38872.6373 | 25.15 | 74.00 | -48.85 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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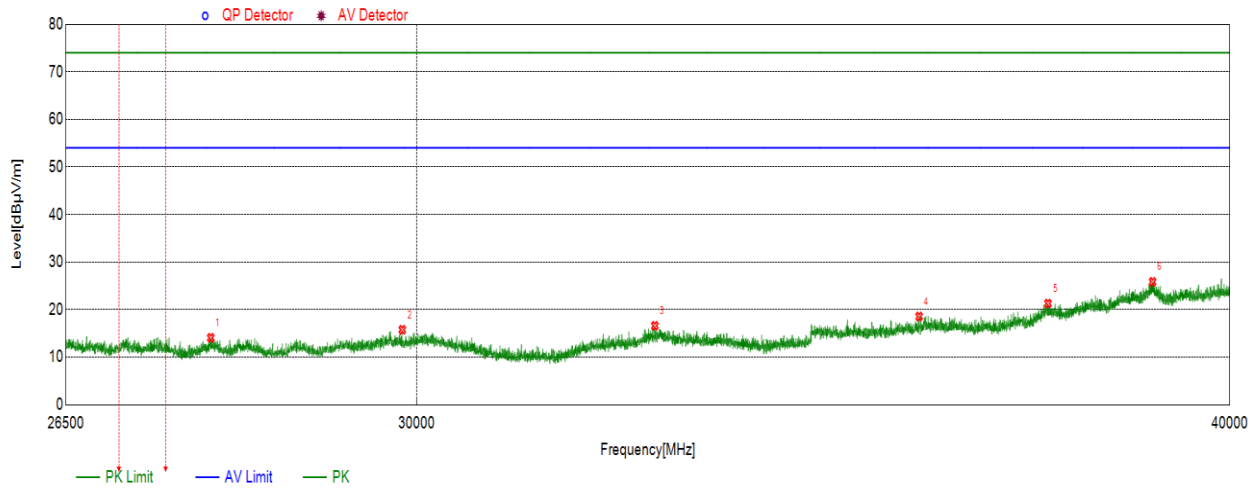
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac VHT20 | MCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 27893.3393 | 14.09 | 74.00 | -59.91 | peak |
| 2 | 29848.3348 | 15.77 | 74.00 | -58.23 | peak |
| 3 | 32639.0639 | 16.61 | 74.00 | -57.39 | peak |
| 4 | 35837.5338 | 18.56 | 74.00 | -55.44 | peak |
| 5 | 37509.0009 | 21.29 | 74.00 | -52.71 | peak |
| 6 | 38922.5923 | 25.85 | 74.00 | -48.15 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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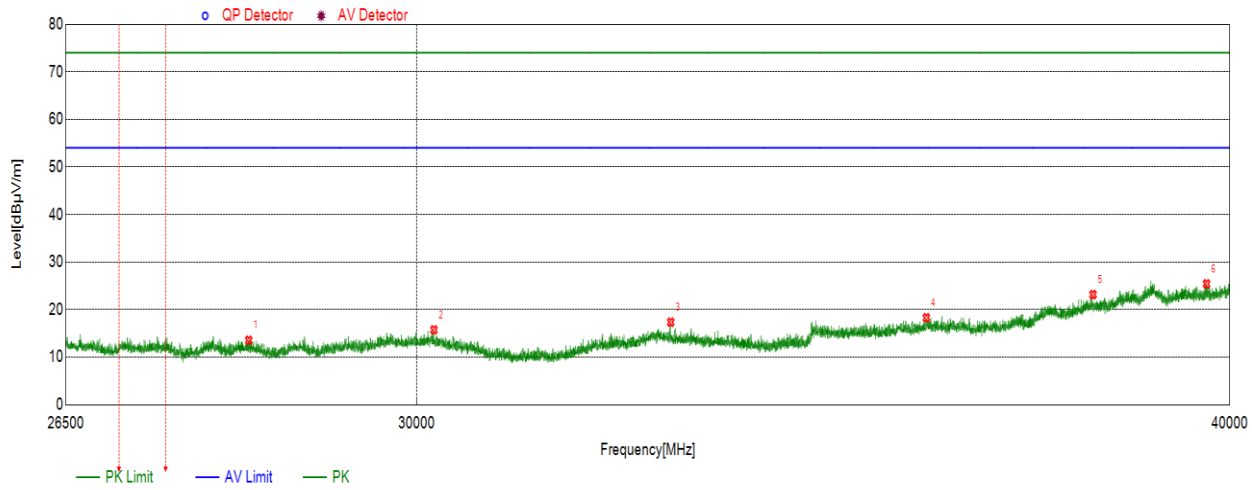
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac VHT20 | HCH | Vertical | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 28270.0270 | 13.55 | 74.00 | -60.45 | peak |
| 2 | 30184.5185 | 15.74 | 74.00 | -58.26 | peak |
| 3 | 32822.6823 | 17.36 | 74.00 | -56.64 | peak |
| 4 | 35929.3429 | 18.30 | 74.00 | -55.70 | peak |
| 5 | 38111.1611 | 23.17 | 74.00 | -50.83 | peak |
| 6 | 39673.2673 | 25.41 | 74.00 | -48.59 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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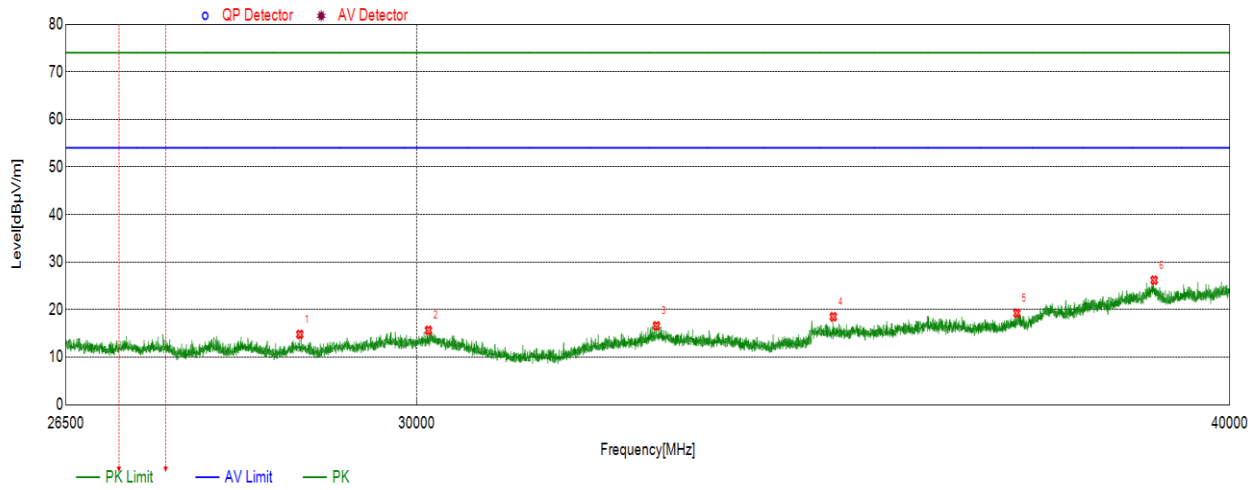
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac VHT20 | HCH | Horizontal | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 28785.7786 | 14.79 | 74.00 | -59.21 | peak |
| 2 | 30126.4626 | 15.65 | 74.00 | -58.35 | peak |
| 3 | 32656.6157 | 16.60 | 74.00 | -57.40 | peak |
| 4 | 34765.5266 | 18.50 | 74.00 | -55.50 | peak |
| 5 | 37098.5599 | 19.25 | 74.00 | -54.75 | peak |
| 6 | 38944.1944 | 26.19 | 74.00 | -47.81 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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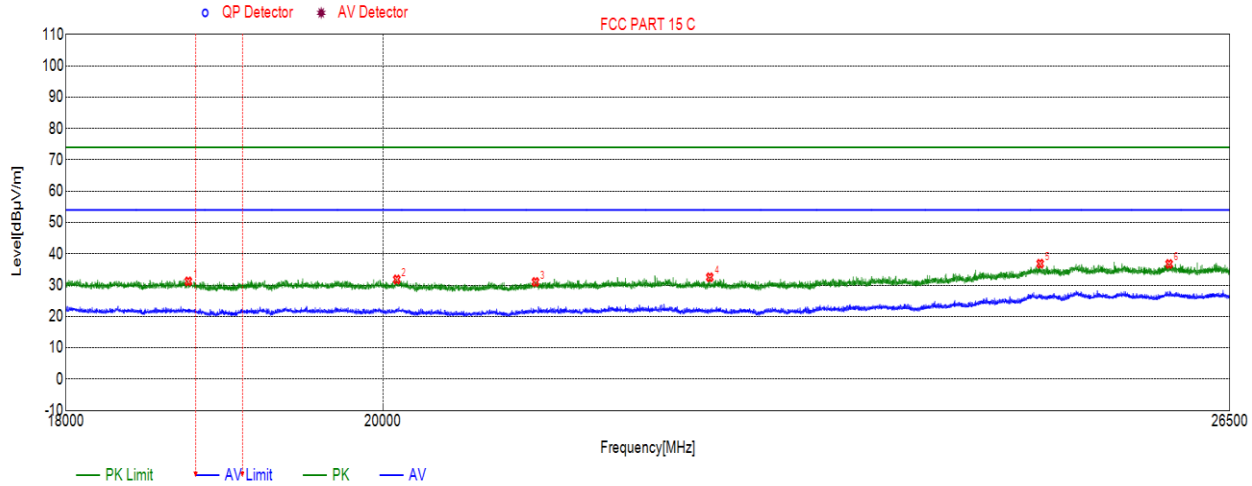
## 6.5.SPURIOUS EMISSIONS 18~26GHz

