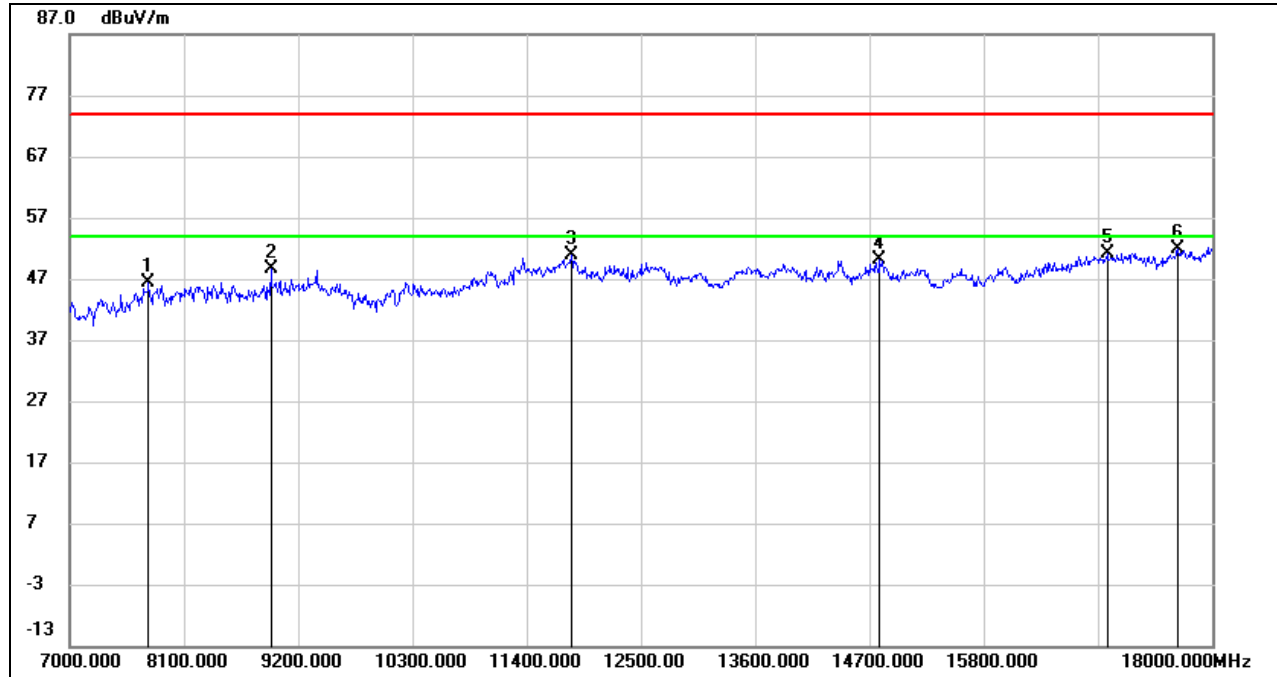


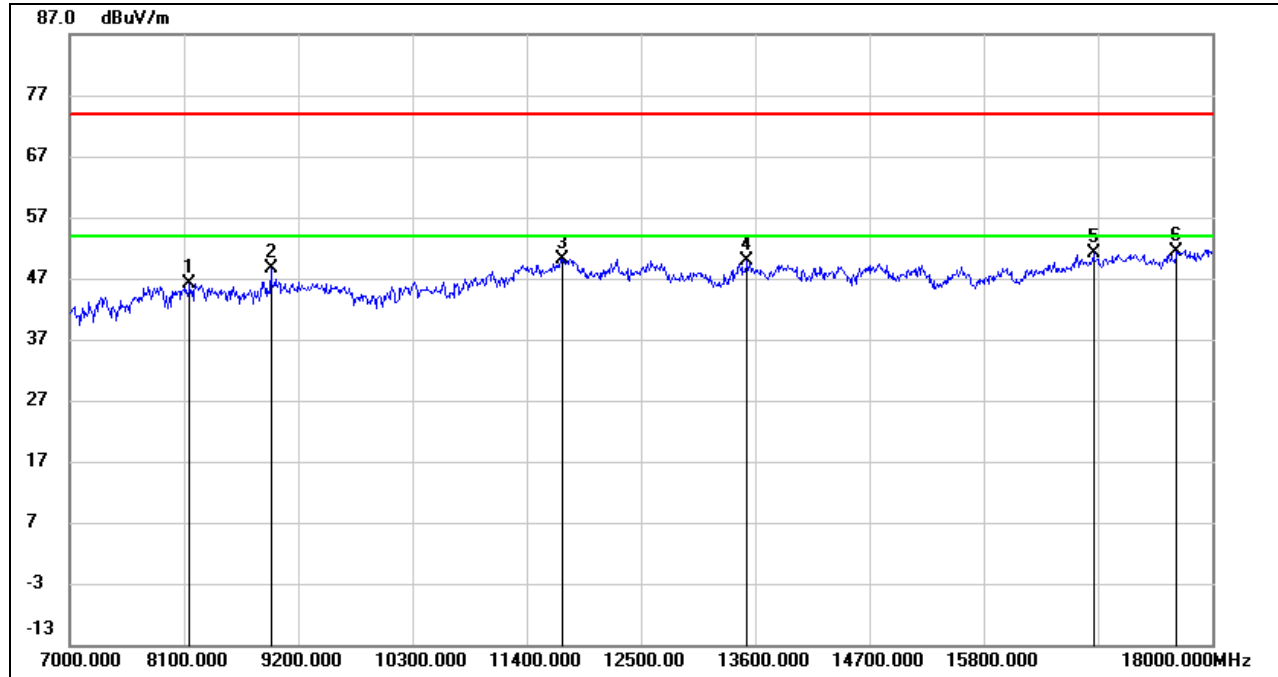
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7759.000 | 38.22 | 8.09 | 46.31 | 74.00 | -27.69 | peak |
| 2 | 8936.000 | 38.60 | 9.96 | 48.56 | 74.00 | -25.44 | peak |
| 3 | 11829.000 | 35.19 | 15.57 | 50.76 | 74.00 | -23.24 | peak |
| 4 | 14799.000 | 33.41 | 16.80 | 50.21 | 74.00 | -23.79 | peak |
| 5 | 16988.000 | 30.99 | 20.20 | 51.19 | 74.00 | -22.81 | peak |
| 6 | 17670.000 | 30.24 | 21.70 | 51.94 | 74.00 | -22.06 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

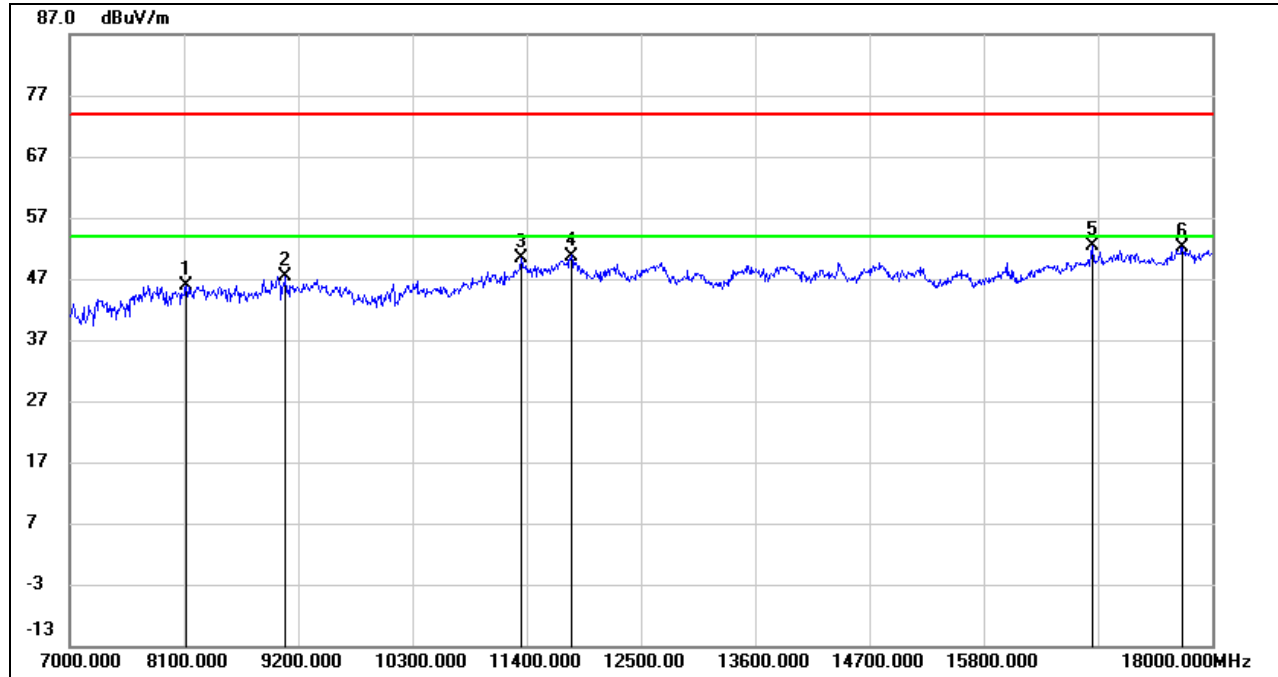
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8155.000 | 37.16 | 8.98 | 46.14 | 74.00 | -27.86 | peak |
| 2 | 8936.000 | 38.61 | 9.96 | 48.57 | 74.00 | -25.43 | peak |
| 3 | 11741.000 | 34.81 | 15.28 | 50.09 | 74.00 | -23.91 | peak |
| 4 | 13523.000 | 33.48 | 16.42 | 49.90 | 74.00 | -24.10 | peak |
| 5 | 16856.000 | 31.33 | 19.87 | 51.20 | 74.00 | -22.80 | peak |
| 6 | 17659.000 | 29.83 | 21.63 | 51.46 | 74.00 | -22.54 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

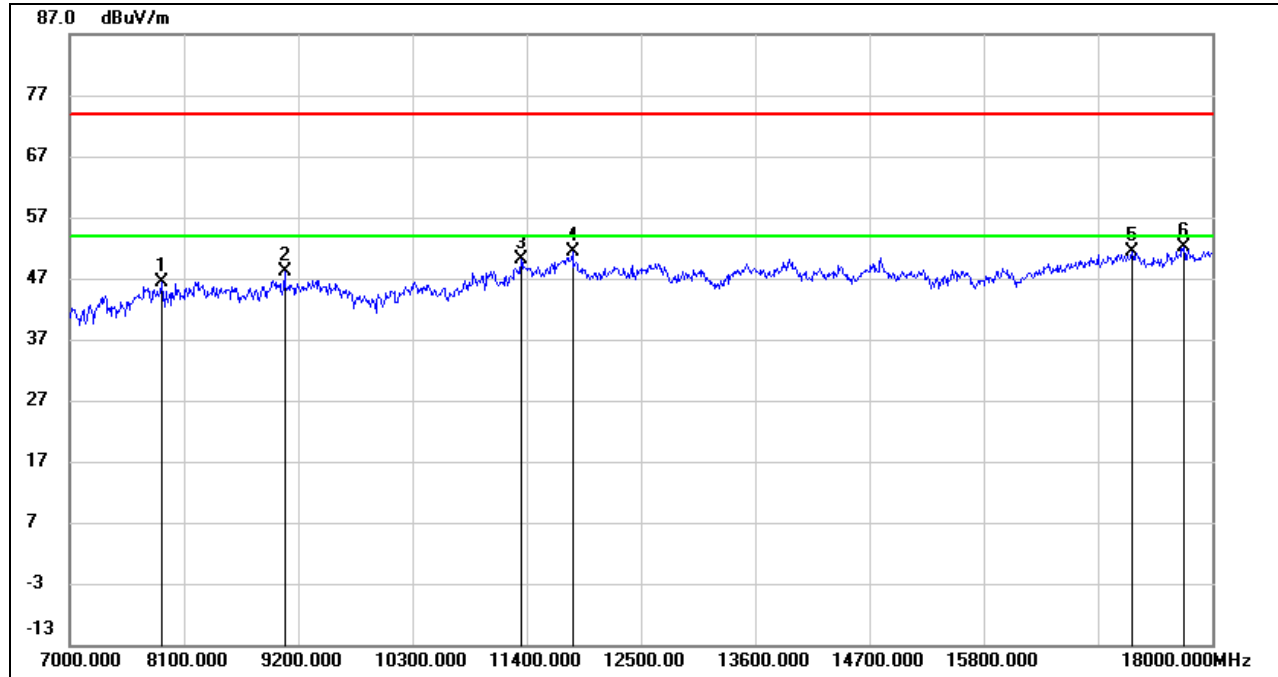


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8122.000 | 37.18 | 8.70 | 45.88 | 74.00 | -28.12 | peak |
| 2 | 9079.000 | 37.33 | 10.10 | 47.43 | 74.00 | -26.57 | peak |
| 3 | 11345.000 | 36.25 | 14.06 | 50.31 | 74.00 | -23.69 | peak |
| 4 | 11829.000 | 35.18 | 15.57 | 50.75 | 74.00 | -23.25 | peak |
| 5 | 16845.000 | 32.42 | 19.85 | 52.27 | 74.00 | -21.73 | peak |
| 6 | 17714.000 | 30.10 | 22.04 | 52.14 | 74.00 | -21.86 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

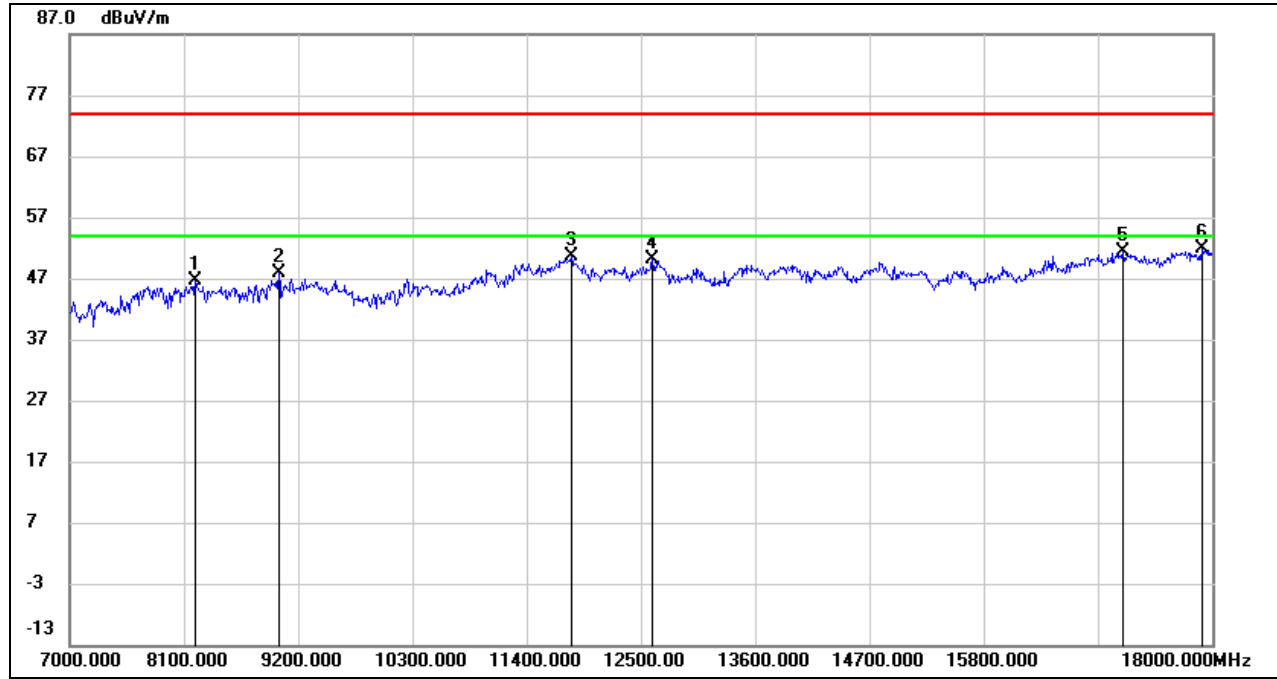


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7880.000 | 38.47 | 8.01 | 46.48 | 74.00 | -27.52 | peak |
| 2 | 9068.000 | 37.98 | 10.17 | 48.15 | 74.00 | -25.85 | peak |
| 3 | 11345.000 | 36.04 | 14.06 | 50.10 | 74.00 | -23.90 | peak |
| 4 | 11840.000 | 35.89 | 15.56 | 51.45 | 74.00 | -22.55 | peak |
| 5 | 17230.000 | 30.33 | 20.99 | 51.32 | 74.00 | -22.68 | peak |
| 6 | 17725.000 | 29.90 | 22.13 | 52.03 | 74.00 | -21.97 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

STRADDLE CHANNEL 142

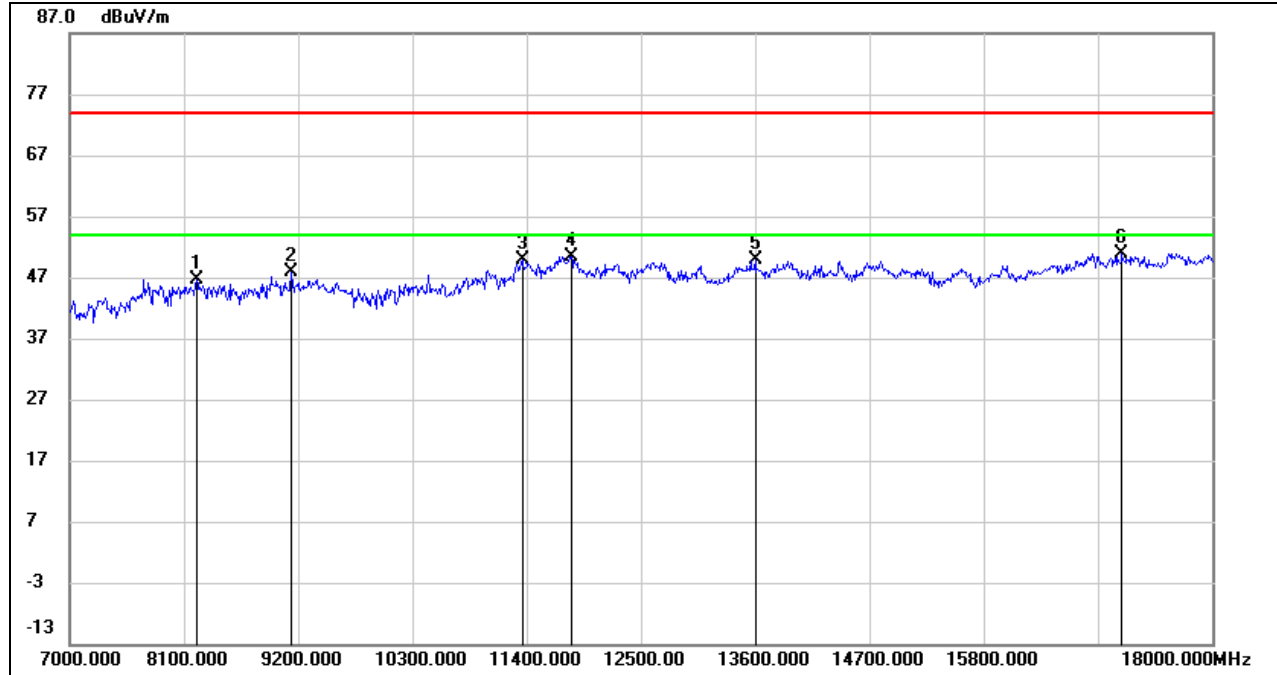
HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8210.000 | 37.32 | 9.32 | 46.64 | 74.00 | -27.36 | peak |
| 2 | 9013.000 | 37.41 | 10.54 | 47.95 | 74.00 | -26.05 | peak |
| 3 | 11829.000 | 35.10 | 15.57 | 50.67 | 74.00 | -23.33 | peak |
| 4 | 12610.000 | 34.81 | 15.30 | 50.11 | 74.00 | -23.89 | peak |
| 5 | 17142.000 | 30.55 | 20.80 | 51.35 | 74.00 | -22.65 | peak |
| 6 | 17901.000 | 29.20 | 22.69 | 51.89 | 74.00 | -22.11 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)

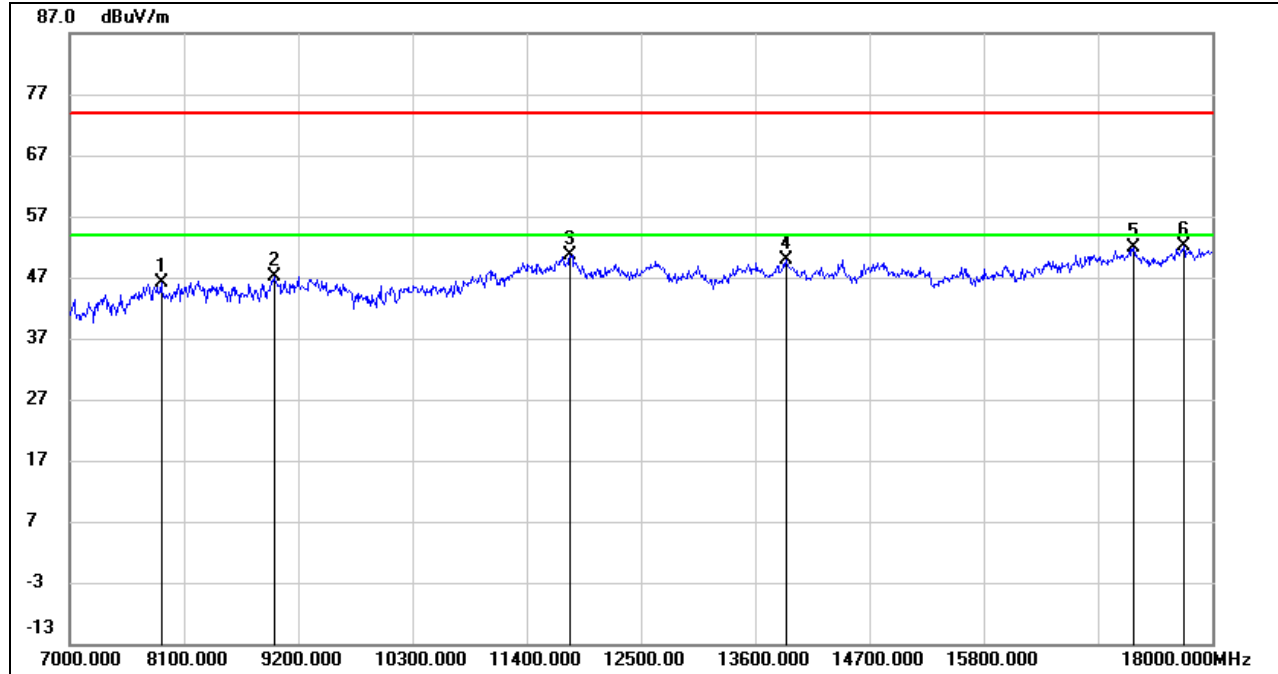


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8221.000 | 37.33 | 9.28 | 46.61 | 74.00 | -27.39 | peak |
| 2 | 9134.000 | 38.26 | 9.73 | 47.99 | 74.00 | -26.01 | peak |
| 3 | 11356.000 | 35.70 | 14.09 | 49.79 | 74.00 | -24.21 | peak |
| 4 | 11829.000 | 34.84 | 15.57 | 50.41 | 74.00 | -23.59 | peak |
| 5 | 13600.000 | 33.48 | 16.43 | 49.91 | 74.00 | -24.09 | peak |
| 6 | 17131.000 | 30.21 | 20.76 | 50.97 | 74.00 | -23.03 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

