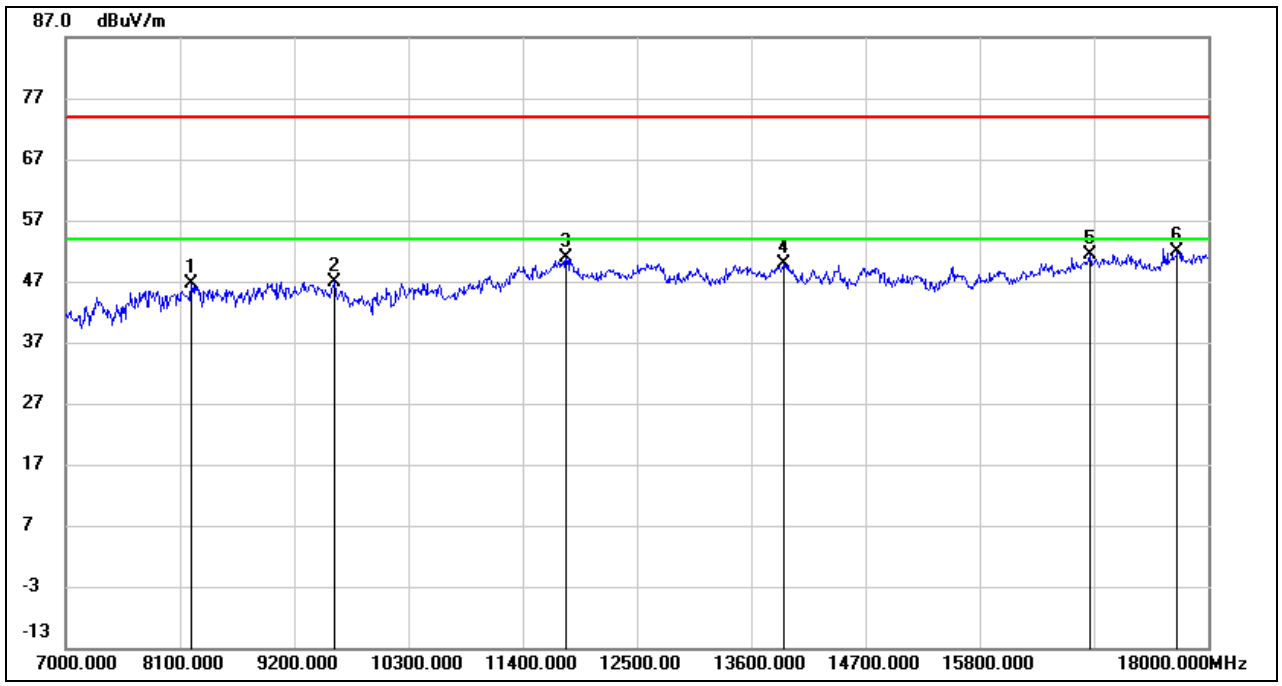
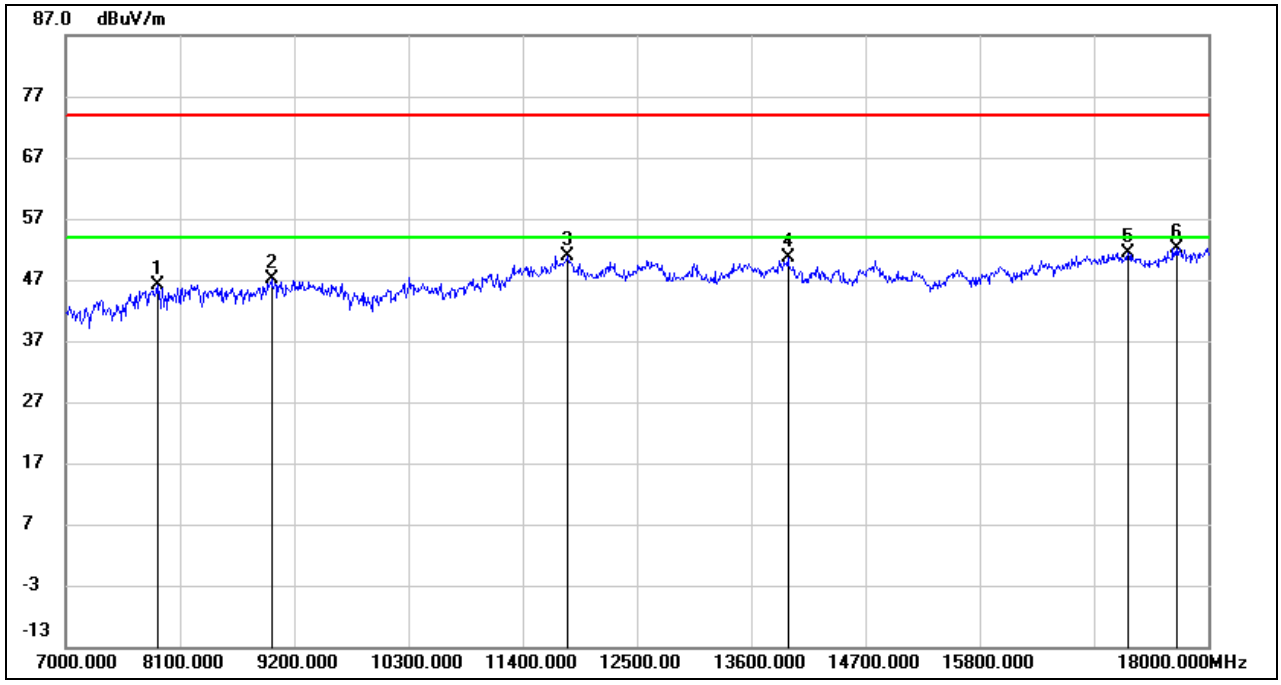
## HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8210.000 | 37.23 | 9.32 | 46.55 | 74.00 | -27.45 | peak |
| 2 | 9585.000 | 36.44 | 10.47 | 46.91 | 74.00 | -27.09 | peak |
| 3 | 11818.000 | 35.20 | 15.58 | 50.78 | 74.00 | -23.22 | peak |
| 4 | 13919.000 | 32.97 | 16.89 | 49.86 | 74.00 | -24.14 | peak |
| 5 | 16856.000 | 31.60 | 19.87 | 51.47 | 74.00 | -22.53 | peak |
| 6 | 17703.000 | 29.90 | 21.96 | 51.86 | 74.00 | -22.14 | 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)

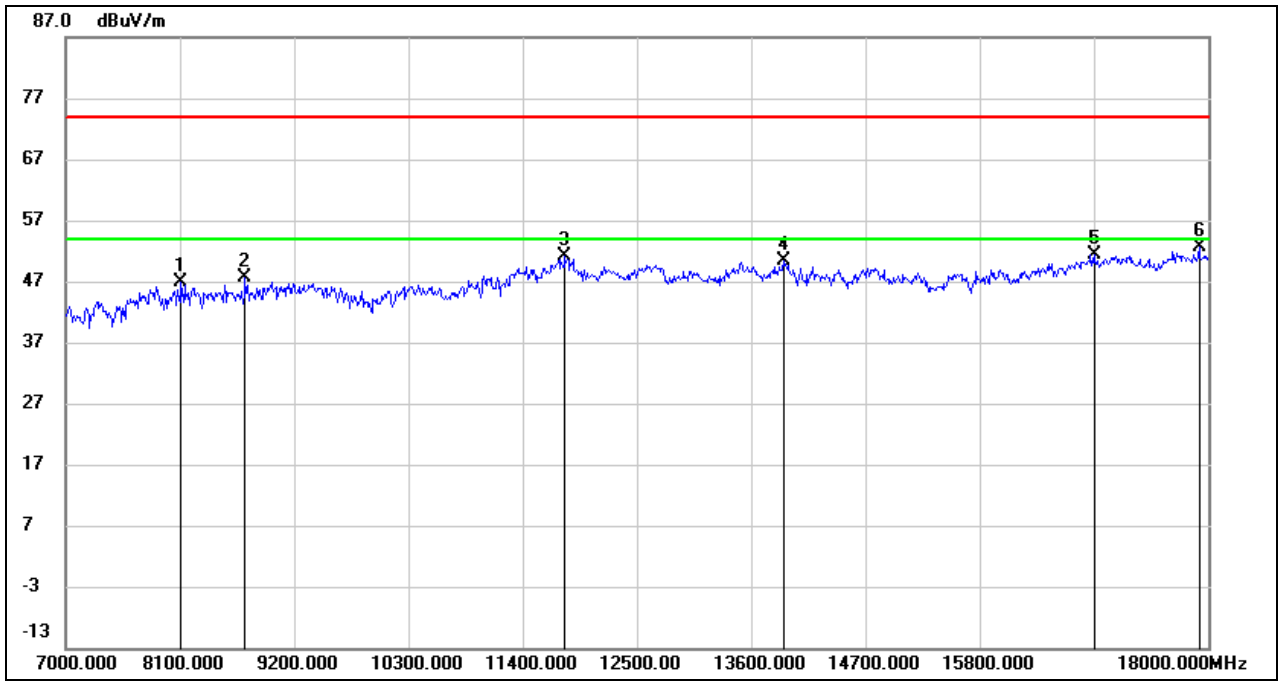



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 7880.000 | 38.17 | 8.01 | 46.18 | 74.00 | -27.82 | peak |
| 2 | 8980.000 | 36.72 | 10.41 | 47.13 | 74.00 | -26.87 | peak |
| 3 | 11829.000 | 35.34 | 15.57 | 50.91 | 74.00 | -23.09 | peak |
| 4 | 13952.000 | 33.68 | 16.88 | 50.56 | 74.00 | -23.44 | peak |
| 5 | 17230.000 | 30.43 | 20.99 | 51.42 | 74.00 | -22.58 | peak |
| 6 | 17692.000 | 30.22 | 21.87 | 52.09 | 74.00 | -21.91 | 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.
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

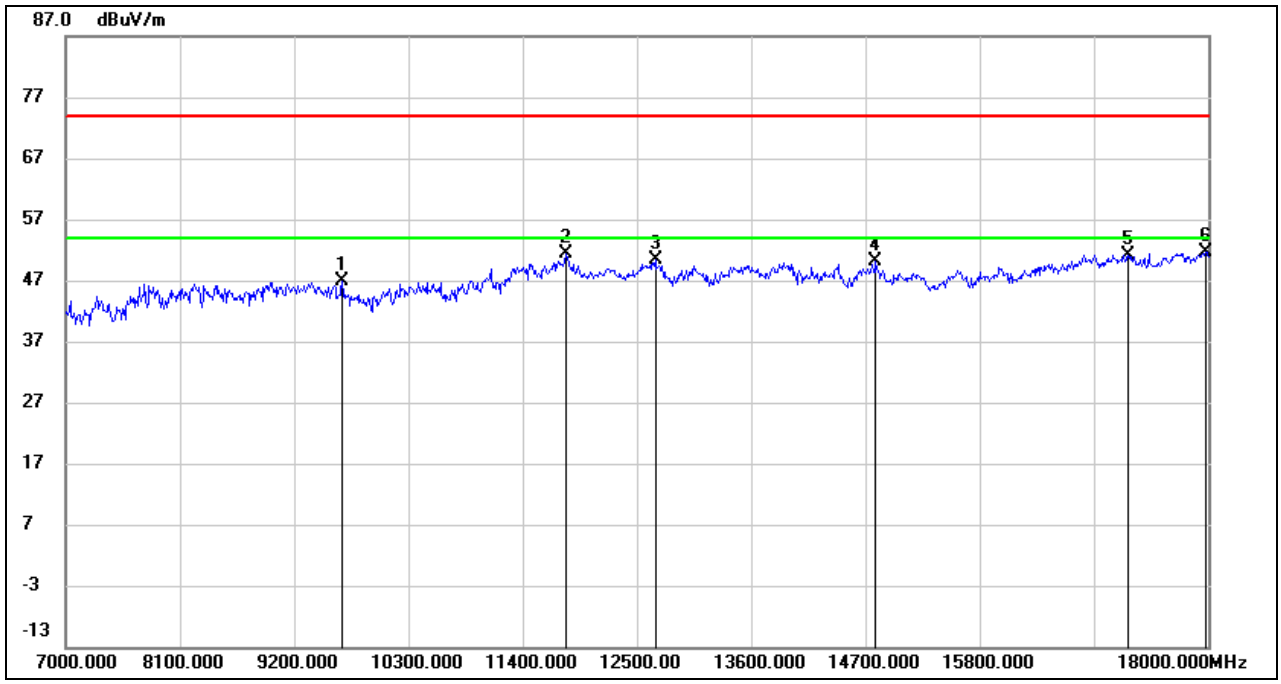
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8111.000 | 38.37 | 8.61 | 46.98 | 74.00 | -27.02 | peak |
| 2 | 8727.000 | 39.10 | 8.53 | 47.63 | 74.00 | -26.37 | peak |
| 3 | 11807.000 | 35.55 | 15.61 | 51.16 | 74.00 | -22.84 | peak |
| 4 | 13908.000 | 33.40 | 16.90 | 50.30 | 74.00 | -23.70 | peak |
| 5 | 16900.000 | 31.48 | 19.98 | 51.46 | 74.00 | -22.54 | peak |
| 6 | 17912.000 | 29.97 | 22.69 | 52.66 | 74.00 | -21.34 | 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.

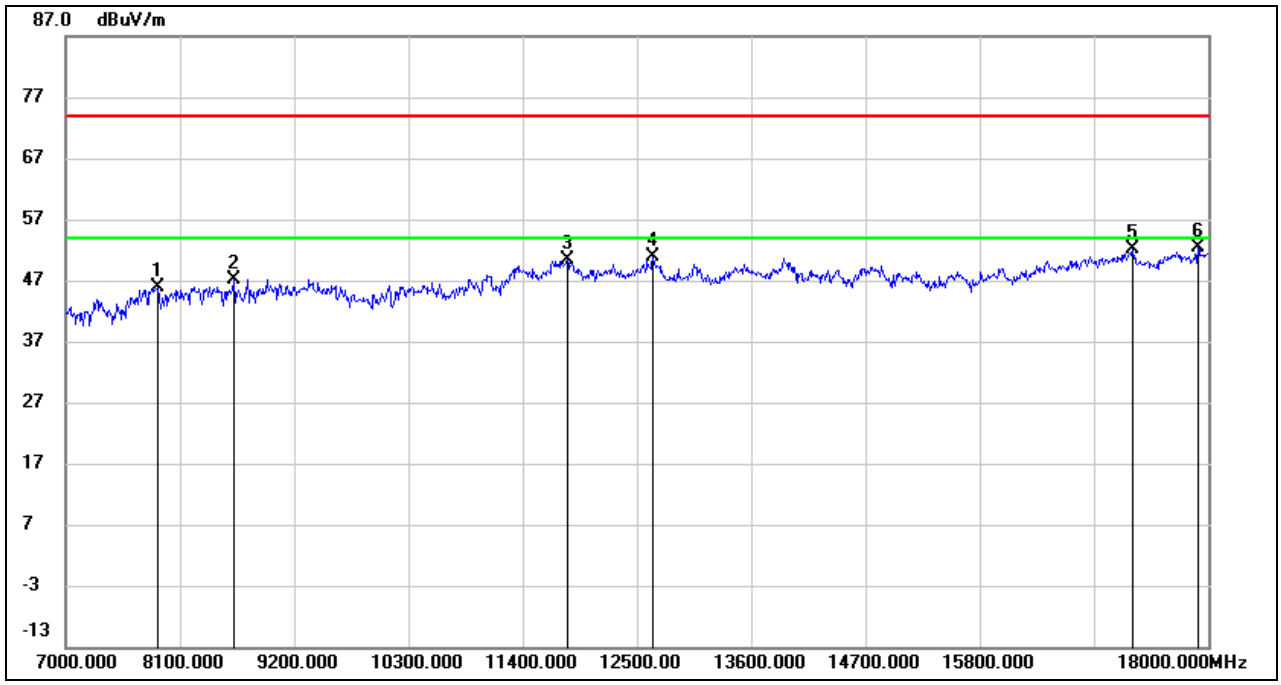
## HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 9662.000 | 36.51 | 10.32 | 46.83 | 74.00 | -27.17 | peak |
| 2 | 11818.000 | 35.71 | 15.58 | 51.29 | 74.00 | -22.71 | peak |
| 3 | 12676.000 | 34.96 | 15.42 | 50.38 | 74.00 | -23.62 | peak |
| 4 | 14799.000 | 33.36 | 16.80 | 50.16 | 74.00 | -23.84 | peak |
| 5 | 17230.000 | 30.21 | 20.99 | 51.20 | 74.00 | -22.80 | peak |
| 6 | 17978.000 | 28.84 | 22.68 | 51.52 | 74.00 | -22.48 | 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.

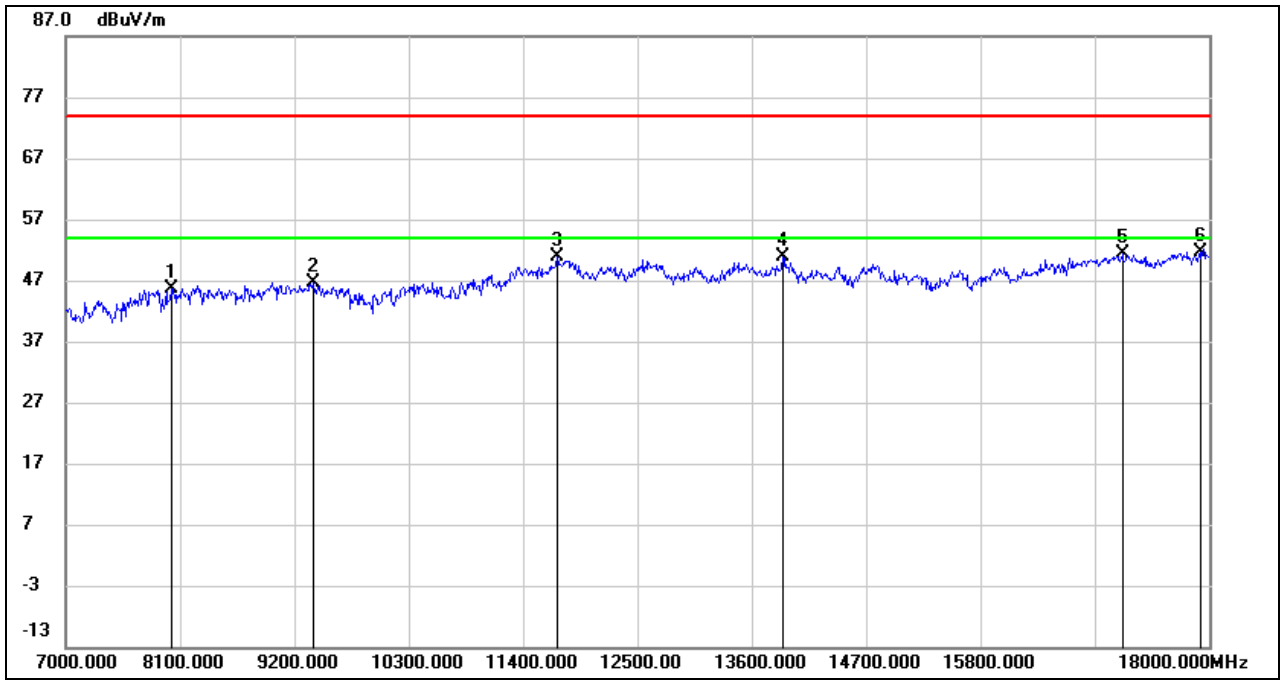
## HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 7891.000 | 37.80 | 7.98 | 45.78 | 74.00 | -28.22 | peak |
| 2 | 8617.000 | 38.65 | 8.55 | 47.20 | 74.00 | -26.80 | peak |
| 3 | 11829.000 | 34.77 | 15.57 | 50.34 | 74.00 | -23.66 | peak |
| 4 | 12654.000 | 35.42 | 15.38 | 50.80 | 74.00 | -23.20 | peak |
| 5 | 17274.000 | 31.24 | 20.93 | 52.17 | 74.00 | -21.83 | peak |
| 6 | 17901.000 | 29.65 | 22.69 | 52.34 | 74.00 | -21.66 | 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)

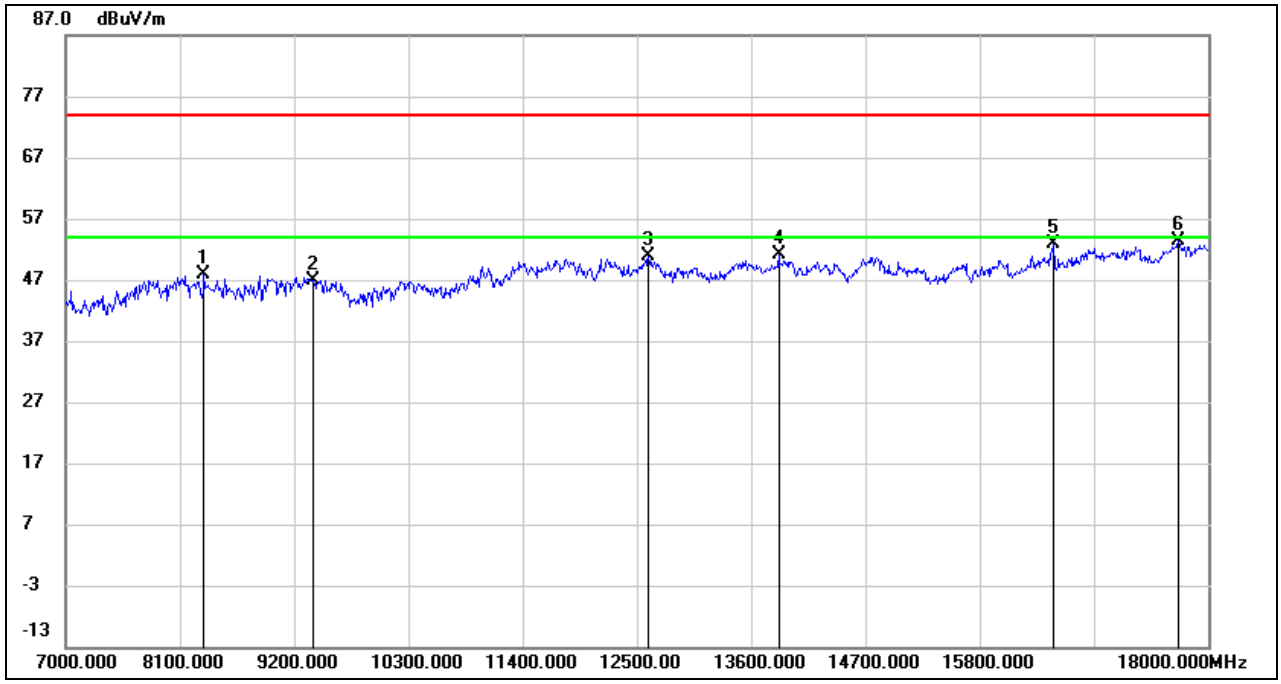



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8012.000 | 37.96 | 7.76 | 45.72 | 74.00 | -28.28 | peak |
| 2 | 9376.000 | 36.36 | 10.19 | 46.55 | 74.00 | -27.45 | peak |
| 3 | 11730.000 | 35.67 | 15.23 | 50.90 | 74.00 | -23.10 | peak |
| 4 | 13897.000 | 33.88 | 16.90 | 50.78 | 74.00 | -23.22 | peak |
| 5 | 17164.000 | 30.57 | 20.89 | 51.46 | 74.00 | -22.54 | peak |
| 6 | 17912.000 | 28.87 | 22.69 | 51.56 | 74.00 | -22.44 | 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

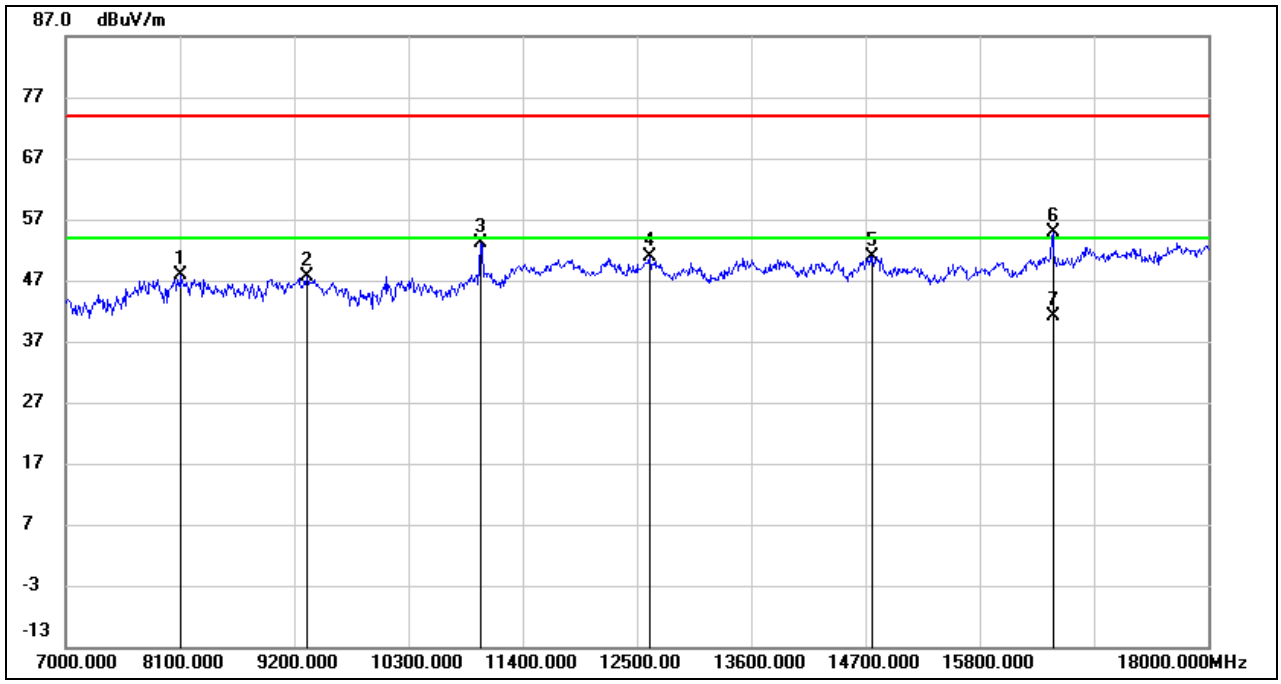
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8331.000 | 38.34 | 9.58 | 47.92 | 74.00 | -26.08 | peak |
| 2 | 9387.000 | 36.11 | 10.89 | 47.00 | 74.00 | -27.00 | peak |
| 3 | 12610.000 | 35.03 | 15.76 | 50.79 | 74.00 | -23.21 | peak |
| 4 | 13864.000 | 33.68 | 17.55 | 51.23 | 74.00 | -22.77 | peak |
| 5 | 16515.000 | 33.13 | 19.74 | 52.87 | 74.00 | -21.13 | peak |
| 6 | 17714.000 | 29.74 | 23.55 | 53.29 | 74.00 | -20.71 | 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.

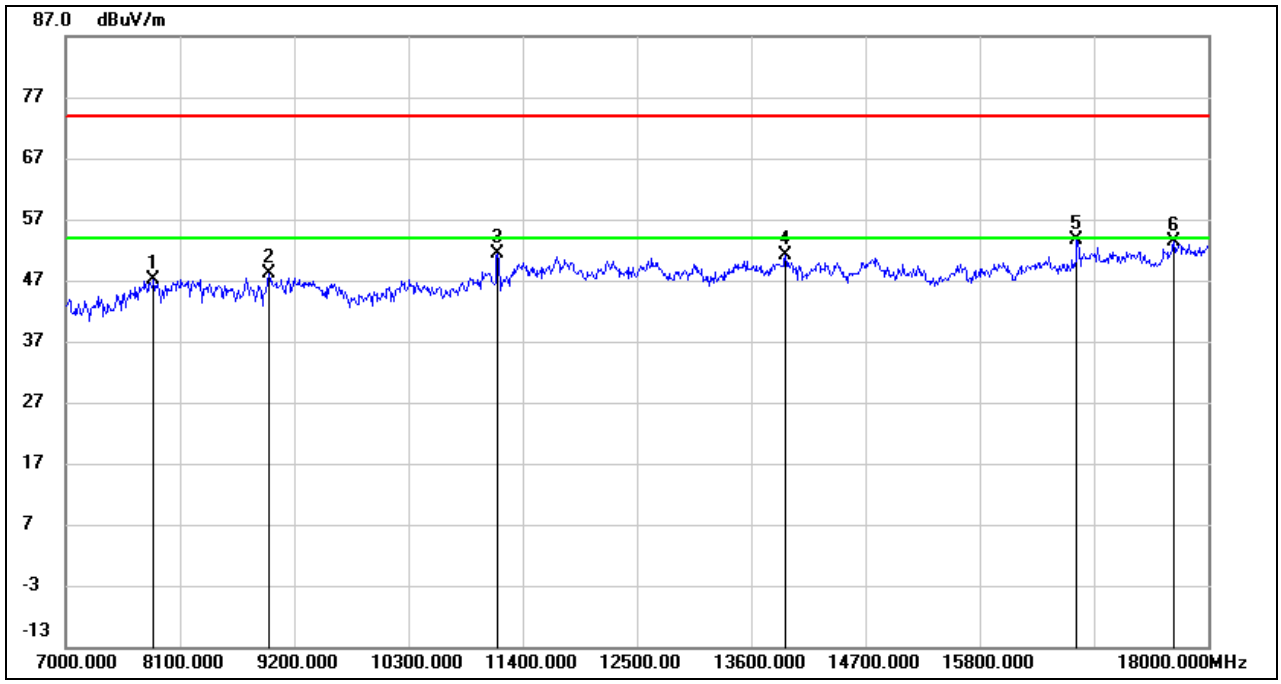
## HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8111.000 | 37.80 | 10.14 | 47.94 | 74.00 | -26.06 | peak |
| 2 | 9321.000 | 37.07 | 10.52 | 47.59 | 74.00 | -26.41 | peak |
| 3 | 10993.000 | 39.73 | 13.31 | 53.04 | 74.00 | -20.96 | peak |
| 4 | 12621.000 | 35.04 | 15.75 | 50.79 | 74.00 | -23.21 | peak |
| 5 | 14766.000 | 33.04 | 17.92 | 50.96 | 74.00 | -23.04 | peak |
| 6 | 16504.000 | 35.12 | 19.70 | 54.82 | 74.00 | -19.18 | peak |
| 7 | 16504.000 | 21.55 | 19.70 | 41.25 | 54.00 | -12.75 | AVG |

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.

