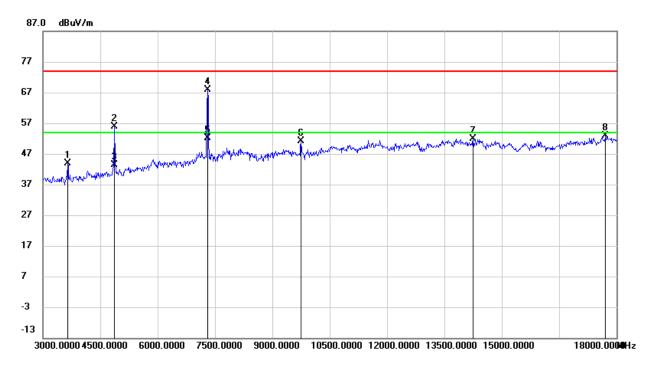


HARMONICS AND SPURIOUS EMISSIONS (CH6, VERTICAL)

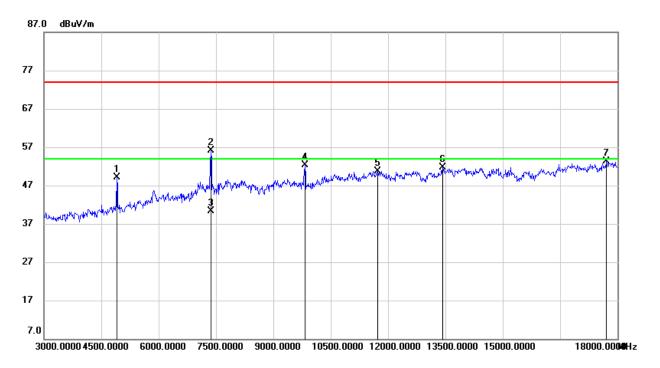


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 3645.000 | 46.88 | -3.09 | 43.79 | 74.00 | -30.21 | peak |
| 2 | 4876.019 | 55.81 | 0.10 | 55.91 | 74.00 | -18.09 | peak |
| 3 | 4876.019 | 43.17 | 0.10 | 43.27 | 54.00 | -10.73 | AVG |
| 4 | 7312.722 | 60.61 | 7.39 | 68.00 | 74.00 | -6.00 | peak |
| 5 | 7312.772 | 44.81 | 7.39 | 52.20 | 54.00 | -1.80 | AVG |
| 6 | 9750.000 | 40.51 | 10.60 | 51.11 | 74.00 | -22.89 | peak |
| 7 | 14250.000 | 35.11 | 16.73 | 51.84 | 74.00 | -22.16 | peak |
| 8 | 17715.000 | 30.15 | 22.65 | 52.80 | 74.00 | -21.20 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. AVG: VBW=1/Ton where: ton is transmit duration.
- 5. For transmit duration, please refer to clause 7.1.
- 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, HORIZONTAL)

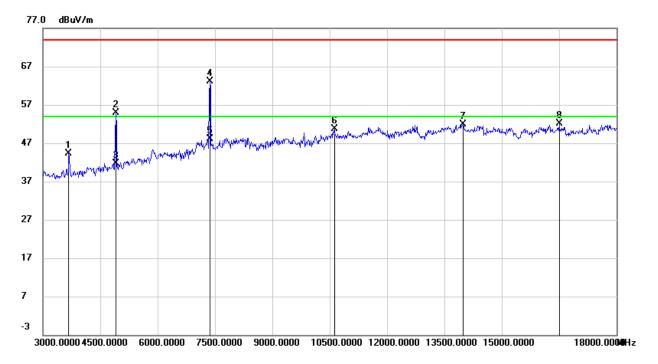


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4905.000 | 48.97 | 0.19 | 49.16 | 74.00 | -24.84 | peak |
| 2 | 7373.411 | 48.45 | 7.67 | 56.12 | 74.00 | -17.88 | peak |
| 3 | 7373.411 | 32.67 | 7.67 | 40.34 | 54.00 | -13.66 | AVG |
| 4 | 9825.000 | 41.56 | 10.71 | 52.27 | 74.00 | -21.73 | peak |
| 5 | 11730.000 | 36.58 | 14.13 | 50.71 | 74.00 | -23.29 | peak |
| 6 | 13425.000 | 35.46 | 16.31 | 51.77 | 74.00 | -22.23 | peak |
| 7 | 17715.000 | 30.60 | 22.65 | 53.25 | 74.00 | -20.75 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. AVG: VBW=1/Ton where: ton is transmit duration.
- 5. For transmit duration, please refer to clause 7.1.
- 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, VERTICAL)

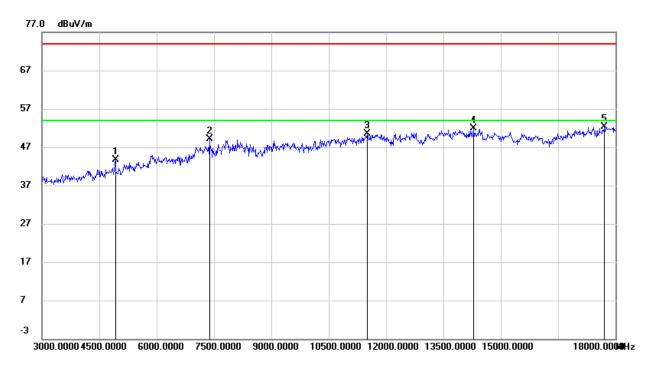


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 3675.000 | 47.07 | -2.85 | 44.22 | 74.00 | -29.78 | peak |
| 2 | 4911.653 | 54.68 | 0.23 | 54.91 | 74.00 | -19.09 | peak |
| 3 | 4911.653 | 41.55 | 0.23 | 41.78 | 54.00 | -12.22 | AVG |
| 4 | 7372.532 | 55.43 | 7.67 | 63.10 | 74.00 | -10.90 | peak |
| 5 | 7372.532 | 40.51 | 7.67 | 48.18 | 54.00 | -5.82 | AVG |
| 6 | 10620.000 | 37.83 | 12.83 | 50.66 | 74.00 | -23.34 | peak |
| 7 | 13995.000 | 35.17 | 16.64 | 51.81 | 74.00 | -22.19 | peak |
| 8 | 16500.000 | 32.79 | 19.37 | 52.16 | 74.00 | -21.84 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. AVG: VBW=1/Ton where: ton is transmit duration.
- 5. For transmit duration, please refer to clause 7.1.
- 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, HORIZONTAL)

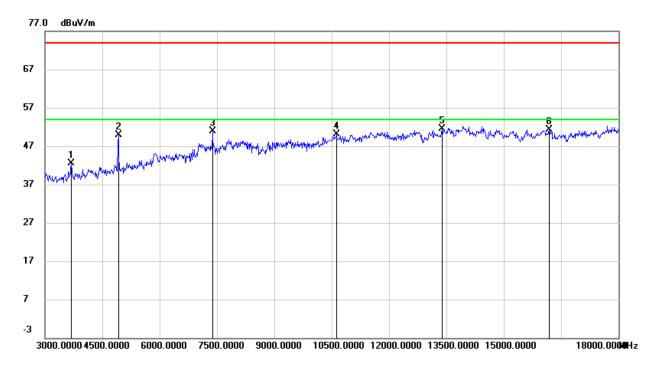


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4920.000 | 43.37 | 0.26 | 43.63 | 74.00 | -30.37 | peak |
| 2 | 7380.000 | 41.40 | 7.71 | 49.11 | 74.00 | -24.89 | peak |
| 3 | 11505.000 | 35.92 | 14.50 | 50.42 | 74.00 | -23.58 | peak |
| 4 | 14295.000 | 35.28 | 16.63 | 51.91 | 74.00 | -22.09 | peak |
| 5 | 17715.000 | 29.58 | 22.65 | 52.23 | 74.00 | -21.77 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 3690.000 | 45.15 | -2.74 | 42.41 | 74.00 | -31.59 | peak |
| 2 | 4920.000 | 49.70 | 0.26 | 49.96 | 74.00 | -24.04 | peak |
| 3 | 7380.000 | 43.29 | 7.71 | 51.00 | 74.00 | -23.00 | peak |
| 4 | 10620.000 | 37.29 | 12.83 | 50.12 | 74.00 | -23.88 | peak |
| 5 | 13395.000 | 35.17 | 16.35 | 51.52 | 74.00 | -22.48 | peak |
| 6 | 16185.000 | 32.94 | 18.46 | 51.40 | 74.00 | -22.60 | peak |

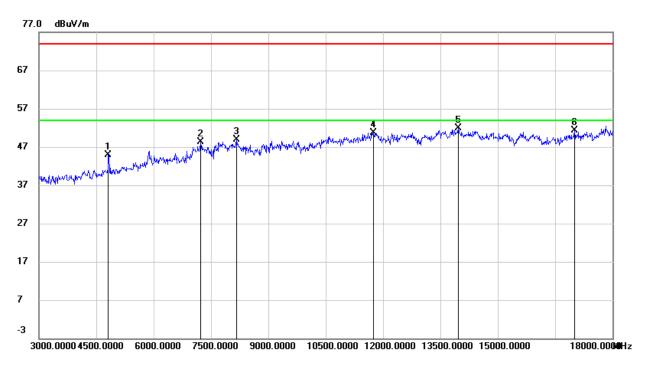
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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8.2.1. 802.11nHT20 MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CH1, HORIZONTAL)

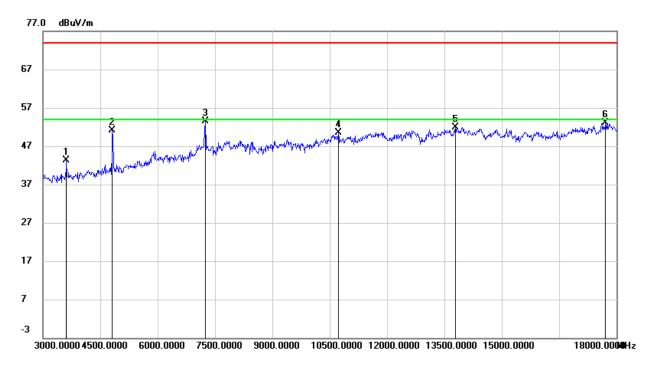


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4815.000 | 45.05 | -0.10 | 44.95 | 74.00 | -29.05 | peak |
| 2 | 7230.000 | 41.22 | 7.13 | 48.35 | 74.00 | -25.65 | peak |
| 3 | 8160.000 | 39.15 | 9.68 | 48.83 | 74.00 | -25.17 | peak |
| 4 | 11745.000 | 36.58 | 14.16 | 50.74 | 74.00 | -23.26 | peak |
| 5 | 13965.000 | 35.20 | 16.68 | 51.88 | 74.00 | -22.12 | peak |
| 6 | 17010.000 | 30.47 | 20.87 | 51.34 | 74.00 | -22.66 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH1, VERTICAL)

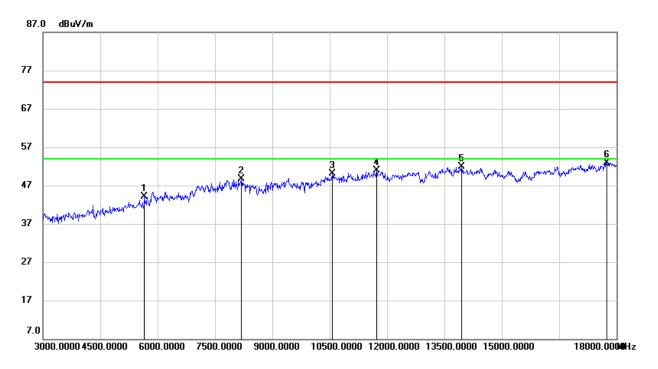


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 3615.000 | 46.61 | -3.33 | 43.28 | 74.00 | -30.72 | peak |
| 2 | 4815.000 | 51.16 | -0.10 | 51.06 | 74.00 | -22.94 | peak |
| 3 | 7245.000 | 46.26 | 7.17 | 53.43 | 74.00 | -20.57 | peak |
| 4 | 10725.000 | 37.86 | 12.61 | 50.47 | 74.00 | -23.53 | peak |
| 5 | 13785.000 | 34.57 | 17.40 | 51.97 | 74.00 | -22.03 | peak |
| 6 | 17715.000 | 30.40 | 22.65 | 53.05 | 74.00 | -20.95 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH2, HORIZONTAL)

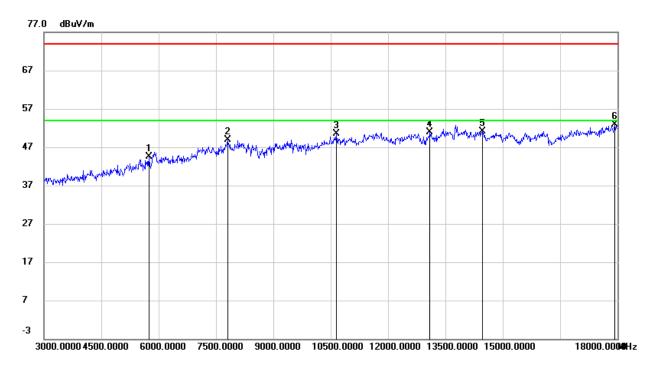


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 5655.000 | 41.12 | 2.92 | 44.04 | 74.00 | -29.96 | peak |
| 2 | 8190.000 | 38.94 | 9.84 | 48.78 | 74.00 | -25.22 | peak |
| 3 | 10560.000 | 37.42 | 12.67 | 50.09 | 74.00 | -23.91 | peak |
| 4 | 11730.000 | 36.86 | 14.13 | 50.99 | 74.00 | -23.01 | peak |
| 5 | 13950.000 | 35.17 | 16.69 | 51.86 | 74.00 | -22.14 | peak |
| 6 | 17745.000 | 30.09 | 22.89 | 52.98 | 74.00 | -21.02 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH2, VERTICAL)