UNII-3 BAND

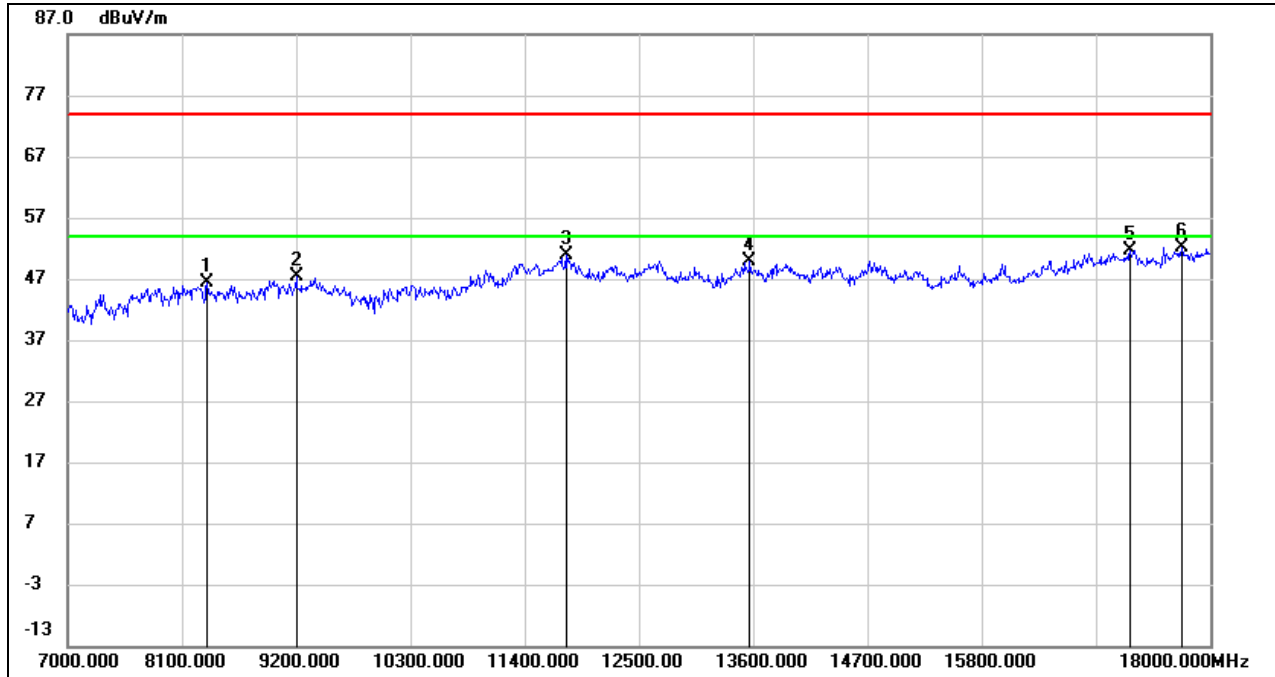
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7880.000 | 38.15 | 8.01 | 46.16 | 74.00 | -27.84 | peak |
| 2 | 8969.000 | 36.78 | 10.31 | 47.09 | 74.00 | -26.91 | peak |
| 3 | 11818.000 | 35.02 | 15.58 | 50.60 | 74.00 | -23.40 | peak |
| 4 | 13897.000 | 32.91 | 16.90 | 49.81 | 74.00 | -24.19 | peak |
| 5 | 17241.000 | 30.84 | 20.97 | 51.81 | 74.00 | -22.19 | peak |
| 6 | 17725.000 | 29.97 | 22.13 | 52.10 | 74.00 | -21.90 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

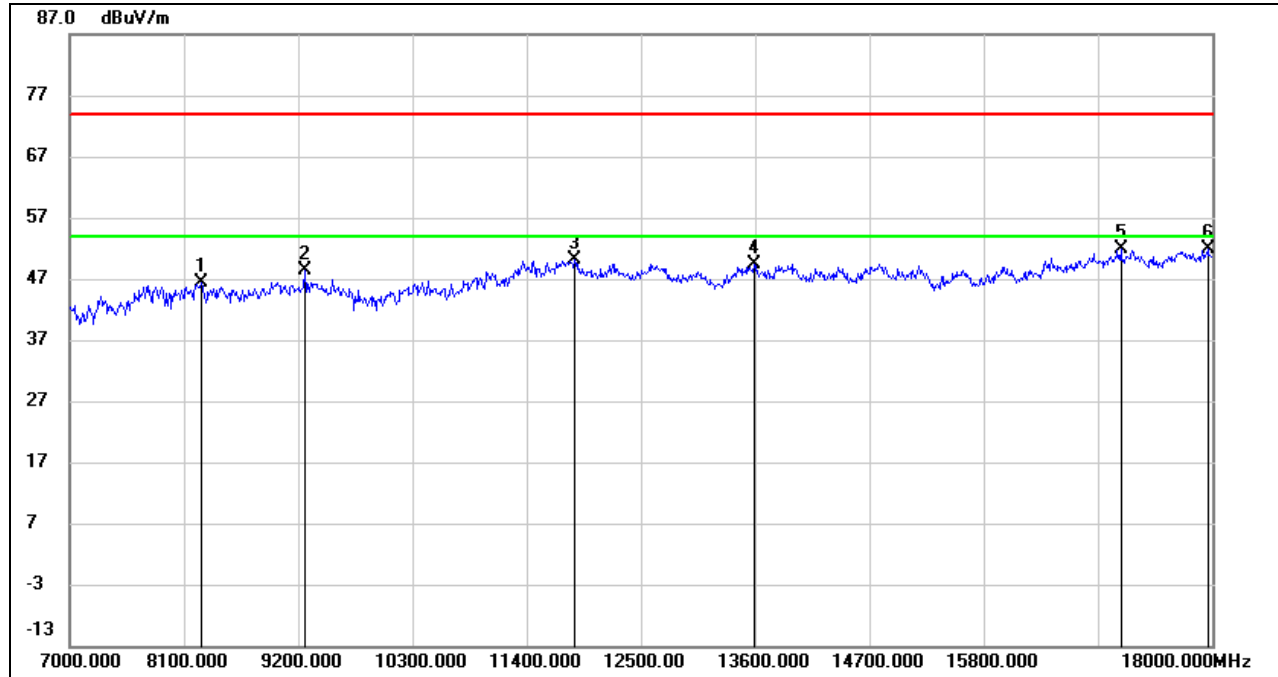
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8342.000 | 37.64 | 8.81 | 46.45 | 74.00 | -27.55 | peak |
| 2 | 9200.000 | 38.21 | 9.29 | 47.50 | 74.00 | -26.50 | peak |
| 3 | 11796.000 | 35.17 | 15.59 | 50.76 | 74.00 | -23.24 | peak |
| 4 | 13567.000 | 33.37 | 16.42 | 49.79 | 74.00 | -24.21 | peak |
| 5 | 17230.000 | 30.66 | 20.99 | 51.65 | 74.00 | -22.35 | peak |
| 6 | 17725.000 | 30.11 | 22.13 | 52.24 | 74.00 | -21.76 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

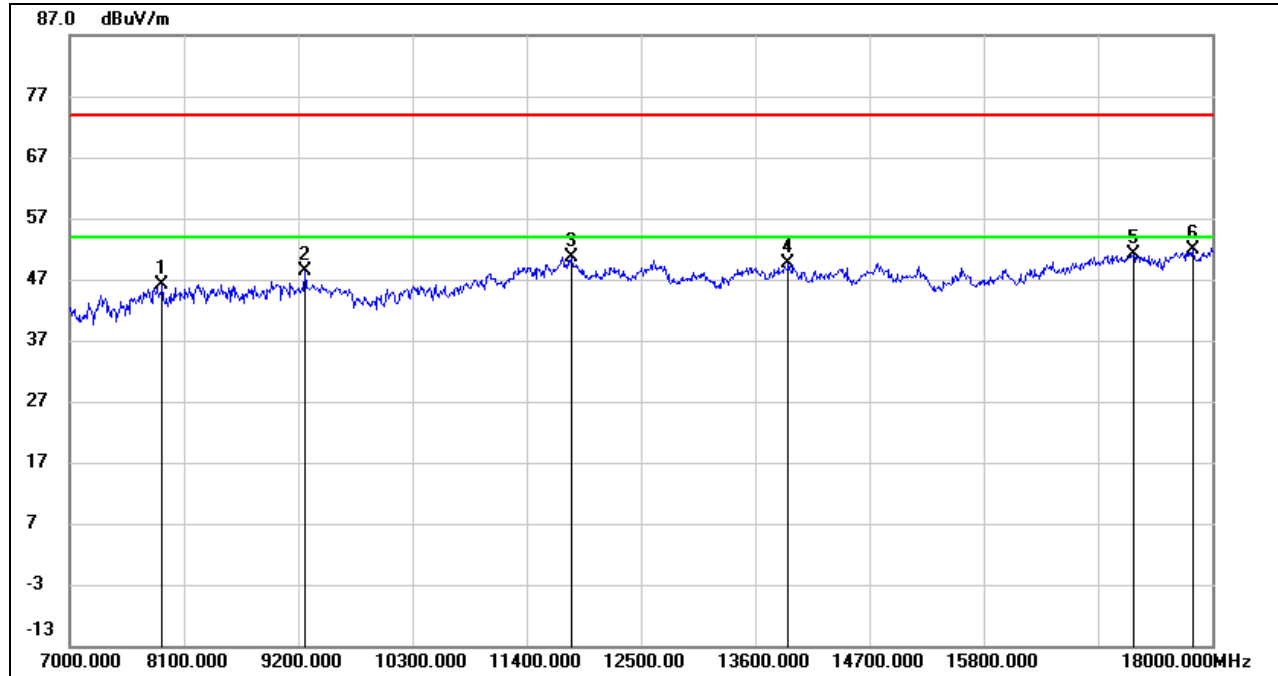
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8265.000 | 37.25 | 9.11 | 46.36 | 74.00 | -27.64 | peak |
| 2 | 9266.000 | 38.73 | 9.62 | 48.35 | 74.00 | -25.65 | peak |
| 3 | 11862.000 | 34.51 | 15.52 | 50.03 | 74.00 | -23.97 | peak |
| 4 | 13589.000 | 32.99 | 16.42 | 49.41 | 74.00 | -24.59 | peak |
| 5 | 17120.000 | 31.21 | 20.72 | 51.93 | 74.00 | -22.07 | peak |
| 6 | 17956.000 | 29.31 | 22.68 | 51.99 | 74.00 | -22.01 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



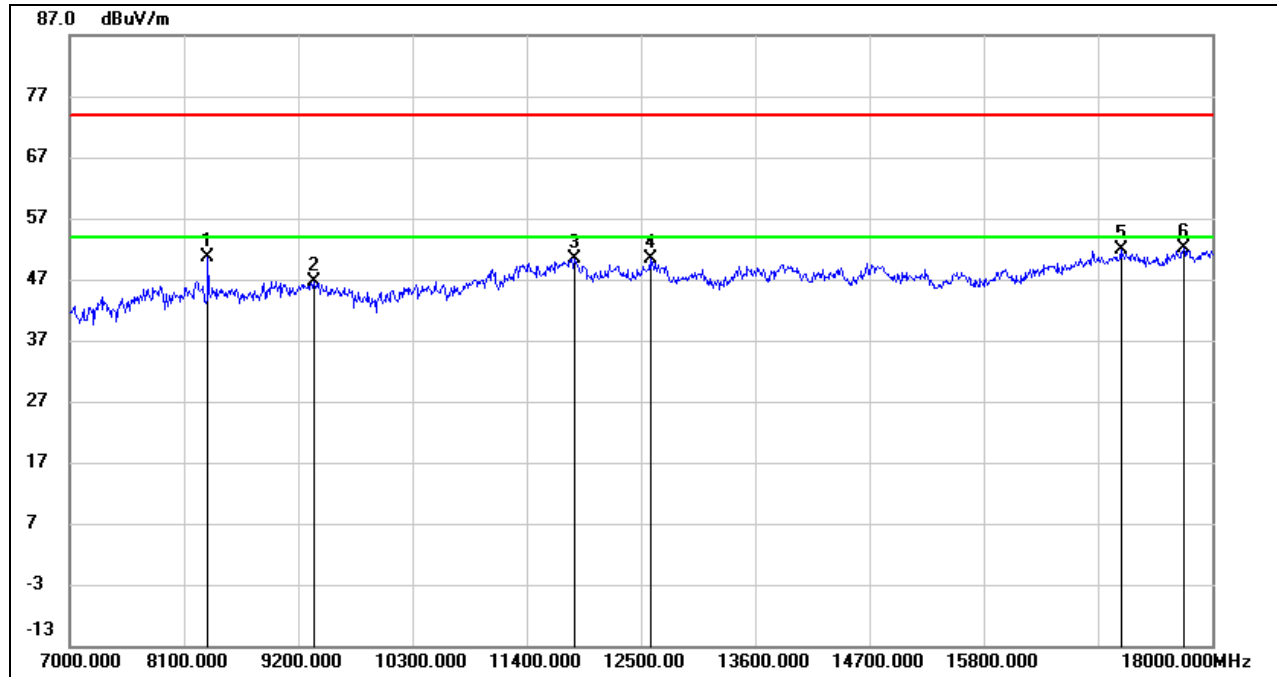
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7891.000 | 38.15 | 7.98 | 46.13 | 74.00 | -27.87 | peak |
| 2 | 9266.000 | 38.68 | 9.62 | 48.30 | 74.00 | -25.70 | peak |
| 3 | 11829.000 | 35.15 | 15.57 | 50.72 | 74.00 | -23.28 | peak |
| 4 | 13919.000 | 32.73 | 16.89 | 49.62 | 74.00 | -24.38 | peak |
| 5 | 17241.000 | 30.08 | 20.97 | 51.05 | 74.00 | -22.95 | peak |
| 6 | 17813.000 | 29.08 | 22.72 | 51.80 | 74.00 | -22.20 | 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.
 4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
 5. For the transmitting 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 High Pass Filter losses.
 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.4. 802.11ac VHT80 MIMO MODE

UNII-1 BAND

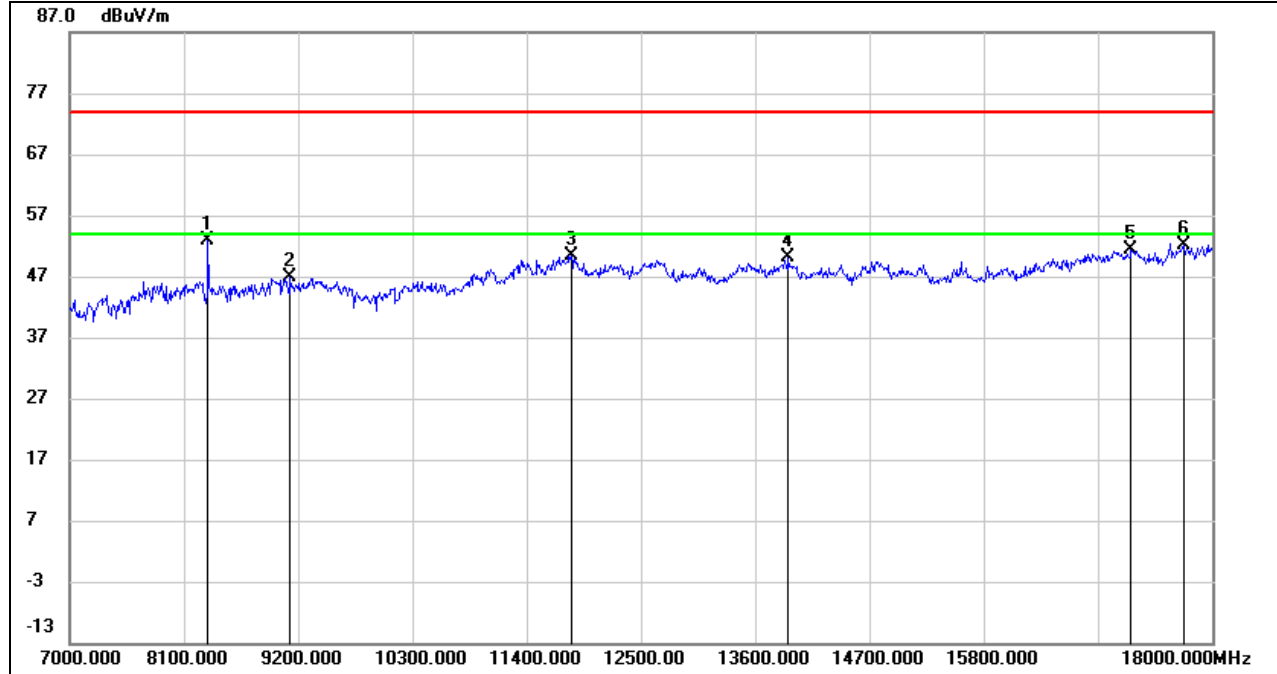
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8331.000 | 41.80 | 8.85 | 50.65 | 74.00 | -23.35 | peak |
| 2 | 9354.000 | 36.49 | 10.07 | 46.56 | 74.00 | -27.44 | peak |
| 3 | 11862.000 | 34.92 | 15.52 | 50.44 | 74.00 | -23.56 | peak |
| 4 | 12588.000 | 35.08 | 15.29 | 50.37 | 74.00 | -23.63 | peak |
| 5 | 17120.000 | 31.12 | 20.72 | 51.84 | 74.00 | -22.16 | peak |
| 6 | 17725.000 | 29.88 | 22.13 | 52.01 | 74.00 | -21.99 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

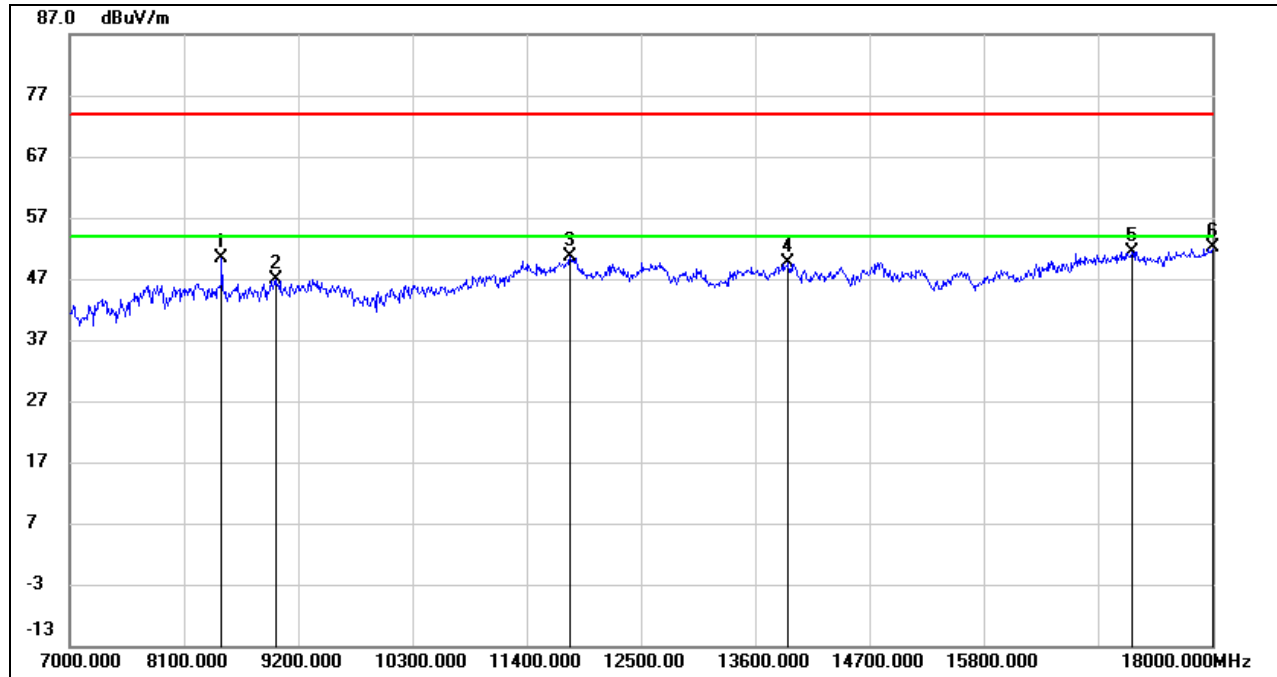


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8331.000 | 44.07 | 8.85 | 52.92 | 74.00 | -21.08 | peak |
| 2 | 9123.000 | 37.16 | 9.81 | 46.97 | 74.00 | -27.03 | peak |
| 3 | 11829.000 | 34.89 | 15.57 | 50.46 | 74.00 | -23.54 | peak |
| 4 | 13919.000 | 33.12 | 16.89 | 50.01 | 74.00 | -23.99 | peak |
| 5 | 17219.000 | 30.47 | 21.01 | 51.48 | 74.00 | -22.52 | peak |
| 6 | 17725.000 | 30.00 | 22.13 | 52.13 | 74.00 | -21.87 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

UNII-2A BAND

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

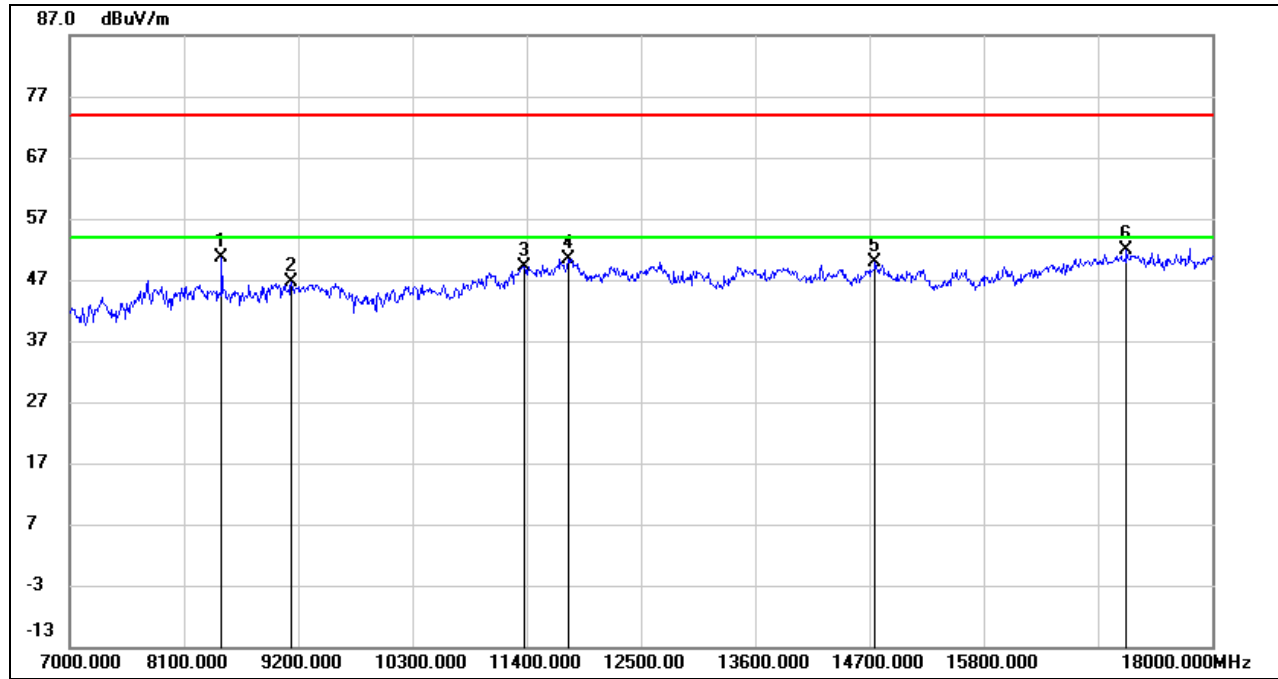


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8463.000 | 41.74 | 8.55 | 50.29 | 74.00 | -23.71 | peak |
| 2 | 8980.000 | 36.46 | 10.41 | 46.87 | 74.00 | -27.13 | peak |
| 3 | 11818.000 | 35.04 | 15.58 | 50.62 | 74.00 | -23.38 | peak |
| 4 | 13919.000 | 32.69 | 16.89 | 49.58 | 74.00 | -24.42 | peak |
| 5 | 17230.000 | 30.42 | 20.99 | 51.41 | 74.00 | -22.59 | peak |
| 6 | 18000.000 | 29.51 | 22.67 | 52.18 | 74.00 | -21.82 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



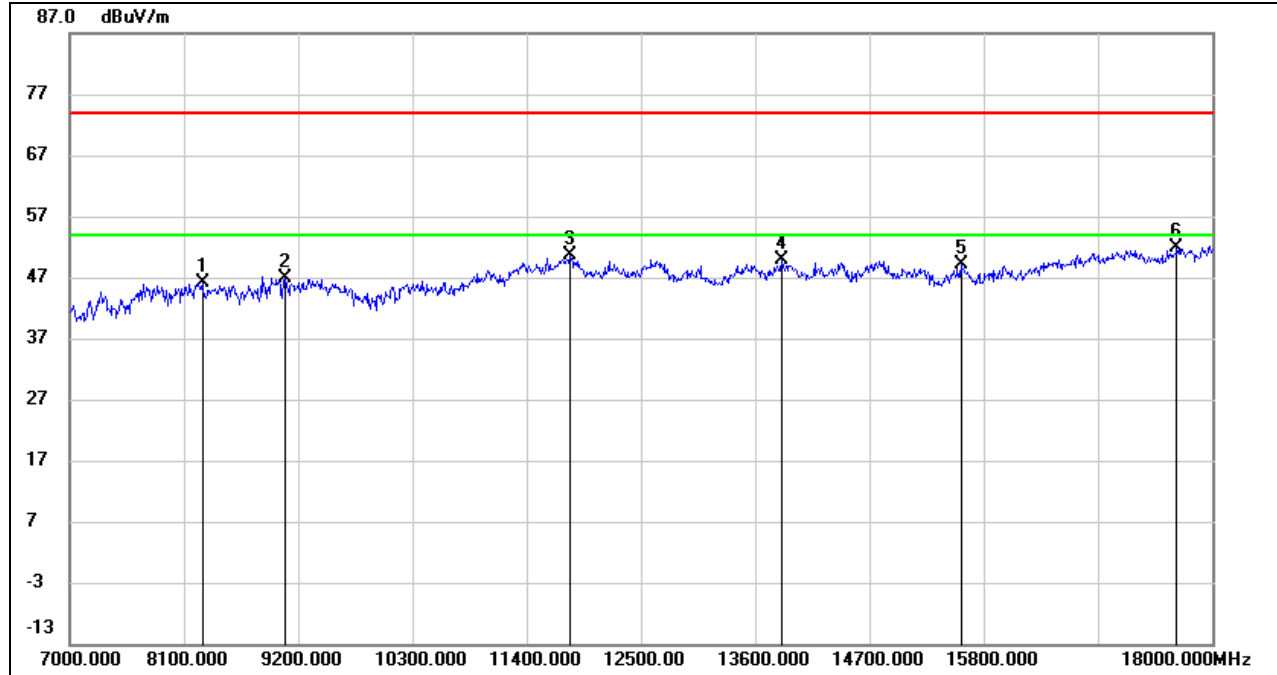
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8463.000 | 42.15 | 8.55 | 50.70 | 74.00 | -23.30 | peak |
| 2 | 9134.000 | 36.99 | 9.73 | 46.72 | 74.00 | -27.28 | peak |
| 3 | 11378.000 | 35.04 | 14.15 | 49.19 | 74.00 | -24.81 | peak |
| 4 | 11796.000 | 34.82 | 15.59 | 50.41 | 74.00 | -23.59 | peak |
| 5 | 14755.000 | 33.09 | 16.72 | 49.81 | 74.00 | -24.19 | peak |
| 6 | 17175.000 | 30.88 | 20.94 | 51.82 | 74.00 | -22.18 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