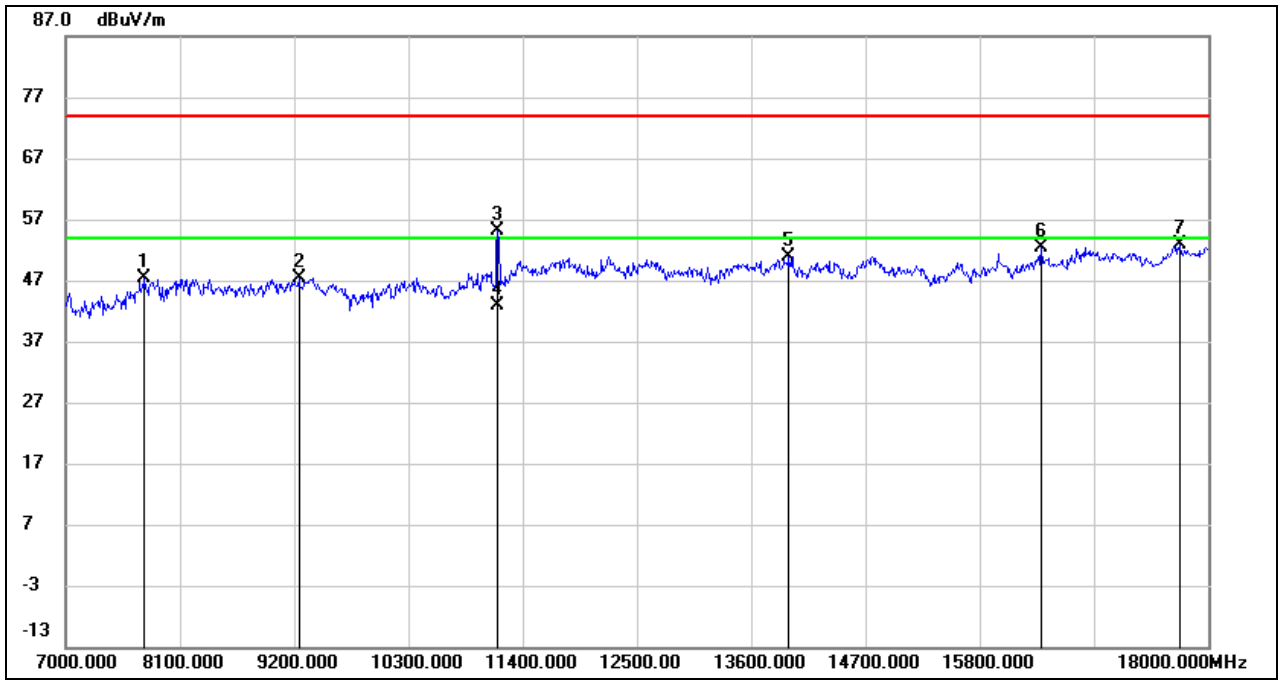
## HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 7847.000 | 37.94 | 9.12 | 47.06 | 74.00 | -26.94 | peak |
| 2 | 8958.000 | 37.62 | 10.48 | 48.10 | 74.00 | -25.90 | peak |
| 3 | 11158.000 | 37.66 | 13.79 | 51.45 | 74.00 | -22.55 | peak |
| 4 | 13930.000 | 33.68 | 17.57 | 51.25 | 74.00 | -22.75 | peak |
| 5 | 16735.000 | 33.38 | 20.21 | 53.59 | 74.00 | -20.41 | peak |
| 6 | 17670.000 | 30.23 | 23.24 | 53.47 | 74.00 | -20.53 | 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.

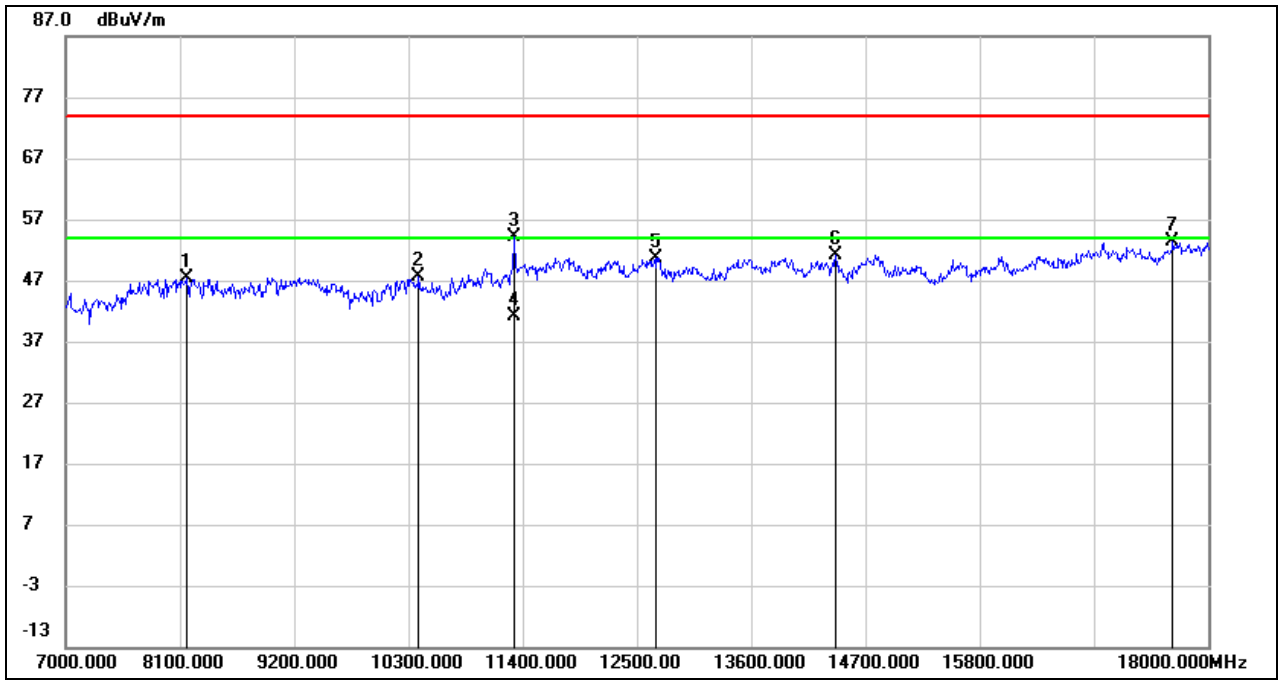
## HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 7759.000 | 38.37 | 8.98 | 47.35 | 74.00 | -26.65 | peak |
| 2 | 9244.000 | 37.38 | 10.12 | 47.50 | 74.00 | -26.50 | peak |
| 3 | 11158.000 | 41.31 | 13.79 | 55.10 | 74.00 | -18.90 | peak |
| 4 | 11158.000 | 29.02 | 13.79 | 42.81 | 54.00 | -11.19 | AVG |
| 5 | 13963.000 | 33.34 | 17.61 | 50.95 | 74.00 | -23.05 | peak |
| 6 | 16394.000 | 32.66 | 19.67 | 52.33 | 74.00 | -21.67 | peak |
| 7 | 17725.000 | 29.27 | 23.61 | 52.88 | 74.00 | -21.12 | 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.

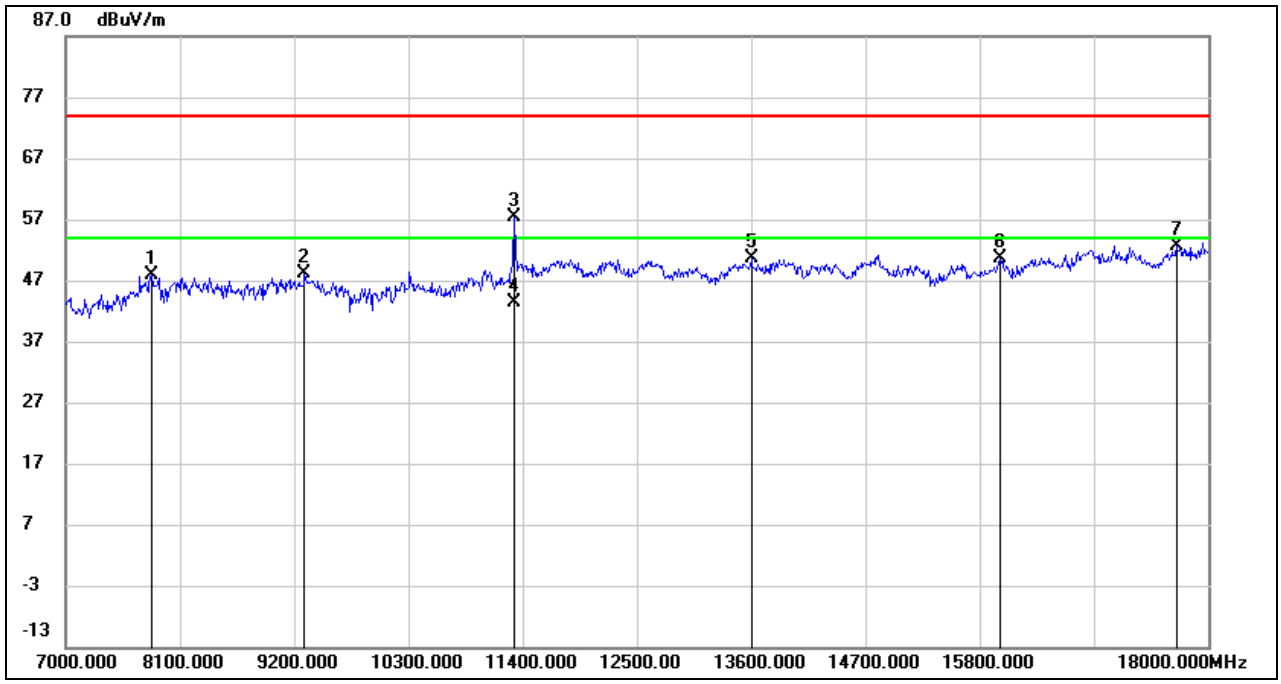
## HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8166.000 | 37.50 | 9.94 | 47.44 | 74.00 | -26.56 | peak |
| 2 | 10399.000 | 35.33 | 12.23 | 47.56 | 74.00 | -26.44 | peak |
| 3 | 11312.000 | 40.30 | 13.95 | 54.25 | 74.00 | -19.75 | peak |
| 4 | 11312.000 | 27.27 | 13.95 | 41.22 | 54.00 | -12.78 | AVG |
| 5 | 12676.000 | 35.05 | 15.66 | 50.71 | 74.00 | -23.29 | peak |
| 6 | 14414.000 | 33.72 | 17.36 | 51.08 | 74.00 | -22.92 | peak |
| 7 | 17659.000 | 30.25 | 23.17 | 53.42 | 74.00 | -20.58 | 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)

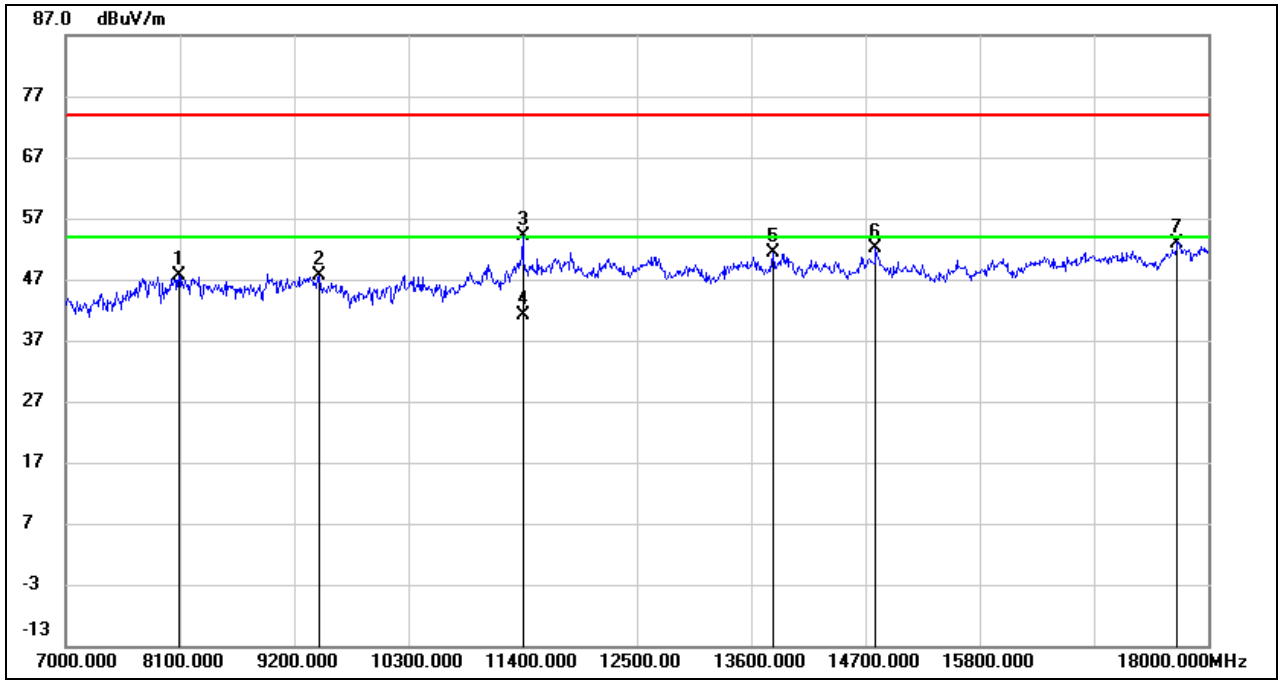



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 7825.000 | 38.60 | 9.23 | 47.83 | 74.00 | -26.17 | peak |
| 2 | 9299.000 | 37.74 | 10.40 | 48.14 | 74.00 | -25.86 | peak |
| 3 | 11312.000 | 43.46 | 13.95 | 57.41 | 74.00 | -16.59 | peak |
| 4 | 11312.000 | 29.50 | 13.95 | 43.45 | 54.00 | -10.55 | AVG |
| 5 | 13600.000 | 33.41 | 17.10 | 50.51 | 74.00 | -23.49 | peak |
| 6 | 15998.000 | 32.22 | 18.42 | 50.64 | 74.00 | -23.36 | peak |
| 7 | 17692.000 | 29.24 | 23.41 | 52.65 | 74.00 | -21.35 | 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

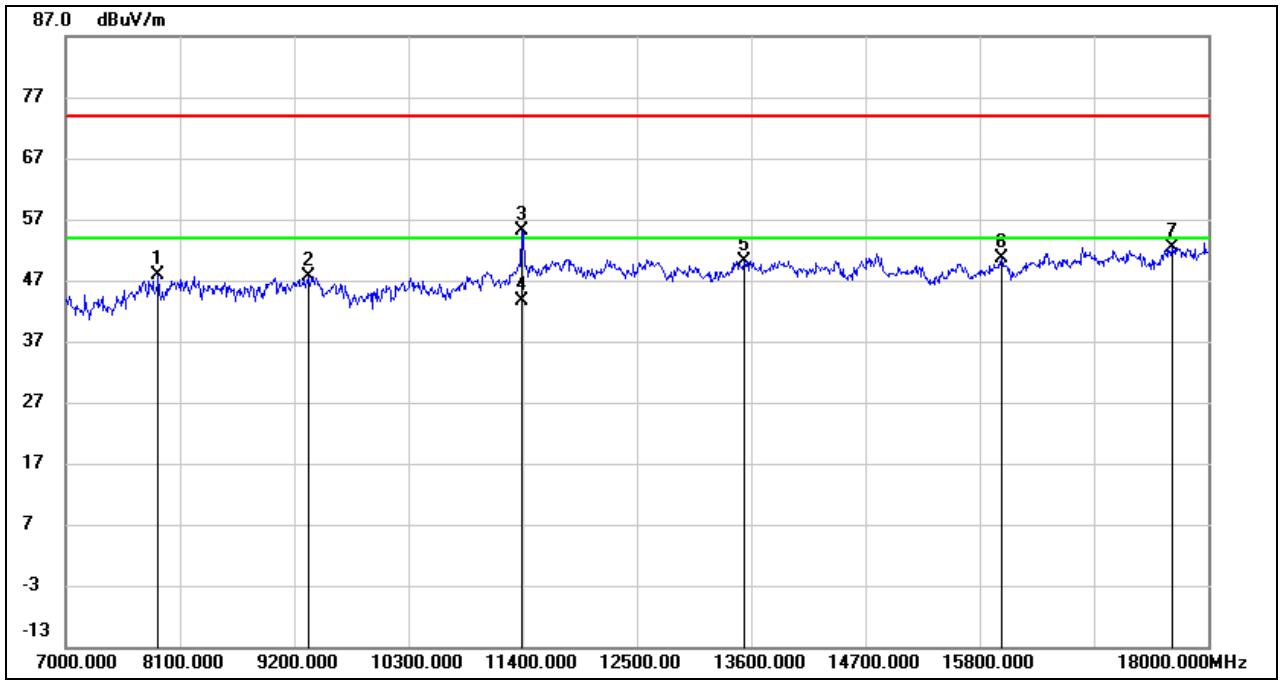
## HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8089.000 | 37.65 | 10.01 | 47.66 | 74.00 | -26.34 | peak |
| 2 | 9442.000 | 36.73 | 10.78 | 47.51 | 74.00 | -26.49 | peak |
| 3 | 11400.000 | 39.46 | 14.76 | 54.22 | 74.00 | -19.78 | peak |
| 4 | 11400.000 | 26.49 | 14.76 | 41.25 | 54.00 | -12.75 | AVG |
| 5 | 13809.000 | 33.66 | 17.60 | 51.26 | 74.00 | -22.74 | peak |
| 6 | 14799.000 | 34.01 | 18.04 | 52.05 | 74.00 | -21.95 | peak |
| 7 | 17703.000 | 29.51 | 23.49 | 53.00 | 74.00 | -21.00 | 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)

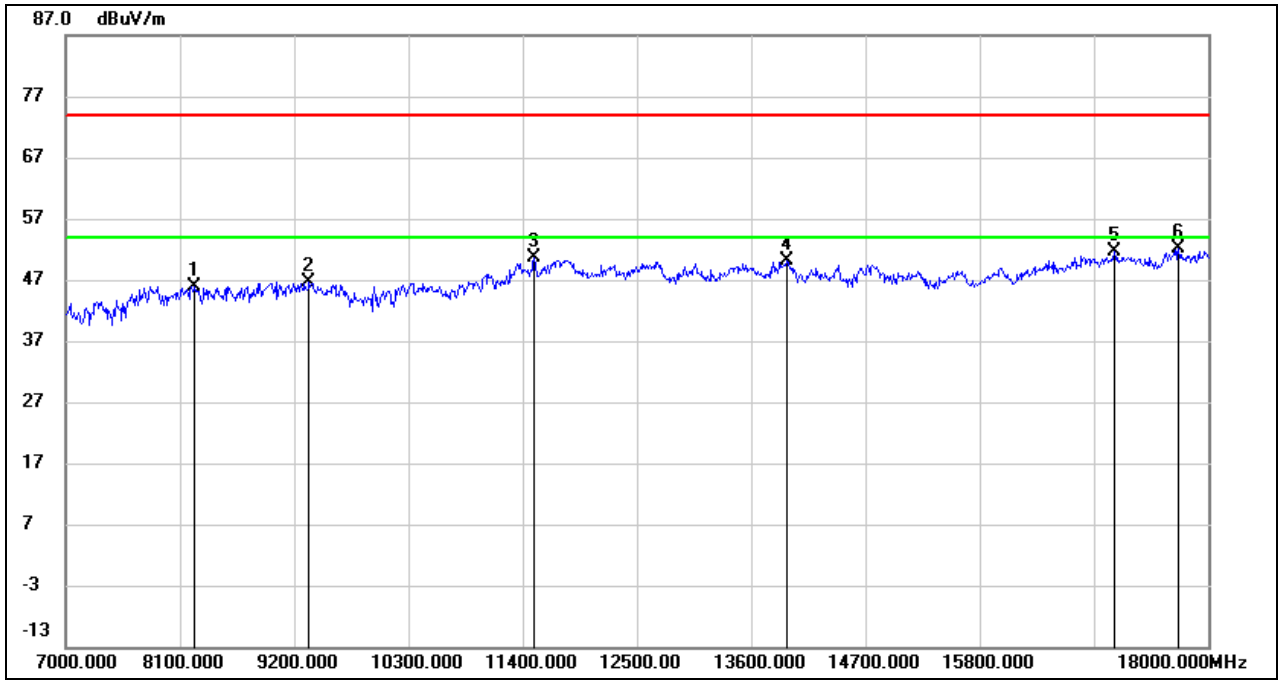



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 7891.000 | 39.09 | 8.90 | 47.99 | 74.00 | -26.01 | peak |
| 2 | 9332.000 | 37.04 | 10.59 | 47.63 | 74.00 | -26.37 | peak |
| 3 | 11389.000 | 40.43 | 14.66 | 55.09 | 74.00 | -18.91 | peak |
| 4 | 11389.000 | 28.85 | 14.66 | 43.51 | 54.00 | -10.49 | AVG |
| 5 | 13534.000 | 33.04 | 17.18 | 50.22 | 74.00 | -23.78 | peak |
| 6 | 16009.000 | 32.34 | 18.41 | 50.75 | 74.00 | -23.25 | peak |
| 7 | 17659.000 | 29.21 | 23.17 | 52.38 | 74.00 | -21.62 | 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

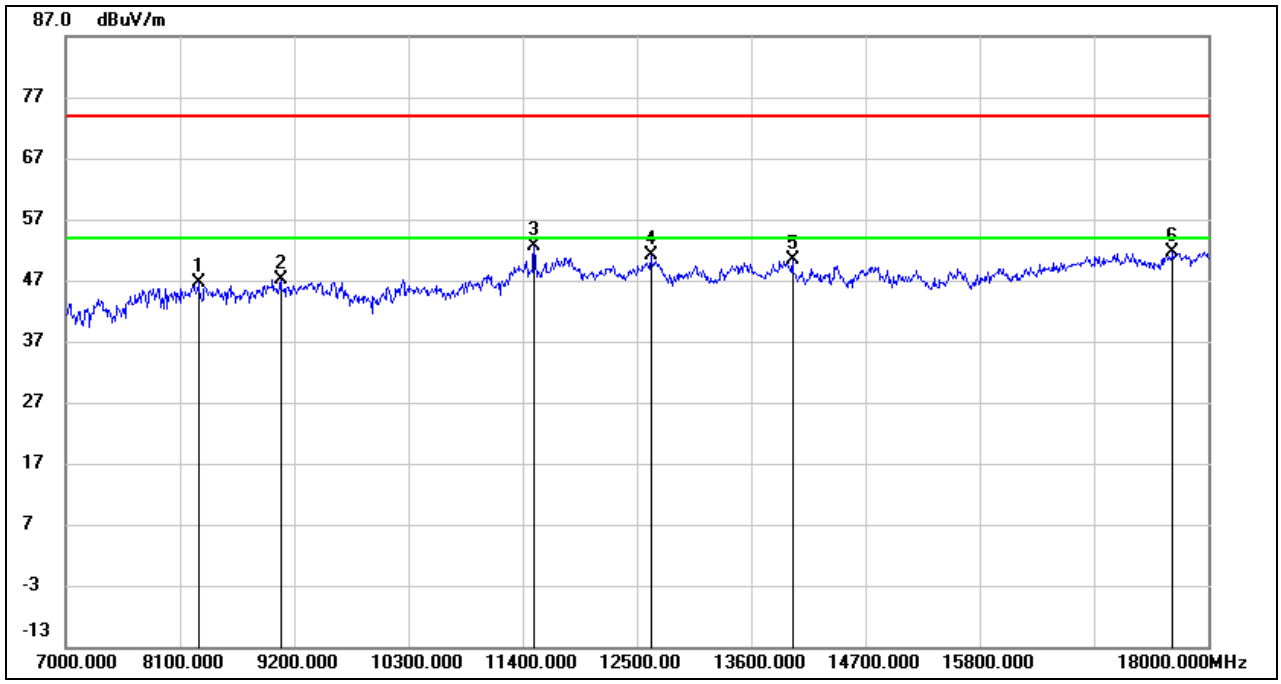
## HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8243.000 | 36.76 | 9.19 | 45.95 | 74.00 | -28.05 | peak |
| 2 | 9343.000 | 36.69 | 10.02 | 46.71 | 74.00 | -27.29 | peak |
| 3 | 11510.000 | 36.22 | 14.37 | 50.59 | 74.00 | -23.41 | peak |
| 4 | 13941.000 | 33.26 | 16.88 | 50.14 | 74.00 | -23.86 | peak |
| 5 | 17098.000 | 30.96 | 20.63 | 51.59 | 74.00 | -22.41 | peak |
| 6 | 17714.000 | 30.04 | 22.04 | 52.08 | 74.00 | -21.92 | 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.

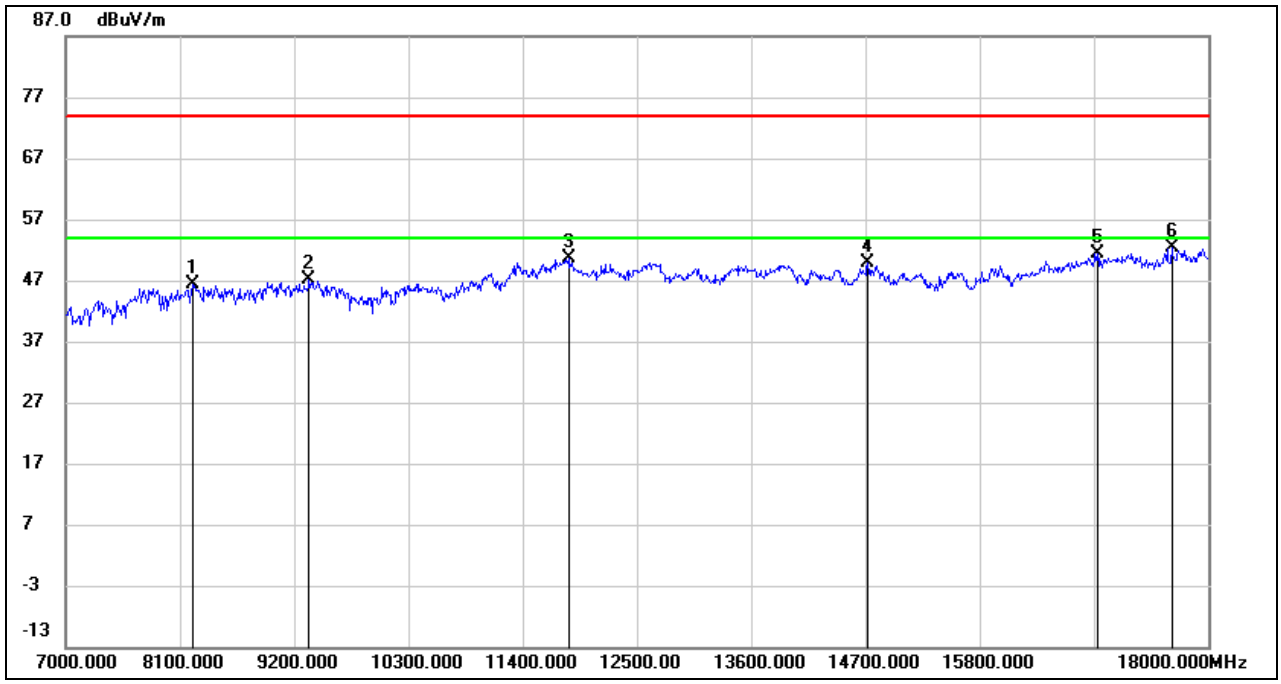
## HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8276.000 | 37.60 | 9.06 | 46.66 | 74.00 | -27.34 | peak |
| 2 | 9068.000 | 36.99 | 10.17 | 47.16 | 74.00 | -26.84 | peak |
| 3 | 11510.000 | 38.37 | 14.37 | 52.74 | 74.00 | -21.26 | peak |
| 4 | 12632.000 | 35.90 | 15.35 | 51.25 | 74.00 | -22.75 | peak |
| 5 | 13996.000 | 33.42 | 16.85 | 50.27 | 74.00 | -23.73 | peak |
| 6 | 17659.000 | 30.09 | 21.63 | 51.72 | 74.00 | -22.28 | 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.

