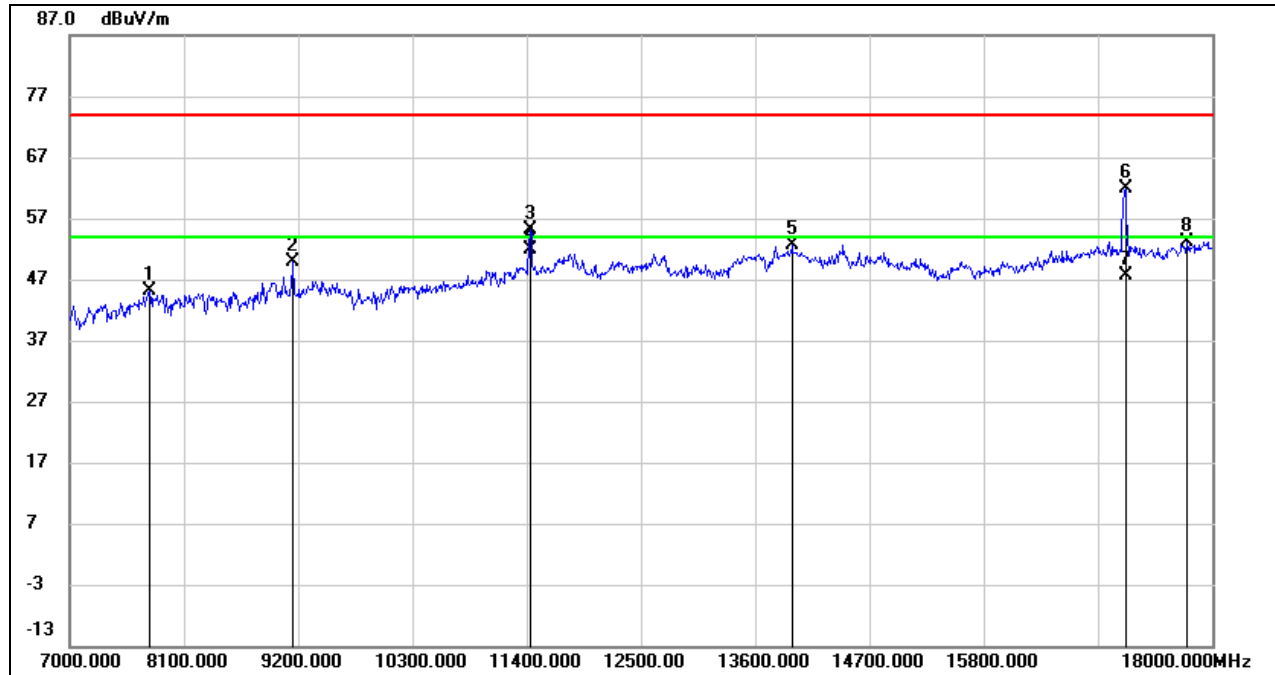


## STRADDLE CHANNEL 144 – PIFA ANTENNA

### HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 7770.000           | 38.57             | 6.63              | 45.20              | 74.00             | -28.80         | peak   |
| 2   | 9150.500           | 40.80             | 9.07              | 49.87              | 74.00             | -24.13         | peak   |
| 3   | 11438.500          | 41.30             | 13.76             | 55.06              | 74.00             | -18.94         | peak   |
| 4   | 11438.500          | 38.08             | 13.76             | 51.84              | 54.00             | -2.16          | AVG    |
| 5   | 13952.000          | 33.74             | 18.88             | 52.62              | 74.00             | -21.38         | peak   |
| 6   | 17164.000          | 40.60             | 21.30             | 61.90              | 74.00             | -12.10         | peak   |
| 7   | 17164.000          | 26.32             | 21.30             | 47.62              | 54.00             | -6.38          | AVG    |
| 8   | 17763.500          | 30.45             | 22.77             | 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.

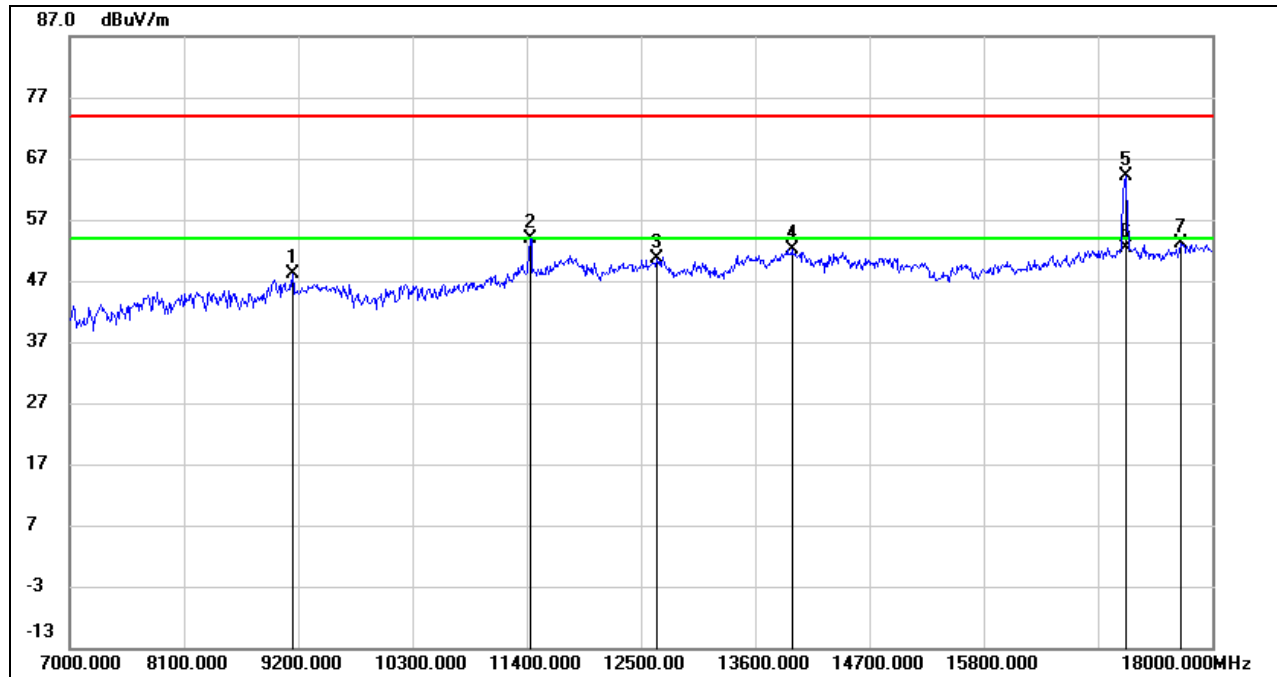
3. Peak: Peak detector.

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 (VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 9150.500        | 38.95          | 9.07           | 48.02           | 74.00          | -25.98      | peak   |
| 2   | 11438.500       | 40.09          | 13.76          | 53.85           | 74.00          | -20.15      | peak   |
| 3   | 12659.500       | 35.02          | 15.59          | 50.61           | 74.00          | -23.39      | peak   |
| 4   | 13952.000       | 33.36          | 18.88          | 52.24           | 74.00          | -21.76      | peak   |
| 5   | 17169.500       | 42.84          | 21.33          | 64.17           | 74.00          | -9.83       | peak   |
| 6   | 17169.500       | 30.99          | 21.33          | 52.32           | 54.00          | -1.68       | AVG    |
| 7   | 17708.500       | 30.84          | 22.36          | 53.20           | 74.00          | -20.80      | 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.

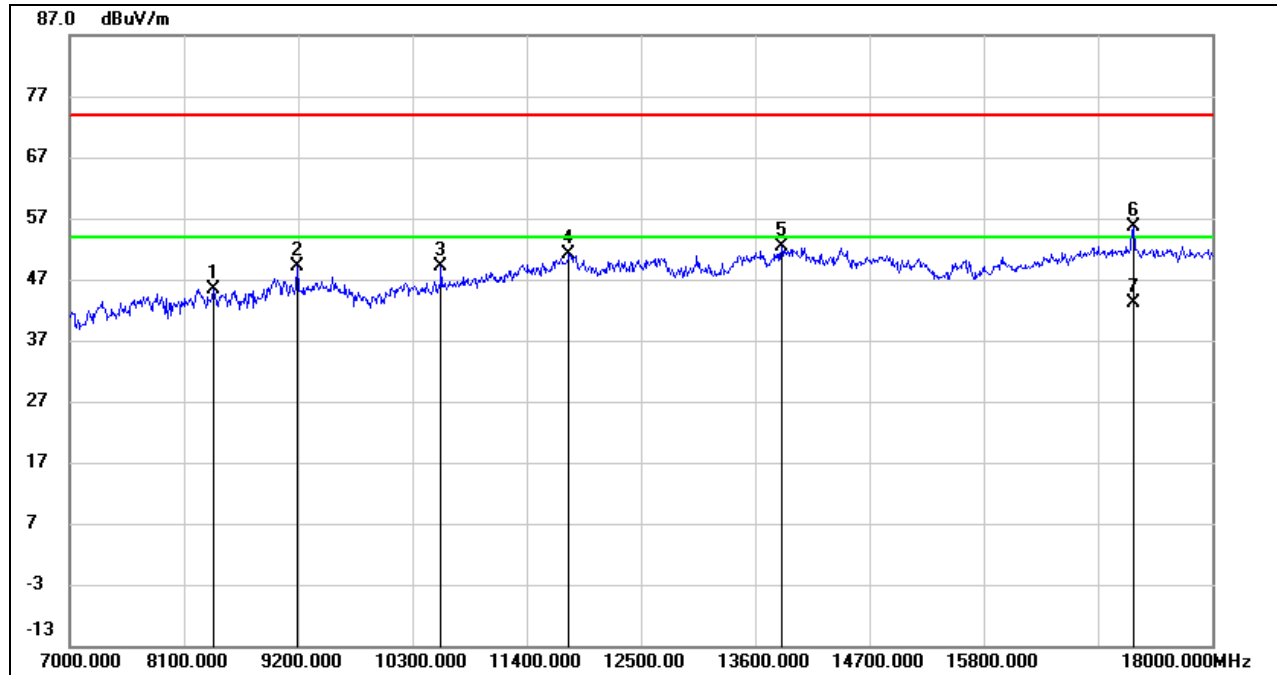
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

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 – PIFA ANTENNA

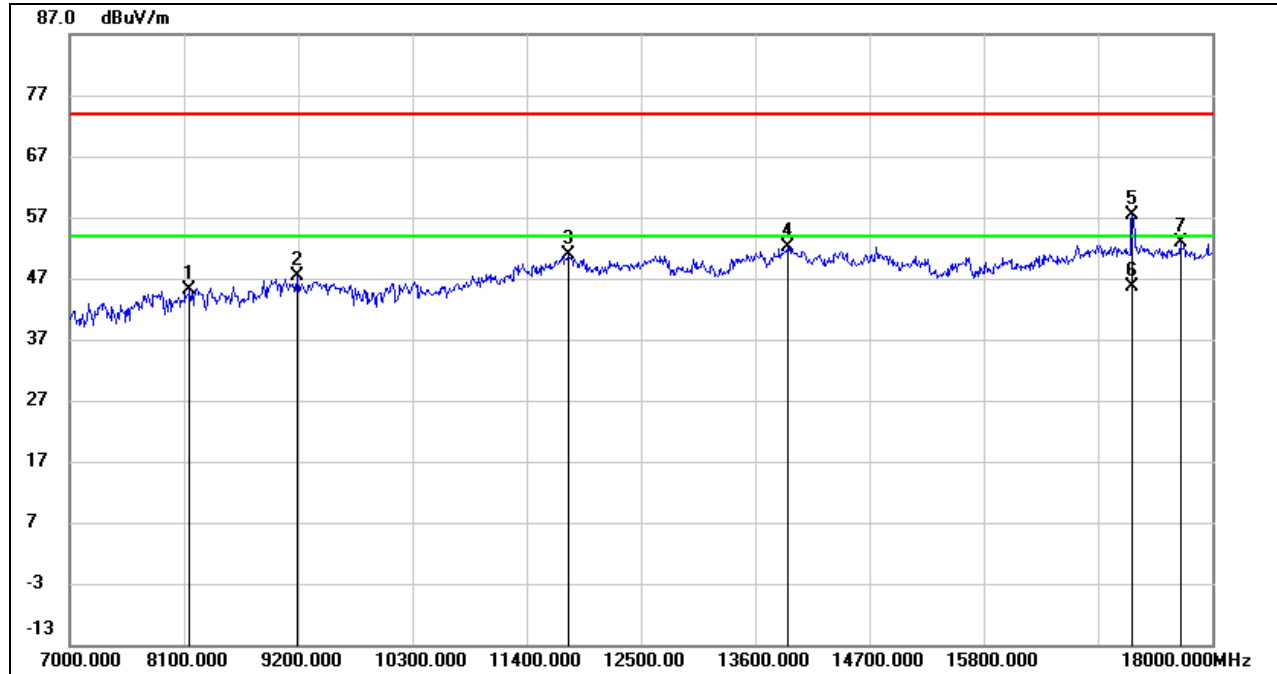
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8386.000           | 38.05             | 7.35              | 45.40              | 74.00             | -28.60         | peak   |
| 2   | 9189.000           | 40.26             | 8.83              | 49.09              | 74.00             | -24.91         | peak   |
| 3   | 10580.500          | 37.54             | 11.61             | 49.15              | 74.00             | -24.85         | peak   |
| 4   | 11812.500          | 35.59             | 15.47             | 51.06              | 74.00             | -22.94         | peak   |
| 5   | 13858.500          | 33.55             | 18.75             | 52.30              | 74.00             | -21.70         | peak   |
| 6   | 17241.000          | 34.13             | 21.38             | 55.51              | 74.00             | -18.49         | peak   |
| 7   | 17241.000          | 21.78             | 21.38             | 43.16              | 54.00             | -10.84         | 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 (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8160.500        | 37.68          | 7.50           | 45.18           | 74.00          | -28.82      | peak   |
| 2   | 9189.000        | 38.63          | 8.83           | 47.46           | 74.00          | -26.54      | peak   |
| 3   | 11796.000       | 35.32          | 15.45          | 50.77           | 74.00          | -23.23      | peak   |
| 4   | 13913.500       | 33.37          | 18.83          | 52.20           | 74.00          | -21.80      | peak   |
| 5   | 17235.500       | 35.95          | 21.39          | 57.34           | 74.00          | -16.66      | peak   |
| 6   | 17235.500       | 24.23          | 21.39          | 45.62           | 54.00          | -8.38       | AVG    |
| 7   | 17697.500       | 30.64          | 22.27          | 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.

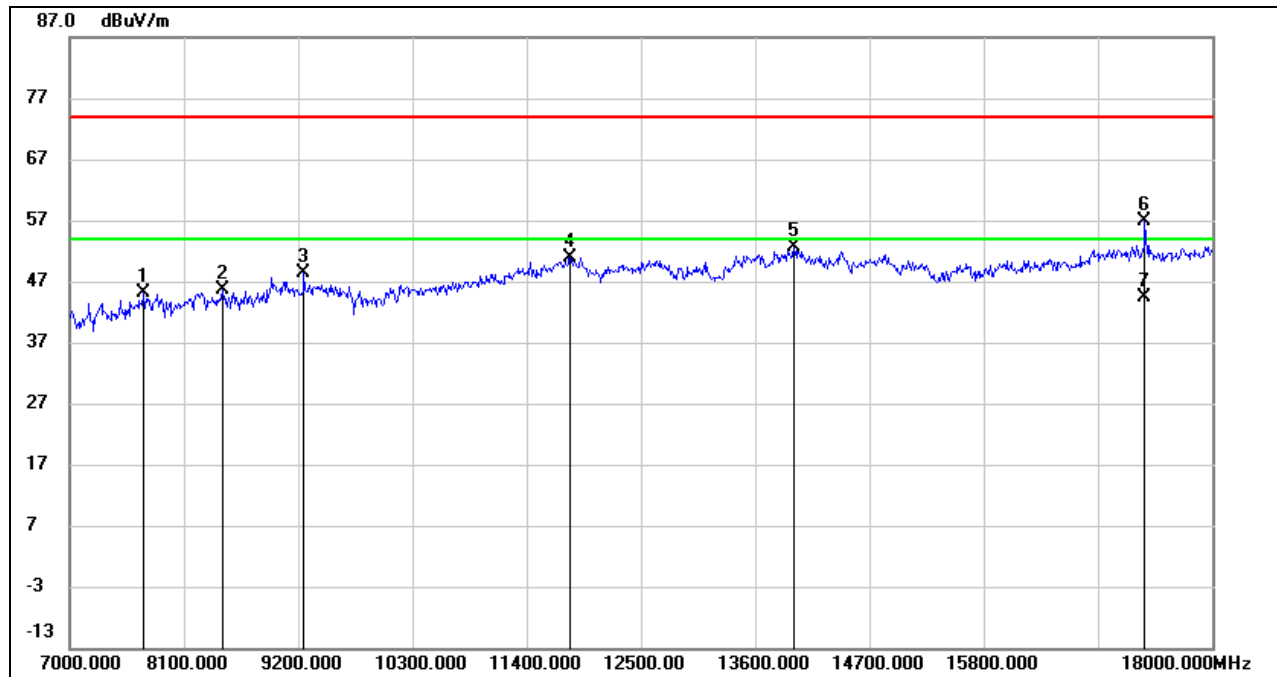
3. Peak: Peak detector.

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.

### 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   | 7720.500        | 38.74          | 6.49           | 45.23           | 74.00          | -28.77      | peak   |
| 2   | 8474.000        | 38.19          | 7.36           | 45.55           | 74.00          | -28.45      | peak   |
| 3   | 9255.000        | 39.31          | 9.06           | 48.37           | 74.00          | -25.63      | peak   |
| 4   | 11823.500       | 35.46          | 15.47          | 50.93           | 74.00          | -23.07      | peak   |
| 5   | 13974.000       | 33.68          | 18.91          | 52.59           | 74.00          | -21.41      | peak   |
| 6   | 17351.000       | 35.70          | 21.19          | 56.89           | 74.00          | -17.11      | peak   |
| 7   | 17351.000       | 23.13          | 21.19          | 44.32           | 54.00          | -9.68       | 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.

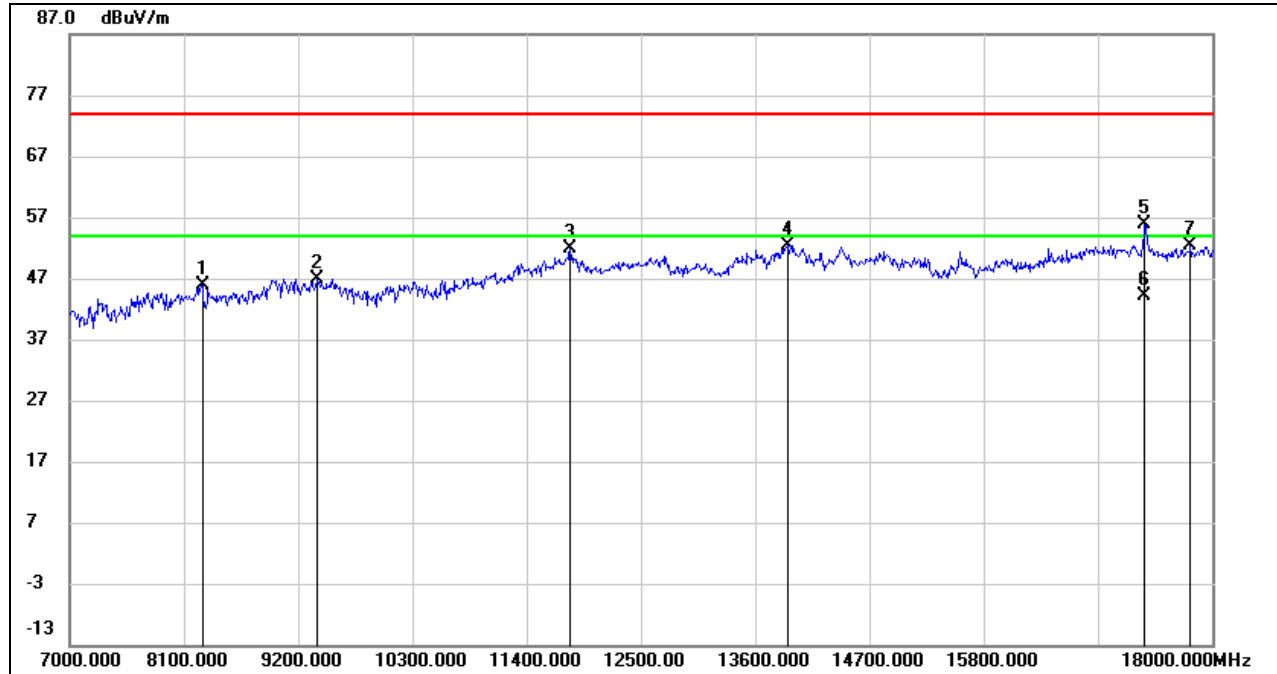
3. Peak: Peak detector.

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, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8281.500        | 38.36          | 7.64           | 46.00           | 74.00          | -28.00      | peak   |
| 2   | 9387.000        | 37.05          | 9.79           | 46.84           | 74.00          | -27.16      | peak   |
| 3   | 11818.000       | 36.31          | 15.47          | 51.78           | 74.00          | -22.22      | peak   |
| 4   | 13908.000       | 33.59          | 18.82          | 52.41           | 74.00          | -21.59      | peak   |
| 5   | 17351.000       | 34.70          | 21.19          | 55.89           | 74.00          | -18.11      | peak   |
| 6   | 17351.000       | 22.94          | 21.19          | 44.13           | 54.00          | -9.87       | AVG    |
| 7   | 17791.000       | 29.46          | 22.98          | 52.44           | 74.00          | -21.56      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

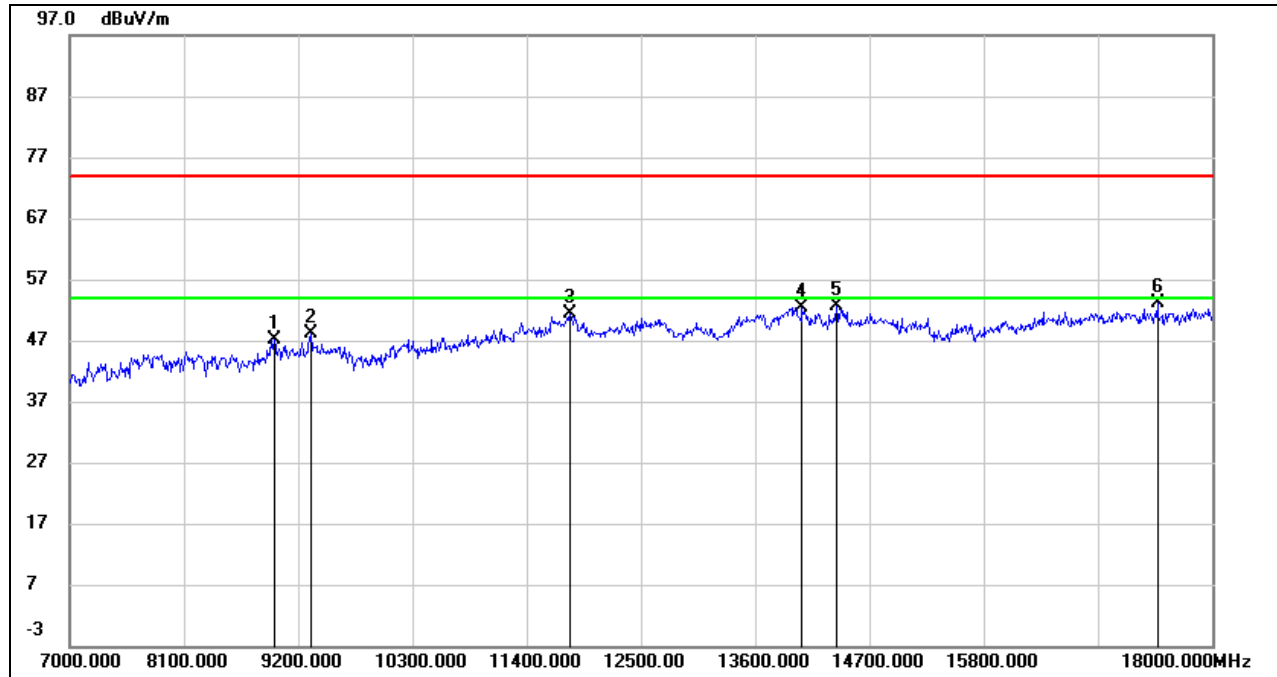
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

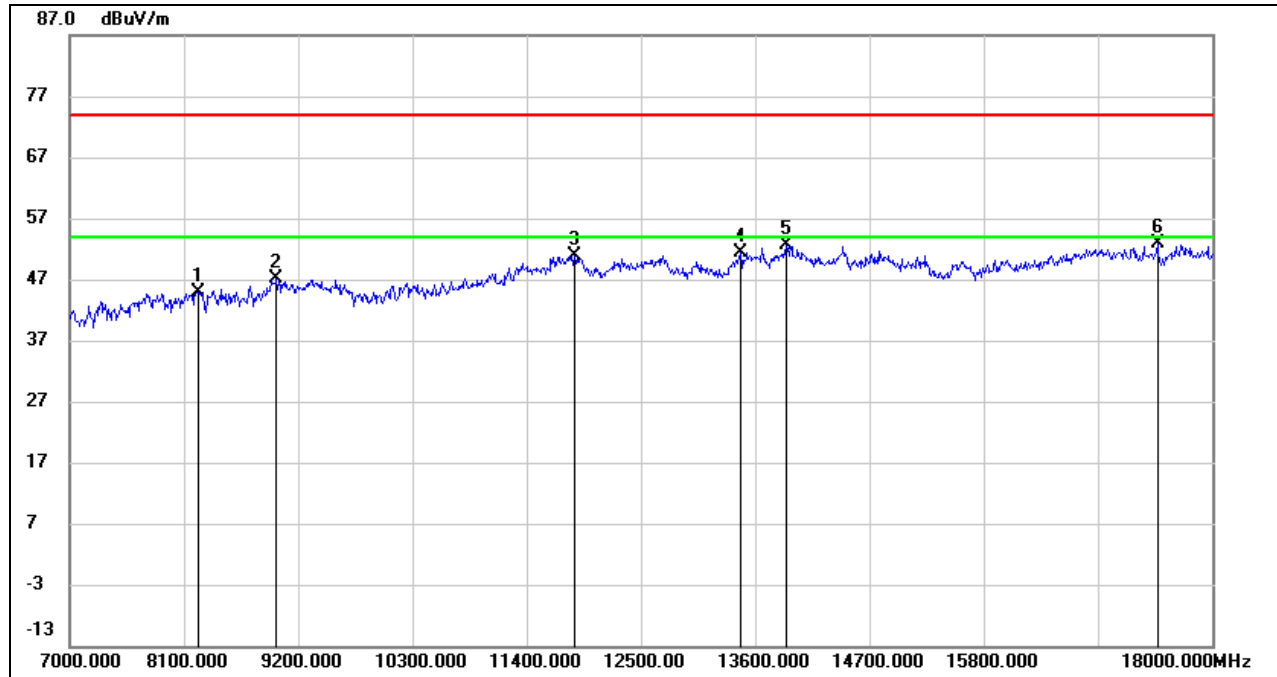
## HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8969.000        | 37.48          | 9.68           | 47.16           | 74.00          | -26.84      | peak   |
| 2   | 9321.000        | 38.61          | 9.43           | 48.04           | 74.00          | -25.96      | peak   |
| 3   | 11823.500       | 35.80          | 15.47          | 51.27           | 74.00          | -22.73      | peak   |
| 4   | 14056.500       | 33.50          | 18.82          | 52.32           | 74.00          | -21.68      | peak   |
| 5   | 14386.500       | 34.22          | 18.38          | 52.60           | 74.00          | -21.40      | peak   |
| 6   | 17472.000       | 31.84          | 21.17          | 53.01           | 74.00          | -20.99      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8237.500        | 37.16          | 7.76           | 44.92           | 74.00          | -29.08      | peak   |
| 2   | 8996.500        | 37.15          | 10.00          | 47.15           | 74.00          | -26.85      | peak   |
| 3   | 11862.000       | 35.41          | 15.46          | 50.87           | 74.00          | -23.13      | peak   |
| 4   | 13457.000       | 33.84          | 17.46          | 51.30           | 74.00          | -22.70      | peak   |
| 5   | 13902.500       | 33.79          | 18.82          | 52.61           | 74.00          | -21.39      | peak   |
| 6   | 17472.000       | 31.67          | 21.17          | 52.84           | 74.00          | -21.16      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

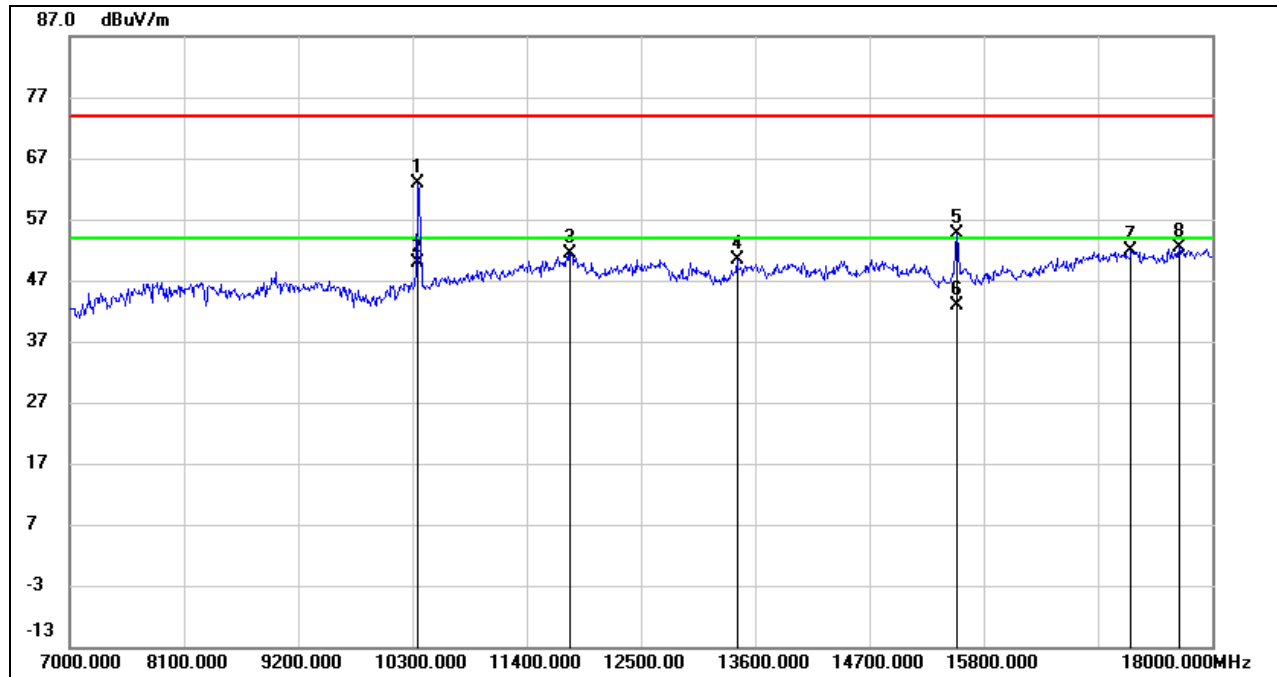
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 8.3.2. 802.11n HT20 SISO MODE

#### UNII-1 BAND – PCB ANTENNA

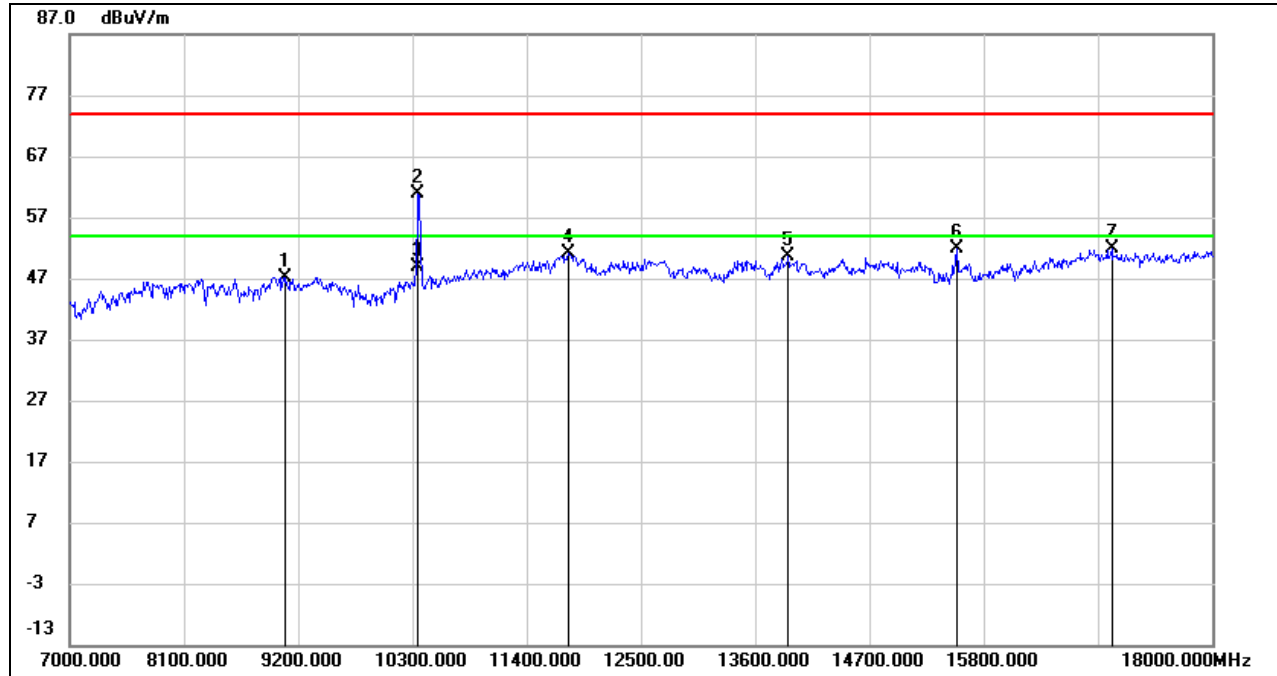
#### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 10360.500       | 51.57          | 11.31          | 62.88           | 74.00          | -11.12      | peak   |
| 2   | 10360.500       | 38.56          | 11.31          | 49.87           | 54.00          | -4.13       | AVG    |
| 3   | 11823.500       | 35.90          | 15.58          | 51.48           | 74.00          | -22.52      | peak   |
| 4   | 13429.500       | 34.12          | 16.34          | 50.46           | 74.00          | -23.54      | peak   |
| 5   | 15536.000       | 38.13          | 16.55          | 54.68           | 74.00          | -19.32      | peak   |
| 6   | 15536.000       | 26.24          | 16.55          | 42.79           | 54.00          | -11.21      | AVG    |
| 7   | 17224.500       | 30.90          | 21.00          | 51.90           | 74.00          | -22.10      | peak   |
| 8   | 17681.000       | 30.71          | 21.79          | 52.50           | 74.00          | -21.50      | peak   |

- Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 9079.000        | 37.11          | 10.10          | 47.21           | 74.00          | -26.79      | peak   |
| 2   | 10360.500       | 49.68          | 11.31          | 60.99           | 74.00          | -13.01      | peak   |
| 3   | 10360.500       | 37.55          | 11.31          | 48.86           | 54.00          | -5.14       | AVG    |
| 4   | 11801.500       | 35.50          | 15.61          | 51.11           | 74.00          | -22.89      | peak   |
| 5   | 13924.500       | 33.71          | 16.89          | 50.60           | 74.00          | -23.40      | peak   |
| 6   | 15541.500       | 35.26          | 16.56          | 51.82           | 74.00          | -22.18      | peak   |
| 7   | 17032.000       | 31.47          | 20.36          | 51.83           | 74.00          | -22.17      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/T_{on}$ , where:  $T_{on}$  is the transmitting duration.