UNII-2C BAND

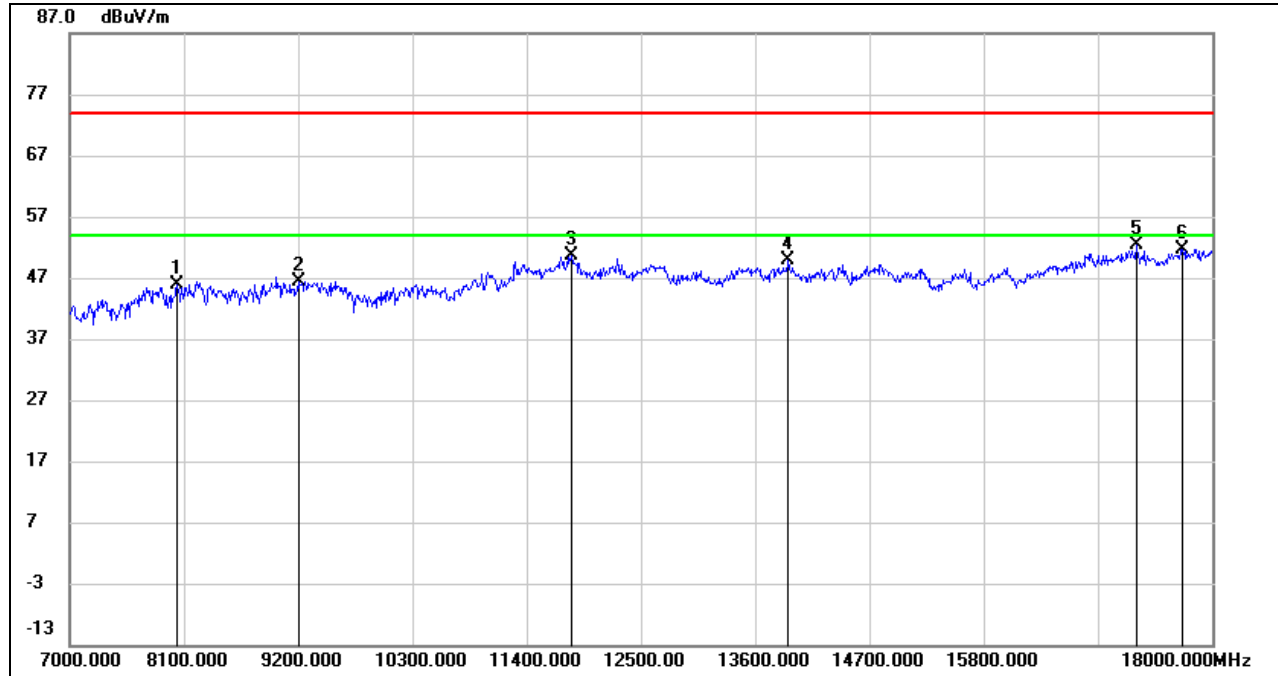
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8276.000 | 37.04 | 9.06 | 46.10 | 74.00 | -27.90 | peak |
| 2 | 9079.000 | 36.84 | 10.10 | 46.94 | 74.00 | -27.06 | peak |
| 3 | 11818.000 | 34.94 | 15.58 | 50.52 | 74.00 | -23.48 | peak |
| 4 | 13853.000 | 32.97 | 16.93 | 49.90 | 74.00 | -24.10 | peak |
| 5 | 15580.000 | 32.42 | 16.65 | 49.07 | 74.00 | -24.93 | peak |
| 6 | 17659.000 | 30.19 | 21.63 | 51.82 | 74.00 | -22.18 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

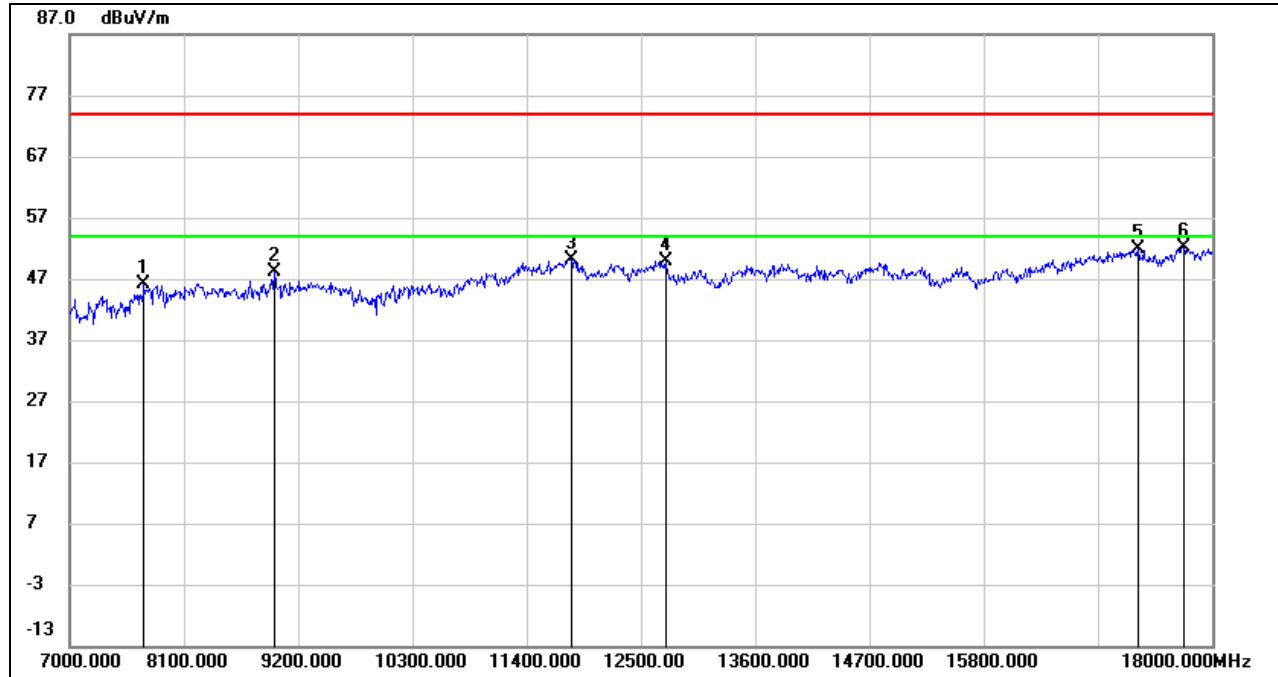
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8034.000 | 37.97 | 7.95 | 45.92 | 74.00 | -28.08 | peak |
| 2 | 9200.000 | 37.09 | 9.29 | 46.38 | 74.00 | -27.62 | peak |
| 3 | 11829.000 | 35.01 | 15.57 | 50.58 | 74.00 | -23.42 | peak |
| 4 | 13919.000 | 32.92 | 16.89 | 49.81 | 74.00 | -24.19 | peak |
| 5 | 17274.000 | 31.35 | 20.93 | 52.28 | 74.00 | -21.72 | peak |
| 6 | 17714.000 | 29.67 | 22.04 | 51.71 | 74.00 | -22.29 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

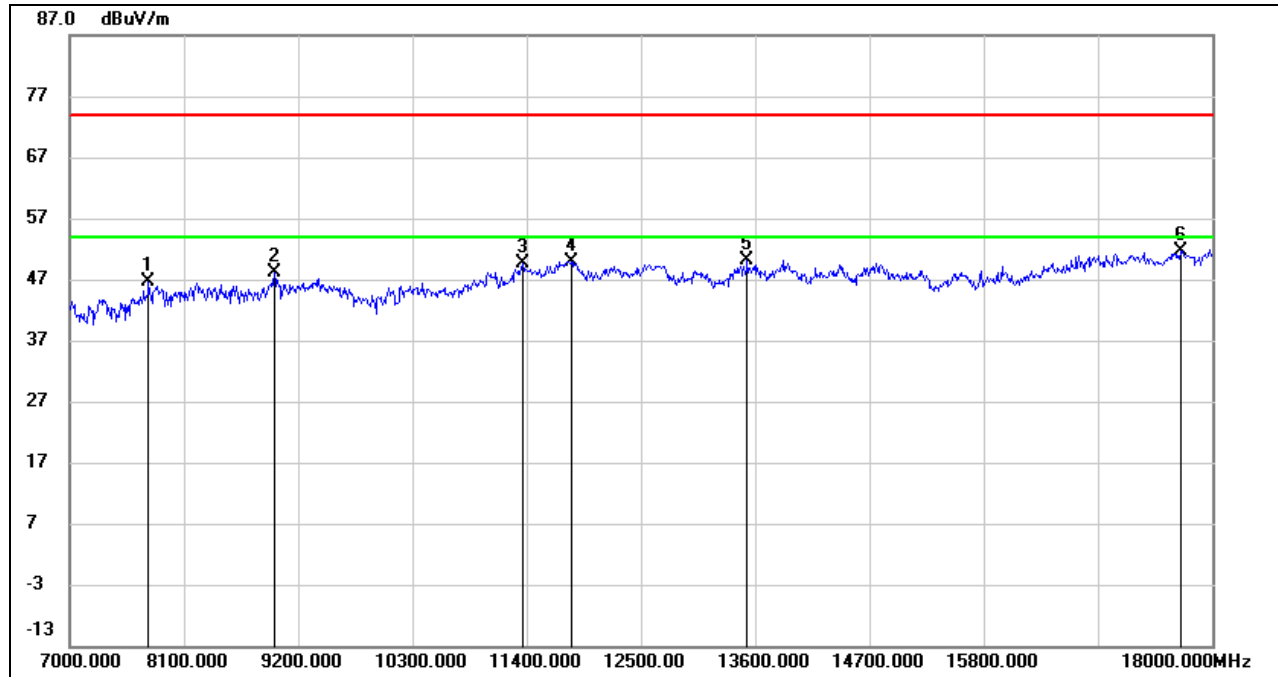
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7715.000 | 38.24 | 7.92 | 46.16 | 74.00 | -27.84 | peak |
| 2 | 8969.000 | 37.94 | 10.31 | 48.25 | 74.00 | -25.75 | peak |
| 3 | 11829.000 | 34.64 | 15.57 | 50.21 | 74.00 | -23.79 | peak |
| 4 | 12742.000 | 34.32 | 15.54 | 49.86 | 74.00 | -24.14 | peak |
| 5 | 17285.000 | 31.04 | 20.92 | 51.96 | 74.00 | -22.04 | peak |
| 6 | 17725.000 | 30.12 | 22.13 | 52.25 | 74.00 | -21.75 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

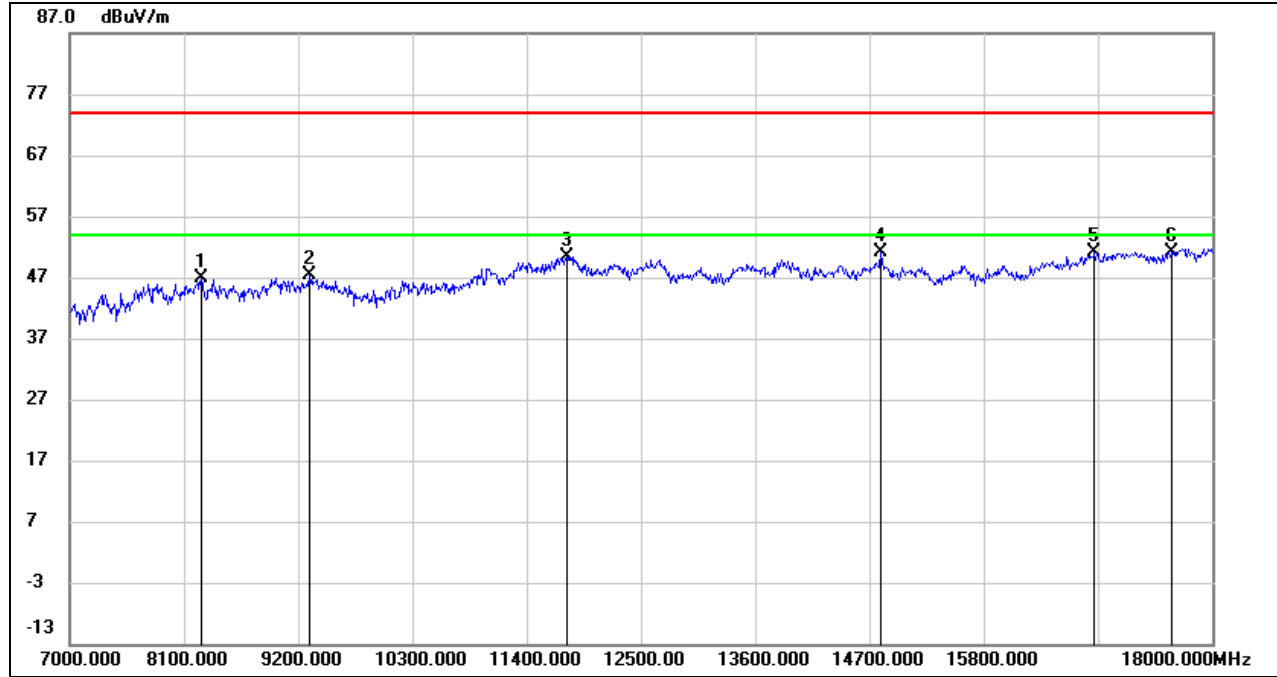


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7759.000 | 38.45 | 8.09 | 46.54 | 74.00 | -27.46 | peak |
| 2 | 8969.000 | 37.78 | 10.31 | 48.09 | 74.00 | -25.91 | peak |
| 3 | 11367.000 | 35.47 | 14.11 | 49.58 | 74.00 | -24.42 | peak |
| 4 | 11829.000 | 34.36 | 15.57 | 49.93 | 74.00 | -24.07 | peak |
| 5 | 13523.000 | 33.75 | 16.42 | 50.17 | 74.00 | -23.83 | peak |
| 6 | 17692.000 | 29.77 | 21.87 | 51.64 | 74.00 | -22.36 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

STRADDLE CHANNEL 138

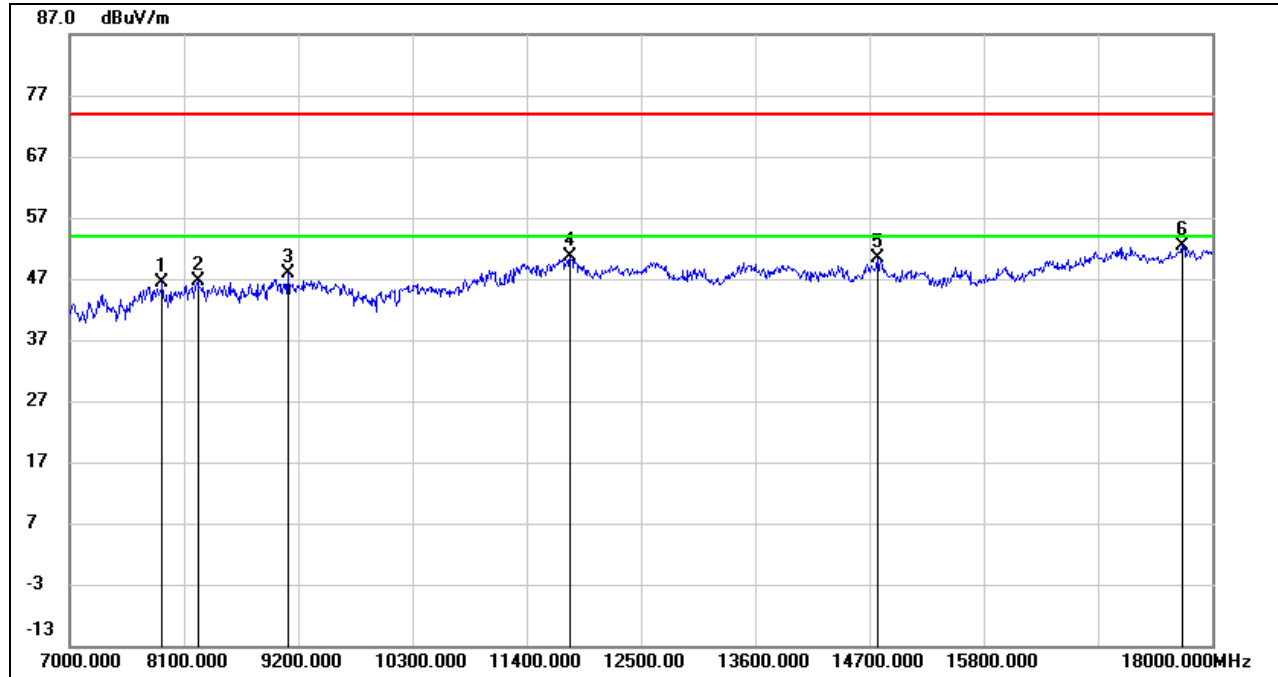
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8265.000 | 37.70 | 9.11 | 46.81 | 74.00 | -27.19 | peak |
| 2 | 9310.000 | 37.55 | 9.86 | 47.41 | 74.00 | -26.59 | peak |
| 3 | 11785.000 | 34.84 | 15.52 | 50.36 | 74.00 | -23.64 | peak |
| 4 | 14810.000 | 34.36 | 16.80 | 51.16 | 74.00 | -22.84 | peak |
| 5 | 16867.000 | 31.14 | 19.90 | 51.04 | 74.00 | -22.96 | peak |
| 6 | 17615.000 | 29.95 | 21.29 | 51.24 | 74.00 | -22.76 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)

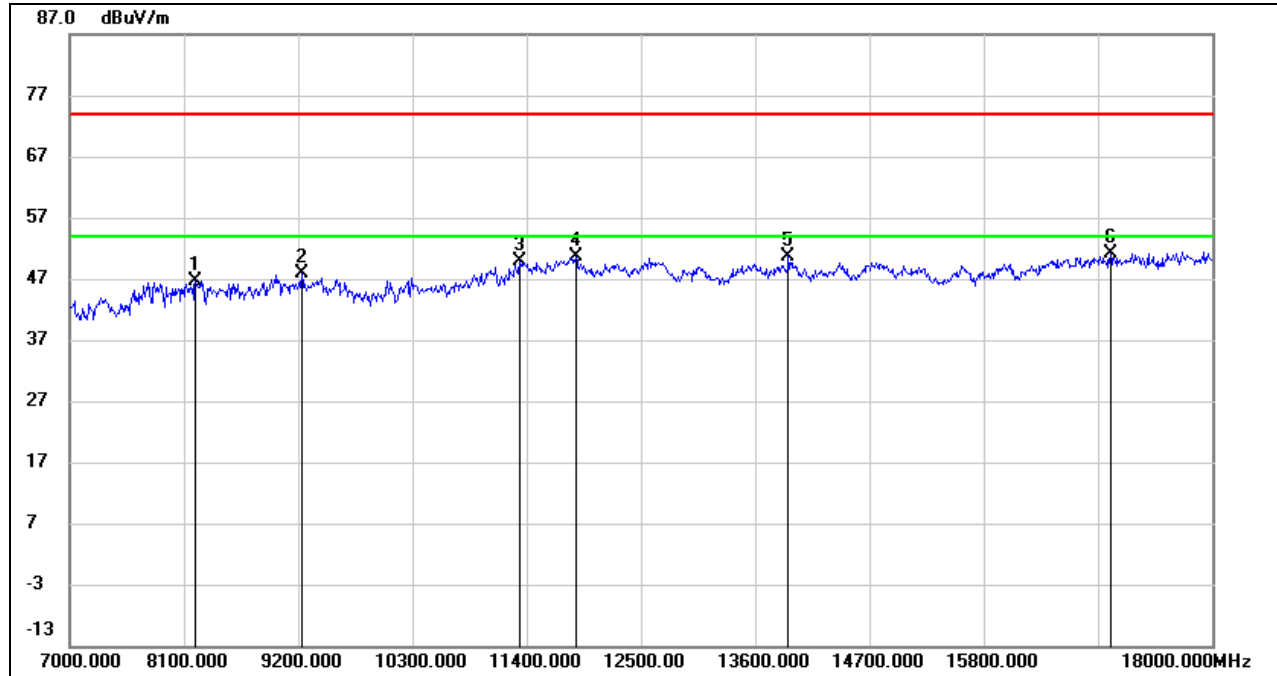


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7891.000 | 38.32 | 7.98 | 46.30 | 74.00 | -27.70 | peak |
| 2 | 8232.000 | 37.28 | 9.23 | 46.51 | 74.00 | -27.49 | peak |
| 3 | 9101.000 | 38.01 | 9.95 | 47.96 | 74.00 | -26.04 | peak |
| 4 | 11818.000 | 35.12 | 15.58 | 50.70 | 74.00 | -23.30 | peak |
| 5 | 14777.000 | 33.52 | 16.76 | 50.28 | 74.00 | -23.72 | peak |
| 6 | 17714.000 | 30.31 | 22.04 | 52.35 | 74.00 | -21.65 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

UNII-3 BAND

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

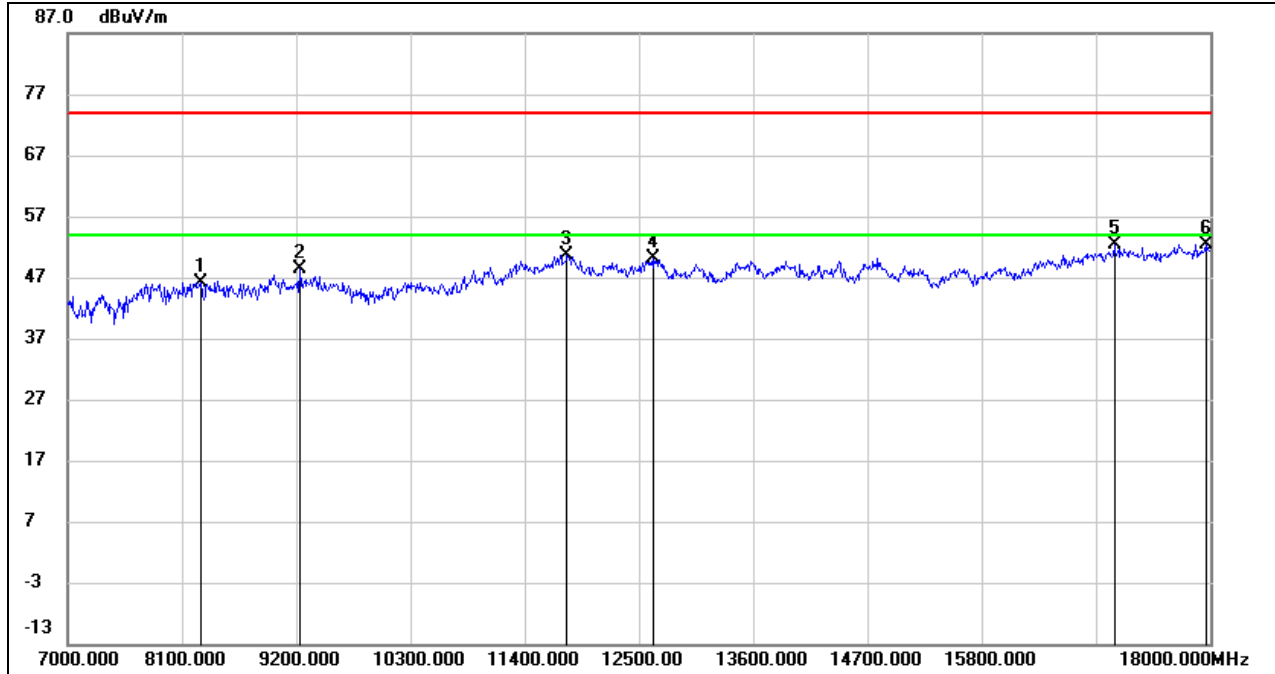


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8210.000 | 37.25 | 9.32 | 46.57 | 74.00 | -27.43 | peak |
| 2 | 9233.000 | 38.33 | 9.46 | 47.79 | 74.00 | -26.21 | peak |
| 3 | 11334.000 | 35.81 | 14.02 | 49.83 | 74.00 | -24.17 | peak |
| 4 | 11873.000 | 35.05 | 15.50 | 50.55 | 74.00 | -23.45 | peak |
| 5 | 13919.000 | 33.86 | 16.89 | 50.75 | 74.00 | -23.25 | peak |
| 6 | 17021.000 | 30.80 | 20.32 | 51.12 | 74.00 | -22.88 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