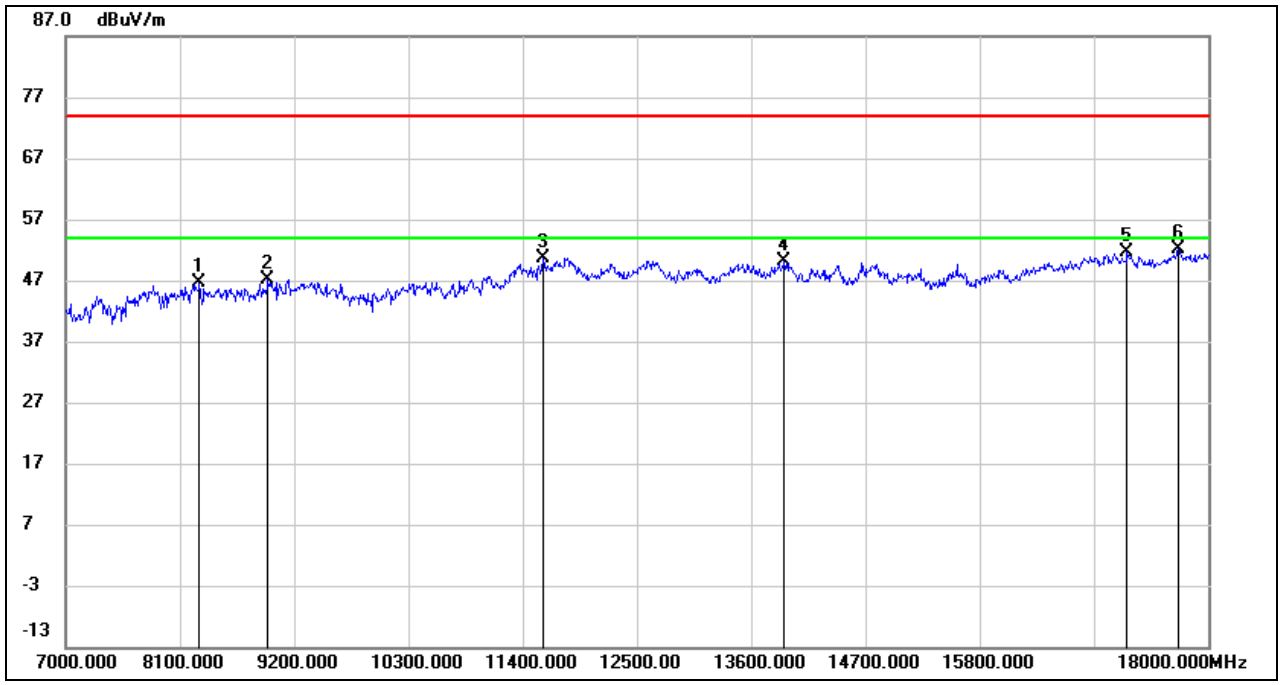
## HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8221.000 | 37.01 | 9.28 | 46.29 | 74.00 | -27.71 | peak |
| 2 | 9343.000 | 37.19 | 10.02 | 47.21 | 74.00 | -26.79 | peak |
| 3 | 11840.000 | 35.16 | 15.56 | 50.72 | 74.00 | -23.28 | peak |
| 4 | 14722.000 | 33.17 | 16.67 | 49.84 | 74.00 | -24.16 | peak |
| 5 | 16933.000 | 31.27 | 20.07 | 51.34 | 74.00 | -22.66 | peak |
| 6 | 17648.000 | 30.83 | 21.54 | 52.37 | 74.00 | -21.63 | 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)



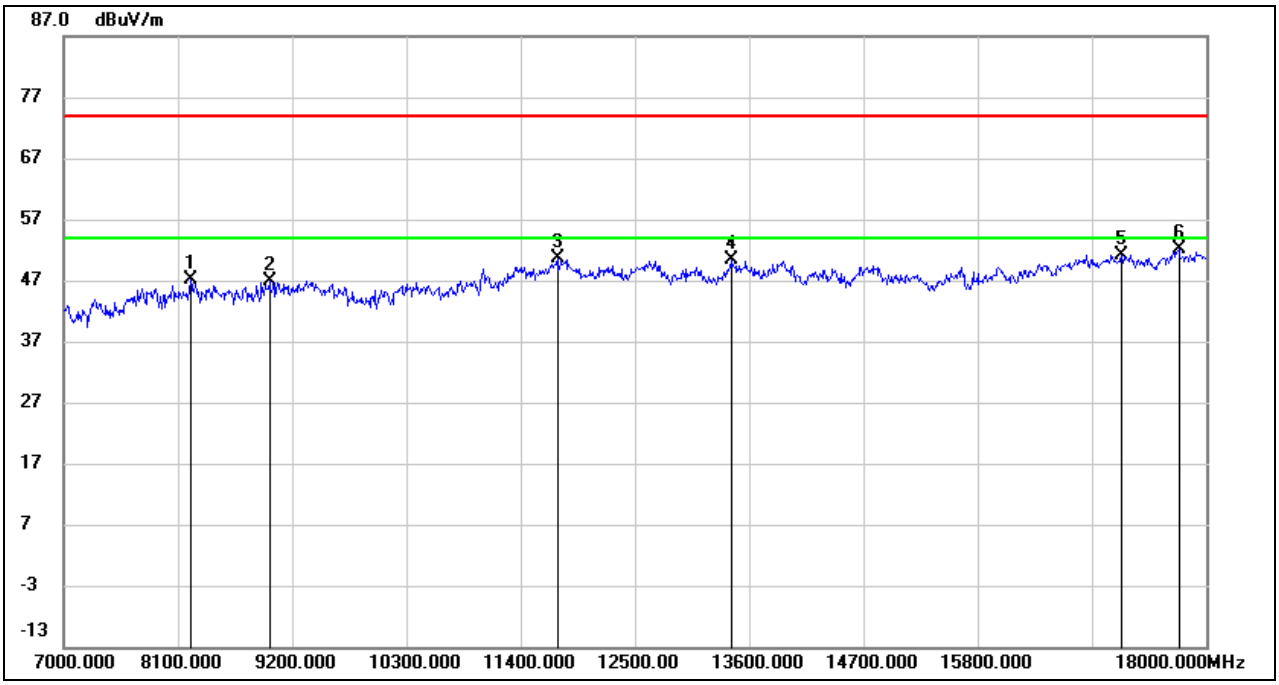

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8287.000 | 37.67 | 9.02 | 46.69 | 74.00 | -27.31 | peak |
| 2 | 8947.000 | 37.16 | 10.07 | 47.23 | 74.00 | -26.77 | peak |
| 3 | 11598.000 | 36.22 | 14.51 | 50.73 | 74.00 | -23.27 | peak |
| 4 | 13919.000 | 33.12 | 16.89 | 50.01 | 74.00 | -23.99 | peak |
| 5 | 17219.000 | 30.68 | 21.01 | 51.69 | 74.00 | -22.31 | peak |
| 6 | 17714.000 | 30.05 | 22.04 | 52.09 | 74.00 | -21.91 | 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.
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.

### 8.3.4. 802.11ac VHT80 MODE

**UNII-1 BAND**

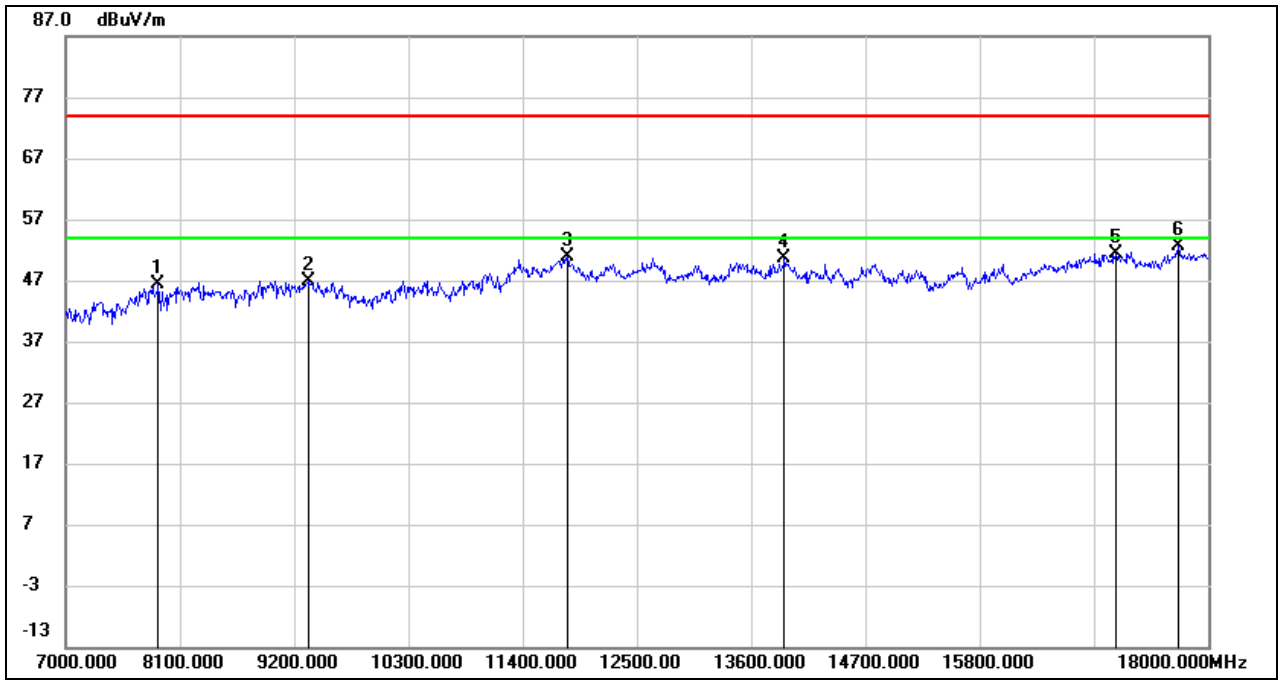
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8221.000 | 37.75 | 9.28 | 47.03 | 74.00 | -26.97 | peak |
| 2 | 8980.000 | 36.56 | 10.41 | 46.97 | 74.00 | -27.03 | peak |
| 3 | 11752.000 | 35.40 | 15.35 | 50.75 | 74.00 | -23.25 | peak |
| 4 | 13424.000 | 34.06 | 16.33 | 50.39 | 74.00 | -23.61 | peak |
| 5 | 17186.000 | 30.25 | 20.98 | 51.23 | 74.00 | -22.77 | peak |
| 6 | 17736.000 | 29.81 | 22.22 | 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.

## 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 | 7891.000 | 38.48 | 7.98 | 46.46 | 74.00 | -27.54 | peak |
| 2 | 9332.000 | 37.00 | 9.97 | 46.97 | 74.00 | -27.03 | peak |
| 3 | 11829.000 | 35.42 | 15.57 | 50.99 | 74.00 | -23.01 | peak |
| 4 | 13919.000 | 33.86 | 16.89 | 50.75 | 74.00 | -23.25 | peak |
| 5 | 17109.000 | 30.72 | 20.67 | 51.39 | 74.00 | -22.61 | peak |
| 6 | 17714.000 | 30.50 | 22.04 | 52.54 | 74.00 | -21.46 | 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.

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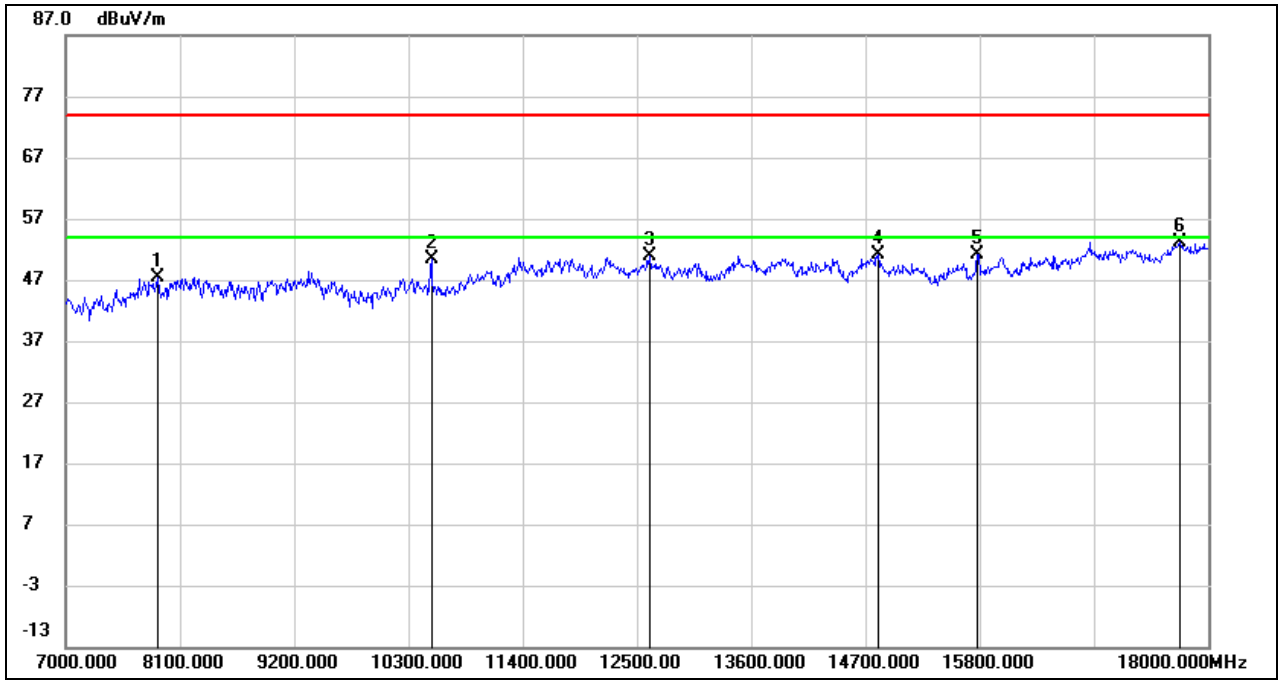
## UNII-2A BAND

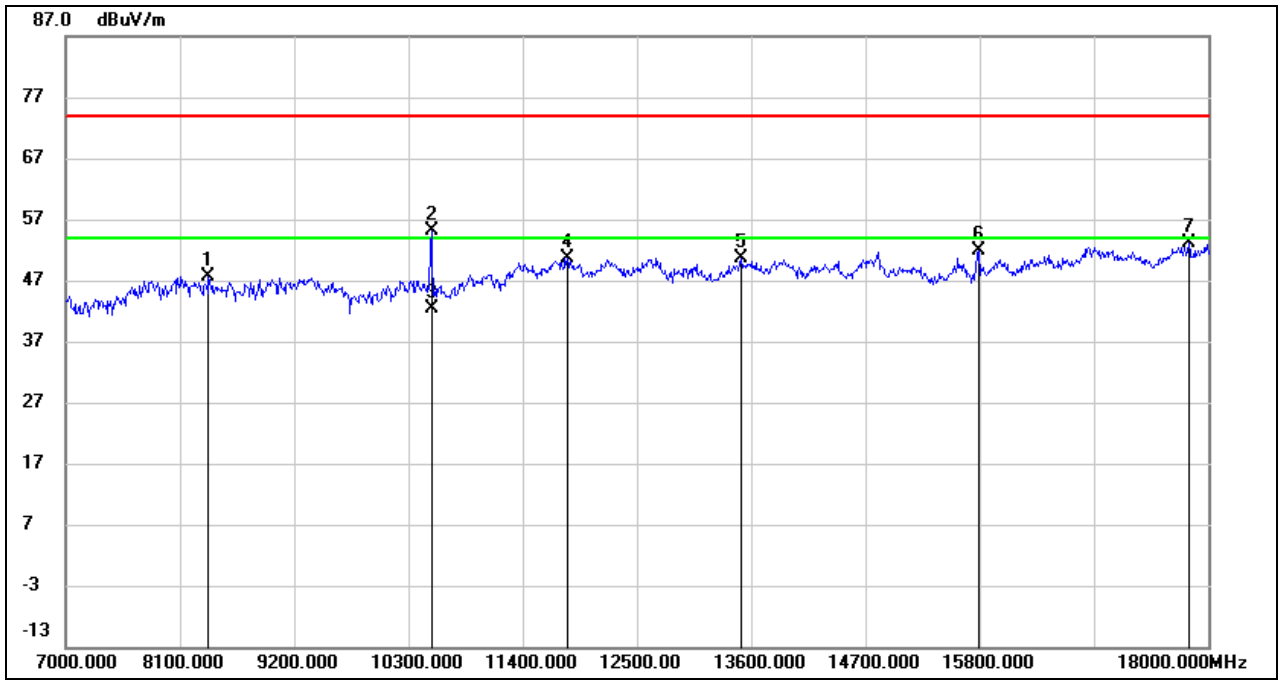
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 7891.000 | 38.58 | 8.90 | 47.48 | 74.00 | -26.52 | peak |
| 2 | 10520.000 | 37.94 | 12.43 | 50.37 | 74.00 | -23.63 | peak |
| 3 | 12621.000 | 35.09 | 15.75 | 50.84 | 74.00 | -23.16 | peak |
| 4 | 14821.000 | 33.24 | 17.90 | 51.14 | 74.00 | -22.86 | peak |
| 5 | 15778.000 | 33.23 | 17.96 | 51.19 | 74.00 | -22.81 | peak |
| 6 | 17725.000 | 29.44 | 23.61 | 53.05 | 74.00 | -20.95 | 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)

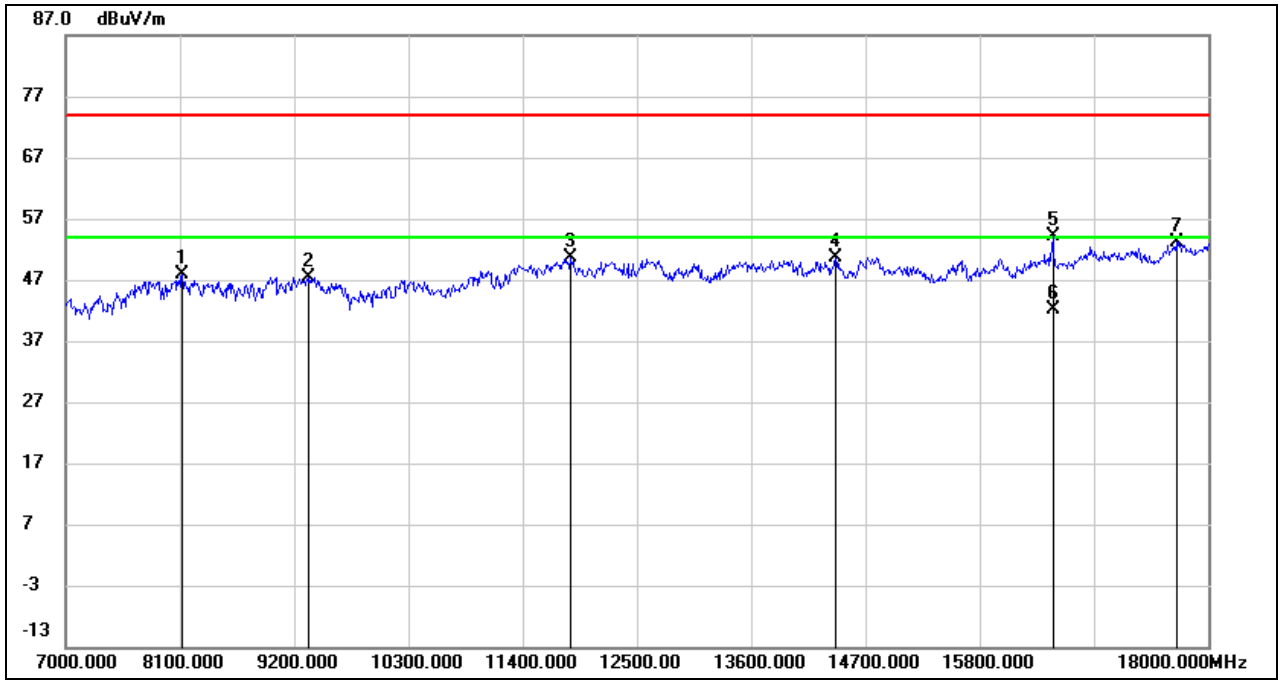



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8375.000 | 38.10 | 9.42 | 47.52 | 74.00 | -26.48 | peak |
| 2 | 10520.000 | 42.78 | 12.43 | 55.21 | 74.00 | -18.79 | peak |
| 3 | 10520.000 | 29.88 | 12.43 | 42.31 | 54.00 | -11.69 | AVG |
| 4 | 11829.000 | 35.26 | 15.32 | 50.58 | 74.00 | -23.42 | peak |
| 5 | 13501.000 | 33.46 | 17.22 | 50.68 | 74.00 | -23.32 | peak |
| 6 | 15789.000 | 33.90 | 17.97 | 51.87 | 74.00 | -22.13 | peak |
| 7 | 17813.000 | 29.05 | 24.03 | 53.08 | 74.00 | -20.92 | 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

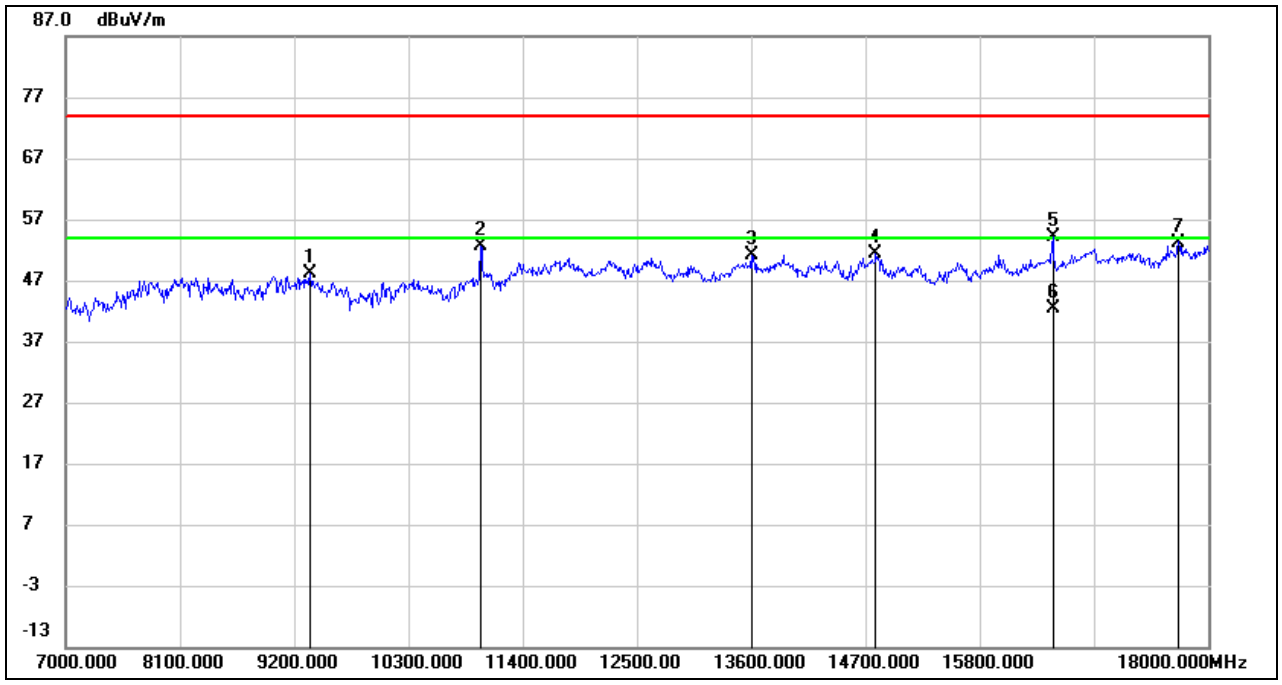
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8122.000 | 37.90 | 10.10 | 48.00 | 74.00 | -26.00 | peak |
| 2 | 9343.000 | 36.83 | 10.64 | 47.47 | 74.00 | -26.53 | peak |
| 3 | 11862.000 | 35.13 | 15.41 | 50.54 | 74.00 | -23.46 | peak |
| 4 | 14414.000 | 33.19 | 17.36 | 50.55 | 74.00 | -23.45 | peak |
| 5 | 16504.000 | 34.49 | 19.70 | 54.19 | 74.00 | -19.81 | peak |
| 6 | 16504.000 | 22.53 | 19.70 | 42.23 | 54.00 | -11.77 | AVG |
| 7 | 17692.000 | 29.81 | 23.41 | 53.22 | 74.00 | -20.78 | 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.

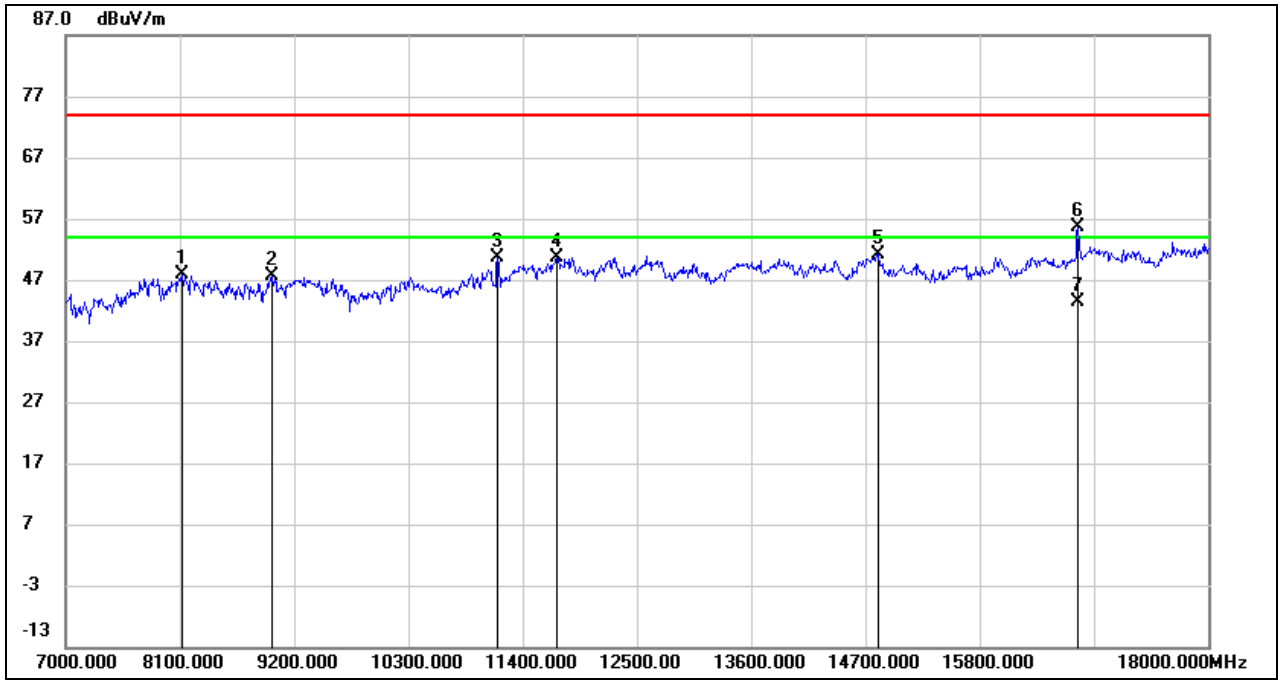
## HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 9354.000 | 37.50 | 10.70 | 48.20 | 74.00 | -25.80 | peak |
| 2 | 10993.000 | 39.20 | 13.31 | 52.51 | 74.00 | -21.49 | peak |
| 3 | 13600.000 | 34.00 | 17.10 | 51.10 | 74.00 | -22.90 | peak |
| 4 | 14799.000 | 33.23 | 18.04 | 51.27 | 74.00 | -22.73 | peak |
| 5 | 16504.000 | 34.36 | 19.70 | 54.06 | 74.00 | -19.94 | peak |
| 6 | 16504.000 | 22.65 | 19.70 | 42.35 | 54.00 | -11.65 | AVG |
| 7 | 17714.000 | 29.70 | 23.55 | 53.25 | 74.00 | -20.75 | 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.

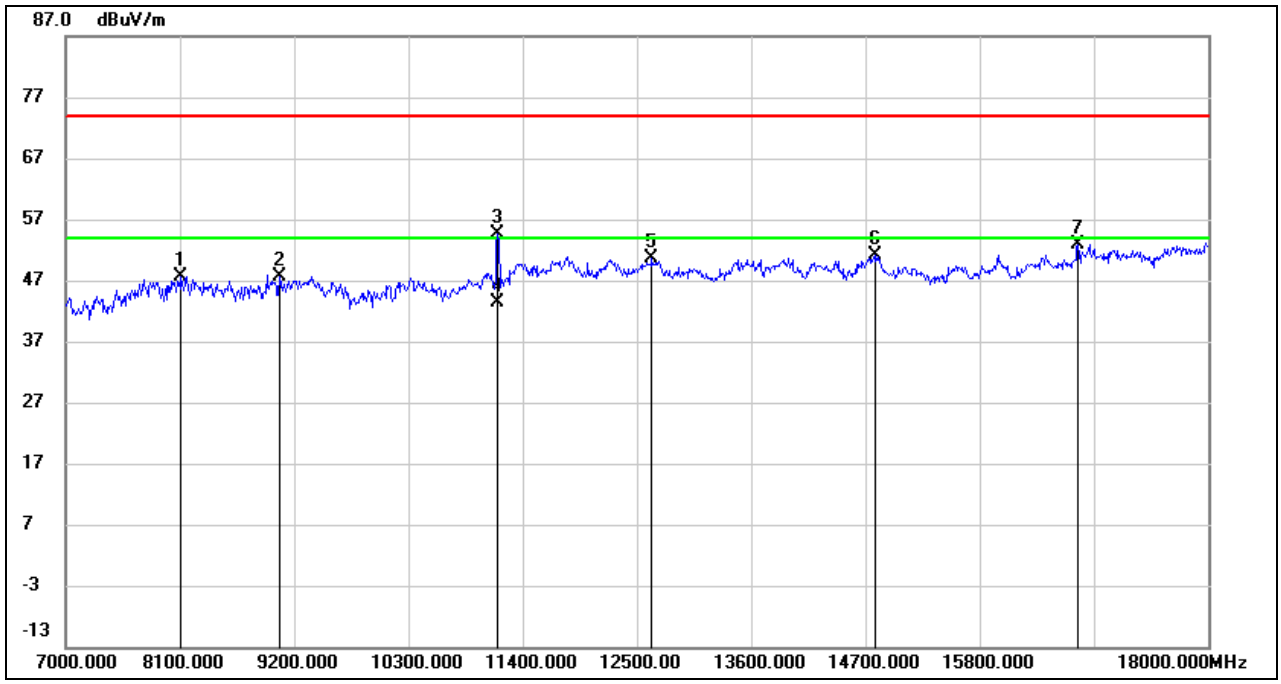
## HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8122.000 | 37.84 | 10.10 | 47.94 | 74.00 | -26.06 | peak |
| 2 | 8991.000 | 36.45 | 11.10 | 47.55 | 74.00 | -26.45 | peak |
| 3 | 11158.000 | 36.72 | 13.79 | 50.51 | 74.00 | -23.49 | peak |
| 4 | 11730.000 | 35.41 | 15.32 | 50.73 | 74.00 | -23.27 | peak |
| 5 | 14821.000 | 33.23 | 17.90 | 51.13 | 74.00 | -22.87 | peak |
| 6 | 16746.000 | 35.24 | 20.29 | 55.53 | 74.00 | -18.47 | peak |
| 7 | 16746.000 | 23.06 | 20.29 | 43.35 | 54.00 | -10.65 | AVG |

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)

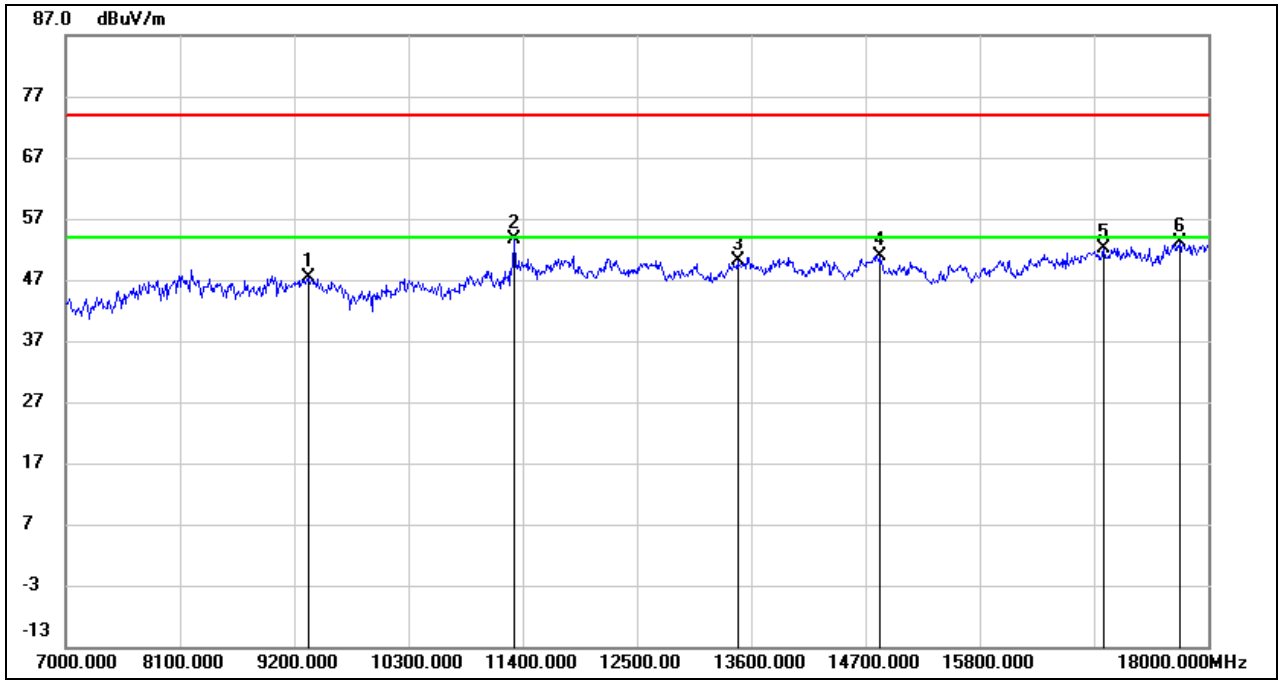



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 8111.000 | 37.57 | 10.14 | 47.71 | 74.00 | -26.29 | peak |
| 2 | 9057.000 | 37.01 | 10.64 | 47.65 | 74.00 | -26.35 | peak |
| 3 | 11158.000 | 40.91 | 13.79 | 54.70 | 74.00 | -19.30 | peak |
| 4 | 11158.000 | 29.47 | 13.79 | 43.26 | 54.00 | -10.74 | AVG |
| 5 | 12643.000 | 34.95 | 15.71 | 50.66 | 74.00 | -23.34 | peak |
| 6 | 14799.000 | 33.01 | 18.04 | 51.05 | 74.00 | -22.95 | peak |
| 7 | 16746.000 | 32.62 | 20.29 | 52.91 | 74.00 | -21.09 | 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