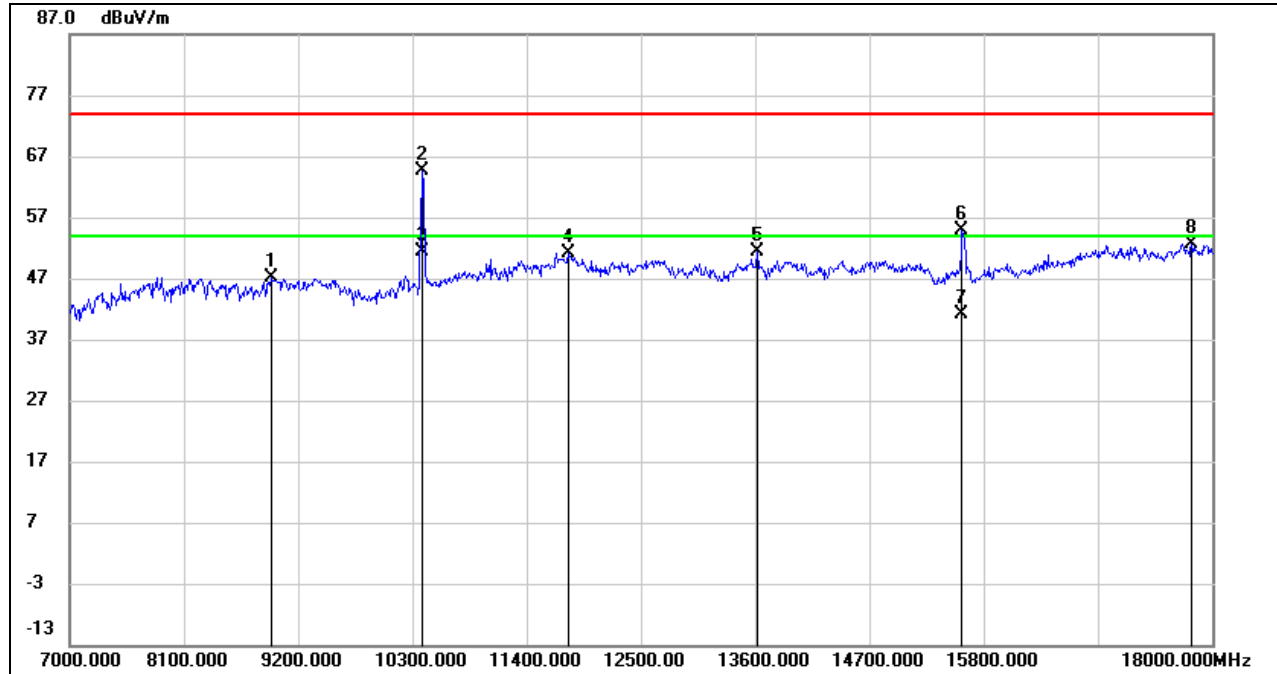
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8941.500        | 37.09          | 10.01          | 47.10           | 74.00          | -26.90      | peak   |
| 2   | 10399.000       | 53.28          | 11.45          | 64.73           | 74.00          | -9.27       | peak   |
| 3   | 10399.000       | 39.93          | 11.45          | 51.38           | 54.00          | -2.62       | AVG    |
| 4   | 11801.500       | 35.55          | 15.61          | 51.16           | 74.00          | -22.84      | peak   |
| 5   | 13622.000       | 34.84          | 16.48          | 51.32           | 74.00          | -22.68      | peak   |
| 6   | 15596.500       | 38.19          | 16.70          | 54.89           | 74.00          | -19.11      | peak   |
| 7   | 15596.500       | 24.42          | 16.70          | 41.12           | 54.00          | -12.88      | AVG    |
| 8   | 17807.500       | 30.00          | 22.71          | 52.71           | 74.00          | -21.29      | peak   |

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

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

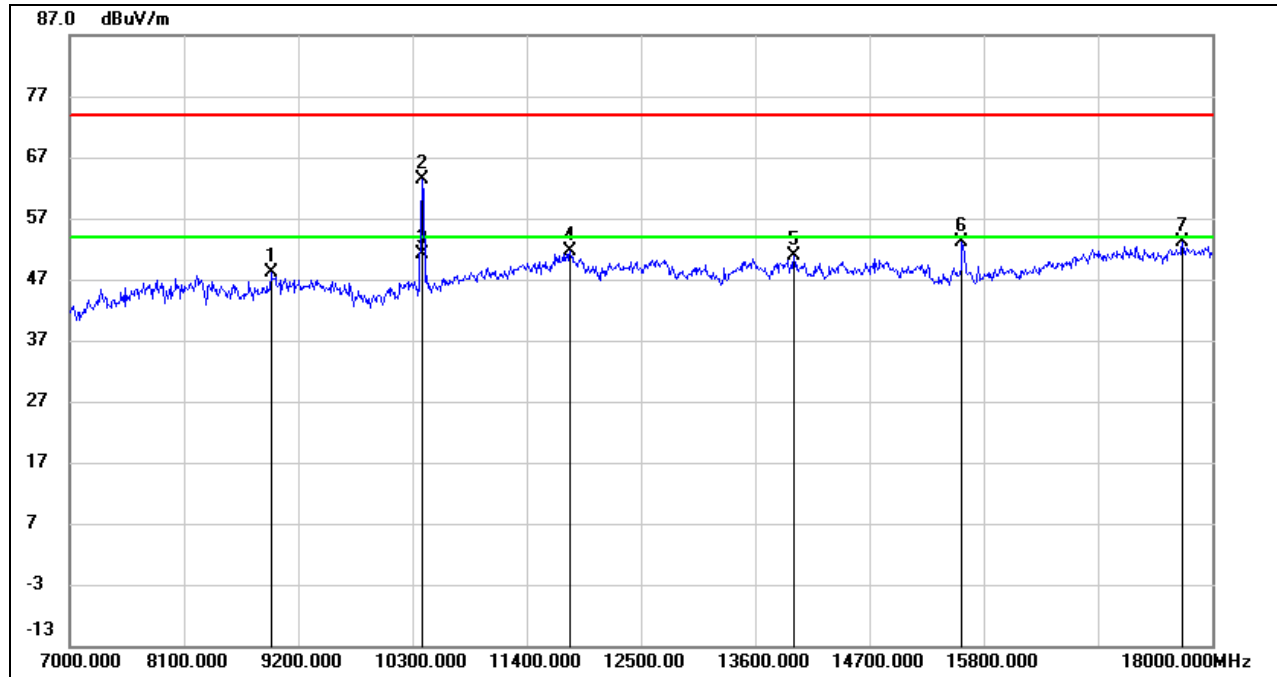
3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

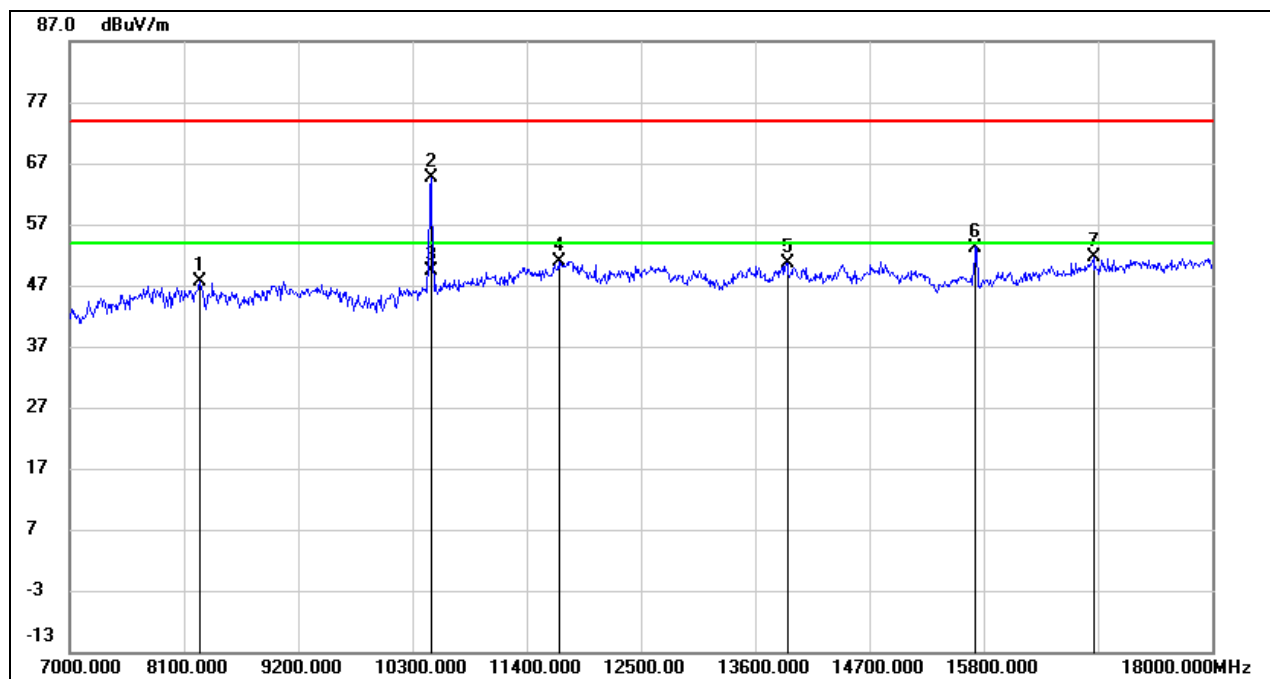
### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8936.000        | 38.28          | 9.96           | 48.24           | 74.00          | -25.76      | peak   |
| 2   | 10399.000       | 51.81          | 11.45          | 63.26           | 74.00          | -10.74      | peak   |
| 3   | 10399.000       | 39.73          | 11.45          | 51.18           | 54.00          | -2.82       | AVG    |
| 4   | 11818.000       | 35.95          | 15.58          | 51.53           | 74.00          | -22.47      | peak   |
| 5   | 13979.500       | 33.99          | 16.86          | 50.85           | 74.00          | -23.15      | peak   |
| 6   | 15591.000       | 36.56          | 16.68          | 53.24           | 74.00          | -20.76      | peak   |
| 7   | 17719.500       | 31.04          | 22.09          | 53.13           | 74.00          | -20.87      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

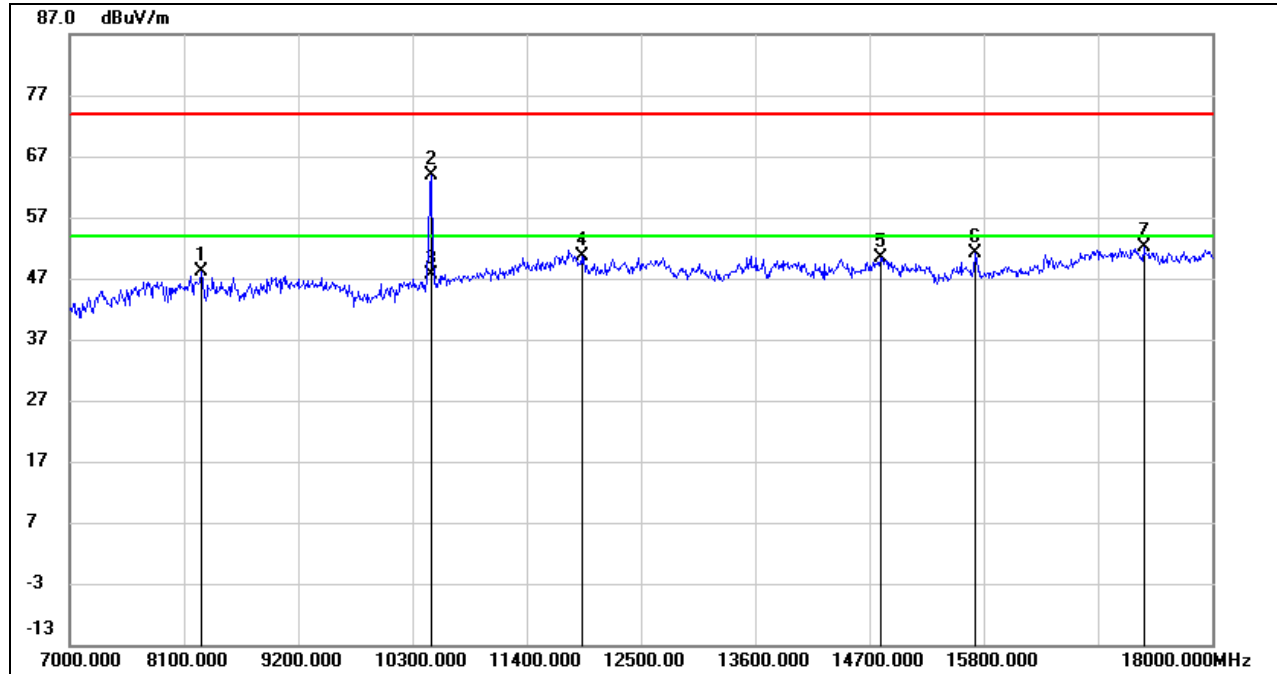
### HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8259.500        | 38.59          | 9.13           | 47.72           | 74.00          | -26.28      | peak   |
| 2   | 10481.500       | 52.70          | 11.87          | 64.57           | 74.00          | -9.43       | peak   |
| 3   | 10481.500       | 37.52          | 11.87          | 49.39           | 54.00          | -4.61       | AVG    |
| 4   | 11708.000       | 35.82          | 15.11          | 50.93           | 74.00          | -23.07      | peak   |
| 5   | 13913.500       | 33.70          | 16.90          | 50.60           | 74.00          | -23.40      | peak   |
| 6   | 15728.500       | 36.47          | 16.78          | 53.25           | 74.00          | -20.75      | peak   |
| 7   | 16861.500       | 31.77          | 19.89          | 51.66           | 74.00          | -22.34      | peak   |

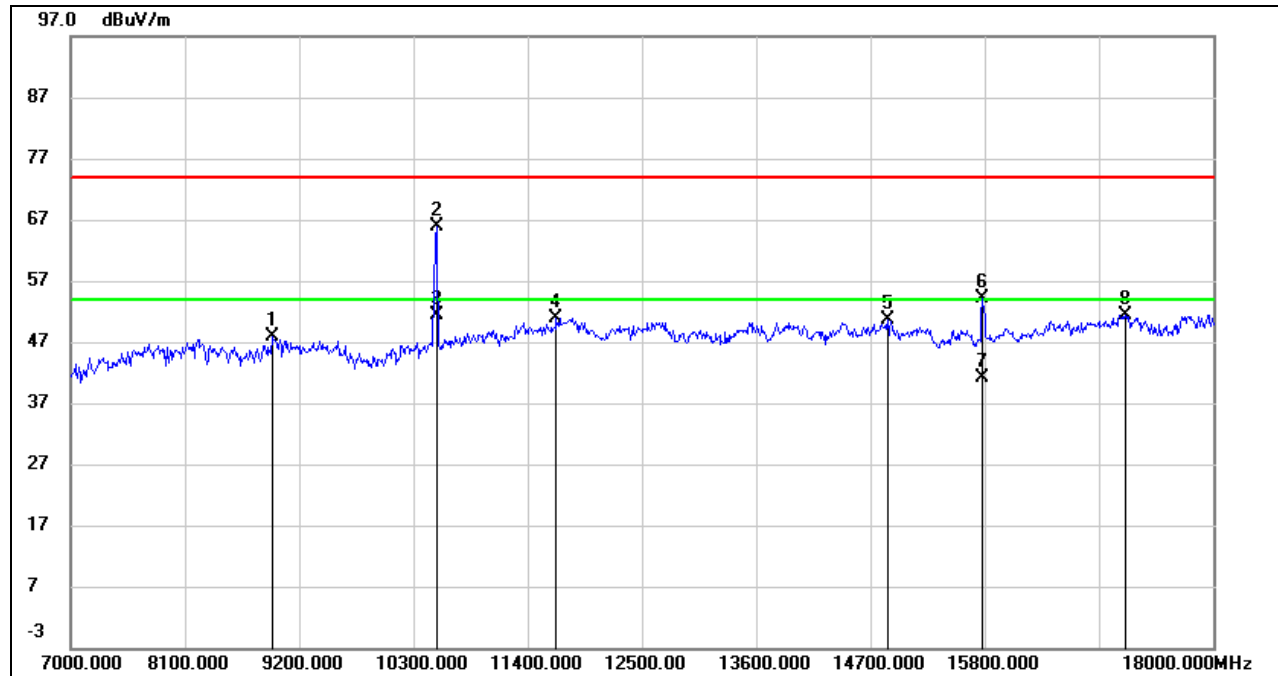
Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8270.500        | 39.02          | 9.09           | 48.11           | 74.00          | -25.89      | peak   |
| 2   | 10476.000       | 52.05          | 11.83          | 63.88           | 74.00          | -10.12      | peak   |
| 3   | 10476.000       | 35.70          | 11.83          | 47.53           | 54.00          | -6.47       | AVG    |
| 4   | 11928.000       | 35.20          | 15.42          | 50.62           | 74.00          | -23.38      | peak   |
| 5   | 14815.500       | 33.59          | 16.80          | 50.39           | 74.00          | -23.61      | peak   |
| 6   | 15717.500       | 34.37          | 16.77          | 51.14           | 74.00          | -22.86      | peak   |
| 7   | 17345.500       | 31.36          | 20.82          | 52.18           | 74.00          | -21.82      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

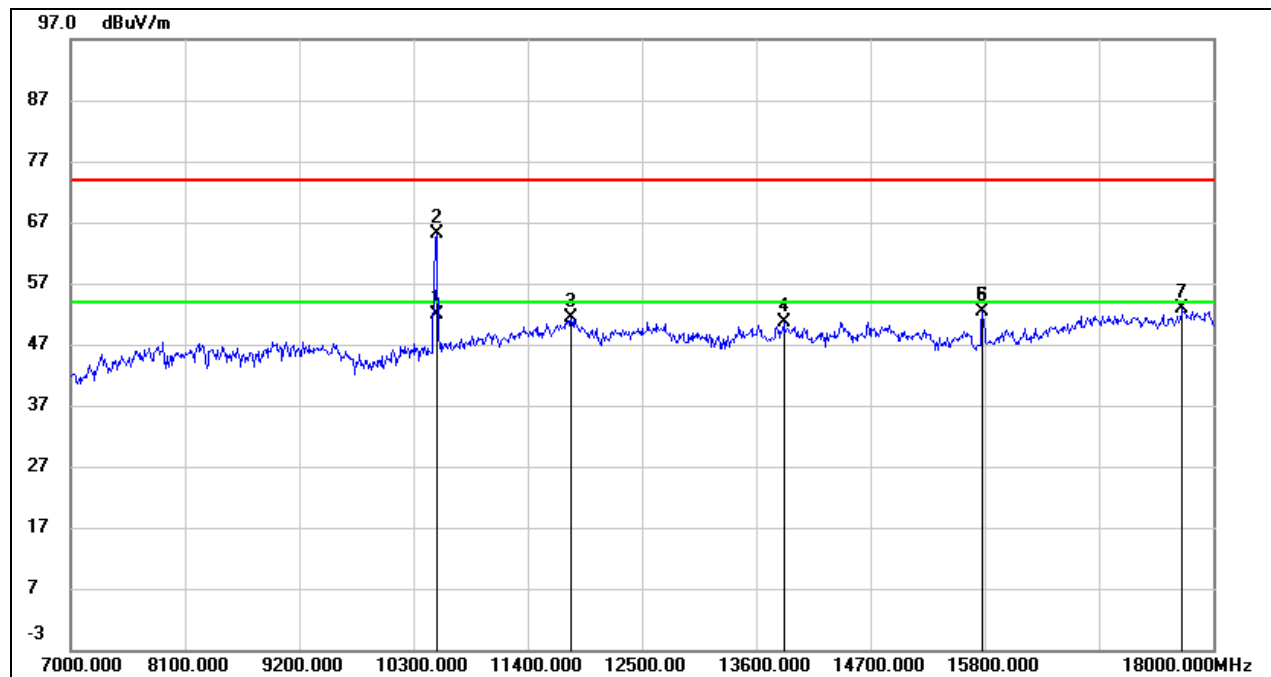
**UNII-2A BAND- PCB ANTENNA****HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8941.500        | 37.84          | 10.01          | 47.85           | 74.00          | -26.15      | peak   |
| 2   | 10520.000       | 53.82          | 12.04          | 65.86           | 74.00          | -8.14       | peak   |
| 3   | 10520.000       | 39.31          | 12.04          | 51.35           | 54.00          | -2.65       | AVG    |
| 4   | 11680.500       | 36.00          | 14.96          | 50.96           | 74.00          | -23.04      | peak   |
| 5   | 14865.000       | 33.69          | 16.83          | 50.52           | 74.00          | -23.48      | peak   |
| 6   | 15778.000       | 37.40          | 16.82          | 54.22           | 74.00          | -19.78      | peak   |
| 7   | 15778.000       | 24.33          | 16.82          | 41.15           | 54.00          | -12.85      | AVG    |
| 8   | 17158.500       | 30.58          | 20.88          | 51.46           | 74.00          | -22.54      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



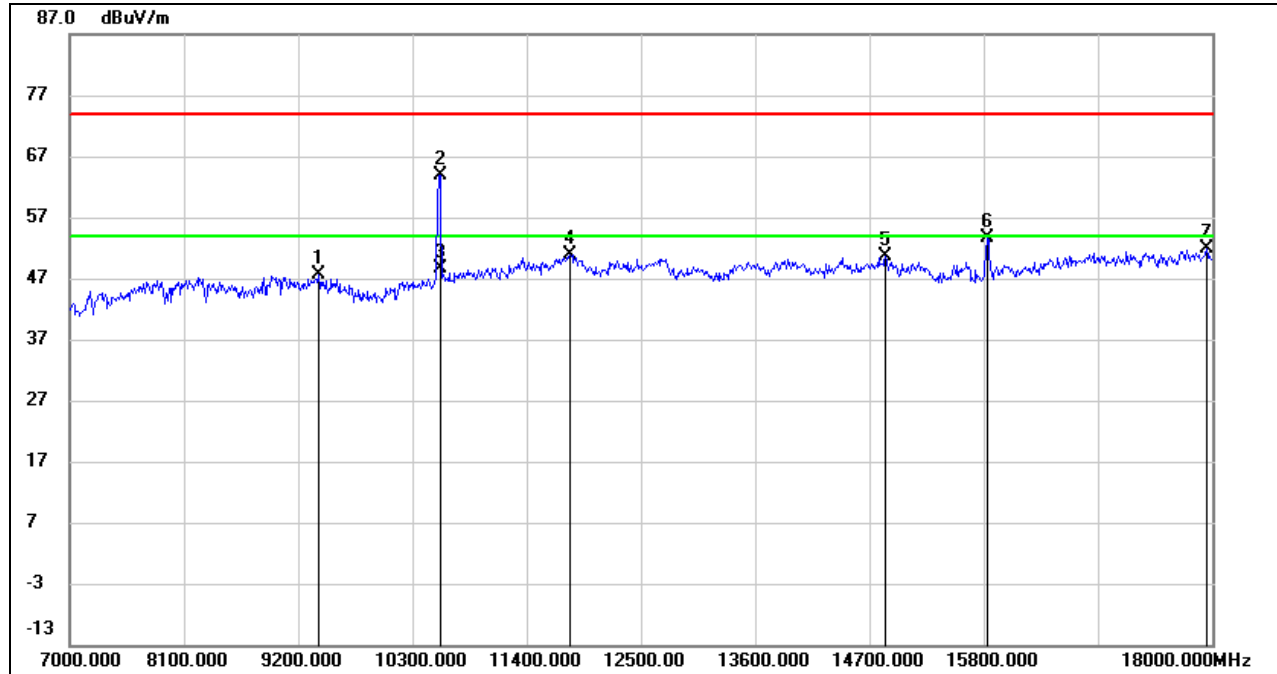
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 10525.500       | 39.79          | 12.06          | 51.85           | 54.00          | -2.15       | AVG    |
| 2   | 10525.500       | 53.01          | 12.06          | 65.07           | 74.00          | -8.93       | peak   |
| 3   | 11823.500       | 35.76          | 15.58          | 51.34           | 74.00          | -22.66      | peak   |
| 4   | 13864.000       | 33.69          | 16.92          | 50.61           | 74.00          | -23.39      | peak   |
| 5   | 15783.500       | 35.56          | 16.82          | 52.38           | 74.00          | -21.62      | peak   |
| 6   | 15783.500       | 35.56          | 16.82          | 52.38           | 74.00          | -21.62      | peak   |
| 7   | 17703.000       | 30.92          | 21.96          | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 9398.000        | 37.21          | 10.30          | 47.51           | 74.00          | -26.49      | peak   |
| 2   | 10564.000       | 51.58          | 12.21          | 63.79           | 74.00          | -10.21      | peak   |
| 3   | 10564.000       | 36.32          | 12.21          | 48.53           | 54.00          | -5.47       | AVG    |
| 4   | 11823.500       | 35.39          | 15.58          | 50.97           | 74.00          | -23.03      | peak   |
| 5   | 14854.000       | 33.77          | 16.83          | 50.60           | 74.00          | -23.40      | peak   |
| 6   | 15838.500       | 36.78          | 16.90          | 53.68           | 74.00          | -20.32      | peak   |
| 7   | 17950.500       | 29.26          | 22.68          | 51.94           | 74.00          | -22.06      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