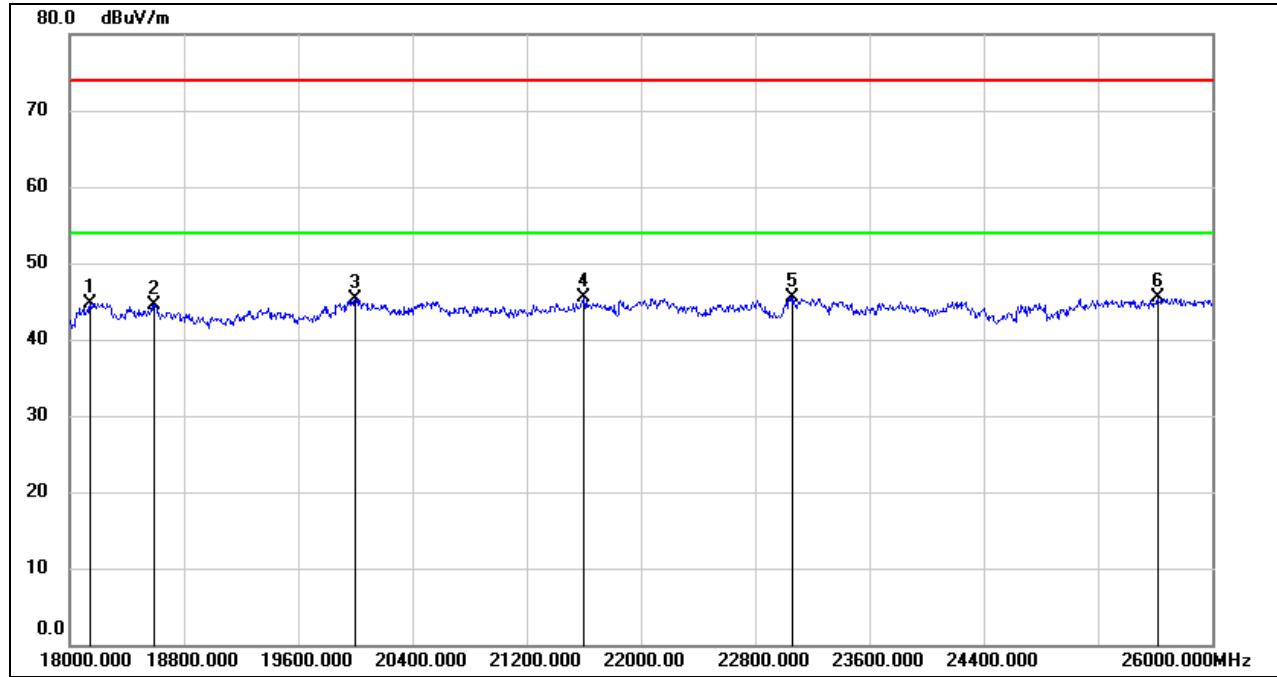
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 8276.000 | 37.14 | 9.06 | 46.20 | 74.00 | -27.80 | peak |
| 2 | 9233.000 | 38.95 | 9.46 | 48.41 | 74.00 | -25.59 | peak |
| 3 | 11807.000 | 35.08 | 15.61 | 50.69 | 74.00 | -23.31 | peak |
| 4 | 12643.000 | 34.74 | 15.36 | 50.10 | 74.00 | -23.90 | peak |
| 5 | 17076.000 | 31.74 | 20.54 | 52.28 | 74.00 | -21.72 | peak |
| 6 | 17956.000 | 29.76 | 22.68 | 52.44 | 74.00 | -21.56 | 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.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.4. SPURIOUS EMISSIONS (18 GHz ~ 26 GHz)

8.4.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)

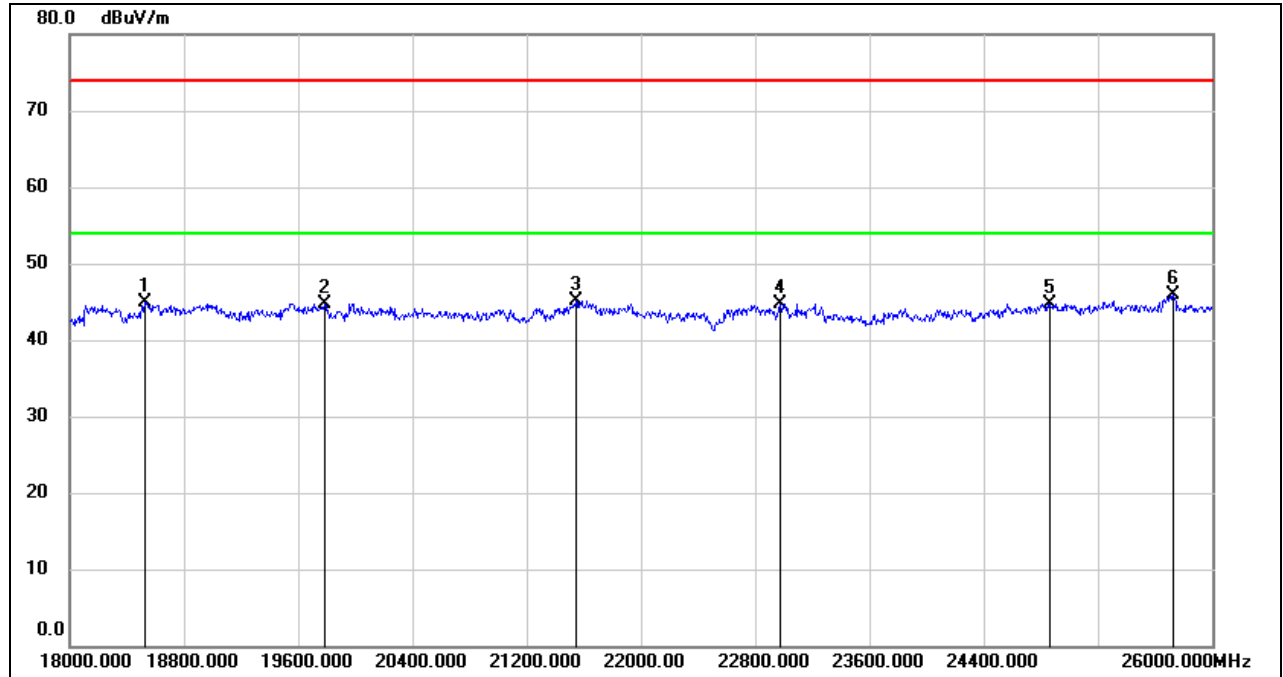


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 18144.000 | 50.27 | -5.48 | 44.79 | 74.00 | -29.21 | peak |
| 2 | 18592.000 | 49.75 | -5.31 | 44.44 | 74.00 | -29.56 | peak |
| 3 | 20000.000 | 50.81 | -5.45 | 45.36 | 74.00 | -28.64 | peak |
| 4 | 21600.000 | 50.02 | -4.54 | 45.48 | 74.00 | -28.52 | peak |
| 5 | 23064.000 | 48.99 | -3.42 | 45.57 | 74.00 | -28.43 | peak |
| 6 | 25616.000 | 46.68 | -1.24 | 45.44 | 74.00 | -28.56 | 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 (UNII-1 BAND HIGH CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 18528.000 | 50.11 | -5.26 | 44.85 | 74.00 | -29.15 | peak |
| 2 | 19784.000 | 50.07 | -5.28 | 44.79 | 74.00 | -29.21 | peak |
| 3 | 21544.000 | 49.76 | -4.63 | 45.13 | 74.00 | -28.87 | peak |
| 4 | 22976.000 | 48.26 | -3.46 | 44.80 | 74.00 | -29.20 | peak |
| 5 | 24864.000 | 47.03 | -2.23 | 44.80 | 74.00 | -29.20 | peak |
| 6 | 25728.000 | 46.61 | -0.72 | 45.89 | 74.00 | -28.11 | peak |

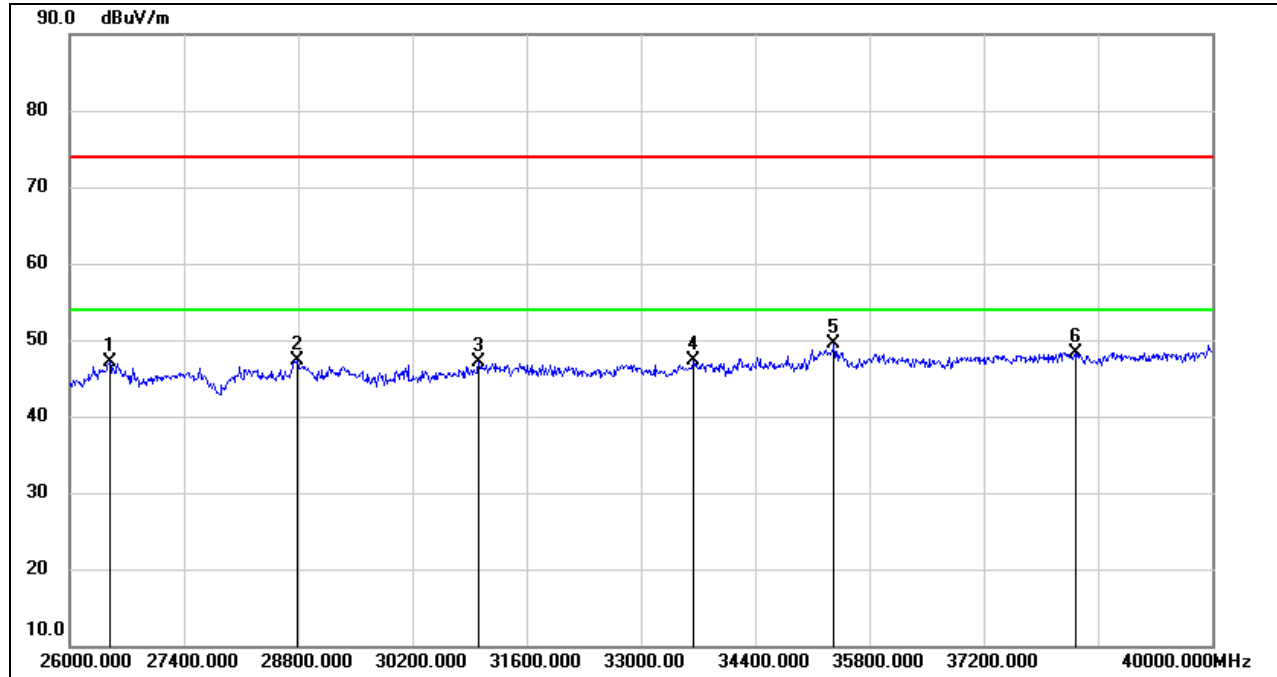
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.5. SPURIOUS EMISSIONS (26 GHz ~ 40 GHz)

8.5.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)

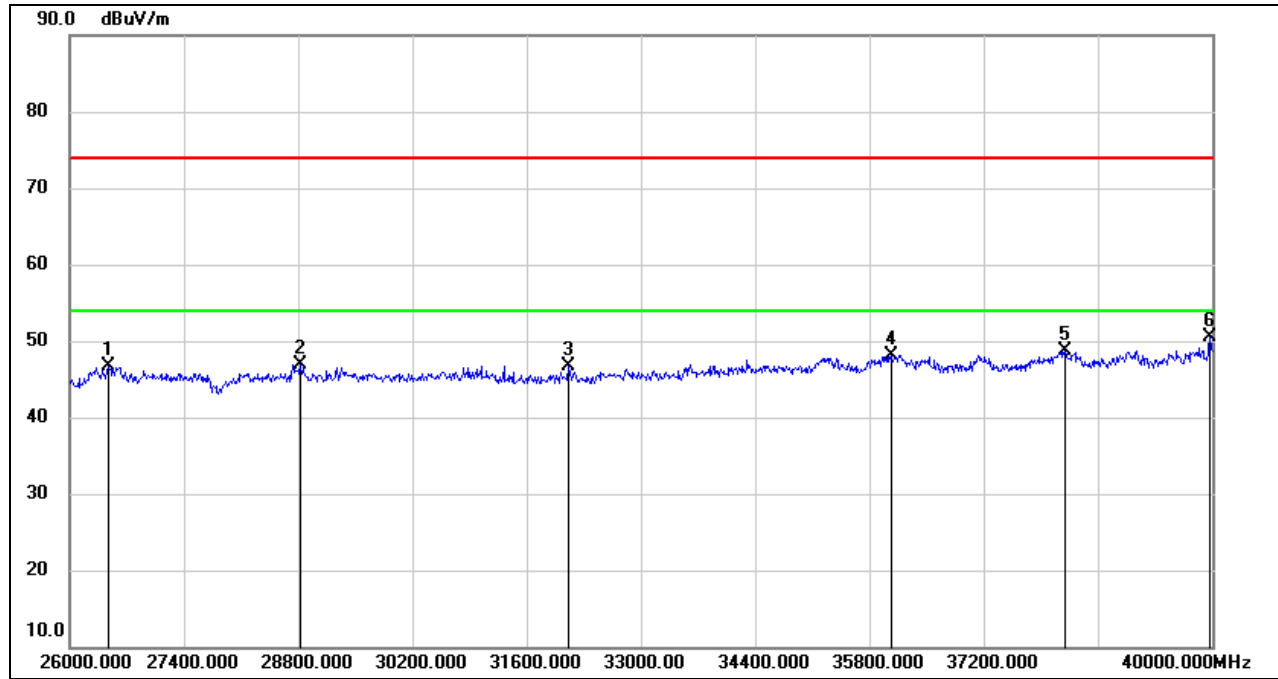


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 26490.000 | 51.79 | -4.74 | 47.05 | 74.00 | -26.95 | peak |
| 2 | 28786.000 | 47.99 | -0.64 | 47.35 | 74.00 | -26.65 | peak |
| 3 | 31012.000 | 47.83 | -0.71 | 47.12 | 74.00 | -26.88 | peak |
| 4 | 33644.000 | 46.81 | 0.42 | 47.23 | 74.00 | -26.77 | peak |
| 5 | 35366.000 | 46.90 | 2.59 | 49.49 | 74.00 | -24.51 | peak |
| 6 | 38320.000 | 44.56 | 3.77 | 48.33 | 74.00 | -25.67 | 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 (UNII-1 BAND HIGH CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 26476.000 | 51.53 | -4.78 | 46.75 | 74.00 | -27.25 | peak |
| 2 | 28828.000 | 47.63 | -0.79 | 46.84 | 74.00 | -27.16 | peak |
| 3 | 32104.000 | 48.49 | -1.75 | 46.74 | 74.00 | -27.26 | peak |
| 4 | 36066.000 | 44.35 | 3.83 | 48.18 | 74.00 | -25.82 | peak |
| 5 | 38194.000 | 44.93 | 3.72 | 48.65 | 74.00 | -25.35 | peak |
| 6 | 39972.000 | 45.45 | 5.13 | 50.58 | 74.00 | -23.42 | peak |

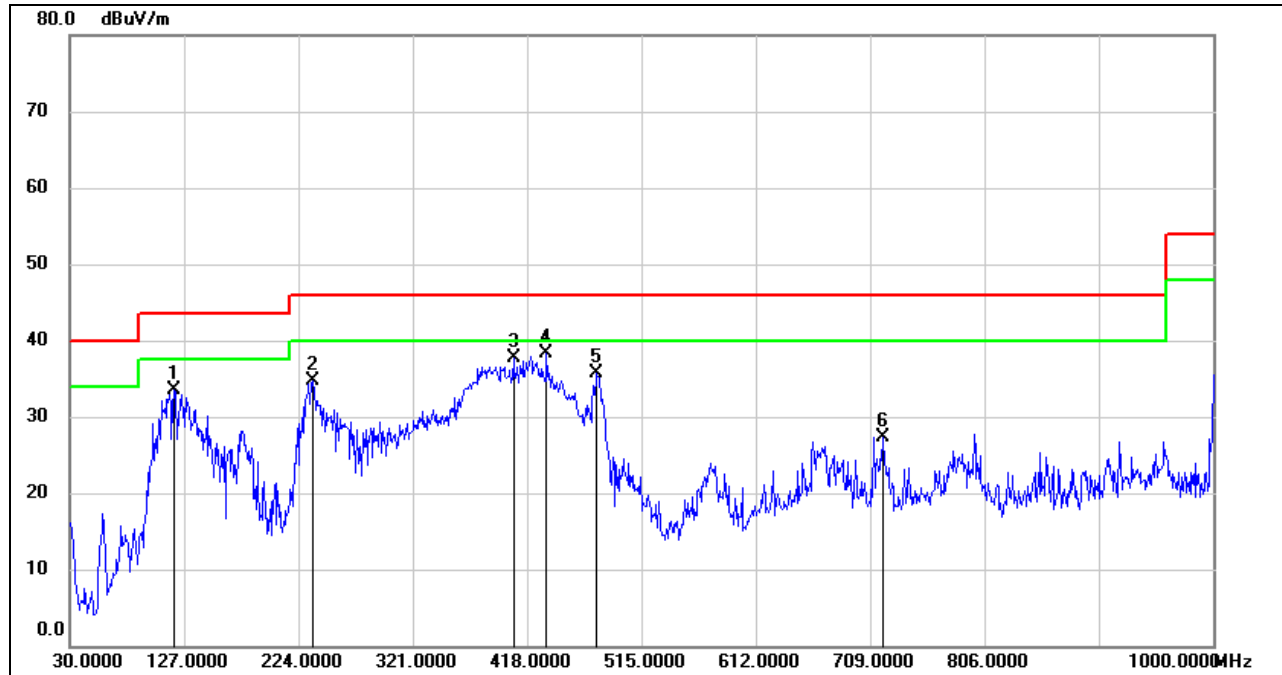
- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

8.6.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)

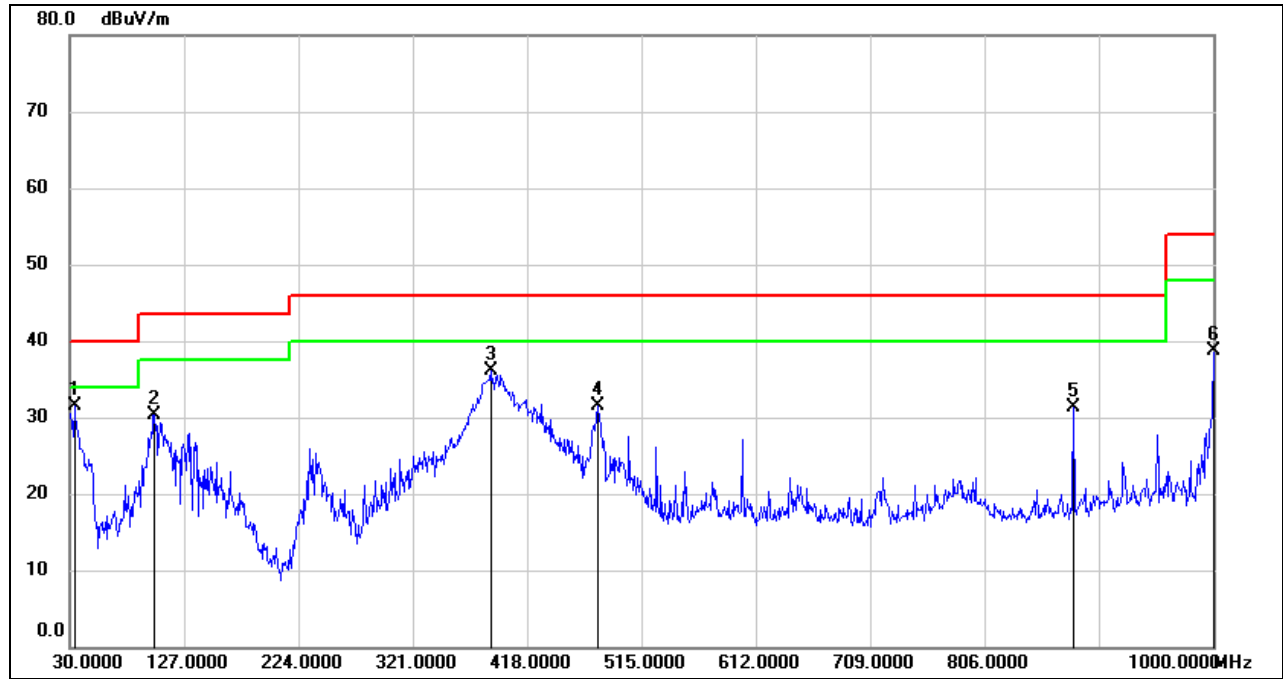


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 118.2700 | 53.39 | -19.97 | 33.42 | 43.50 | -10.08 | QP |
| 2 | 235.6400 | 53.72 | -18.96 | 34.76 | 46.00 | -11.24 | QP |
| 3 | 406.3599 | 50.86 | -13.22 | 37.64 | 46.00 | -8.36 | QP |
| 4 | 434.4900 | 50.97 | -12.66 | 38.31 | 46.00 | -7.69 | QP |
| 5 | 477.1700 | 47.66 | -11.86 | 35.80 | 46.00 | -10.20 | QP |
| 6 | 719.6700 | 35.42 | -8.08 | 27.34 | 46.00 | -18.66 | 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 (UNII-1 BAND HIGH CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 33.8800 | 50.80 | -19.31 | 31.49 | 40.00 | -8.51 | QP |
| 2 | 101.7800 | 51.39 | -21.00 | 30.39 | 43.50 | -13.11 | QP |
| 3 | 386.9600 | 49.59 | -13.53 | 36.06 | 46.00 | -9.94 | QP |
| 4 | 478.1400 | 43.36 | -11.83 | 31.53 | 46.00 | -14.47 | QP |
| 5 | 881.6600 | 36.81 | -5.48 | 31.33 | 46.00 | -14.67 | QP |
| 6 | 1000.0000 | 42.80 | -4.15 | 38.65 | 54.00 | -15.35 | 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

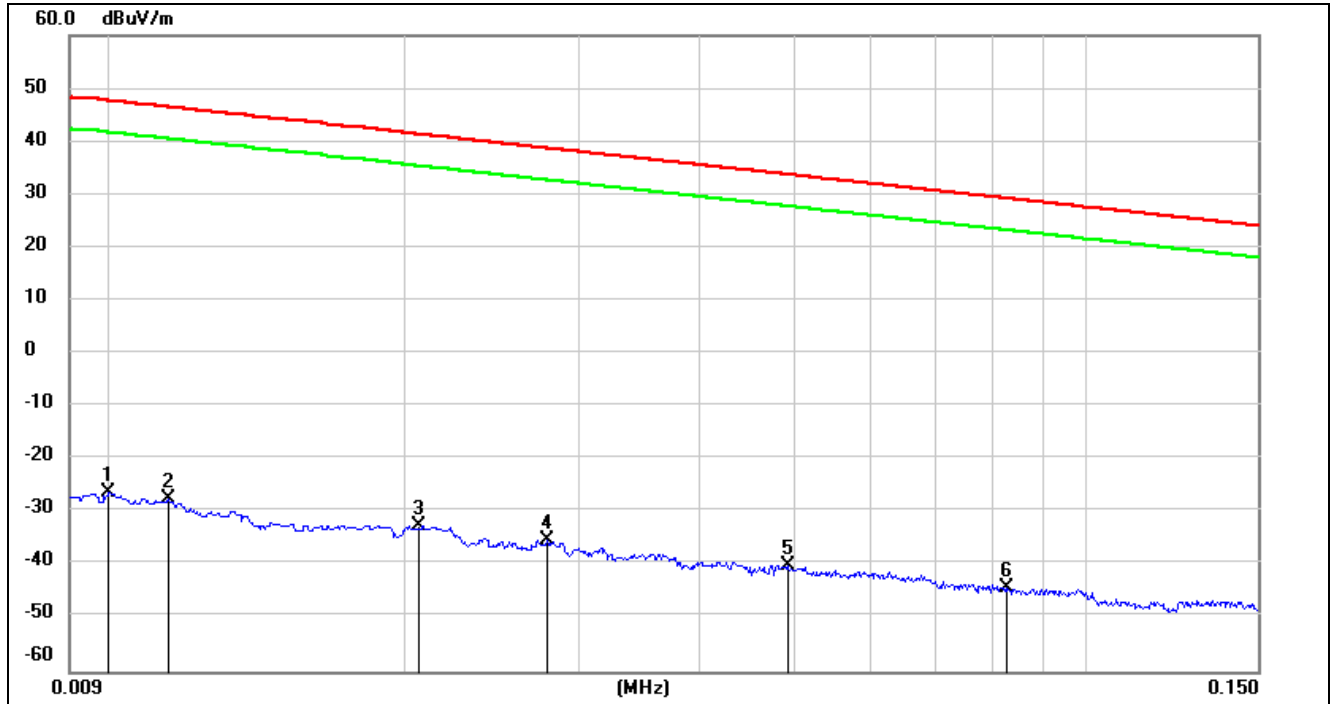
Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz