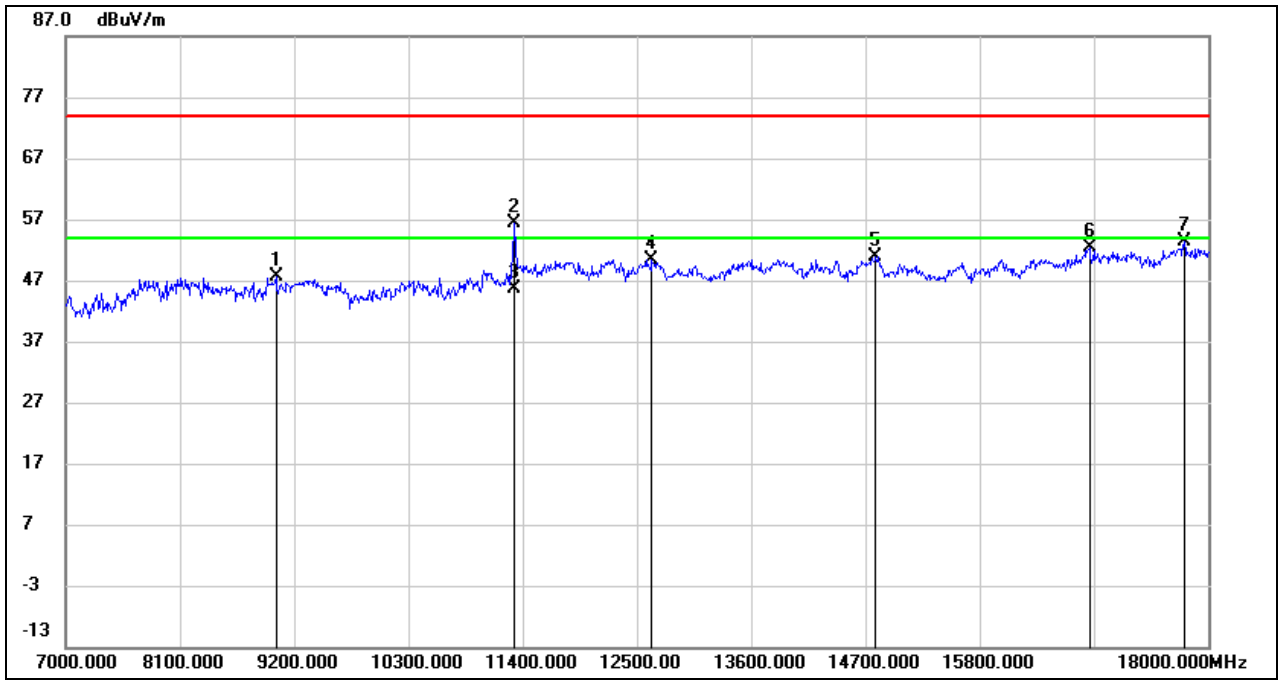
### HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 9343.000 | 36.70 | 10.64 | 47.34 | 74.00 | -26.66 | peak |
| 2 | 11323.000 | 39.48 | 14.06 | 53.54 | 74.00 | -20.46 | peak |
| 3 | 13468.000 | 33.09 | 17.15 | 50.24 | 74.00 | -23.76 | peak |
| 4 | 14832.000 | 33.04 | 17.83 | 50.87 | 74.00 | -23.13 | peak |
| 5 | 16988.000 | 30.87 | 21.28 | 52.15 | 74.00 | -21.85 | peak |
| 6 | 17725.000 | 29.55 | 23.61 | 53.16 | 74.00 | -20.84 | 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)

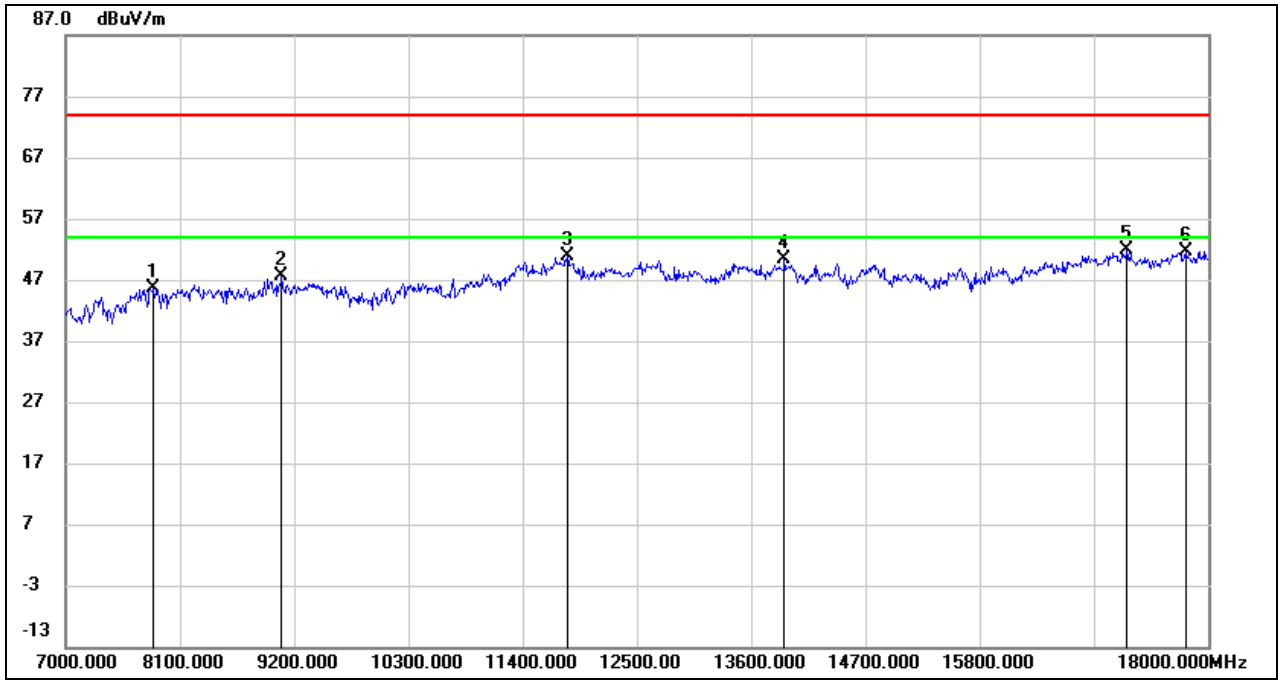



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 9024.000 | 36.50 | 11.01 | 47.51 | 74.00 | -26.49 | peak |
| 2 | 11323.000 | 42.34 | 14.06 | 56.40 | 74.00 | -17.60 | peak |
| 3 | 11323.000 | 31.69 | 14.06 | 45.75 | 54.00 | -8.25 | AVG |
| 4 | 12643.000 | 34.69 | 15.71 | 50.40 | 74.00 | -23.60 | peak |
| 5 | 14799.000 | 32.86 | 18.04 | 50.90 | 74.00 | -23.10 | peak |
| 6 | 16856.000 | 31.16 | 21.19 | 52.35 | 74.00 | -21.65 | peak |
| 7 | 17769.000 | 29.43 | 23.87 | 53.30 | 74.00 | -20.70 | 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 | 7847.000 | 37.48 | 8.11 | 45.59 | 74.00 | -28.41 | peak |
| 2 | 9079.000 | 37.42 | 10.10 | 47.52 | 74.00 | -26.48 | peak |
| 3 | 11829.000 | 35.20 | 15.57 | 50.77 | 74.00 | -23.23 | peak |
| 4 | 13919.000 | 33.47 | 16.89 | 50.36 | 74.00 | -23.64 | peak |
| 5 | 17219.000 | 30.87 | 21.01 | 51.88 | 74.00 | -22.12 | peak |
| 6 | 17780.000 | 29.07 | 22.57 | 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.

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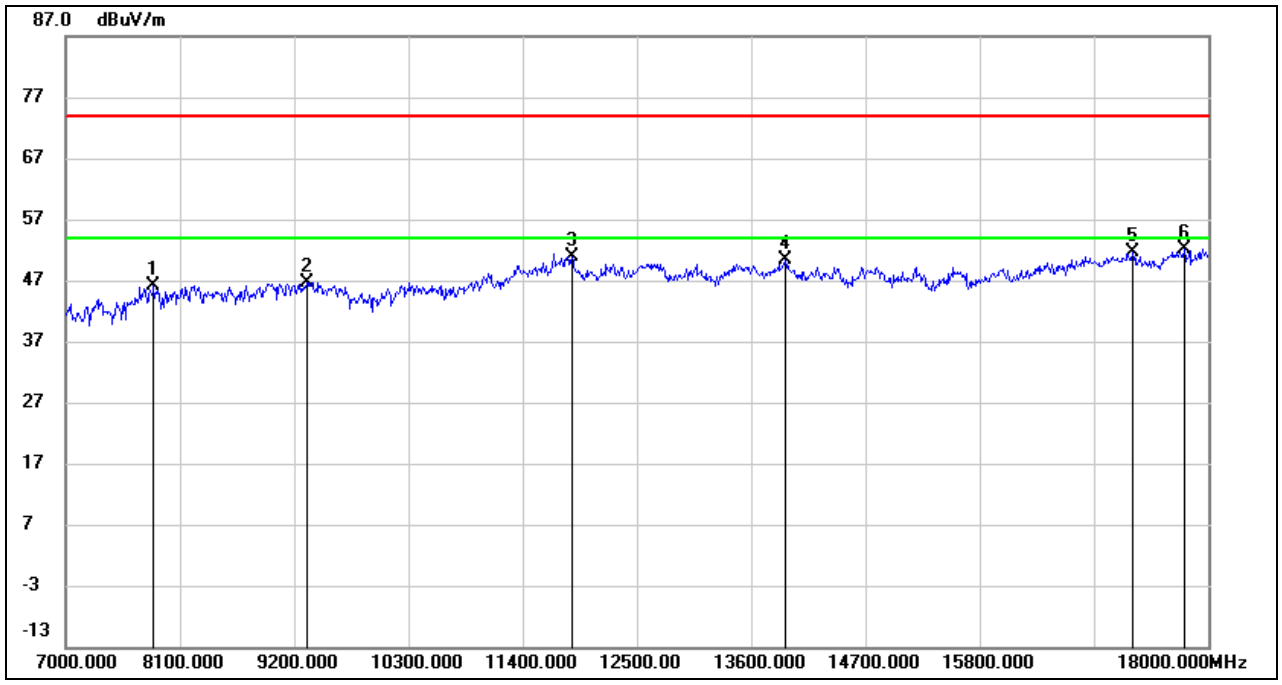
## HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



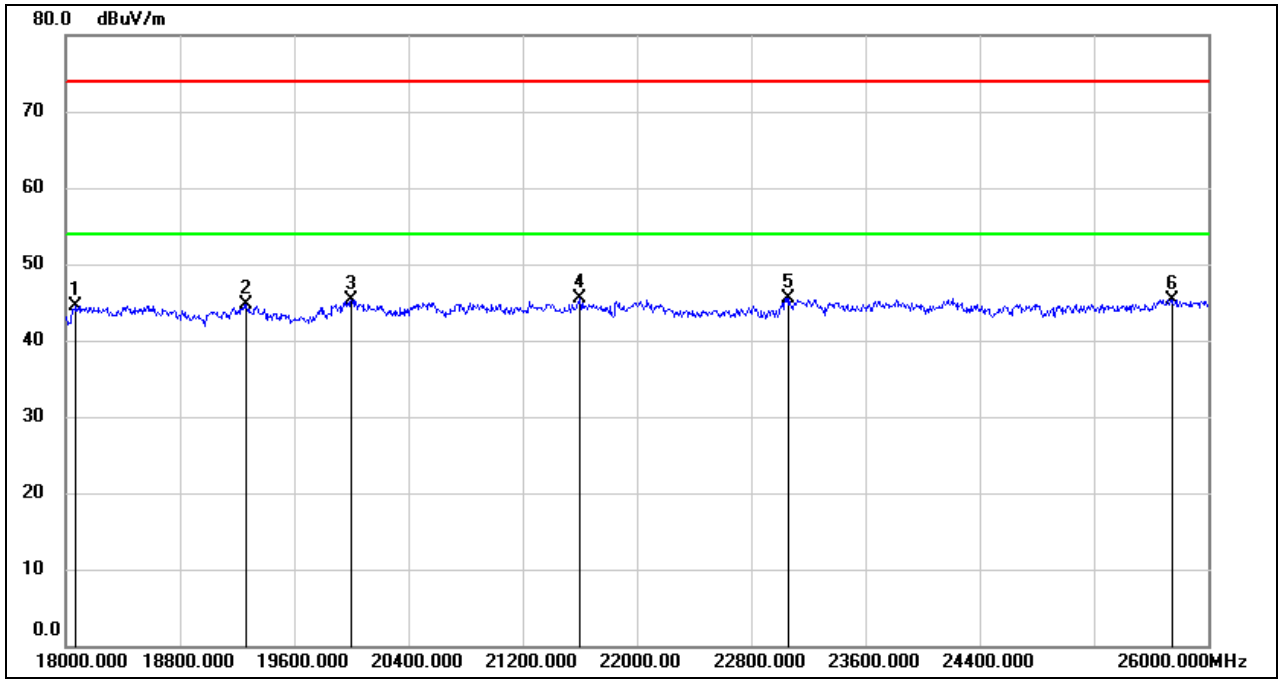

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 7847.000 | 38.09 | 8.11 | 46.20 | 74.00 | -27.80 | peak |
| 2 | 9321.000 | 36.81 | 9.91 | 46.72 | 74.00 | -27.28 | peak |
| 3 | 11873.000 | 35.35 | 15.50 | 50.85 | 74.00 | -23.15 | peak |
| 4 | 13930.000 | 33.48 | 16.89 | 50.37 | 74.00 | -23.63 | peak |
| 5 | 17274.000 | 30.58 | 20.93 | 51.51 | 74.00 | -22.49 | peak |
| 6 | 17769.000 | 29.68 | 22.48 | 52.16 | 74.00 | -21.84 | 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. 802.11 a MODE

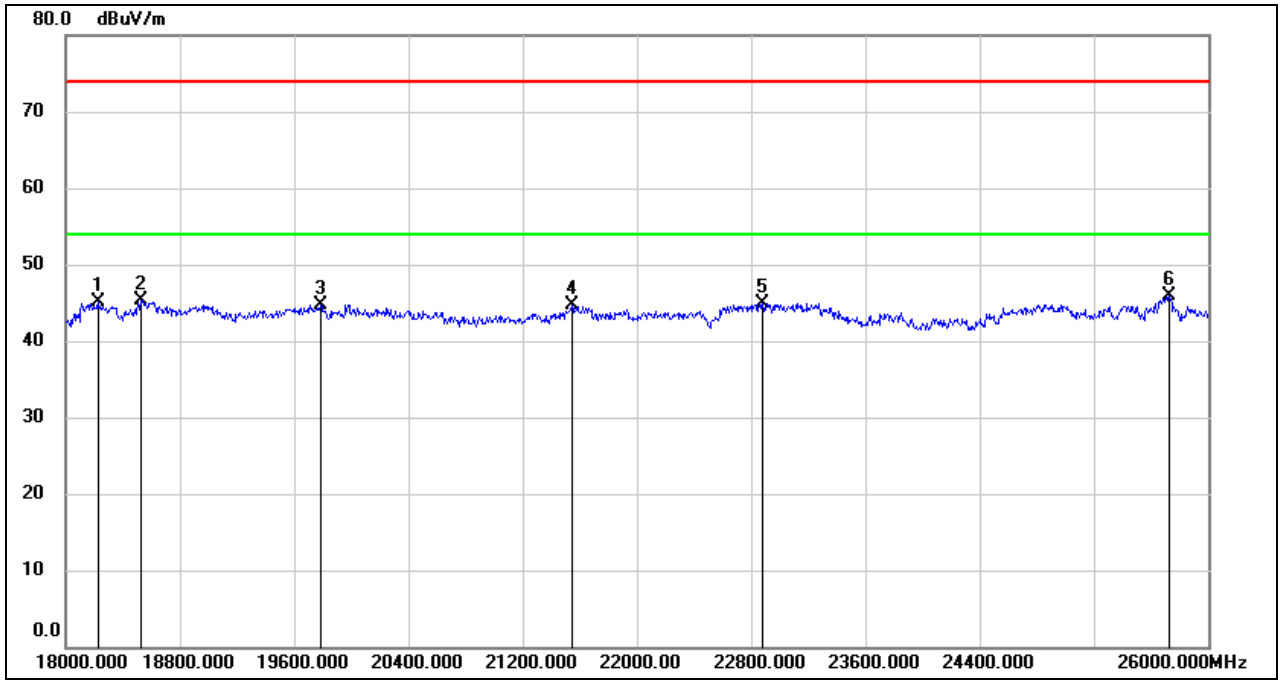
**SPURIOUS EMISSIONS (UNII-2C BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)**




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 18072.000 | 49.95 | -5.43 | 44.52 | 74.00 | -29.48 | peak |
| 2 | 19264.000 | 50.27 | -5.57 | 44.70 | 74.00 | -29.30 | 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 | 25744.000 | 46.00 | -0.64 | 45.36 | 74.00 | -28.64 | 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-2C BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 18224.000 | 50.58 | -5.53 | 45.05 | 74.00 | -28.95 | peak |
| 2 | 18528.000 | 50.61 | -5.26 | 45.35 | 74.00 | -28.65 | peak |
| 3 | 19784.000 | 50.07 | -5.28 | 44.79 | 74.00 | -29.21 | peak |
| 4 | 21544.000 | 49.26 | -4.63 | 44.63 | 74.00 | -29.37 | peak |
| 5 | 22880.000 | 48.44 | -3.56 | 44.88 | 74.00 | -29.12 | peak |
| 6 | 25728.000 | 46.61 | -0.72 | 45.89 | 74.00 | -28.11 | peak |

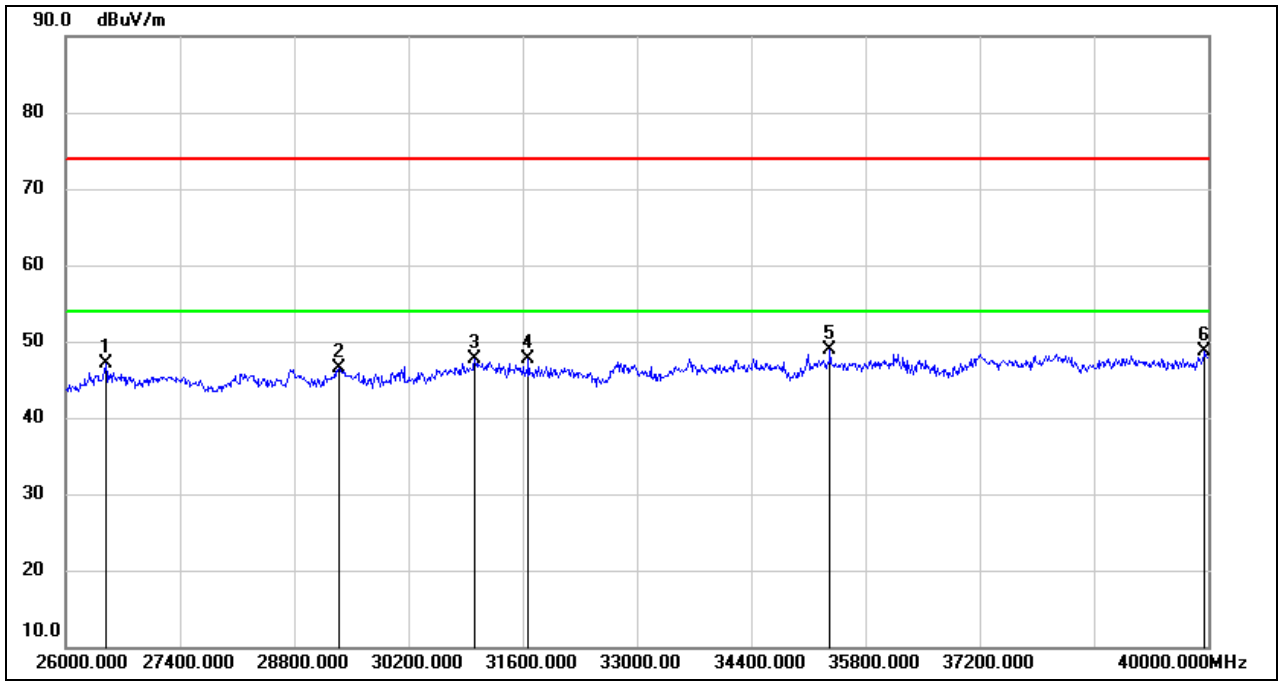
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

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

## 8.5. SPURIOUS EMISSIONS (26 GHz ~ 40 GHz)

### 8.5.1. 802.11 a MODE

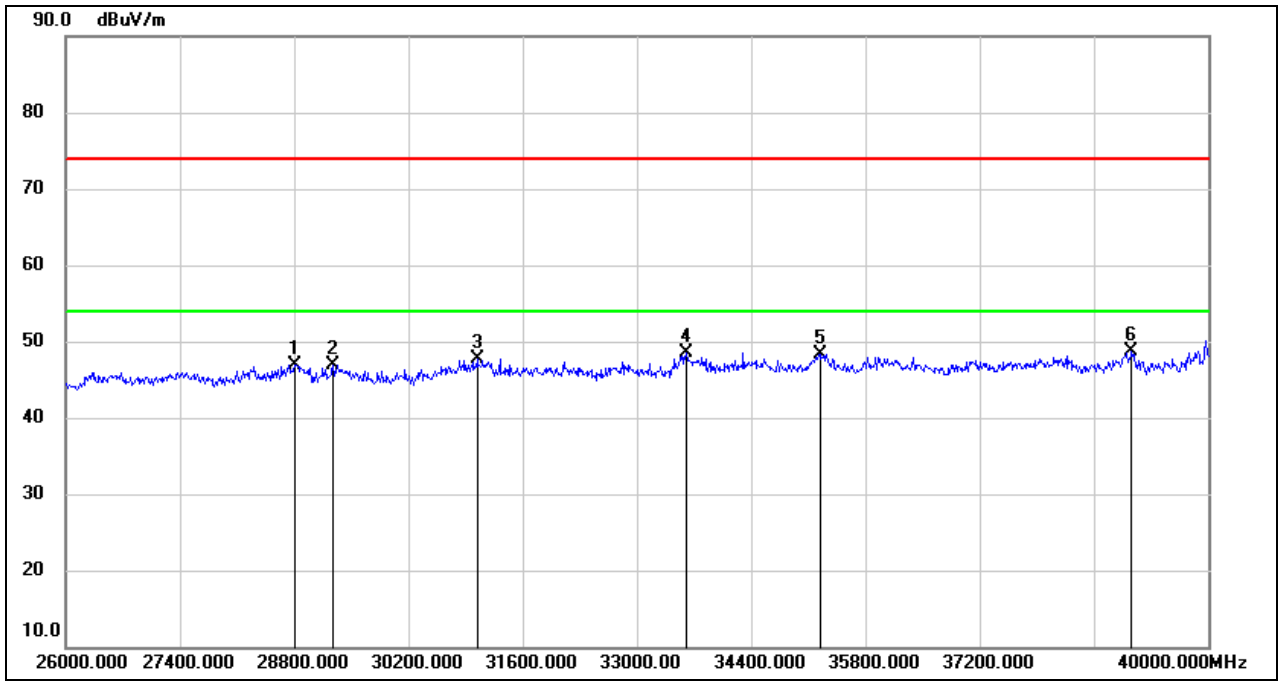
**SPURIOUS EMISSIONS (UNII-2C BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)**




| 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 | 29346.000 | 47.38 | -0.91 | 46.47 | 74.00 | -27.53 | peak |
| 3 | 31012.000 | 48.33 | -0.71 | 47.62 | 74.00 | -26.38 | peak |
| 4 | 31670.000 | 48.86 | -1.21 | 47.65 | 74.00 | -26.35 | peak |
| 5 | 35366.000 | 46.40 | 2.59 | 48.99 | 74.00 | -25.01 | peak |
| 6 | 39958.000 | 43.58 | 5.12 | 48.70 | 74.00 | -25.30 | 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-2C BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 28800.000 | 47.60 | -0.70 | 46.90 | 74.00 | -27.10 | peak |
| 2 | 29276.000 | 48.01 | -1.01 | 47.00 | 74.00 | -27.00 | peak |
| 3 | 31040.000 | 48.45 | -0.72 | 47.73 | 74.00 | -26.27 | peak |
| 4 | 33602.000 | 48.01 | 0.46 | 48.47 | 74.00 | -25.53 | peak |
| 5 | 35254.000 | 45.62 | 2.65 | 48.27 | 74.00 | -25.73 | peak |
| 6 | 39062.000 | 44.48 | 4.30 | 48.78 | 74.00 | -25.22 | peak |

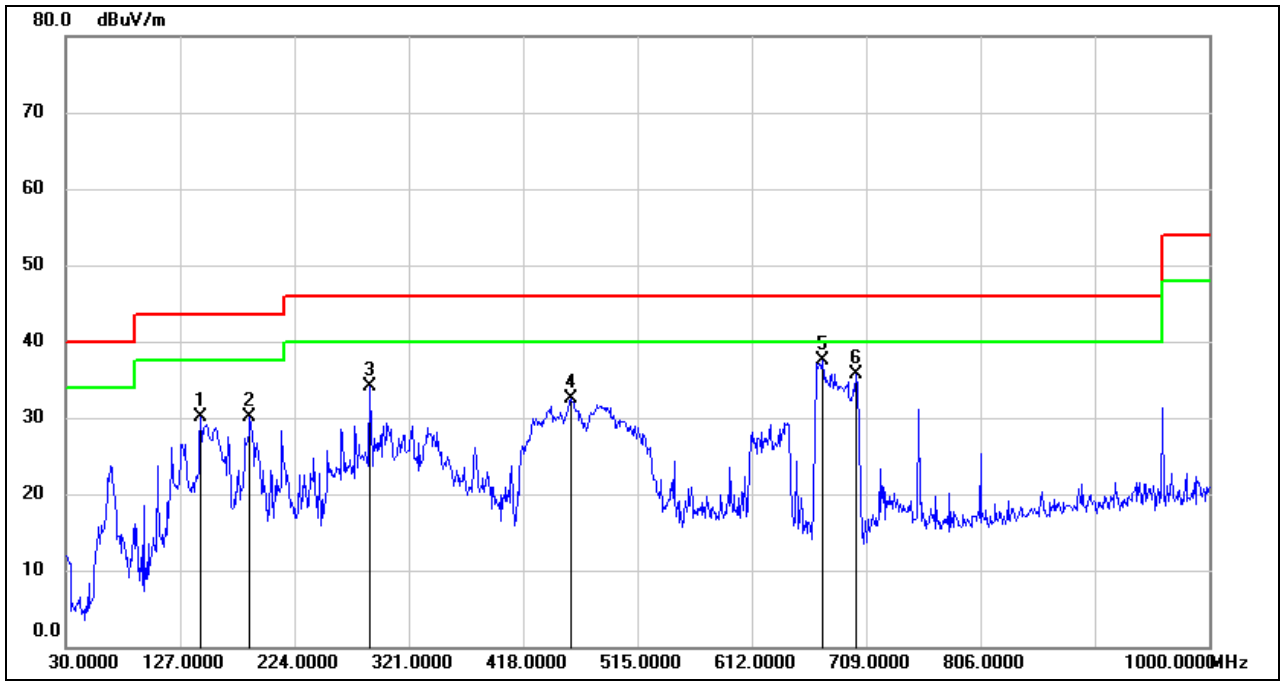
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

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

## 8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

### 8.6.1. 802.11 a MODE

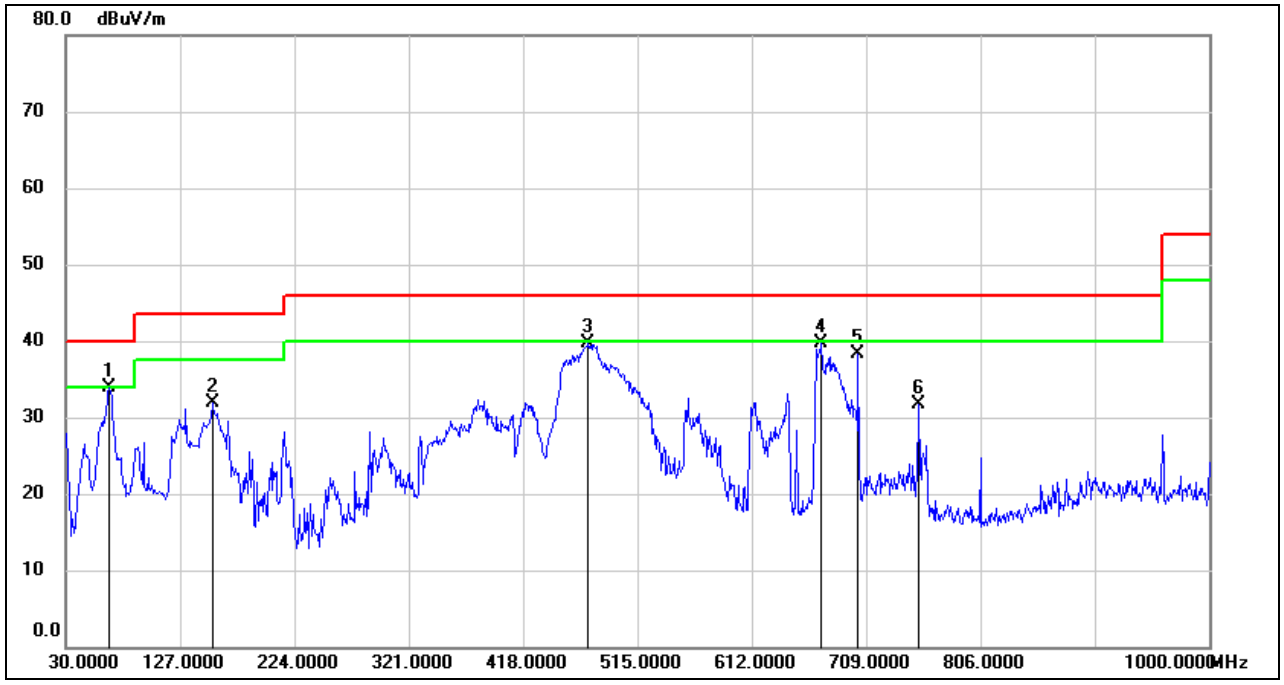
**SPURIOUS EMISSIONS (UNII-2C BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)**