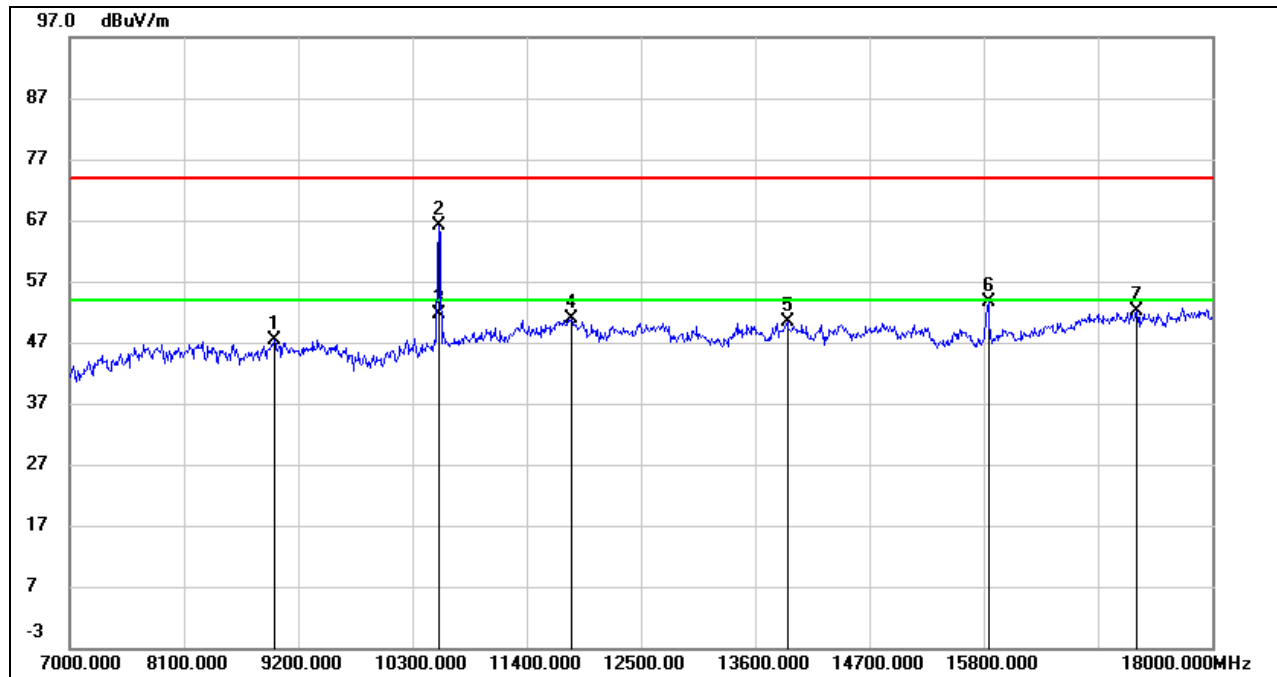
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8974.500        | 36.98          | 10.36          | 47.34           | 74.00          | -26.66      | peak   |
| 2   | 10558.500       | 53.97          | 12.20          | 66.17           | 74.00          | -7.83       | peak   |
| 3   | 10558.500       | 39.48          | 12.20          | 51.68           | 54.00          | -2.32       | AVG    |
| 4   | 11829.000       | 35.30          | 15.57          | 50.87           | 74.00          | -23.13      | peak   |
| 5   | 13908.000       | 33.38          | 16.90          | 50.28           | 74.00          | -23.72      | peak   |
| 6   | 15844.000       | 36.77          | 16.92          | 53.69           | 74.00          | -20.31      | peak   |
| 7   | 17274.000       | 31.30          | 20.93          | 52.23           | 74.00          | -21.77      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

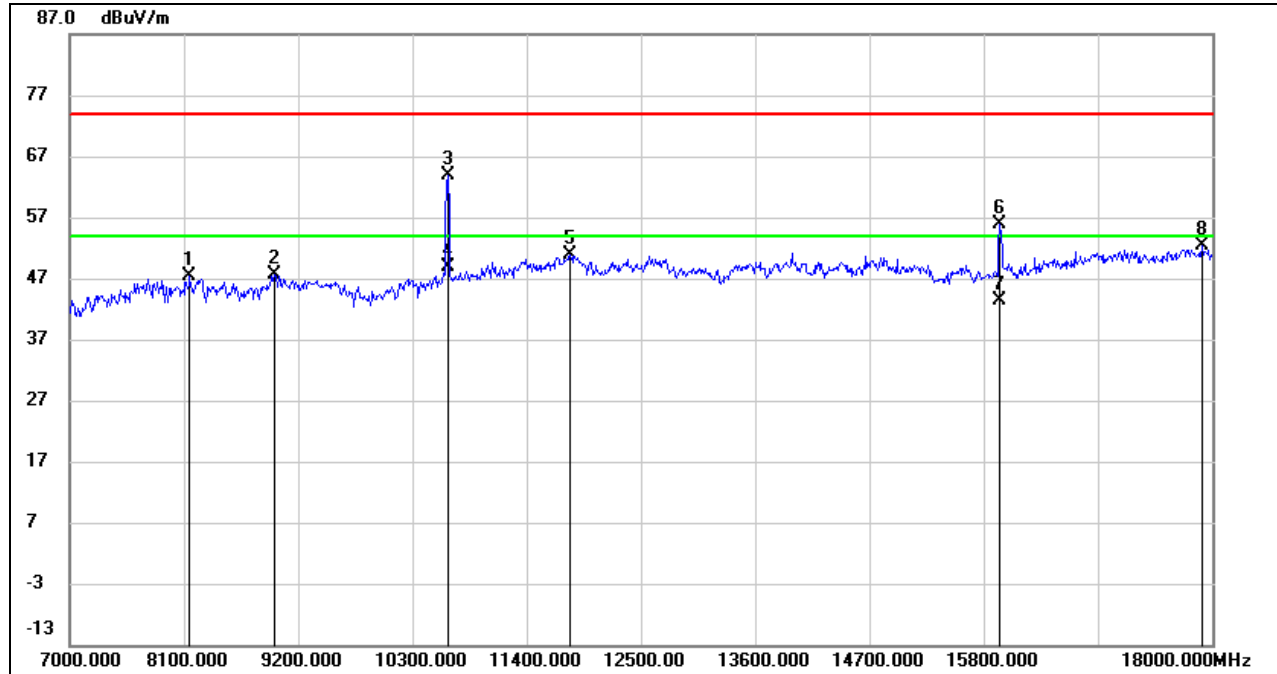
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8155.000        | 38.36          | 8.98           | 47.34           | 74.00          | -26.66      | peak   |
| 2   | 8969.000        | 37.33          | 10.31          | 47.64           | 74.00          | -26.36      | peak   |
| 3   | 10641.000       | 51.40          | 12.42          | 63.82           | 74.00          | -10.18      | peak   |
| 4   | 10641.000       | 36.43          | 12.42          | 48.85           | 54.00          | -5.15       | AVG    |
| 5   | 11823.500       | 35.24          | 15.58          | 50.82           | 74.00          | -23.18      | peak   |
| 6   | 15959.500       | 38.80          | 17.15          | 55.95           | 74.00          | -18.05      | peak   |
| 7   | 15959.500       | 26.20          | 17.15          | 43.35           | 54.00          | -10.65      | AVG    |
| 8   | 17906.500       | 29.74          | 22.69          | 52.43           | 74.00          | -21.57      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

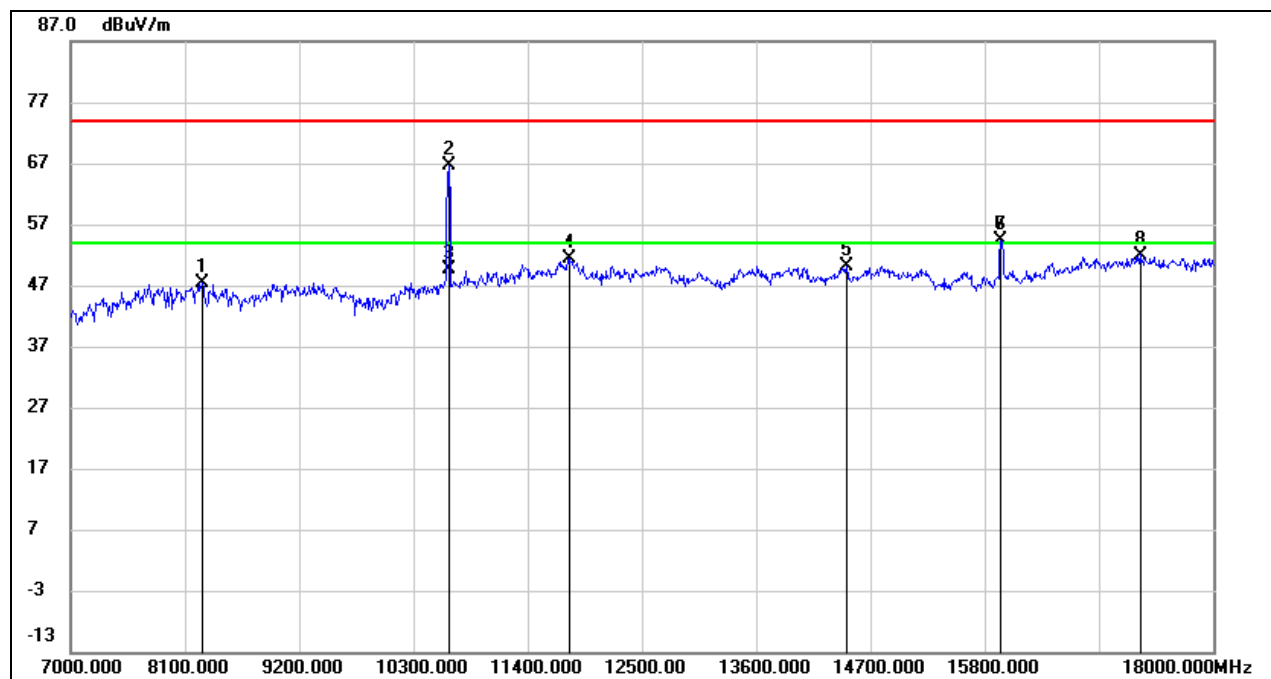
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8265.000        | 38.28          | 9.11           | 47.39           | 74.00          | -26.61      | peak   |
| 2   | 10641.000       | 54.26          | 12.42          | 66.68           | 74.00          | -7.32       | peak   |
| 3   | 10641.000       | 37.16          | 12.42          | 49.58           | 54.00          | -4.42       | AVG    |
| 4   | 11807.000       | 35.67          | 15.61          | 51.28           | 74.00          | -22.72      | peak   |
| 5   | 14474.500       | 33.34          | 16.73          | 50.07           | 74.00          | -23.93      | peak   |
| 6   | 15959.500       | 37.29          | 17.15          | 54.44           | 74.00          | -19.56      | peak   |
| 7   | 15959.500       | 37.29          | 17.15          | 54.44           | 74.00          | -19.56      | peak   |
| 8   | 17296.000       | 31.10          | 20.90          | 52.00           | 74.00          | -22.00      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

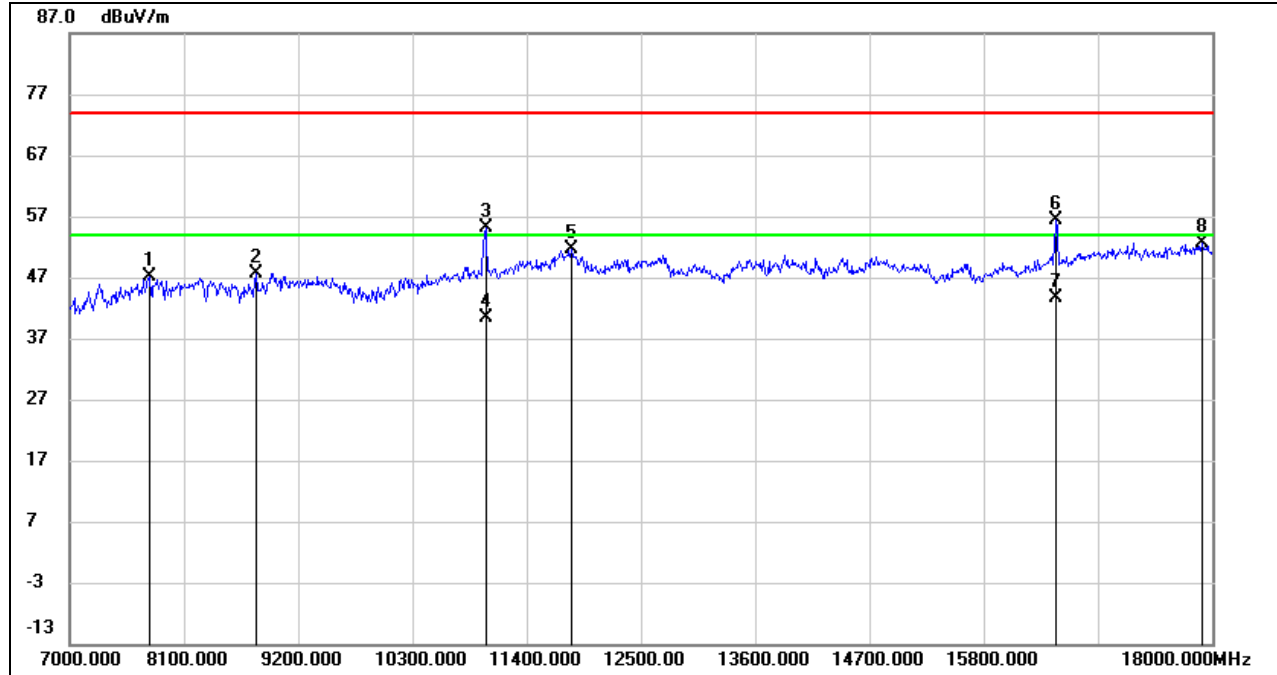
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2C BAND- PCB ANTENNA

### 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   | 7770.000        | 39.06          | 8.14           | 47.20           | 74.00          | -26.80      | peak   |
| 2   | 8798.500        | 39.10          | 8.52           | 47.62           | 74.00          | -26.38      | peak   |
| 3   | 11004.000       | 41.97          | 13.26          | 55.23           | 74.00          | -18.77      | peak   |
| 4   | 11004.000       | 27.00          | 13.26          | 40.26           | 54.00          | -13.74      | AVG    |
| 5   | 11829.000       | 35.96          | 15.57          | 51.53           | 74.00          | -22.47      | peak   |
| 6   | 16498.500       | 37.29          | 19.12          | 56.41           | 74.00          | -17.59      | peak   |
| 7   | 16498.500       | 24.56          | 19.12          | 43.68           | 54.00          | -10.32      | AVG    |
| 8   | 17901.000       | 30.01          | 22.69          | 52.70           | 74.00          | -21.30      | 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.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

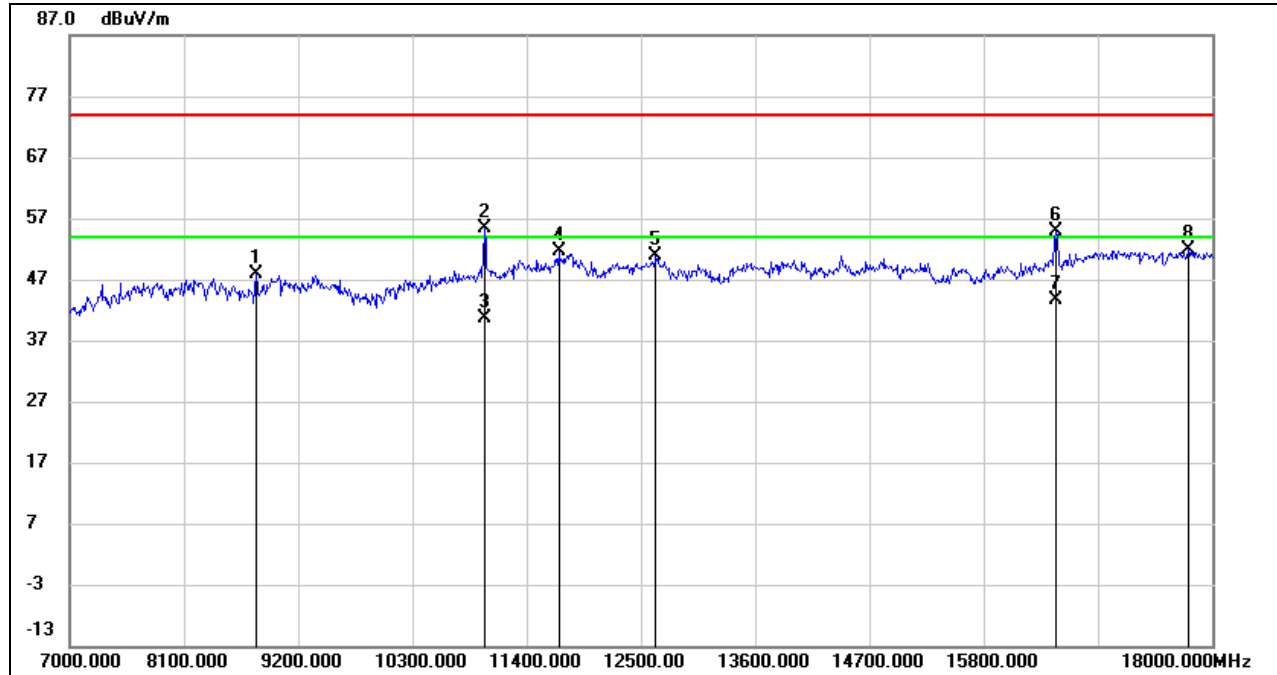
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8798.500        | 39.30          | 8.52           | 47.82           | 74.00          | -26.18      | peak   |
| 2   | 10998.500       | 42.08          | 13.26          | 55.34           | 74.00          | -18.66      | peak   |
| 3   | 10998.500       | 27.33          | 13.26          | 40.59           | 54.00          | -13.41      | AVG    |
| 4   | 11708.000       | 36.41          | 15.11          | 51.52           | 74.00          | -22.48      | peak   |
| 5   | 12648.500       | 35.44          | 15.38          | 50.82           | 74.00          | -23.18      | peak   |
| 6   | 16498.500       | 35.83          | 19.12          | 54.95           | 74.00          | -19.05      | peak   |
| 7   | 16498.500       | 24.50          | 19.12          | 43.62           | 54.00          | -10.38      | AVG    |
| 8   | 17769.000       | 29.51          | 22.48          | 51.99           | 74.00          | -22.01      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

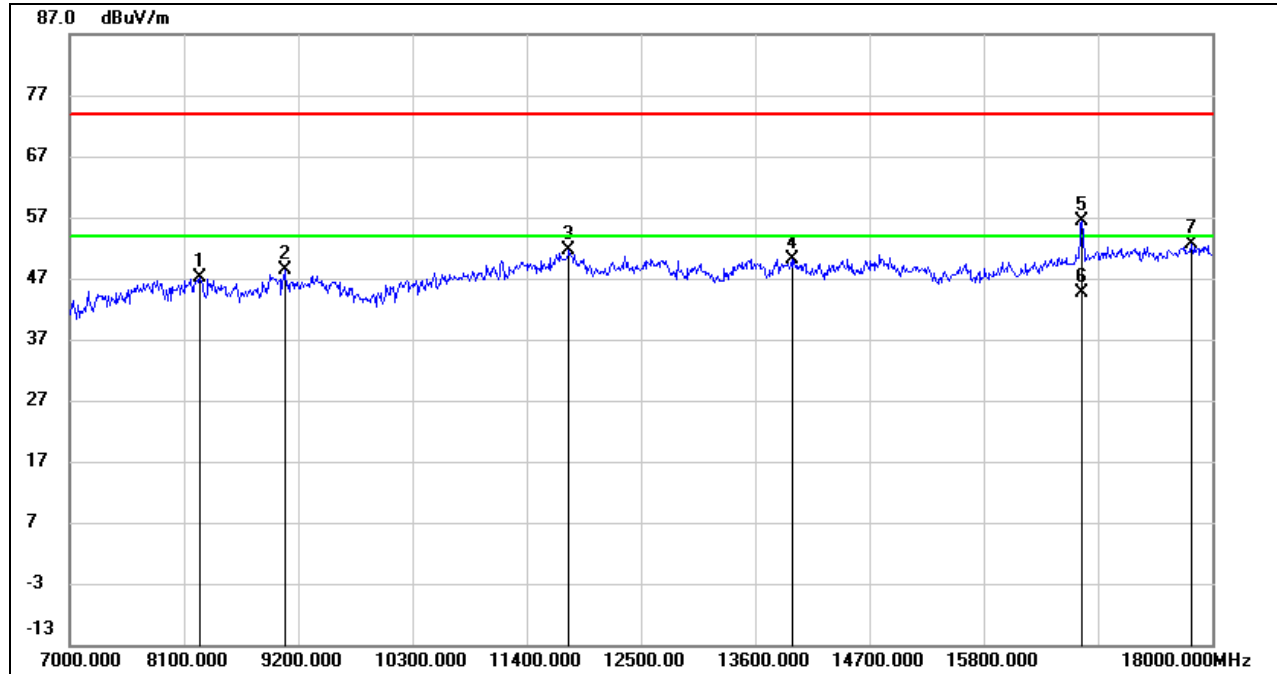
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

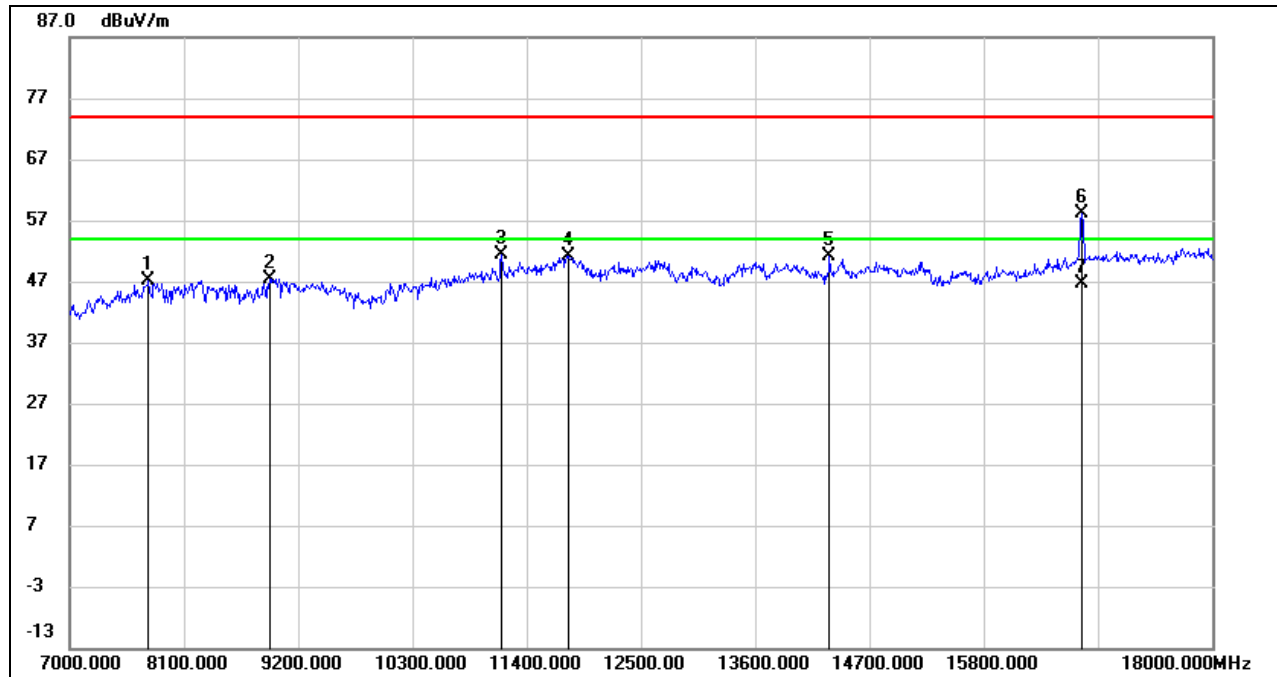
### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8254.000        | 37.99          | 9.15           | 47.14           | 74.00          | -26.86      | peak   |
| 2   | 9068.000        | 38.19          | 10.17          | 48.36           | 74.00          | -25.64      | peak   |
| 3   | 11812.500       | 36.00          | 15.59          | 51.59           | 74.00          | -22.41      | peak   |
| 4   | 13952.000       | 33.36          | 16.88          | 50.24           | 74.00          | -23.76      | peak   |
| 5   | 16746.000       | 36.78          | 19.68          | 56.46           | 74.00          | -17.54      | peak   |
| 6   | 16746.000       | 24.85          | 19.68          | 44.53           | 54.00          | -9.47       | AVG    |
| 7   | 17802.000       | 29.91          | 22.72          | 52.63           | 74.00          | -21.37      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## 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   | 7764.500        | 39.10          | 8.11           | 47.21           | 74.00          | -26.79      | peak   |
| 2   | 8925.000        | 37.64          | 9.84           | 47.48           | 74.00          | -26.52      | peak   |
| 3   | 11158.000       | 37.92          | 13.56          | 51.48           | 74.00          | -22.52      | peak   |
| 4   | 11812.500       | 35.65          | 15.59          | 51.24           | 74.00          | -22.76      | peak   |
| 5   | 14315.000       | 34.30          | 16.79          | 51.09           | 74.00          | -22.91      | peak   |
| 6   | 16746.000       | 38.40          | 19.68          | 58.08           | 74.00          | -15.92      | peak   |
| 7   | 16746.000       | 26.91          | 19.68          | 46.59           | 54.00          | -7.41       | 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.

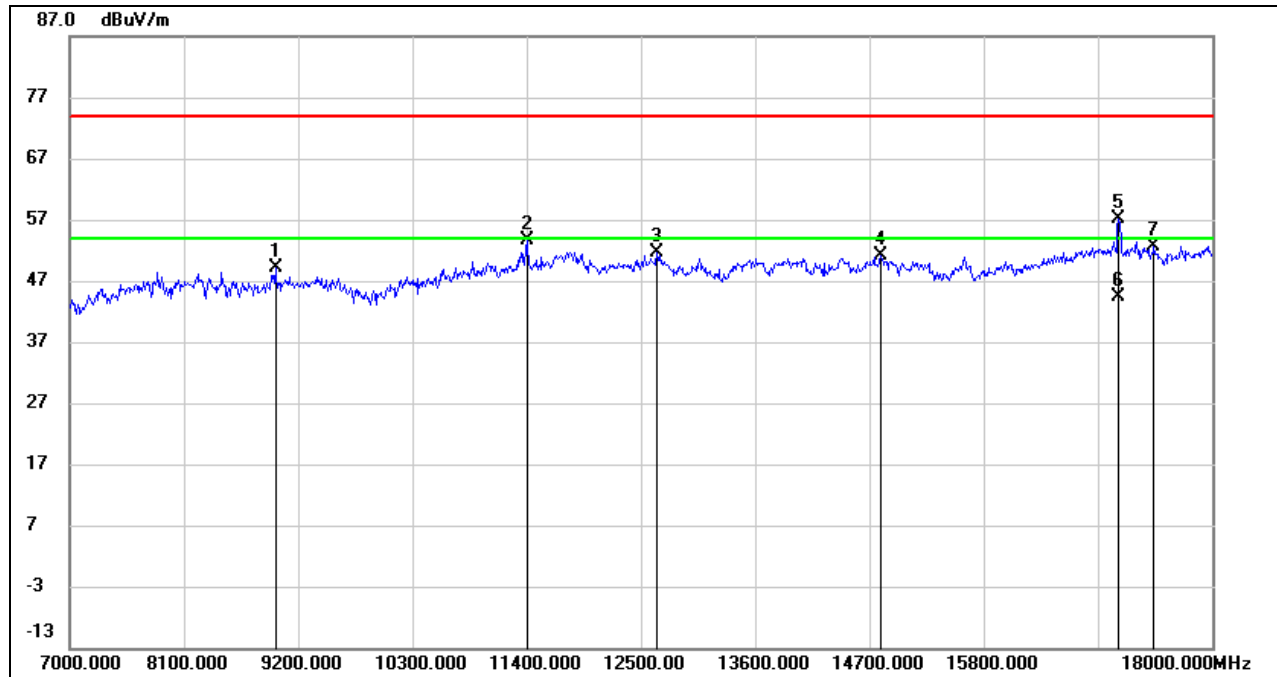
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8980.000           | 38.66             | 10.41             | 49.07              | 74.00             | -24.93         | peak   |
| 2   | 11405.500          | 39.48             | 14.22             | 53.70              | 74.00             | -20.30         | peak   |
| 3   | 12654.000          | 36.31             | 15.38             | 51.69              | 74.00             | -22.31         | peak   |
| 4   | 14815.500          | 34.33             | 16.80             | 51.13              | 74.00             | -22.87         | peak   |
| 5   | 17103.500          | 36.36             | 20.65             | 57.01              | 74.00             | -16.99         | peak   |
| 6   | 17103.500          | 23.61             | 20.65             | 44.26              | 54.00             | -9.74          | AVG    |
| 7   | 17439.000          | 31.79             | 20.77             | 52.56              | 74.00             | -21.44         | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

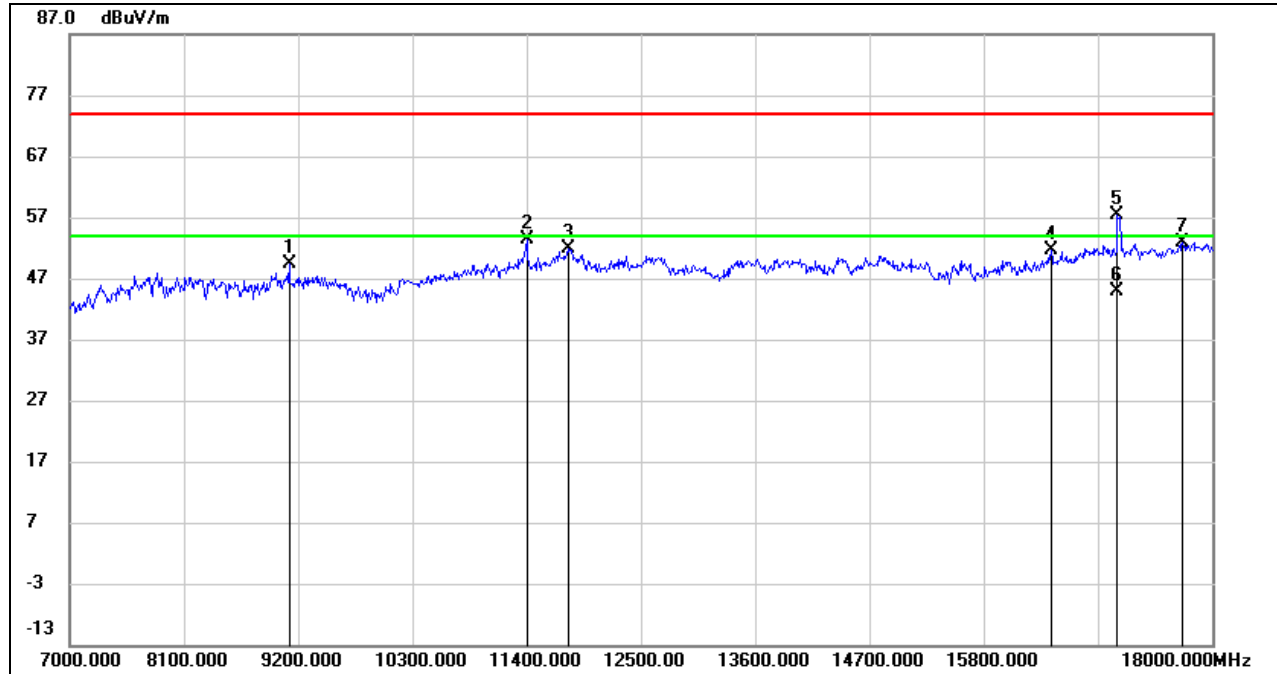
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 9117.500        | 39.52          | 9.83           | 49.35           | 74.00          | -24.65      | peak   |
| 2   | 11400.000       | 39.08          | 14.22          | 53.30           | 74.00          | -20.70      | peak   |
| 3   | 11796.000       | 36.17          | 15.59          | 51.76           | 74.00          | -22.24      | peak   |
| 4   | 16449.000       | 32.83          | 18.91          | 51.74           | 74.00          | -22.26      | peak   |
| 5   | 17092.500       | 36.68          | 20.60          | 57.28           | 74.00          | -16.72      | peak   |
| 6   | 17092.500       | 24.27          | 20.60          | 44.87           | 54.00          | -9.13       | AVG    |
| 7   | 17719.500       | 30.90          | 22.09          | 52.99           | 74.00          | -21.01      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