8.7.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

9 kHz ~ 150 kHz



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | FCC Result (dBuV/m) | FCC Limit (dBuV/m) | ISED Result (dBuA/m) | ISED Limit (dBuA/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|---------------------------|--------------------------|----------------------------|---------------------------|----------------|--------|
| 1 | 0.0100 | 75.22 | -101.40 | -26.18 | 47.6 | -77.68 | -3.90 | -73.78 | peak |
| 2 | 0.0114 | 73.88 | -101.40 | -27.52 | 46.46 | -79.02 | -5.04 | -73.98 | peak |
| 3 | 0.0206 | 68.92 | -101.35 | -32.43 | 41.32 | -83.93 | -10.18 | -73.75 | peak |
| 4 | 0.0279 | 66.17 | -101.38 | -35.21 | 38.69 | -86.71 | -12.81 | -73.90 | peak |
| 5 | 0.0492 | 61.55 | -101.47 | -39.92 | 33.76 | -91.42 | -17.74 | -73.68 | peak |
| 6 | 0.0826 | 57.32 | -101.65 | -44.33 | 29.26 | -95.83 | -22.24 | -73.59 | peak |

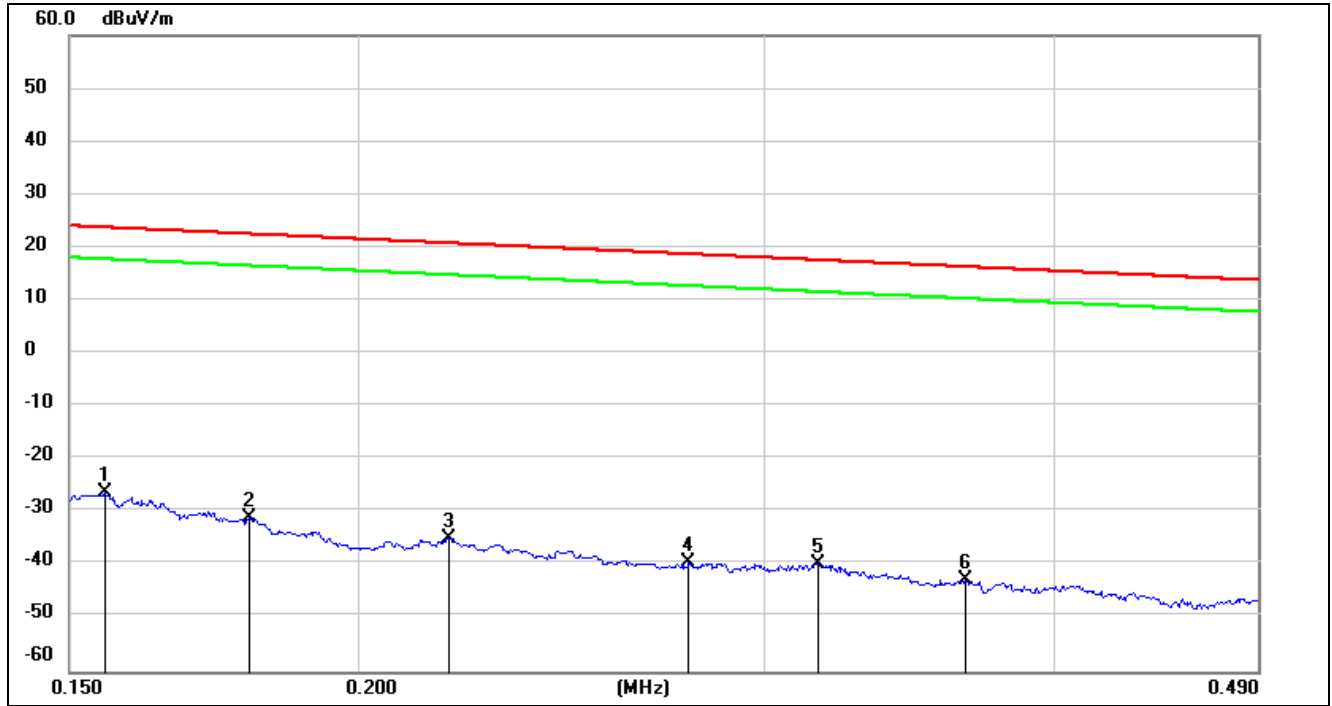
Note: 1. Measurement = Reading Level + Correct Factor.

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.

4. $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}(120\pi) = \text{dBuV/m} - 51.5$.

150 kHz ~ 490 kHz



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | FCC Result (dBuV/m) | FCC Limit (dBuV/m) | ISED Result (dBuA/m) | ISED Limit (dBuA/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|---------------------------|--------------------------|----------------------------|---------------------------|----------------|--------|
| 1 | 0.1554 | 75.27 | -101.65 | -26.38 | 23.77 | -77.88 | -27.73 | -50.15 | peak |
| 2 | 0.1794 | 70.77 | -101.68 | -30.91 | 22.53 | -82.41 | -28.97 | -53.44 | peak |
| 3 | 0.2190 | 66.77 | -101.75 | -34.98 | 20.79 | -86.48 | -30.71 | -55.77 | peak |
| 4 | 0.2782 | 62.29 | -101.83 | -39.54 | 18.71 | -91.04 | -32.79 | -58.25 | peak |
| 5 | 0.3163 | 62.20 | -101.87 | -39.67 | 17.6 | -91.17 | -33.90 | -57.27 | peak |
| 6 | 0.3662 | 59.08 | -101.93 | -42.85 | 16.33 | -94.35 | -35.17 | -59.18 | peak |

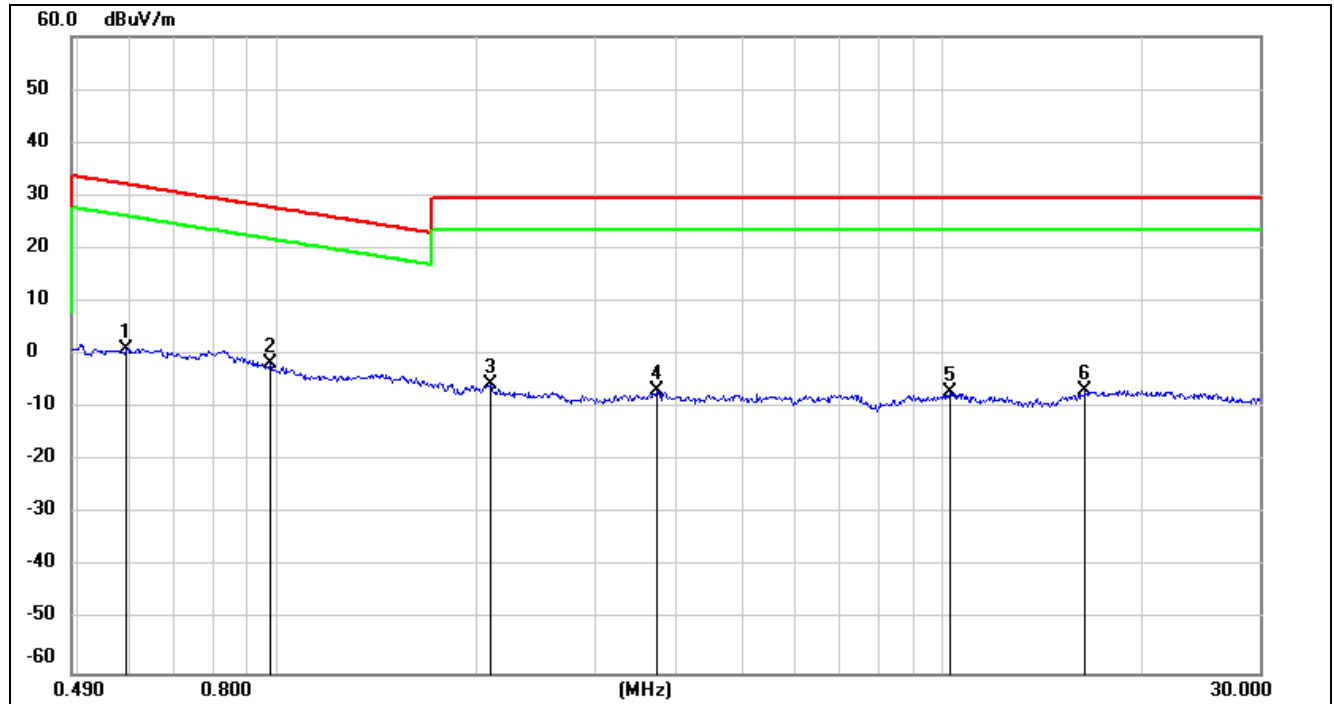
Note: 1. Measurement = Reading Level + Correct Factor.

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.

4. $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}(120\pi) = \text{dBuV/m} - 51.5$.

490 kHz ~ 30 MHz



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | FCC Result (dBuV/m) | FCC Limit (dBuV/m) | ISED Result (dBuA/m) | ISED Limit (dBuA/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|---------------------------|--------------------------|----------------------------|---------------------------|----------------|--------|
| 1 | 0.5917 | 63.24 | -62.08 | 1.16 | 32.16 | -50.34 | -19.34 | -31.00 | peak |
| 2 | 0.9737 | 60.71 | -62.25 | -1.54 | 27.83 | -53.04 | -23.67 | -29.37 | peak |
| 3 | 2.0939 | 56.39 | -61.79 | -5.4 | 29.54 | -56.90 | -21.96 | -34.94 | peak |
| 4 | 3.7100 | 54.70 | -61.41 | -6.71 | 29.54 | -58.21 | -21.96 | -36.25 | peak |
| 5 | 10.2576 | 53.63 | -60.81 | -7.18 | 29.54 | -58.68 | -21.96 | -36.72 | peak |
| 6 | 16.3959 | 54.17 | -60.96 | -6.79 | 29.54 | -58.29 | -21.96 | -36.33 | 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.

4. $\text{dBuA/m} = \text{dBuV/m} - 20\log_{10}(120\pi) = \text{dBuV/m} - 51.5$.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

9. AC POWER LINE CONDUCTED EMISSIONS

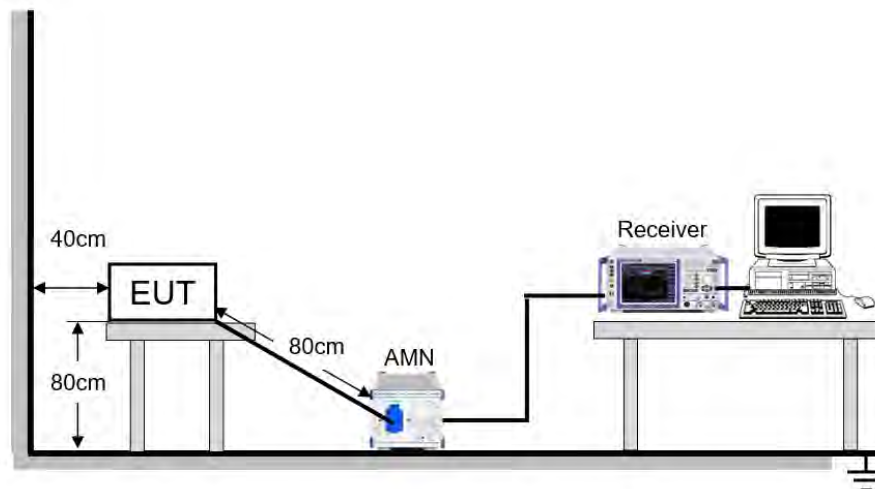
LIMITS

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

Refer to ANSI C63.10-2013 clause 6.2.



The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a 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 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

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.

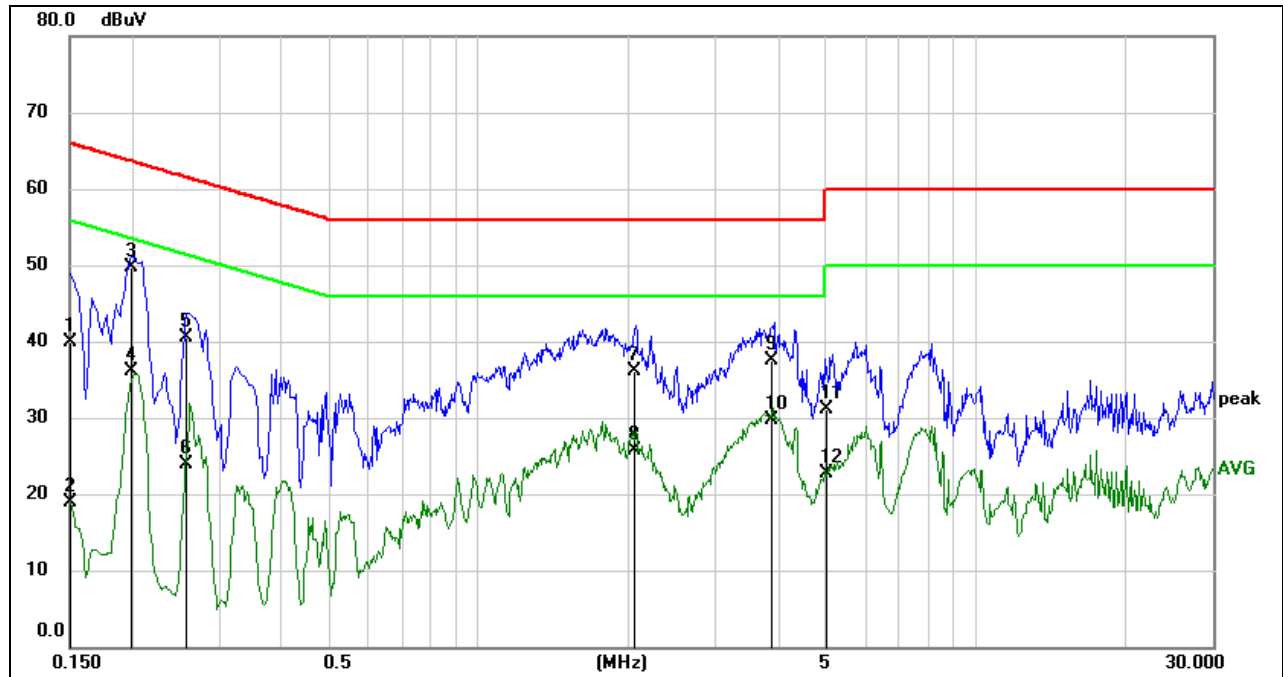
TEST ENVIRONMENT

| | | | |
|---------------------|---------|-------------------|-----------------|
| Temperature | 25.9 °C | Relative Humidity | 67.7% |
| Atmosphere Pressure | 101 kPa | Test Voltage | AC 120 V, 60 Hz |

RESULTS

9.1.1. 802.11n HT40 MIMO MODE

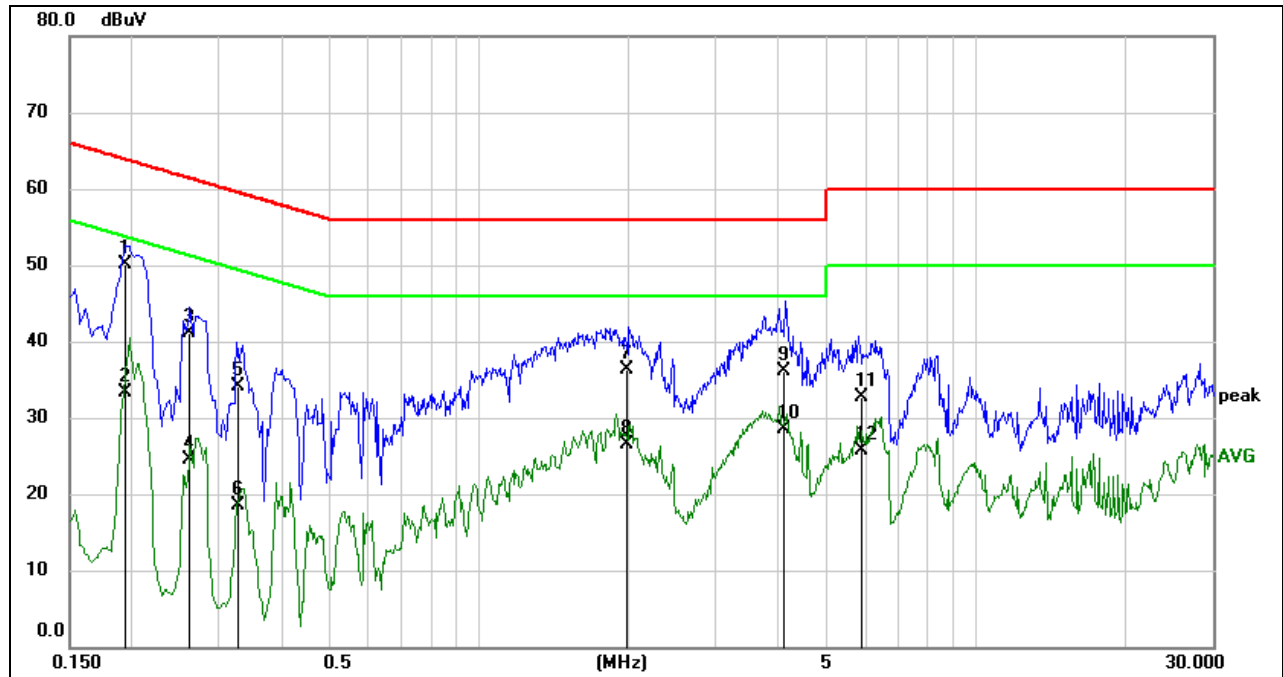
LINE L RESULTS (UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|-----------------|----------------|--------------|---------------|--------------|-------------|--------|
| 1 | 0.1500 | 30.41 | 9.59 | 40.00 | 66.00 | -26.00 | QP |
| 2 | 0.1500 | 9.28 | 9.59 | 18.87 | 56.00 | -37.13 | AVG |
| 3 | 0.1995 | 40.18 | 9.59 | 49.77 | 63.63 | -13.86 | QP |
| 4 | 0.1995 | 26.55 | 9.59 | 36.14 | 53.63 | -17.49 | AVG |
| 5 | 0.2579 | 30.91 | 9.59 | 40.50 | 61.50 | -21.00 | QP |
| 6 | 0.2579 | 14.30 | 9.59 | 23.89 | 51.50 | -27.61 | AVG |
| 7 | 2.0484 | 26.57 | 9.63 | 36.20 | 56.00 | -19.80 | QP |
| 8 | 2.0484 | 16.09 | 9.63 | 25.72 | 46.00 | -20.28 | AVG |
| 9 | 3.8646 | 27.81 | 9.60 | 37.41 | 56.00 | -18.59 | QP |
| 10 | 3.8646 | 20.08 | 9.60 | 29.68 | 46.00 | -16.32 | AVG |
| 11 | 5.0301 | 21.39 | 9.62 | 31.01 | 60.00 | -28.99 | QP |
| 12 | 5.0301 | 13.09 | 9.62 | 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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

LINE N RESULTS (UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|-----------------|----------------|--------------|---------------|--------------|-------------|--------|
| 1 | 0.1947 | 40.45 | 9.59 | 50.04 | 63.83 | -13.79 | QP |
| 2 | 0.1947 | 23.64 | 9.59 | 33.23 | 53.83 | -20.60 | AVG |
| 3 | 0.2597 | 31.45 | 9.59 | 41.04 | 61.44 | -20.40 | QP |
| 4 | 0.2597 | 14.87 | 9.59 | 24.46 | 51.44 | -26.98 | AVG |
| 5 | 0.3288 | 24.54 | 9.59 | 34.13 | 59.48 | -25.35 | QP |
| 6 | 0.3288 | 9.01 | 9.59 | 18.60 | 49.48 | -30.88 | AVG |
| 7 | 1.9926 | 26.75 | 9.63 | 36.38 | 56.00 | -19.62 | QP |
| 8 | 1.9926 | 16.85 | 9.63 | 26.48 | 46.00 | -19.52 | AVG |
| 9 | 4.1020 | 26.54 | 9.60 | 36.14 | 56.00 | -19.86 | QP |
| 10 | 4.1020 | 18.99 | 9.60 | 28.59 | 46.00 | -17.41 | AVG |
| 11 | 5.9009 | 23.16 | 9.64 | 32.80 | 60.00 | -27.20 | QP |
| 12 | 5.9009 | 16.01 | 9.64 | 25.65 | 50.00 | -24.35 | 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: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes had been tested, but only the worst data was recorded in the report.

10. FREQUENCY STABILITY

LIMITS

The frequency of the carrier signal shall be maintained within band of operation.

TEST PROCEDURE

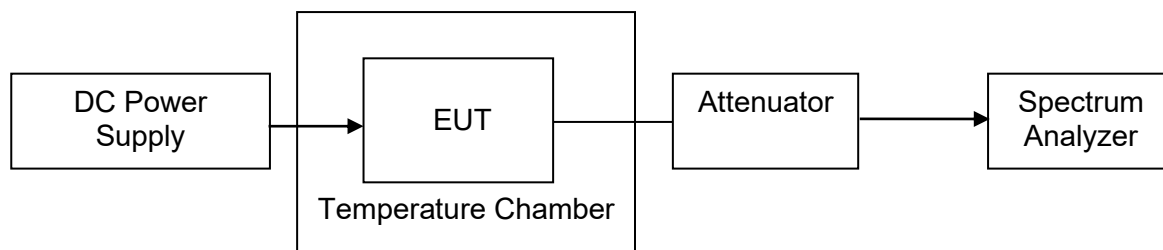
1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 °C ~ 70 °C (declared by customer).
2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.
3. The primary supply voltage is varied from 90 % to 110 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

Connect the EUT to the spectrum analyser and use the following settings:

| | |
|------------------|--|
| Center Frequency | The center frequency of the channel under test |
| Detector | Peak |
| RBW | 10 kHz |
| VBW | $\geq 3 \times \text{RBW}$ |
| Span | Encompass the entire emissions bandwidth (EBW) of the signal |
| Trace | Max hold |
| Sweep time | Auto |

4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized.
5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST SETUP





TEST ENVIRONMENT

| | Normal Test Conditions | Extreme Test Conditions |
|----------------------|-------------------------------------|------------------------------|
| Relative Humidity | 20 % ~ 75 % | / |
| Atmospheric Pressure | 100 kPa ~ 102 kPa | / |
| Temperature | TN (Normal Temperature): 26.4 °C | TL (Low Temperature): 0 °C |
| | | TH (High Temperature): 70 °C |
| Supply Voltage | VN (Normal Voltage): DC 3.3 V | VL (Low Voltage): DC 2.97 V |
| | | VH (High Voltage): DC 3.63 V |

RESULTS

Please refer to Appendix E.