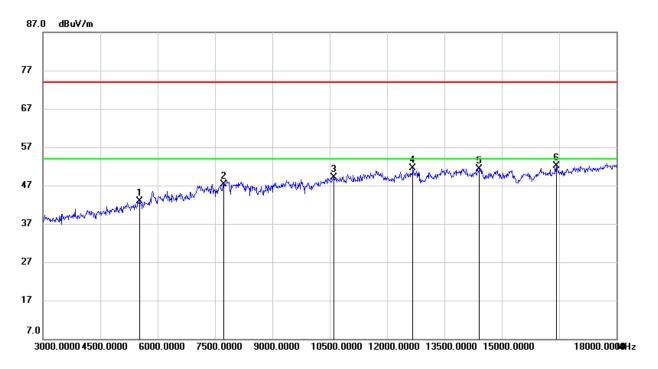


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 5745.000 | 41.40 | 3.20 | 44.60 | 74.00 | -29.40 | peak |
| 2 | 7800.000 | 39.40 | 9.41 | 48.81 | 74.00 | -25.19 | peak |
| 3 | 10650.000 | 37.82 | 12.76 | 50.58 | 74.00 | -23.42 | peak |
| 4 | 13095.000 | 35.69 | 15.29 | 50.98 | 74.00 | -23.02 | peak |
| 5 | 14460.000 | 34.55 | 16.65 | 51.20 | 74.00 | -22.80 | peak |
| 6 | 17925.000 | 29.62 | 23.34 | 52.96 | 74.00 | -21.04 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, HORIZONTAL)

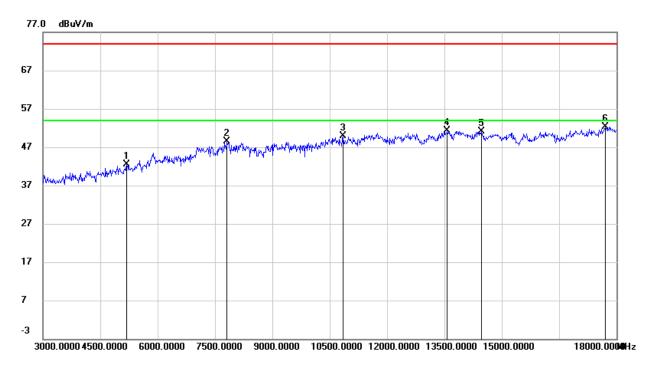


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 5520.000 | 39.93 | 2.97 | 42.90 | 74.00 | -31.10 | peak |
| 2 | 7725.000 | 38.98 | 8.31 | 47.29 | 74.00 | -26.71 | peak |
| 3 | 10605.000 | 36.17 | 12.88 | 49.05 | 74.00 | -24.95 | peak |
| 4 | 12675.000 | 36.92 | 14.61 | 51.53 | 74.00 | -22.47 | peak |
| 5 | 14415.000 | 34.69 | 16.67 | 51.36 | 74.00 | -22.64 | peak |
| 6 | 16425.000 | 33.17 | 19.03 | 52.20 | 74.00 | -21.80 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, VERTICAL)

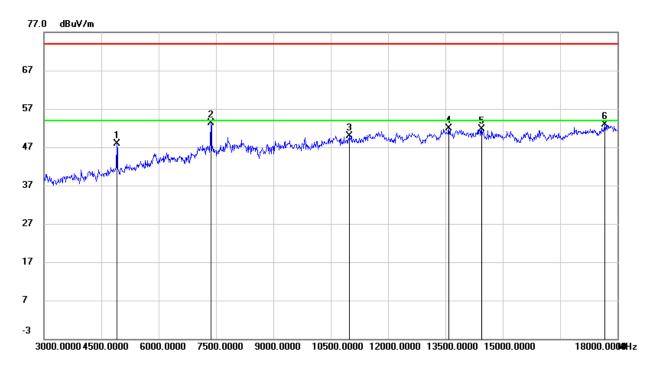


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 5190.000 | 40.86 | 1.72 | 42.58 | 74.00 | -31.42 | peak |
| 2 | 7815.000 | 39.25 | 9.31 | 48.56 | 74.00 | -25.44 | peak |
| 3 | 10845.000 | 37.26 | 12.68 | 49.94 | 74.00 | -24.06 | peak |
| 4 | 13575.000 | 34.91 | 16.33 | 51.24 | 74.00 | -22.76 | peak |
| 5 | 14460.000 | 34.42 | 16.65 | 51.07 | 74.00 | -22.93 | peak |
| 6 | 17700.000 | 29.81 | 22.53 | 52.34 | 74.00 | -21.66 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, HORIZONTAL)

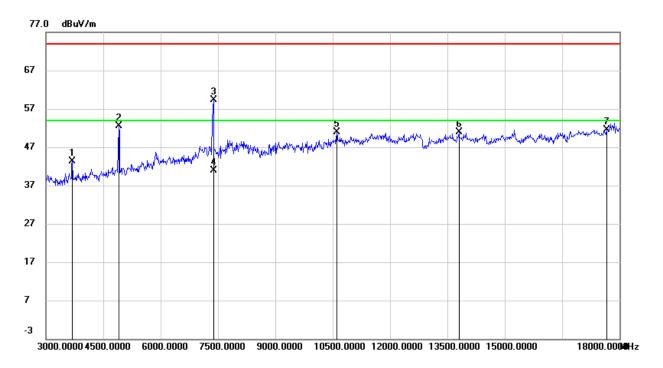


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4905.000 | 47.71 | 0.19 | 47.90 | 74.00 | -26.10 | peak |
| 2 | 7365.000 | 45.60 | 7.64 | 53.24 | 74.00 | -20.76 | peak |
| 3 | 10995.000 | 36.33 | 13.62 | 49.95 | 74.00 | -24.05 | peak |
| 4 | 13590.000 | 35.59 | 16.38 | 51.97 | 74.00 | -22.03 | peak |
| 5 | 14445.000 | 35.03 | 16.66 | 51.69 | 74.00 | -22.31 | peak |
| 6 | 17670.000 | 30.65 | 22.34 | 52.99 | 74.00 | -21.01 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, VERTICAL)

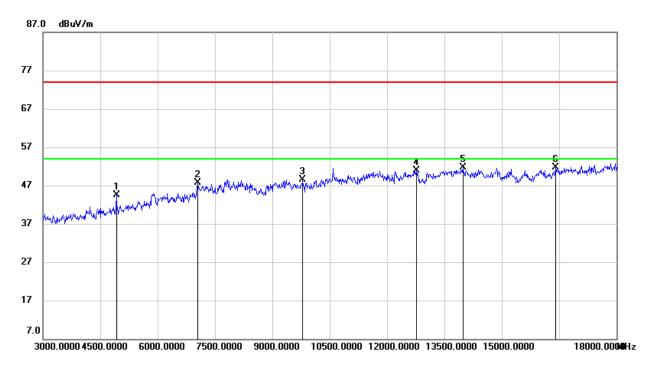


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 3690.000 | 46.11 | -2.74 | 43.37 | 74.00 | -30.63 | peak |
| 2 | 4905.000 | 52.26 | 0.19 | 52.45 | 74.00 | -21.55 | peak |
| 3 | 7376.024 | 51.64 | 7.69 | 59.33 | 74.00 | -14.67 | peak |
| 4 | 7376.024 | 33.21 | 7.69 | 40.90 | 54.00 | -13.10 | AVG |
| 5 | 10605.000 | 38.02 | 12.88 | 50.90 | 74.00 | -23.10 | peak |
| 6 | 13800.000 | 33.21 | 17.60 | 50.81 | 74.00 | -23.19 | peak |
| 7 | 17670.000 | 29.21 | 22.34 | 51.55 | 74.00 | -22.45 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. AVG: VBW=1/Ton where: ton is transmit duration.
- 5. For transmit duration, please refer to clause 7.1.
- 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, HORIZONTAL)

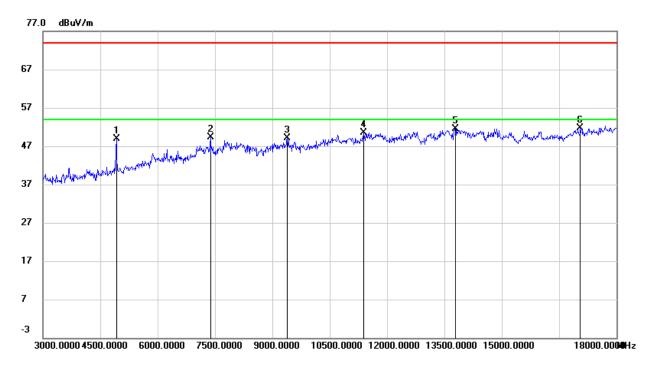


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4920.000 | 44.23 | 0.26 | 44.49 | 74.00 | -29.51 | peak |
| 2 | 7050.000 | 40.70 | 7.01 | 47.71 | 74.00 | -26.29 | peak |
| 3 | 9795.000 | 37.88 | 10.63 | 48.51 | 74.00 | -25.49 | peak |
| 4 | 12765.000 | 35.38 | 15.48 | 50.86 | 74.00 | -23.14 | peak |
| 5 | 13980.000 | 35.02 | 16.66 | 51.68 | 74.00 | -22.32 | peak |
| 6 | 16410.000 | 32.72 | 18.96 | 51.68 | 74.00 | -22.32 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4920.000 | 48.63 | 0.26 | 48.89 | 74.00 | -25.11 | peak |
| 2 | 7380.000 | 41.54 | 7.71 | 49.25 | 74.00 | -24.75 | peak |
| 3 | 9390.000 | 38.44 | 10.57 | 49.01 | 74.00 | -24.99 | peak |
| 4 | 11385.000 | 36.86 | 13.64 | 50.50 | 74.00 | -23.50 | peak |
| 5 | 13785.000 | 34.12 | 17.40 | 51.52 | 74.00 | -22.48 | peak |
| 6 | 17055.000 | 30.78 | 20.95 | 51.73 | 74.00 | -22.27 | peak |

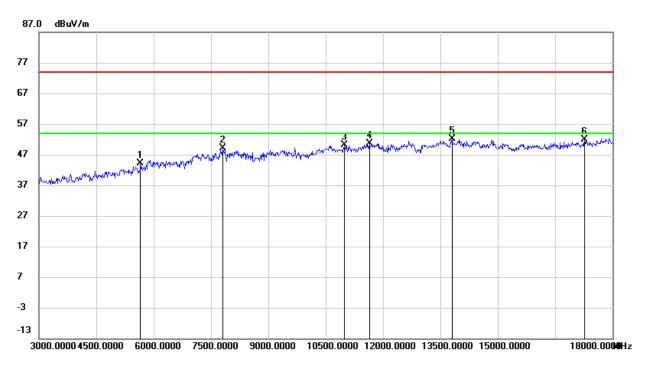
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



8.2.1. 802.11nHT40 MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CH3, HORIZONTAL)

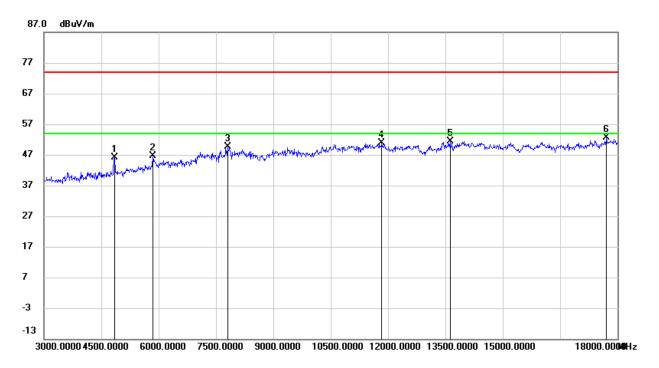


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 5655.000 | 41.31 | 2.92 | 44.23 | 74.00 | -29.77 | peak |
| 2 | 7815.000 | 39.82 | 9.31 | 49.13 | 74.00 | -24.87 | peak |
| 3 | 10995.000 | 36.59 | 13.62 | 50.21 | 74.00 | -23.79 | peak |
| 4 | 11640.000 | 36.54 | 14.18 | 50.72 | 74.00 | -23.28 | peak |
| 5 | 13800.000 | 34.59 | 17.60 | 52.19 | 74.00 | -21.81 | peak |
| 6 | 17265.000 | 30.12 | 21.77 | 51.89 | 74.00 | -22.11 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH3, VERTICAL)

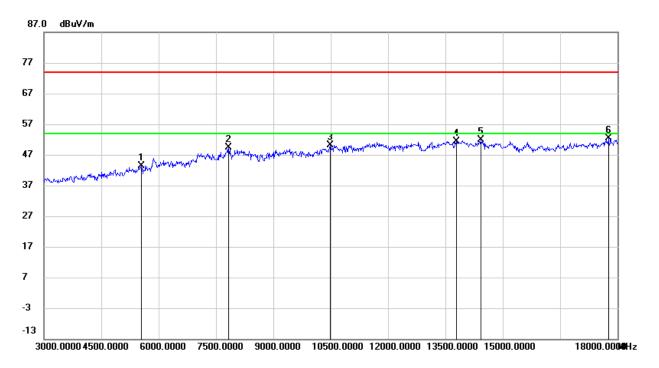


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4845.000 | 46.22 | 0.00 | 46.22 | 74.00 | -27.78 | peak |
| 2 | 5850.000 | 42.10 | 4.49 | 46.59 | 74.00 | -27.41 | peak |
| 3 | 7800.000 | 40.28 | 9.41 | 49.69 | 74.00 | -24.31 | peak |
| 4 | 11835.000 | 36.44 | 14.33 | 50.77 | 74.00 | -23.23 | peak |
| 5 | 13620.000 | 35.00 | 16.39 | 51.39 | 74.00 | -22.61 | peak |
| 6 | 17715.000 | 30.09 | 22.65 | 52.74 | 74.00 | -21.26 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH4, HORIZONTAL)

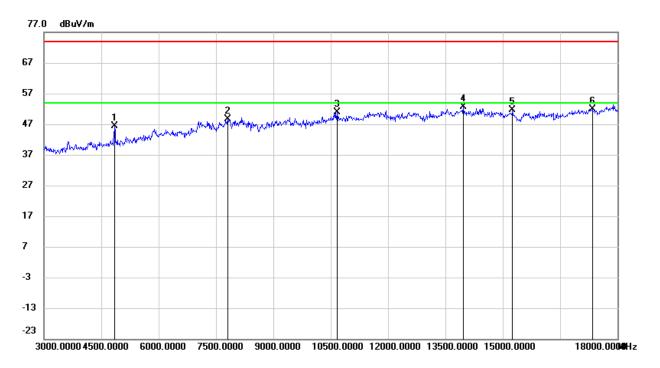


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 5550.000 | 40.48 | 2.91 | 43.39 | 74.00 | -30.61 | peak |
| 2 | 7830.000 | 40.07 | 9.21 | 49.28 | 74.00 | -24.72 | peak |
| 3 | 10485.000 | 37.92 | 12.25 | 50.17 | 74.00 | -23.83 | peak |
| 4 | 13785.000 | 34.09 | 17.40 | 51.49 | 74.00 | -22.51 | peak |
| 5 | 14430.000 | 35.28 | 16.66 | 51.94 | 74.00 | -22.06 | peak |
| 6 | 17760.000 | 29.33 | 23.01 | 52.34 | 74.00 | -21.66 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH4, VERTICAL)