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 144.4600 | 48.74 | -18.60 | 30.14 | 43.50 | -13.36 | QP |
| 2 | 186.1700 | 46.81 | -16.72 | 30.09 | 43.50 | -13.41 | QP |
| 3 | 288.0200 | 50.21 | -16.06 | 34.15 | 46.00 | -11.85 | QP |
| 4 | 458.7400 | 44.75 | -12.16 | 32.59 | 46.00 | -13.41 | QP |
| 5 | 672.1400 | 46.15 | -8.64 | 37.51 | 46.00 | -8.49 | QP |
| 6 | 700.2700 | 43.95 | -8.31 | 35.64 | 46.00 | -10.36 | 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-2C BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 66.8600 | 54.46 | -20.56 | 33.90 | 40.00 | -6.10 | QP |
| 2 | 154.1600 | 49.93 | -18.06 | 31.87 | 43.50 | -11.63 | QP |
| 3 | 473.2900 | 51.57 | -11.95 | 39.62 | 46.00 | -6.38 | QP |
| 4 | 671.1700 | 48.34 | -8.64 | 39.70 | 46.00 | -6.30 | QP |
| 5 | 702.2100 | 46.58 | -8.31 | 38.27 | 46.00 | -7.73 | QP |
| 6 | 753.6200 | 39.64 | -7.86 | 31.78 | 46.00 | -14.22 | 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

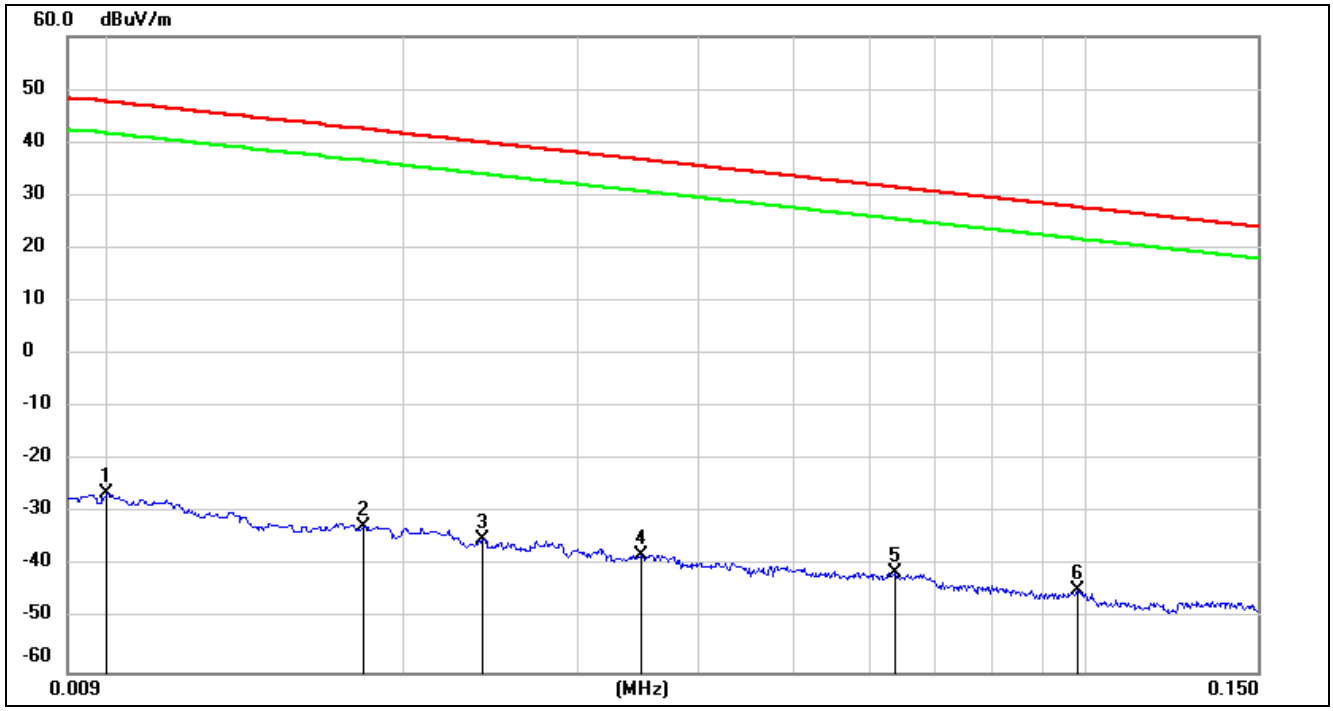
Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

## 8.7. SPURIOUS EMISSIONS BELOW 30 MHz

### 8.7.1. 802.11 a MODE

**SPURIOUS EMISSIONS (UNII-2C BAND LOW CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)**

**9 kHz~ 150 kHz**



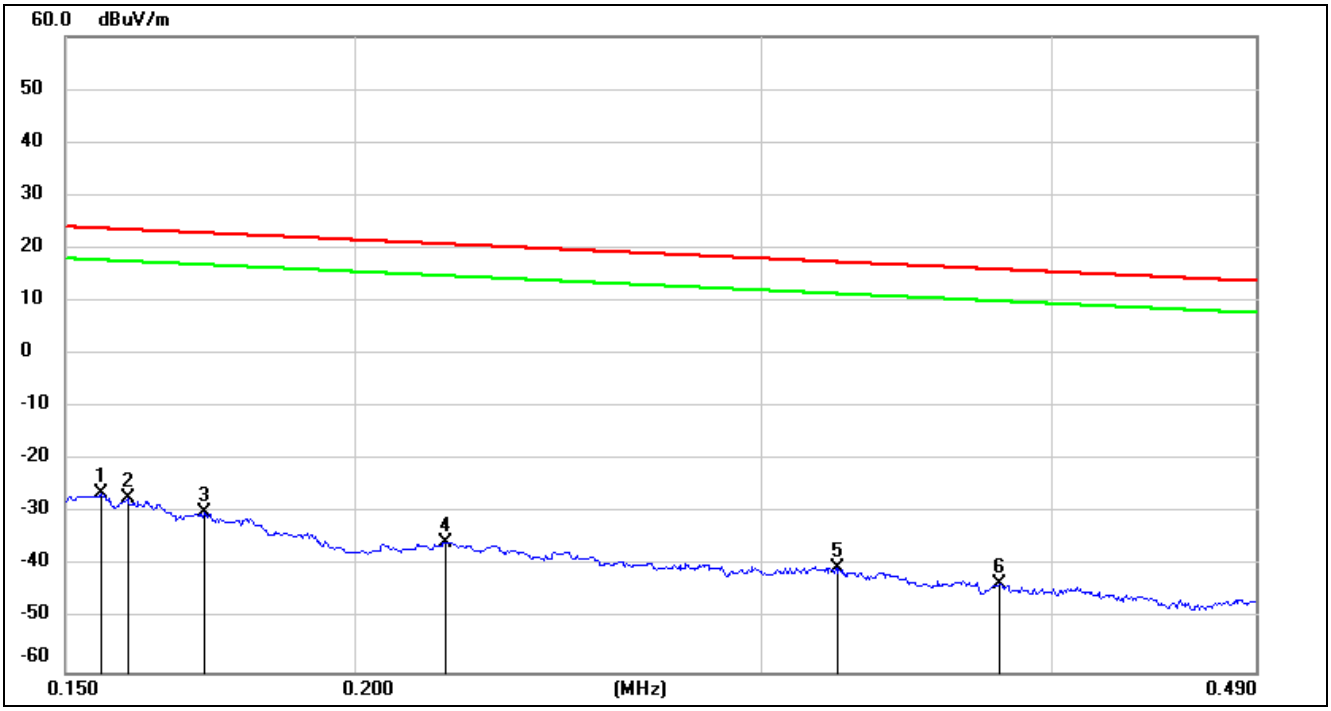

| No. | Frequency | Reading | Correct | FCC Result | FCC Limit | ISED Result | ISED Limit | Margin | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dBuA/m) | (dBuA/m) | (dB) | |
| 1 | 0.0100 | 75.22 | -101.40 | -26.18 | 47.6 | -77.68 | -3.90 | -73.78 | peak |
| 2 | 0.0181 | 68.85 | -101.36 | -32.51 | 42.45 | -84.01 | -9.05 | -74.96 | peak |
| 3 | 0.0240 | 66.32 | -101.36 | -35.04 | 40 | -86.54 | -11.50 | -75.04 | peak |
| 4 | 0.0349 | 63.53 | -101.41 | -37.88 | 36.75 | -89.38 | -14.75 | -74.63 | peak |
| 5 | 0.0636 | 60.31 | -101.54 | -41.23 | 31.53 | -92.73 | -19.97 | -72.76 | peak |
| 6 | 0.0981 | 57.27 | -101.78 | -44.51 | 27.77 | -96.01 | -23.73 | -72.28 | peak |

Note: 1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).

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.

**150 kHz ~ 490 kHz**



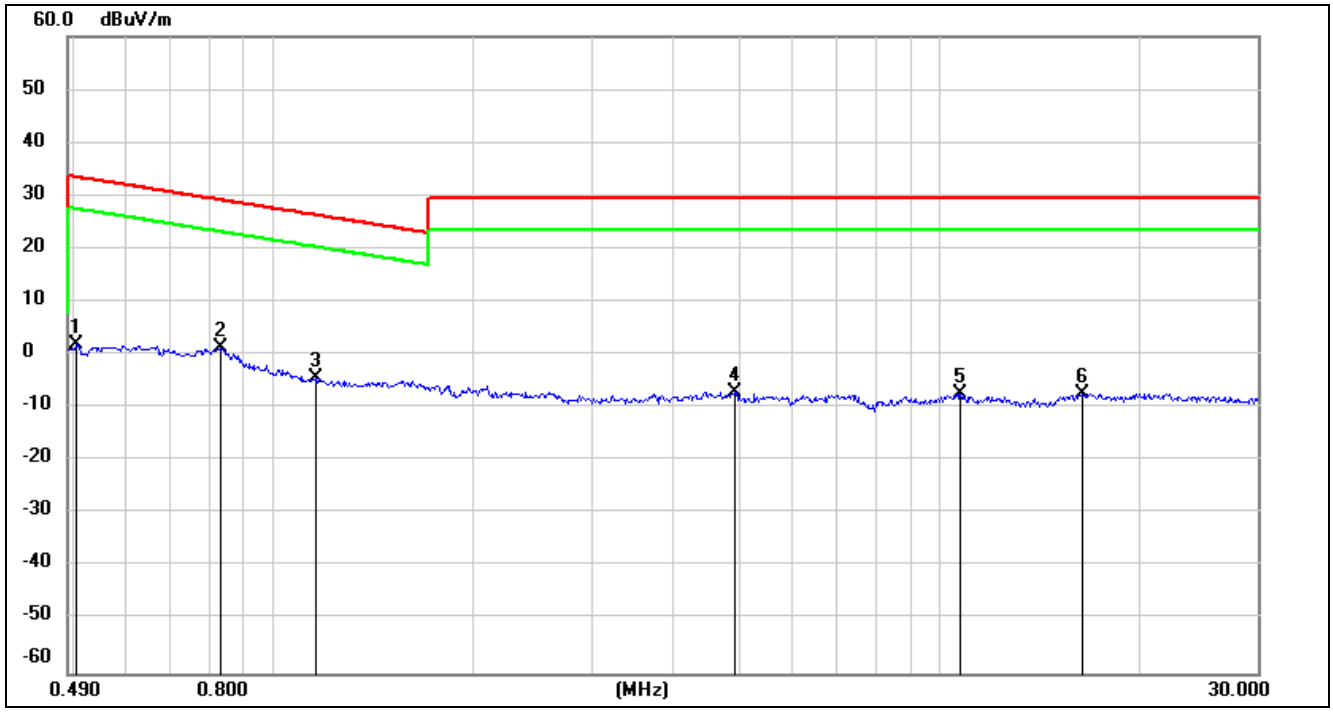

| No. | Frequency | Reading | Correct | FCC Result | FCC Limit | ISED Result | ISED Limit | Margin | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dBuA/m) | (dBuA/m) | (dB) | |
| 1 | 0.1554 | 75.27 | -101.65 | -26.38 | 23.77 | -77.88 | -27.73 | -50.15 | peak |
| 2 | 0.1595 | 74.36 | -101.65 | -27.29 | 23.55 | -78.79 | -27.95 | -50.84 | peak |
| 3 | 0.1720 | 71.69 | -101.67 | -29.98 | 22.9 | -81.48 | -28.60 | -52.88 | peak |
| 4 | 0.2190 | 66.27 | -101.75 | -35.48 | 20.79 | -86.98 | -30.71 | -56.27 | peak |
| 5 | 0.3234 | 61.48 | -101.88 | -40.4 | 17.41 | -91.90 | -34.09 | -57.81 | peak |
| 6 | 0.3800 | 58.52 | -101.94 | -43.42 | 16.01 | -94.92 | -35.49 | -59.43 | peak |

Note: 1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).

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.

## 490 kHz ~ 30 MHz




| No. | Frequency | Reading | Correct | FCC Result | FCC Limit | ISED Result | ISED Limit | Margin | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dBuA/m) | (dBuA/m) | (dB) | |
| 1 | 0.5039 | 63.93 | -62.07 | 1.86 | 33.56 | -49.64 | -17.94 | -31.70 | peak |
| 2 | 0.8296 | 63.44 | -62.17 | 1.27 | 29.23 | -50.23 | -22.27 | -27.96 | peak |
| 3 | 1.1531 | 57.75 | -62.20 | -4.45 | 26.37 | -55.95 | -25.13 | -30.82 | peak |
| 4 | 4.9165 | 54.38 | -61.48 | -7.1 | 29.54 | -58.60 | -21.96 | -36.64 | peak |
| 5 | 10.7299 | 53.48 | -60.83 | -7.35 | 29.54 | -58.85 | -21.96 | -36.89 | peak |
| 6 | 16.3959 | 53.67 | -60.96 | -7.29 | 29.54 | -58.79 | -21.96 | -36.83 | peak |

Note: 1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).

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 the modes and channels had been tested, but only the worst data was recorded in the report.

# 9. AC POWER LINE CONDUCTED EMISSIONS

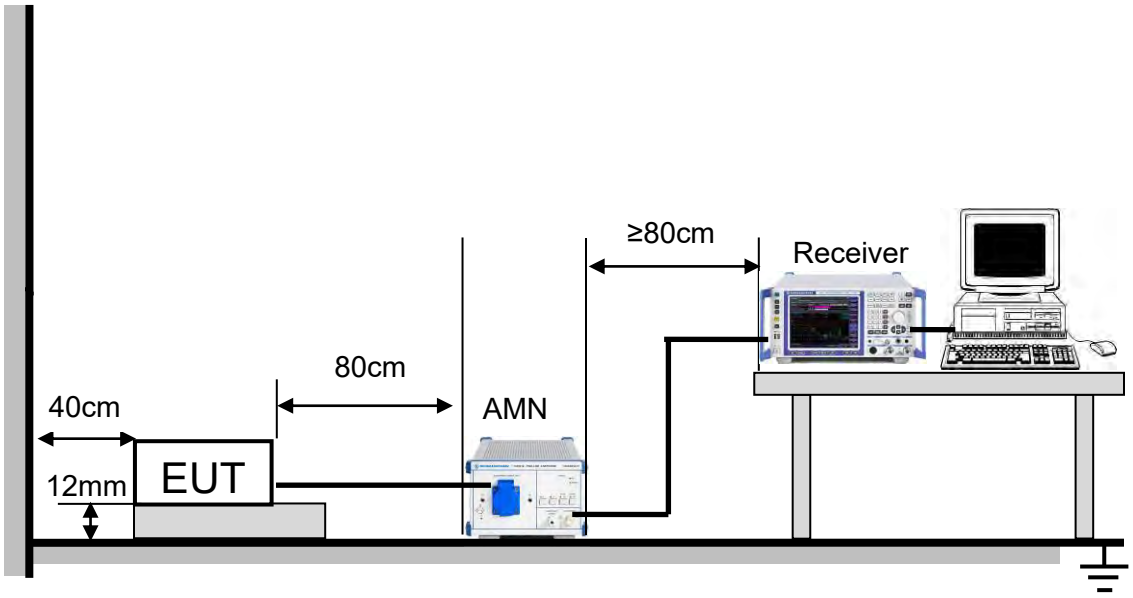
**LIMITS**

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 12 mm 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.

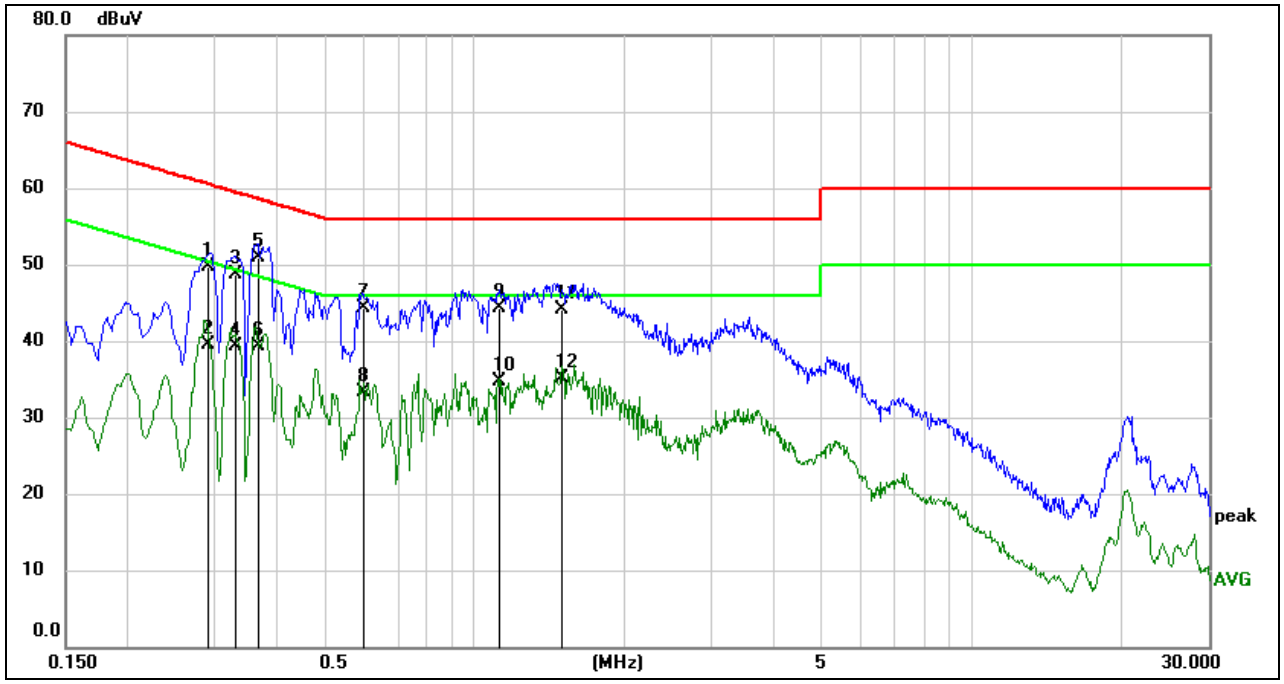
**TEST ENVIRONMENT**

| | | | |
|---|---|---|---|
| Temperature | 24.6 °C | Relative Humidity | 67.6 % |
| Atmosphere Pressure | 101 kPa | Test Voltage | AC 120V,60HZ |

**RESULTS**

## 9.1. 802.11 a MODE

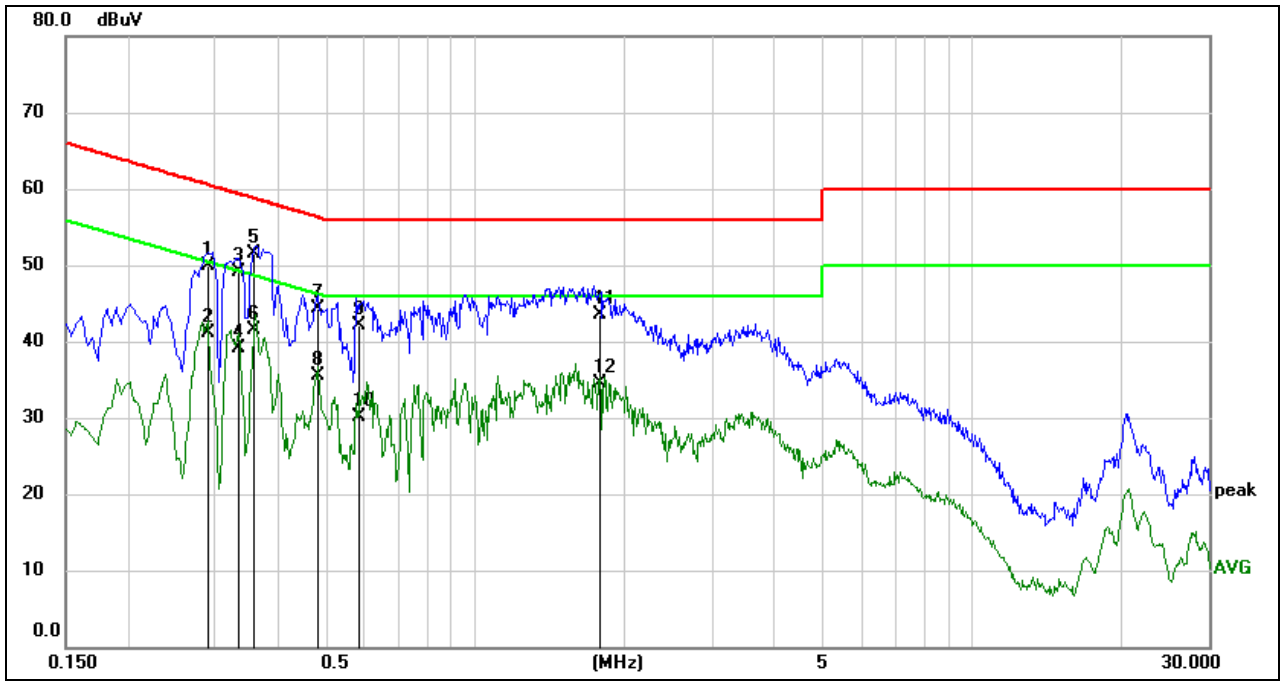
**LINE N RESULTS (UNII-2C BAND LOW CHANNEL, WORST-CASE CONFIGURATION)**




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 0.2900 | 40.06 | 9.59 | 49.65 | 60.52 | -10.87 | QP |
| 2 | 0.2900 | 29.90 | 9.59 | 39.49 | 50.52 | -11.03 | AVG |
| 3 | 0.3287 | 39.20 | 9.59 | 48.79 | 59.48 | -10.69 | QP |
| 4 | 0.3287 | 29.72 | 9.59 | 39.31 | 49.48 | -10.17 | AVG |
| 5 | 0.3661 | 41.28 | 9.59 | 50.87 | 58.59 | -7.72 | QP |
| 6 | 0.3661 | 29.65 | 9.59 | 39.24 | 48.59 | -9.35 | AVG |
| 7 | 0.5985 | 34.65 | 9.60 | 44.25 | 56.00 | -11.75 | QP |
| 8 | 0.5985 | 23.71 | 9.60 | 33.31 | 46.00 | -12.69 | AVG |
| 9 | 1.1154 | 34.78 | 9.61 | 44.39 | 56.00 | -11.61 | QP |
| 10 | 1.1154 | 25.11 | 9.61 | 34.72 | 46.00 | -11.28 | AVG |
| 11 | 1.4970 | 34.47 | 9.62 | 44.09 | 56.00 | -11.91 | QP |
| 12 | 1.4970 | 25.50 | 9.62 | 35.12 | 46.00 | -10.88 | 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 L RESULTS (UNII-2C BAND LOW CHANNEL, WORST-CASE CONFIGURATION)




| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 0.2891 | 40.32 | 9.59 | 49.91 | 60.55 | -10.64 | QP |
| 2 | 0.2891 | 31.53 | 9.59 | 41.12 | 50.55 | -9.43 | AVG |
| 3 | 0.3349 | 39.52 | 9.59 | 49.11 | 59.33 | -10.22 | QP |
| 4 | 0.3349 | 29.50 | 9.59 | 39.09 | 49.33 | -10.24 | AVG |
| 5 | 0.3593 | 41.83 | 9.59 | 51.42 | 58.74 | -7.32 | QP |
| 6 | 0.3593 | 31.96 | 9.59 | 41.55 | 48.74 | -7.19 | AVG |
| 7 | 0.4795 | 34.66 | 9.60 | 44.26 | 56.35 | -12.09 | QP |
| 8 | 0.4795 | 25.83 | 9.60 | 35.43 | 46.35 | -10.92 | AVG |
| 9 | 0.5840 | 32.41 | 9.60 | 42.01 | 56.00 | -13.99 | QP |
| 10 | 0.5840 | 20.46 | 9.60 | 30.06 | 46.00 | -15.94 | AVG |
| 11 | 1.7826 | 33.91 | 9.62 | 43.53 | 56.00 | -12.47 | QP |
| 12 | 1.7826 | 24.89 | 9.62 | 34.51 | 46.00 | -11.49 | 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 and channels 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 ~ 35 °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 85 % to 115 % 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.

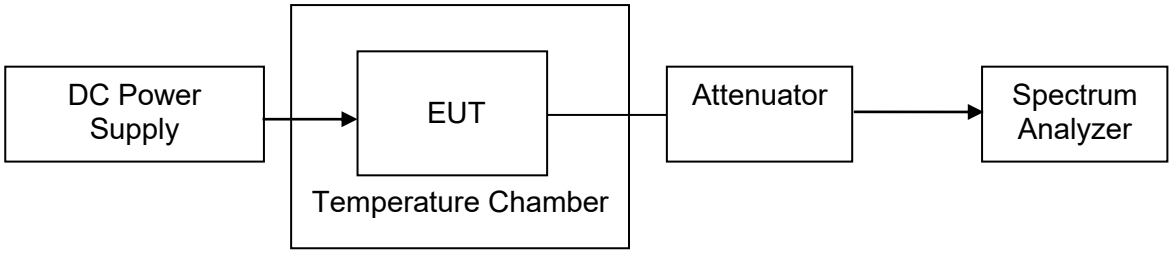
Connect the EUT to the spectrum analyser and use the following settings:

| | |
|---|---|
| Center Frequency | The center frequency of the channel under test |
| Detector | Peak |
| RBW | 10 kHz |
| VBW | ≥3 × 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, 5minutes, 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 | $T_N$ (Normal Temperature): 22 °C – 28 °C | $T_L$ (Low Temperature): 0 °C |
| | | $T_H$ (High Temperature): 35 °C |
| Supply Voltage | $V_N$ (Normal Voltage): AC 120 V, 60Hz | $V_L$ (Low Voltage): AC 138 V, 60Hz |
| | | $V_H$ (High Voltage): AC 102 V, 60Hz |

**RESULTS**

Please refer to Appendix G.

# 11. DYNAMIC FREQUENCY SELECTION

**APPLICABILITY OF DFS REQUIREMENTS**

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands.
Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode.

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

| Requirement | Operational Mode | | |
|---|---|---|---|
| | ☐ Master | ☒ Client Without Radar Detection | ☐ Client With Radar Detection |
| Non-Occupancy Period | Yes | Not required | Yes |
| DFS Detection Threshold | Yes | Not required | Yes |
| Channel Availability Check Time | Yes | Not required | Not required |
| U-NII Detection Bandwidth | Yes | Not required | Yes |

Table 2: Applicability of DFS requirements during normal operation

| Requirement | Operational Mode | |
|---|---|---|
| | ☐ Master Device or Client with Radar Detection | ☒ Client Without Radar Detection |
| DFS Detection Threshold | Yes | Not required |
| Channel Closing Transmission Time | Yes | Yes |
| Channel Move Time | Yes | Yes |
| U-NII Detection Bandwidth | Yes | Not required |

| Additional requirements for devices with multiple bandwidth modes | ☐ Master Device or Client with Radar Detection | ☒ Client Without Radar Detection |
|---|---|---|
| U-NII Detection Bandwidth and Statistical Performance Check | All BW modes must be tested | Not required |
| Channel Move Time and Channel Closing Transmission Time | Test using widest BW mode available | Test using the widest BW mode available for the link |
| All other tests | Any single BW mode | Not required |
| Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency. | | |

**LIMITS**

(1) DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

| Maximum Transmit Power | Value (See Notes 1, 2, and 3) |
|---|---|
| EIRP ≥ 200 milliwatt | -64 dBm |
| EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz | -62 dBm |
| EIRP < 200 milliwatt that do not meet the power spectral density requirement | -64 dBm |
| Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.<br>Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.<br>Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01. | |

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

| Parameter | Value |
|---|---|
| Non-occupancy period | Minimum 30 minutes |
| Channel Availability Check Time | 60 seconds |
| Channel Move Time | 10 seconds<br>See Note 1. |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. |
| U-NII Detection Bandwidth | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3. |
| Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.<br>Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.<br>Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic. | |

**PARAMETERS OF RADAR TEST WAVEFORMS**

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Table 5 Short Pulse Radar Test Waveforms

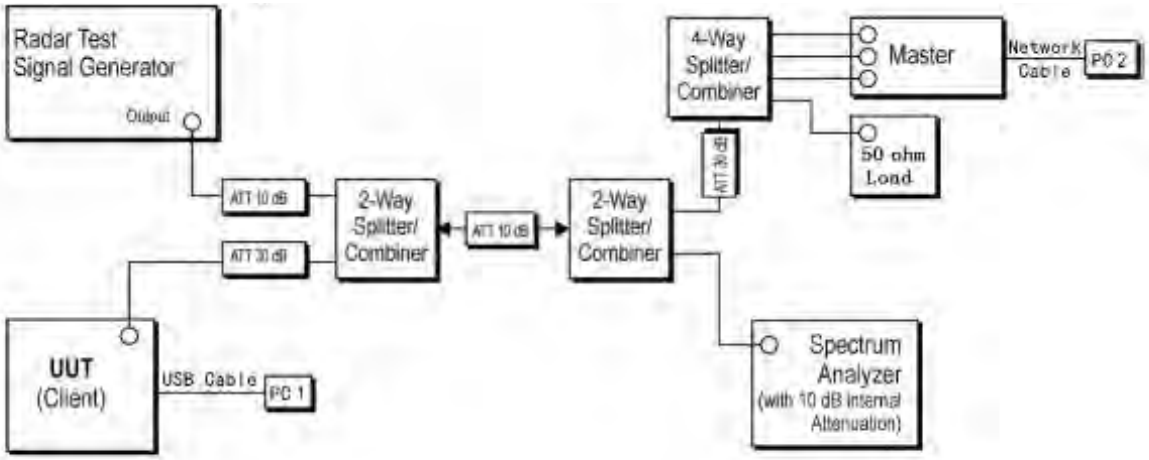
| Radar Type | Pulse Width (μsec) | PRI (μsec) | Number of Pulses | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|---|---|---|---|---|---|
| 0 | 1 | 1428 | 18 | See Note 1 | See Note 1 |
| 1 | 1 | Test A | Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{PRI_{\mu sec}}\right)\right\}$ | 60% | 30 |
| | | Test B | | | |
| 2 | 1-5 | 150-230 | 23-29 | 60% | 30 |
| 3 | 6-10 | 200-500 | 16-18 | 60% | 30 |
| 4 | 11-20 | 200-500 | 12-16 | 60% | 30 |
| Aggregate (Radar Types 1-4) | | | | 80% | 120 |

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.
Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4.