**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac VHT20 | LCH | Horizontal | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Limit (Ave) | Margin (Ave) | Remark |
|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV /m) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | |
| 1 | 18747.2247 | 31.22 | 74.00 | -42.78 | 54.00 | -22.78 | peak |
| 2 | 20092.0592 | 31.82 | 74.00 | -42.18 | 54.00 | -22.18 | peak |
| 3 | 21039.9040 | 31.01 | 74.00 | -42.99 | 54.00 | -22.99 | peak |
| 4 | 22294.6295 | 32.51 | 74.00 | -41.49 | 54.00 | -21.49 | peak |
| 5 | 24882.2882 | 36.86 | 74.00 | -37.14 | 54.00 | -17.14 | peak |
| 6 | 25972.0972 | 36.76 | 74.00 | -37.24 | 54.00 | -17.24 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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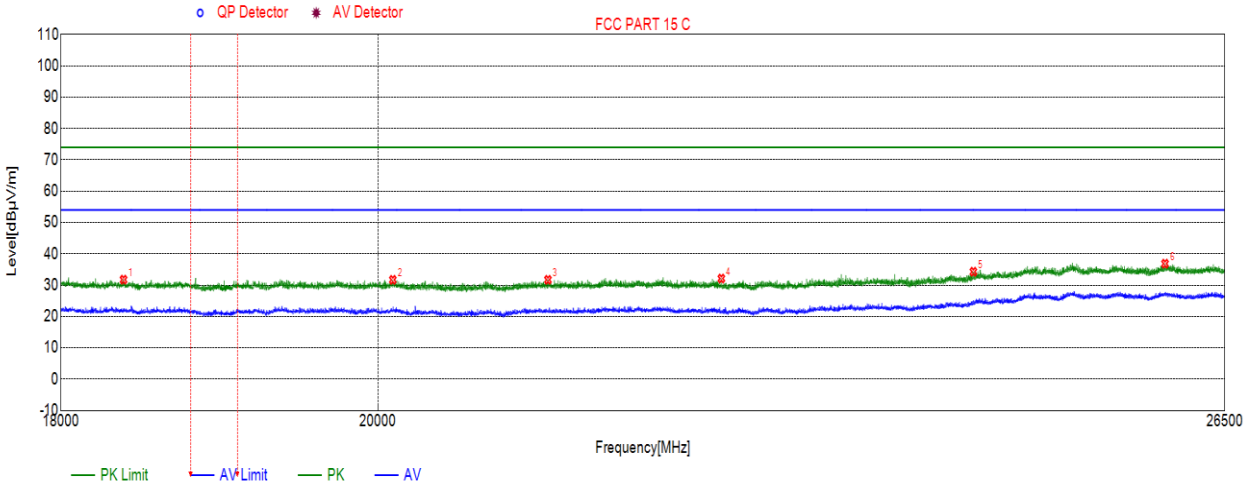
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | Vertical | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Limit (Ave) | Margin (Ave) | Remark |
|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV /m) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | |
| 1 | 18378.2878 | 31.76 | 74.00 | -42.24 | 54.00 | -22.24 | peak |
| 2 | 20098.8599 | 31.70 | 74.00 | -42.30 | 54.00 | -22.30 | peak |
| 3 | 21162.3162 | 31.71 | 74.00 | -42.29 | 54.00 | -22.29 | peak |
| 4 | 22417.8918 | 32.12 | 74.00 | -41.88 | 54.00 | -21.88 | peak |
| 5 | 24376.4876 | 34.29 | 74.00 | -39.71 | 54.00 | -19.71 | peak |
| 6 | 25979.7480 | 36.86 | 74.00 | -37.14 | 54.00 | -17.14 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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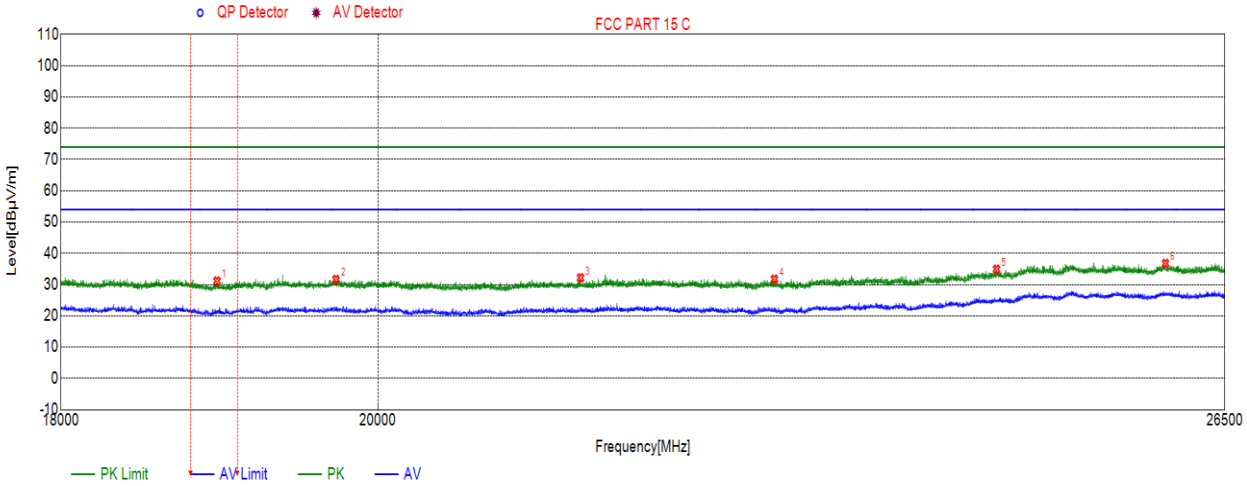
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | MCH | Horizontal | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Limit (Ave) | Margin (Ave) | Remark |
|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV /m) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | |
| 1 | 18958.0458 | 31.13 | 74.00 | -42.87 | 54.00 | -22.78 | peak |
| 2 | 19723.1223 | 31.62 | 74.00 | -42.38 | 54.00 | -22.18 | peak |
| 3 | 21392.6893 | 32.15 | 74.00 | -41.85 | 54.00 | -22.99 | peak |
| 4 | 22816.5817 | 31.71 | 74.00 | -42.29 | 54.00 | -21.49 | peak |
| 5 | 24564.3564 | 34.90 | 74.00 | -39.10 | 54.00 | -17.14 | peak |
| 6 | 25983.9984 | 36.74 | 74.00 | -37.26 | 54.00 | -17.24 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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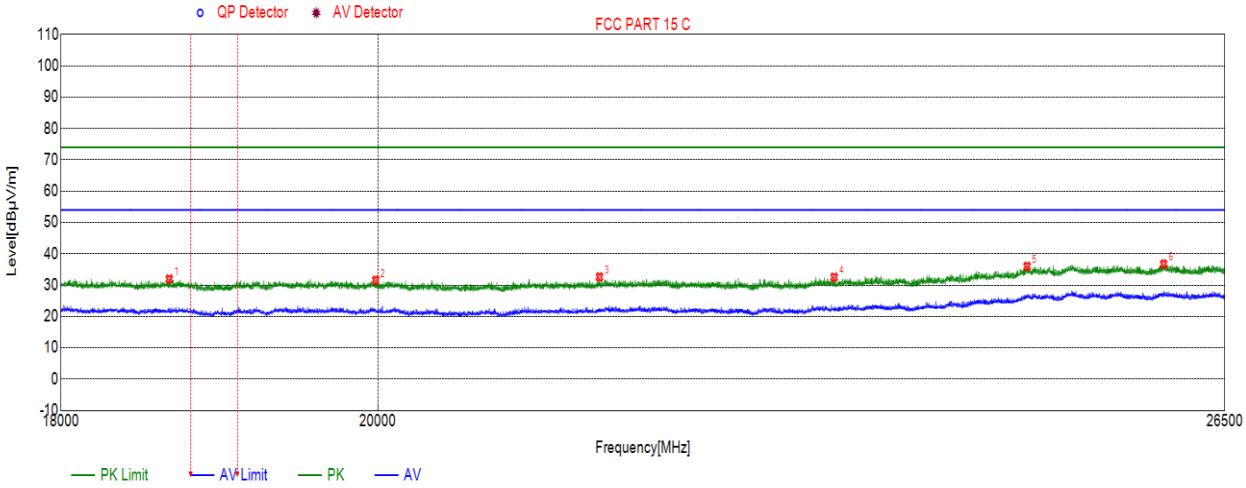