11. 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

**11.1. Appendix A1: Emission Bandwidth****11.1.1. Test Result**

| Test Mode | Antenna | Channel | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Verdict |
|------------|---------|---------|----------------|----------|----------|---------|
| 11A 20 | Ant1 | 5180 | 19.840 | 5170.200 | 5190.040 | PASS |
| | Ant2 | 5180 | 19.760 | 5170.200 | 5189.960 | PASS |
| | Ant1 | 5200 | 19.800 | 5190.240 | 5210.040 | PASS |
| | Ant2 | 5200 | 19.520 | 5190.400 | 5209.920 | PASS |
| | Ant1 | 5240 | 19.320 | 5230.480 | 5249.800 | PASS |
| | Ant2 | 5240 | 20.000 | 5229.800 | 5249.800 | PASS |
| | Ant1 | 5745 | 19.520 | 5735.520 | 5755.040 | PASS |
| | Ant2 | 5745 | 19.520 | 5735.080 | 5754.600 | PASS |
| | Ant1 | 5785 | 19.520 | 5775.280 | 5794.800 | PASS |
| | Ant2 | 5785 | 19.720 | 5775.120 | 5794.840 | PASS |
| | Ant1 | 5825 | 19.200 | 5815.440 | 5834.640 | PASS |
| | Ant2 | 5825 | 19.800 | 5815.120 | 5834.920 | PASS |
| 11N20MIMO | Ant1 | 5180 | 20.280 | 5169.880 | 5190.160 | PASS |
| | Ant2 | 5180 | 20.320 | 5169.720 | 5190.040 | PASS |
| | Ant1 | 5200 | 20.360 | 5189.640 | 5210.000 | PASS |
| | Ant2 | 5200 | 20.080 | 5190.120 | 5210.200 | PASS |
| | Ant1 | 5240 | 19.680 | 5230.200 | 5249.880 | PASS |
| | Ant2 | 5240 | 20.120 | 5229.960 | 5250.080 | PASS |
| | Ant1 | 5745 | 20.160 | 5734.960 | 5755.120 | PASS |
| | Ant2 | 5745 | 19.920 | 5735.160 | 5755.080 | PASS |
| | Ant1 | 5785 | 20.280 | 5774.960 | 5795.240 | PASS |
| | Ant2 | 5785 | 20.000 | 5774.960 | 5794.960 | PASS |
| | Ant1 | 5825 | 20.080 | 5815.080 | 5835.160 | PASS |
| | Ant2 | 5825 | 19.560 | 5815.200 | 5834.760 | PASS |
| 11N40MIMO | Ant1 | 5190 | 39.760 | 5170.080 | 5209.840 | PASS |
| | Ant2 | 5190 | 39.280 | 5170.560 | 5209.840 | PASS |
| | Ant1 | 5230 | 40.080 | 5210.000 | 5250.080 | PASS |
| | Ant2 | 5230 | 40.240 | 5209.680 | 5249.920 | PASS |
| | Ant1 | 5755 | 40.480 | 5734.760 | 5775.240 | PASS |
| | Ant2 | 5755 | 39.920 | 5735.160 | 5775.080 | PASS |
| | Ant1 | 5795 | 40.400 | 5774.760 | 5815.160 | PASS |
| | Ant2 | 5795 | 40.400 | 5775.000 | 5815.400 | PASS |
| 11AC80MIMO | Ant1 | 5210 | 80.160 | 5170.320 | 5250.480 | PASS |
| | Ant2 | 5210 | 80.000 | 5170.000 | 5250.000 | PASS |
| | Ant1 | 5775 | 80.320 | 5734.360 | 5814.680 | PASS |
| | Ant2 | 5775 | 79.520 | 5735.480 | 5815.000 | PASS |



| Test Mode | Antenna | Channel | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Verdict |
|------------|-------------|--------------|----------------|----------|----------|---------|
| 11A | Ant1 | 5260 | 19.800 | 5250.320 | 5270.120 | PASS |
| | Ant2 | 5260 | 19.600 | 5250.280 | 5269.880 | PASS |
| | Ant1 | 5280 | 19.840 | 5270.120 | 5289.960 | PASS |
| | Ant2 | 5280 | 19.920 | 5270.120 | 5290.040 | PASS |
| | Ant1 | 5320 | 19.800 | 5310.000 | 5329.800 | PASS |
| | Ant2 | 5320 | 20.040 | 5310.080 | 5330.120 | PASS |
| | Ant1 | 5500 | 19.800 | 5490.160 | 5509.960 | PASS |
| | Ant2 | 5500 | 19.800 | 5490.040 | 5509.840 | PASS |
| | Ant1 | 5580 | 19.440 | 5570.360 | 5589.800 | PASS |
| | Ant2 | 5580 | 19.720 | 5570.000 | 5589.720 | PASS |
| | Ant1 | 5700 | 19.800 | 5690.160 | 5709.960 | PASS |
| | Ant2 | 5700 | 19.800 | 5690.040 | 5709.840 | PASS |
| | Ant1 | 5720 | 19.520 | 5710.280 | 5729.800 | PASS |
| | Ant2 | 5720 | 19.880 | 5710.000 | 5729.880 | PASS |
| | Ant1 | 5720 UNII-2C | 14.72 | 5710.280 | 5725 | PASS |
| | Ant2 | 5720 UNII-2C | 15 | 5710.000 | 5725 | PASS |
| Ant1 | 5720 UNII-3 | 4.8 | 5725 | 5729.800 | PASS | |
| Ant2 | 5720 UNII-3 | 4.88 | 5725 | 5729.880 | PASS | |
| 11N20MIMO | Ant1 | 5260 | 20.200 | 5249.840 | 5270.040 | PASS |
| | Ant2 | 5260 | 20.120 | 5249.960 | 5270.080 | PASS |
| | Ant1 | 5280 | 20.000 | 5270.080 | 5290.080 | PASS |
| | Ant2 | 5280 | 20.000 | 5270.000 | 5290.000 | PASS |
| | Ant1 | 5320 | 19.720 | 5310.120 | 5329.840 | PASS |
| | Ant2 | 5320 | 19.960 | 5310.000 | 5329.960 | PASS |
| | Ant1 | 5500 | 20.120 | 5490.000 | 5510.120 | PASS |
| | Ant2 | 5500 | 19.720 | 5490.080 | 5509.800 | PASS |
| | Ant1 | 5580 | 19.920 | 5570.120 | 5590.040 | PASS |
| | Ant2 | 5580 | 19.960 | 5570.160 | 5590.120 | PASS |
| | Ant1 | 5700 | 20.040 | 5690.080 | 5710.120 | PASS |
| | Ant2 | 5700 | 19.880 | 5690.200 | 5710.080 | PASS |
| | Ant1 | 5720 | 19.760 | 5710.280 | 5730.040 | PASS |
| | Ant2 | 5720 | 20.040 | 5709.920 | 5729.960 | PASS |
| | Ant1 | 5720 UNII-2C | 14.72 | 5710.280 | 5725 | PASS |
| | Ant2 | 5720 UNII-2C | 15.08 | 5709.920 | 5725 | PASS |
| Ant1 | 5720 UNII-3 | 5.04 | 5725 | 5730.040 | PASS | |
| Ant2 | 5720 UNII-3 | 4.96 | 5725 | 5729.960 | PASS | |
| 11N40MIMO | Ant1 | 5270 | 40.320 | 5249.760 | 5290.080 | PASS |
| | Ant2 | 5270 | 39.440 | 5250.560 | 5290.000 | PASS |
| | Ant1 | 5310 | 40.320 | 5290.000 | 5330.320 | PASS |
| | Ant2 | 5310 | 39.440 | 5290.400 | 5329.840 | PASS |
| | Ant1 | 5510 | 39.920 | 5489.920 | 5529.840 | PASS |
| | Ant2 | 5510 | 39.360 | 5490.320 | 5529.680 | PASS |
| | Ant1 | 5590 | 40.320 | 5569.920 | 5610.240 | PASS |
| | Ant2 | 5590 | 40.000 | 5570.160 | 5610.160 | PASS |
| | Ant1 | 5670 | 40.240 | 5649.920 | 5690.160 | PASS |
| | Ant2 | 5670 | 39.920 | 5650.400 | 5690.320 | PASS |
| | Ant1 | 5710 | 40.080 | 5689.760 | 5729.840 | PASS |
| | Ant2 | 5710 | 39.760 | 5690.160 | 5729.920 | PASS |
| | Ant1 | 5710 UNII-2C | 35.24 | 5689.760 | 5725 | PASS |
| | Ant2 | 5710 UNII-2C | 34.84 | 5690.160 | 5725 | PASS |
| | Ant1 | 5710 UNII-3 | 4.84 | 5725 | 5729.840 | PASS |
| | Ant2 | 5710 UNII-3 | 4.92 | 5725 | 5729.920 | PASS |
| 11AC80MIMO | Ant1 | 5290 | 80.800 | 5250.000 | 5330.800 | PASS |
| | Ant2 | 5290 | 79.520 | 5250.320 | 5329.840 | PASS |
| | Ant1 | 5530 | 80.320 | 5489.680 | 5570.000 | PASS |
| | Ant2 | 5530 | 80.000 | 5490.320 | 5570.320 | PASS |
| | Ant1 | 5610 | 80.000 | 5570.160 | 5650.160 | PASS |



| | | | | | | |
|--|------|--------------|--------|----------|----------|------|
| | Ant2 | 5610 | 79.520 | 5570.320 | 5649.840 | PASS |
| | Ant1 | 5690 | 79.360 | 5650.800 | 5730.160 | PASS |
| | Ant2 | 5690 | 80.000 | 5649.840 | 5729.840 | PASS |
| | Ant1 | 5690 UNII-2C | 74.2 | 5650.800 | 5725 | PASS |
| | Ant2 | 5690 UNII-2C | 75.16 | 5649.840 | 5725 | PASS |
| | Ant1 | 5690 UNII-3 | 5.16 | 5725 | 5730.160 | PASS |
| | Ant2 | 5690 UNII-3 | 4.84 | 5725 | 5729.840 | PASS |

11.1.2. Test Graphs





11A Ant2 5200



11A Ant1 5240



11A Ant2 5240



11A Ant1 5745



11A Ant2 5745



11A Ant1 5785



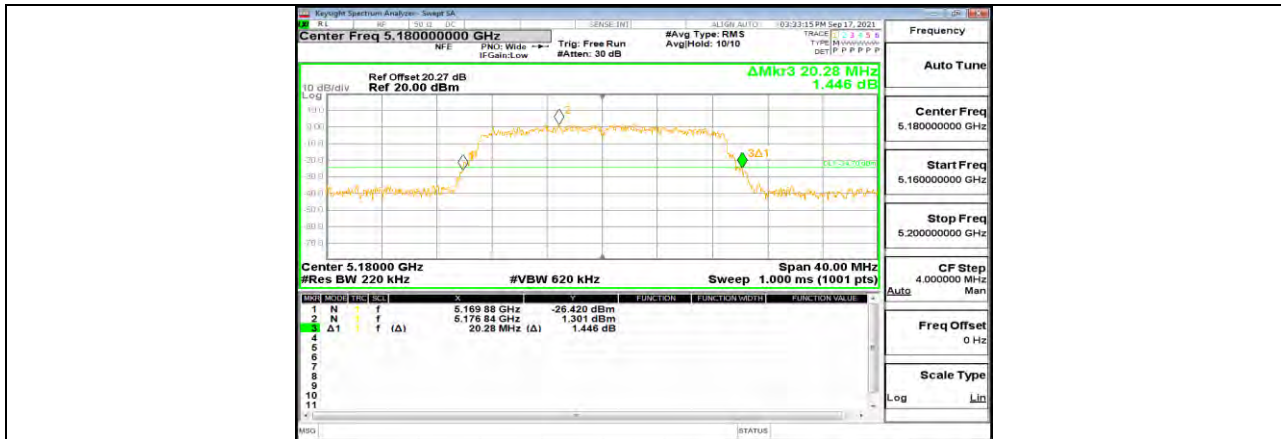
11A Ant2 5785



11A Ant1 5825



11A Ant2 5825



11N20MIMO Ant1 5180



11N20MIMO Ant2 5180



11N20MIMO Ant1 5200



11N20MIMO Ant2 5200



11N20MIMO Ant1 5240



11N20MIMO Ant2 5240



11N20MIMO Ant1 5745



11N20MIMO Ant2 5745



11N20MIMO Ant1 5785



11N20MIMO Ant2 5785



11N20MIMO Ant1 5825



11N20MIMO Ant2 5825



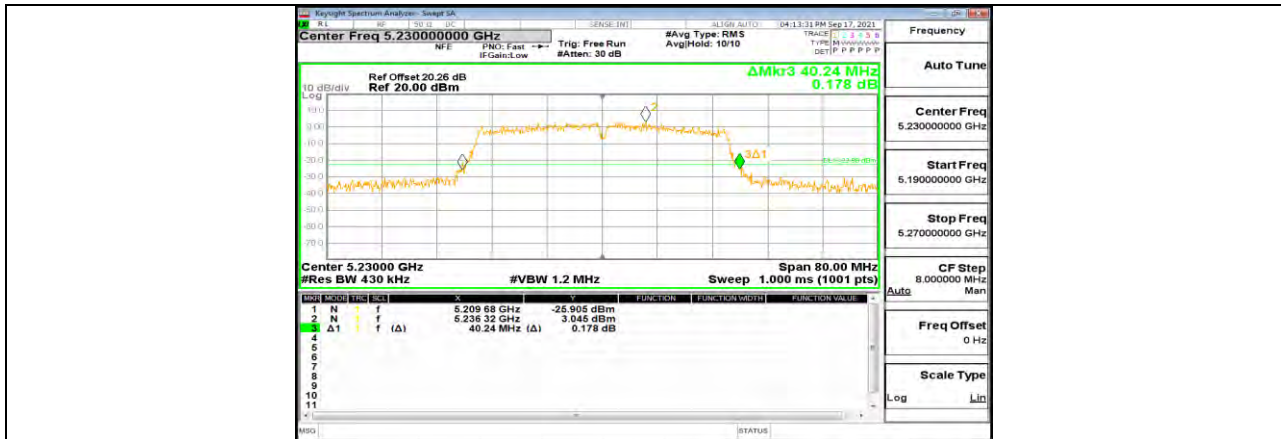
11N40MIMO Ant1 5190



11N40MIMO Ant2 5190



11N40MIMO Ant1 5230



11N40MIMO Ant2 5230



11N40MIMO Ant1 5755



11N40MIMO Ant2 5755



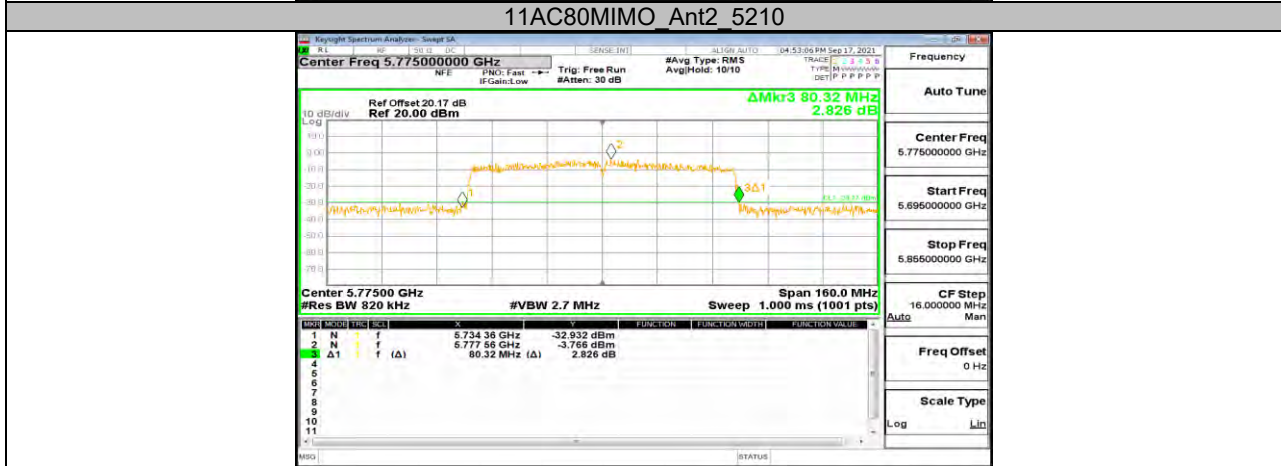
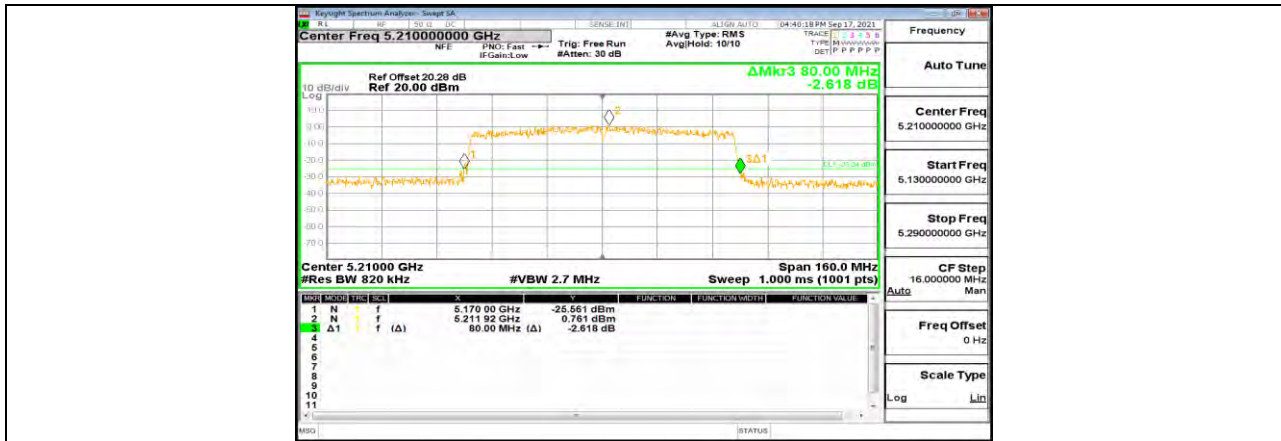
11N40MIMO Ant1 5795