**TEST SETUP**

Setup for Client with injection at the Master




**RESULTS**

Please refer to Appendix E&F.

# 12. 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

# 13. Appendix

## 13.1. Appendix A1: Emission Bandwidth

### 13.1.1. Test Result

| TestMode | Antenna | Channel | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant1 | 5180 | 19.720 | 5170.080 | 5189.800 | --- | PASS |
| | | 5200 | 19.680 | 5190.040 | 5209.720 | --- | PASS |
| | | 5240 | 19.960 | 5229.960 | 5249.920 | --- | PASS |
| | | 5260 | 19.760 | 5249.960 | 5269.720 | --- | PASS |
| | | 5280 | 19.800 | 5269.960 | 5289.760 | --- | PASS |
| | | 5320 | 19.880 | 5309.920 | 5329.800 | --- | PASS |
| | | 5500 | 19.800 | 5489.960 | 5509.760 | --- | PASS |
| | | 5580 | 19.800 | 5570.160 | 5589.960 | --- | PASS |
| | | 5700 | 19.800 | 5689.960 | 5709.760 | --- | PASS |
| | | 5720 | 19.920 | 5710.040 | 5729.960 | --- | PASS |
| | | 5720_UNII-2C | 14.96 | 5710.040 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 4.96 | 5725 | 5729.960 | --- | PASS |
| | | 5745 | 19.840 | 5735.080 | 5754.920 | --- | PASS |
| | | 5785 | 20.040 | 5775.080 | 5795.120 | --- | PASS |
| | | 5825 | 19.960 | 5814.920 | 5834.880 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | 20.000 | 5169.880 | 5189.880 | --- | PASS |
| | | 5200 | 20.240 | 5189.840 | 5210.080 | --- | PASS |
| | | 5240 | 20.120 | 5229.840 | 5249.960 | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | 20.080 | 5169.880 | 5189.960 | --- | PASS |
| | | 5200 | 20.400 | 5189.760 | 5210.160 | --- | PASS |
| | | 5240 | 19.880 | 5230.040 | 5249.920 | --- | PASS |
| | | 5260 | 20.520 | 5249.760 | 5270.280 | --- | PASS |
| | | 5280 | 20.160 | 5269.920 | 5290.080 | --- | PASS |
| | | 5320 | 20.120 | 5309.880 | 5330.000 | --- | PASS |
| | | 5500 | 20.080 | 5489.840 | 5509.920 | --- | PASS |
| | | 5580 | 20.120 | 5569.880 | 5590.000 | --- | PASS |
| | | 5700 | 20.160 | 5689.920 | 5710.080 | --- | PASS |
| | | 5720 | 20.240 | 5709.760 | 5730.000 | --- | PASS |
| | | 5720_UNII-2C | 15.24 | 5709.760 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 5 | 5725 | 5730.000 | --- | PASS |
| | | 5745 | 20.320 | 5734.720 | 5755.040 | --- | PASS |
| | | 5785 | 20.440 | 5774.800 | 5795.240 | --- | PASS |
| | | 5825 | 20.360 | 5814.800 | 5835.160 | --- | PASS |
| 11AC40SISO | Ant1 | 5190 | 40.560 | 5169.680 | 5210.240 | --- | PASS |
| | | 5230 | 40.320 | 5209.840 | 5250.160 | --- | PASS |
| | | 5270 | 40.240 | 5249.760 | 5290.000 | --- | PASS |
| | | 5310 | 40.400 | 5289.760 | 5330.160 | --- | PASS |
| | | 5510 | 40.640 | 5489.760 | 5530.400 | --- | PASS |
| | | 5550 | 40.320 | 5529.760 | 5570.080 | --- | PASS |
| | | 5670 | 40.640 | 5649.760 | 5690.400 | --- | PASS |
| | | 5710 | 40.480 | 5689.680 | 5730.160 | --- | PASS |
| | | 5710_UNII-2C | 35.32 | 5689.680 | 5725 | --- | PASS |
| | | 5710_UNII-3 | 5.16 | 5725 | 5730.160 | --- | PASS |
| | | 5755 | 40.480 | 5734.680 | 5775.160 | --- | PASS |
| | | 5795 | 40.160 | 5774.840 | 5815.000 | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | 80.800 | 5169.840 | 5250.640 | --- | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 5290 | 80.640 | 5249.520 | 5330.160 | --- | PASS |
| | | 5530 | 80.640 | 5489.840 | 5570.480 | --- | PASS |
| | | 5610 | 80.640 | 5569.520 | 5650.160 | --- | PASS |
| | | 5690 | 81.120 | 5649.360 | 5730.480 | --- | PASS |
| | | 5690_UNII-2C | 75.64 | 5649.360 | 5725 | --- | PASS |
| | | 5690_UNII-3 | 5.48 | 5725 | 5730.480 | --- | PASS |
| | | 5775 | 80.640 | 5734.520 | 5815.160 | --- | PASS |

### 13.1.2. Test Graphs


11A_Ant1_5180


11A_Ant1_5200


11A_Ant1_5240


11A_Ant1_5260


11A_Ant1_5280


11A_Ant1_5320


11A_Ant1_5500


11A_Ant1_5580


11A_Ant1_5700


11A_Ant1_5720

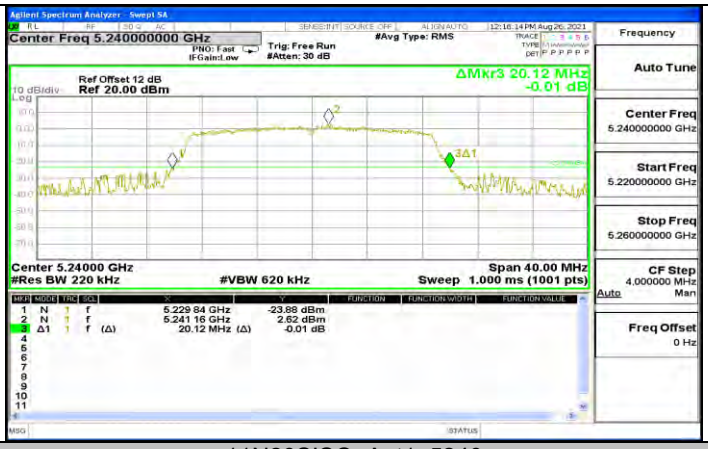

11A_Ant1_5745


11A_Ant1_5785


11A_Ant1_5825


11N20SISO_Ant1_5180


11N20SISO_Ant1_5200




11N20SISO_Ant1_5240

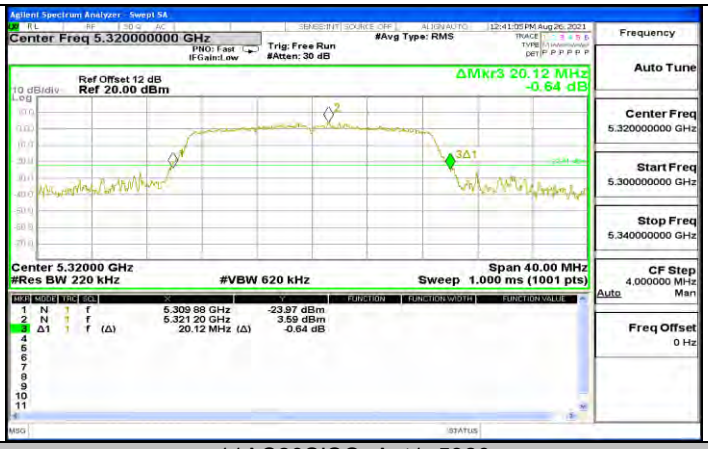

11AC20SISO_Ant1_5180


11AC20SISO_Ant1_5200


11AC20SISO_Ant1_5240


11AC20SISO_Ant1_5260


11AC20SISO_Ant1_5280




11AC20SISO_Ant1_5320


11AC20SISO_Ant1_5500


11AC20SISO_Ant1_5580


11AC20SISO_Ant1_5700

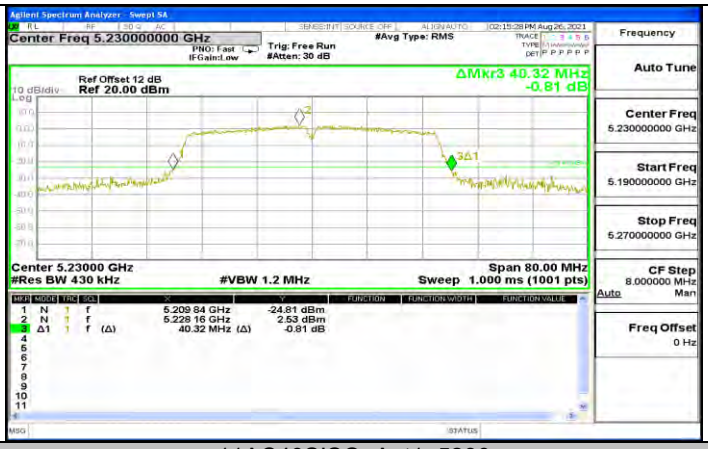

11AC20SISO_Ant1_5720


11AC20SISO_Ant1_5745


11AC20SISO_Ant1_5785


11AC20SISO_Ant1_5825

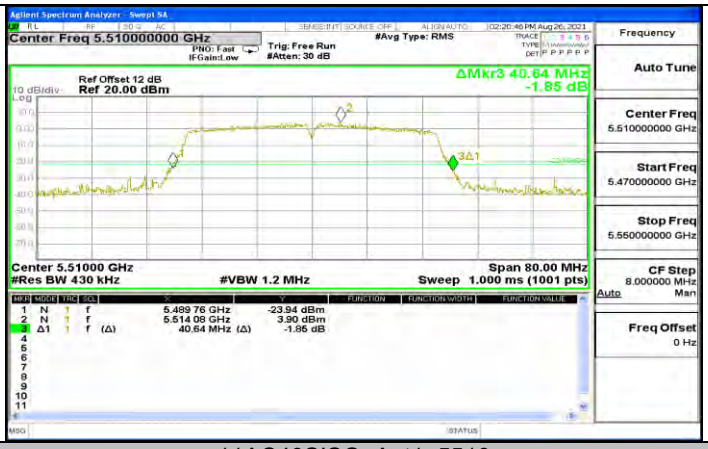

11AC40SISO_Ant1_5190




11AC40SISO_Ant1_5230


11AC40SISO_Ant1_5270


11AC40SISO_Ant1_5310




11AC40SISO_Ant1_5510


11AC40SISO_Ant1_5550


11AC40SISO_Ant1_5670


11AC40SISO_Ant1_5710

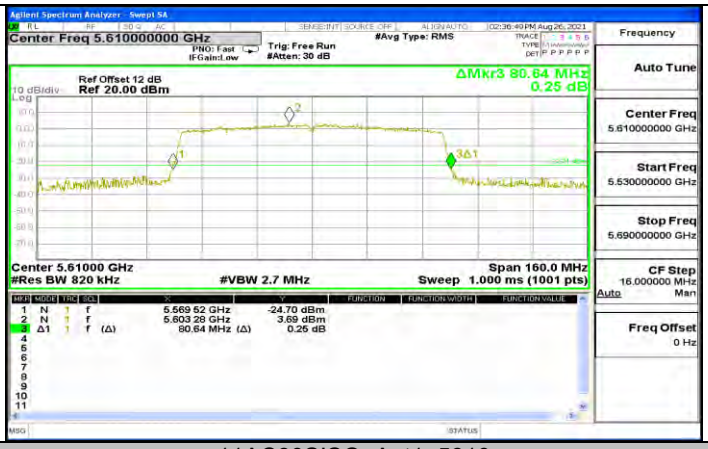

11AC40SISO_Ant1_5755


11AC40SISO_Ant1_5795


11AC80SISO_Ant1_5210


11AC80SISO_Ant1_5290


11AC80SISO_Ant1_5530




11AC80SISO_Ant1_5610


11AC80SISO_Ant1_5690


11AC80SISO_Ant1_5775

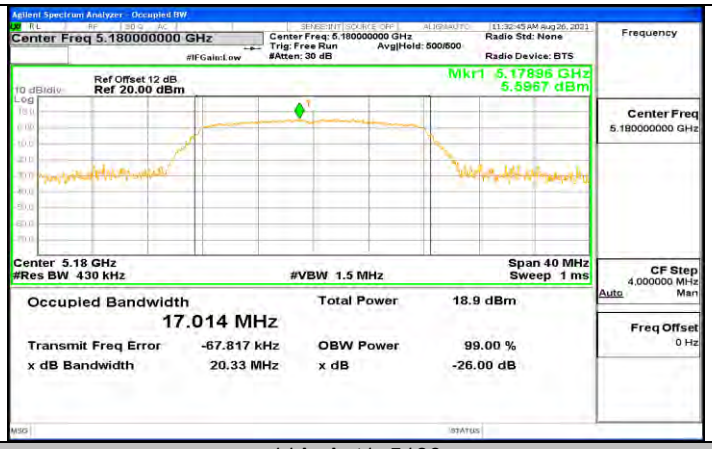
## 13.2. Appendix A2: Occupied channel bandwidth

### 13.2.1. Test Result

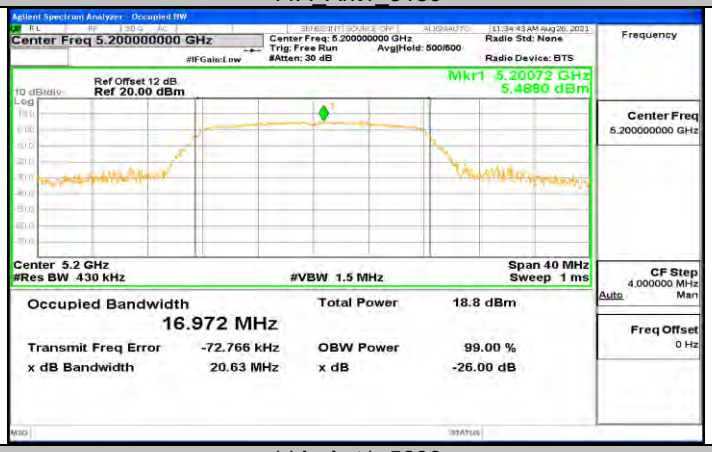
| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant1 | 5180 | 17.014 | 5171.425 | 5188.439 | --- | PASS |
| | | 5200 | 16.972 | 5191.441 | 5208.413 | --- | PASS |
| | | 5240 | 16.981 | 5231.431 | 5248.412 | --- | PASS |
| | | 5260 | 16.941 | 5251.469 | 5268.410 | --- | PASS |
| | | 5280 | 16.961 | 5271.486 | 5288.447 | --- | PASS |
| | | 5320 | 16.928 | 5311.470 | 5328.398 | --- | PASS |
| | | 5500 | 16.550 | 5491.652 | 5508.202 | --- | PASS |
| | | 5580 | 16.921 | 5571.478 | 5588.399 | --- | PASS |
| | | 5700 | 16.922 | 5691.456 | 5708.378 | --- | PASS |
| | | 5720 | 16.977 | 5711.474 | 5728.451 | --- | PASS |
| | | 5720_UNII-2C | 13.526 | 5711.474 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 3.451 | 5725 | 5728.451 | --- | PASS |
| | | 5745 | 16.965 | 5736.426 | 5753.391 | --- | PASS |
| | | 5785 | 16.947 | 5776.444 | 5793.391 | --- | PASS |
| | | 5825 | 17.017 | 5816.401 | 5833.418 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | 17.988 | 5170.914 | 5188.902 | --- | PASS |
| | | 5200 | 17.972 | 5190.951 | 5208.923 | --- | PASS |
| | | 5240 | 17.954 | 5230.942 | 5248.896 | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | 17.918 | 5170.976 | 5188.894 | --- | PASS |
| | | 5200 | 17.864 | 5191.023 | 5208.887 | --- | PASS |
| | | 5240 | 17.927 | 5230.962 | 5248.889 | --- | PASS |
| | | 5260 | 17.873 | 5251.013 | 5268.886 | --- | PASS |
| | | 5280 | 17.846 | 5271.029 | 5288.875 | --- | PASS |
| | | 5320 | 17.859 | 5311.000 | 5328.859 | --- | PASS |
| | | 5500 | 17.832 | 5491.029 | 5508.861 | --- | PASS |
| | | 5580 | 17.856 | 5570.993 | 5588.849 | --- | PASS |
| | | 5700 | 17.832 | 5691.019 | 5708.851 | --- | PASS |
| | | 5720 | 17.898 | 5710.989 | 5728.887 | --- | PASS |
| | | 5720_UNII-2C | 14.011 | 5710.989 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 3.887 | 5725 | 5728.887 | --- | PASS |
| | | 5745 | 17.797 | 5736.038 | 5753.835 | --- | PASS |
| | | 5785 | 17.928 | 5775.984 | 5793.912 | --- | PASS |
| | | 5825 | 17.953 | 5815.957 | 5833.910 | --- | PASS |
| 11AC40SISO | Ant1 | 5190 | 36.377 | 5171.779 | 5208.156 | --- | PASS |
| | | 5230 | 36.309 | 5211.838 | 5248.147 | --- | PASS |
| | | 5270 | 36.315 | 5251.821 | 5288.136 | --- | PASS |
| | | 5310 | 36.175 | 5291.873 | 5328.048 | --- | PASS |
| | | 5510 | 36.261 | 5491.792 | 5528.053 | --- | PASS |
| | | 5550 | 36.337 | 5531.754 | 5568.091 | --- | PASS |
| | | 5670 | 36.201 | 5651.842 | 5688.043 | --- | PASS |
| | | 5710 | 36.363 | 5691.809 | 5728.172 | --- | PASS |
| | | 5710_UNII-2C | 33.191 | 5691.809 | 5725 | --- | PASS |
| | | 5710_UNII-3 | 3.172 | 5725 | 5728.172 | --- | PASS |
| | | 5755 | 36.297 | 5736.775 | 5773.072 | --- | PASS |
| | | 5795 | 36.386 | 5776.762 | 5813.148 | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | 75.246 | 5172.443 | 5247.689 | --- | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 5290 | 75.294 | 5252.369 | 5327.663 | --- | PASS |
| | | 5530 | 75.381 | 5492.219 | 5567.600 | --- | PASS |
| | | 5610 | 75.329 | 5572.281 | 5647.610 | --- | PASS |
| | | 5690 | 75.313 | 5652.307 | 5727.620 | --- | PASS |
| | | 5690_UNII-2C | 72.693 | 5652.307 | 5725 | --- | PASS |
| | | 5690_UNII-3 | 2.62 | 5725 | 5727.620 | --- | PASS |
| | | 5775 | 75.491 | 5737.211 | 5812.702 | --- | PASS |