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | MCH | Vertical | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Limit (Ave) | Margin (Ave) | Remark |
|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV /m) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | |
| 1 | 18659.6660 | 31.94 | 74.00 | -42.06 | 54.00 | -22.24 | peak |
| 2 | 19984.9485 | 31.55 | 74.00 | -42.45 | 54.00 | -22.30 | peak |
| 3 | 21527.8528 | 32.60 | 74.00 | -41.40 | 54.00 | -22.29 | peak |
| 4 | 23273.9274 | 32.51 | 74.00 | -41.49 | 54.00 | -21.88 | peak |
| 5 | 24815.1315 | 35.98 | 74.00 | -38.02 | 54.00 | -19.71 | peak |
| 6 | 25967.8468 | 36.72 | 74.00 | -37.28 | 54.00 | -17.14 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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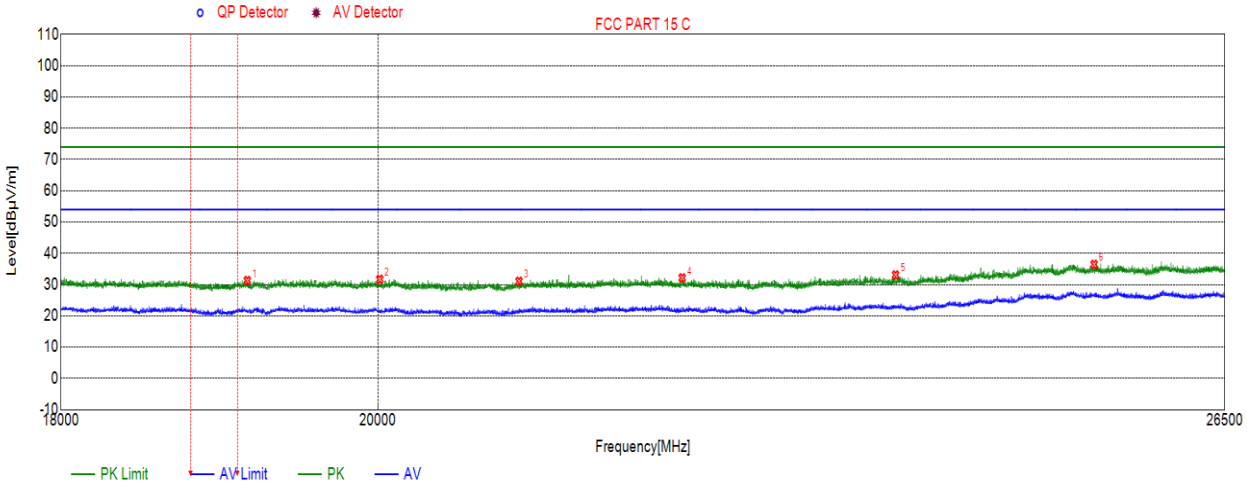
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | HCH | Horizontal | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Limit (Ave) | Margin (Ave) | Remark |
|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV /m) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | |
| 1 | 19150.1650 | 31.29 | 74.00 | -42.71 | 54.00 | -22.78 | peak |
| 2 | 20012.1512 | 31.67 | 74.00 | -42.33 | 54.00 | -22.18 | peak |
| 3 | 20959.9960 | 31.05 | 74.00 | -42.95 | 54.00 | -22.99 | peak |
| 4 | 22128.0128 | 32.14 | 74.00 | -41.86 | 54.00 | -21.49 | peak |
| 5 | 23754.2254 | 33.07 | 74.00 | -40.93 | 54.00 | -17.14 | peak |
| 6 | 25374.4874 | 36.45 | 74.00 | -37.55 | 54.00 | -17.24 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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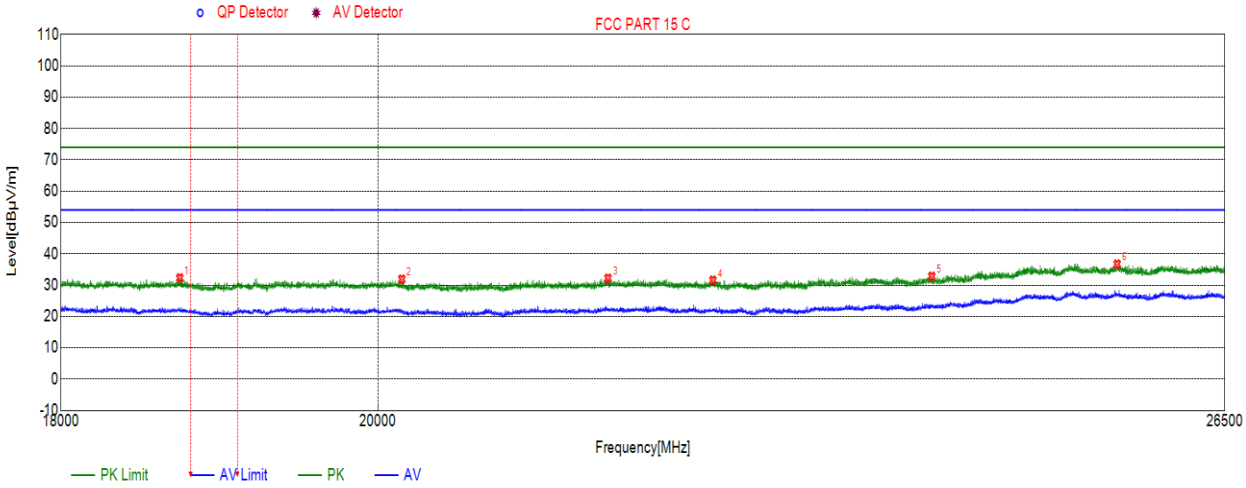
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | HCH | Vertical | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Limit (Ave) | Margin (Ave) | Remark |
|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV /m) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | |
| 1 | 18725.1225 | 32.29 | 74.00 | -41.71 | 54.00 | -22.24 | peak |
| 2 | 20159.2159 | 31.91 | 74.00 | -42.09 | 54.00 | -22.30 | peak |
| 3 | 21589.0589 | 32.18 | 74.00 | -41.82 | 54.00 | -22.29 | peak |
| 4 | 22354.9855 | 31.56 | 74.00 | -42.44 | 54.00 | -21.88 | peak |
| 5 | 24041.5542 | 32.82 | 74.00 | -41.18 | 54.00 | -19.71 | peak |
| 6 | 25569.1569 | 36.71 | 74.00 | -37.29 | 54.00 | -17.14 | peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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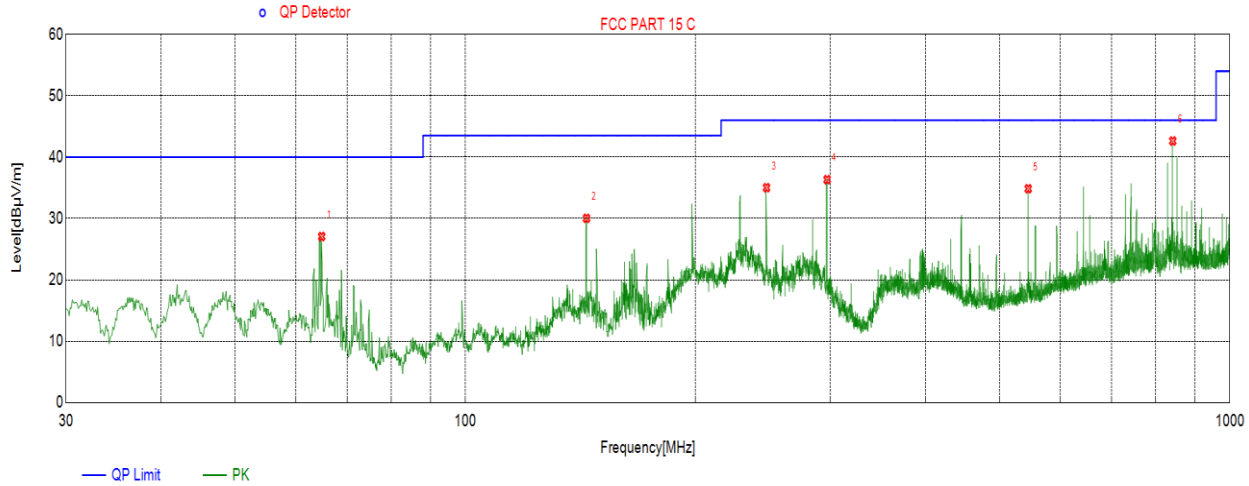
## 6.6.SPURIOUS EMISSIONS 30M ~ 1 GHz