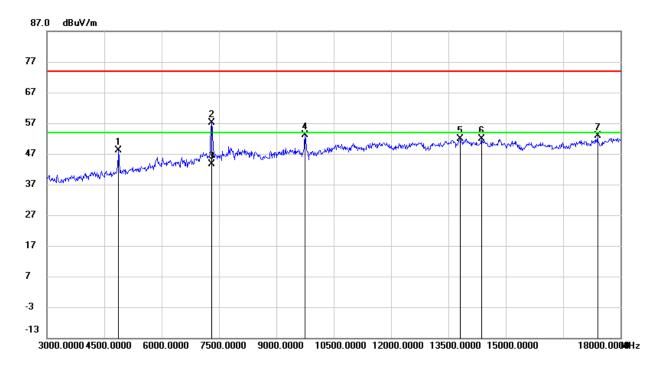


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4845.000 | 46.42 | 0.00 | 46.42 | 74.00 | -27.58 | peak |
| 2 | 7800.000 | 39.14 | 9.41 | 48.55 | 74.00 | -25.45 | peak |
| 3 | 10665.000 | 38.10 | 12.71 | 50.81 | 74.00 | -23.19 | peak |
| 4 | 13965.000 | 35.97 | 16.68 | 52.65 | 74.00 | -21.35 | peak |
| 5 | 15255.000 | 35.58 | 16.12 | 51.70 | 74.00 | -22.30 | peak |
| 6 | 17340.000 | 30.09 | 21.89 | 51.98 | 74.00 | -22.02 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, HORIZONTAL)

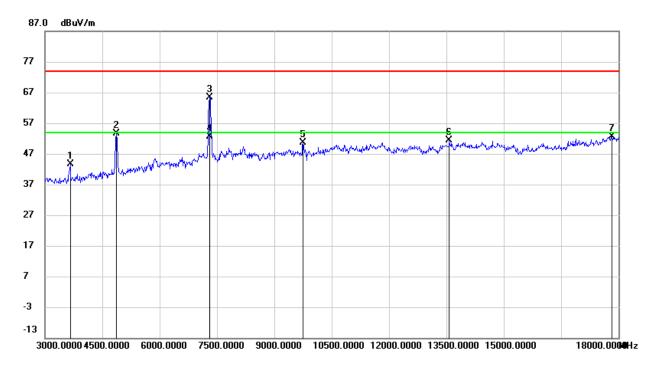


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4875.000 | 47.97 | 0.10 | 48.07 | 74.00 | -25.93 | peak |
| 2 | 7305.000 | 49.69 | 7.35 | 57.04 | 74.00 | -16.96 | peak |
| 3 | 7315.990 | 36.34 | 7.40 | 43.74 | 54.00 | -10.26 | AVG |
| 4 | 9750.000 | 42.42 | 10.60 | 53.02 | 74.00 | -20.98 | peak |
| 5 | 13800.000 | 34.38 | 17.60 | 51.98 | 74.00 | -22.02 | peak |
| 6 | 14370.000 | 35.14 | 16.66 | 51.80 | 74.00 | -22.20 | peak |
| 7 | 17400.000 | 31.15 | 21.65 | 52.80 | 74.00 | -21.20 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. AVG: VBW=1/Ton where: ton is transmit duration.
- 5. For transmit duration, please refer to clause 7.1.
- 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, VERTICAL)

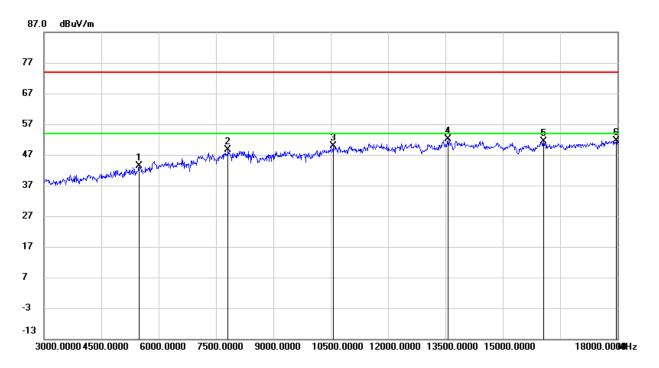


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 3660.000 | 46.69 | -2.98 | 43.71 | 74.00 | -30.29 | peak |
| 2 | 4875.000 | 53.49 | 0.10 | 53.59 | 74.00 | -20.41 | peak |
| 3 | 7316.990 | 58.06 | 7.41 | 65.47 | 74.00 | -8.53 | peak |
| 4 | 7316.990 | 45.15 | 7.41 | 52.56 | 54.00 | -1.44 | AVG |
| 5 | 9750.000 | 40.11 | 10.60 | 50.71 | 74.00 | -23.29 | peak |
| 6 | 13575.000 | 35.01 | 16.33 | 51.34 | 74.00 | -22.66 | peak |
| 7 | 17820.000 | 29.32 | 23.34 | 52.66 | 74.00 | -21.34 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. AVG: VBW=1/Ton where: ton is transmit duration.
- 5. For transmit duration, please refer to clause 7.1.
- 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH8, HORIZONTAL)

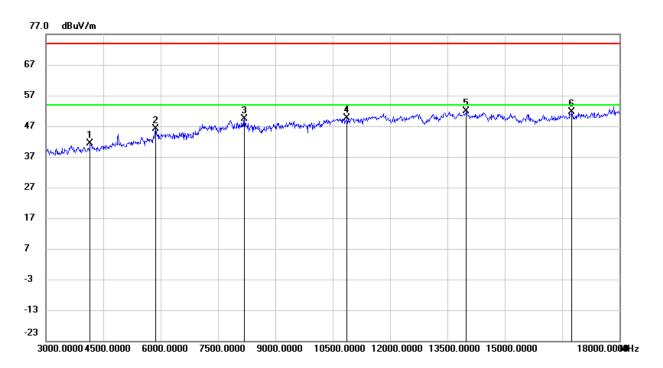


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 5490.000 | 40.46 | 2.87 | 43.33 | 74.00 | -30.67 | peak |
| 2 | 7815.000 | 39.26 | 9.31 | 48.57 | 74.00 | -25.43 | peak |
| 3 | 10560.000 | 37.26 | 12.67 | 49.93 | 74.00 | -24.07 | peak |
| 4 | 13575.000 | 35.69 | 16.33 | 52.02 | 74.00 | -21.98 | peak |
| 5 | 16065.000 | 33.42 | 17.93 | 51.35 | 74.00 | -22.65 | peak |
| 6 | 17970.000 | 28.17 | 23.38 | 51.55 | 74.00 | -22.45 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH8, VERTICAL)

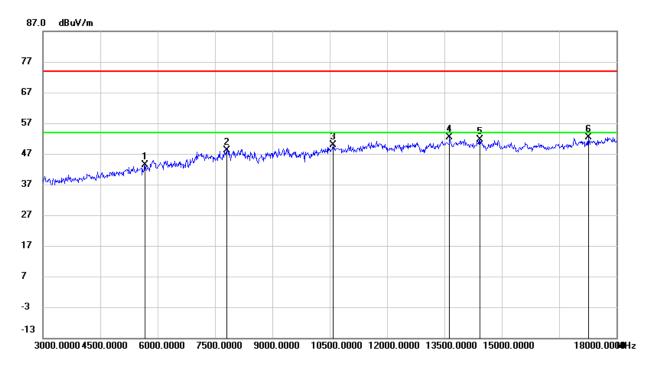


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4155.000 | 43.42 | -2.01 | 41.41 | 74.00 | -32.59 | peak |
| 2 | 5865.000 | 41.44 | 4.80 | 46.24 | 74.00 | -27.76 | peak |
| 3 | 8190.000 | 39.56 | 9.84 | 49.40 | 74.00 | -24.60 | peak |
| 4 | 10875.000 | 36.94 | 12.69 | 49.63 | 74.00 | -24.37 | peak |
| 5 | 13995.000 | 35.18 | 16.64 | 51.82 | 74.00 | -22.18 | peak |
| 6 | 16755.000 | 31.38 | 20.26 | 51.64 | 74.00 | -22.36 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH9, HORIZONTAL)

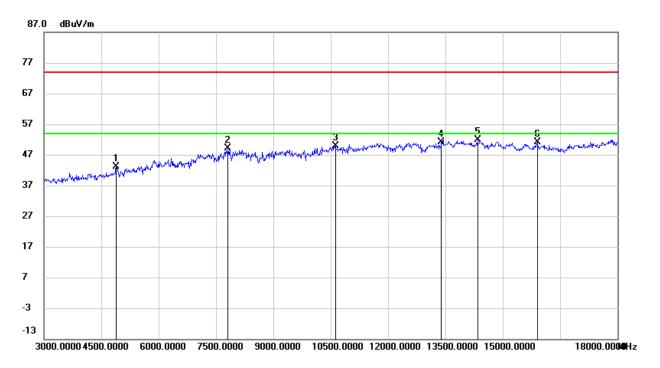


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 5670.000 | 40.43 | 2.93 | 43.36 | 74.00 | -30.64 | peak |
| 2 | 7800.000 | 38.72 | 9.41 | 48.13 | 74.00 | -25.87 | peak |
| 3 | 10590.000 | 37.03 | 12.83 | 49.86 | 74.00 | -24.14 | peak |
| 4 | 13635.000 | 35.98 | 16.37 | 52.35 | 74.00 | -21.65 | peak |
| 5 | 14430.000 | 34.96 | 16.66 | 51.62 | 74.00 | -22.38 | peak |
| 6 | 17265.000 | 30.68 | 21.77 | 52.45 | 74.00 | -21.55 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH9, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 4890.000 | 43.01 | 0.15 | 43.16 | 74.00 | -30.84 | peak |
| 2 | 7815.000 | 39.74 | 9.31 | 49.05 | 74.00 | -24.95 | peak |
| 3 | 10620.000 | 37.04 | 12.83 | 49.87 | 74.00 | -24.13 | peak |
| 4 | 13395.000 | 34.76 | 16.35 | 51.11 | 74.00 | -22.89 | peak |
| 5 | 14340.000 | 35.18 | 16.65 | 51.83 | 74.00 | -22.17 | peak |
| 6 | 15900.000 | 33.60 | 17.48 | 51.08 | 74.00 | -22.92 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

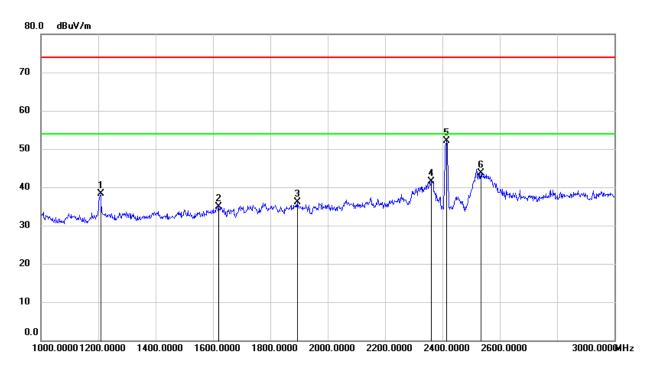


8.3. SPURIOUS EMISSIONS (1~3GHz)

8.3.1. 802.11b MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CH1, HORIZONTAL)

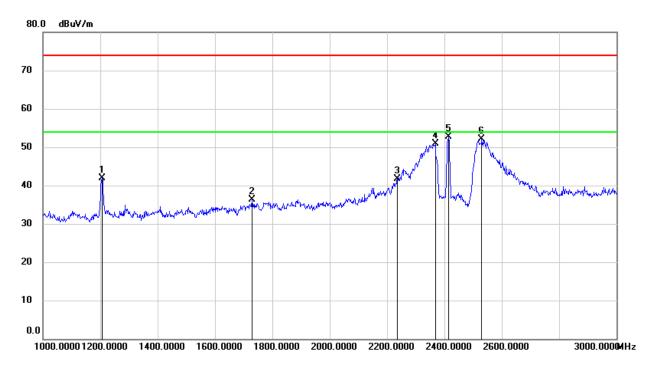


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1208.000 | 51.15 | -12.90 | 38.25 | 74.00 | -35.75 | peak |
| 2 | 1620.000 | 46.31 | -11.50 | 34.81 | 74.00 | -39.19 | peak |
| 3 | 1894.000 | 46.29 | -10.14 | 36.15 | 74.00 | -37.85 | peak |
| 4 | 2362.000 | 49.55 | -8.10 | 41.45 | 74.00 | -32.55 | peak |
| 5 | 2412.000 | 59.97 | -7.86 | 52.11 | / | / | fundamental |
| 6 | 2534.000 | 51.08 | -7.42 | 43.66 | 74.00 | -30.34 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH1, VERTICAL)

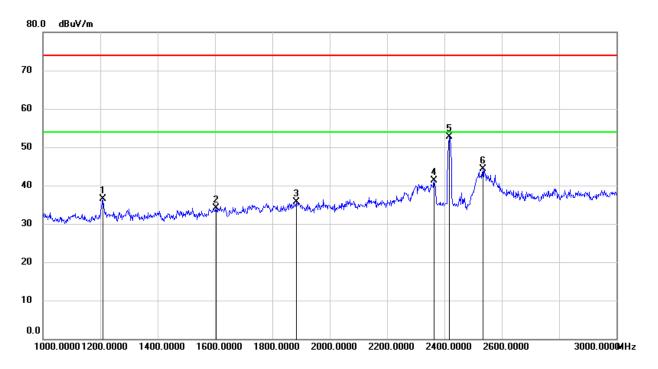


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1206.000 | 54.86 | -12.90 | 41.96 | 74.00 | -32.04 | peak |
| 2 | 1730.000 | 47.07 | -10.81 | 36.26 | 74.00 | -37.74 | peak |
| 3 | 2236.000 | 50.42 | -8.63 | 41.79 | 74.00 | -32.21 | peak |
| 4 | 2368.000 | 58.88 | -8.07 | 50.81 | 74.00 | -23.19 | peak |
| 5 | 2412.000 | 60.47 | -7.86 | 52.61 | / | / | fundamental |
| 6 | 2530.000 | 59.51 | -7.39 | 52.12 | 74.00 | -21.88 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH2, HORIZONTAL)