11N40MIMO Ant2 5795



11AC80MIMO Ant1 5210





11A Ant1 5260



11A Ant2 5260



11A Ant1 5280



11A Ant2 5280



11A Ant1 5320



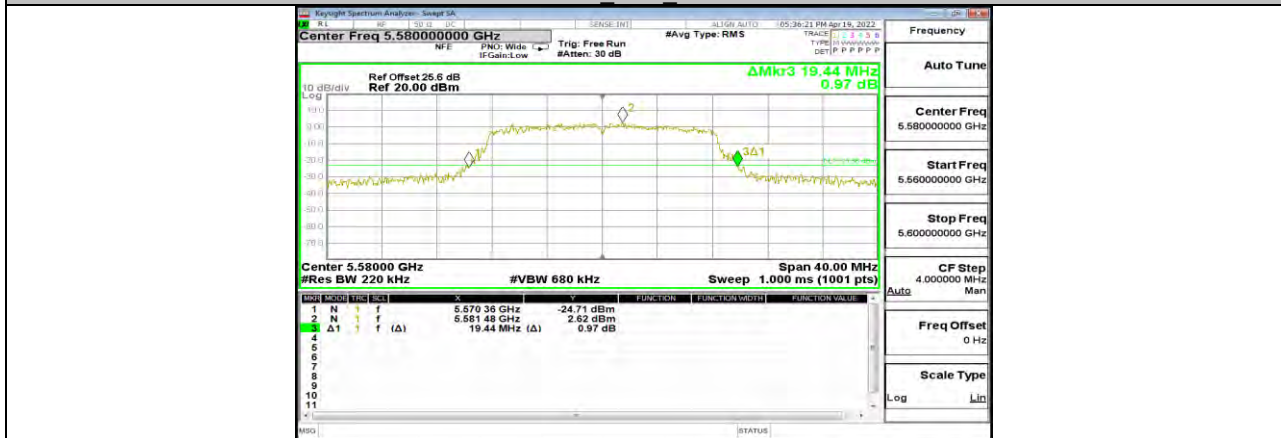
11A Ant2 5320



11A Ant1 5500



11A Ant2 5500



11A Ant1 5580



11A Ant2 5580



11A Ant1 5700



11A Ant2 5700



11A Ant1 5720



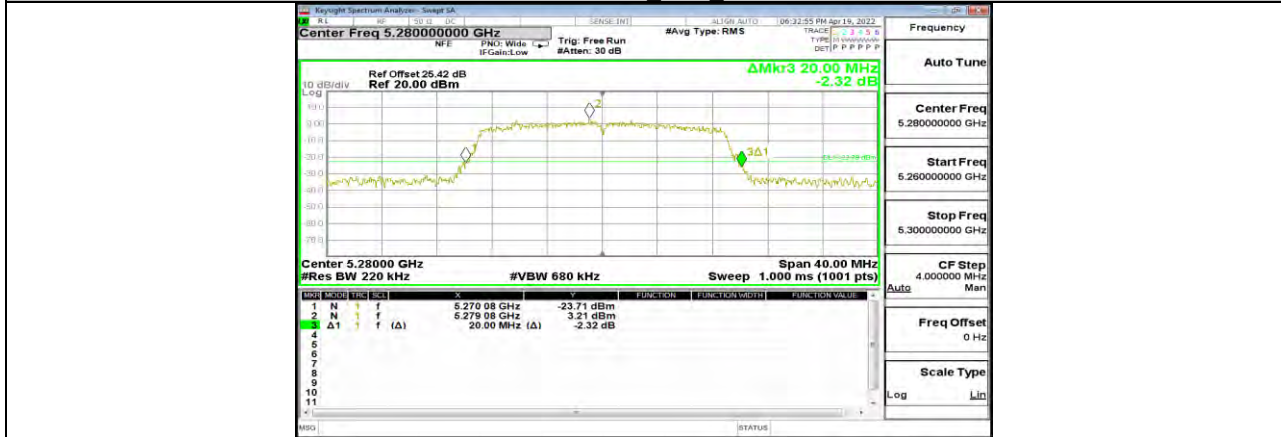
11A Ant2 5720



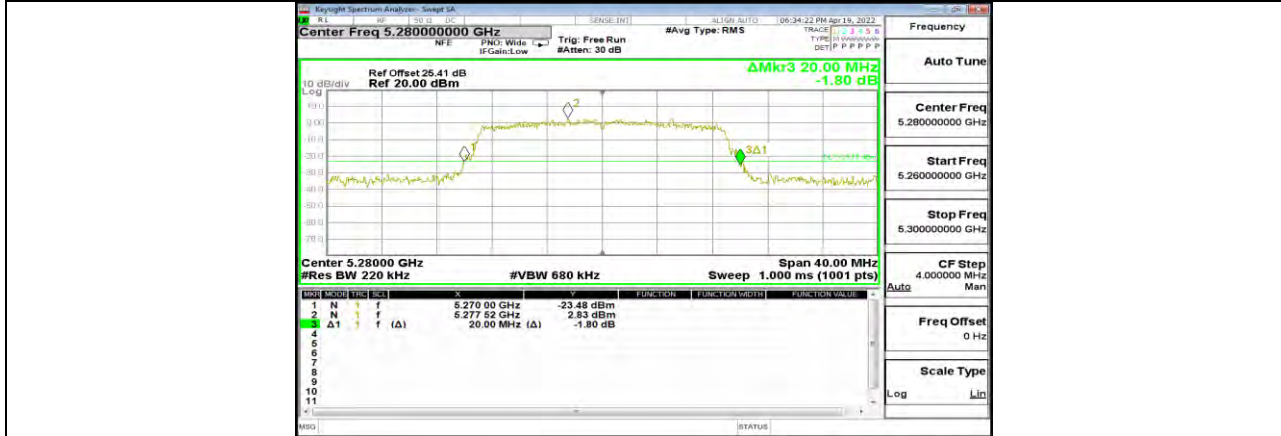
11N20MIMO Ant1 5260



11N20MIMO Ant2 5260



11N20MIMO Ant1 5280



11N20MIMO Ant2 5280



11N20MIMO Ant1 5320



11N20MIMO Ant2 5320



11N20MIMO Ant1 5500



11N20MIMO Ant2 5500



11N20MIMO Ant1 5580



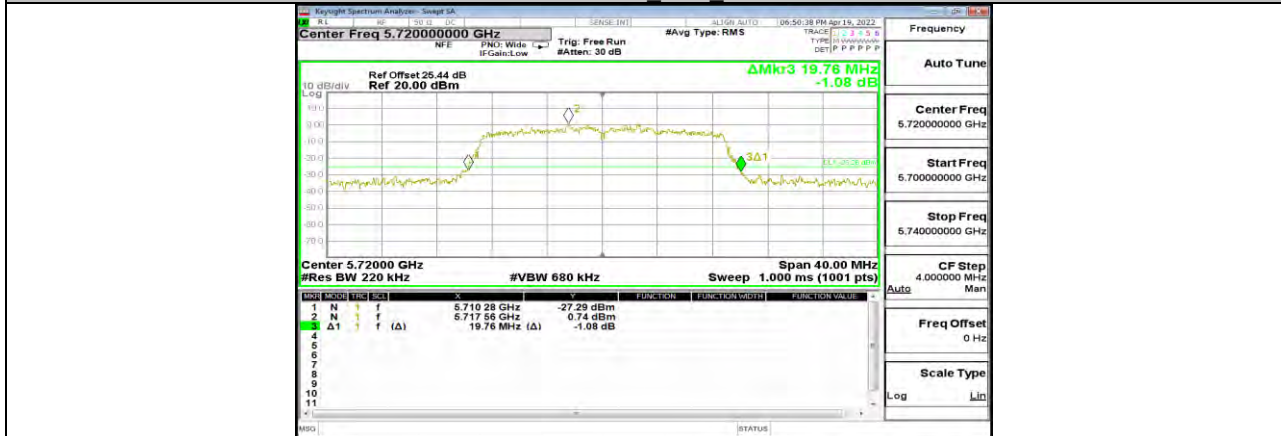
11N20MIMO Ant2 5580



11N20MIMO Ant1 5700



11N20MIMO Ant2 5700



11N20MIMO Ant1 5720



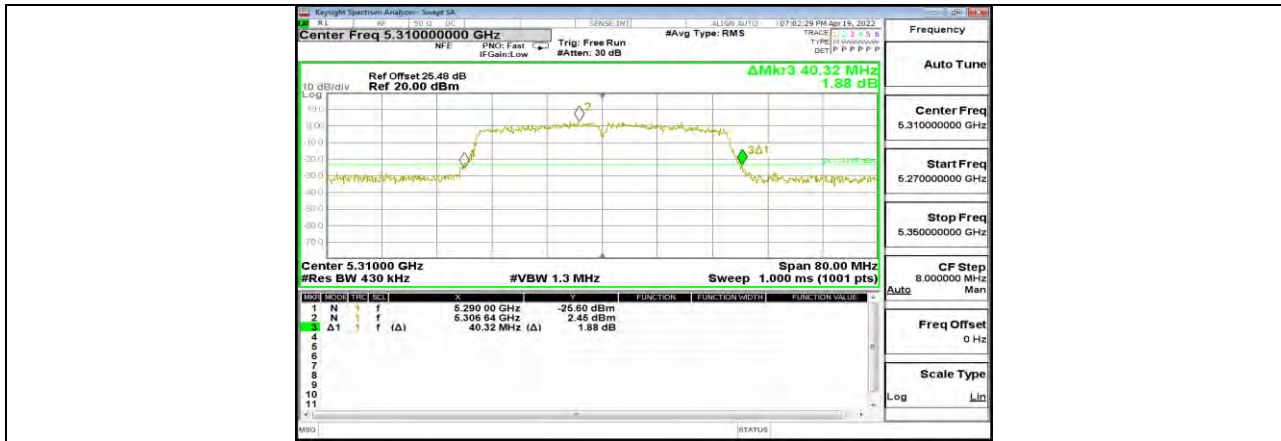
11N20MIMO Ant2 5720



11N40MIMO Ant1 5270



11N40MIMO Ant2 5270



11N40MIMO Ant1 5310



11N40MIMO Ant2 5310



11N40MIMO Ant1 5510



11N40MIMO Ant2 5510



11N40MIMO Ant1 5590



11N40MIMO Ant2 5590



11N40MIMO Ant1 5670



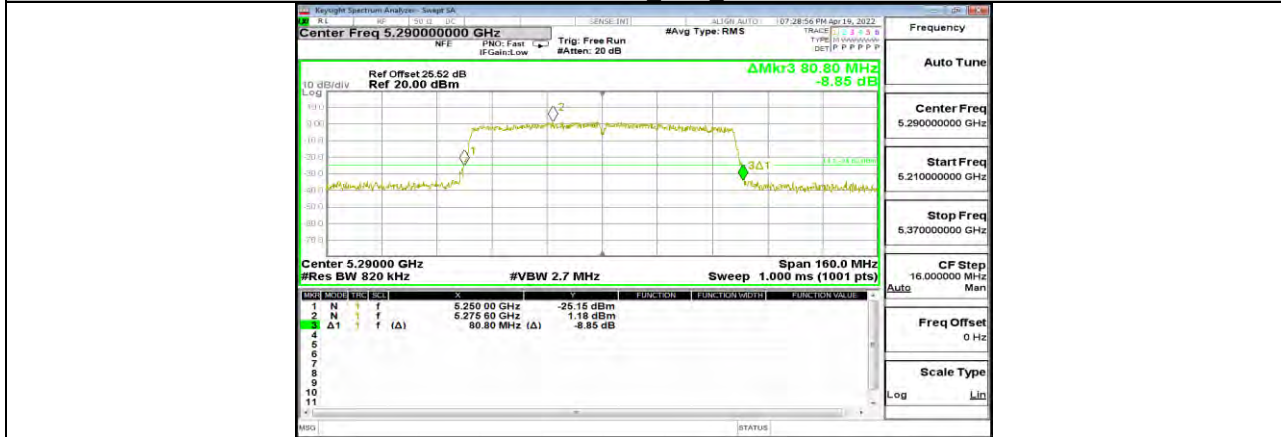
11N40MIMO Ant2 5670



11N40MIMO Ant1 5710



11N40MIMO Ant2 5710



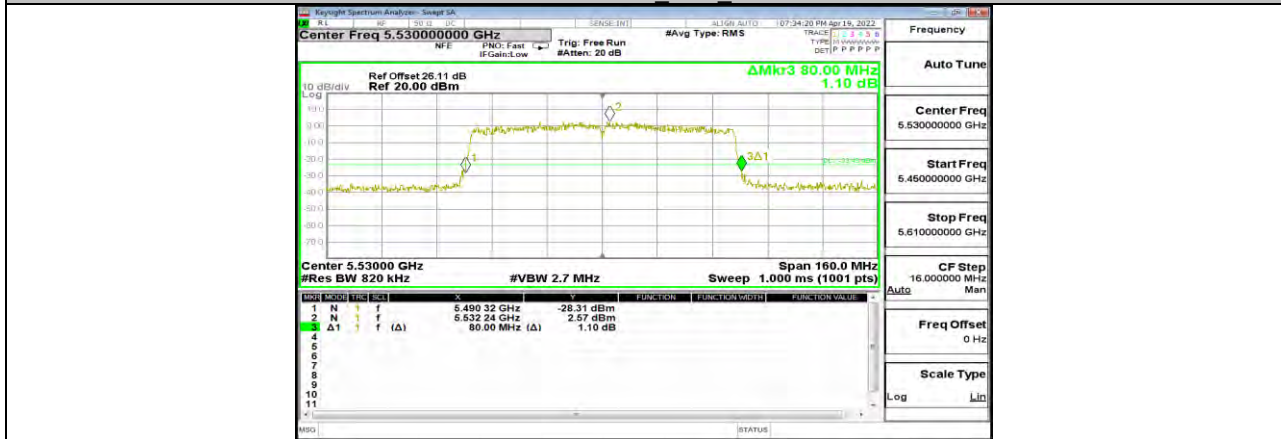
11AC80MIMO Ant1 5290



11AC80MIMO Ant2 5290



11AC80MIMO Ant1 5530



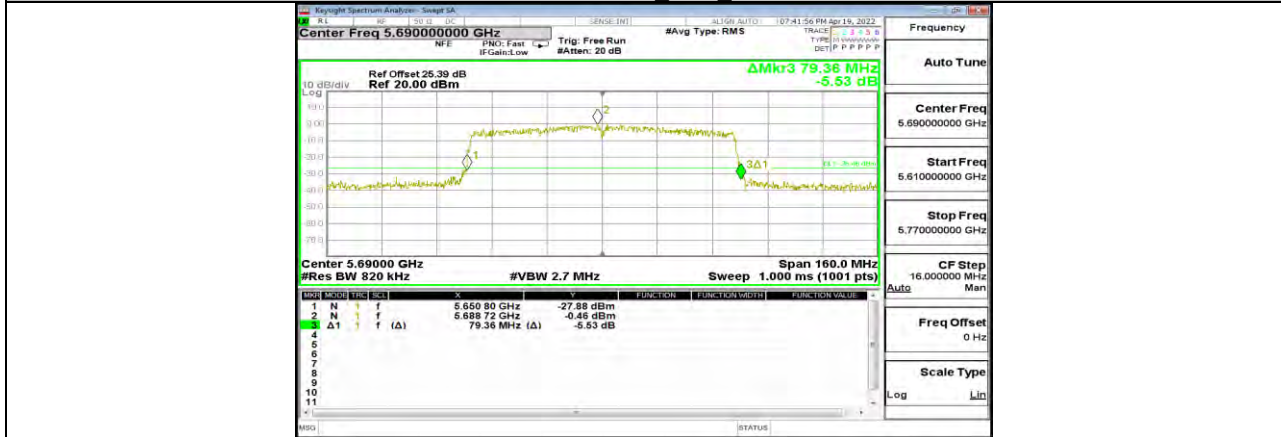
11AC80MIMO Ant2 5530



11AC80MIMO Ant1 5610



11AC80MIMO Ant2 5610



11AC80MIMO Ant1 5690



11AC80MIMO Ant2 5690

**11.2. Appendix A2: Occupied Channel Bandwidth****11.2.1. Test Result**

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Verdict |
|------------|---------|---------|-----------|----------|----------|---------|
| 11A 20 | Ant1 | 5180 | 16.532 | 5171.777 | 5188.309 | PASS |
| | Ant2 | 5180 | 16.625 | 5171.734 | 5188.359 | PASS |
| | Ant1 | 5200 | 16.649 | 5191.615 | 5208.264 | PASS |
| | Ant2 | 5200 | 16.572 | 5191.697 | 5208.269 | PASS |
| | Ant1 | 5240 | 16.785 | 5231.545 | 5248.330 | PASS |
| | Ant2 | 5240 | 16.497 | 5231.737 | 5248.234 | PASS |
| | Ant1 | 5745 | 16.703 | 5736.614 | 5753.317 | PASS |
| | Ant2 | 5745 | 16.587 | 5736.720 | 5753.307 | PASS |
| | Ant1 | 5785 | 16.601 | 5776.774 | 5793.375 | PASS |
| | Ant2 | 5785 | 16.618 | 5776.660 | 5793.278 | PASS |
| | Ant1 | 5825 | 16.662 | 5816.638 | 5833.300 | PASS |
| | Ant2 | 5825 | 16.636 | 5816.698 | 5833.334 | PASS |
| 11N20MIMO | Ant1 | 5180 | 17.636 | 5171.215 | 5188.851 | PASS |
| | Ant2 | 5180 | 17.572 | 5171.247 | 5188.819 | PASS |
| | Ant1 | 5200 | 17.663 | 5191.180 | 5208.843 | PASS |
| | Ant2 | 5200 | 17.801 | 5191.089 | 5208.890 | PASS |
| | Ant1 | 5240 | 17.729 | 5231.110 | 5248.839 | PASS |
| | Ant2 | 5240 | 17.707 | 5231.178 | 5248.885 | PASS |
| | Ant1 | 5745 | 17.741 | 5736.117 | 5753.858 | PASS |
| | Ant2 | 5745 | 17.700 | 5736.192 | 5753.892 | PASS |
| | Ant1 | 5785 | 17.658 | 5776.180 | 5793.838 | PASS |
| | Ant2 | 5785 | 17.682 | 5776.163 | 5793.845 | PASS |
| | Ant1 | 5825 | 17.730 | 5816.197 | 5833.927 | PASS |
| | Ant2 | 5825 | 17.737 | 5816.143 | 5833.880 | PASS |
| 11N40MIMO | Ant1 | 5190 | 36.154 | 5172.017 | 5208.171 | PASS |
| | Ant2 | 5190 | 35.885 | 5172.140 | 5208.025 | PASS |
| | Ant1 | 5230 | 35.944 | 5212.109 | 5248.053 | PASS |
| | Ant2 | 5230 | 36.051 | 5212.002 | 5248.053 | PASS |
| | Ant1 | 5755 | 36.202 | 5736.993 | 5773.195 | PASS |
| | Ant2 | 5755 | 36.029 | 5737.097 | 5773.126 | PASS |
| | Ant1 | 5795 | 36.194 | 5776.947 | 5813.141 | PASS |
| | Ant2 | 5795 | 36.213 | 5777.032 | 5813.245 | PASS |
| 11AC80MIMO | Ant1 | 5210 | 75.399 | 5172.406 | 5247.805 | PASS |
| | Ant2 | 5210 | 75.529 | 5172.382 | 5247.911 | PASS |
| | Ant1 | 5775 | 75.924 | 5737.153 | 5813.077 | PASS |
| | Ant2 | 5775 | 75.692 | 5737.338 | 5813.030 | PASS |



| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Verdict |
|------------|-------------|--------------|-----------|----------|----------|---------|
| 11A | Ant1 | 5260 | 16.542 | 5251.719 | 5268.261 | PASS |
| | Ant2 | 5260 | 16.530 | 5251.780 | 5268.310 | PASS |
| | Ant1 | 5280 | 16.651 | 5271.666 | 5288.317 | PASS |
| | Ant2 | 5280 | 16.479 | 5271.730 | 5288.209 | PASS |
| | Ant1 | 5320 | 16.719 | 5311.641 | 5328.360 | PASS |
| | Ant2 | 5320 | 16.626 | 5311.698 | 5328.324 | PASS |
| | Ant1 | 5500 | 16.675 | 5491.602 | 5508.277 | PASS |
| | Ant2 | 5500 | 16.523 | 5491.747 | 5508.270 | PASS |
| | Ant1 | 5580 | 16.605 | 5571.701 | 5588.306 | PASS |
| | Ant2 | 5580 | 16.800 | 5571.667 | 5588.467 | PASS |
| | Ant1 | 5700 | 16.596 | 5691.694 | 5708.290 | PASS |
| | Ant2 | 5700 | 16.627 | 5691.651 | 5708.278 | PASS |
| | Ant1 | 5720 | 16.658 | 5711.621 | 5728.279 | PASS |
| | Ant2 | 5720 | 16.643 | 5711.634 | 5728.277 | PASS |
| | Ant1 | 5720 UNII-2C | 13.379 | 5711.621 | 5725 | PASS |
| | Ant2 | 5720 UNII-2C | 13.366 | 5711.634 | 5725 | PASS |
| Ant1 | 5720 UNII-3 | 3.279 | 5725 | 5728.279 | PASS | |
| Ant2 | 5720 UNII-3 | 3.277 | 5725 | 5728.277 | PASS | |
| 11N20MIMO | Ant1 | 5260 | 17.648 | 5251.227 | 5268.875 | PASS |
| | Ant2 | 5260 | 17.700 | 5251.180 | 5268.880 | PASS |
| | Ant1 | 5280 | 17.642 | 5271.155 | 5288.797 | PASS |
| | Ant2 | 5280 | 17.712 | 5271.148 | 5288.860 | PASS |
| | Ant1 | 5320 | 17.643 | 5311.142 | 5328.785 | PASS |
| | Ant2 | 5320 | 17.750 | 5311.181 | 5328.931 | PASS |
| | Ant1 | 5500 | 17.636 | 5491.252 | 5508.888 | PASS |
| | Ant2 | 5500 | 17.710 | 5491.213 | 5508.923 | PASS |
| | Ant1 | 5580 | 17.652 | 5571.230 | 5588.882 | PASS |
| | Ant2 | 5580 | 17.763 | 5571.178 | 5588.941 | PASS |
| | Ant1 | 5700 | 17.668 | 5691.167 | 5708.835 | PASS |
| | Ant2 | 5700 | 17.625 | 5691.226 | 5708.851 | PASS |
| | Ant1 | 5720 | 17.791 | 5711.194 | 5728.985 | PASS |
| | Ant2 | 5720 | 17.706 | 5711.235 | 5728.941 | PASS |
| | Ant1 | 5720 UNII-2C | 13.806 | 5711.194 | 5725 | PASS |
| | Ant2 | 5720 UNII-2C | 13.765 | 5711.235 | 5725 | PASS |
| Ant1 | 5720 UNII-3 | 3.985 | 5725 | 5728.985 | PASS | |
| Ant2 | 5720 UNII-3 | 3.941 | 5725 | 5728.941 | PASS | |
| 11N40MIMO | Ant1 | 5270 | 36.176 | 5251.915 | 5288.091 | PASS |
| | Ant2 | 5270 | 36.145 | 5251.949 | 5288.094 | PASS |
| | Ant1 | 5310 | 36.086 | 5292.049 | 5328.135 | PASS |
| | Ant2 | 5310 | 36.174 | 5292.058 | 5328.232 | PASS |
| | Ant1 | 5510 | 36.211 | 5492.034 | 5528.245 | PASS |
| | Ant2 | 5510 | 36.169 | 5491.941 | 5528.110 | PASS |
| | Ant1 | 5590 | 36.265 | 5571.915 | 5608.180 | PASS |
| | Ant2 | 5590 | 36.072 | 5572.108 | 5608.180 | PASS |
| | Ant1 | 5670 | 36.195 | 5651.969 | 5688.164 | PASS |
| | Ant2 | 5670 | 36.140 | 5652.054 | 5688.194 | PASS |
| | Ant1 | 5710 | 36.215 | 5691.905 | 5728.120 | PASS |
| | Ant2 | 5710 | 36.276 | 5691.894 | 5728.170 | PASS |
| | Ant1 | 5710 UNII-2C | 33.095 | 5691.905 | 5725 | PASS |
| | Ant2 | 5710 UNII-2C | 33.106 | 5691.894 | 5725 | PASS |
| | Ant1 | 5710 UNII-3 | 3.12 | 5725 | 5728.120 | PASS |
| | Ant2 | 5710 UNII-3 | 3.17 | 5725 | 5728.170 | PASS |
| 11AC80MIMO | Ant1 | 5290 | 75.878 | 5252.123 | 5328.001 | PASS |
| | Ant2 | 5290 | 75.716 | 5252.274 | 5327.990 | PASS |
| | Ant1 | 5530 | 76.306 | 5492.121 | 5568.427 | PASS |
| | Ant2 | 5530 | 76.015 | 5492.173 | 5568.188 | PASS |
| | Ant1 | 5610 | 76.270 | 5572.042 | 5648.312 | PASS |
| | Ant2 | 5610 | 75.715 | 5572.441 | 5648.156 | PASS |

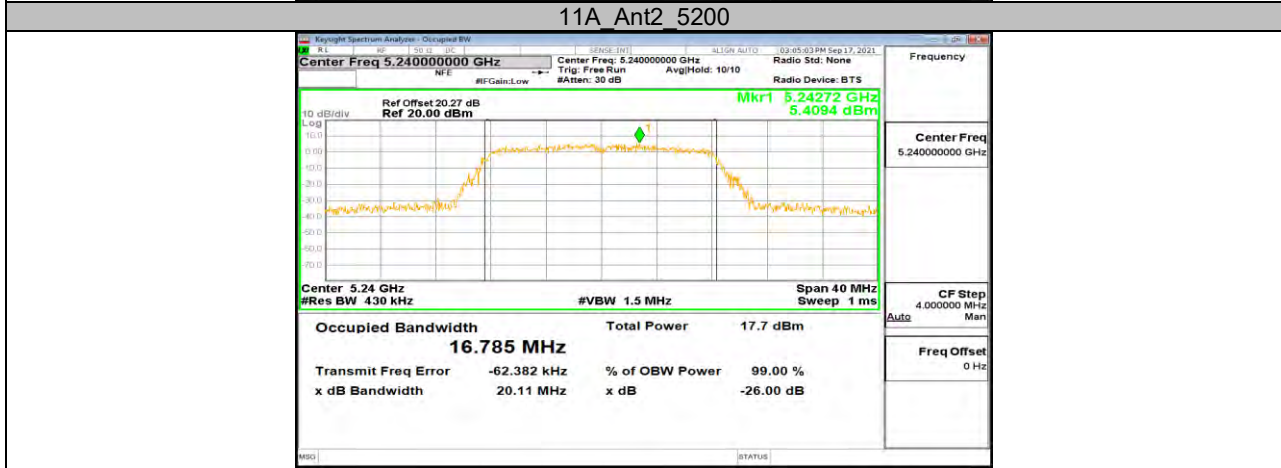
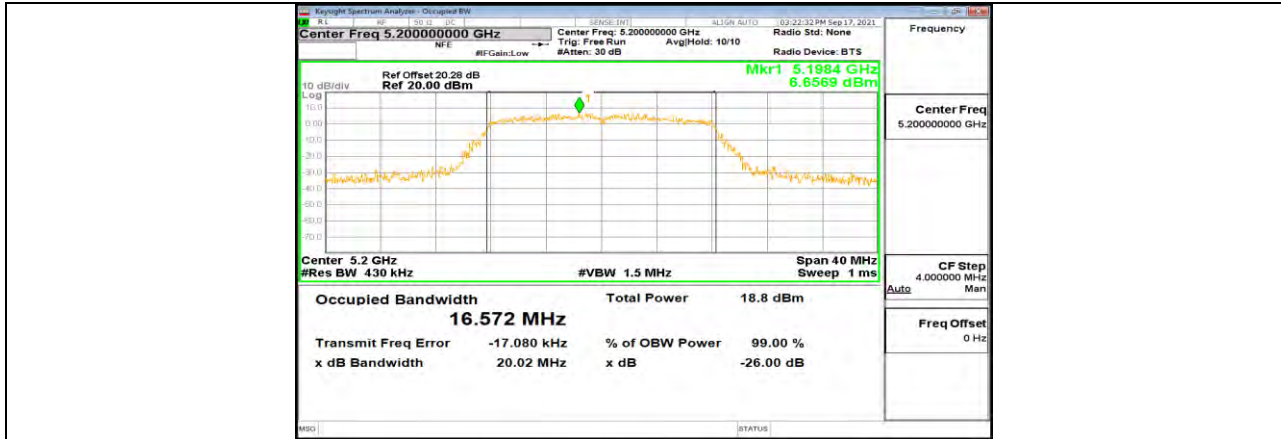


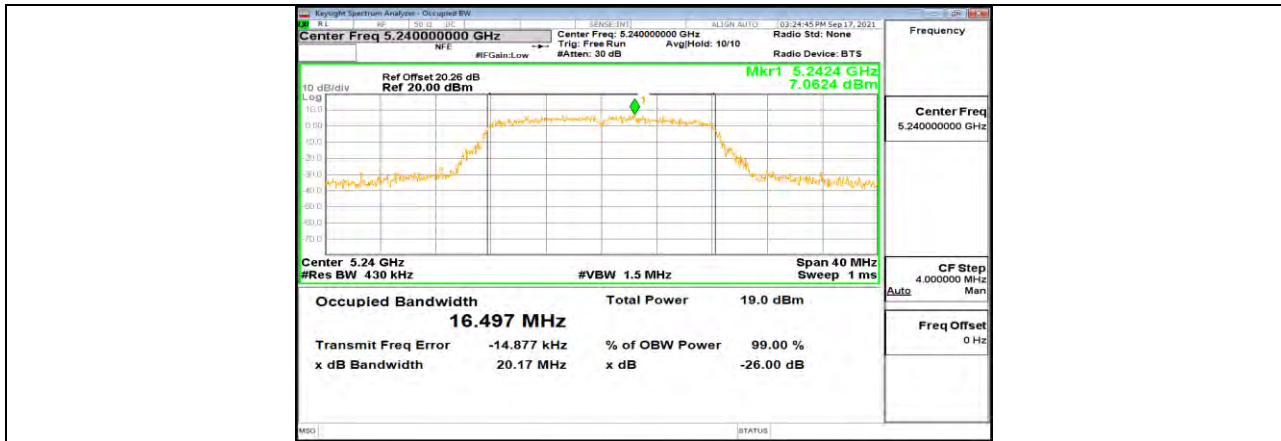
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|--|------|--------------|--------|----------|----------|------|
| | Ant1 | 5690 | 75.943 | 5652.141 | 5728.084 | PASS |
| | Ant2 | 5690 | 75.770 | 5652.260 | 5728.030 | PASS |
| | Ant1 | 5690 UNII-2C | 72.859 | 5652.141 | 5725 | PASS |
| | Ant2 | 5690 UNII-2C | 72.74 | 5652.260 | 5725 | PASS |
| | Ant1 | 5690 UNII-3 | 3.084 | 5725 | 5728.084 | PASS |
| | Ant2 | 5690 UNII-3 | 3.03 | 5725 | 5728.030 | PASS |