**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | Horizontal | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Remark |
|---|---|---|---|---|---|
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 64.8265 | 27.06 | 40.00 | -12.94 | QP |
| 2 | 143.9864 | 30.03 | 43.50 | -13.47 | QP |
| 3 | 247.6898 | 35.02 | 46.00 | -10.98 | QP |
| 4 | 297.2617 | 36.34 | 46.00 | -9.66 | QP |
| 5 | 544.9275 | 34.85 | 46.00 | -11.15 | QP |
| 6 | 842.3592 | 42.63 | 46.00 | -3.37 | QP |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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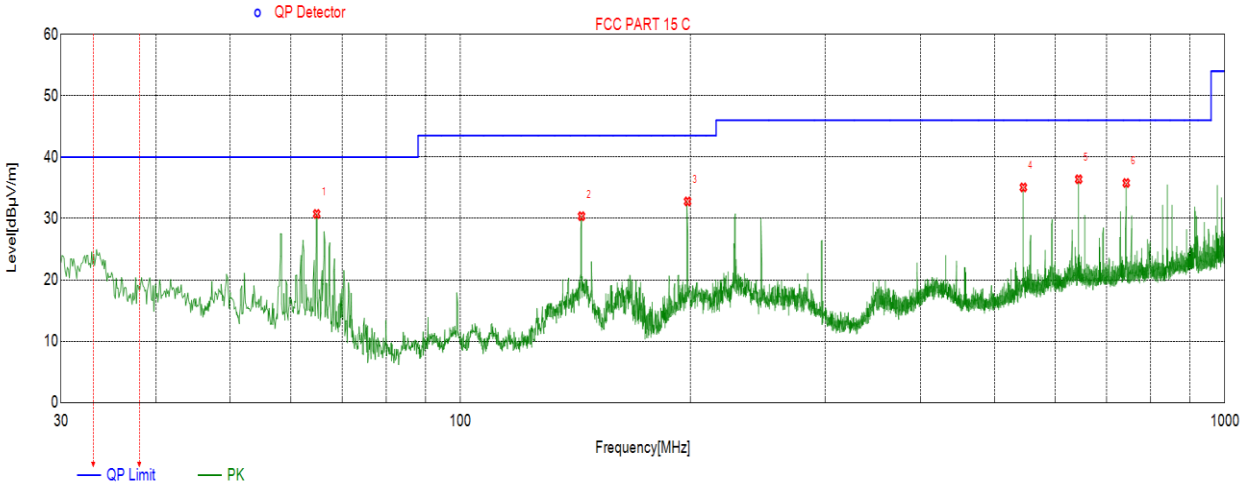
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | Vertical | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Remark |
|---|---|---|---|---|---|
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 64.8265 | 30.75 | 40.00 | -9.25 | QP |
| 2 | 143.9864 | 30.38 | 43.50 | -13.12 | QP |
| 3 | 198.2148 | 32.78 | 43.50 | -10.72 | QP |
| 4 | 545.1215 | 35.07 | 46.00 | -10.93 | QP |
| 5 | 644.0714 | 36.40 | 46.00 | -9.60 | QP |
| 6 | 743.2153 | 35.79 | 46.00 | -10.21 | QP |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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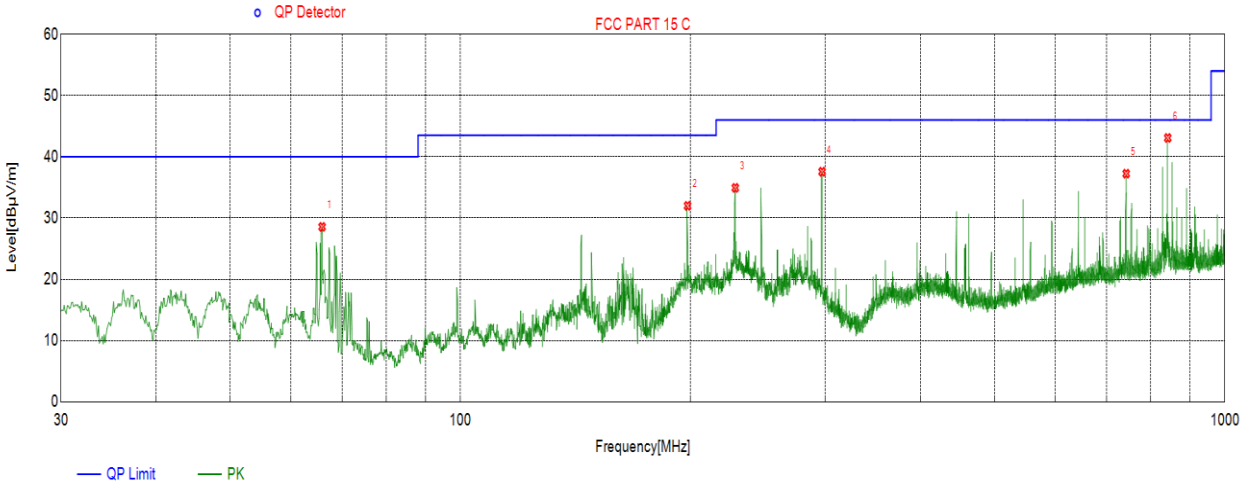
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | MCH | Horizontal | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Remark |
|---|---|---|---|---|---|
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 65.8936 | 28.56 | 40.00 | -11.44 | QP |
| 2 | 198.2148 | 32.00 | 43.50 | -11.50 | QP |
| 3 | 228.8699 | 34.94 | 46.00 | -11.06 | QP |