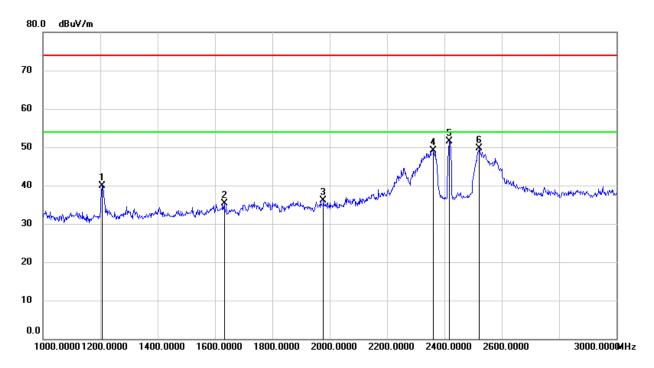


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1208.000 | 49.48 | -12.90 | 36.58 | 74.00 | -37.42 | peak |
| 2 | 1604.000 | 45.76 | -11.58 | 34.18 | 74.00 | -39.82 | peak |
| 3 | 1884.000 | 45.79 | -10.14 | 35.65 | 74.00 | -38.35 | peak |
| 4 | 2364.000 | 49.32 | -8.08 | 41.24 | 74.00 | -32.76 | peak |
| 5 | 2417.000 | 60.48 | -7.83 | 52.65 | / | / | fundamental |
| 6 | 2534.000 | 51.79 | -7.42 | 44.37 | 74.00 | -29.63 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH2, VERTICAL)

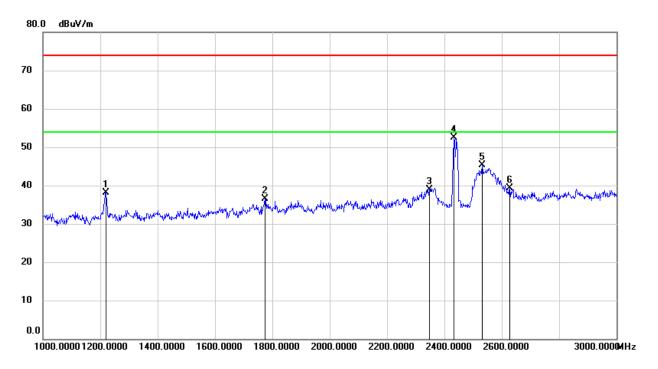


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1206.000 | 52.86 | -12.90 | 39.96 | 74.00 | -34.04 | peak |
| 2 | 1632.000 | 46.85 | -11.45 | 35.40 | 74.00 | -38.60 | peak |
| 3 | 1978.000 | 46.17 | -10.03 | 36.14 | 74.00 | -37.86 | peak |
| 4 | 2360.000 | 57.14 | -8.10 | 49.04 | 74.00 | -24.96 | peak |
| 5 | 2417.000 | 59.40 | -7.83 | 51.57 | / | / | fundamental |
| 6 | 2522.000 | 57.04 | -7.36 | 49.68 | 74.00 | -24.32 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, HORIZONTAL)

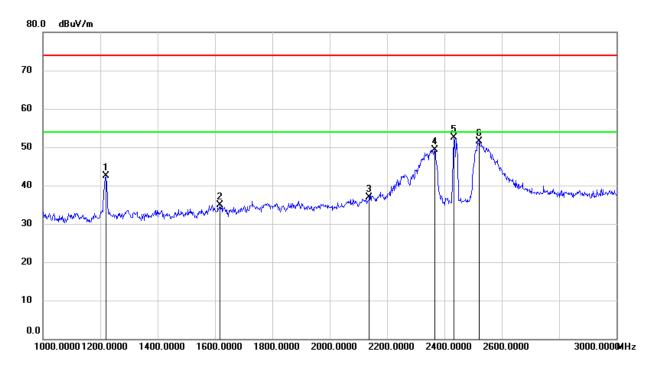


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1220.000 | 51.00 | -12.85 | 38.15 | 74.00 | -35.85 | peak |
| 2 | 1774.000 | 46.90 | -10.37 | 36.53 | 74.00 | -37.47 | peak |
| 3 | 2348.000 | 47.10 | -8.14 | 38.96 | 74.00 | -35.04 | peak |
| 4 | 2437.000 | 60.27 | -7.71 | 52.56 | / | / | fundamental |
| 5 | 2532.000 | 52.70 | -7.40 | 45.30 | 74.00 | -28.70 | peak |
| 6 | 2628.000 | 46.98 | -7.60 | 39.38 | 74.00 | -34.62 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, VERTICAL)

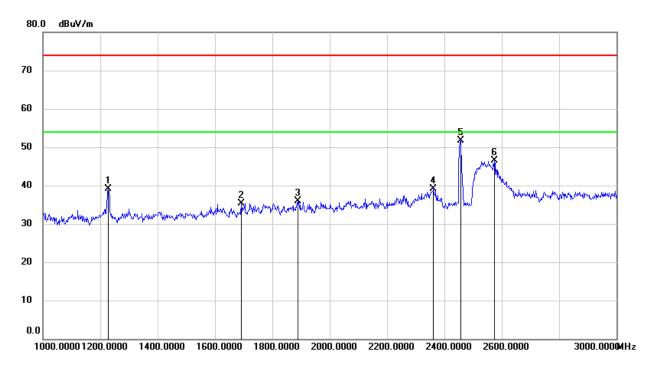


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1220.000 | 55.40 | -12.85 | 42.55 | 74.00 | -31.45 | peak |
| 2 | 1618.000 | 46.52 | -11.52 | 35.00 | 74.00 | -39.00 | peak |
| 3 | 2138.000 | 46.06 | -9.12 | 36.94 | 74.00 | -37.06 | peak |
| 4 | 2366.000 | 57.47 | -8.07 | 49.40 | 74.00 | -24.60 | peak |
| 5 | 2437.000 | 60.25 | -7.71 | 52.54 | / | / | fundamental |
| 6 | 2522.000 | 58.96 | -7.36 | 51.60 | 74.00 | -22.40 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, HORIZONTAL)

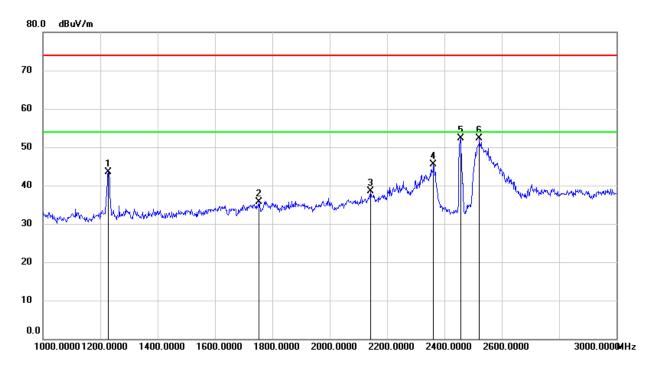


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1228.000 | 51.84 | -12.82 | 39.02 | 74.00 | -34.98 | peak |
| 2 | 1692.000 | 46.54 | -11.15 | 35.39 | 74.00 | -38.61 | peak |
| 3 | 1890.000 | 46.13 | -10.14 | 35.99 | 74.00 | -38.01 | peak |
| 4 | 2362.000 | 47.30 | -8.10 | 39.20 | 74.00 | -34.80 | peak |
| 5 | 2457.000 | 59.35 | -7.56 | 51.79 | / | / | fundamental |
| 6 | 2574.000 | 54.09 | -7.62 | 46.47 | 74.00 | -27.53 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, VERTICAL)

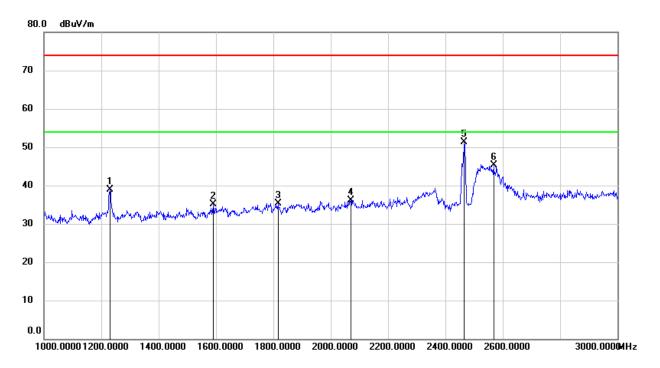


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1228.000 | 56.38 | -12.82 | 43.56 | 74.00 | -30.44 | peak |
| 2 | 1752.000 | 46.32 | -10.59 | 35.73 | 74.00 | -38.27 | peak |
| 3 | 2142.000 | 47.54 | -9.10 | 38.44 | 74.00 | -35.56 | peak |
| 4 | 2362.000 | 53.52 | -8.10 | 45.42 | 74.00 | -28.58 | peak |
| 5 | 2457.000 | 59.86 | -7.56 | 52.30 | / | / | fundamental |
| 6 | 2522.000 | 59.67 | -7.36 | 52.31 | 74.00 | -21.69 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, HORIZONTAL)

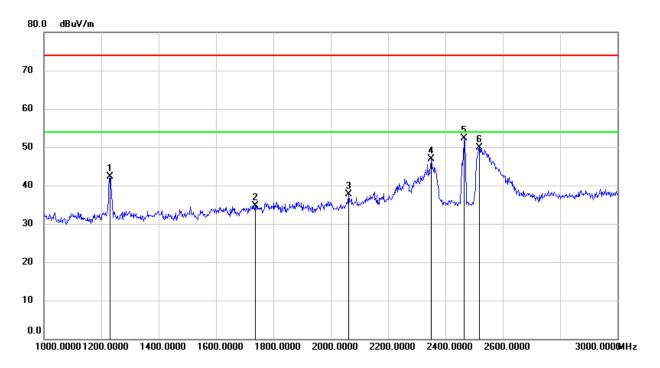


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1230.000 | 51.75 | -12.82 | 38.93 | 74.00 | -35.07 | peak |
| 2 | 1590.000 | 46.78 | -11.70 | 35.08 | 74.00 | -38.92 | peak |
| 3 | 1816.000 | 45.46 | -10.11 | 35.35 | 74.00 | -38.65 | peak |
| 4 | 2070.000 | 45.69 | -9.52 | 36.17 | 74.00 | -37.83 | peak |
| 5 | 2462.000 | 58.75 | -7.49 | 51.26 | / | / | fundamental |
| 6 | 2568.000 | 52.87 | -7.61 | 45.26 | 74.00 | -28.74 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1230.000 | 55.12 | -12.82 | 42.30 | 74.00 | -31.70 | peak |
| 2 | 1736.000 | 45.52 | -10.74 | 34.78 | 74.00 | -39.22 | peak |
| 3 | 2062.000 | 47.24 | -9.57 | 37.67 | 74.00 | -36.33 | peak |
| 4 | 2350.000 | 54.96 | -8.13 | 46.83 | 74.00 | -27.17 | peak |
| 5 | 2462.000 | 59.76 | -7.49 | 52.27 | / | / | fundamental |
| 6 | 2518.000 | 57.29 | -7.34 | 49.95 | 74.00 | -24.05 | peak |

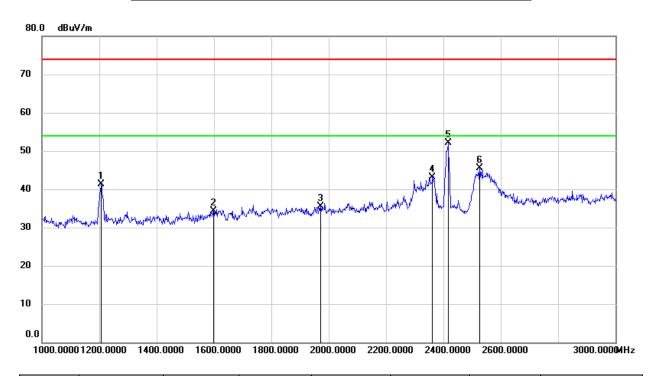
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



8.3.2. 802.11g MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CH1, HORIZONTAL)

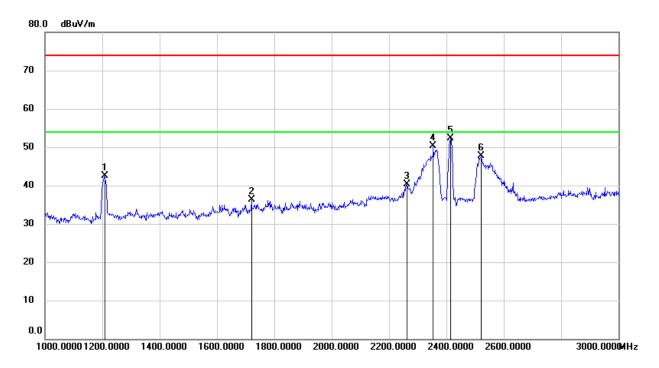


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1206.000 | 54.26 | -12.90 | 41.36 | 74.00 | -32.64 | peak |
| 2 | 1598.000 | 45.98 | -11.63 | 34.35 | 74.00 | -39.65 | peak |
| 3 | 1972.000 | 45.65 | -10.05 | 35.60 | 74.00 | -38.40 | peak |
| 4 | 2362.000 | 51.23 | -8.10 | 43.13 | 74.00 | -30.87 | peak |
| 5 | 2412.000 | 59.96 | -7.85 | 52.11 | / | / | fundamental |
| 6 | 2526.000 | 52.87 | -7.39 | 45.48 | 74.00 | -28.52 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH1, VERTICAL)

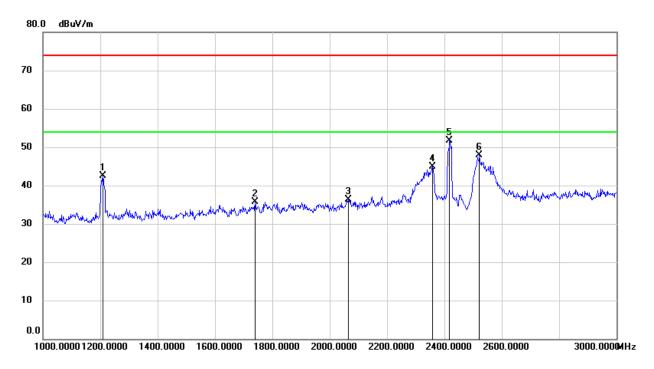


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1208.000 | 55.38 | -12.90 | 42.48 | 74.00 | -31.52 | peak |
| 2 | 1720.000 | 47.30 | -10.90 | 36.40 | 74.00 | -37.60 | peak |
| 3 | 2262.000 | 48.88 | -8.50 | 40.38 | 74.00 | -33.62 | peak |
| 4 | 2354.000 | 58.36 | -8.12 | 50.24 | 74.00 | -23.76 | peak |
| 5 | 2412.000 | 60.25 | -7.86 | 52.39 | / | / | fundamental |
| 6 | 2522.000 | 55.15 | -7.36 | 47.79 | 74.00 | -26.21 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH2, HORIZONTAL)