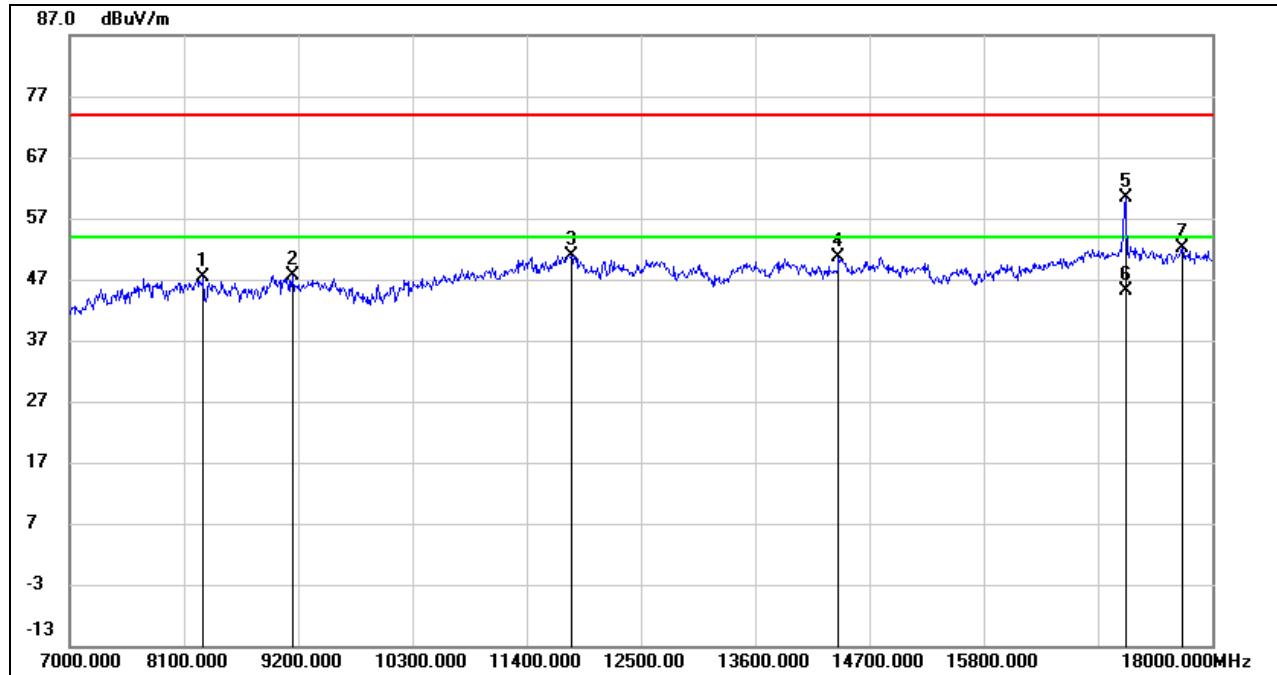
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

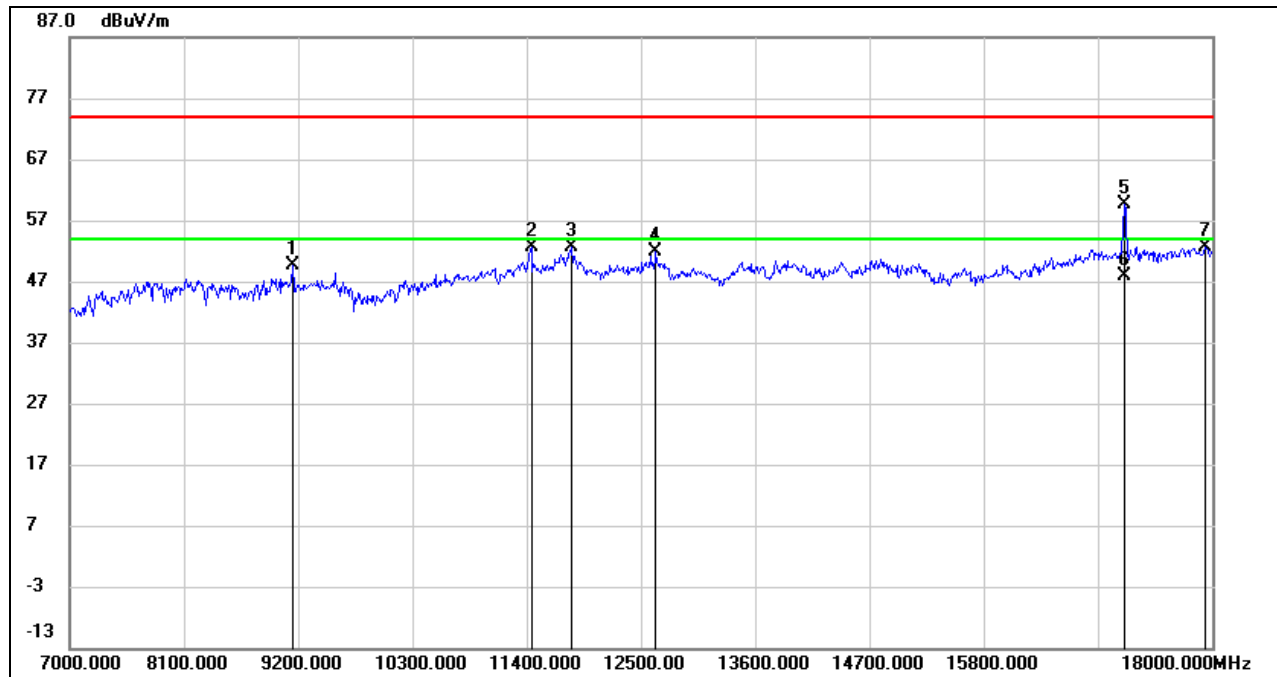
## STRADDLE CHANNEL 144 – PCB ANTENNA

### HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



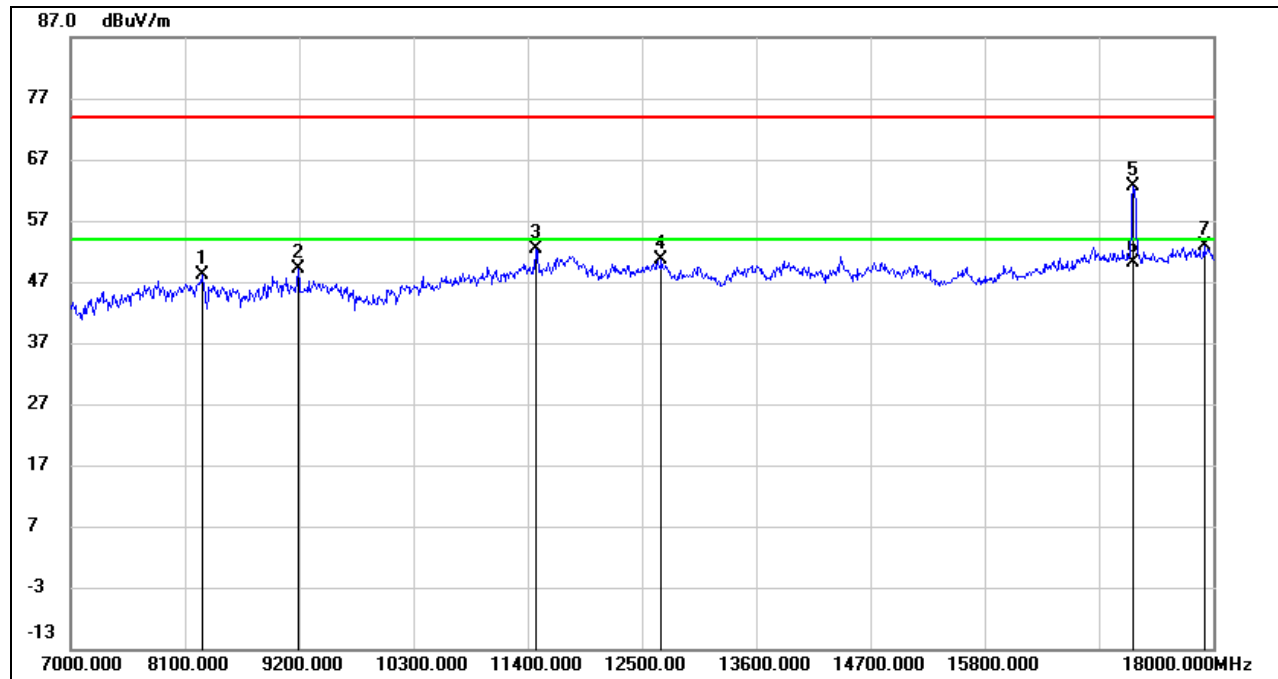
| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8287.000           | 38.27             | 9.02              | 47.29              | 74.00             | -26.71         | peak   |
| 2   | 9150.500           | 38.12             | 9.61              | 47.73              | 74.00             | -26.27         | peak   |
| 3   | 11829.000          | 35.38             | 15.57             | 50.95              | 74.00             | -23.05         | peak   |
| 4   | 14408.500          | 33.76             | 16.83             | 50.59              | 74.00             | -23.41         | peak   |
| 5   | 17169.500          | 39.45             | 20.92             | 60.37              | 74.00             | -13.63         | peak   |
| 6   | 17169.500          | 24.27             | 20.92             | 45.19              | 54.00             | -8.81          | AVG    |
| 7   | 17714.000          | 30.14             | 22.04             | 52.18              | 74.00             | -21.82         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)**

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 9150.500           | 39.94             | 9.61              | 49.55              | 74.00             | -24.45         | peak   |
| 2   | 11444.000          | 38.23             | 14.28             | 52.51              | 74.00             | -21.49         | peak   |
| 3   | 11834.500          | 37.00             | 15.55             | 52.55              | 74.00             | -21.45         | peak   |
| 4   | 12648.500          | 36.39             | 15.38             | 51.77              | 74.00             | -22.23         | peak   |
| 5   | 17158.500          | 38.74             | 20.88             | 59.62              | 74.00             | -14.38         | peak   |
| 6   | 17158.500          | 26.97             | 20.88             | 47.85              | 54.00             | -6.15          | AVG    |
| 7   | 17939.500          | 30.05             | 22.69             | 52.74              | 74.00             | -21.26         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**UNII-3 BAND – PCB ANTENNA****HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8265.000           | 39.04             | 9.11              | 48.15              | 74.00             | -25.85         | peak   |
| 2   | 9189.000           | 39.78             | 9.36              | 49.14              | 74.00             | -24.86         | peak   |
| 3   | 11482.500          | 38.05             | 14.34             | 52.39              | 74.00             | -21.61         | peak   |
| 4   | 12687.000          | 35.07             | 15.45             | 50.52              | 74.00             | -23.48         | peak   |
| 5   | 17235.500          | 41.70             | 20.98             | 62.68              | 74.00             | -11.32         | peak   |
| 6   | 17235.500          | 29.22             | 20.98             | 50.20              | 54.00             | -3.80          | AVG    |
| 7   | 17912.000          | 30.07             | 22.69             | 52.76              | 74.00             | -21.24         | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

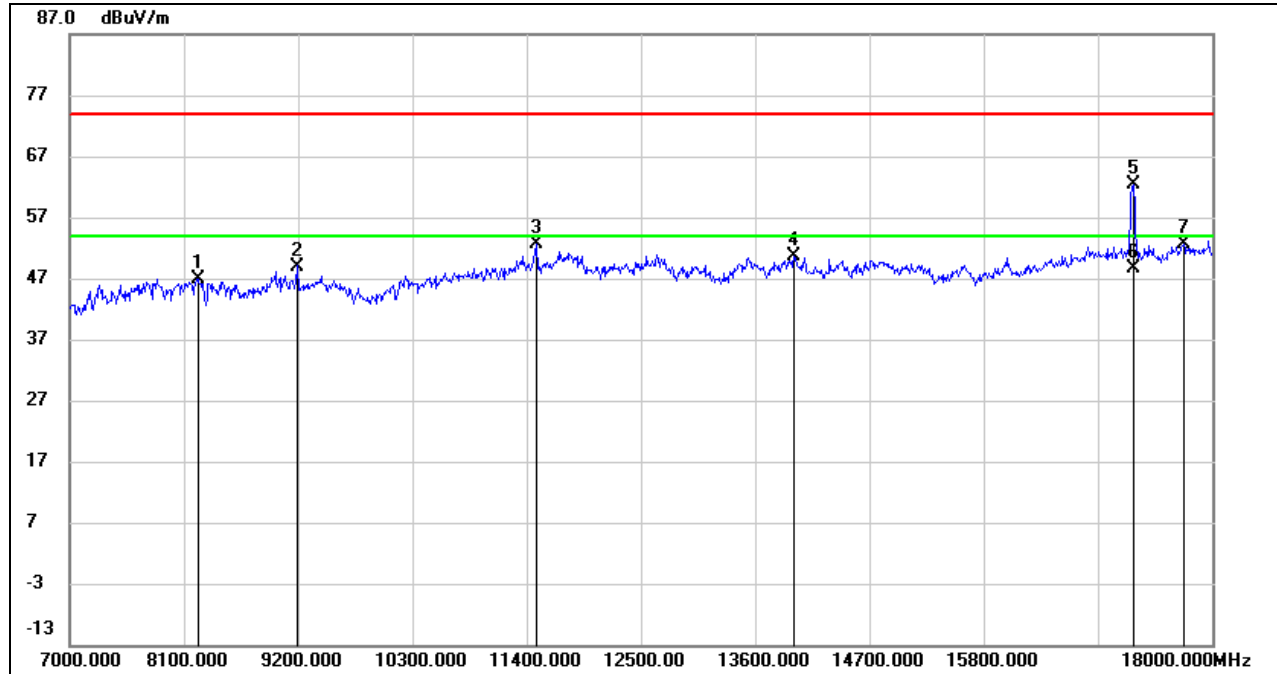
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

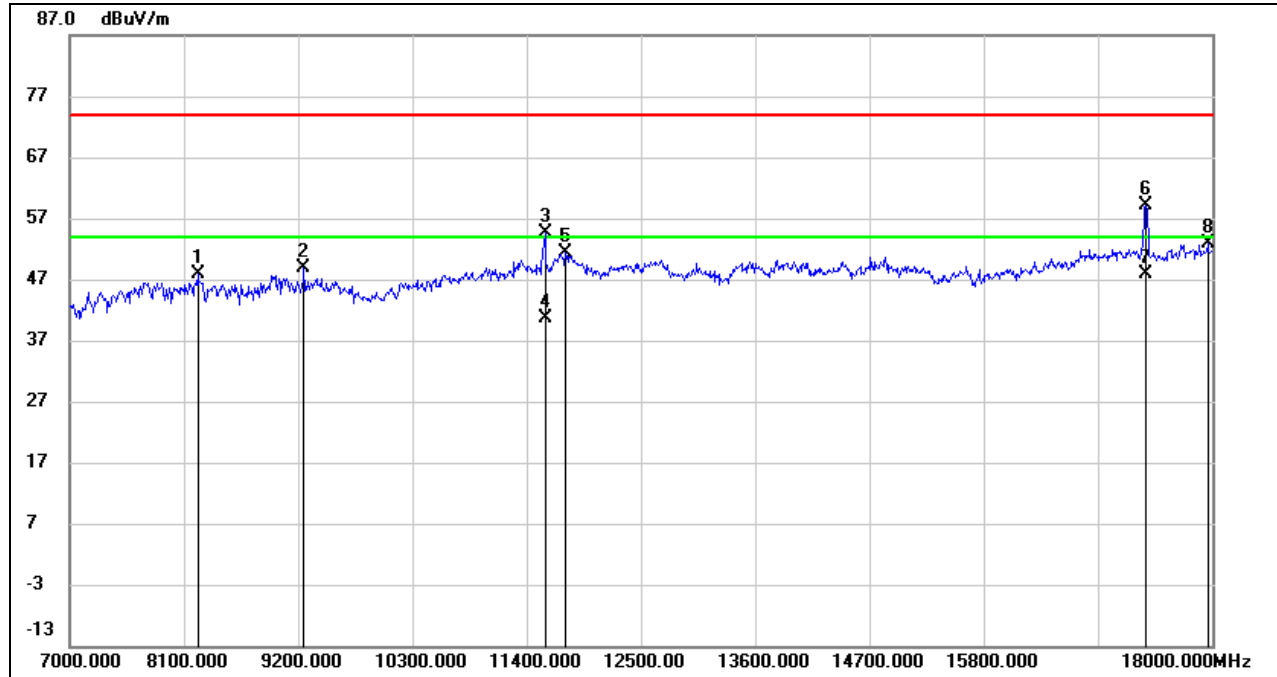
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8232.000        | 37.60          | 9.23           | 46.83           | 74.00          | -27.17      | peak   |
| 2   | 9189.000        | 39.64          | 9.36           | 49.00           | 74.00          | -25.00      | peak   |
| 3   | 11499.000       | 38.22          | 14.36          | 52.58           | 74.00          | -21.42      | peak   |
| 4   | 13979.500       | 33.77          | 16.86          | 50.63           | 74.00          | -23.37      | peak   |
| 5   | 17241.000       | 41.43          | 20.97          | 62.40           | 74.00          | -11.60      | peak   |
| 6   | 17241.000       | 27.78          | 20.97          | 48.75           | 54.00          | -5.25       | AVG    |
| 7   | 17725.000       | 30.57          | 22.13          | 52.70           | 74.00          | -21.30      | 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.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8237.500        | 38.66          | 9.21           | 47.87           | 74.00          | -26.13      | peak   |
| 2   | 9255.000        | 39.42          | 9.56           | 48.98           | 74.00          | -25.02      | peak   |
| 3   | 11576.000       | 40.05          | 14.48          | 54.53           | 74.00          | -19.47      | peak   |
| 4   | 11576.000       | 26.05          | 14.48          | 40.53           | 54.00          | -13.47      | AVG    |
| 5   | 11774.000       | 35.79          | 15.47          | 51.26           | 74.00          | -22.74      | peak   |
| 6   | 17362.000       | 38.28          | 20.79          | 59.07           | 74.00          | -14.93      | peak   |
| 7   | 17362.000       | 26.99          | 20.79          | 47.78           | 54.00          | -6.22       | AVG    |
| 8   | 17961.500       | 30.26          | 22.68          | 52.94           | 74.00          | -21.06      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

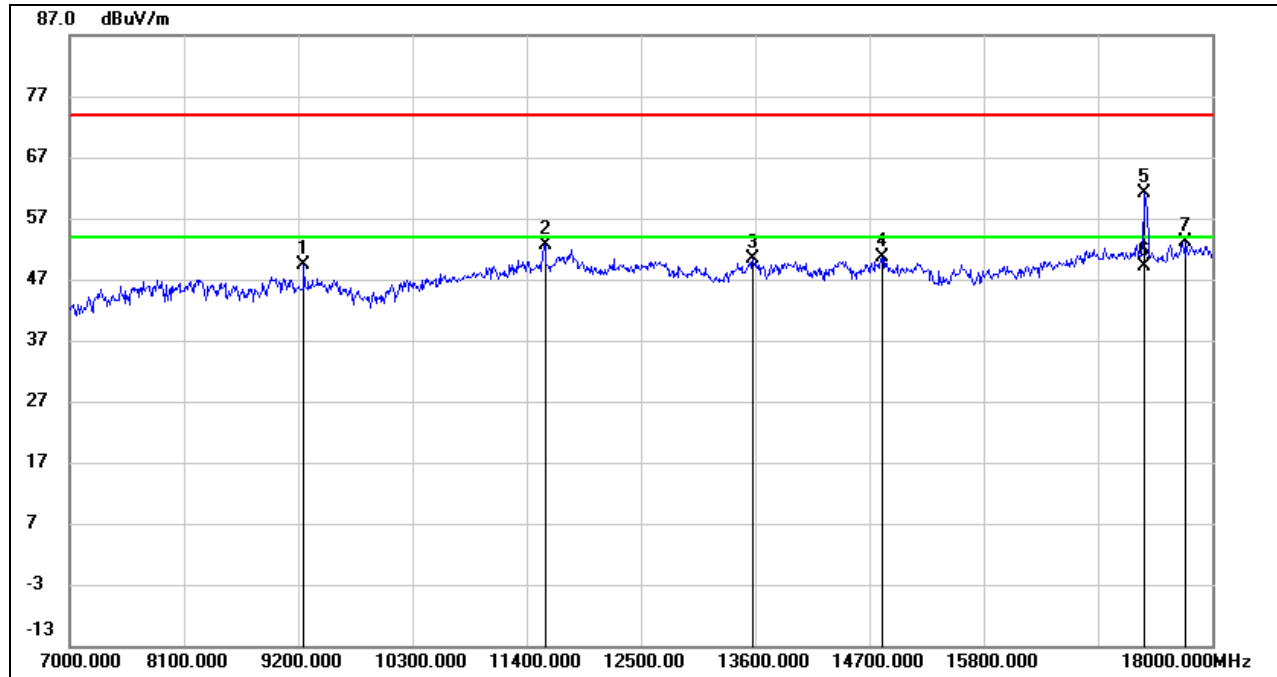
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 9255.000        | 39.72          | 9.56           | 49.28           | 74.00          | -24.72      | peak   |
| 2   | 11576.000       | 38.22          | 14.48          | 52.70           | 74.00          | -21.30      | peak   |
| 3   | 13583.500       | 33.95          | 16.43          | 50.38           | 74.00          | -23.62      | peak   |
| 4   | 14821.000       | 33.81          | 16.81          | 50.62           | 74.00          | -23.38      | peak   |
| 5   | 17351.000       | 40.42          | 20.81          | 61.23           | 74.00          | -12.77      | peak   |
| 6   | 17351.000       | 28.42          | 20.81          | 49.23           | 54.00          | -4.77       | AVG    |
| 7   | 17747.000       | 30.70          | 22.31          | 53.01           | 74.00          | -20.99      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

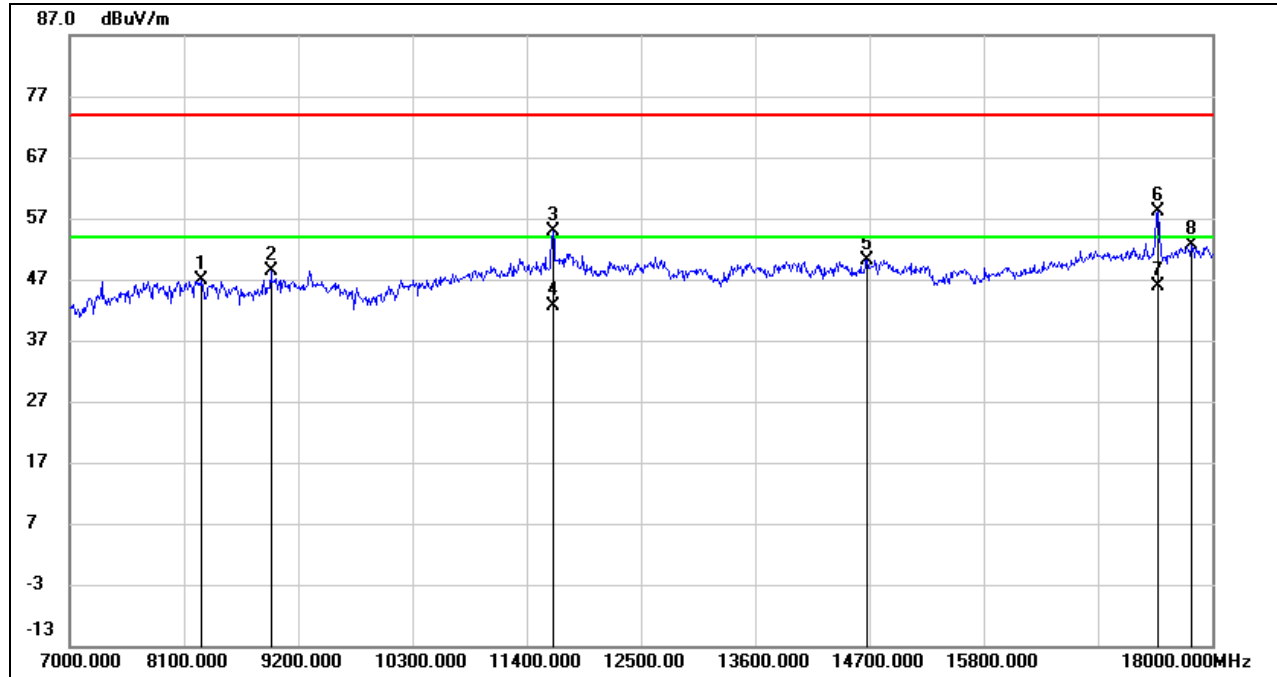
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## 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   | 8270.500        | 37.67          | 9.09           | 46.76           | 74.00          | -27.24      | peak   |
| 2   | 8941.500        | 38.30          | 10.01          | 48.31           | 74.00          | -25.69      | peak   |
| 3   | 11653.000       | 40.18          | 14.80          | 54.98           | 74.00          | -19.02      | peak   |
| 4   | 11653.000       | 27.95          | 14.80          | 42.75           | 54.00          | -11.25      | AVG    |
| 5   | 14678.000       | 33.59          | 16.59          | 50.18           | 74.00          | -23.82      | peak   |
| 6   | 17477.500       | 37.39          | 20.81          | 58.20           | 74.00          | -15.80      | peak   |
| 7   | 17477.500       | 25.15          | 20.81          | 45.96           | 54.00          | -8.04       | AVG    |
| 8   | 17802.000       | 29.80          | 22.72          | 52.52           | 74.00          | -21.48      | 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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

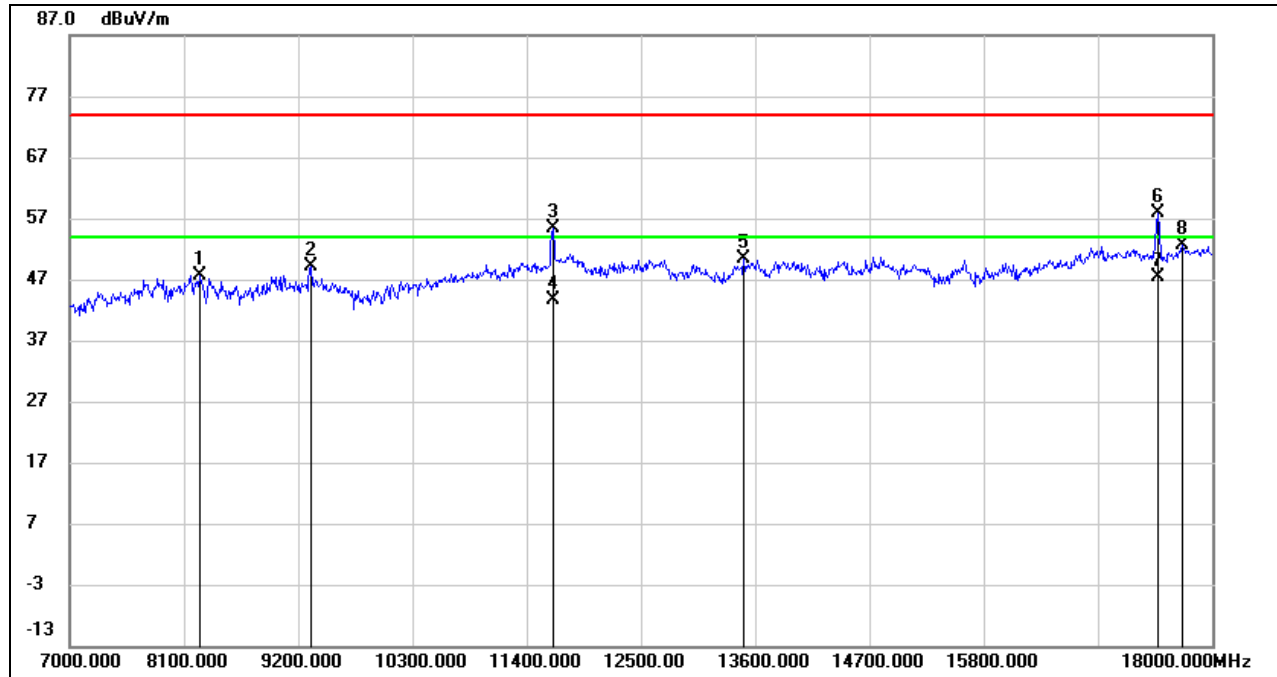
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

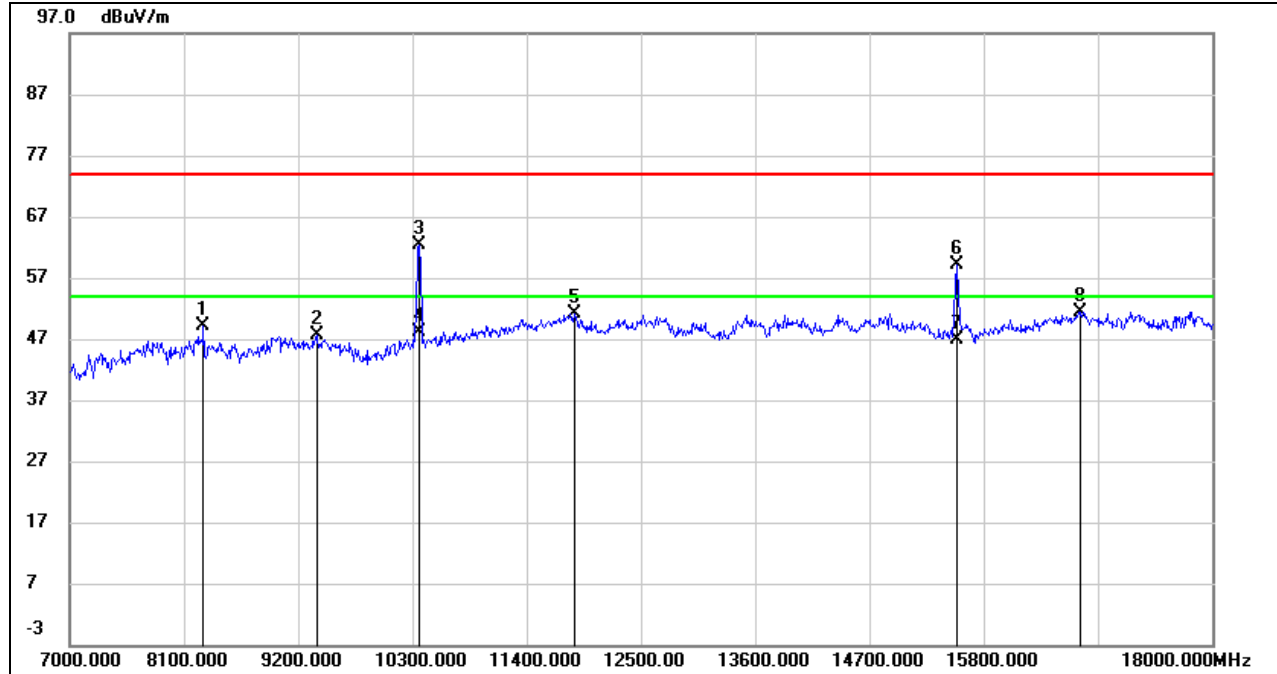


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8259.500        | 38.44          | 9.13           | 47.57           | 74.00          | -26.43      | peak   |
| 2   | 9321.000        | 39.24          | 9.91           | 49.15           | 74.00          | -24.85      | peak   |
| 3   | 11653.000       | 40.46          | 14.80          | 55.26           | 74.00          | -18.74      | peak   |
| 4   | 11653.000       | 28.85          | 14.80          | 43.65           | 54.00          | -10.35      | AVG    |
| 5   | 13490.000       | 34.06          | 16.41          | 50.47           | 74.00          | -23.53      | peak   |
| 6   | 17483.000       | 37.12          | 20.82          | 57.94           | 74.00          | -16.06      | peak   |
| 7   | 17483.000       | 26.53          | 20.82          | 47.35           | 54.00          | -6.65       | AVG    |
| 8   | 17714.000       | 30.65          | 22.04          | 52.69           | 74.00          | -21.31      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