| 4 | 297.2617 | 37.57 | 46.00 | -8.43 | QP |
| 5 | 743.2153 | 37.25 | 46.00 | -8.75 | QP |
| 6 | 842.3592 | 43.09 | 46.00 | -2.91 | QP |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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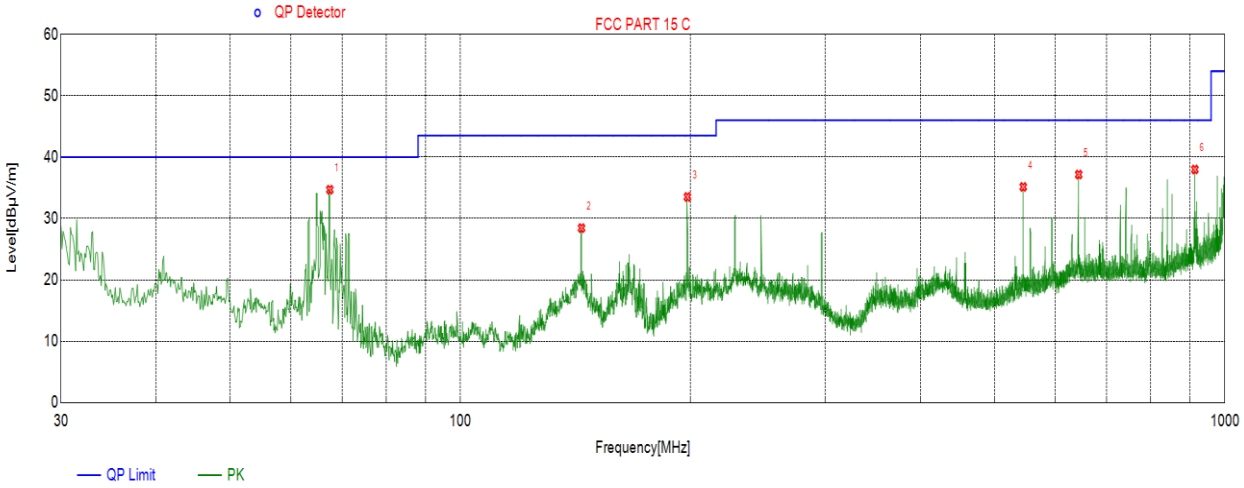
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | Vertical | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Remark |
|---|---|---|---|---|---|
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 64.8265 | 30.75 | 40.00 | -9.25 | QP |
| 2 | 143.9864 | 30.38 | 43.50 | -13.12 | QP |
| 3 | 198.2148 | 32.78 | 43.50 | -10.72 | QP |
| 4 | 545.1215 | 35.07 | 46.00 | -10.93 | QP |
| 5 | 644.0714 | 36.40 | 46.00 | -9.60 | QP |
| 6 | 743.2153 | 35.79 | 46.00 | -10.21 | QP |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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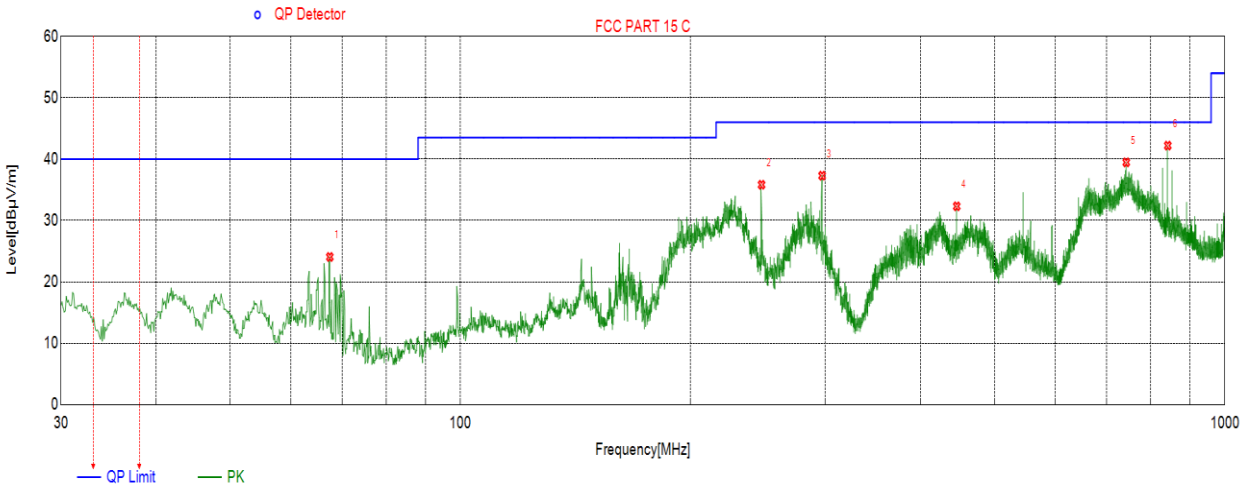
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | HCH | Horizontal | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Remark |
|---|---|---|---|---|---|
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 67.4457 | 24.06 | 40.00 | -15.94 | QP |
| 2 | 247.6898 | 35.83 | 46.00 | -10.17 | QP |
| 3 | 297.2617 | 37.31 | 46.00 | -8.69 | QP |
| 4 | 445.9776 | 32.32 | 46.00 | -13.68 | QP |
| 5 | 743.3123 | 39.48 | 46.00 | -6.52 | QP |
| 6 | 842.4562 | 42.21 | 46.00 | -3.79 | QP |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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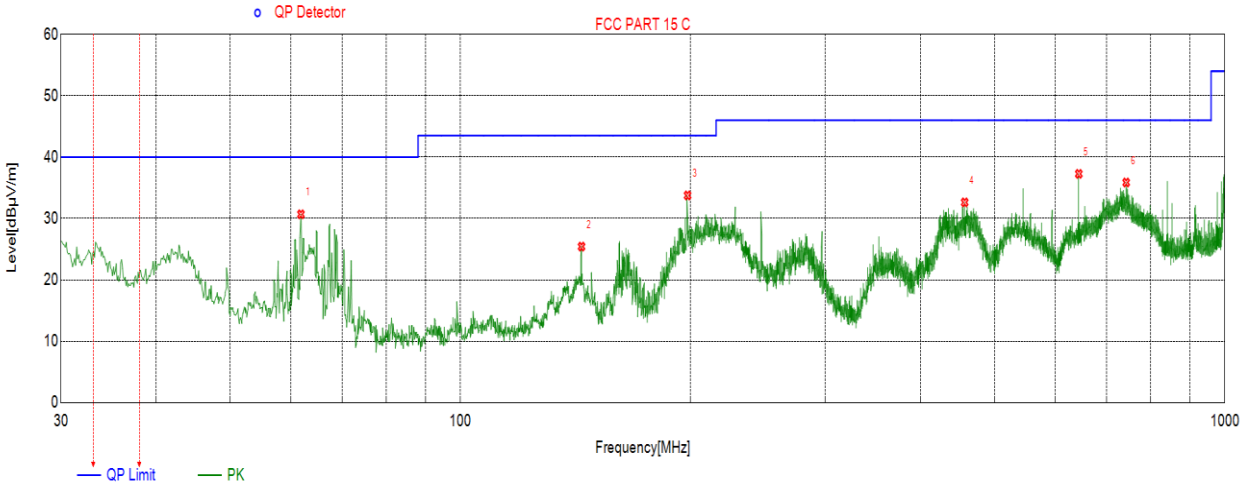
**Test Graphs(Worst Case: Antenna 1+Antenna 2,Band 1):**