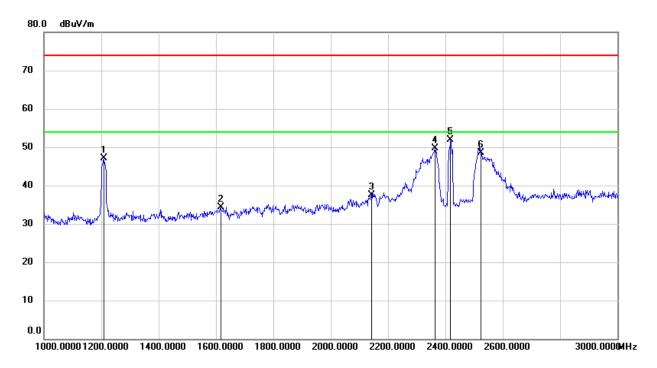


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1210.000 | 55.34 | -12.88 | 42.46 | 74.00 | -31.54 | peak |
| 2 | 1740.000 | 46.46 | -10.71 | 35.75 | 74.00 | -38.25 | peak |
| 3 | 2064.000 | 45.82 | -9.55 | 36.27 | 74.00 | -37.73 | peak |
| 4 | 2358.000 | 53.08 | -8.11 | 44.97 | 74.00 | -29.03 | peak |
| 5 | 2417.000 | 59.54 | -7.83 | 51.71 | / | / | fundamental |
| 6 | 2522.000 | 55.23 | -7.36 | 47.87 | 74.00 | -26.13 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH2, VERTICAL)

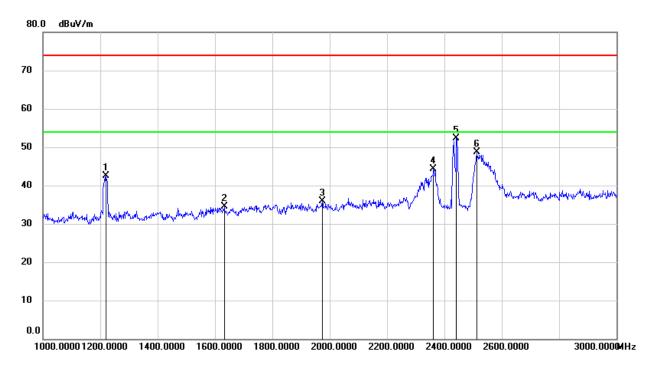


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1208.000 | 60.03 | -12.90 | 47.13 | 74.00 | -26.87 | peak |
| 2 | 1616.000 | 45.88 | -11.53 | 34.35 | 74.00 | -39.65 | peak |
| 3 | 2142.000 | 46.66 | -9.10 | 37.56 | 74.00 | -36.44 | peak |
| 4 | 2364.000 | 57.71 | -8.08 | 49.63 | 74.00 | -24.37 | peak |
| 5 | 2417.000 | 59.73 | -7.83 | 51.90 | / | / | fundamental |
| 6 | 2524.000 | 55.96 | -7.37 | 48.59 | 74.00 | -25.41 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, HORIZONTAL)

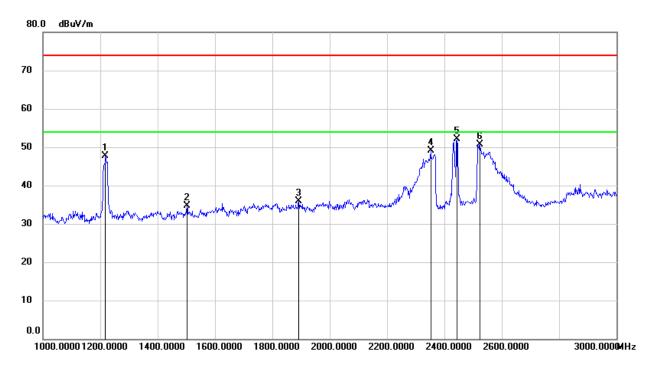


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1220.000 | 55.29 | -12.85 | 42.44 | 74.00 | -31.56 | peak |
| 2 | 1632.000 | 45.92 | -11.45 | 34.47 | 74.00 | -39.53 | peak |
| 3 | 1974.000 | 46.01 | -10.04 | 35.97 | 74.00 | -38.03 | peak |
| 4 | 2362.000 | 52.45 | -8.10 | 44.35 | 74.00 | -29.65 | peak |
| 5 | 2437.000 | 59.95 | -7.66 | 52.29 | / | / | fundamental |
| 6 | 2512.000 | 56.06 | -7.31 | 48.75 | 74.00 | -25.25 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, VERTICAL)

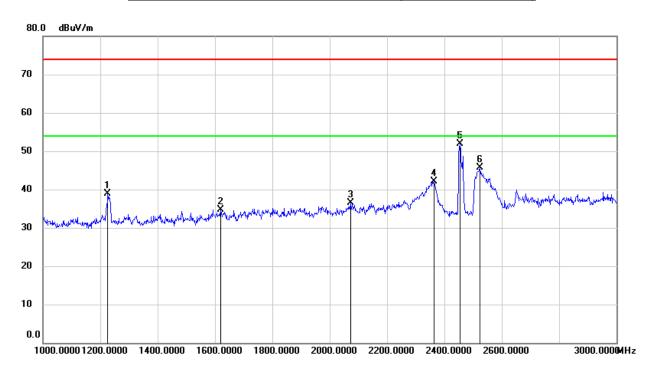


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1218.000 | 60.58 | -12.86 | 47.72 | 74.00 | -26.28 | peak |
| 2 | 1502.000 | 47.04 | -12.41 | 34.63 | 74.00 | -39.37 | peak |
| 3 | 1892.000 | 45.95 | -10.14 | 35.81 | 74.00 | -38.19 | peak |
| 4 | 2352.000 | 57.30 | -8.13 | 49.17 | 74.00 | -24.83 | peak |
| 5 | 2437.000 | 59.80 | -7.65 | 52.15 | / | / | fundamental |
| 6 | 2524.000 | 58.00 | -7.37 | 50.63 | 74.00 | -23.37 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, HORIZONTAL)

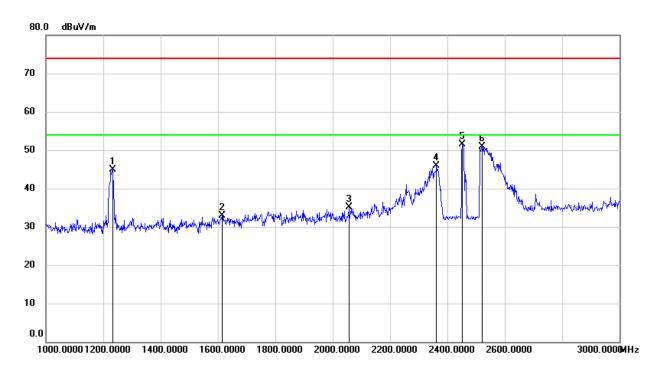


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1226.000 | 51.70 | -12.83 | 38.87 | 74.00 | -35.13 | peak |
| 2 | 1620.000 | 46.24 | -11.50 | 34.74 | 74.00 | -39.26 | peak |
| 3 | 2072.000 | 45.99 | -9.51 | 36.48 | 74.00 | -37.52 | peak |
| 4 | 2364.000 | 50.27 | -8.08 | 42.19 | 74.00 | -31.81 | peak |
| 5 | 2457.000 | 59.54 | -7.57 | 51.97 | / | / | fundamental |
| 6 | 2524.000 | 53.03 | -7.37 | 45.66 | 74.00 | -28.34 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, VERTICAL)

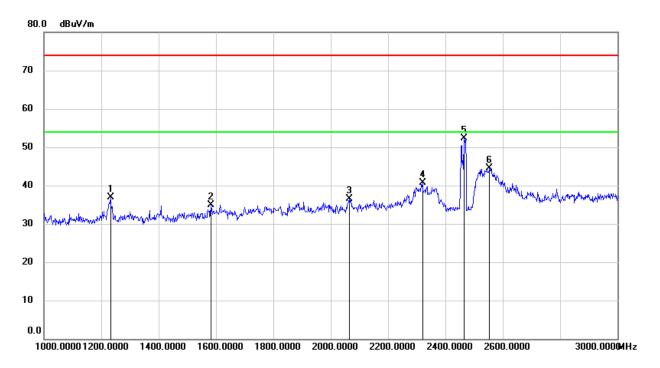


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1232.000 | 57.67 | -12.81 | 44.86 | 74.00 | -29.14 | peak |
| 2 | 1614.000 | 44.44 | -11.54 | 32.90 | 74.00 | -41.10 | peak |
| 3 | 2056.000 | 44.75 | -9.62 | 35.13 | 74.00 | -38.87 | peak |
| 4 | 2362.000 | 53.97 | -8.10 | 45.87 | 74.00 | -28.13 | peak |
| 5 | 2457.000 | 59.05 | -7.59 | 51.46 | / | / | fundamental |
| 6 | 2522.000 | 58.18 | -7.36 | 50.82 | 74.00 | -23.18 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, HORIZONTAL)

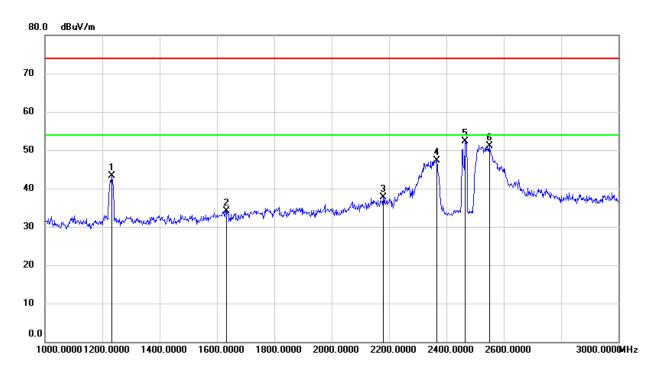


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1232.000 | 49.69 | -12.81 | 36.88 | 74.00 | -37.12 | peak |
| 2 | 1582.000 | 46.70 | -11.76 | 34.94 | 74.00 | -39.06 | peak |
| 3 | 2064.000 | 46.08 | -9.55 | 36.53 | 74.00 | -37.47 | peak |
| 4 | 2320.000 | 48.95 | -8.24 | 40.71 | 74.00 | -33.29 | peak |
| 5 | 2462.000 | 59.71 | -7.49 | 52.22 | / | / | fundamental |
| 6 | 2554.000 | 51.95 | -7.53 | 44.42 | 74.00 | -29.58 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1234.000 | 56.08 | -12.80 | 43.28 | 74.00 | -30.72 | peak |
| 2 | 1632.000 | 45.65 | -11.45 | 34.20 | 74.00 | -39.80 | peak |
| 3 | 2180.000 | 46.64 | -8.91 | 37.73 | 74.00 | -36.27 | peak |
| 4 | 2366.000 | 55.36 | -8.07 | 47.29 | 74.00 | -26.71 | peak |
| 5 | 2462.000 | 59.83 | -7.49 | 52.34 | / | / | fundamental |
| 6 | 2550.000 | 58.67 | -7.51 | 51.16 | 74.00 | -22.84 | peak |

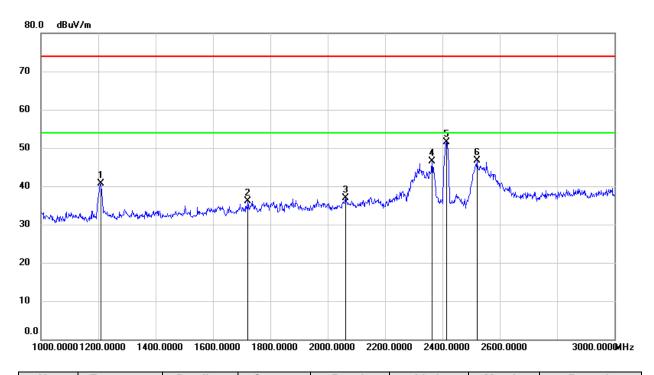
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



8.3.3. 802.11nHT20 MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CH1, HORIZONTAL)

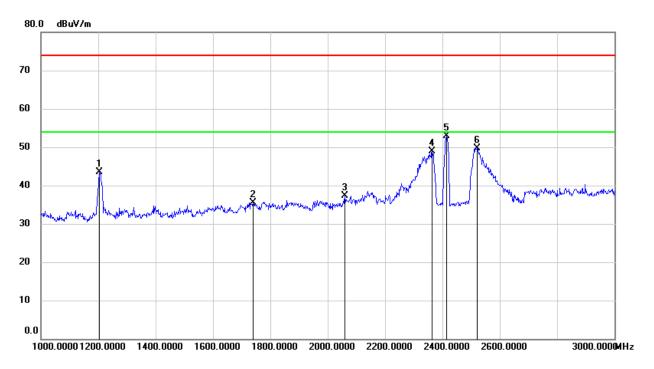


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1208.000 | 53.69 | -12.90 | 40.79 | 74.00 | -33.21 | peak |
| 2 | 1722.000 | 46.91 | -10.89 | 36.02 | 74.00 | -37.98 | peak |
| 3 | 2062.000 | 46.49 | -9.57 | 36.92 | 74.00 | -37.08 | peak |
| 4 | 2364.000 | 54.64 | -8.08 | 46.56 | 74.00 | -27.44 | peak |
| 5 | 2412.000 | 59.43 | -7.86 | 51.57 | / | / | fundamental |
| 6 | 2520.000 | 54.09 | -7.35 | 46.74 | 74.00 | -27.26 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH1, VERTICAL)

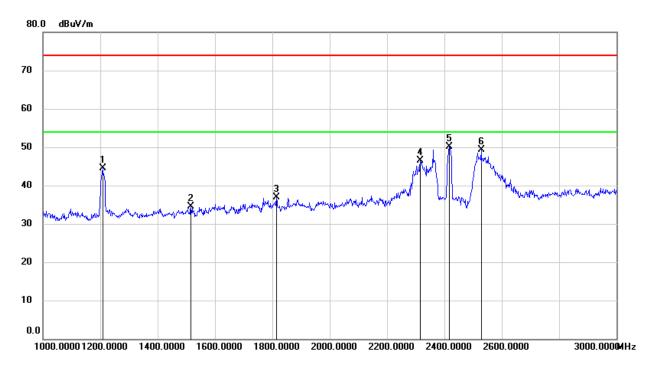


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1204.000 | 56.35 | -12.90 | 43.45 | 74.00 | -30.55 | peak |
| 2 | 1740.000 | 46.21 | -10.71 | 35.50 | 74.00 | -38.50 | peak |
| 3 | 2060.000 | 46.97 | -9.59 | 37.38 | 74.00 | -36.62 | peak |
| 4 | 2364.000 | 56.91 | -8.08 | 48.83 | 74.00 | -25.17 | peak |
| 5 | 2412.000 | 60.84 | -7.86 | 52.98 | / | / | fundamental |
| 6 | 2520.000 | 57.12 | -7.35 | 49.77 | 74.00 | -24.23 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH2, HORIZONTAL)