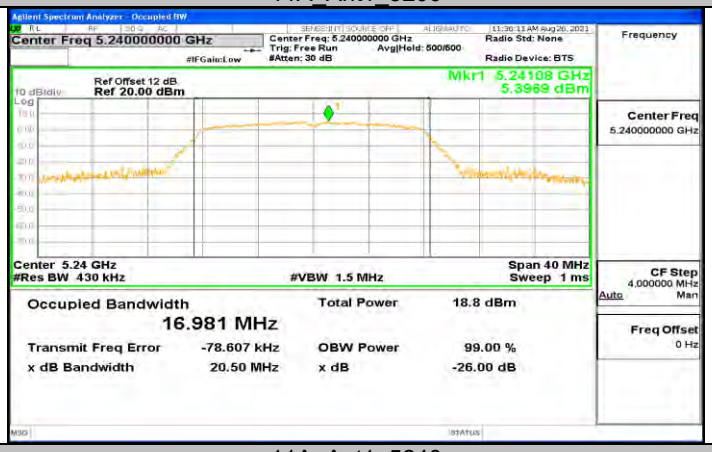
### 13.2.2. Test Graphs



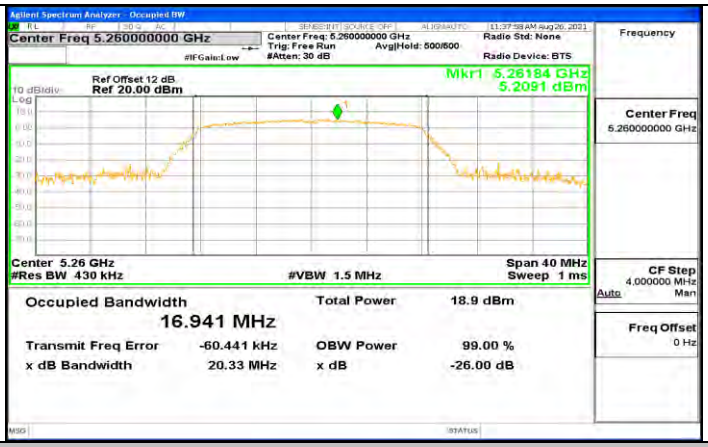

11A_Ant1_5180



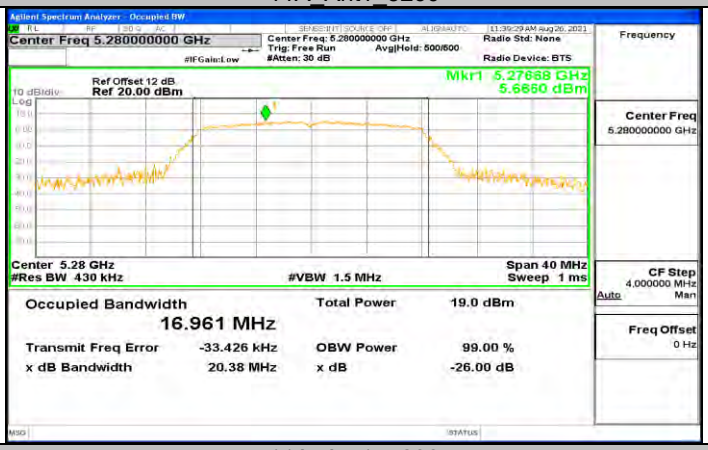

11A_Ant1_5200



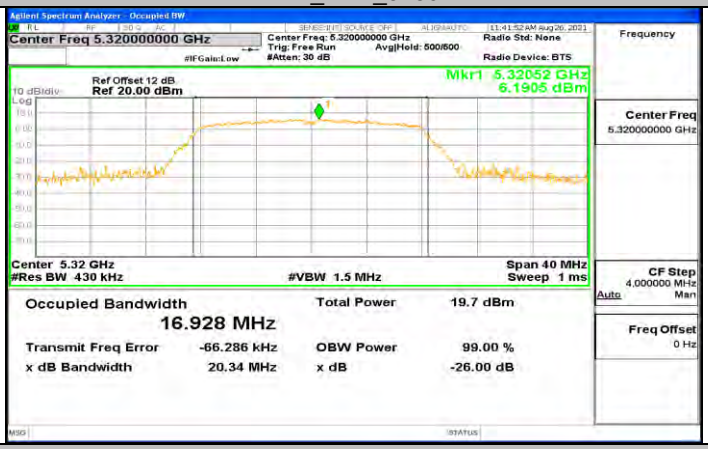

11A_Ant1_5240



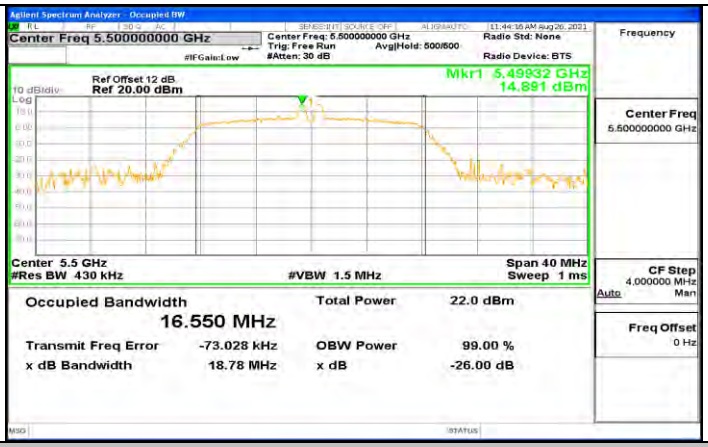

11A_Ant1_5260



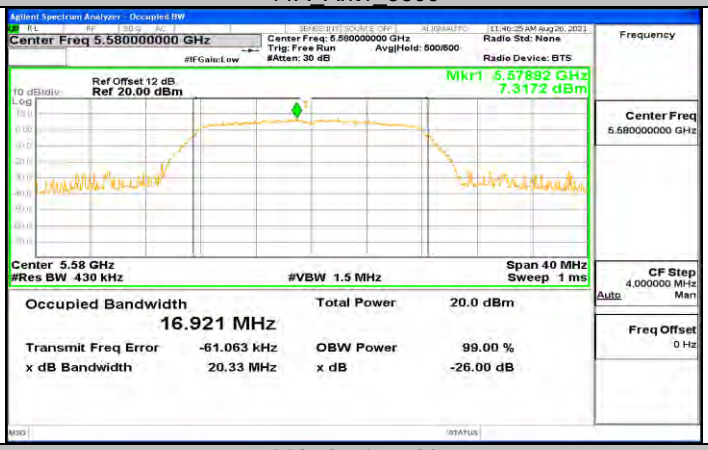

11A_Ant1_5280



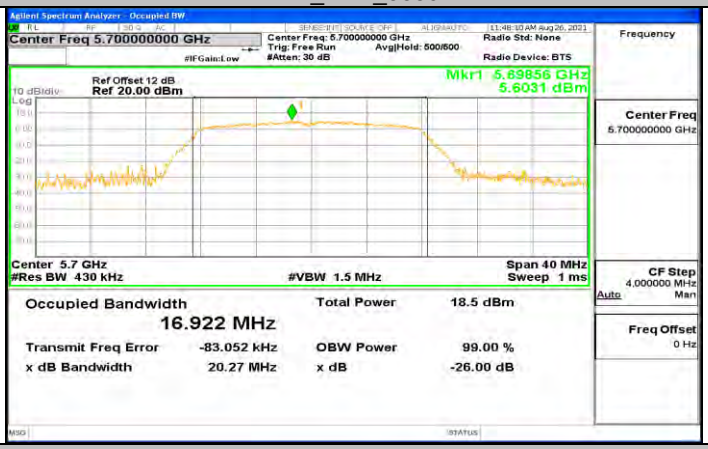

11A_Ant1_5320



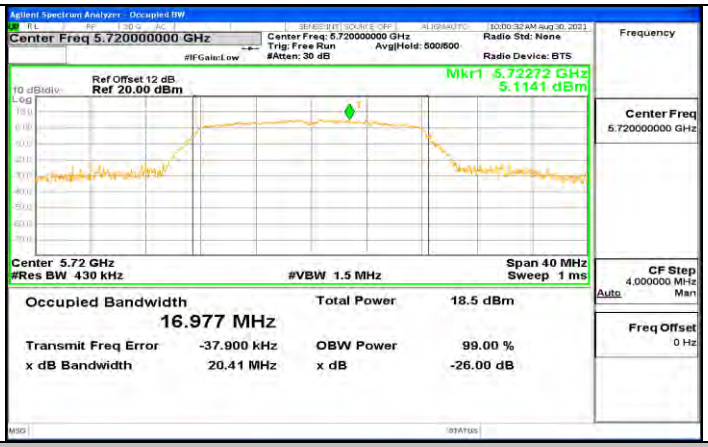

11A_Ant1_5500



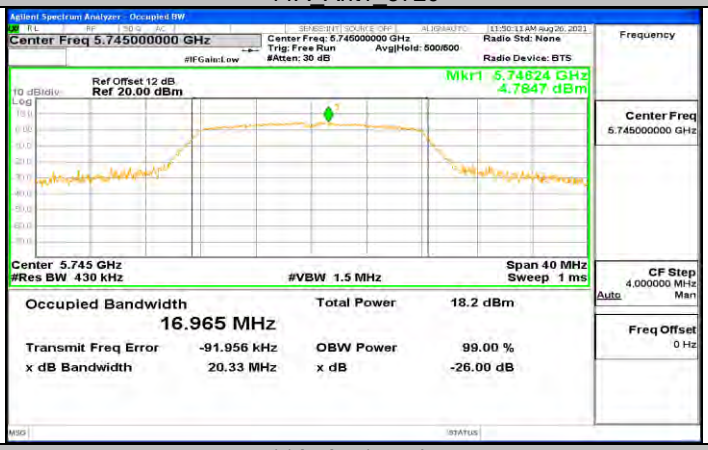

11A_Ant1_5580



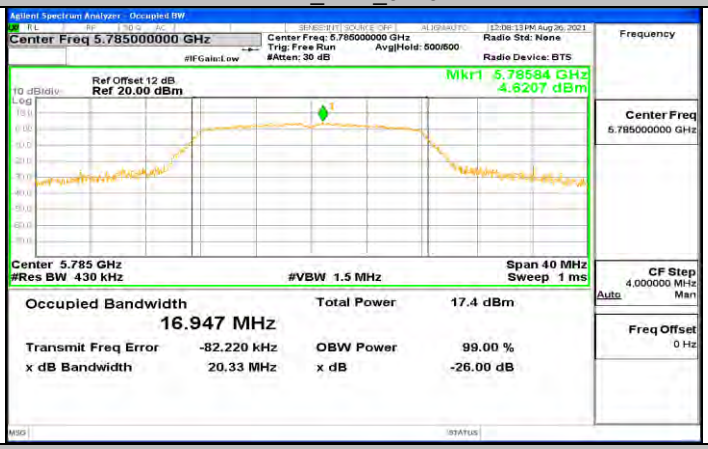

11A_Ant1_5700



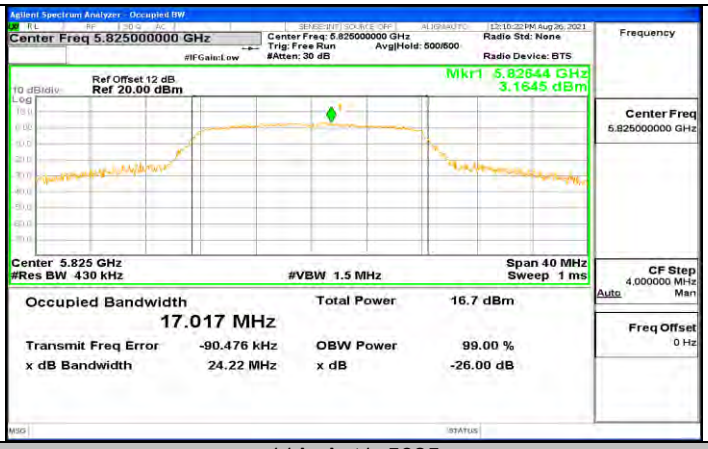

11A_Ant1_5720



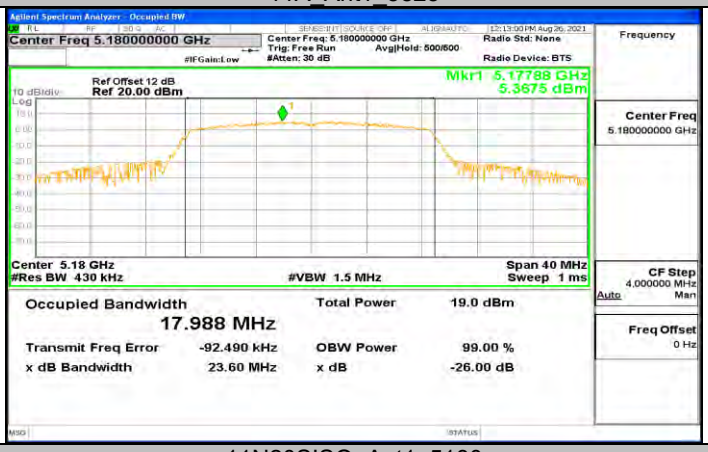

11A_Ant1_5745



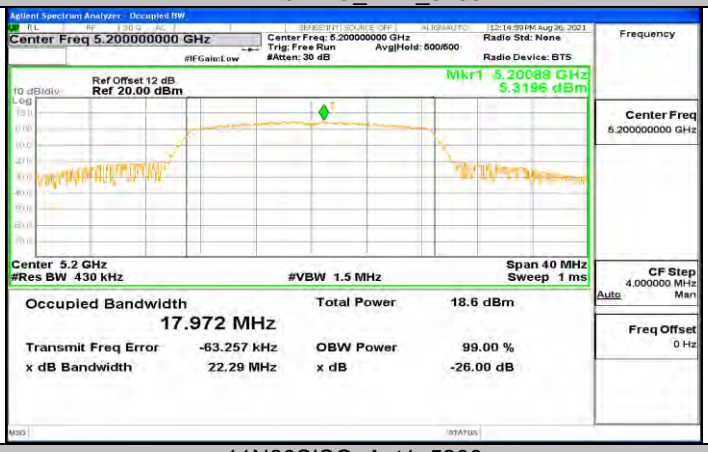

11A_Ant1_5785



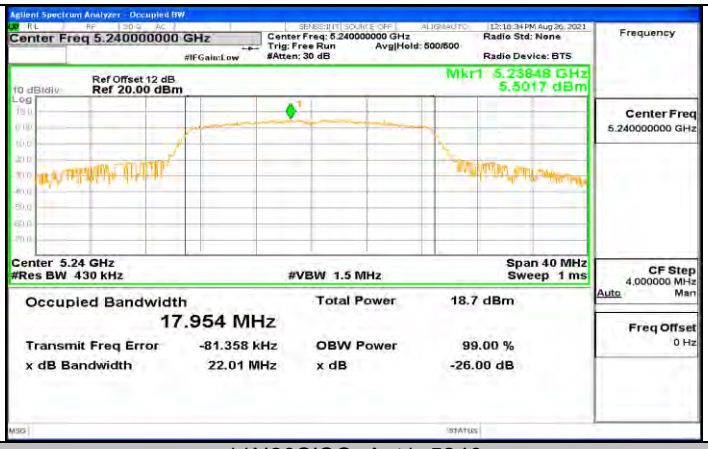

11A_Ant1_5825



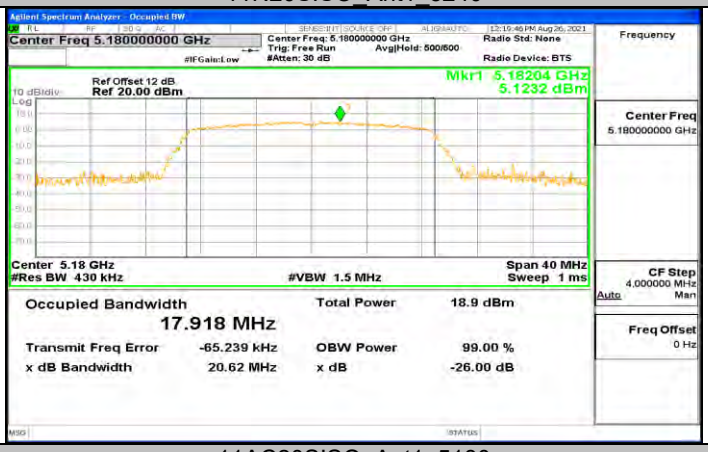

11N20SISO_Ant1_5180



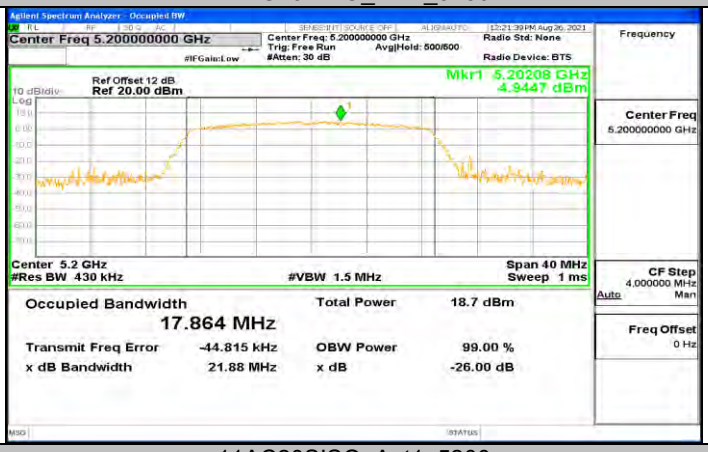

11N20SISO_Ant1_5200



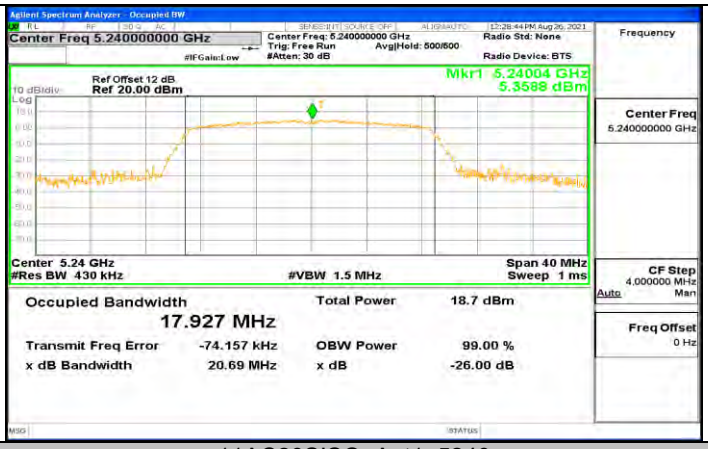

11N20SISO_Ant1_5240



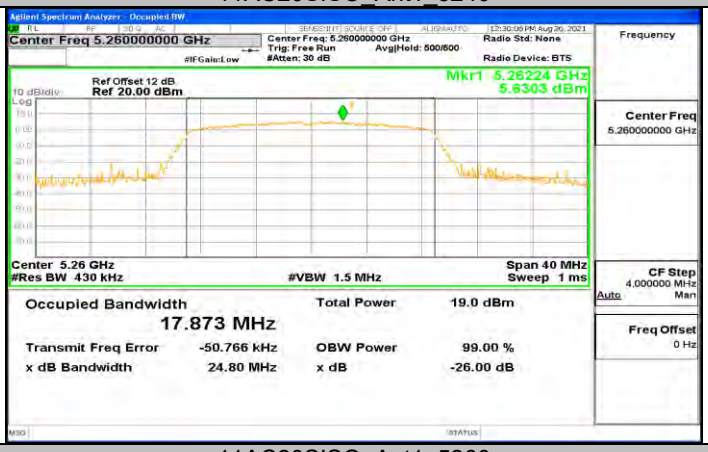

11AC20SISO_Ant1_5180



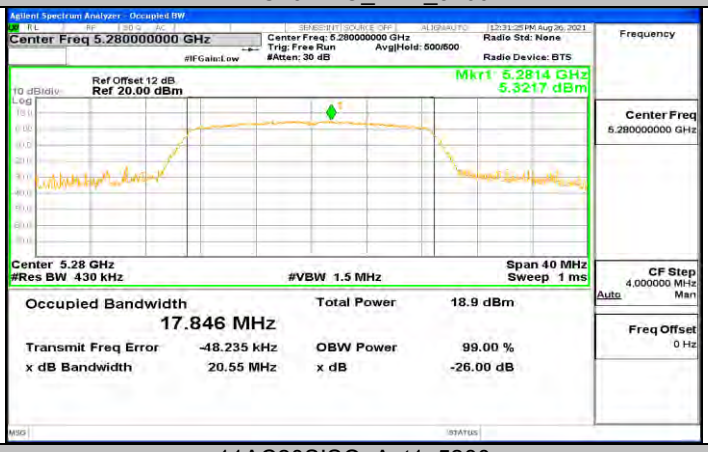

11AC20SISO_Ant1_5200



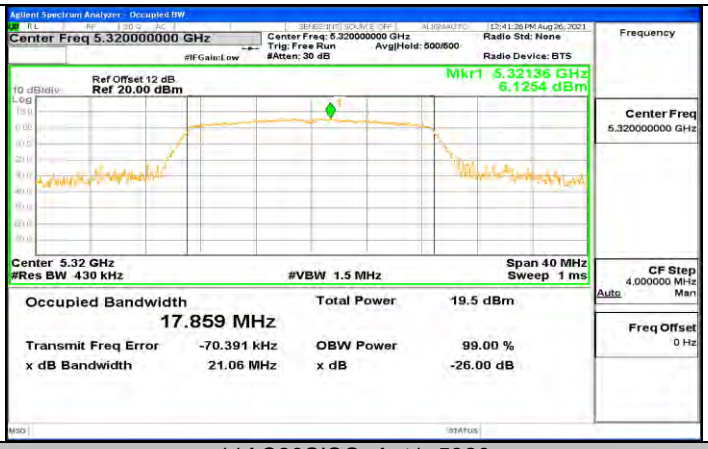

11AC20SISO_Ant1_5240



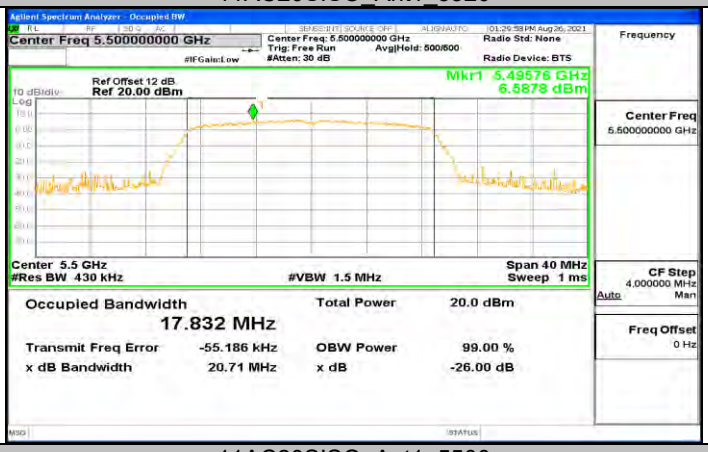

11AC20SISO_Ant1_5260



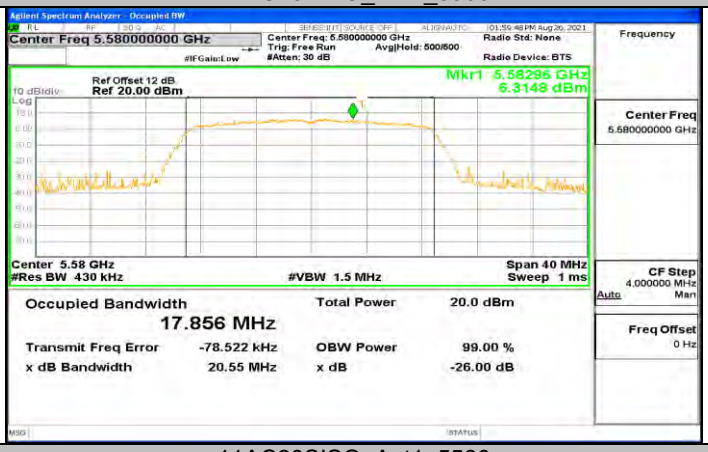

11AC20SISO_Ant1_5280



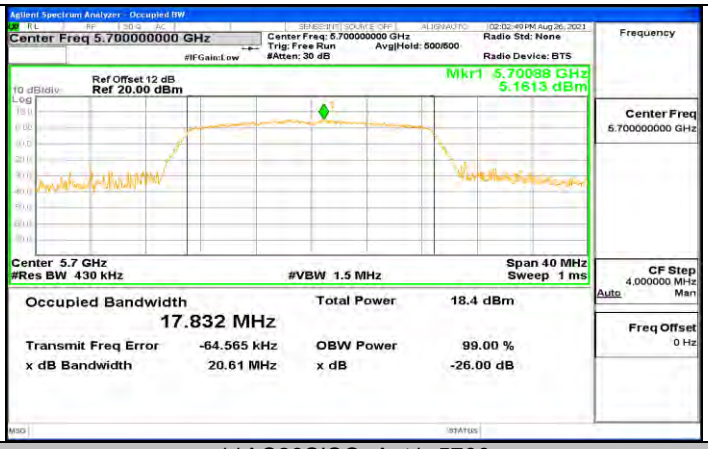

11AC20SISO_Ant1_5320



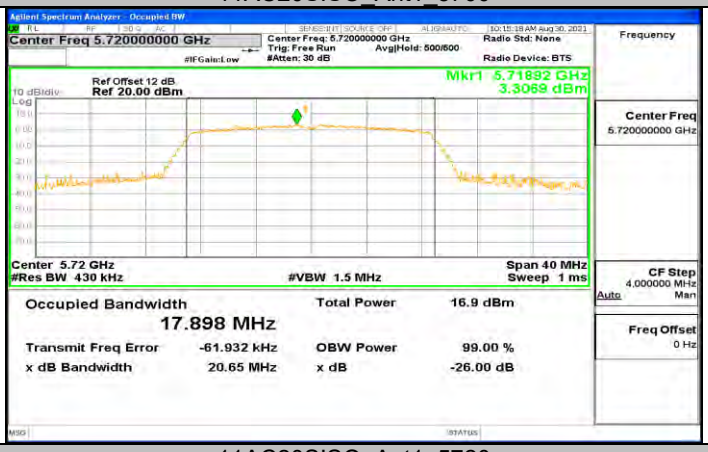

11AC20SISO_Ant1_5500



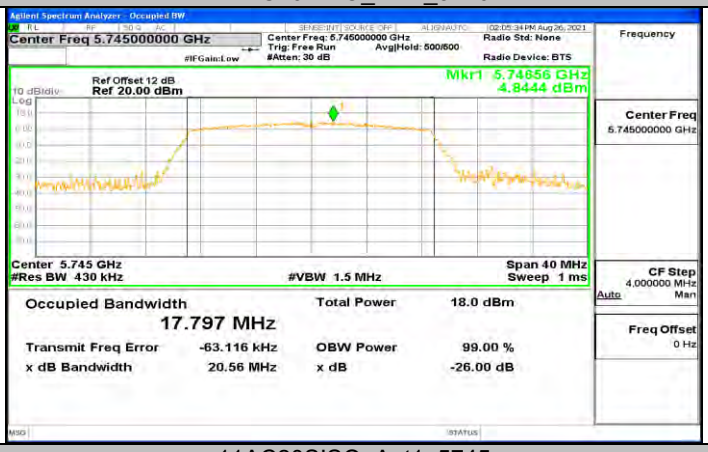

11AC20SISO_Ant1_5580



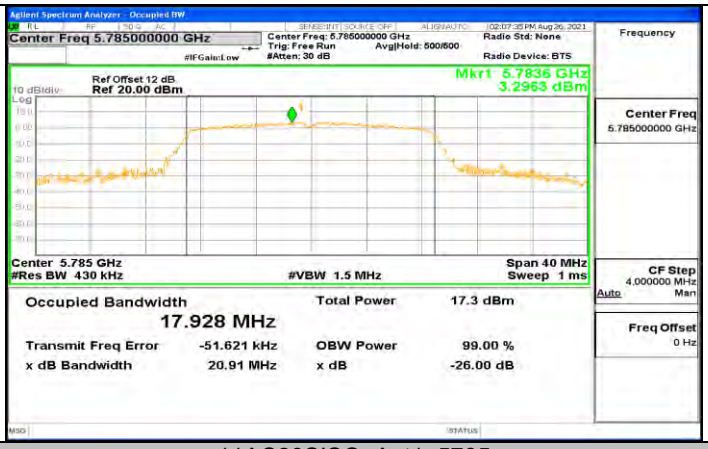

11AC20SISO_Ant1_5700



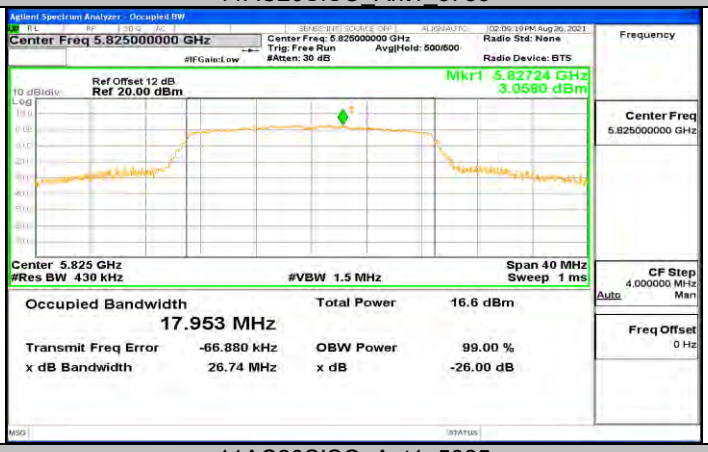

11AC20SISO_Ant1_5720



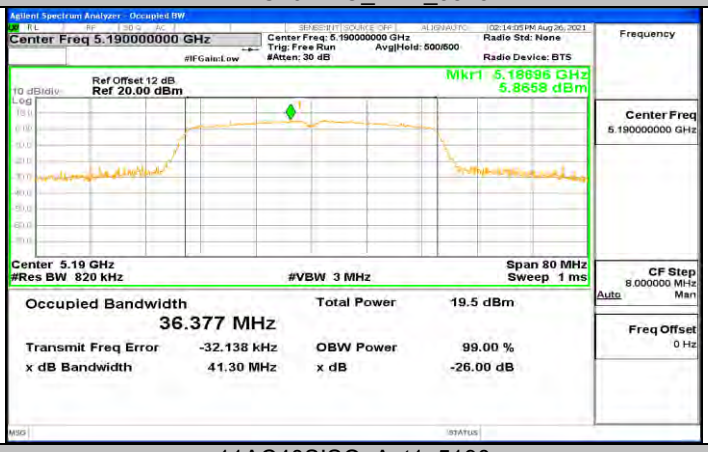

11AC20SISO_Ant1_5745



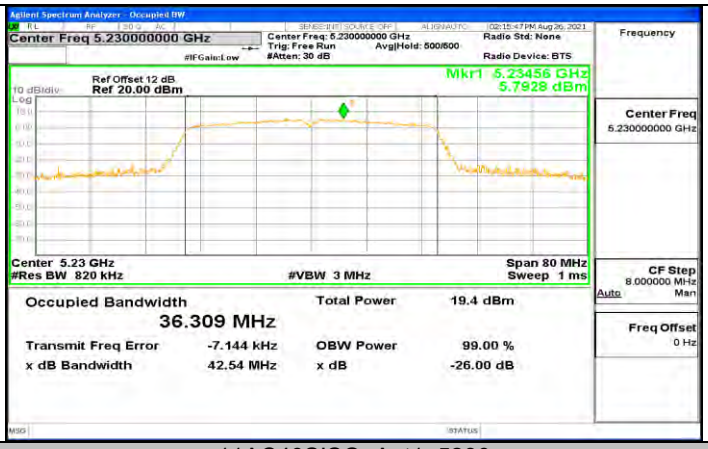

11AC20SISO_Ant1_5785



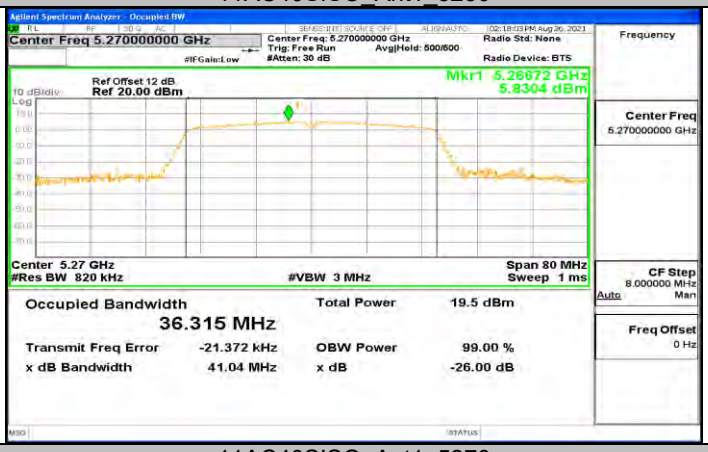

11AC20SISO_Ant1_5825



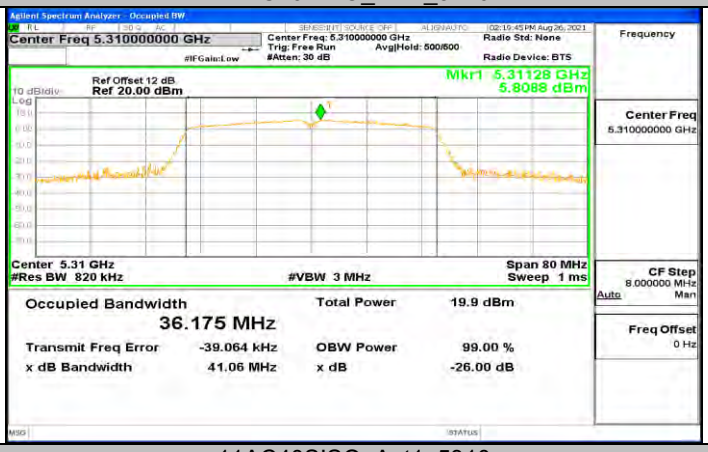

11AC40SISO_Ant1_5190



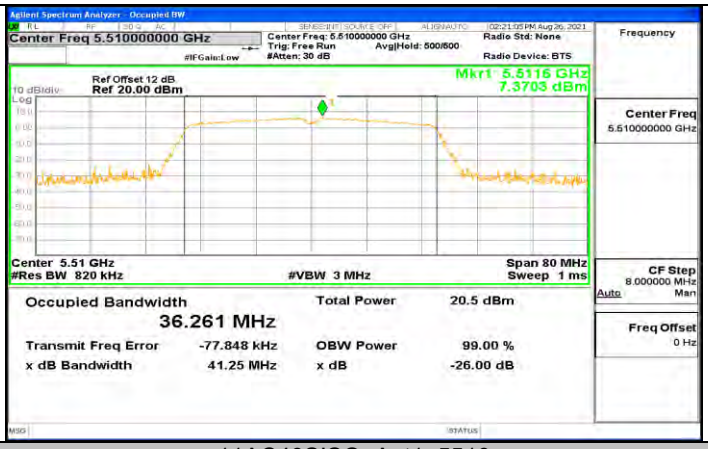

11AC40SISO_Ant1_5230



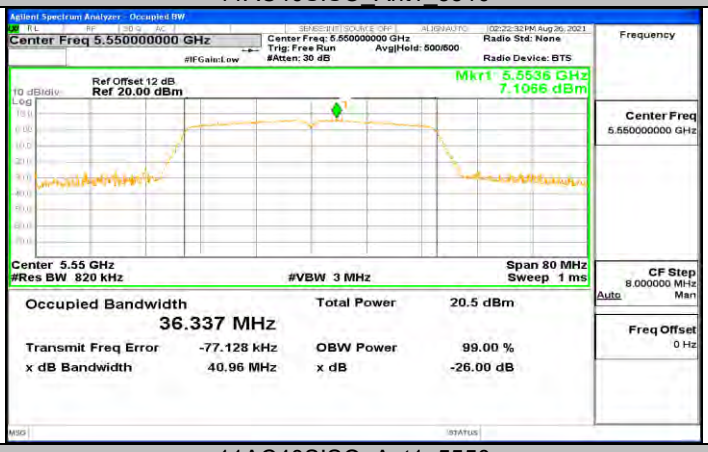

11AC40SISO_Ant1_5270



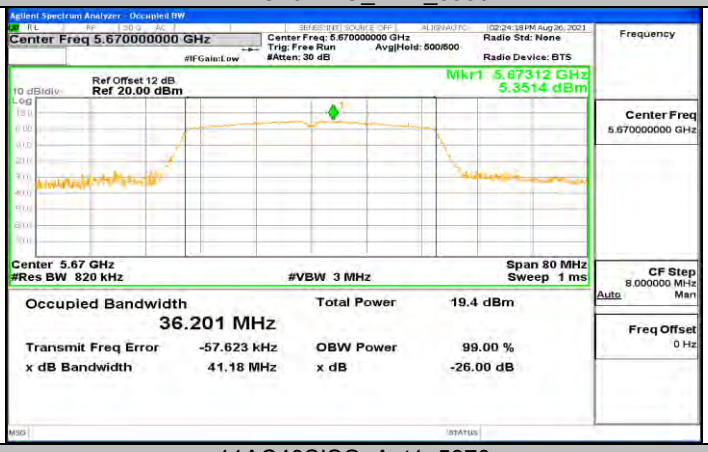

11AC40SISO_Ant1_5310



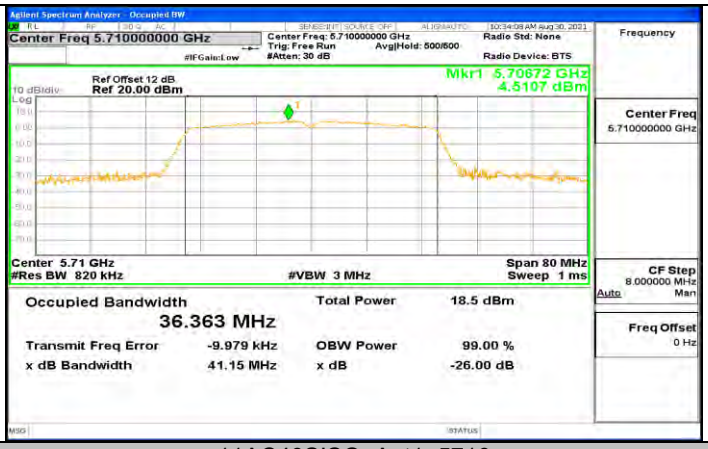

11AC40SISO_Ant1_5510



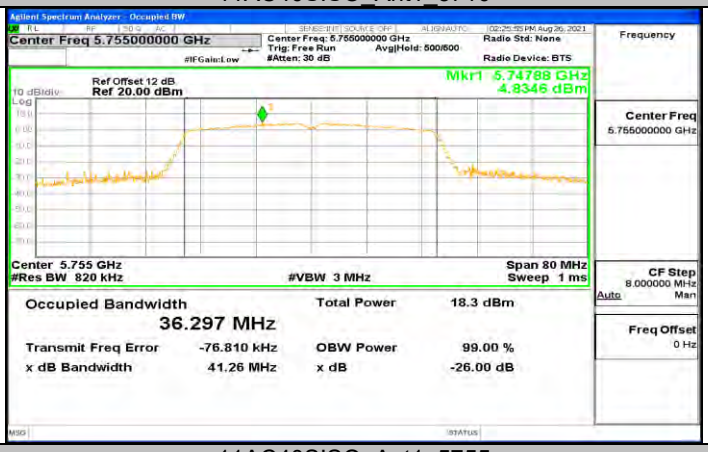

11AC40SISO_Ant1_5550



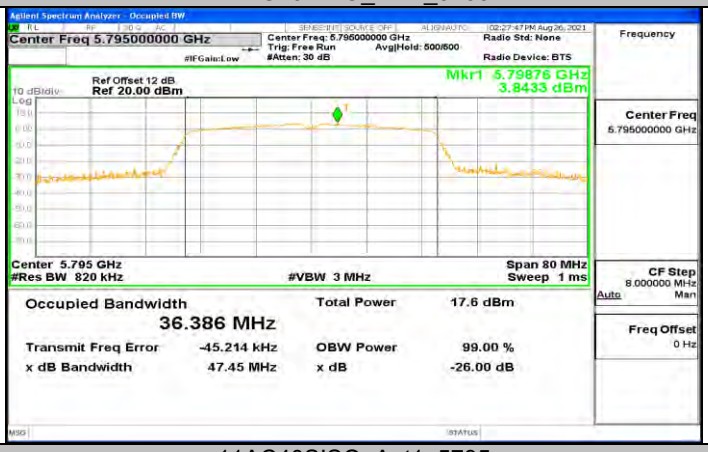

11AC40SISO_Ant1_5670



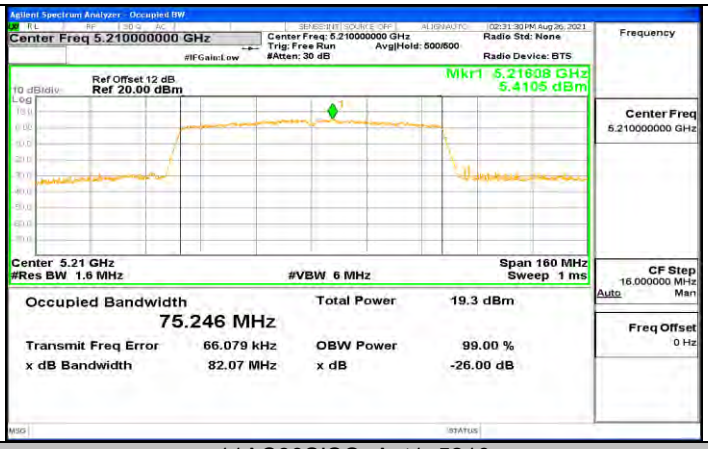

11AC40SISO_Ant1_5710



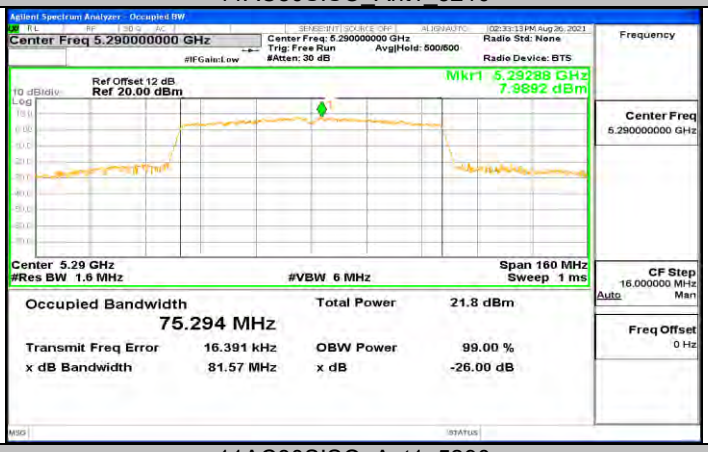

11AC40SISO_Ant1_5755



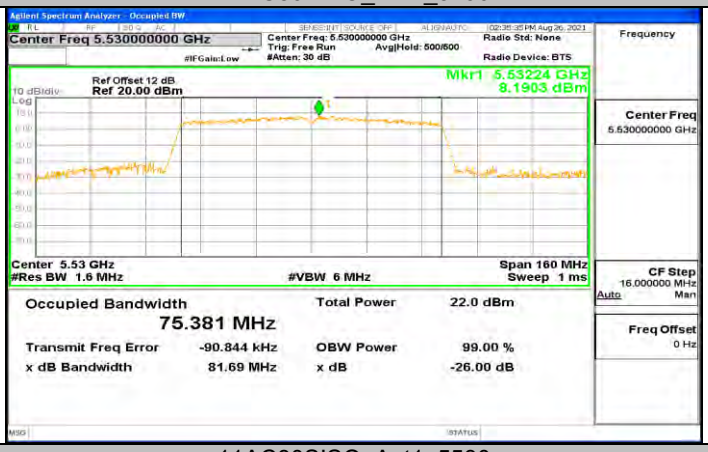

11AC40SISO_Ant1_5795



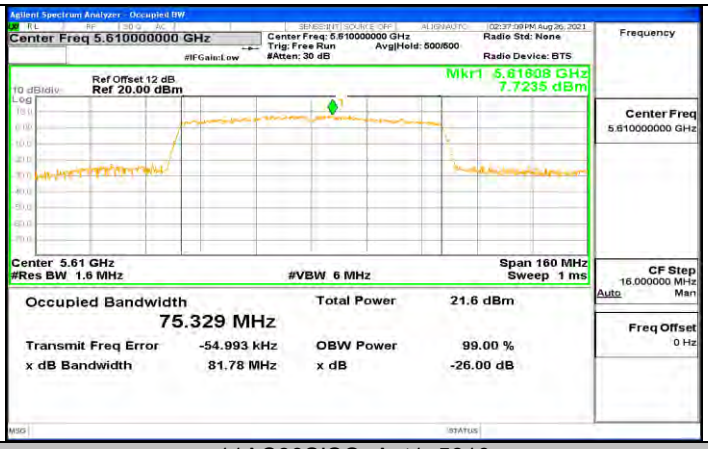

11AC80SISO_Ant1_5210



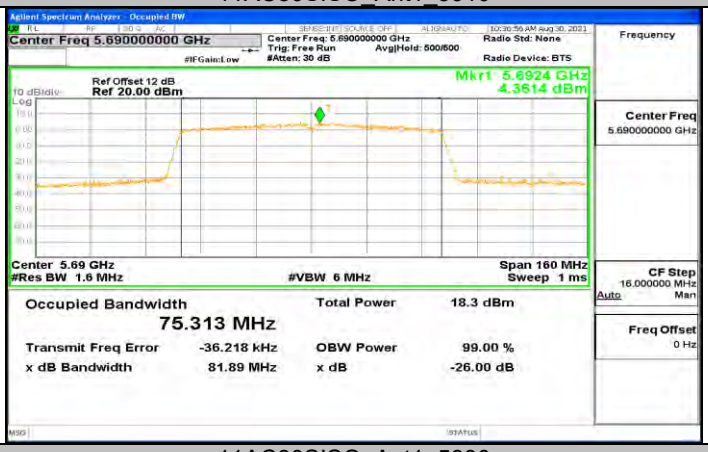

11AC80SISO_Ant1_5290



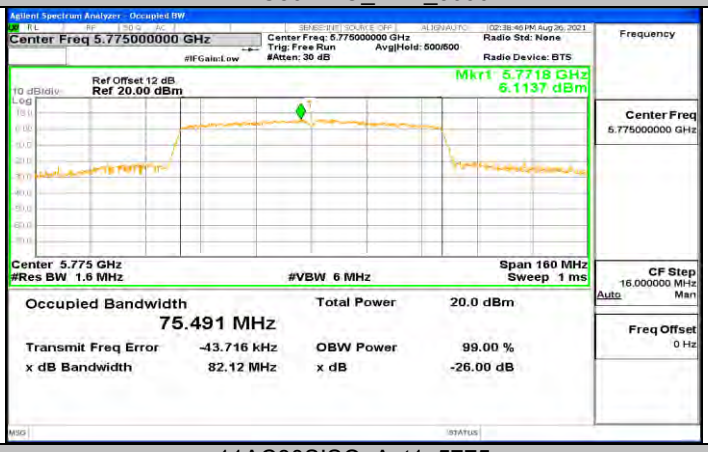

11AC80SISO_Ant1_5530




11AC80SISO_Ant1_5610




11AC80SISO_Ant1_5690




11AC80SISO_Ant1_5775

## 13.3. Appendix A3: Min emission bandwidth

### 13.3.1. Test Result

| TestMode | Antenna | Channel | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant1 | 5745 | 15.160 | 5737.360 | 5752.520 | 0.5 | PASS |
| | | 5785 | 14.760 | 5777.760 | 5792.520 | 0.5 | PASS |
| | | 5825 | 13.800 | 5817.400 | 5831.200 | 0.5 | PASS |
| 11AC20SISO | Ant1 | 5745 | 15.200 | 5737.320 | 5752.520 | 0.5 | PASS |
| | | 5785 | 15.160 | 5777.360 | 5792.520 | 0.5 | PASS |
| | | 5825 | 15.120 | 5817.320 | 5832.440 | 0.5 | PASS |
| 11AC40SISO | Ant1 | 5755 | 35.200 | 5737.320 | 5772.520 | 0.5 | PASS |
| | | 5795 | 35.200 | 5777.320 | 5812.520 | 0.5 | PASS |
| 11AC80SISO | Ant1 | 5775 | 75.360 | 5737.240 | 5812.600 | 0.5 | PASS |

### 13.3.2. Test Graphs


11A_Ant1_5745


11A_Ant1_5785

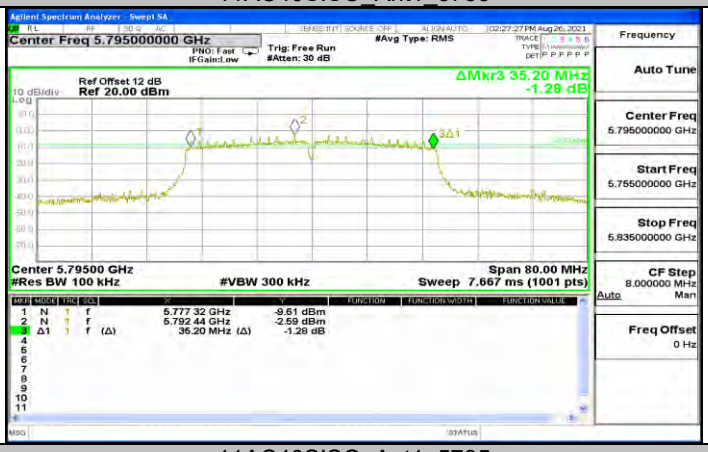

11A_Ant1_5825


11AC20SISO_Ant1_5745


11AC20SISO_Ant1_5785


11AC20SISO_Ant1_5825


11AC40SISO_Ant1_5755




11AC40SISO_Ant1_5795

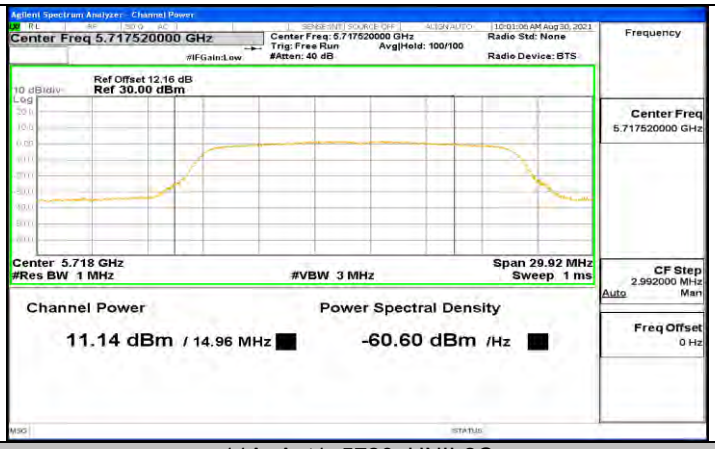

11AC80SISO_Ant1_5775

## 13.4. Appendix B: Maximum conducted output power

| Test Mode | Antenna | Channel | Power [dBm] | FCC Limit [dBm] | ISED Limit [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| 11A | Ant1 | 5180 | 12.12 | ≤23.98 | --- | 15.52 | ≤22.31 | PASS |
| | | 5200 | 11.94 | ≤23.98 | --- | 15.34 | ≤22.30 | PASS |
| | | 5240 | 12.02 | ≤23.98 | --- | 15.42 | ≤22.30 | PASS |
| | | 5260 | 12.26 | ≤23.96 | ≤23.29 | 15.66 | ≤29.29 | PASS |
| | | 5280 | 12.39 | ≤23.97 | ≤23.29 | 15.79 | ≤29.29 | PASS |
| | | 5320 | 12.77 | ≤23.98 | ≤23.29 | 16.17 | ≤29.29 | PASS |
| | | 5500 | 13.46 | ≤23.97 | ≤23.19 | 16.86 | ≤29.19 | PASS |
| | | 5580 | 13.12 | ≤23.97 | ≤23.28 | 16.52 | ≤29.28 | PASS |
| | | 5700 | 12.71 | ≤23.97 | ≤23.28 | 16.11 | ≤29.28 | PASS |
| | | 5720_UNII-2C | 11.14 | ≤22.75 | ≤22.31 | 14.54 | ≤28.31 | PASS |
| | | 5720_UNII-3 | 3.33 | ≤30 | ≤30 | --- | --- | PASS |
| | | 5745 | 11.33 | ≤30 | ≤30 | --- | --- | PASS |
| | | 5785 | 10.44 | ≤30 | ≤30 | --- | --- | PASS |
| | | 5825 | 10.01 | ≤30 | ≤30 | --- | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | 12.14 | ≤23.98 | --- | 15.54 | ≤22.53 | PASS |
| | | 5200 | 11.91 | ≤23.98 | --- | 15.31 | ≤22.52 | PASS |
| | | 5240 | 11.86 | ≤23.98 | --- | 15.26 | ≤22.54 | PASS |
| | | 5260 | 12.21 | ≤23.98 | ≤23.52 | 15.61 | ≤29.52 | PASS |