| Test Mode | Channel | Polarization | Verdict |
|---|---|---|---|
| 11ac HT20 | HCH | Vertical | PASS |




| No. | Frequency | Result | Limit (Peak) | Margin (Peak) | Remark |
|---|---|---|---|---|---|
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 61.8192 | 30.69 | 40.00 | -9.31 | QP |
| 2 | 143.9864 | 25.42 | 43.50 | -18.08 | QP |
| 3 | 198.2148 | 33.76 | 43.50 | -9.74 | QP |
| 4 | 456.8427 | 32.63 | 46.00 | -13.37 | QP |
| 5 | 644.2654 | 37.28 | 46.00 | -8.72 | QP |
| 6 | 743.1183 | 35.87 | 46.00 | -10.13 | QP |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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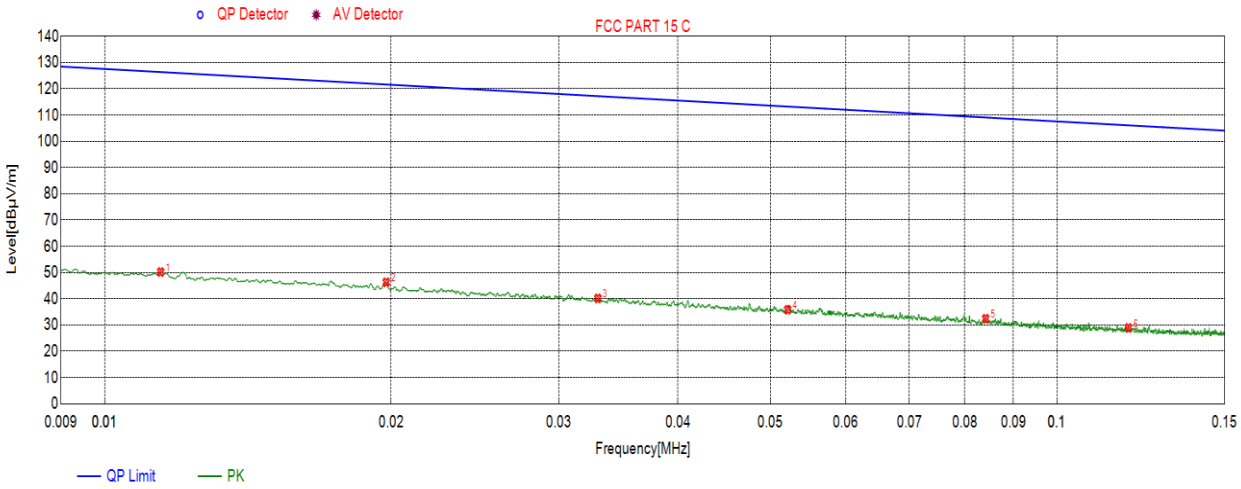
## 6.7.SPURIOUS EMISSIONS BELOW 30M

**SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION, HORIZONTAL)**

| Test Mode | Channel | Frequency Range | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | 9KHz~150KHz | PASS |




| No. | Frequency (KHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 0.0115 | 50.19 | 126.40 | -76.21 | Peak |
| 2 | 0.0198 | 46.30 | 121.67 | -75.37 | Peak |
| 3 | 0.0330 | 40.15 | 117.22 | -77.07 | Peak |
| 4 | 0.0522 | 35.81 | 113.23 | -77.42 | Peak |
| 5 | 0.0842 | 32.41 | 109.09 | -76.68 | Peak |
| 6 | 0.1189 | 28.90 | 106.09 | -77.19 | Peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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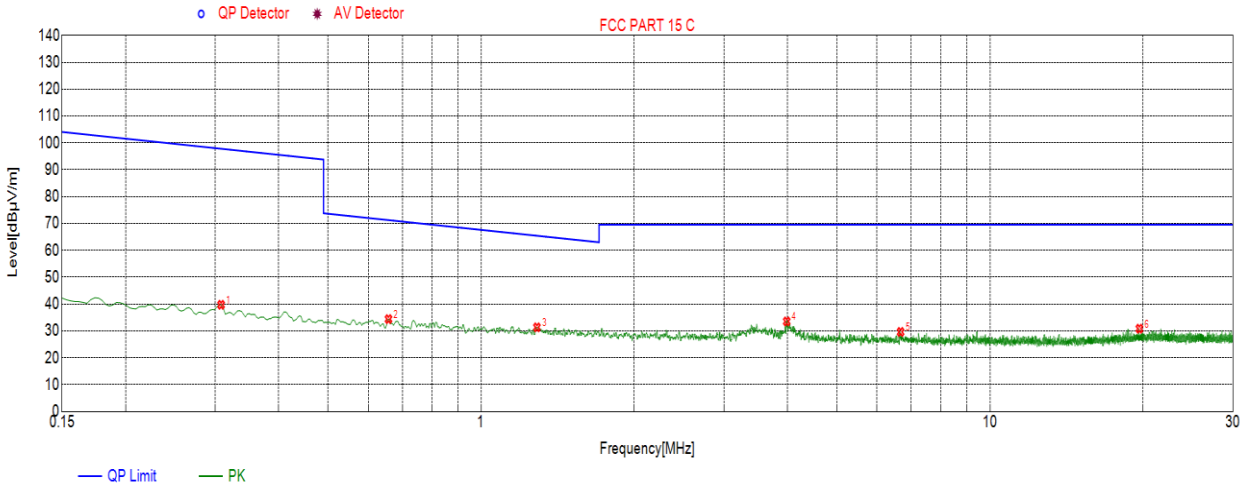
| Test Mode | Channel | Frequency Range | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | 150KHz~30MHz | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 0.3082 | 39.74 | 97.82 | -58.08 | Peak |
| 2 | 0.6575 | 34.41 | 71.25 | -36.84 | Peak |
| 3 | 1.2874 | 31.34 | 65.43 | -34.09 | Peak |
| 4 | 3.9861 | 33.54 | 69.50 | -35.96 | Peak |
| 5 | 6.6729 | 29.63 | 69.50 | -39.87 | Peak |
| 6 | 19.6679 | 30.83 | 69.50 | -38.67 | Peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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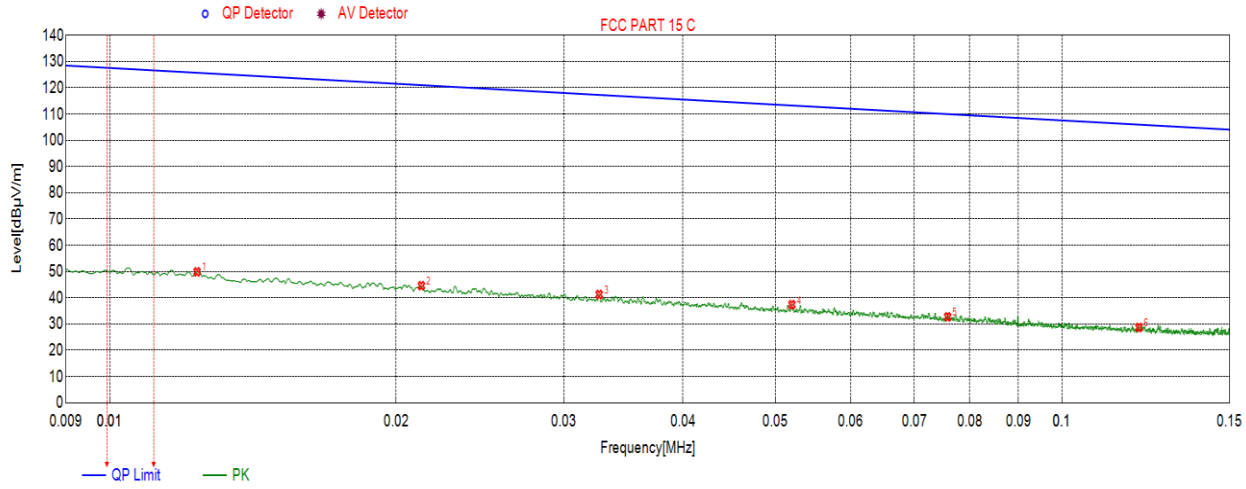
**SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION, VERTICAL)**