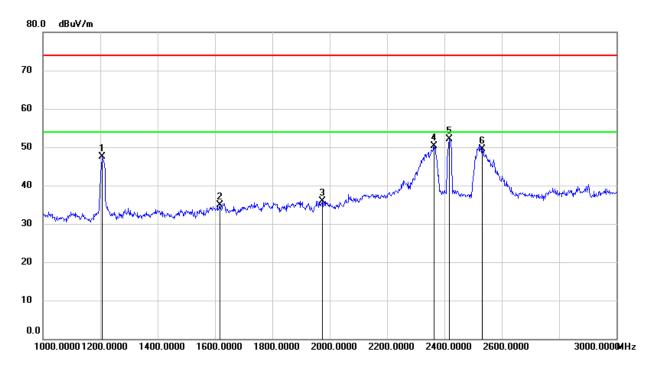


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1208.000 | 57.41 | -12.90 | 44.51 | 74.00 | -29.49 | peak |
| 2 | 1516.000 | 46.72 | -12.30 | 34.42 | 74.00 | -39.58 | peak |
| 3 | 1814.000 | 46.99 | -10.12 | 36.87 | 74.00 | -37.13 | peak |
| 4 | 2316.000 | 54.74 | -8.25 | 46.49 | 74.00 | -27.51 | peak |
| 5 | 2417.000 | 57.87 | -7.85 | 50.02 | / | / | fundamental |
| 6 | 2528.000 | 56.64 | -7.39 | 49.25 | 74.00 | -24.75 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH2, VERTICAL)

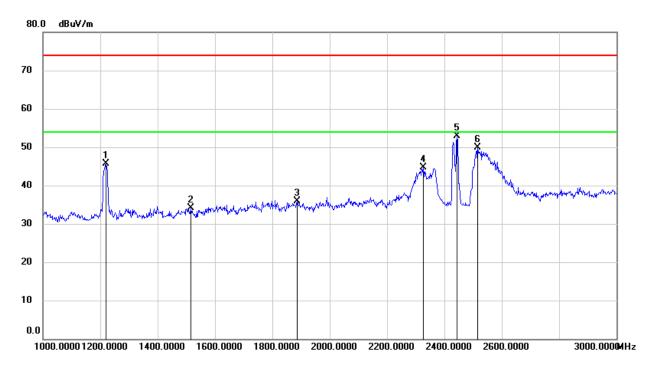


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1206.000 | 60.38 | -12.90 | 47.48 | 74.00 | -26.52 | peak |
| 2 | 1616.000 | 46.45 | -11.53 | 34.92 | 74.00 | -39.08 | peak |
| 3 | 1974.000 | 46.03 | -10.04 | 35.99 | 74.00 | -38.01 | peak |
| 4 | 2364.000 | 58.42 | -8.08 | 50.34 | 74.00 | -23.66 | peak |
| 5 | 2417.000 | 59.88 | -7.85 | 52.03 | / | / | fundamental |
| 6 | 2532.000 | 56.96 | -7.40 | 49.56 | 74.00 | -24.44 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, HORIZONTAL)

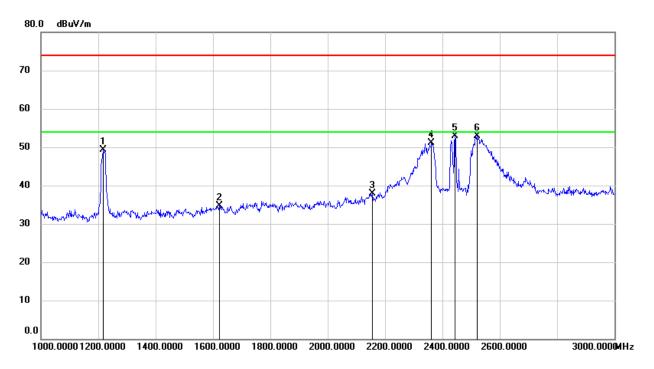


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1220.000 | 58.52 | -12.85 | 45.67 | 74.00 | -28.33 | peak |
| 2 | 1516.000 | 46.39 | -12.30 | 34.09 | 74.00 | -39.91 | peak |
| 3 | 1886.000 | 45.94 | -10.13 | 35.81 | 74.00 | -38.19 | peak |
| 4 | 2326.000 | 53.01 | -8.21 | 44.80 | 74.00 | -29.20 | peak |
| 5 | 2437.000 | 60.46 | -7.65 | 52.81 | / | / | fundamental |
| 6 | 2516.000 | 57.19 | -7.32 | 49.87 | 74.00 | -24.13 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, VERTICAL)

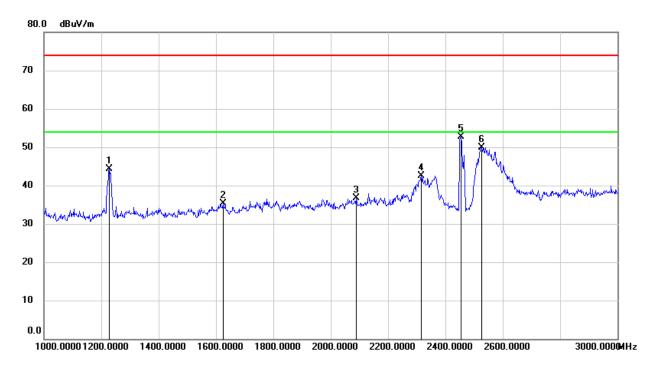


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1216.000 | 62.12 | -12.86 | 49.26 | 74.00 | -24.74 | peak |
| 2 | 1622.000 | 46.30 | -11.50 | 34.80 | 74.00 | -39.20 | peak |
| 3 | 2156.000 | 46.98 | -9.03 | 37.95 | 74.00 | -36.05 | peak |
| 4 | 2362.000 | 59.23 | -8.10 | 51.13 | 74.00 | -22.87 | peak |
| 5 | 2437.000 | 60.54 | -7.65 | 52.89 | / | / | fundamental |
| 6 | 2520.000 | 60.22 | -7.35 | 52.87 | 74.00 | -21.13 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, HORIZONTAL)

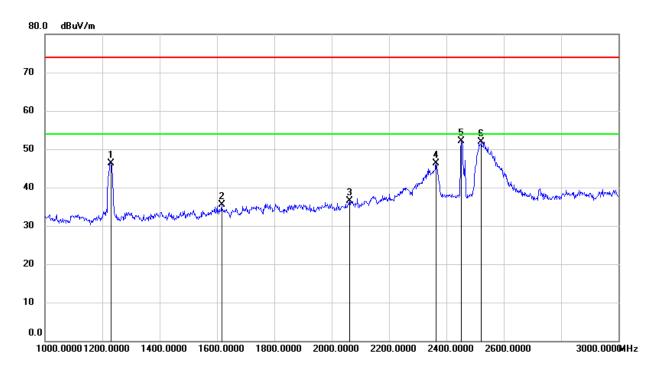


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1228.000 | 57.09 | -12.82 | 44.27 | 74.00 | -29.73 | peak |
| 2 | 1624.000 | 46.71 | -11.49 | 35.22 | 74.00 | -38.78 | peak |
| 3 | 2088.000 | 46.02 | -9.40 | 36.62 | 74.00 | -37.38 | peak |
| 4 | 2316.000 | 50.78 | -8.25 | 42.53 | 74.00 | -31.47 | peak |
| 5 | 2457.000 | 60.29 | -7.57 | 52.72 | / | / | fundamental |
| 6 | 2526.000 | 57.33 | -7.39 | 49.94 | 74.00 | -24.06 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH10, VERTICAL)

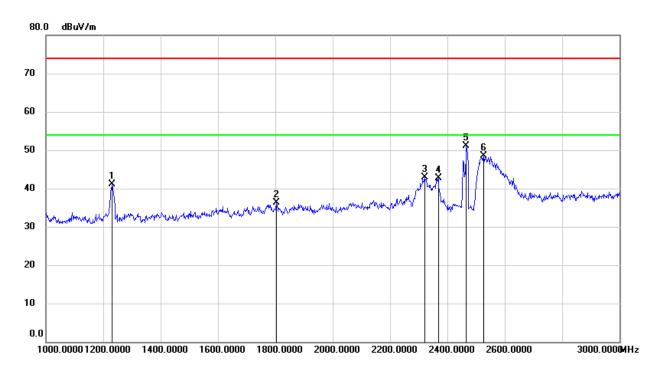


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1230.000 | 59.10 | -12.82 | 46.28 | 74.00 | -27.72 | peak |
| 2 | 1616.000 | 47.08 | -11.53 | 35.55 | 74.00 | -38.45 | peak |
| 3 | 2062.000 | 46.12 | -9.57 | 36.55 | 74.00 | -37.45 | peak |
| 4 | 2364.000 | 54.29 | -8.08 | 46.21 | 74.00 | -27.79 | peak |
| 5 | 2457.000 | 59.71 | -7.59 | 52.12 | / | / | fundamental |
| 6 | 2522.000 | 59.26 | -7.36 | 51.90 | 74.00 | -22.10 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, HORIZONTAL)

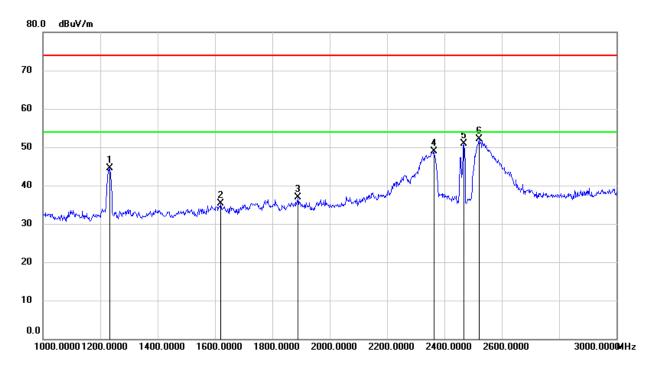


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1230.000 | 53.90 | -12.82 | 41.08 | 74.00 | -32.92 | peak |
| 2 | 1804.000 | 46.34 | -10.11 | 36.23 | 74.00 | -37.77 | peak |
| 3 | 2320.000 | 51.18 | -8.24 | 42.94 | 74.00 | -31.06 | peak |
| 4 | 2368.000 | 50.82 | -8.07 | 42.75 | 74.00 | -31.25 | peak |
| 5 | 2462.000 | 58.51 | -7.49 | 51.02 | / | / | fundamental |
| 6 | 2526.000 | 55.82 | -7.39 | 48.43 | 74.00 | -25.57 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH11, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1234.000 | 57.25 | -12.80 | 44.45 | 74.00 | -29.55 | peak |
| 2 | 1620.000 | 46.72 | -11.50 | 35.22 | 74.00 | -38.78 | peak |
| 3 | 1890.000 | 46.99 | -10.14 | 36.85 | 74.00 | -37.15 | peak |
| 4 | 2364.000 | 57.05 | -8.08 | 48.97 | 74.00 | -25.03 | peak |
| 5 | 2462.000 | 58.47 | -7.48 | 50.99 | / | / | fundamental |
| 6 | 2520.000 | 59.45 | -7.35 | 52.10 | 74.00 | -21.90 | peak |

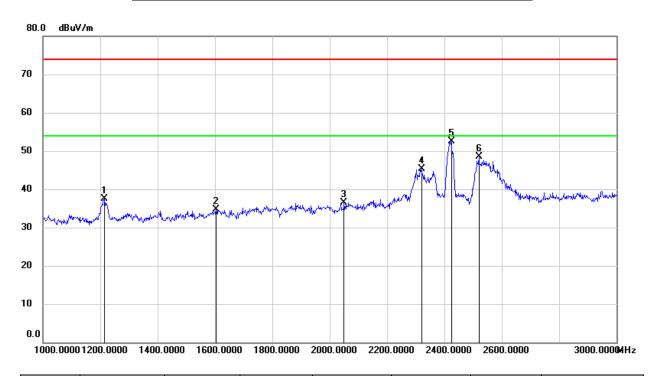
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



8.3.4. 802.11nHT40 MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

HARMONICS AND SPURIOUS EMISSIONS (CH3, HORIZONTAL)

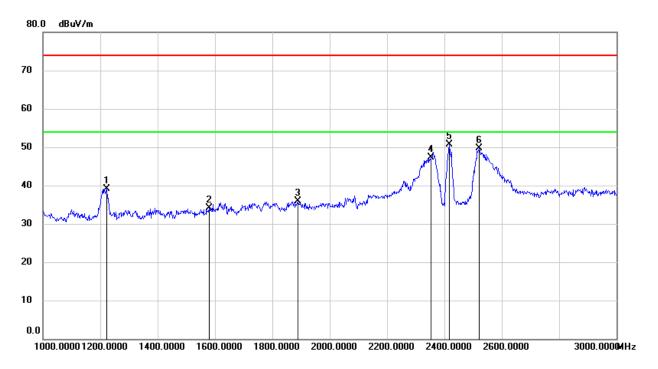


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1214.000 | 50.46 | -12.87 | 37.59 | 74.00 | -36.41 | peak |
| 2 | 1604.000 | 46.21 | -11.58 | 34.63 | 74.00 | -39.37 | peak |
| 3 | 2050.000 | 46.11 | -9.66 | 36.45 | 74.00 | -37.55 | peak |
| 4 | 2320.000 | 53.52 | -8.24 | 45.28 | 74.00 | -28.72 | peak |
| 5 | 2422.000 | 60.33 | -7.79 | 52.54 | / | / | fundamental |
| 6 | 2520.000 | 55.87 | -7.35 | 48.52 | 74.00 | -25.48 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH3, VERTICAL)