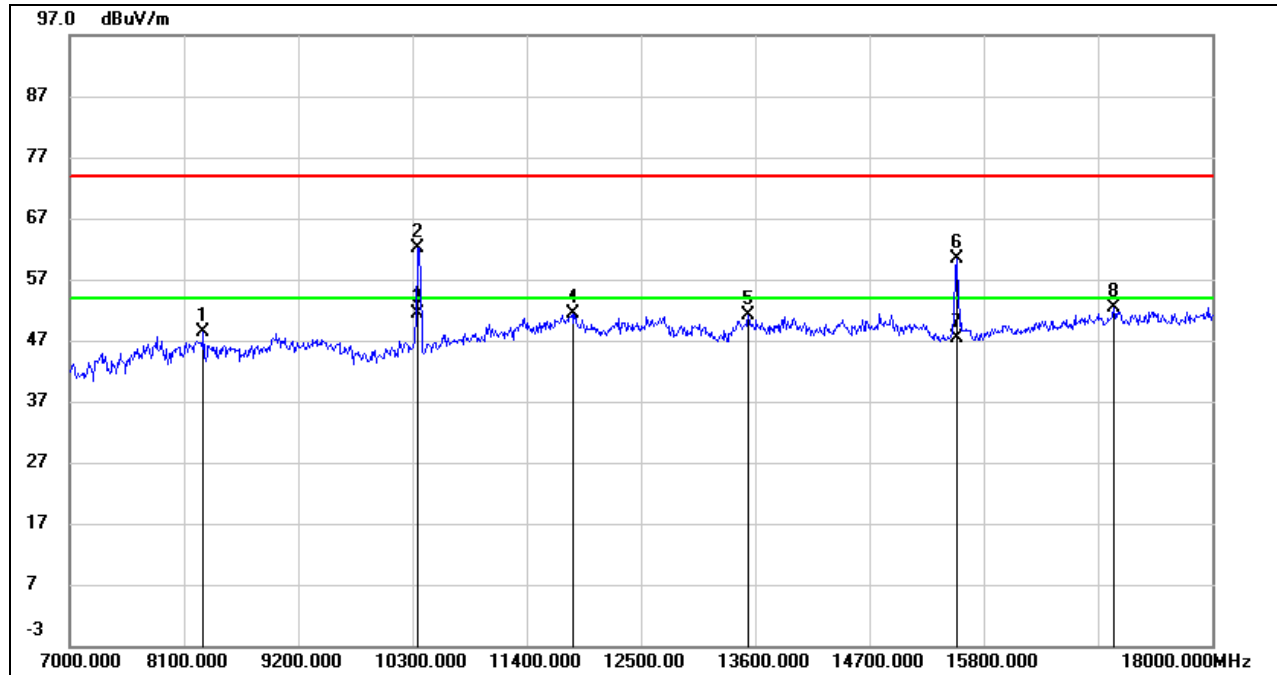
## UNII-1 BAND – FPC ANTENNA

### 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   | 8287.000        | 40.16          | 9.02           | 49.18           | 74.00          | -24.82      | peak   |
| 2   | 9381.500        | 37.47          | 10.22          | 47.69           | 74.00          | -26.31      | peak   |
| 3   | 10366.000       | 51.01          | 11.33          | 62.34           | 74.00          | -11.66      | peak   |
| 4   | 10366.000       | 36.90          | 11.33          | 48.23           | 54.00          | -5.77       | AVG    |
| 5   | 11862.000       | 35.58          | 15.52          | 51.10           | 74.00          | -22.90      | peak   |
| 6   | 15552.500       | 42.51          | 16.58          | 59.09           | 74.00          | -14.91      | peak   |
| 7   | 15552.500       | 30.18          | 16.58          | 46.76           | 54.00          | -7.24       | AVG    |
| 8   | 16740.500       | 31.73          | 19.67          | 51.40           | 74.00          | -22.60      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**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   | 8287.000        | 39.24          | 9.02           | 48.26           | 74.00          | -25.74      | peak   |
| 2   | 10360.500       | 50.85          | 11.31          | 62.16           | 74.00          | -11.84      | peak   |
| 3   | 10360.500       | 40.11          | 11.31          | 51.42           | 54.00          | -2.58       | AVG    |
| 4   | 11840.000       | 35.74          | 15.56          | 51.30           | 74.00          | -22.70      | peak   |
| 5   | 13534.000       | 34.82          | 16.42          | 51.24           | 74.00          | -22.76      | peak   |
| 6   | 15541.500       | 43.72          | 16.56          | 60.28           | 74.00          | -13.72      | peak   |
| 7   | 15541.500       | 30.80          | 16.56          | 47.36           | 54.00          | -6.64       | AVG    |
| 8   | 17059.500       | 31.91          | 20.47          | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

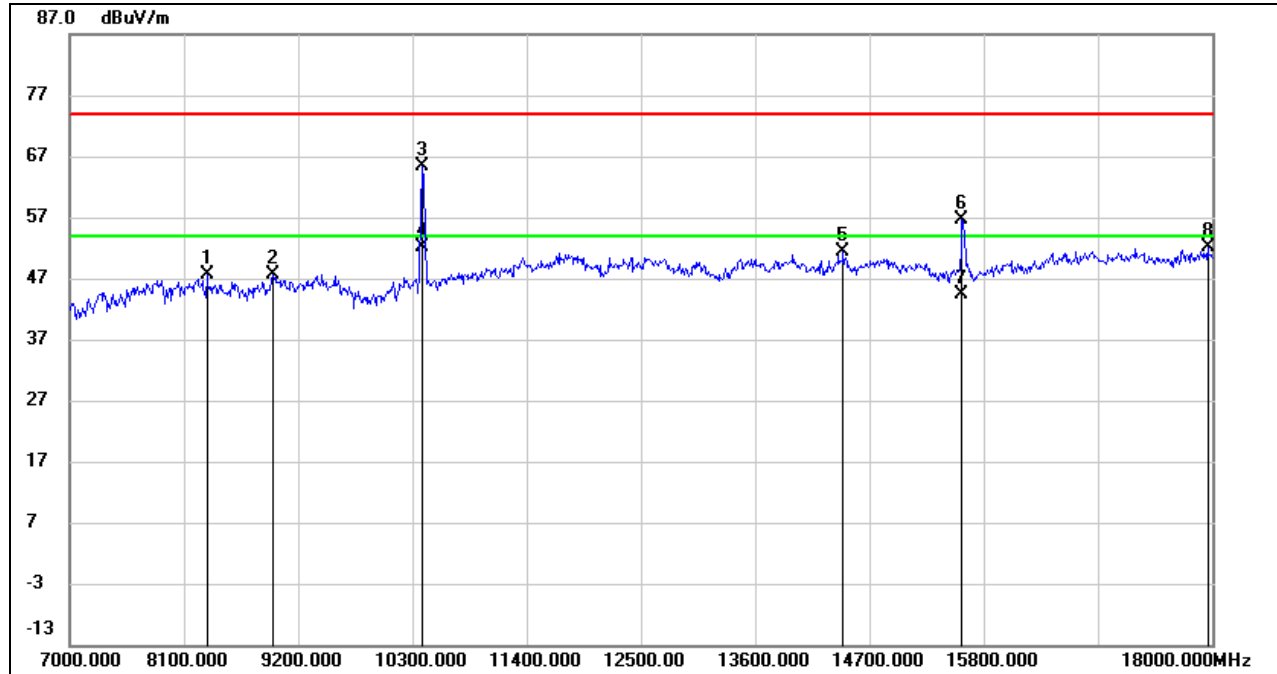
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8320.000        | 38.78          | 8.90           | 47.68           | 74.00          | -26.32      | peak   |
| 2   | 8958.000        | 37.38          | 10.19          | 47.57           | 74.00          | -26.43      | peak   |
| 3   | 10404.500       | 54.01          | 11.47          | 65.48           | 74.00          | -8.52       | peak   |
| 4   | 10404.500       | 40.76          | 11.47          | 52.23           | 54.00          | -1.77       | AVG    |
| 5   | 14452.500       | 34.58          | 16.76          | 51.34           | 74.00          | -22.66      | peak   |
| 6   | 15591.000       | 39.87          | 16.68          | 56.55           | 74.00          | -17.45      | peak   |
| 7   | 15591.000       | 27.58          | 16.68          | 44.26           | 54.00          | -9.74       | AVG    |
| 8   | 17956.000       | 29.51          | 22.68          | 52.19           | 74.00          | -21.81      | 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.

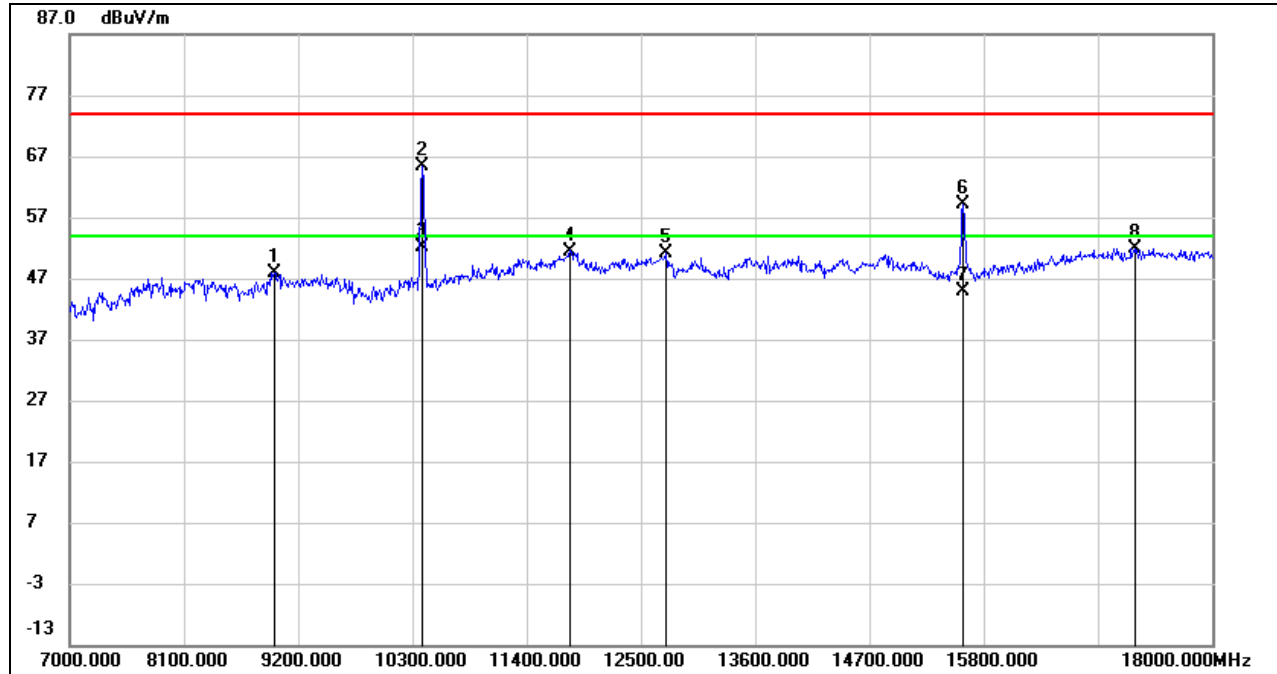
3. Peak: Peak detector.

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   | 8969.000        | 37.65          | 10.31          | 47.96           | 74.00          | -26.04      | peak   |
| 2   | 10399.000       | 54.02          | 11.45          | 65.47           | 74.00          | -8.53       | peak   |
| 3   | 10399.000       | 40.78          | 11.45          | 52.23           | 54.00          | -1.77       | AVG    |
| 4   | 11818.000       | 35.92          | 15.58          | 51.50           | 74.00          | -22.50      | peak   |
| 5   | 12742.000       | 35.49          | 15.54          | 51.03           | 74.00          | -22.97      | peak   |
| 6   | 15602.000       | 42.41          | 16.70          | 59.11           | 74.00          | -14.89      | peak   |
| 7   | 15602.000       | 28.26          | 16.70          | 44.96           | 54.00          | -9.04       | AVG    |
| 8   | 17268.500       | 31.00          | 20.94          | 51.94           | 74.00          | -22.06      | peak   |

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

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

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

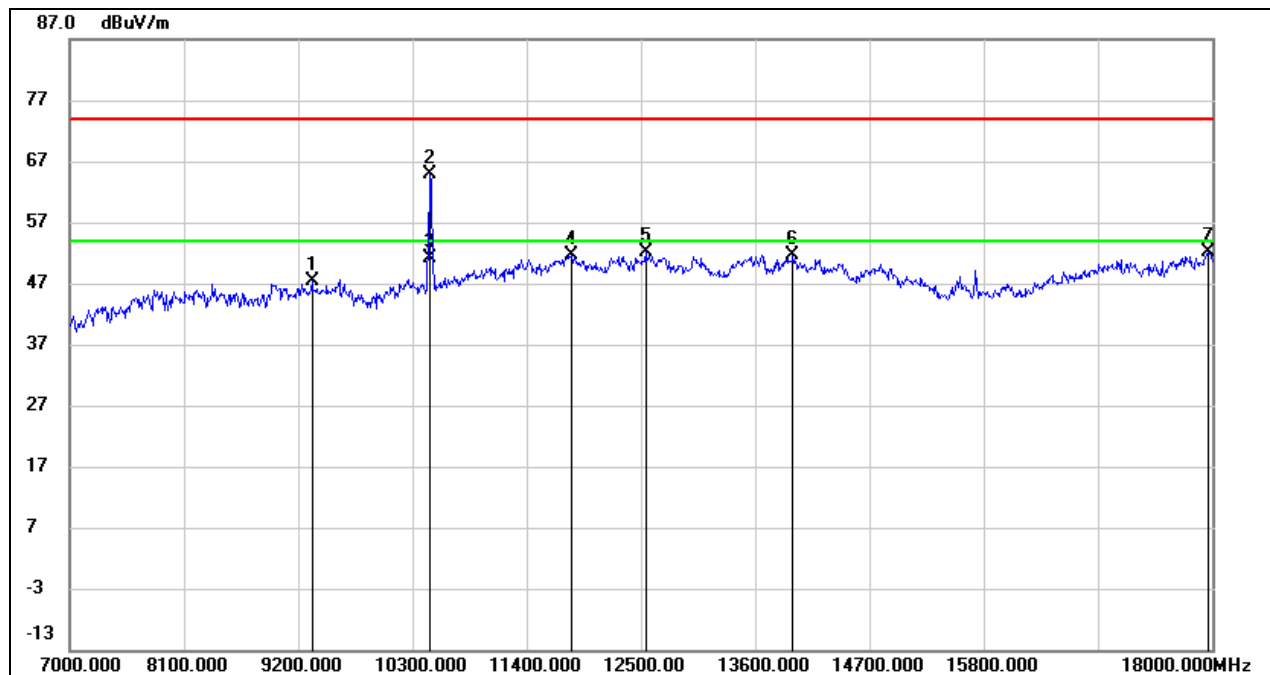
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

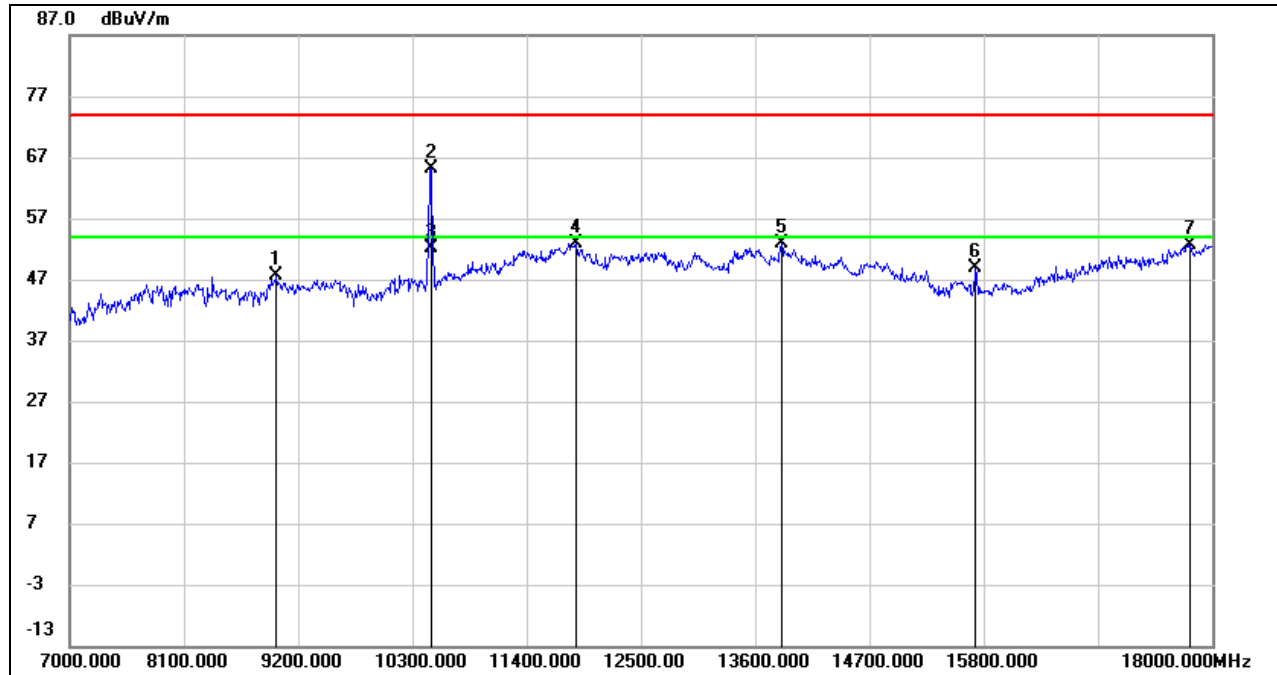
### HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 9332.000        | 37.64          | 9.73           | 47.37           | 74.00          | -26.63      | peak   |
| 2   | 10470.500       | 52.67          | 12.31          | 64.98           | 74.00          | -9.02       | peak   |
| 3   | 10470.500       | 38.82          | 12.31          | 51.13           | 54.00          | -2.87       | AVG    |
| 4   | 11829.000       | 34.40          | 17.30          | 51.70           | 74.00          | -22.30      | peak   |
| 5   | 12549.500       | 35.43          | 16.65          | 52.08           | 74.00          | -21.92      | peak   |
| 6   | 13963.000       | 33.00          | 18.59          | 51.59           | 74.00          | -22.41      | peak   |
| 7   | 17961.500       | 28.76          | 23.27          | 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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8991.000        | 37.61          | 10.03          | 47.64           | 74.00          | -26.36      | peak   |
| 2   | 10481.500       | 52.76          | 12.37          | 65.13           | 74.00          | -8.87       | peak   |
| 3   | 10481.500       | 39.86          | 12.37          | 52.23           | 54.00          | -1.77       | AVG    |
| 4   | 11873.000       | 35.66          | 17.23          | 52.89           | 74.00          | -21.11      | peak   |
| 5   | 13858.500       | 34.15          | 18.71          | 52.86           | 74.00          | -21.14      | peak   |
| 6   | 15723.000       | 34.27          | 14.52          | 48.79           | 74.00          | -25.21      | peak   |
| 7   | 17796.500       | 29.81          | 22.82          | 52.63           | 74.00          | -21.37      | peak   |

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

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

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

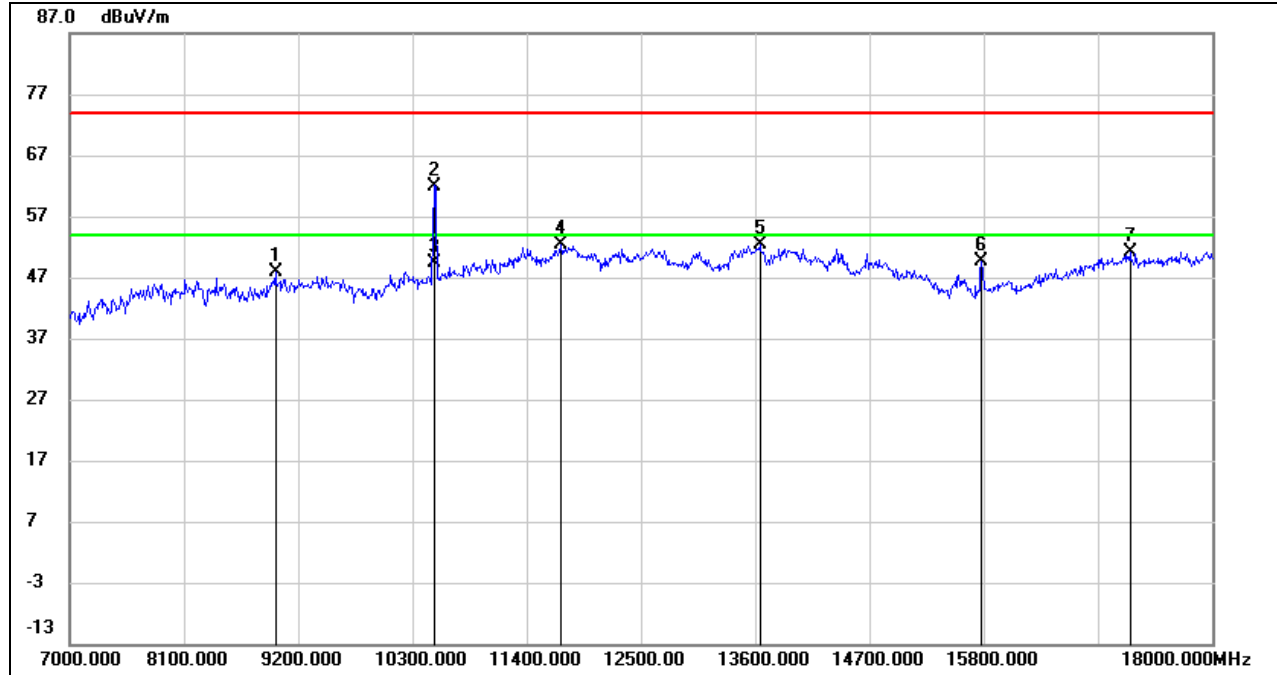
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2A BAND- FPC ANTENNA

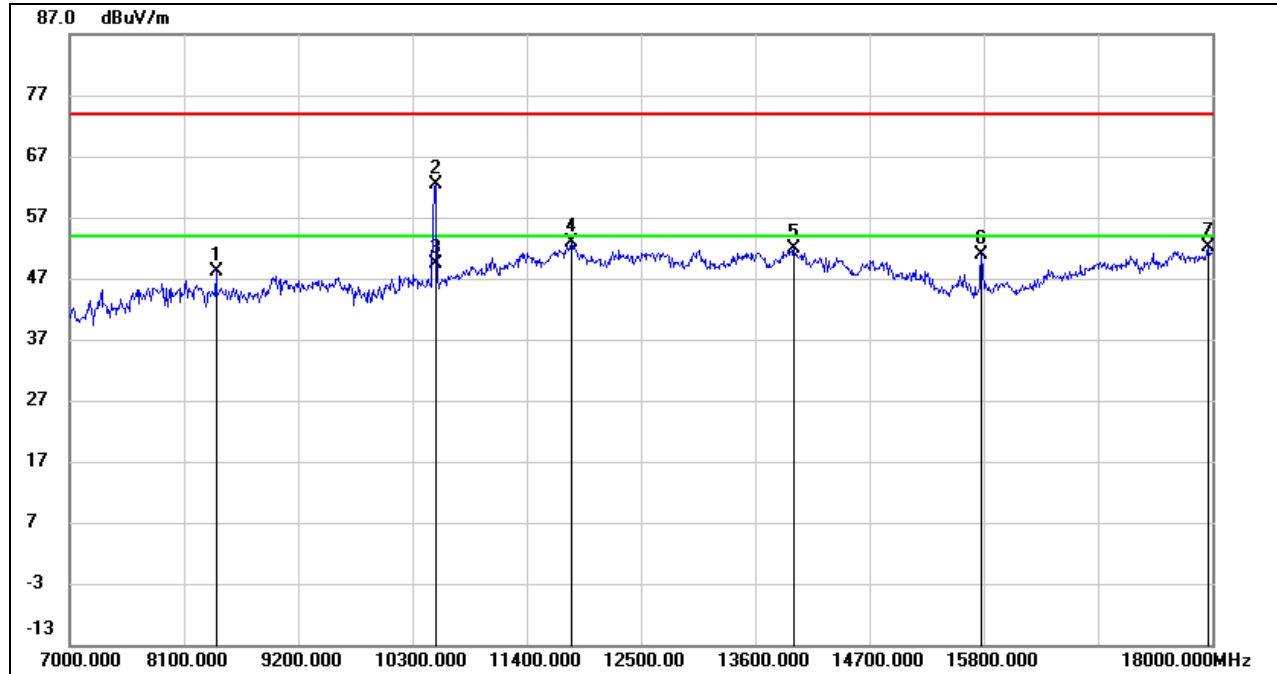
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8985.500        | 37.85          | 9.97           | 47.82           | 74.00          | -26.18      | peak   |
| 2   | 10514.500       | 49.48          | 12.52          | 62.00           | 74.00          | -12.00      | peak   |
| 3   | 10514.500       | 36.74          | 12.52          | 49.26           | 54.00          | -4.74       | AVG    |
| 4   | 11735.500       | 35.25          | 17.01          | 52.26           | 74.00          | -21.74      | peak   |
| 5   | 13644.000       | 33.99          | 18.46          | 52.45           | 74.00          | -21.55      | peak   |
| 6   | 15778.000       | 35.13          | 14.47          | 49.60           | 74.00          | -24.40      | peak   |
| 7   | 17213.500       | 31.33          | 19.75          | 51.08           | 74.00          | -22.92      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8413.500        | 40.30          | 7.89           | 48.19           | 74.00          | -25.81      | peak   |
| 2   | 10525.500       | 49.84          | 12.58          | 62.42           | 74.00          | -11.58      | peak   |
| 3   | 10525.500       | 36.74          | 12.58          | 49.32           | 54.00          | -4.68       | AVG    |
| 4   | 11834.500       | 35.47          | 17.29          | 52.76           | 74.00          | -21.24      | peak   |
| 5   | 13974.000       | 33.25          | 18.58          | 51.83           | 74.00          | -22.17      | peak   |
| 6   | 15783.500       | 36.51          | 14.46          | 50.97           | 74.00          | -23.03      | peak   |
| 7   | 17961.500       | 28.89          | 23.27          | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

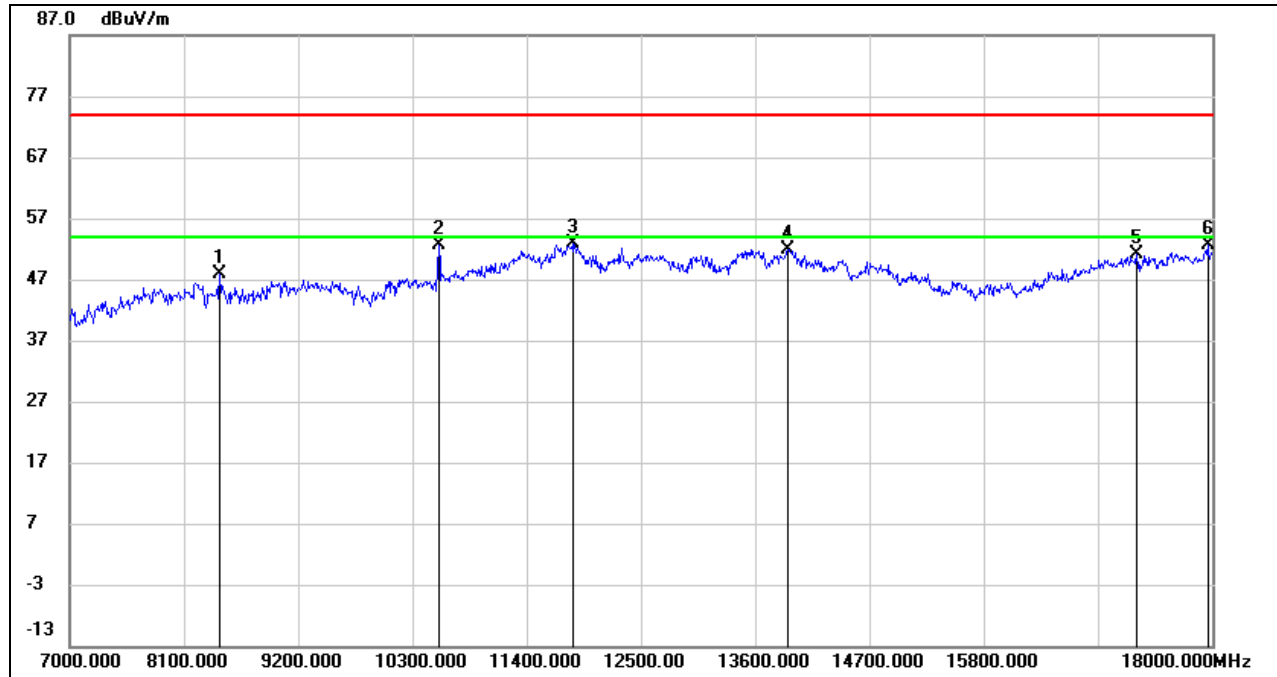
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8446.500        | 39.99          | 7.87           | 47.86           | 74.00          | -26.14      | peak   |
| 2   | 10558.500       | 39.93          | 12.74          | 52.67           | 74.00          | -21.33      | peak   |
| 3   | 11840.000       | 35.49          | 17.29          | 52.78           | 74.00          | -21.22      | peak   |
| 4   | 13919.000       | 33.30          | 18.64          | 51.94           | 74.00          | -22.06      | peak   |
| 5   | 17279.500       | 31.24          | 19.78          | 51.02           | 74.00          | -22.98      | peak   |
| 6   | 17961.500       | 29.29          | 23.27          | 52.56           | 74.00          | -21.44      | 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.