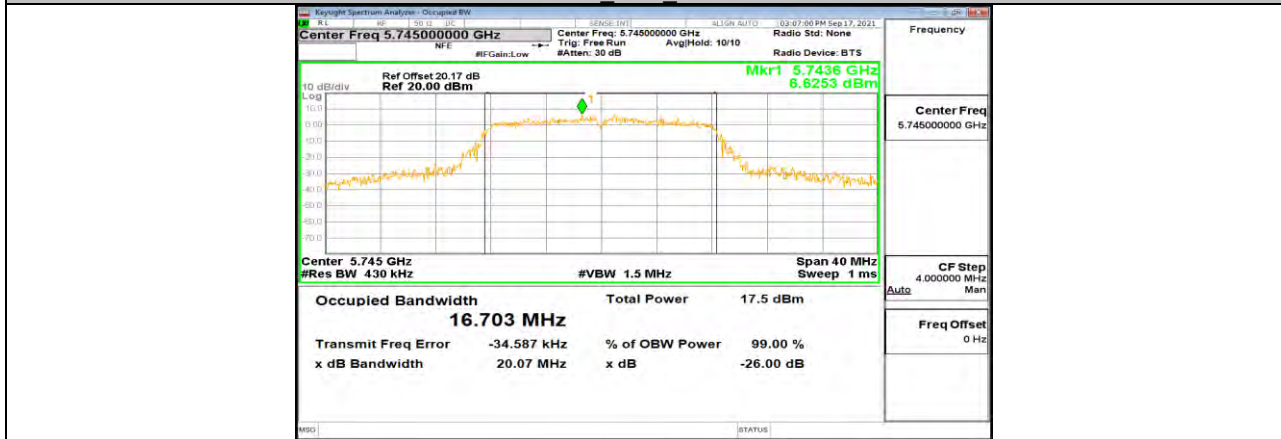
11.2.2. Test Graphs



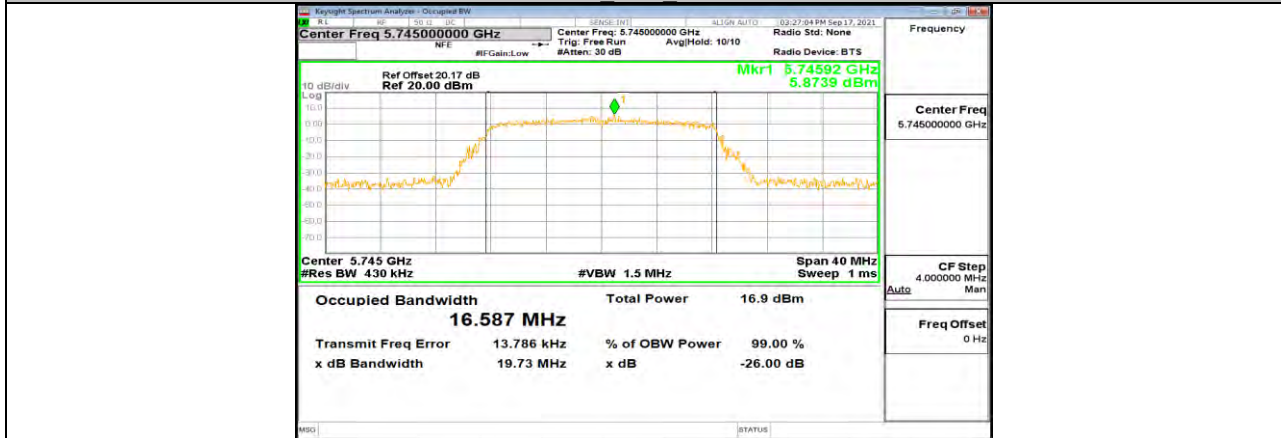




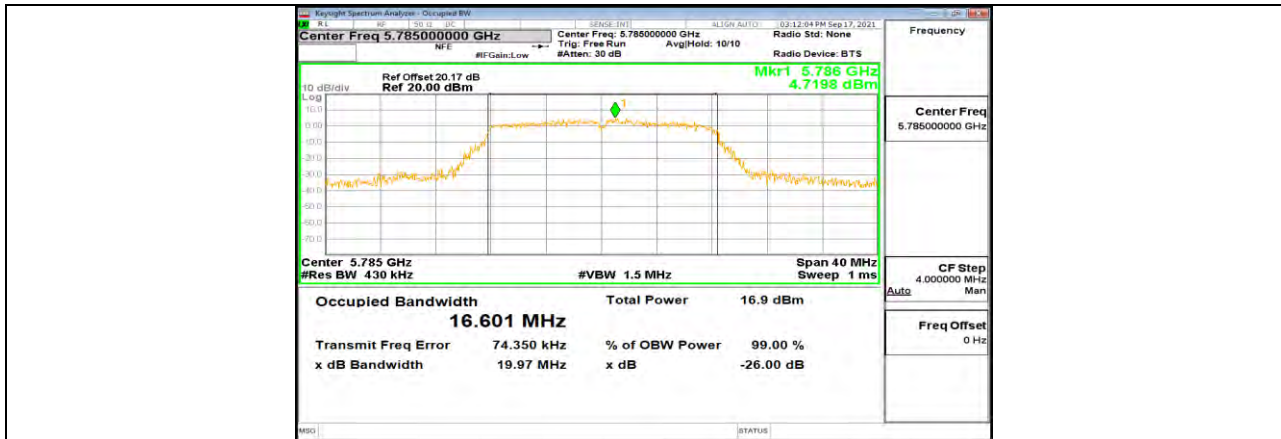
11A Ant2 5240



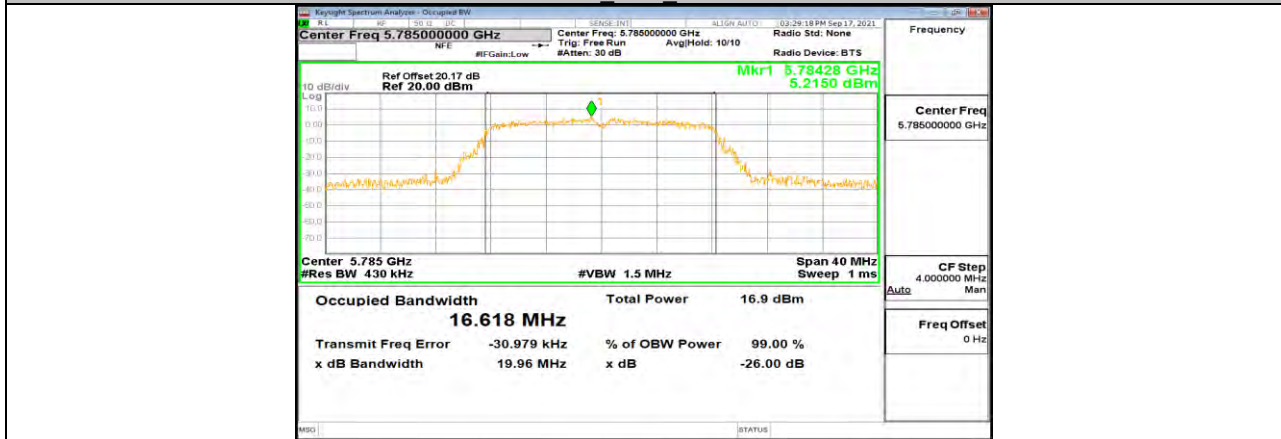
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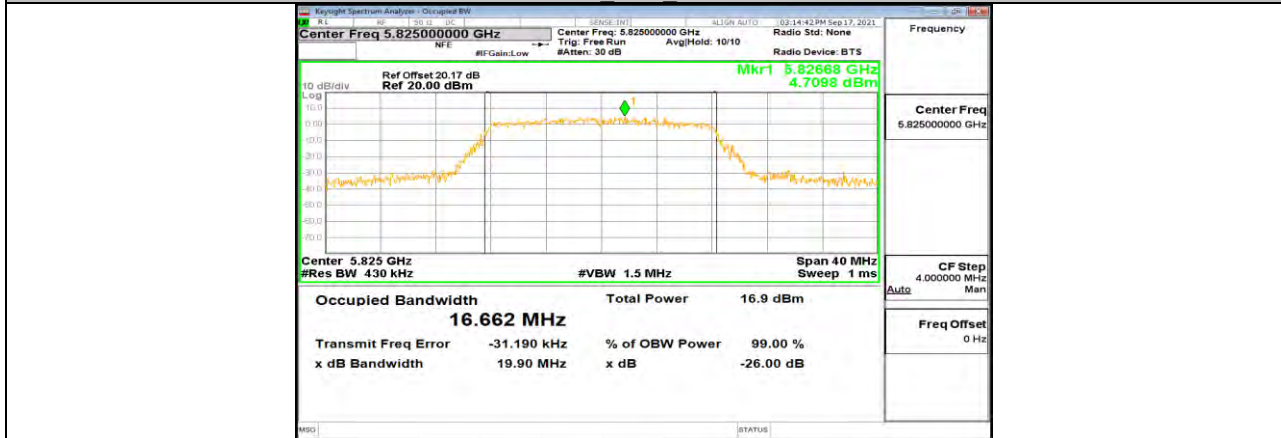
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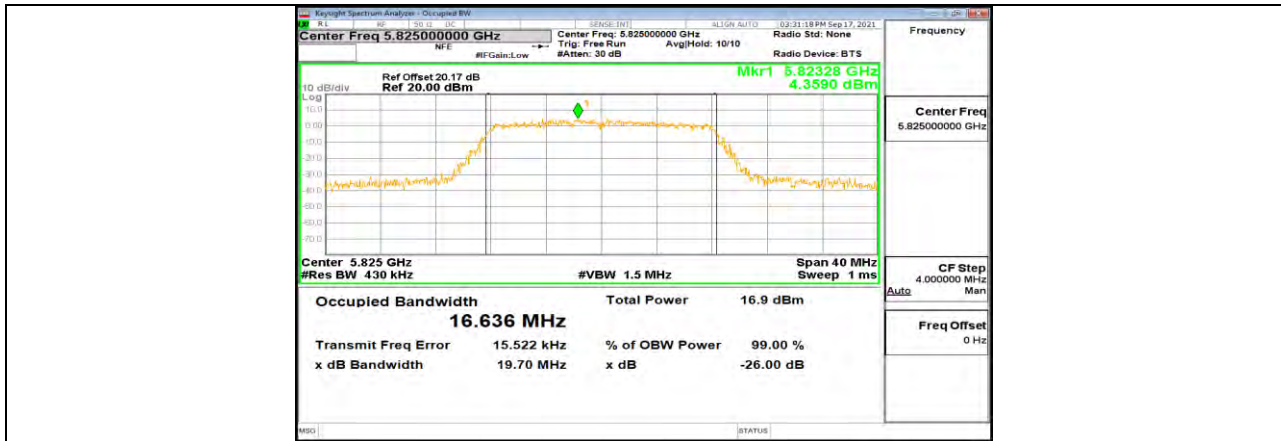
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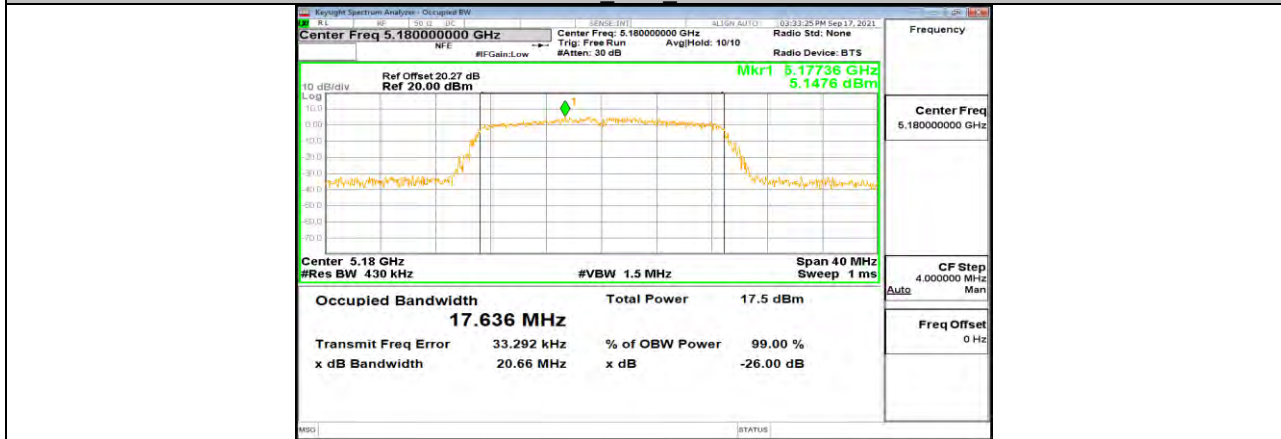
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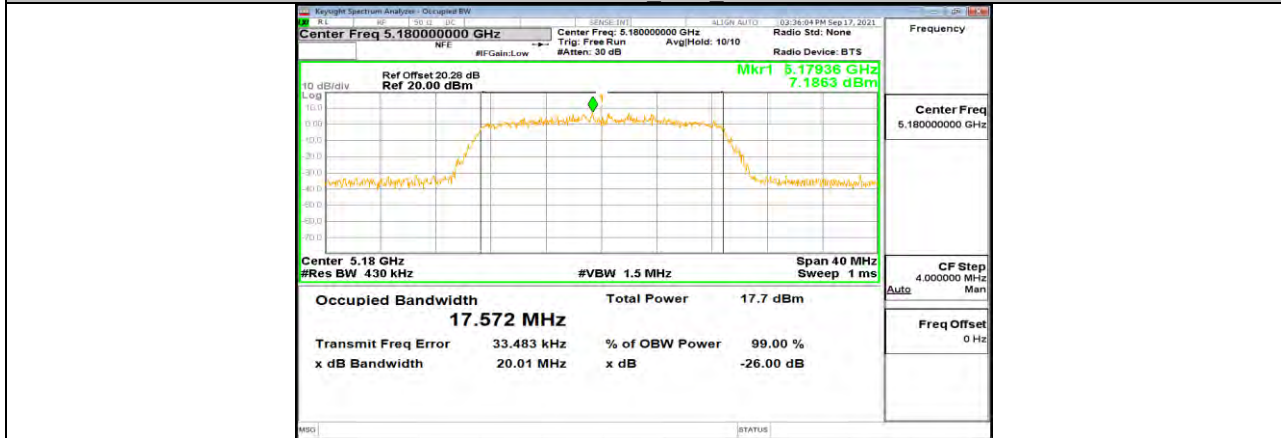
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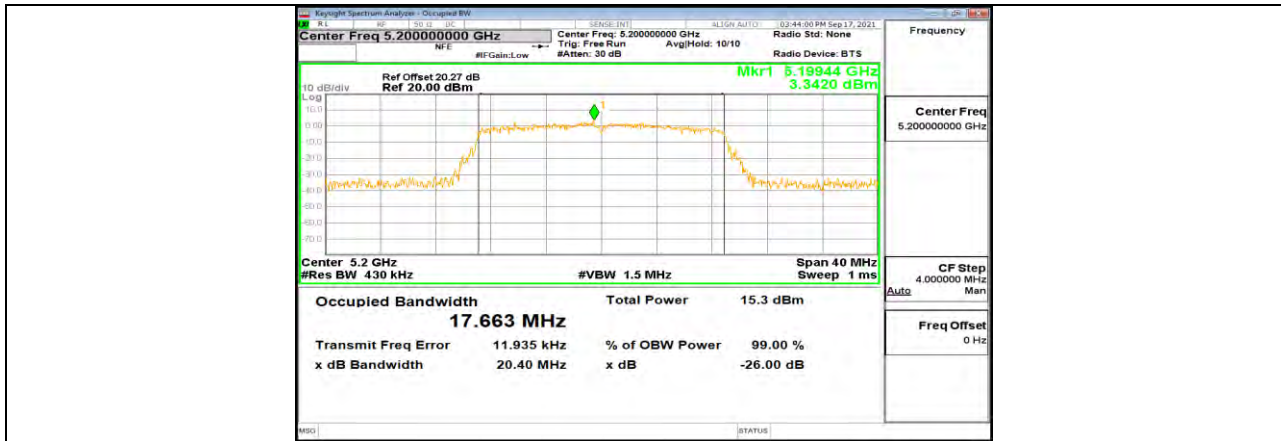
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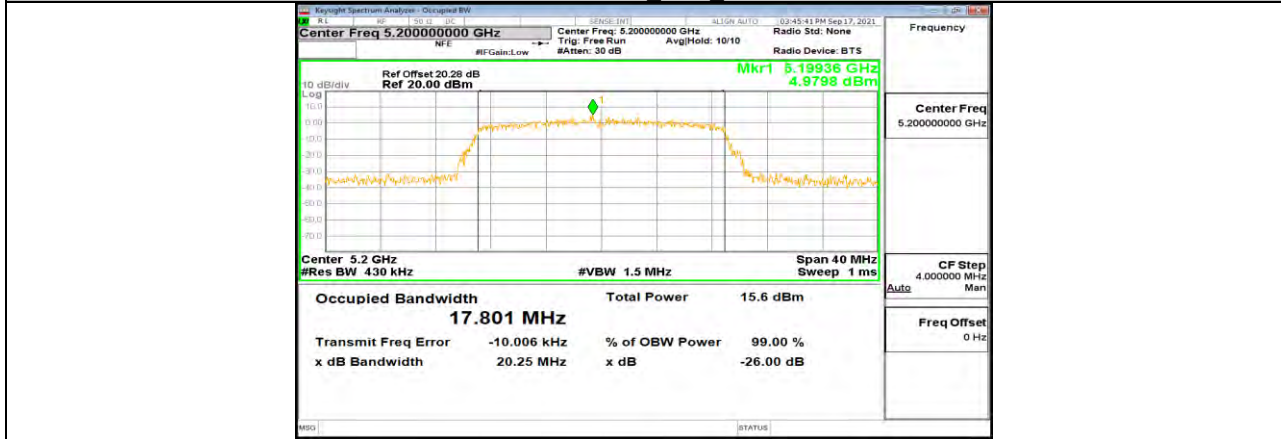
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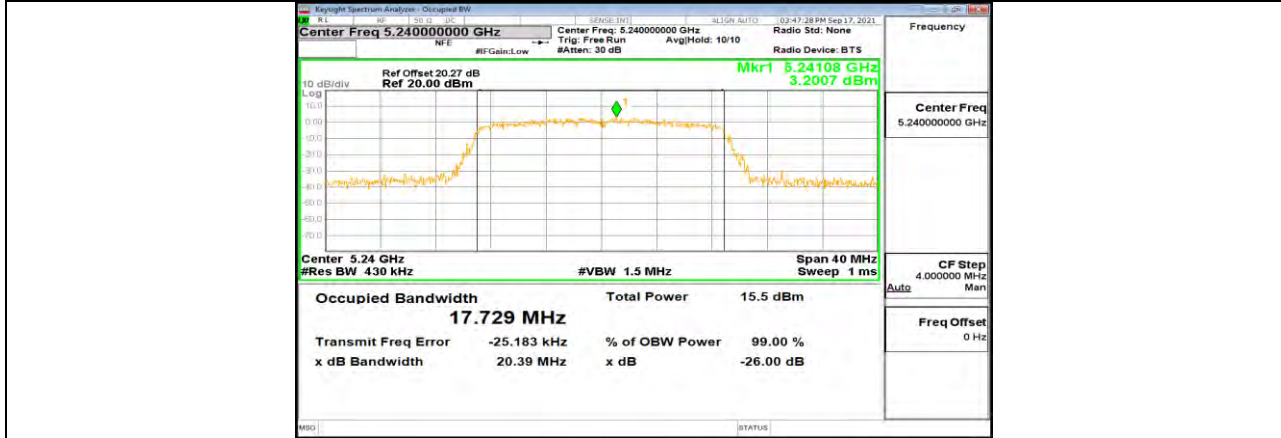
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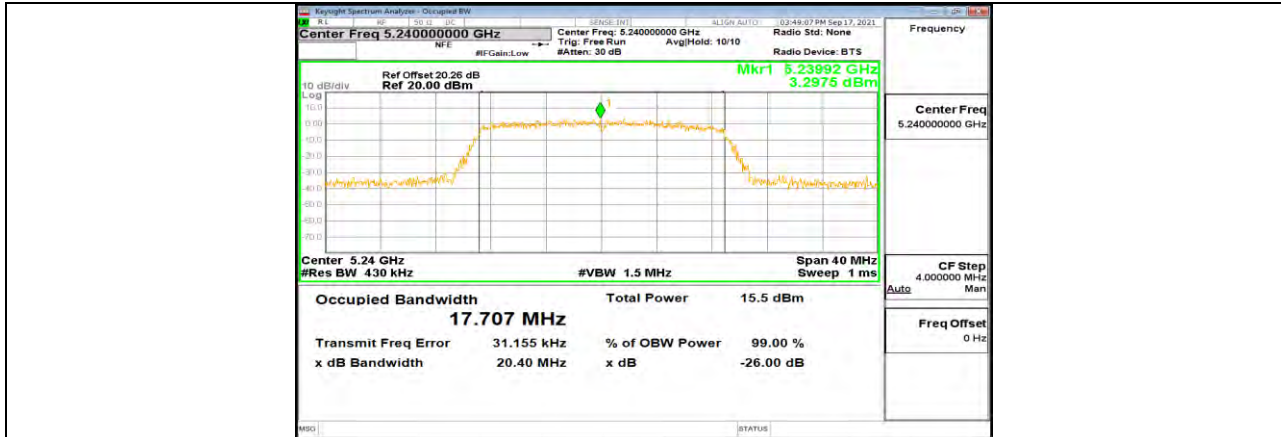
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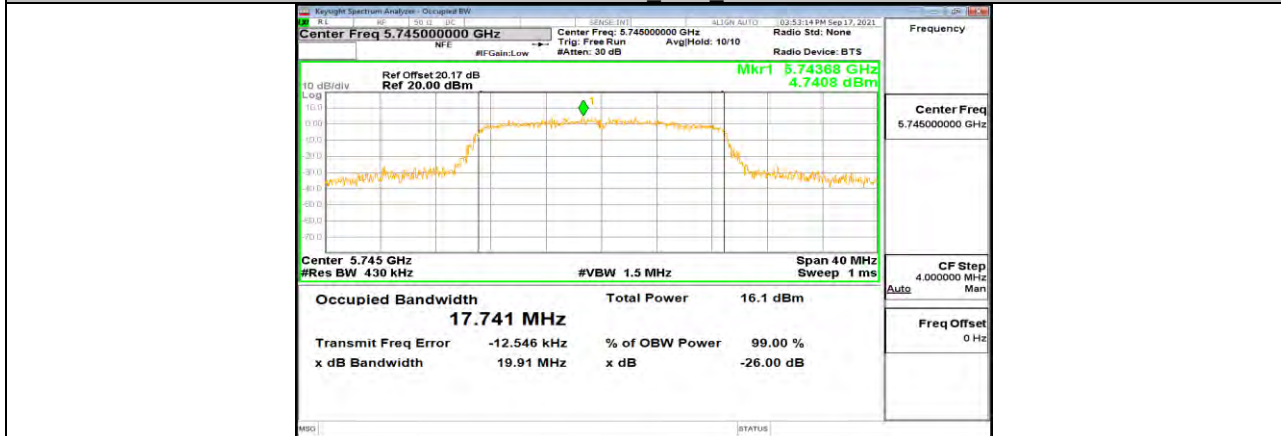
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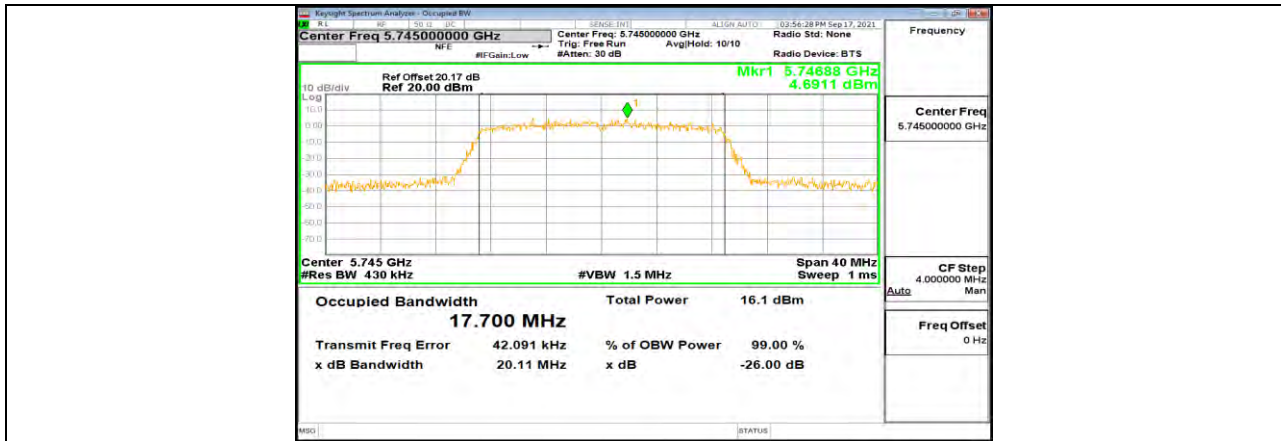
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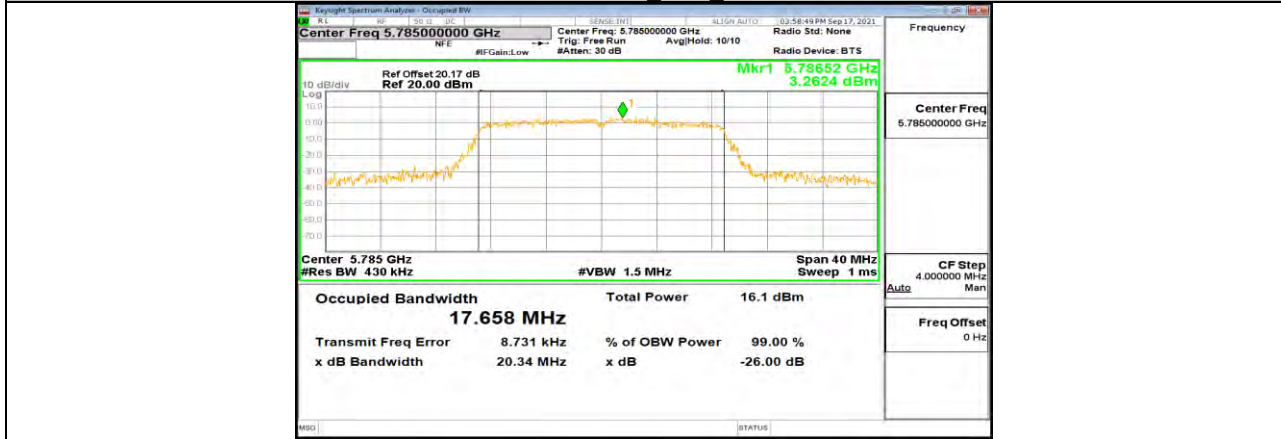
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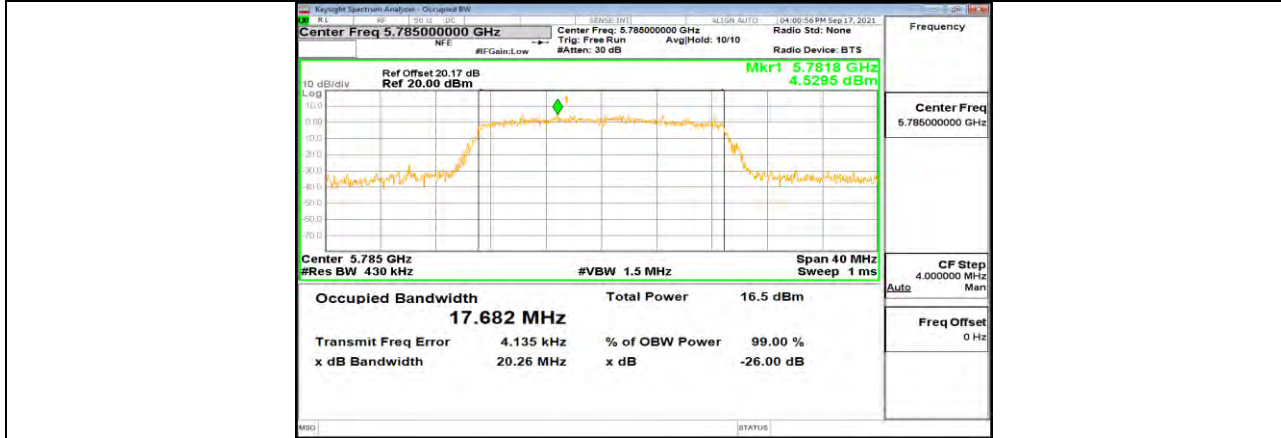
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11N20MIMO Ant2 5745



11N20MIMO Ant1 5785



11N20MIMO Ant2 5785