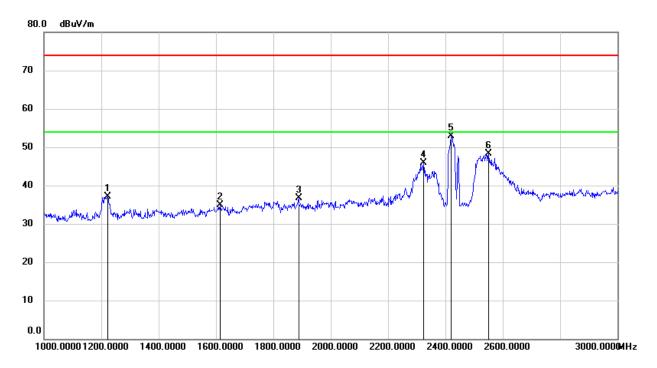


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1222.000 | 51.97 | -12.84 | 39.13 | 74.00 | -34.87 | peak |
| 2 | 1580.000 | 45.91 | -11.78 | 34.13 | 74.00 | -39.87 | peak |
| 3 | 1888.000 | 46.10 | -10.14 | 35.96 | 74.00 | -38.04 | peak |
| 4 | 2354.000 | 55.50 | -8.12 | 47.38 | 74.00 | -26.62 | peak |
| 5 | 2422.000 | 58.57 | -7.83 | 50.74 | / | / | fundamental |
| 6 | 2520.000 | 57.09 | -7.35 | 49.74 | 74.00 | -24.26 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH4, HORIZONTAL)

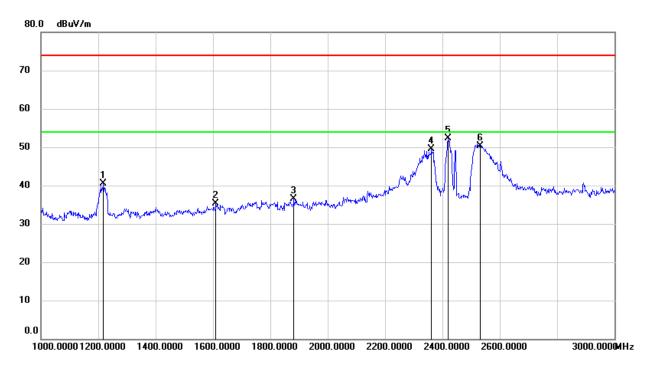


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1222.000 | 49.90 | -12.84 | 37.06 | 74.00 | -36.94 | peak |
| 2 | 1614.000 | 46.39 | -11.54 | 34.85 | 74.00 | -39.15 | peak |
| 3 | 1888.000 | 46.94 | -10.14 | 36.80 | 74.00 | -37.20 | peak |
| 4 | 2324.000 | 54.11 | -8.23 | 45.88 | 74.00 | -28.12 | peak |
| 5 | 2427.000 | 60.76 | -7.81 | 52.95 | / | / | fundamental |
| 6 | 2550.000 | 55.75 | -7.51 | 48.24 | 74.00 | -25.76 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH4, VERTICAL)

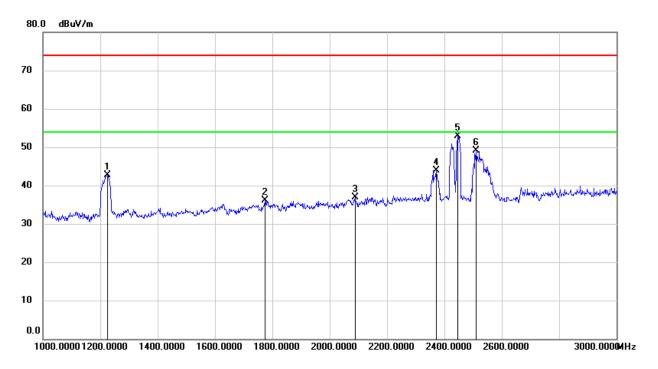


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1218.000 | 53.28 | -12.86 | 40.42 | 74.00 | -33.58 | peak |
| 2 | 1610.000 | 46.82 | -11.56 | 35.26 | 74.00 | -38.74 | peak |
| 3 | 1882.000 | 46.59 | -10.14 | 36.45 | 74.00 | -37.55 | peak |
| 4 | 2362.000 | 57.54 | -8.10 | 49.44 | 74.00 | -24.56 | peak |
| 5 | 2427.000 | 60.06 | -7.81 | 52.25 | / | / | fundamental |
| 6 | 2532.000 | 57.78 | -7.40 | 50.38 | 74.00 | -23.62 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, HORIZONTAL)

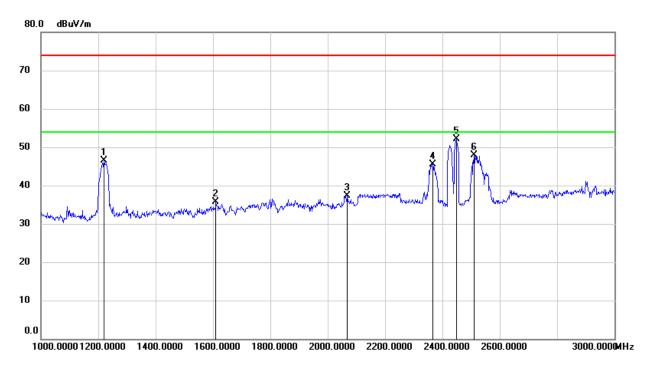


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1226.000 | 55.47 | -12.83 | 42.64 | 74.00 | -31.36 | peak |
| 2 | 1774.000 | 46.49 | -10.37 | 36.12 | 74.00 | -37.88 | peak |
| 3 | 2088.000 | 46.39 | -9.40 | 36.99 | 74.00 | -37.01 | peak |
| 4 | 2372.000 | 51.91 | -8.06 | 43.85 | 74.00 | -30.15 | peak |
| 5 | 2437.000 | 60.63 | -7.63 | 53.00 | / | / | fundamental |
| 6 | 2510.000 | 56.32 | -7.29 | 49.03 | 74.00 | -24.97 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH6, VERTICAL)

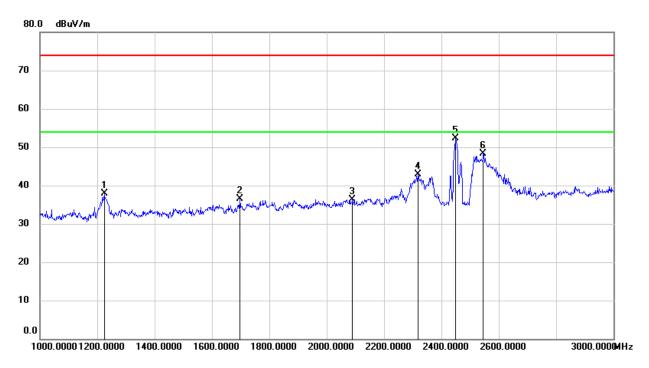


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1220.000 | 59.32 | -12.85 | 46.47 | 74.00 | -27.53 | peak |
| 2 | 1610.000 | 47.18 | -11.56 | 35.62 | 74.00 | -38.38 | peak |
| 3 | 2068.000 | 46.88 | -9.54 | 37.34 | 74.00 | -36.66 | peak |
| 4 | 2366.000 | 53.53 | -8.07 | 45.46 | 74.00 | -28.54 | peak |
| 5 | 2437.000 | 59.64 | -7.61 | 52.03 | / | / | fundamental |
| 6 | 2510.000 | 55.10 | -7.29 | 47.81 | 74.00 | -26.19 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH8, HORIZONTAL)

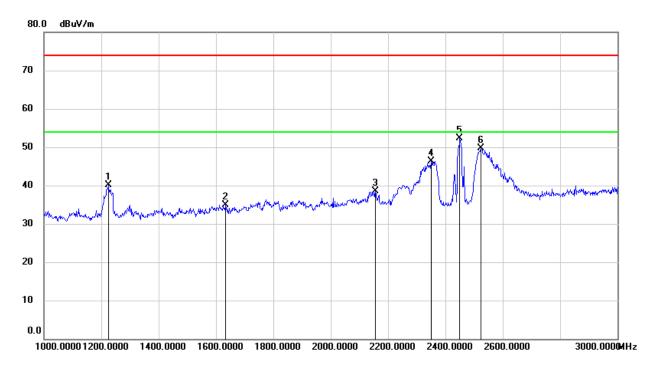


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1224.000 | 50.75 | -12.84 | 37.91 | 74.00 | -36.09 | peak |
| 2 | 1698.000 | 47.69 | -11.12 | 36.57 | 74.00 | -37.43 | peak |
| 3 | 2090.000 | 45.78 | -9.38 | 36.40 | 74.00 | -37.60 | peak |
| 4 | 2318.000 | 51.19 | -8.25 | 42.94 | 74.00 | -31.06 | peak |
| 5 | 2447.000 | 59.99 | -7.60 | 52.39 | / | / | fundamental |
| 6 | 2546.000 | 55.77 | -7.48 | 48.29 | 74.00 | -25.71 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH8, VERTICAL)

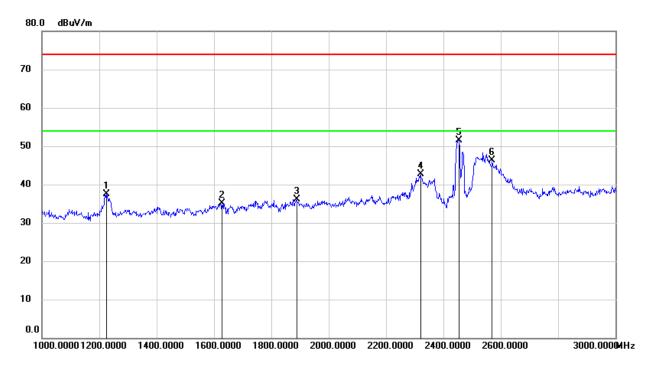


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1224.000 | 52.92 | -12.84 | 40.08 | 74.00 | -33.92 | peak |
| 2 | 1634.000 | 46.43 | -11.44 | 34.99 | 74.00 | -39.01 | peak |
| 3 | 2156.000 | 47.53 | -9.03 | 38.50 | 74.00 | -35.50 | peak |
| 4 | 2350.000 | 54.42 | -8.13 | 46.29 | 74.00 | -27.71 | peak |
| 5 | 2447.000 | 59.93 | -7.60 | 52.33 | / | / | fundamental |
| 6 | 2524.000 | 57.02 | -7.37 | 49.65 | 74.00 | -24.35 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH9, HORIZONTAL)

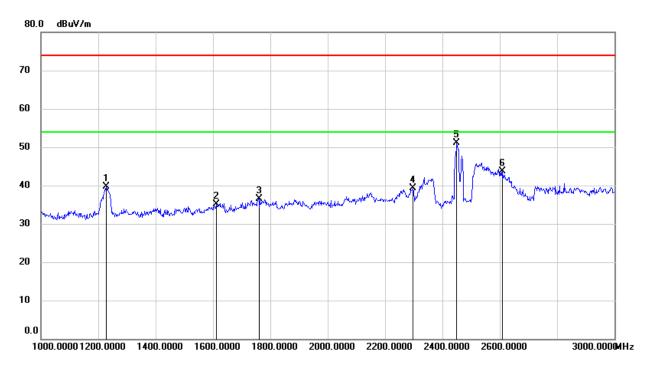


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1224.000 | 50.34 | -12.84 | 37.50 | 74.00 | -36.50 | peak |
| 2 | 1628.000 | 46.55 | -11.46 | 35.09 | 74.00 | -38.91 | peak |
| 3 | 1888.000 | 46.31 | -10.14 | 36.17 | 74.00 | -37.83 | peak |
| 4 | 2320.000 | 50.98 | -8.24 | 42.74 | 74.00 | -31.26 | peak |
| 5 | 2452.000 | 59.10 | -7.57 | 51.53 | / | / | fundamental |
| 6 | 2570.000 | 54.00 | -7.60 | 46.40 | 74.00 | -27.60 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (CH9, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|-------------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1228.000 | 52.46 | -12.82 | 39.64 | 74.00 | -34.36 | peak |
| 2 | 1612.000 | 46.67 | -11.54 | 35.13 | 74.00 | -38.87 | peak |
| 3 | 1760.000 | 47.09 | -10.51 | 36.58 | 74.00 | -37.42 | peak |
| 4 | 2298.000 | 47.61 | -8.31 | 39.30 | 74.00 | -34.70 | peak |
| 5 | 2452.000 | 58.71 | -7.60 | 51.11 | / | / | fundamental |
| 6 | 2610.000 | 51.31 | -7.69 | 43.62 | 74.00 | -30.38 | peak |

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.
- 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
 - 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

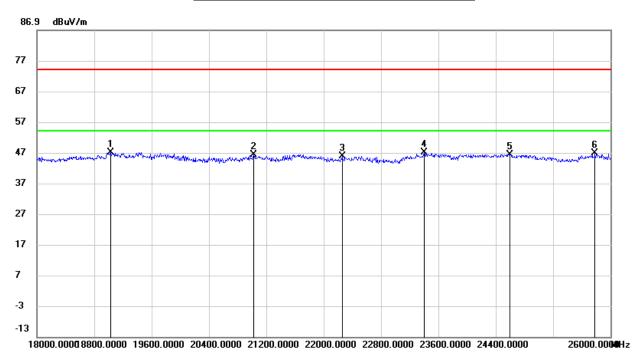


8.4. SPURIOUS EMISSIONS (18~26GHz)

8.4.1. 802.11n HT20 MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (CH6, HORIZONTAL)



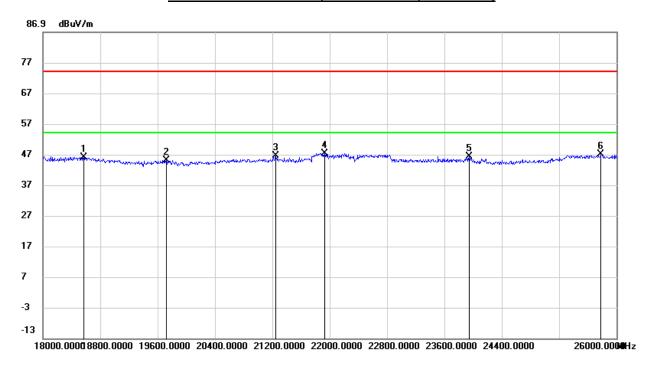
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 19024.000 | 51.99 | -4.91 | 47.08 | 74.00 | -26.92 | peak |
| 2 | 21024.000 | 51.62 | -5.30 | 46.32 | 74.00 | -27.68 | peak |
| 3 | 22256.000 | 51.95 | -6.06 | 45.89 | 74.00 | -28.11 | peak |
| 4 | 23400.000 | 51.92 | -4.96 | 46.96 | 74.00 | -27.04 | peak |
| 5 | 24592.000 | 48.74 | -2.36 | 46.38 | 74.00 | -27.62 | peak |
| 6 | 25784.000 | 48.23 | -1.49 | 46.74 | 74.00 | -27.26 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak: Peak detector.



SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 18568.000 | 50.53 | -4.51 | 46.02 | 74.00 | -27.98 | peak |
| 2 | 19720.000 | 49.50 | -4.39 | 45.11 | 74.00 | -28.89 | peak |
| 3 | 21248.000 | 51.98 | -5.51 | 46.47 | 74.00 | -27.53 | peak |
| 4 | 21928.000 | 53.43 | -6.11 | 47.32 | 74.00 | -26.68 | peak |
| 5 | 23944.000 | 50.45 | -4.14 | 46.31 | 74.00 | -27.69 | peak |
| 6 | 25784.000 | 48.58 | -1.49 | 47.09 | 74.00 | -26.91 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

Note: All test mode has been tested, only the worst data record in the report

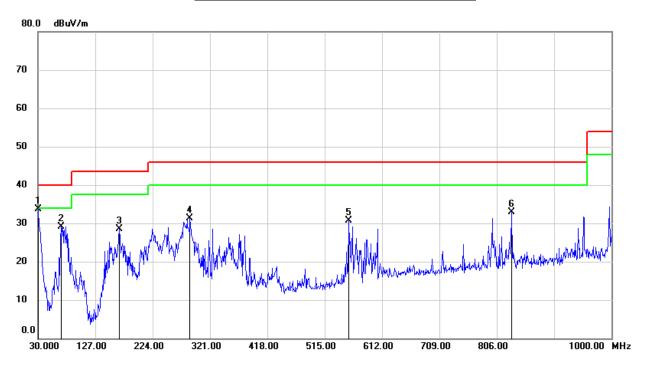


8.5. SPURIOUS EMISSIONS (0.03 ~ 1 GHz)

8.5.1. 802. 11n HT20 MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (CH6, HORIZONTAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 30.9700 | 50.85 | -17.14 | 33.71 | 40.00 | -6.29 | QP |
| 2 | 68.8000 | 49.24 | -20.08 | 29.16 | 40.00 | -10.84 | QP |
| 3 | 167.7400 | 45.58 | -17.14 | 28.44 | 43.50 | -15.06 | QP |
| 4 | 287.0500 | 45.74 | -14.53 | 31.21 | 46.00 | -14.79 | QP |
| 5 | 555.7400 | 39.99 | -9.37 | 30.62 | 46.00 | -15.38 | QP |
| 6 | 831.2199 | 37.76 | -4.85 | 32.91 | 46.00 | -13.09 | QP |

Note: 1. Result Level = Read Level + Correct Factor.

- 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 30.9700 | 50.15 | -17.14 | 33.01 | 40.00 | -6.99 | QP |
| 2 | 60.0700 | 51.59 | -19.46 | 32.13 | 40.00 | -7.87 | QP |
| 3 | 223.0300 | 50.59 | -17.18 | 33.41 | 46.00 | -12.59 | QP |
| 4 | 288.0200 | 52.16 | -14.50 | 37.66 | 46.00 | -8.34 | QP |
| 5 | 560.5900 | 42.98 | -9.29 | 33.69 | 46.00 | -12.31 | QP |
| 6 | 997.0900 | 40.66 | -2.90 | 37.76 | 54.00 | -16.24 | QP |

Note: 1. Result Level = Read Level + Correct Factor.

- 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

Note: All test mode has been tested, only the worst data record in the report.



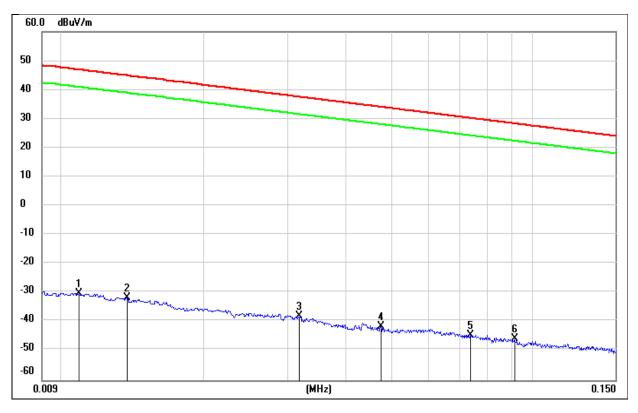
8.6. SPURIOUS EMISSIONS BELOW 30M

8.6.1. 802. 11n HT20 MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (MID CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

9kHz~ 150kHz



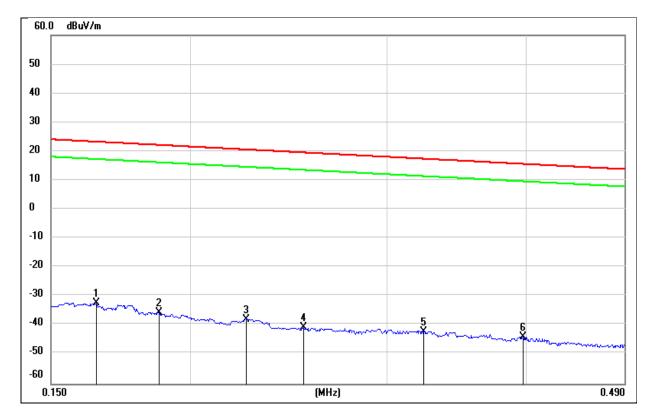
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 0.0108 | 71.28 | -101.39 | -30.11 | 46.93 | -77.04 | peak |
| 2 | 0.0137 | 69.72 | -101.38 | -31.66 | 44.87 | -76.53 | peak |
| 3 | 0.0318 | 63.34 | -101.40 | -38.06 | 37.55 | -75.61 | peak |
| 4 | 0.0475 | 59.94 | -101.47 | -41.53 | 34.07 | -75.60 | peak |
| 5 | 0.0737 | 57.05 | -101.58 | -44.53 | 30.25 | -74.78 | peak |
| 6 | 0.0913 | 55.84 | -101.73 | -45.89 | 28.39 | -74.28 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.



150kHz ~ 0.49MHz



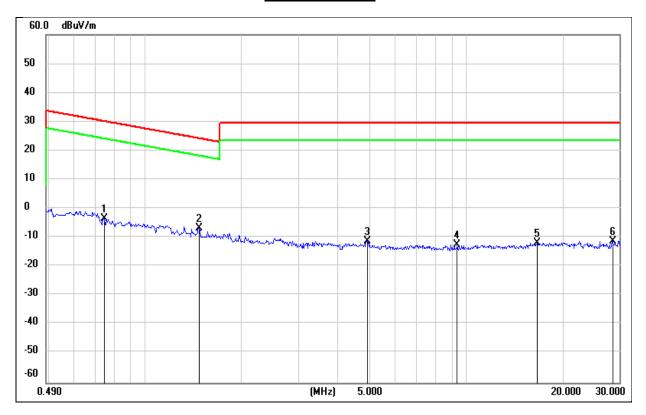
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 0.1647 | 69.26 | -101.66 | -32.40 | 23.27 | -55.67 | peak |
| 2 | 0.1874 | 66.15 | -101.70 | -35.55 | 22.15 | -57.70 | peak |
| 3 | 0.2247 | 63.88 | -101.75 | -37.87 | 20.57 | -58.44 | peak |
| 4 | 0.2530 | 61.09 | -101.80 | -40.71 | 19.54 | -60.25 | peak |
| 5 | 0.3243 | 59.80 | -101.88 | -42.08 | 17.38 | -59.46 | peak |
| 6 | 0.3975 | 58.00 | -101.96 | -43.96 | 15.61 | -59.57 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.



0.49MHz ~ 30MHz



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 0.7455 | 58.66 | -62.11 | -3.45 | 30.15 | -33.60 | peak |
| 2 | 1.4700 | 55.39 | -62.05 | -6.66 | 24.26 | -30.92 | peak |
| 3 | 4.9165 | 50.38 | -61.48 | -11.10 | 29.54 | -40.64 | peak |
| 4 | 9.3725 | 48.38 | -60.89 | -12.51 | 29.54 | -42.05 | peak |
| 5 | 16.7205 | 49.04 | -60.95 | -11.91 | 29.54 | -41.45 | peak |
| 6 | 28.6128 | 48.87 | -60.10 | -11.23 | 29.54 | -40.77 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

Note: All test mode has been tested, only the worst data record in the report.



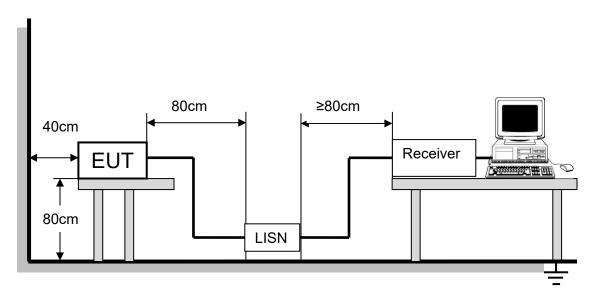
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

| FREQUENCY (MHz) | Quasi-peak | Average | | |
|-----------------|------------|-----------|--|--|
| 0.15 -0.5 | 66 - 56 * | 56 - 46 * | | |
| 0.50 -5.0 | 56.00 | 46.00 | | |
| 5.0 -30.0 | 60.00 | 50.00 | | |

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST ENVIRONMENT

| Temperature | 24.7°C | Relative Humidity | 51% |
|---------------------|--------|-------------------|--------------|
| Atmosphere Pressure | 101kPa | Test Voltage | AC 120V_60Hz |

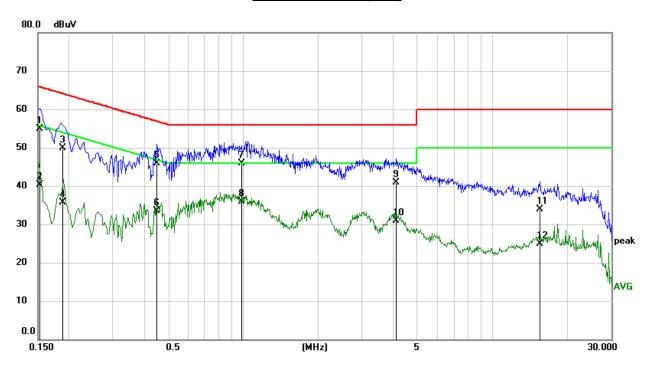


TEST RESULTS

9.1. 802. 11n HT20 MIMO MODE

2TX MODE (WORST-CASE CONFIGURATION)

LINE N RESULTS (CH6)



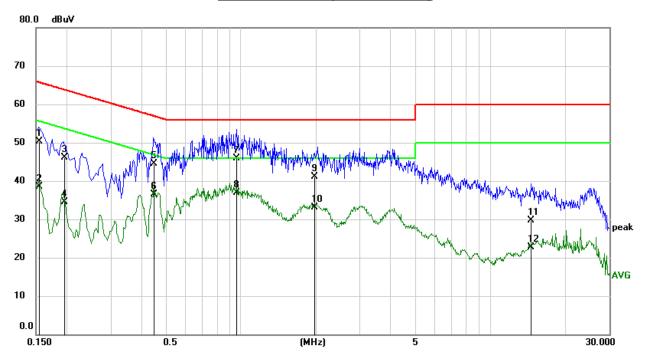
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | (dB) | (dBuV) | (dBuV) | (dB) | |
| 1 | 0.1524 | 45.27 | 9.60 | 54.87 | 65.87 | -11.00 | QP |
| 2 | 0.1524 | 30.79 | 9.60 | 40.39 | 55.87 | -15.48 | AVG |
| 3 | 0.1896 | 40.25 | 9.60 | 49.85 | 64.05 | -14.20 | QP |
| 4 | 0.1896 | 26.15 | 9.60 | 35.75 | 54.05 | -18.30 | AVG |
| 5 | 0.4512 | 36.26 | 9.60 | 45.86 | 56.85 | -10.99 | QP |
| 6 | 0.4512 | 23.89 | 9.60 | 33.49 | 46.85 | -13.36 | AVG |
| 7 | 0.9841 | 36.23 | 9.61 | 45.84 | 56.00 | -10.16 | QP |
| 8 | 0.9841 | 26.26 | 9.61 | 35.87 | 46.00 | -10.13 | AVG |
| 9 | 4.1179 | 31.31 | 9.66 | 40.97 | 56.00 | -15.03 | QP |
| 10 | 4.1179 | 21.18 | 9.66 | 30.84 | 46.00 | -15.16 | AVG |
| 11 | 15.5264 | 23.89 | 9.93 | 33.82 | 60.00 | -26.18 | QP |
| 12 | 15.5264 | 15.07 | 9.93 | 25.00 | 50.00 | -25.00 | AVG |

Note: 1. Result = Reading +Correct Factor.

- 2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 200 Hz (9 kHz-150 kHz), 9 kHz (150 kHz-30 MHz).
- 4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.



LINE L RESULTS (MID CHANNEL)



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|--------|--------|--------|--------|
| | (MHz) | (dBuV) | (dB) | (dBuV) | (dBuV) | (dB) | |
| 1 | 0.1549 | 40.62 | 9.61 | 50.23 | 65.73 | -15.50 | QP |
| 2 | 0.1549 | 28.83 | 9.61 | 38.44 | 55.73 | -17.29 | AVG |
| 3 | 0.1961 | 36.47 | 9.60 | 46.07 | 63.77 | -17.70 | QP |
| 4 | 0.1961 | 24.90 | 9.60 | 34.50 | 53.77 | -19.27 | AVG |
| 5 | 0.4488 | 34.91 | 9.60 | 44.51 | 56.90 | -12.39 | QP |
| 6 | 0.4488 | 26.90 | 9.60 | 36.50 | 46.90 | -10.40 | AVG |
| 7 | 0.9609 | 36.24 | 9.61 | 45.85 | 56.00 | -10.15 | QP |
| 8 | 0.9609 | 27.28 | 9.61 | 36.89 | 46.00 | -9.11 | AVG |
| 9 | 1.9764 | 31.48 | 9.62 | 41.10 | 56.00 | -14.90 | QP |
| 10 | 1.9764 | 23.56 | 9.62 | 33.18 | 46.00 | -12.82 | AVG |
| 11 | 14.5799 | 19.80 | 9.84 | 29.64 | 60.00 | -30.36 | QP |
| 12 | 14.5799 | 12.87 | 9.84 | 22.71 | 50.00 | -27.29 | AVG |

Note: 1. Result = Reading +Correct Factor.

- 2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 200 Hz (9 kHz-150 kHz), 9 kHz (150 kHz-30 MHz).
- 4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Note: All test mode has been tested, only the worst data record in the report



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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.

RESULTS

Complies

END OF REPORT