| | | 5280 | 12.08 | ≤23.98 | ≤23.52 | 15.48 | ≤29.52 | PASS |
| | | 5320 | 12.65 | ≤23.98 | ≤23.52 | 16.05 | ≤29.52 | PASS |
| | | 5500 | 13.24 | ≤23.98 | ≤23.51 | 16.64 | ≤29.51 | PASS |
| | | 5580 | 13.11 | ≤23.98 | ≤23.52 | 16.51 | ≤29.52 | PASS |
| | | 5700 | 12.61 | ≤23.98 | ≤23.51 | 16.01 | ≤29.51 | PASS |
| | | 5720_UNII-2C | 9.25 | ≤22.83 | ≤22.46 | 12.65 | ≤28.46 | PASS |
| | | 5720_UNII-3 | 1.98 | ≤30 | ≤30 | --- | --- | PASS |
| | | 5745 | 11.14 | ≤30 | ≤30 | --- | --- | PASS |
| | | 5785 | 10.54 | ≤30 | ≤30 | --- | --- | PASS |
| | | 5825 | 9.77 | ≤30 | ≤30 | --- | --- | PASS |
| 11AC40SISO | Ant1 | 5190 | 12.07 | ≤23.98 | --- | 15.47 | ≤23 | PASS |
| | | 5230 | 12.06 | ≤23.98 | --- | 15.46 | ≤23 | PASS |
| | | 5270 | 12.20 | ≤23.98 | ≤23.98 | 15.6 | ≤30 | PASS |
| | | 5310 | 12.55 | ≤23.98 | ≤23.98 | 15.95 | ≤30 | PASS |
| | | 5510 | 13.21 | ≤23.98 | ≤23.98 | 16.61 | ≤30 | PASS |
| | | 5550 | 13.13 | ≤23.98 | ≤23.98 | 16.53 | ≤30 | PASS |
| | | 5670 | 12.04 | ≤23.98 | ≤23.98 | 15.44 | ≤30 | PASS |
| | | 5710_UNII-2C | 11.01 | ≤23.98 | ≤23.98 | 14.41 | ≤30 | PASS |
| | | 5710_UNII-3 | -1.40 | ≤30 | ≤30 | --- | --- | PASS |
| | | 5755 | 11.02 | ≤30 | ≤30 | --- | --- | PASS |
| | | 5795 | 10.30 | ≤30 | ≤30 | --- | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | 10.51 | ≤23.98 | --- | 13.91 | ≤23 | PASS |
| | | 5290 | 12.78 | ≤23.98 | ≤23.98 | 16.18 | ≤30 | PASS |
| | | 5530 | 13.10 | ≤23.98 | ≤23.98 | 16.5 | ≤30 | PASS |
| | | 5610 | 12.79 | ≤23.98 | ≤23.98 | 16.19 | ≤30 | PASS |
| | | 5690_UNII-2C | 9.37 | ≤23.98 | ≤23.98 | 12.77 | ≤30 | PASS |
| | | 5690_UNII-3 | -6.18 | ≤30 | ≤30 | -2.01 | --- | PASS |
| | | 5775 | 11.01 | ≤30 | ≤30 | 15.18 | --- | PASS |

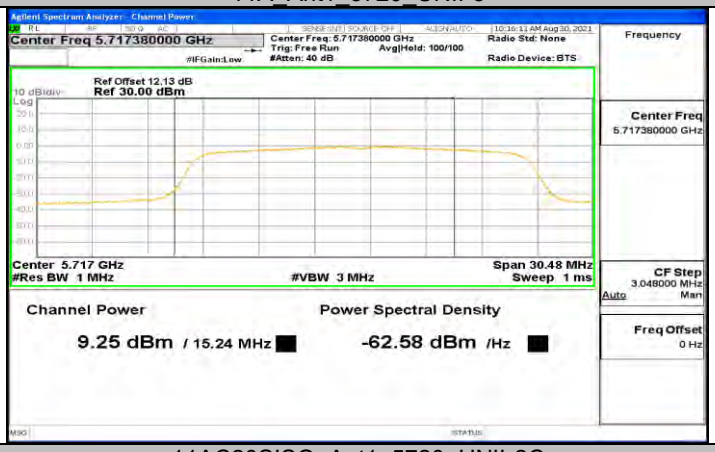
Note：The Duty Cycle Factor is compensated in the graph.

### 13.4.1. Test Graphs

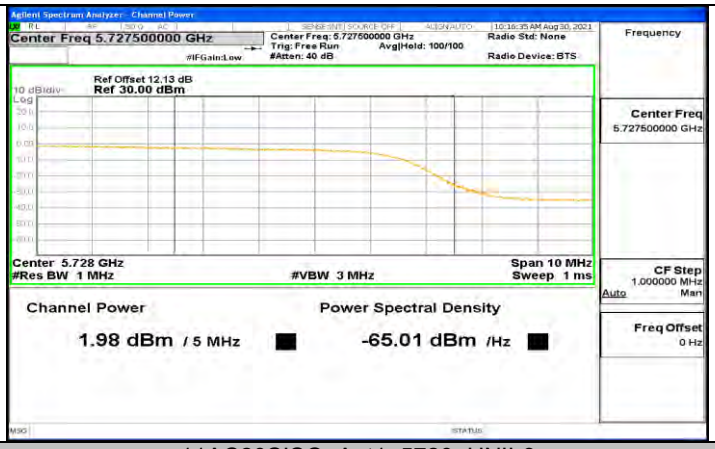



11A_Ant1_5720_UNII-2C

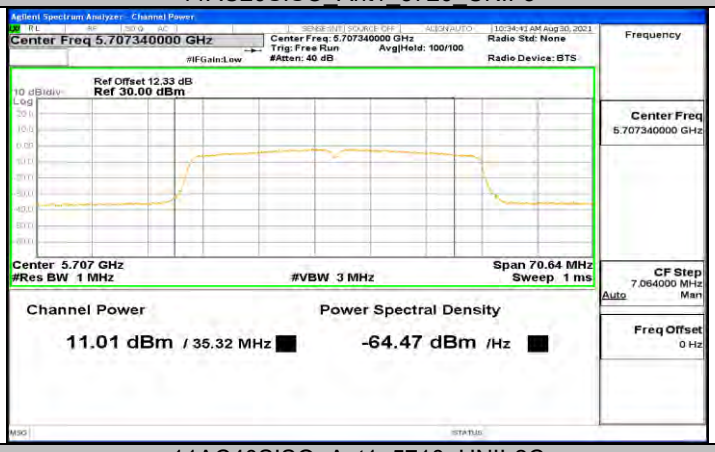

11A_Ant1_5720_UNII-3



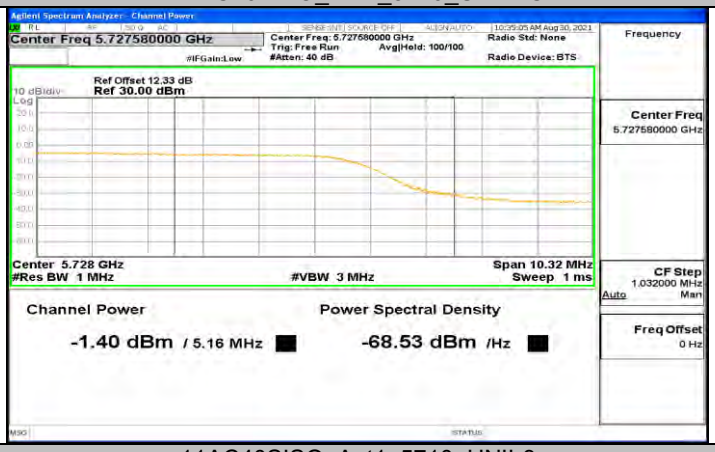

11AC20SISO_Ant1_5720_UNII-2C



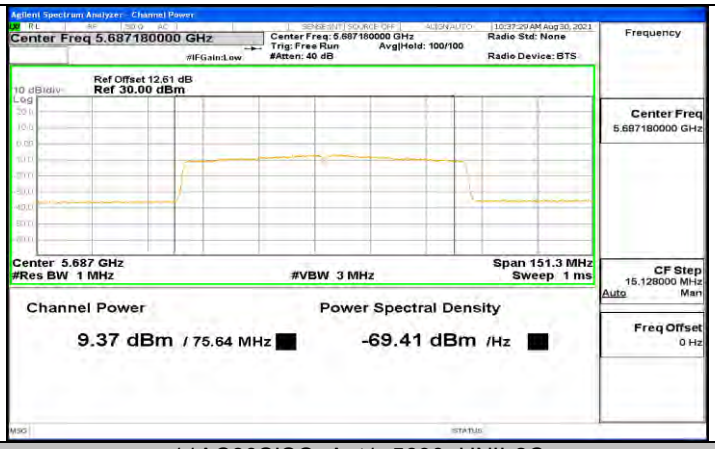

11AC20SISO_Ant1_5720_UNII-3



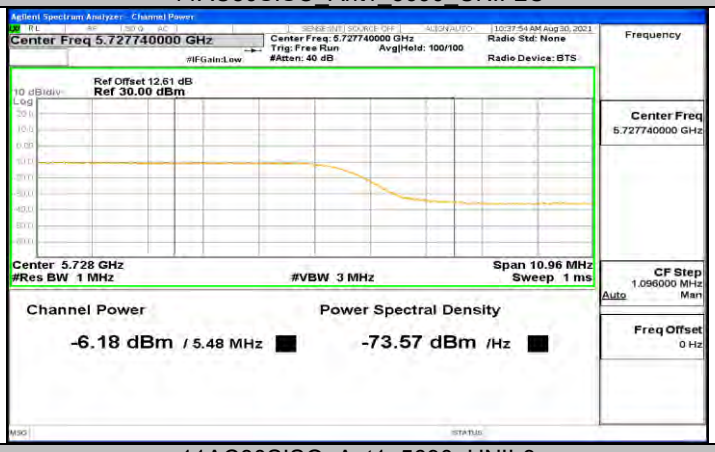

11AC40SISO_Ant1_5710_UNII-2C




11AC40SISO_Ant1_5710_UNII-3




11AC80SISO_Ant1_5690_UNII-2C




11AC80SISO_Ant1_5690_UNII-3

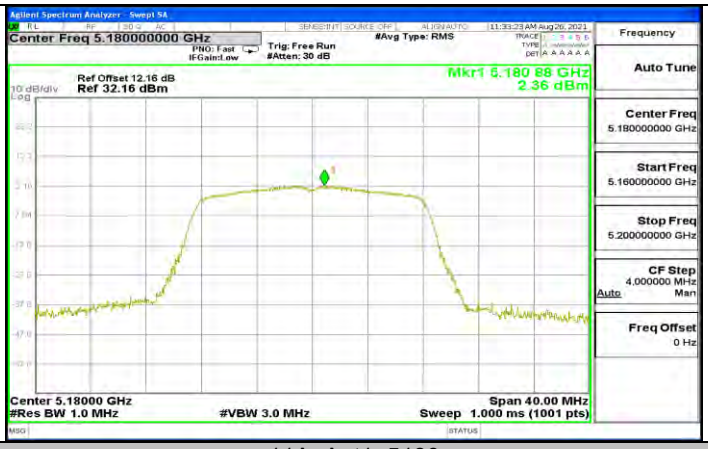
## 13.5. Appendix C: Maximum power spectral density

### 13.5.1. Test Result

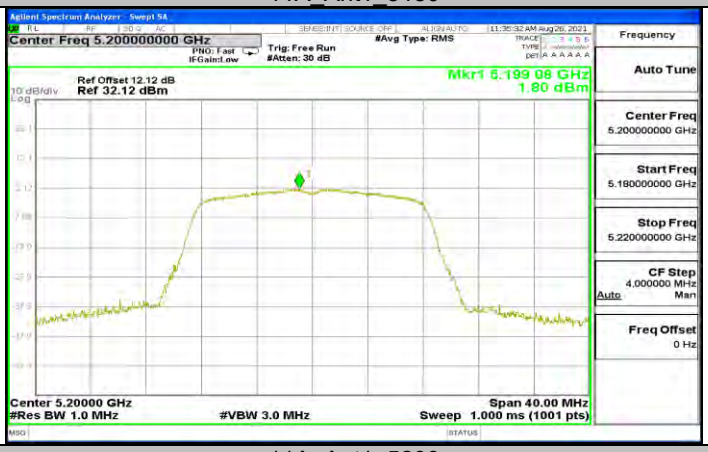
| Test Mode | Antenna | Channel | Power [dBm/MHz] | Limit [dBm/MHz] | EIRP [dBm/MHz] | Limit [dBm/MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant1 | 5180 | 2.36 | ≤11 | 6.53 | ≤10 | PASS |
| | | 5200 | 1.8 | ≤11 | 5.97 | ≤10 | PASS |
| | | 5240 | 1.9 | ≤11 | 6.07 | ≤10 | PASS |
| | | 5260 | 2.12 | ≤11 | --- | --- | PASS |
| | | 5280 | 2.39 | ≤11 | --- | --- | PASS |
| | | 5320 | 3.06 | ≤11 | --- | --- | PASS |
| | | 5500 | 3.46 | ≤11 | --- | --- | PASS |
| | | 5580 | 3.44 | ≤11 | --- | --- | PASS |
| | | 5700 | 1.92 | ≤11 | --- | --- | PASS |
| | | 5720_UNII-2C | 1.44 | ≤11 | --- | --- | PASS |
| | | 5720_UNII-3 | -3.65 | ≤11 | --- | --- | PASS |
| | | 5745 | -1.18 | ≤30 | --- | --- | PASS |
| | | 5785 | -2.32 | ≤30 | --- | --- | PASS |
| | | 5825 | -2.83 | ≤30 | --- | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | -0.85 | ≤11 | 3.32 | ≤10 | PASS |
| | | 5200 | -1.04 | ≤11 | 3.13 | ≤10 | PASS |
| | | 5240 | -1.11 | ≤11 | 3.06 | ≤10 | PASS |
| | | 5260 | -0.5 | ≤11 | --- | --- | PASS |
| | | 5280 | -0.89 | ≤11 | --- | --- | PASS |
| | | 5320 | -0.33 | ≤11 | --- | --- | PASS |
| | | 5500 | 0.4 | ≤11 | --- | --- | PASS |
| | | 5580 | 0.13 | ≤11 | --- | --- | PASS |
| | | 5700 | -1.18 | ≤11 | --- | --- | PASS |
| | | 5720_UNII-2C | -2.59 | ≤11 | --- | --- | PASS |
| | | 5720_UNII-3 | -5.07 | ≤11 | --- | --- | PASS |
| | | 5745 | -1.74 | ≤30 | --- | --- | PASS |
| | | 5785 | -2.46 | ≤30 | --- | --- | PASS |
| | | 5825 | -3.31 | ≤30 | --- | --- | PASS |
| 11AC40SISO | Ant1 | 5190 | -3.84 | ≤11 | 0.33 | ≤10 | PASS |
| | | 5230 | -3.83 | ≤11 | 0.34 | ≤10 | PASS |
| | | 5270 | -3.36 | ≤11 | --- | --- | PASS |
| | | 5310 | -3.31 | ≤11 | --- | --- | PASS |
| | | 5510 | -2.98 | ≤11 | --- | --- | PASS |
| | | 5550 | -2.7 | ≤11 | --- | --- | PASS |
| | | 5670 | -3.58 | ≤11 | --- | --- | PASS |
| | | 5710_UNII-2C | -4.5 | ≤11 | --- | --- | PASS |
| | | 5710_UNII-3 | -8.29 | ≤11 | --- | --- | PASS |
| | | 5755 | -4.83 | ≤30 | --- | --- | PASS |
| | | 5795 | -5.79 | ≤30 | --- | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | -8.44 | ≤11 | -4.27 | ≤10 | PASS |
| | | 5290 | -6.27 | ≤11 | --- | --- | PASS |
| | | 5530 | -6.11 | ≤11 | --- | --- | PASS |
| | | 5610 | -6.44 | ≤11 | --- | --- | PASS |
| | | 5690_UNII-2C | -9.29 | ≤11 | --- | --- | PASS |
| | | 5690_UNII-3 | -13.05 | ≤11 | --- | --- | PASS |
| | | 5775 | -8.14 | ≤30 | --- | --- | PASS |

Note：1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

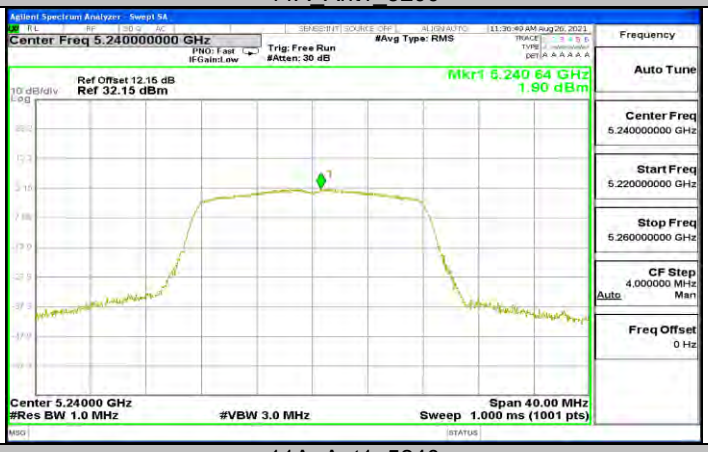
### 13.5.2. Test Graphs



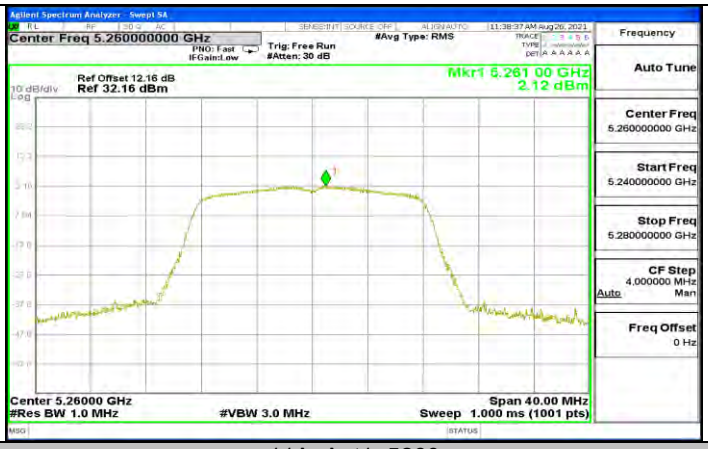

11A_Ant1_5180



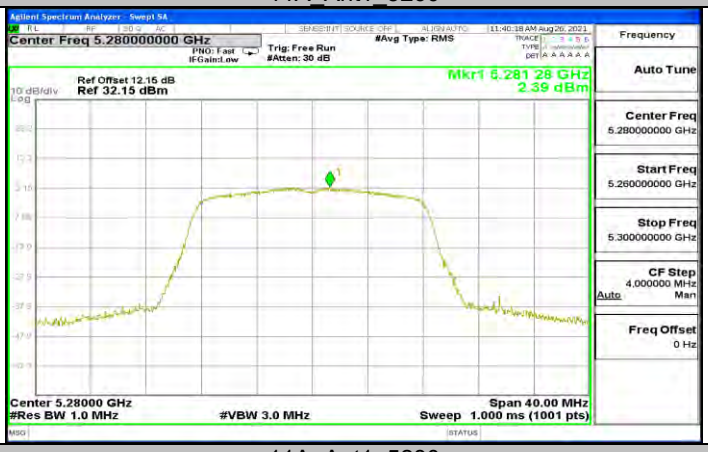

11A_Ant1_5200



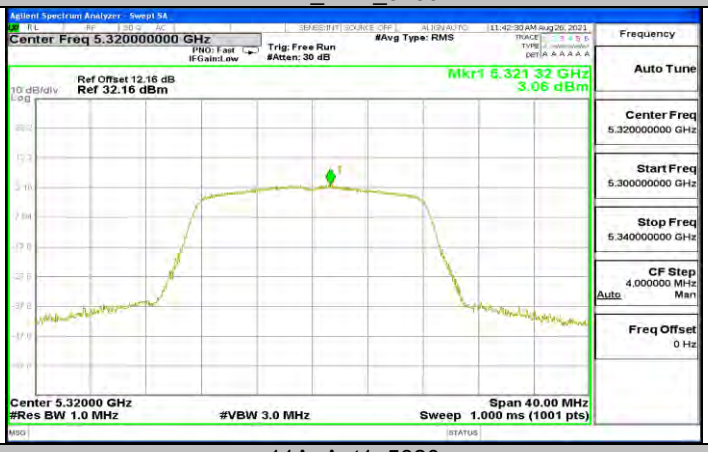

11A_Ant1_5240




11A_Ant1_5260




11A_Ant1_5280




11A_Ant1_5320