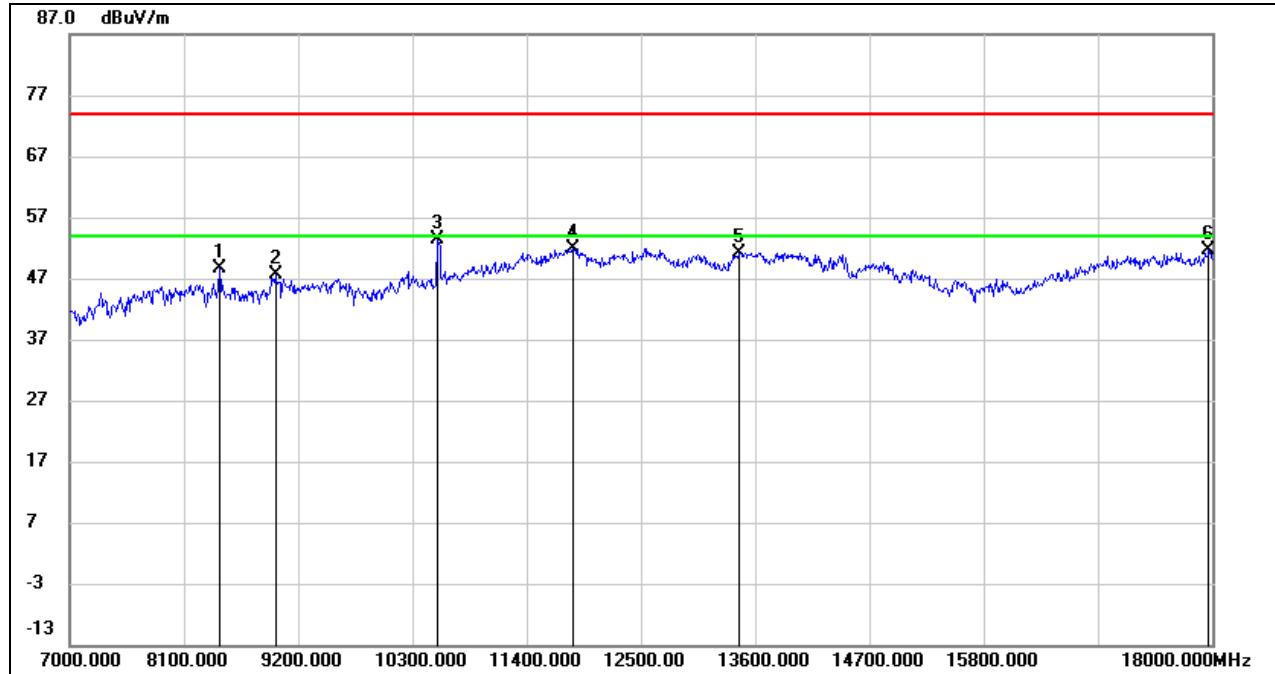
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**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   | 8446.500        | 40.82          | 7.87           | 48.69           | 74.00          | -25.31      | peak   |
| 2   | 8985.500        | 37.75          | 9.97           | 47.72           | 74.00          | -26.28      | peak   |
| 3   | 10547.500       | 40.75          | 12.68          | 53.43           | 74.00          | -20.57      | peak   |
| 4   | 11840.000       | 34.67          | 17.29          | 51.96           | 74.00          | -22.04      | peak   |
| 5   | 13446.000       | 32.92          | 18.30          | 51.22           | 74.00          | -22.78      | peak   |
| 6   | 17967.000       | 28.25          | 23.28          | 51.53           | 74.00          | -22.47      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

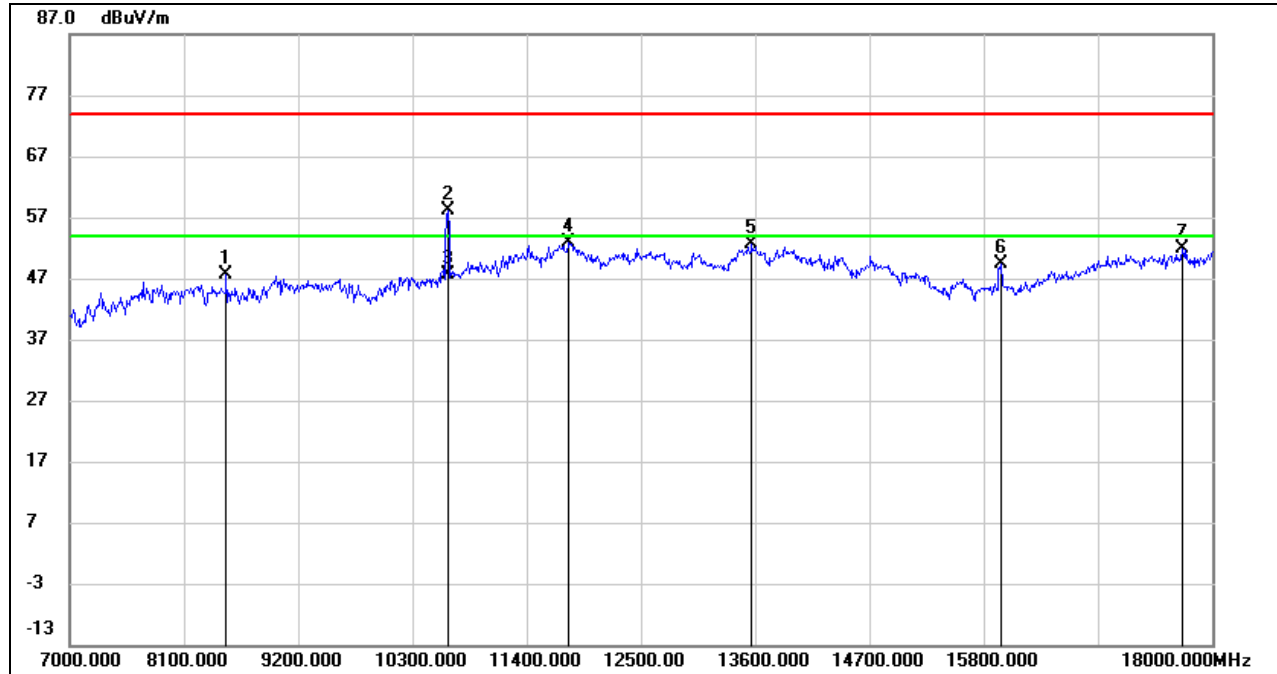
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8512.500        | 39.72          | 7.83           | 47.55           | 74.00          | -26.45      | peak   |
| 2   | 10641.000       | 45.12          | 13.04          | 58.16           | 74.00          | -15.84      | peak   |
| 3   | 10641.000       | 34.65          | 13.04          | 47.69           | 54.00          | -6.31       | AVG    |
| 4   | 11807.000       | 35.51          | 17.35          | 52.86           | 74.00          | -21.14      | peak   |
| 5   | 13567.000       | 34.30          | 18.38          | 52.68           | 74.00          | -21.32      | peak   |
| 6   | 15965.000       | 34.81          | 14.52          | 49.33           | 74.00          | -24.67      | peak   |
| 7   | 17719.500       | 29.79          | 22.01          | 51.80           | 74.00          | -22.20      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

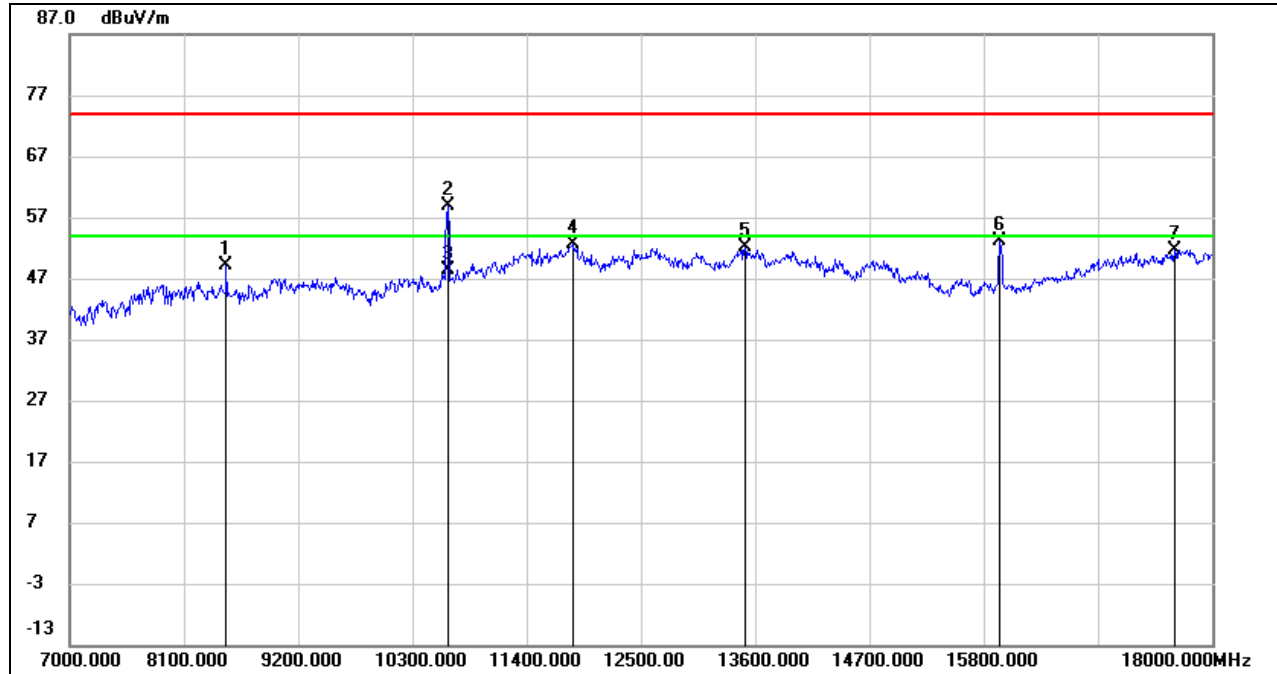
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

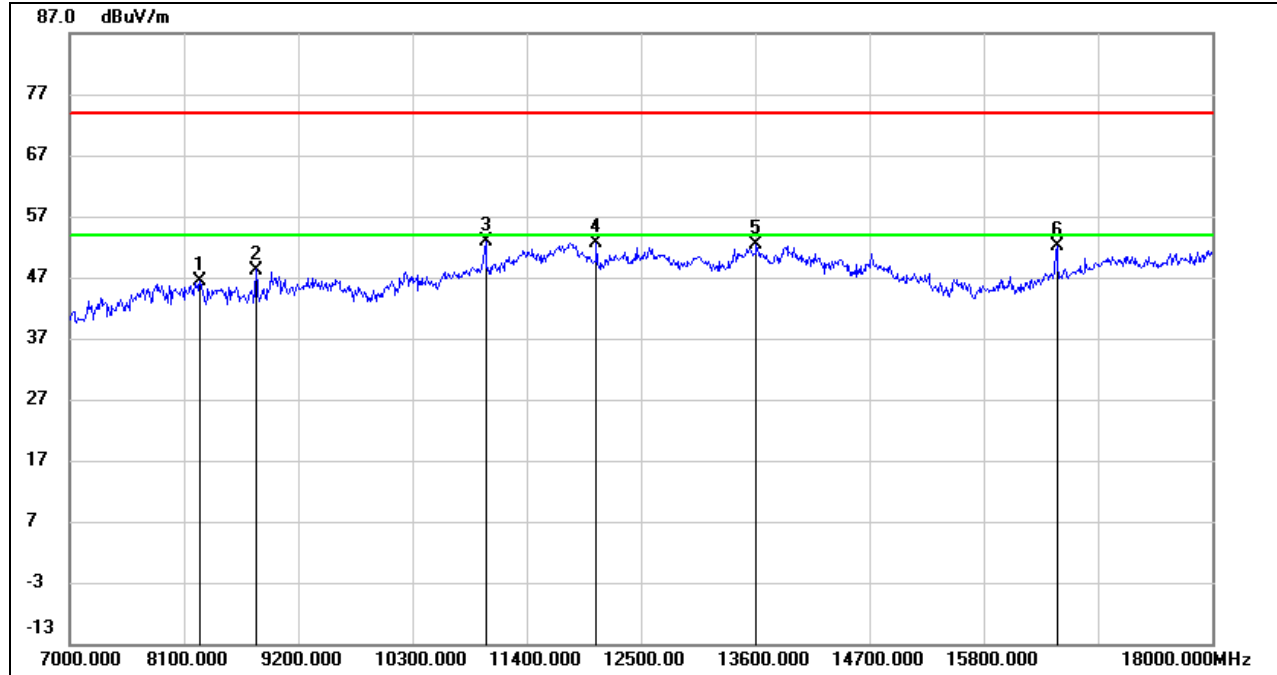


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8507.000        | 41.22          | 7.84           | 49.06           | 74.00          | -24.94      | peak   |
| 2   | 10641.000       | 45.81          | 13.04          | 58.85           | 74.00          | -15.15      | peak   |
| 3   | 10641.000       | 35.29          | 13.04          | 48.33           | 54.00          | -5.67       | AVG    |
| 4   | 11840.000       | 35.25          | 17.29          | 52.54           | 74.00          | -21.46      | peak   |
| 5   | 13506.500       | 33.60          | 18.41          | 52.01           | 74.00          | -21.99      | peak   |
| 6   | 15959.500       | 38.64          | 14.52          | 53.16           | 74.00          | -20.84      | peak   |
| 7   | 17642.500       | 30.56          | 21.19          | 51.75           | 74.00          | -22.25      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2C BAND- FPC ANTENNA

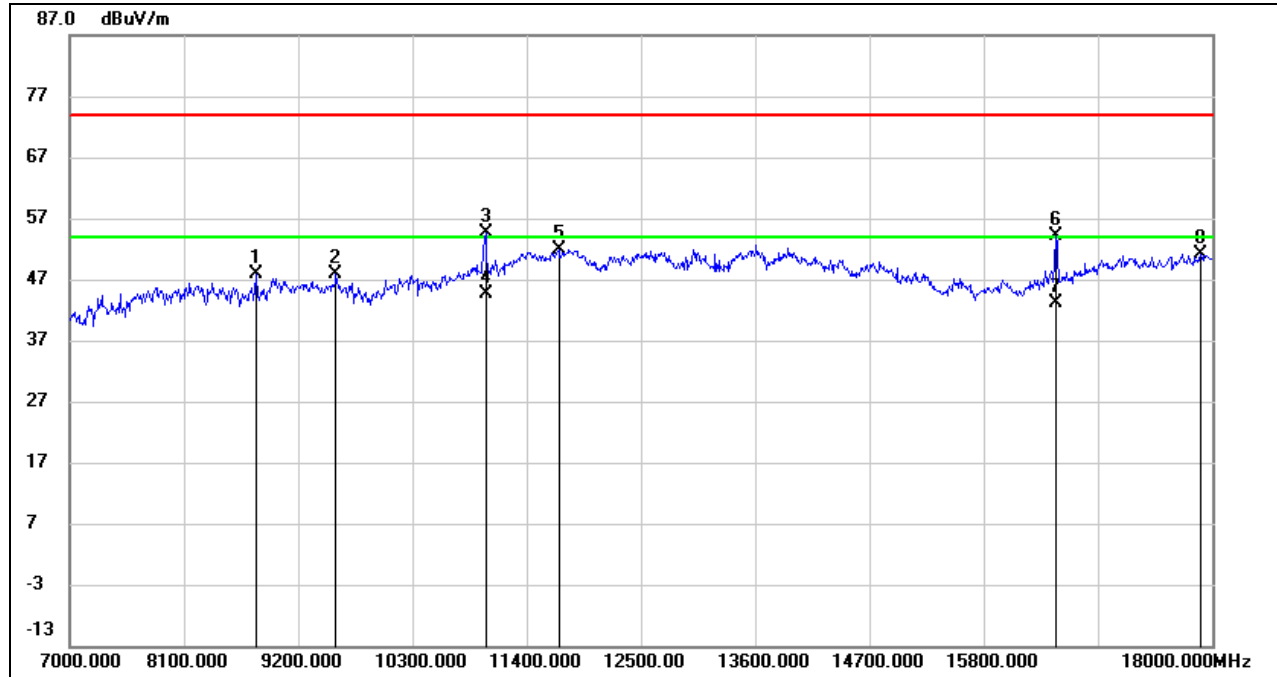
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8259.500        | 37.81          | 8.48           | 46.29           | 74.00          | -27.71      | peak   |
| 2   | 8798.500        | 40.31          | 7.94           | 48.25           | 74.00          | -25.75      | peak   |
| 3   | 11004.000       | 38.65          | 14.17          | 52.82           | 74.00          | -21.18      | peak   |
| 4   | 12071.000       | 35.83          | 16.89          | 52.72           | 74.00          | -21.28      | peak   |
| 5   | 13616.500       | 33.88          | 18.40          | 52.28           | 74.00          | -21.72      | peak   |
| 6   | 16509.500       | 35.33          | 16.78          | 52.11           | 74.00          | -21.89      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8798.500        | 39.92          | 7.94           | 47.86           | 74.00          | -26.14      | peak   |
| 2   | 9563.000        | 37.47          | 10.44          | 47.91           | 74.00          | -26.09      | peak   |
| 3   | 11004.000       | 40.55          | 14.17          | 54.72           | 74.00          | -19.28      | peak   |
| 4   | 11004.000       | 30.45          | 14.17          | 44.62           | 54.00          | -9.38       | AVG    |
| 5   | 11708.000       | 35.05          | 16.87          | 51.92           | 74.00          | -22.08      | peak   |
| 6   | 16498.500       | 37.50          | 16.72          | 54.22           | 74.00          | -19.78      | peak   |
| 7   | 16498.500       | 26.44          | 16.72          | 43.16           | 54.00          | -10.84      | AVG    |
| 8   | 17890.000       | 28.04          | 23.09          | 51.13           | 74.00          | -22.87      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

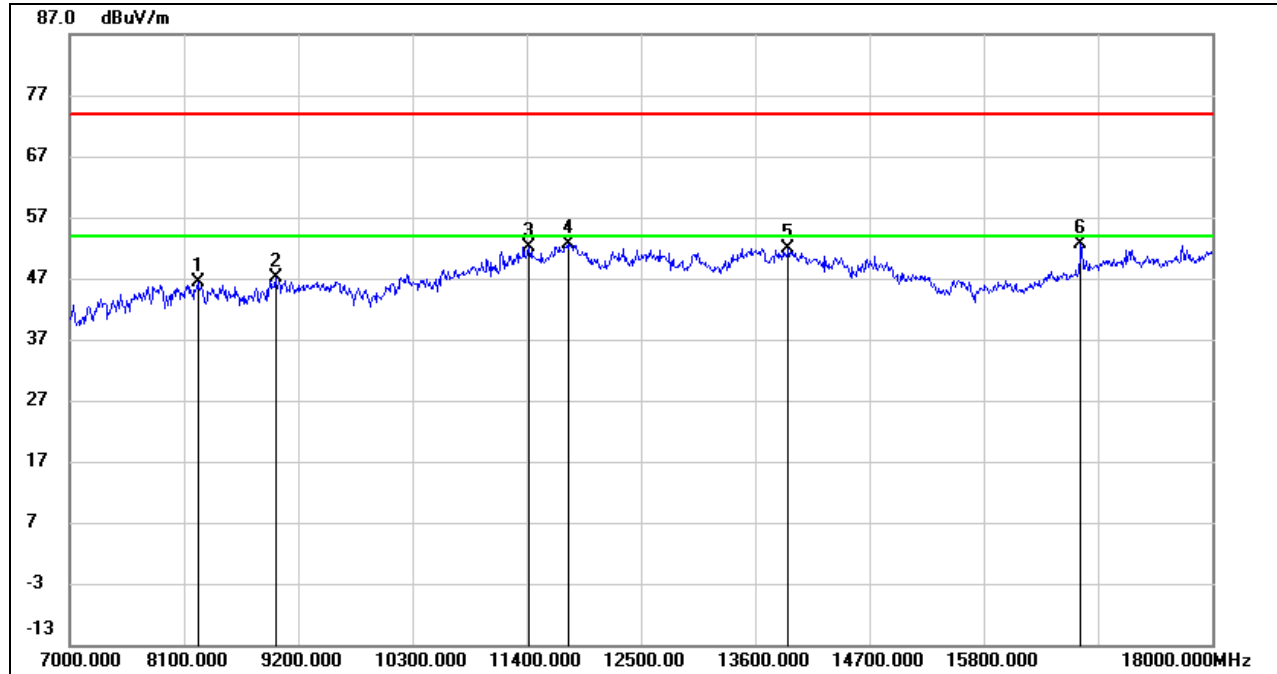
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8237.500        | 37.77          | 8.56           | 46.33           | 74.00          | -27.67      | peak   |
| 2   | 8985.500        | 37.06          | 9.97           | 47.03           | 74.00          | -26.97      | peak   |
| 3   | 11422.000       | 36.28          | 15.91          | 52.19           | 74.00          | -21.81      | peak   |
| 4   | 11796.000       | 35.19          | 17.33          | 52.52           | 74.00          | -21.48      | peak   |
| 5   | 13919.000       | 33.21          | 18.64          | 51.85           | 74.00          | -22.15      | peak   |
| 6   | 16740.500       | 35.15          | 17.60          | 52.75           | 74.00          | -21.25      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

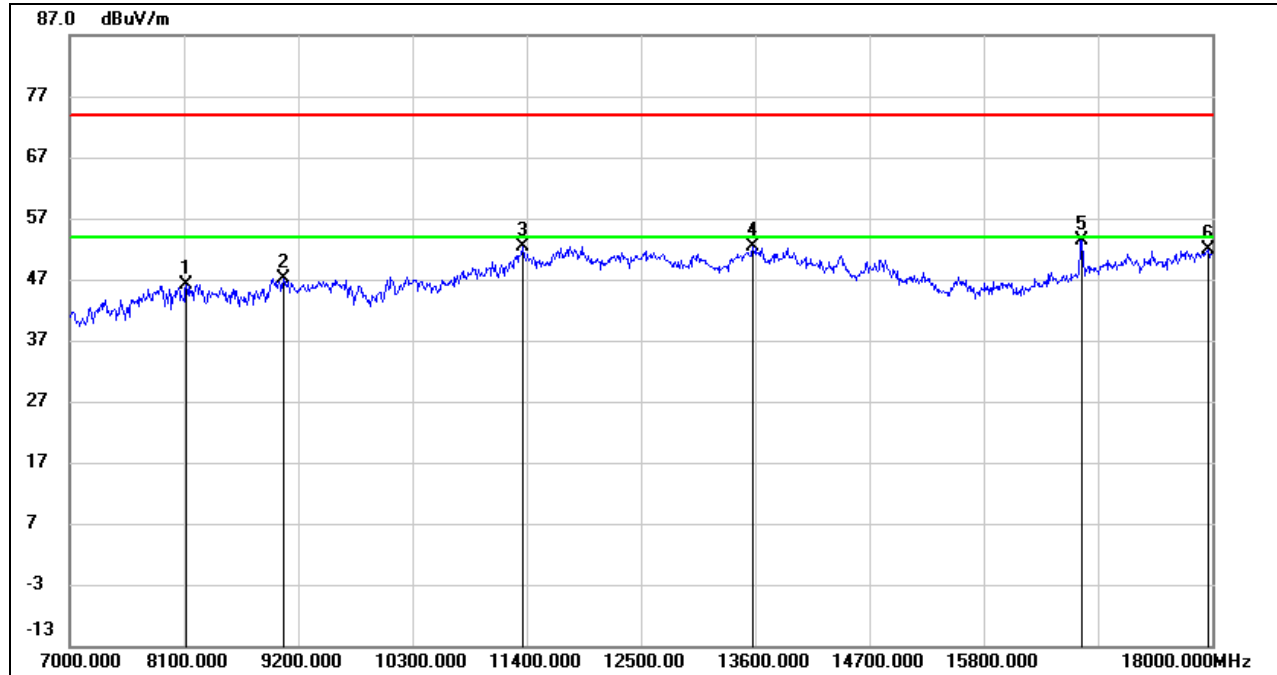
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8127.500        | 37.98          | 8.12           | 46.10           | 74.00          | -27.90      | peak   |
| 2   | 9062.500        | 37.38          | 9.76           | 47.14           | 74.00          | -26.86      | peak   |
| 3   | 11367.000       | 36.77          | 15.67          | 52.44           | 74.00          | -21.56      | peak   |
| 4   | 13578.000       | 34.04          | 18.38          | 52.42           | 74.00          | -21.58      | peak   |
| 5   | 16746.000       | 35.77          | 17.62          | 53.39           | 74.00          | -20.61      | peak   |
| 6   | 17972.500       | 28.67          | 23.30          | 51.97           | 74.00          | -22.03      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

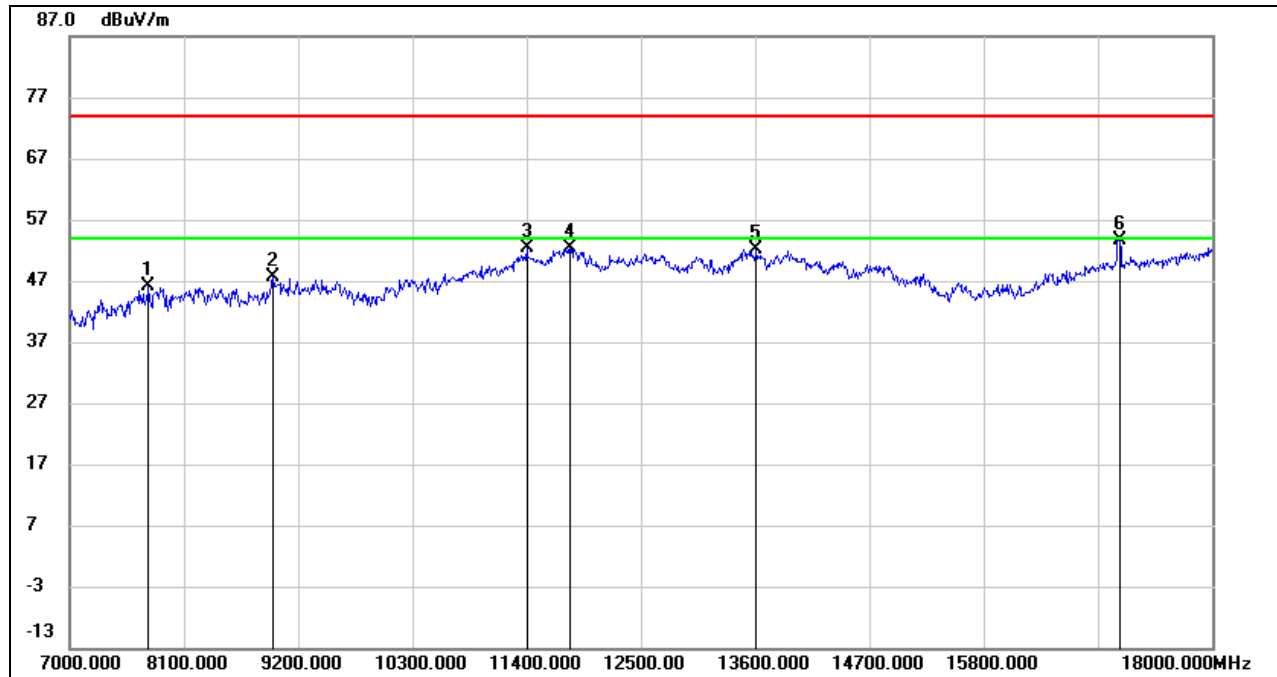
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

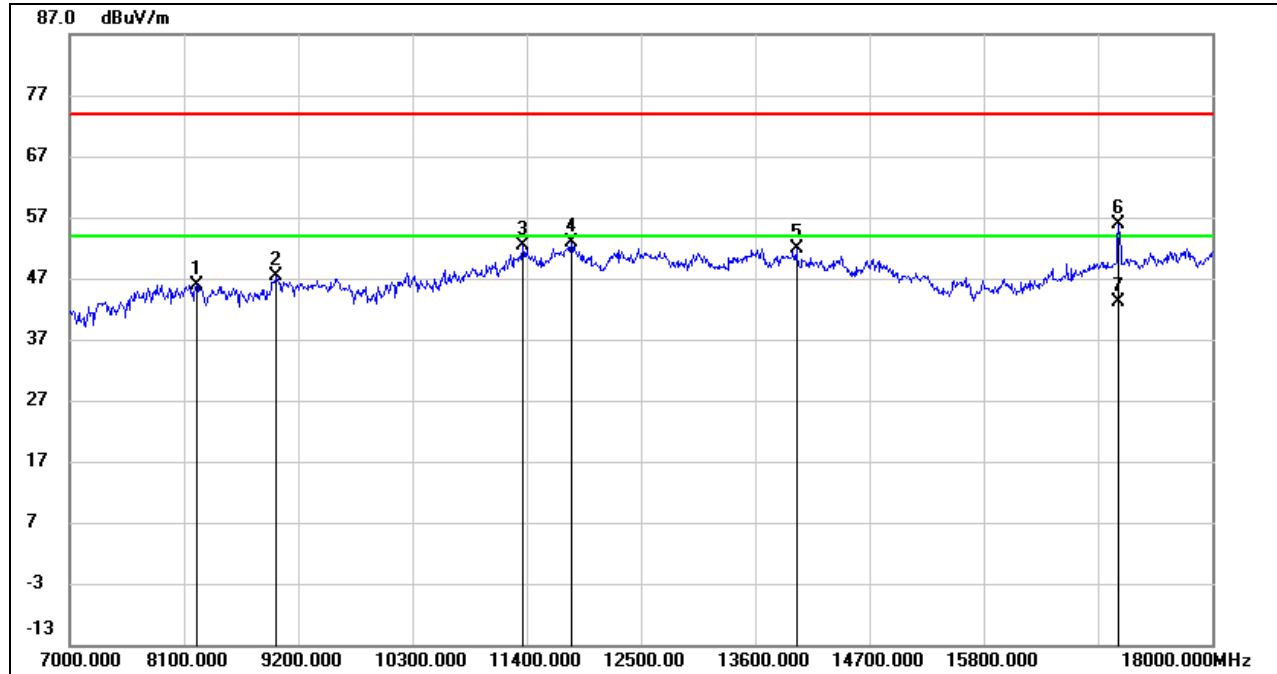
## HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7759.000        | 38.62          | 7.45           | 46.07           | 74.00          | -27.93      | peak   |
| 2   | 8963.500        | 37.85          | 9.73           | 47.58           | 74.00          | -26.42      | peak   |
| 3   | 11405.500       | 36.57          | 15.85          | 52.42           | 74.00          | -21.58      | peak   |
| 4   | 11818.000       | 35.03          | 17.31          | 52.34           | 74.00          | -21.66      | peak   |
| 5   | 13616.500       | 33.65          | 18.40          | 52.05           | 74.00          | -21.95      | peak   |
| 6   | 17109.000       | 34.51          | 19.19          | 53.70           | 74.00          | -20.30      | 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.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8221.000        | 37.29          | 8.63           | 45.92           | 74.00          | -28.08      | peak   |
| 2   | 8991.000        | 37.29          | 10.03          | 47.32           | 74.00          | -26.68      | peak   |
| 3   | 11356.000       | 36.83          | 15.64          | 52.47           | 74.00          | -21.53      | peak   |
| 4   | 11834.500       | 35.48          | 17.29          | 52.77           | 74.00          | -21.23      | peak   |
| 5   | 14001.500       | 33.41          | 18.54          | 51.95           | 74.00          | -22.05      | peak   |
| 6   | 17103.500       | 36.67          | 19.16          | 55.83           | 74.00          | -18.17      | peak   |
| 7   | 17103.500       | 24.07          | 19.16          | 43.23           | 54.00          | -10.77      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