| Test Mode | Channel | Frequency Range | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | 9KHz~150KHz | PASS |




| No. | Frequency (KHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 0.0124 | 49.88 | 125.72 | -75.84 | Peak |
| 2 | 0.0213 | 44.62 | 121.04 | -76.42 | Peak |
| 3 | 0.0327 | 41.26 | 117.31 | -76.05 | Peak |
| 4 | 0.0521 | 37.38 | 113.26 | -75.88 | Peak |
| 5 | 0.0759 | 32.73 | 109.99 | -77.26 | Peak |
| 6 | 0.1205 | 28.69 | 105.98 | -77.29 | Peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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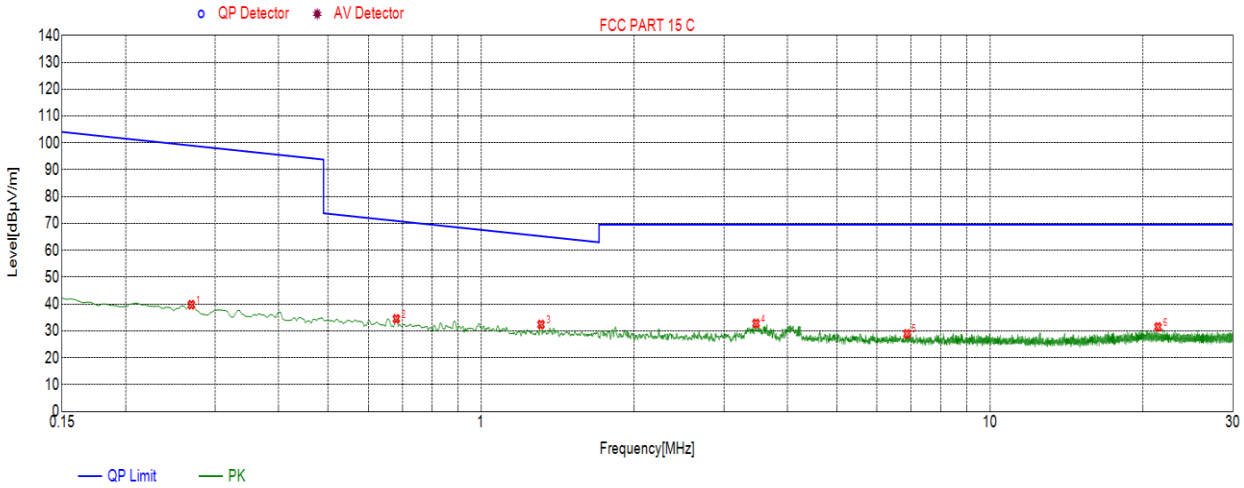
| Test Mode | Channel | Frequency Range | Verdict |
|---|---|---|---|
| 11ac HT20 | LCH | 150KHz~30MHz | PASS |




| No. | Frequency (MHz) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|
| 1 | 0.2694 | 39.76 | 98.99 | -59.23 | Peak |
| 2 | 0.6814 | 34.48 | 70.94 | -36.46 | Peak |
| 3 | 1.3113 | 32.37 | 65.27 | -32.90 | Peak |
| 4 | 3.4697 | 32.78 | 69.50 | -36.72 | Peak |
| 5 | 6.8699 | 28.89 | 69.50 | -40.61 | Peak |
| 6 | 21.3904 | 31.45 | 69.50 | -38.05 | Peak |

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Peak: Peak detector.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Through pre-testing the antenna 1 and antenna 2 and antenna 1+antenna 2, find the antenna1+antenna 2 which is the worst case, so only the data of the antenna 1+antenna 2 which is shown in this test report.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# 7. ANTENNA REQUIREMENTS

**APPLICABLE REQUIREMENTS**

Please refer to FCC §15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)
The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

**ANTENNA CONNECTOR**

EUT has an external antenna with antenna connector, it will be installed in a specific environment and users cannot change the antenna.

**ANTENNA GAIN**

The antenna gain of EUT is less than 6 dBi.

## END OF REPORT


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