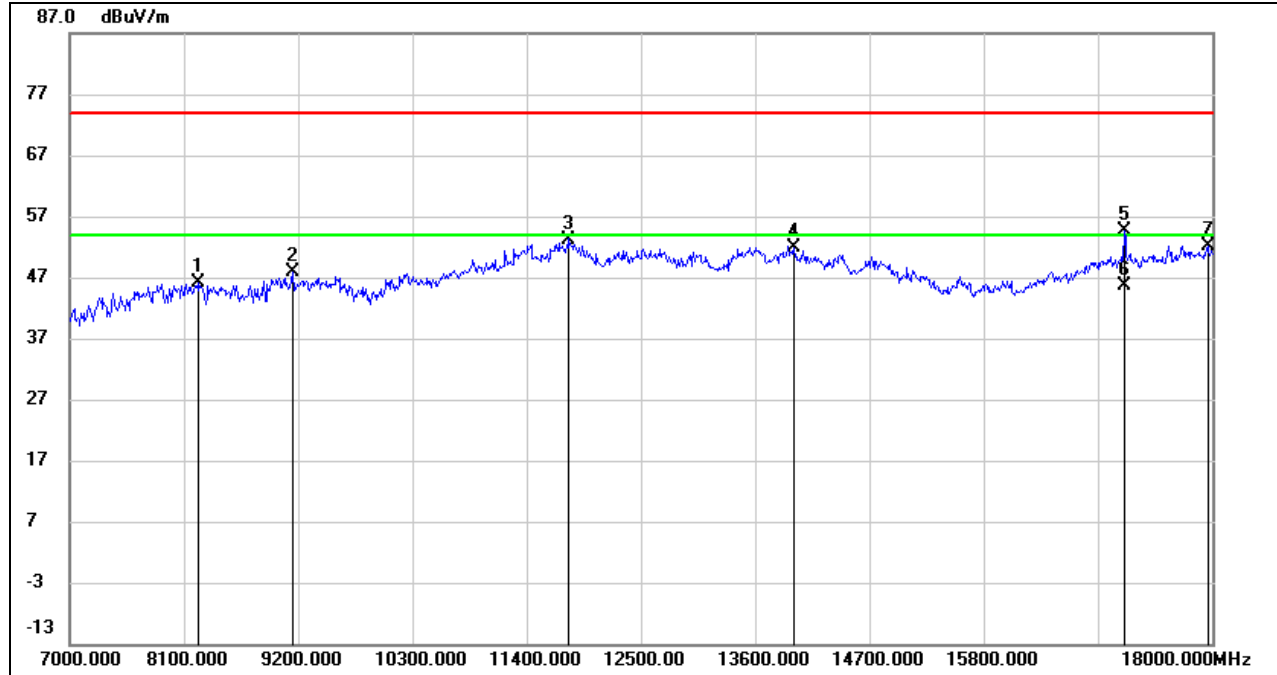
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

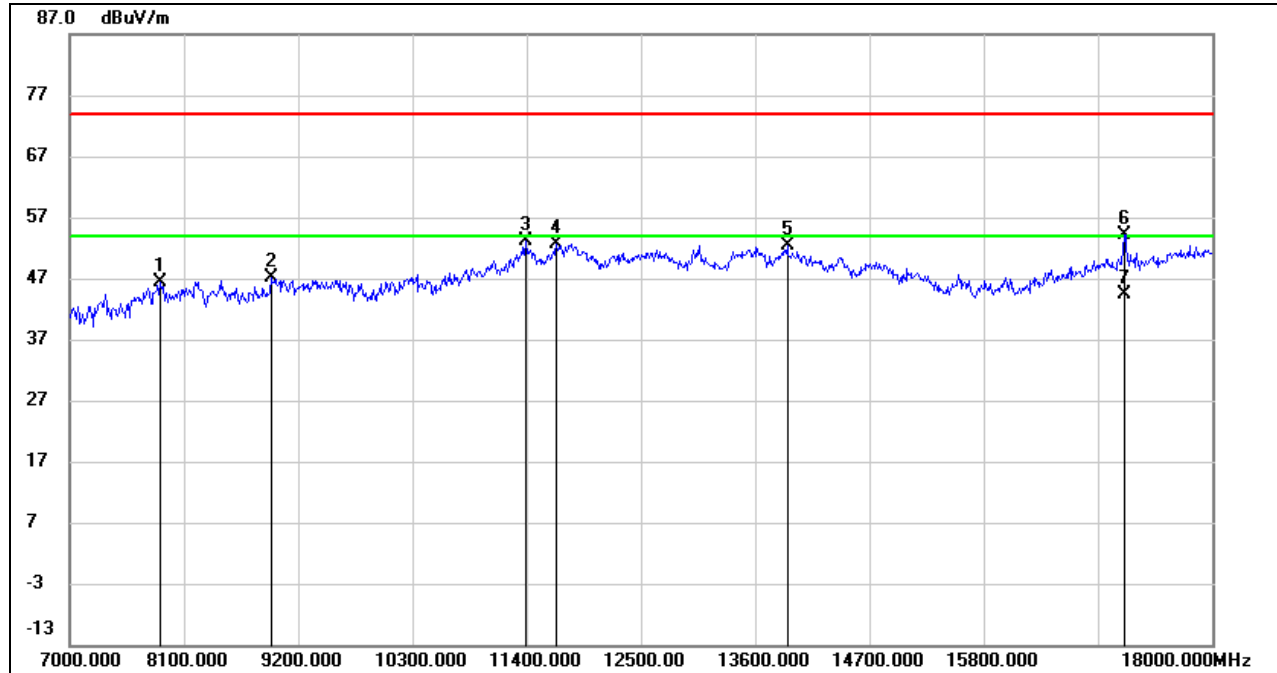
## STRADDLE CHANNEL 144 – FPC ANTENNA

### HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8232.000           | 37.61             | 8.59              | 46.20              | 74.00             | -27.80         | peak   |
| 2   | 9150.500           | 38.71             | 9.23              | 47.94              | 74.00             | -26.06         | peak   |
| 3   | 11807.000          | 35.90             | 17.35             | 53.25              | 74.00             | -20.75         | peak   |
| 4   | 13974.000          | 33.19             | 18.58             | 51.77              | 74.00             | -22.23         | peak   |
| 5   | 17158.500          | 35.08             | 19.49             | 54.57              | 74.00             | -19.43         | peak   |
| 6   | 17158.500          | 26.16             | 19.49             | 45.65              | 54.00             | -8.35          | AVG    |
| 7   | 17956.000          | 28.89             | 23.26             | 52.15              | 74.00             | -21.85         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7874.500        | 39.03          | 7.40           | 46.43           | 74.00          | -27.57      | peak   |
| 2   | 8936.000        | 37.77          | 9.43           | 47.20           | 74.00          | -26.80      | peak   |
| 3   | 11394.500       | 37.29          | 15.81          | 53.10           | 74.00          | -20.90      | peak   |
| 4   | 11691.500       | 35.93          | 16.77          | 52.70           | 74.00          | -21.30      | peak   |
| 5   | 13913.500       | 33.77          | 18.65          | 52.42           | 74.00          | -21.58      | peak   |
| 6   | 17158.500       | 34.68          | 19.49          | 54.17           | 74.00          | -19.83      | peak   |
| 7   | 17158.500       | 24.86          | 19.49          | 44.35           | 54.00          | -9.65       | 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.

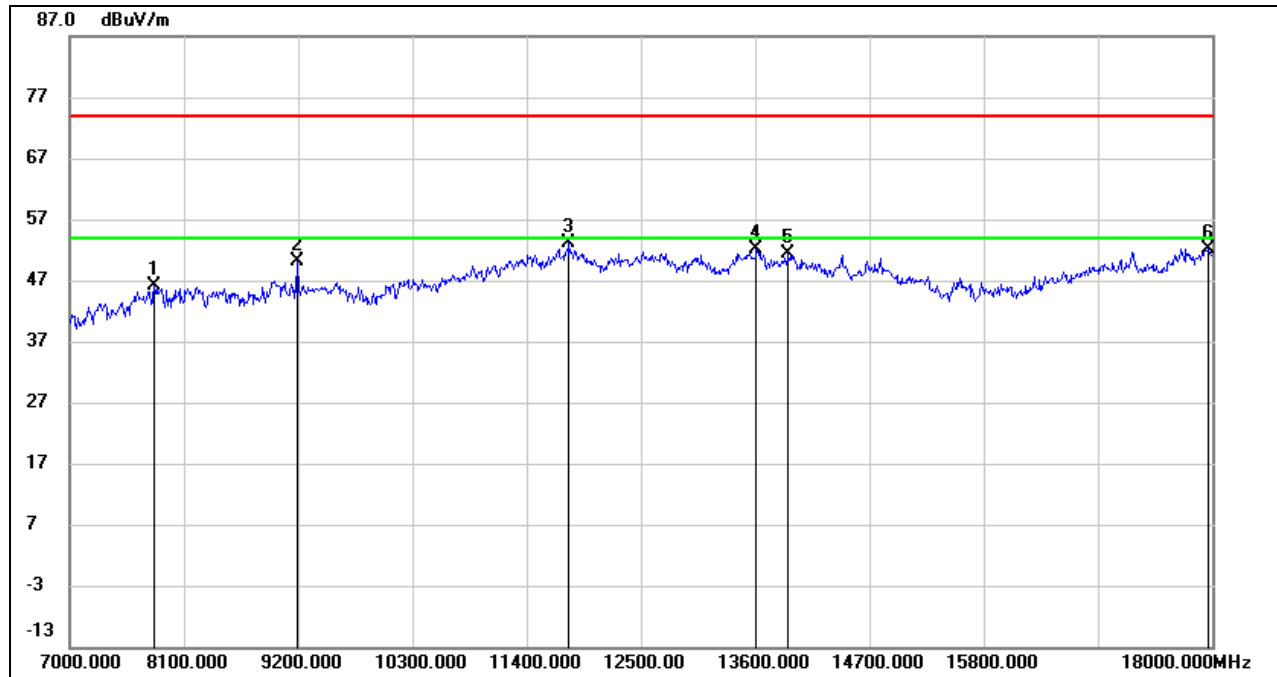
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**UNII-3 BAND – FPC ANTENNA****HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 7819.500           | 38.49             | 7.56              | 46.05              | 74.00             | -27.95         | peak   |
| 2   | 9189.000           | 41.04             | 9.01              | 50.05              | 74.00             | -23.95         | peak   |
| 3   | 11812.500          | 35.80             | 17.33             | 53.13              | 74.00             | -20.87         | peak   |
| 4   | 13611.000          | 33.76             | 18.39             | 52.15              | 74.00             | -21.85         | peak   |
| 5   | 13924.500          | 32.83             | 18.64             | 51.47              | 74.00             | -22.53         | peak   |
| 6   | 17967.000          | 28.95             | 23.28             | 52.23              | 74.00             | -21.77         | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

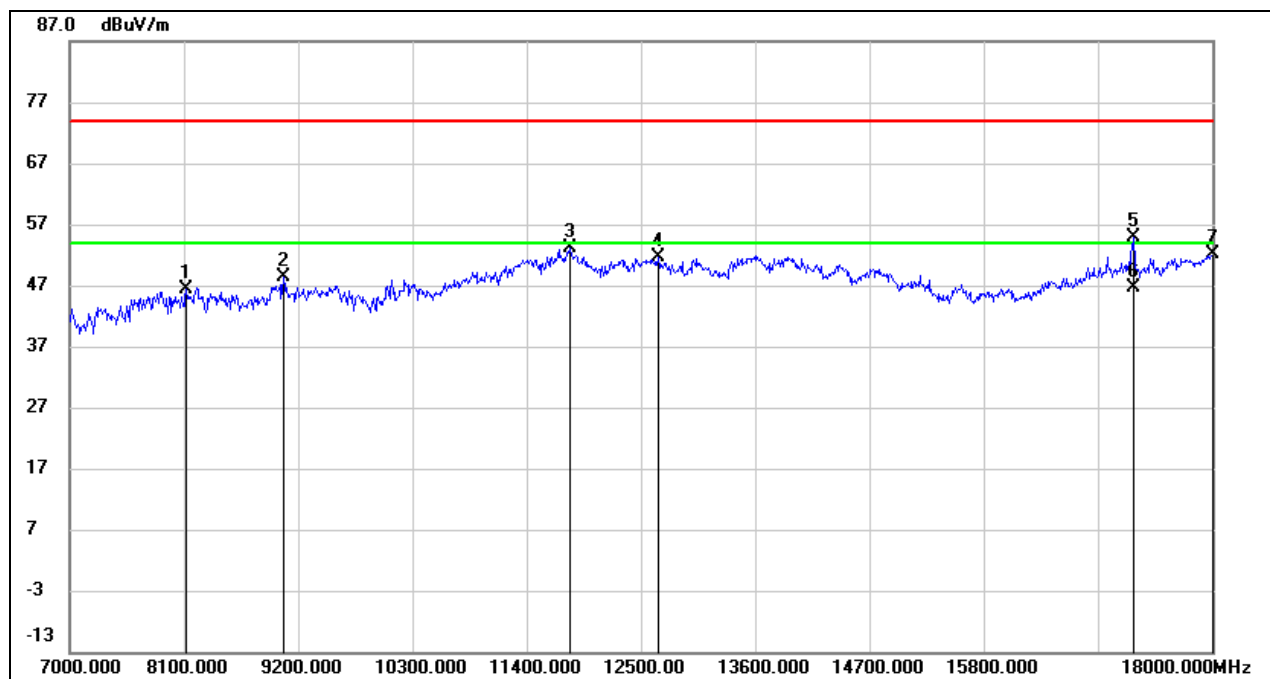
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

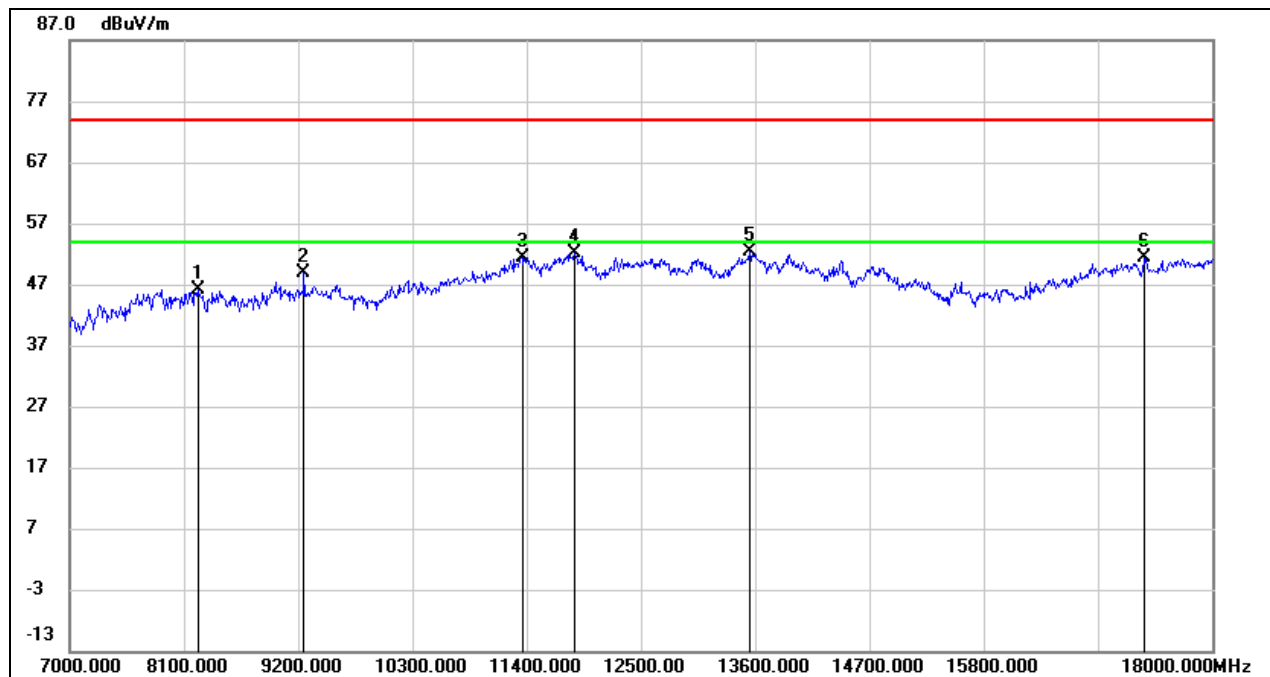
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8122.000        | 38.32          | 8.07           | 46.39           | 74.00          | -27.61      | peak   |
| 2   | 9062.500        | 38.54          | 9.76           | 48.30           | 74.00          | -25.70      | peak   |
| 3   | 11818.000       | 35.78          | 17.31          | 53.09           | 74.00          | -20.91      | peak   |
| 4   | 12665.000       | 34.83          | 16.78          | 51.61           | 74.00          | -22.39      | peak   |
| 5   | 17246.500       | 35.18          | 19.76          | 54.94           | 74.00          | -19.06      | peak   |
| 6   | 17246.500       | 26.86          | 19.76          | 46.62           | 54.00          | -7.38       | AVG    |
| 7   | 18000.000       | 28.64          | 23.37          | 52.01           | 74.00          | -21.99      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

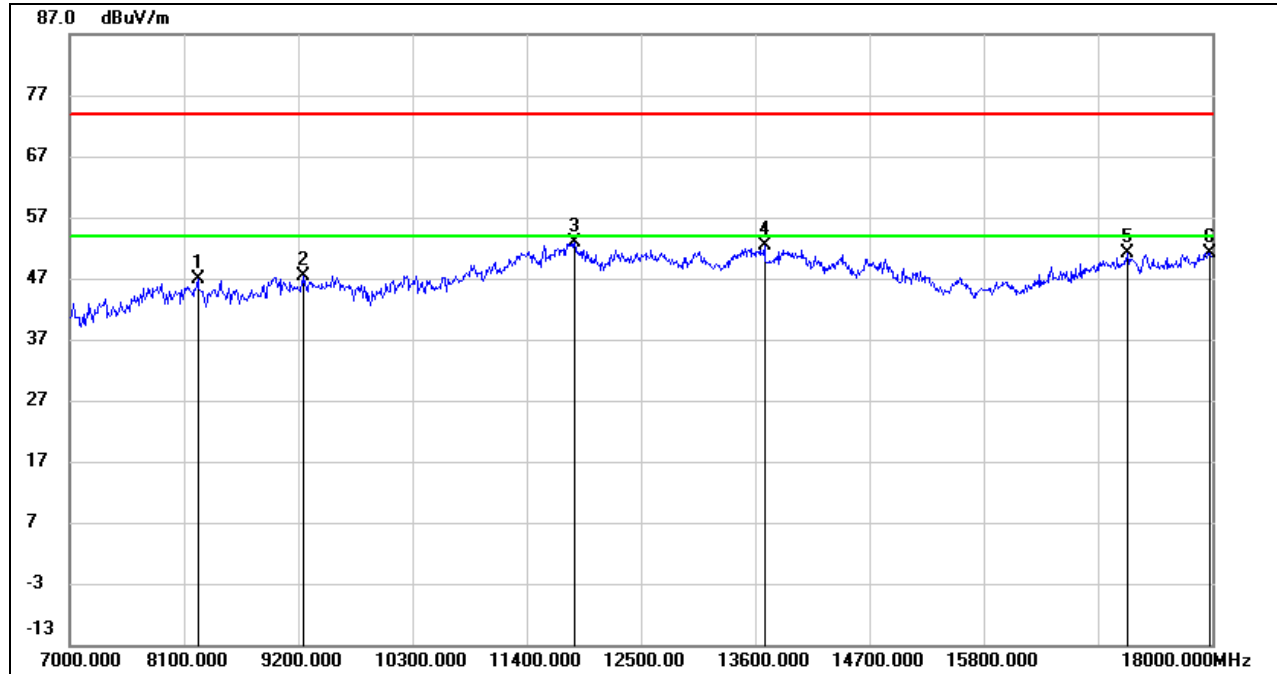
### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8237.500           | 37.52             | 8.56              | 46.08              | 74.00             | -27.92         | peak   |
| 2   | 9255.000           | 39.50             | 9.27              | 48.77              | 74.00             | -25.23         | peak   |
| 3   | 11356.000          | 35.70             | 15.64             | 51.34              | 74.00             | -22.66         | peak   |
| 4   | 11862.000          | 34.76             | 17.25             | 52.01              | 74.00             | -21.99         | peak   |
| 5   | 13545.000          | 33.90             | 18.39             | 52.29              | 74.00             | -21.71         | peak   |
| 6   | 17356.500          | 31.67             | 19.81             | 51.48              | 74.00             | -22.52         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8232.000        | 38.35          | 8.59           | 46.94           | 74.00          | -27.06      | peak   |
| 2   | 9255.000        | 38.18          | 9.27           | 47.45           | 74.00          | -26.55      | peak   |
| 3   | 11867.500       | 35.52          | 17.24          | 52.76           | 74.00          | -21.24      | peak   |
| 4   | 13693.500       | 33.92          | 18.56          | 52.48           | 74.00          | -21.52      | peak   |
| 5   | 17186.000       | 31.37          | 19.65          | 51.02           | 74.00          | -22.98      | peak   |
| 6   | 17978.000       | 27.83          | 23.32          | 51.15           | 74.00          | -22.85      | peak   |

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

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

3. Peak: Peak detector.

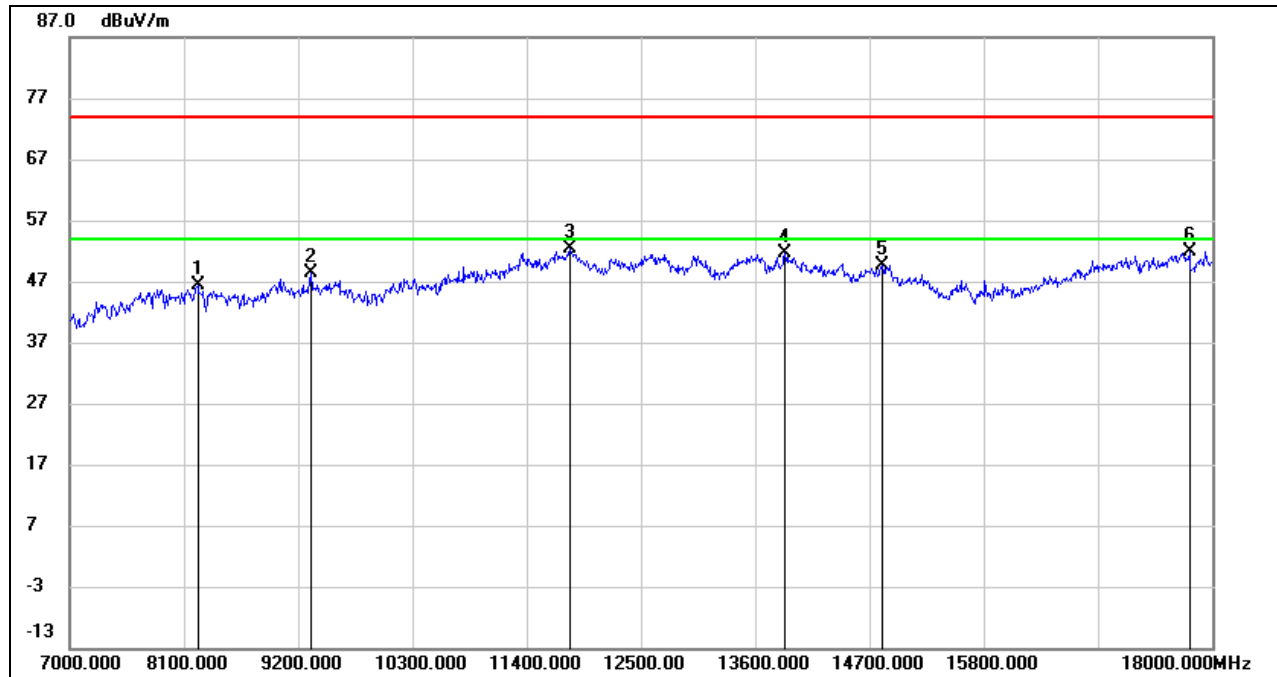
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8232.000           | 37.84             | 8.59              | 46.43              | 74.00             | -27.57         | peak   |
| 2   | 9321.000           | 38.80             | 9.66              | 48.46              | 74.00             | -25.54         | peak   |
| 3   | 11823.500          | 35.05             | 17.32             | 52.37              | 74.00             | -21.63         | peak   |
| 4   | 13886.000          | 32.84             | 18.68             | 51.52              | 74.00             | -22.48         | peak   |
| 5   | 14821.000          | 33.42             | 16.27             | 49.69              | 74.00             | -24.31         | peak   |
| 6   | 17785.500          | 29.16             | 22.70             | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

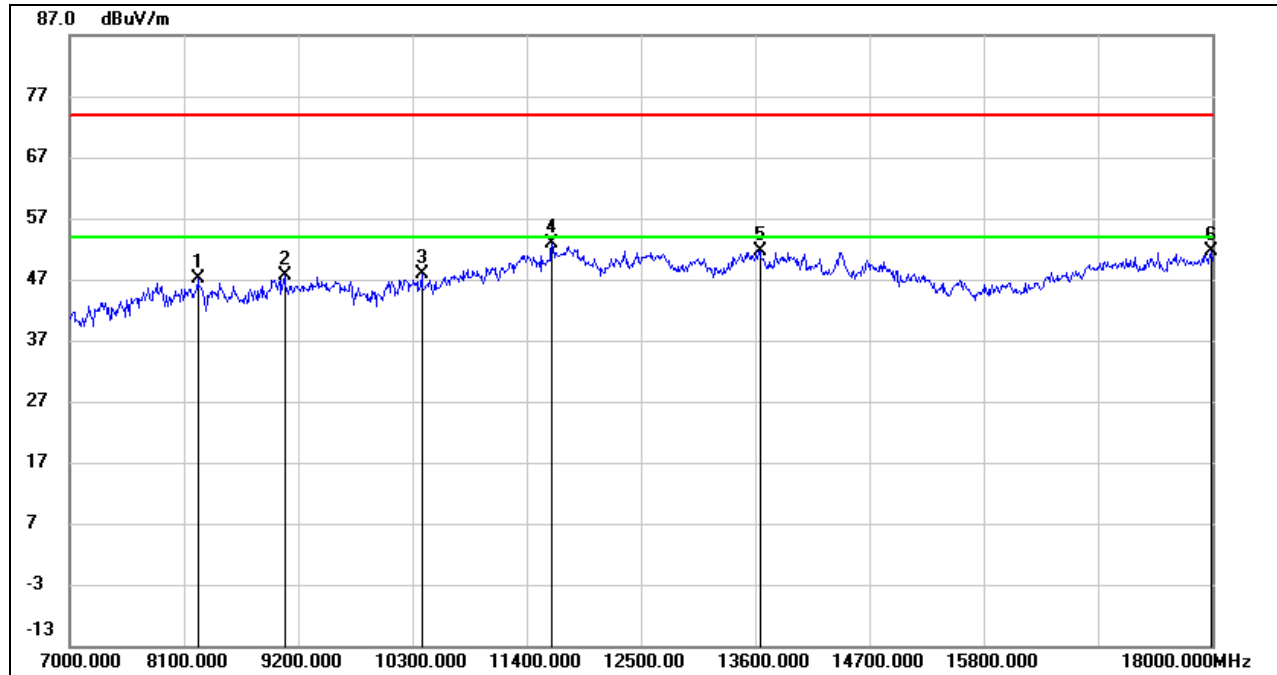
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8237.500        | 38.49          | 8.56           | 47.05           | 74.00          | -26.95      | peak   |
| 2   | 9068.000        | 37.80          | 9.73           | 47.53           | 74.00          | -26.47      | peak   |
| 3   | 10388.000       | 35.90          | 11.93          | 47.83           | 74.00          | -26.17      | peak   |
| 4   | 11647.500       | 36.33          | 16.54          | 52.87           | 74.00          | -21.13      | peak   |
| 5   | 13644.000       | 33.27          | 18.46          | 51.73           | 74.00          | -22.27      | peak   |
| 6   | 17994.500       | 28.19          | 23.36          | 51.55           | 74.00          | -22.45      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

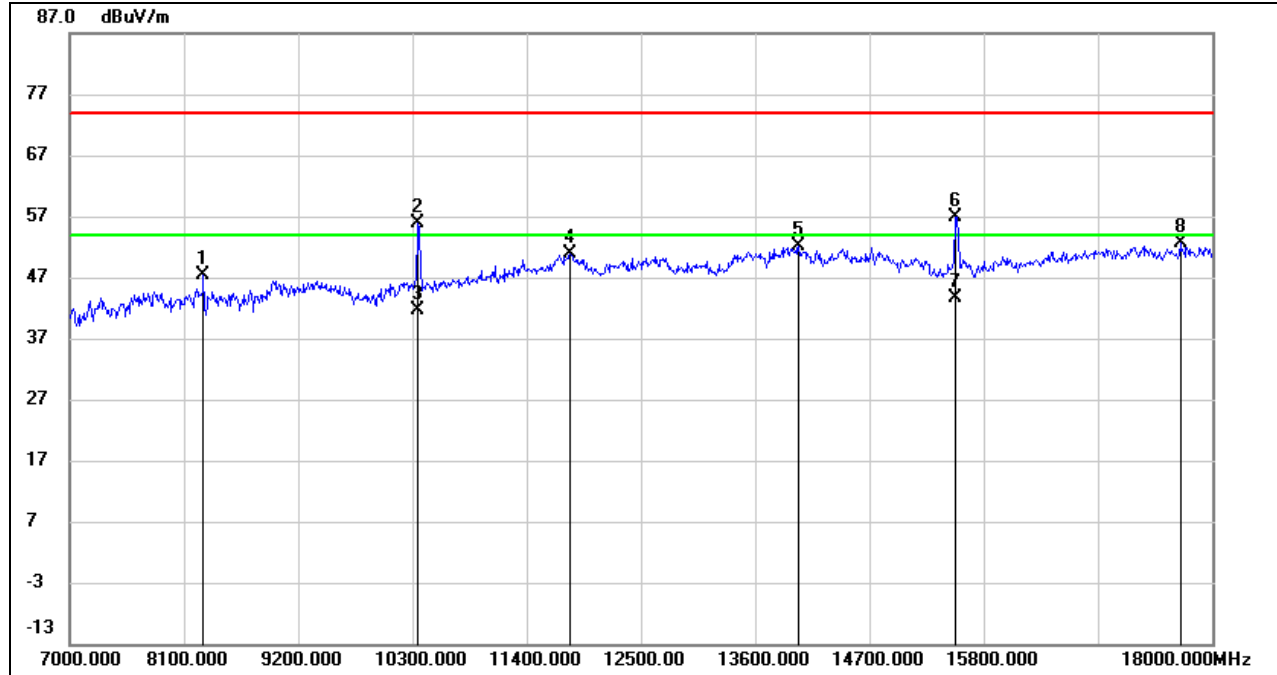
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-1 BAND – PIFA ANTENNA

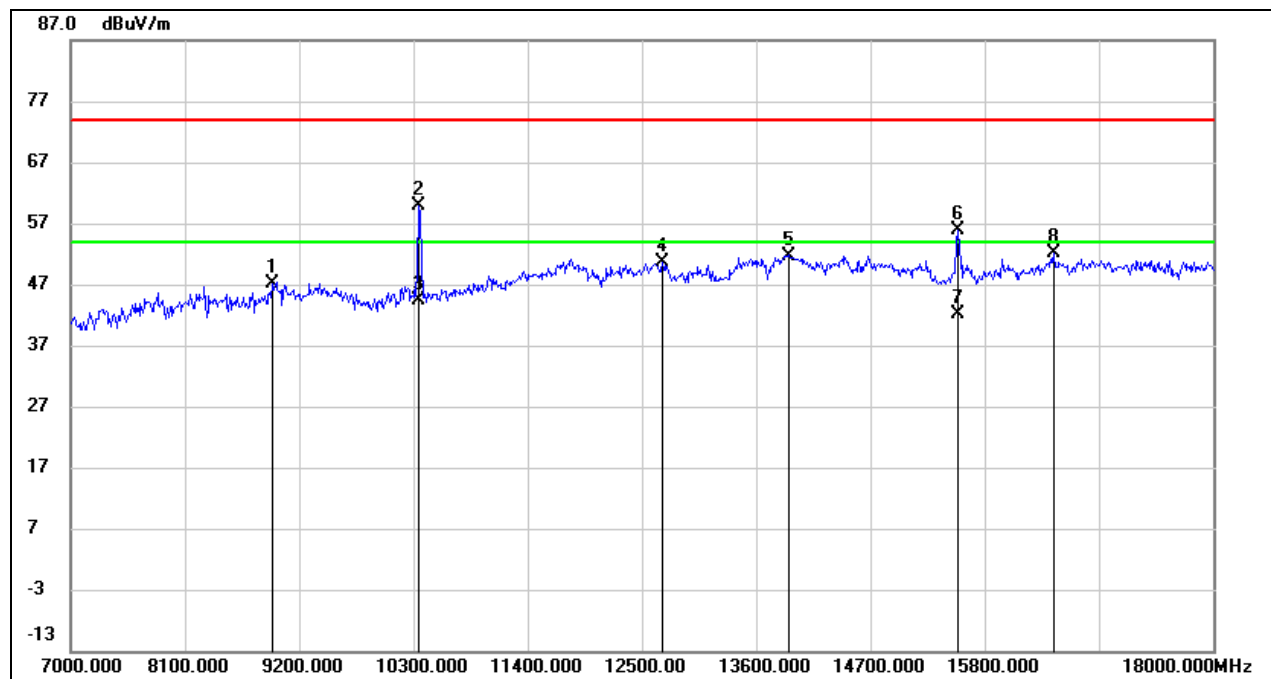
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8287.000        | 39.82          | 7.63           | 47.45           | 74.00          | -26.55      | peak   |
| 2   | 10355.000       | 45.05          | 10.80          | 55.85           | 74.00          | -18.15      | peak   |
| 3   | 10355.000       | 30.83          | 10.80          | 41.63           | 54.00          | -12.37      | AVG    |
| 4   | 11823.500       | 35.44          | 15.47          | 50.91           | 74.00          | -23.09      | peak   |
| 5   | 14023.500       | 33.18          | 18.90          | 52.08           | 74.00          | -21.92      | peak   |
| 6   | 15530.500       | 39.55          | 17.30          | 56.85           | 74.00          | -17.15      | peak   |
| 7   | 15530.500       | 26.45          | 17.30          | 43.75           | 54.00          | -10.25      | AVG    |
| 8   | 17692.000       | 30.33          | 22.22          | 52.55           | 74.00          | -21.45      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8936.000        | 37.74          | 9.29           | 47.03           | 74.00          | -26.97      | peak   |
| 2   | 10355.000       | 49.15          | 10.80          | 59.95           | 74.00          | -14.05      | peak   |
| 3   | 10355.000       | 33.52          | 10.80          | 44.32           | 54.00          | -9.68       | AVG    |
| 4   | 12698.000       | 34.86          | 15.67          | 50.53           | 74.00          | -23.47      | peak   |
| 5   | 13908.000       | 32.93          | 18.82          | 51.75           | 74.00          | -22.25      | peak   |
| 6   | 15541.500       | 38.59          | 17.33          | 55.92           | 74.00          | -18.08      | peak   |
| 7   | 15541.500       | 24.90          | 17.33          | 42.23           | 54.00          | -11.77      | AVG    |
| 8   | 16460.000       | 32.43          | 19.62          | 52.05           | 74.00          | -21.95      | 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.

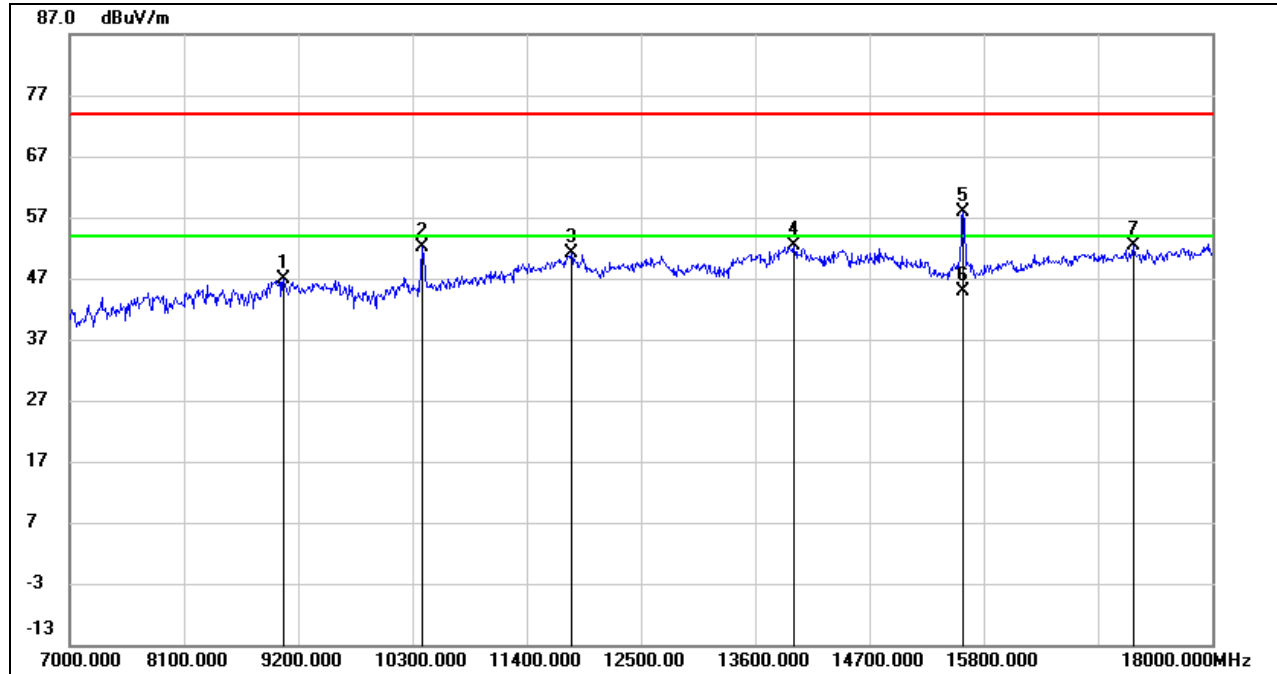
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**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   | 9057.000        | 37.08          | 9.68           | 46.76           | 74.00          | -27.24      | peak   |
| 2   | 10388.000       | 41.12          | 10.89          | 52.01           | 74.00          | -21.99      | peak   |
| 3   | 11834.500       | 35.59          | 15.46          | 51.05           | 74.00          | -22.95      | peak   |
| 4   | 13979.500       | 33.39          | 18.92          | 52.31           | 74.00          | -21.69      | peak   |
| 5   | 15602.000       | 40.50          | 17.48          | 57.98           | 74.00          | -16.02      | peak   |
| 6   | 15602.000       | 27.28          | 17.48          | 44.76           | 54.00          | -9.24       | AVG    |
| 7   | 17241.000       | 30.90          | 21.38          | 52.28           | 74.00          | -21.72      | 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.

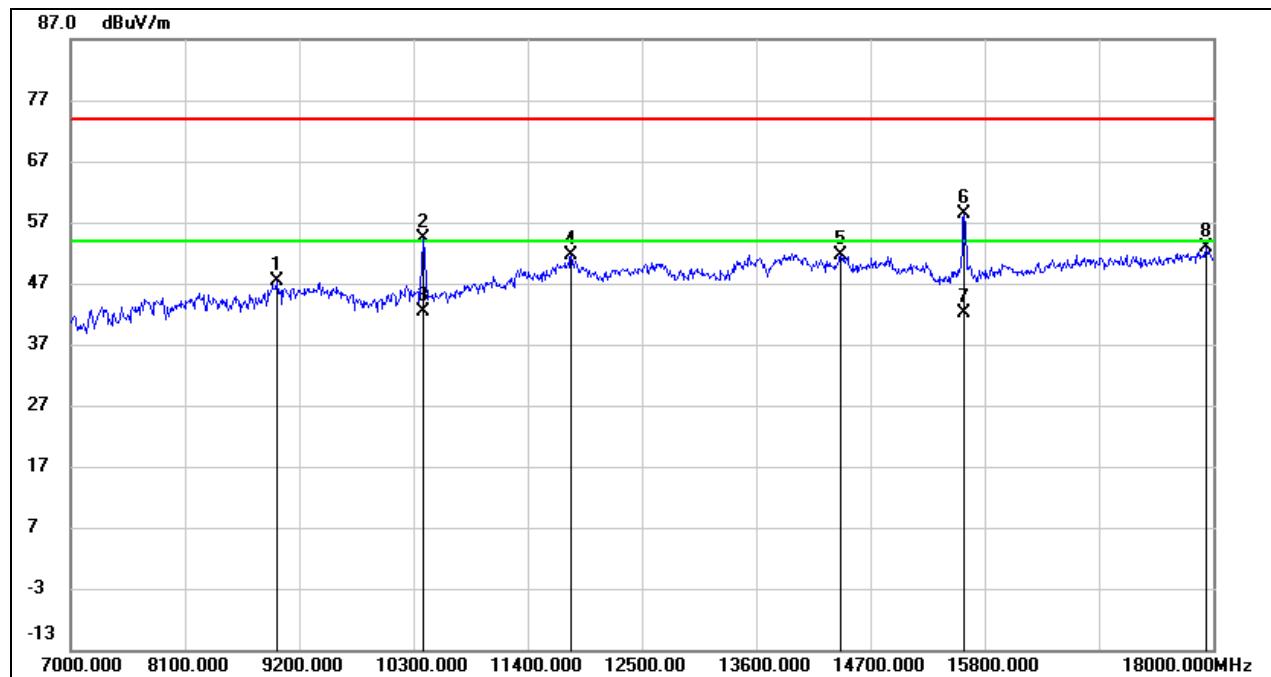
3. Peak: Peak detector.

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.

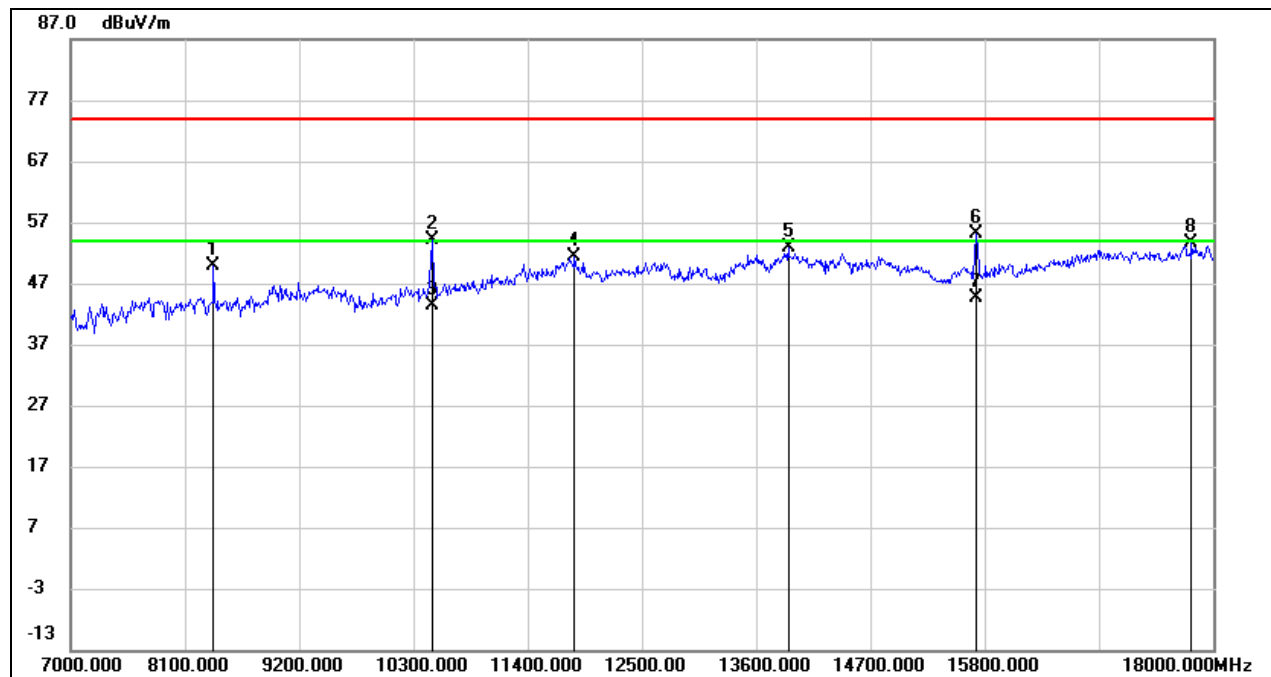
### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8985.500        | 37.63          | 9.86           | 47.49           | 74.00          | -26.51      | peak   |
| 2   | 10399.000       | 43.39          | 10.92          | 54.31           | 74.00          | -19.69      | peak   |
| 3   | 10399.000       | 31.43          | 10.92          | 42.35           | 54.00          | -11.65      | AVG    |
| 4   | 11823.500       | 36.07          | 15.47          | 51.54           | 74.00          | -22.46      | peak   |
| 5   | 14419.500       | 33.28          | 18.31          | 51.59           | 74.00          | -22.41      | peak   |
| 6   | 15607.500       | 40.79          | 17.48          | 58.27           | 74.00          | -15.73      | peak   |
| 7   | 15607.500       | 24.75          | 17.48          | 42.23           | 54.00          | -11.77      | AVG    |
| 8   | 17939.500       | 29.89          | 23.01          | 52.90           | 74.00          | -21.10      | peak   |

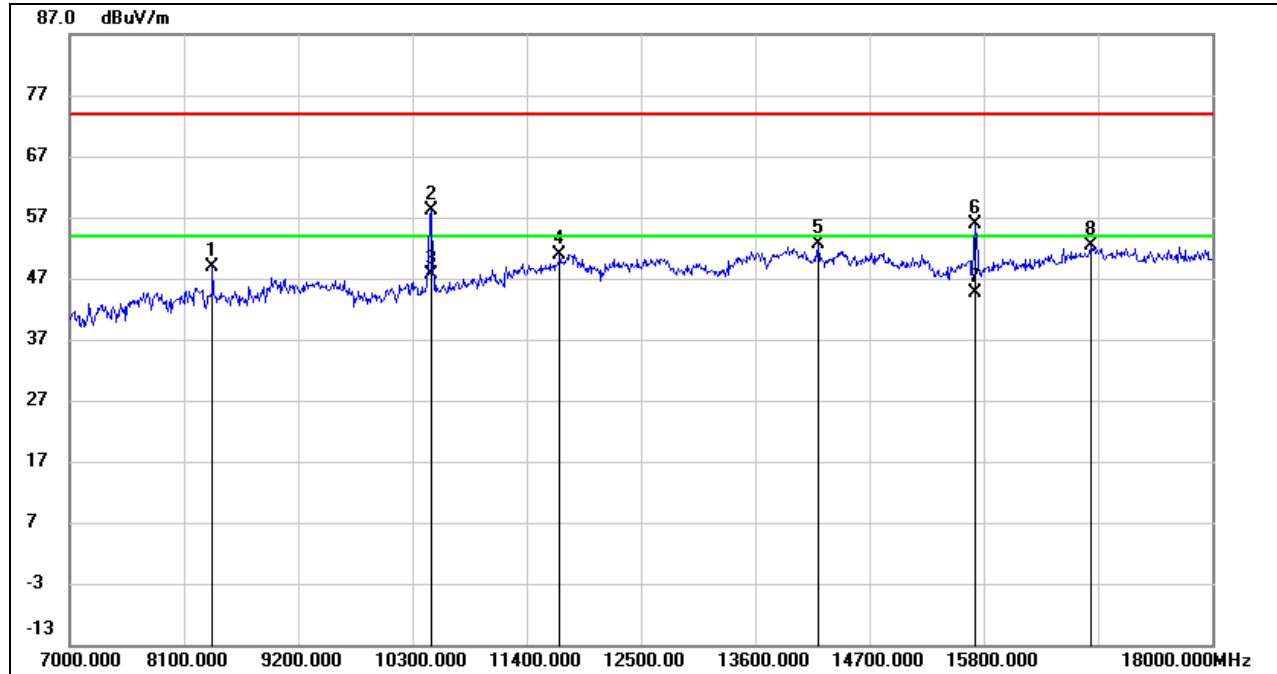
Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8380.500        | 42.44          | 7.37           | 49.81           | 74.00          | -24.19      | peak   |
| 2   | 10487.000       | 42.75          | 11.30          | 54.05           | 74.00          | -19.95      | peak   |
| 3   | 10487.000       | 32.02          | 11.30          | 43.32           | 54.00          | -10.68      | AVG    |
| 4   | 11856.500       | 35.82          | 15.46          | 51.28           | 74.00          | -22.72      | peak   |
| 5   | 13908.000       | 34.01          | 18.82          | 52.83           | 74.00          | -21.17      | peak   |
| 6   | 15712.000       | 37.58          | 17.57          | 55.15           | 74.00          | -18.85      | peak   |
| 7   | 15712.000       | 27.08          | 17.57          | 44.65           | 54.00          | -9.35       | AVG    |
| 8   | 17791.000       | 30.62          | 22.98          | 53.60           | 74.00          | -20.40      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**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   | 8380.500        | 41.56          | 7.37           | 48.93           | 74.00          | -25.07      | peak   |
| 2   | 10481.500       | 46.90          | 11.27          | 58.17           | 74.00          | -15.83      | peak   |
| 3   | 10481.500       | 36.25          | 11.27          | 47.52           | 54.00          | -6.48       | AVG    |
| 4   | 11724.500       | 35.94          | 14.98          | 50.92           | 74.00          | -23.08      | peak   |
| 5   | 14210.500       | 34.20          | 18.51          | 52.71           | 74.00          | -21.29      | peak   |
| 6   | 15712.000       | 38.21          | 17.57          | 55.78           | 74.00          | -18.22      | peak   |
| 7   | 15712.000       | 26.96          | 17.57          | 44.53           | 54.00          | -9.47       | AVG    |
| 8   | 16839.500       | 32.06          | 20.32          | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

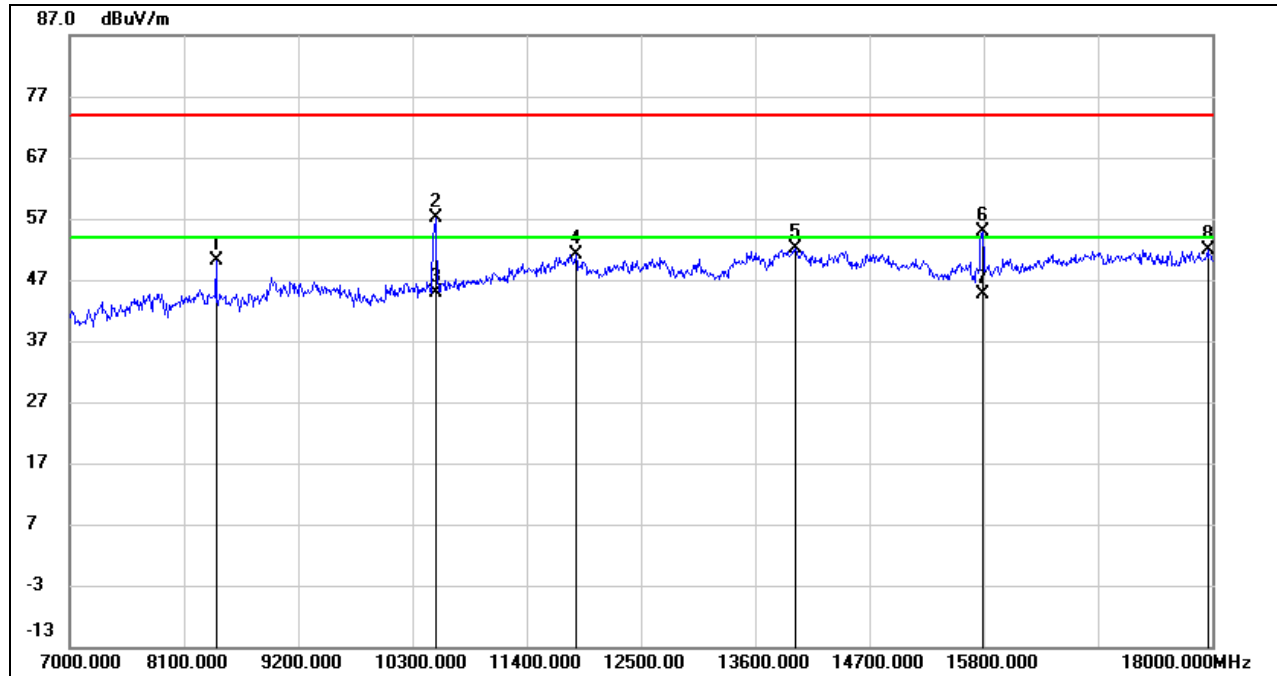
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2A BAND- PIFA ANTENNA

### 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   | 8413.500        | 42.80          | 7.32           | 50.12           | 74.00          | -23.88      | peak   |
| 2   | 10525.500       | 45.67          | 11.44          | 57.11           | 74.00          | -16.89      | peak   |
| 3   | 10525.500       | 33.32          | 11.44          | 44.76           | 54.00          | -9.24       | AVG    |
| 4   | 11873.000       | 35.77          | 15.44          | 51.21           | 74.00          | -22.79      | peak   |
| 5   | 13990.500       | 33.30          | 18.93          | 52.23           | 74.00          | -21.77      | peak   |
| 6   | 15789.000       | 37.16          | 17.63          | 54.79           | 74.00          | -19.21      | peak   |
| 7   | 15789.000       | 27.02          | 17.63          | 44.65           | 54.00          | -9.35       | AVG    |
| 8   | 17956.000       | 28.82          | 22.99          | 51.81           | 74.00          | -22.19      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

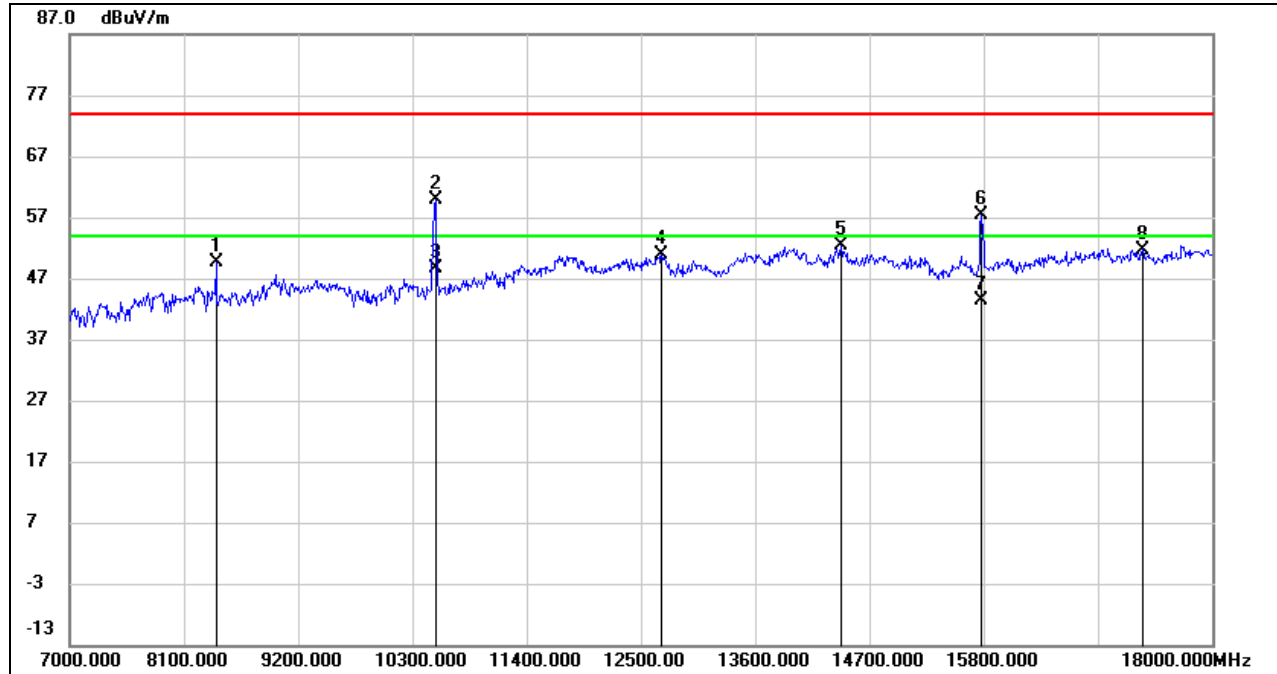
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8413.500        | 42.34          | 7.32           | 49.66           | 74.00          | -24.34      | peak   |
| 2   | 10520.000       | 48.52          | 11.42          | 59.94           | 74.00          | -14.06      | peak   |
| 3   | 10520.000       | 37.20          | 11.42          | 48.62           | 54.00          | -5.38       | AVG    |
| 4   | 12698.000       | 35.28          | 15.67          | 50.95           | 74.00          | -23.05      | peak   |
| 5   | 14430.500       | 33.99          | 18.28          | 52.27           | 74.00          | -21.73      | peak   |
| 6   | 15778.000       | 39.67          | 17.63          | 57.30           | 74.00          | -16.70      | peak   |
| 7   | 15778.000       | 25.72          | 17.63          | 43.35           | 54.00          | -10.65      | AVG    |
| 8   | 17329.000       | 30.52          | 21.23          | 51.75           | 74.00          | -22.25      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

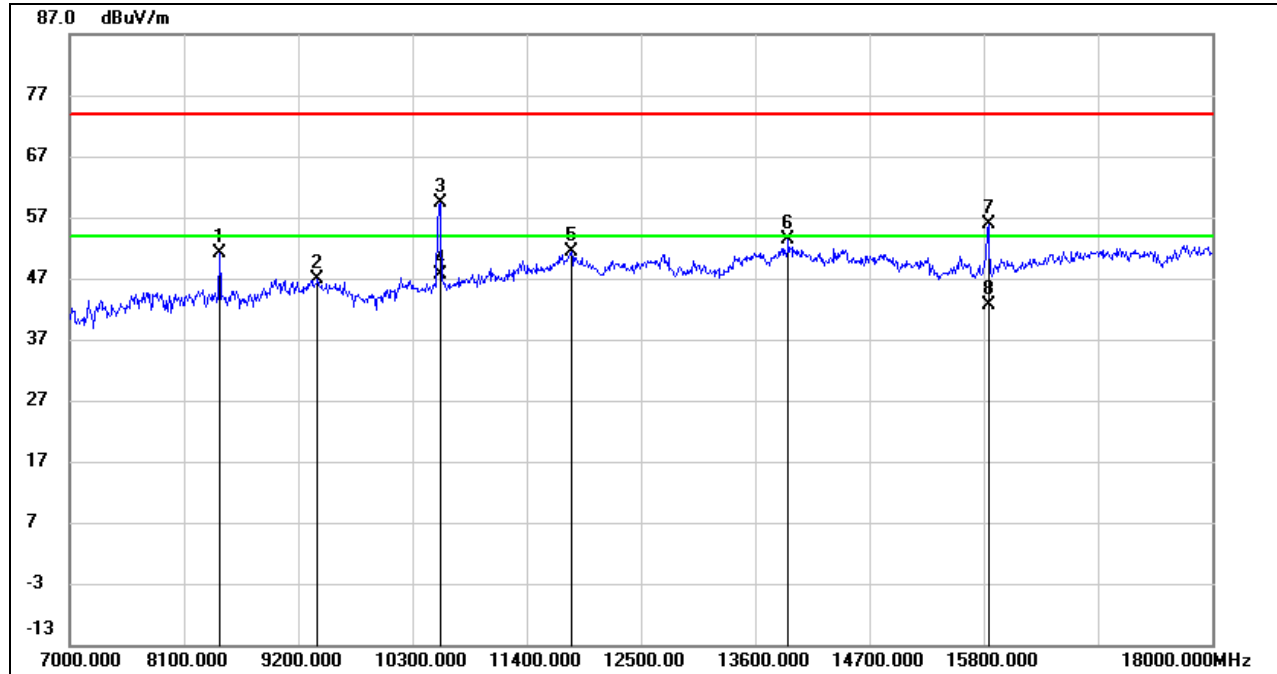
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

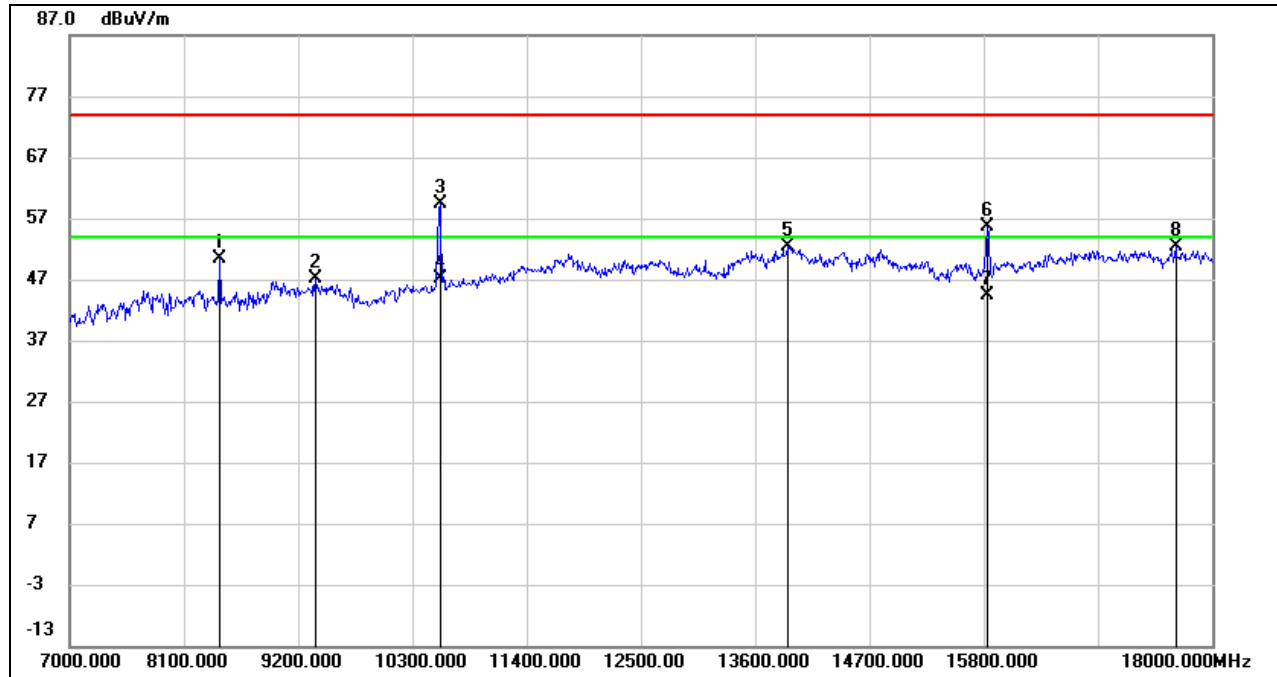
### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8446.500        | 43.75          | 7.34           | 51.09           | 74.00          | -22.91      | peak   |
| 2   | 9392.500        | 37.07          | 9.81           | 46.88           | 74.00          | -27.12      | peak   |
| 3   | 10564.000       | 47.76          | 11.56          | 59.32           | 74.00          | -14.68      | peak   |
| 4   | 10564.000       | 35.96          | 11.56          | 47.52           | 54.00          | -6.48       | AVG    |
| 5   | 11829.000       | 35.87          | 15.47          | 51.34           | 74.00          | -22.66      | peak   |
| 6   | 13919.000       | 34.45          | 18.83          | 53.28           | 74.00          | -20.72      | peak   |
| 7   | 15849.500       | 38.04          | 17.75          | 55.79           | 74.00          | -18.21      | peak   |
| 8   | 15849.500       | 24.93          | 17.75          | 42.68           | 54.00          | -11.32      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8446.500        | 43.13          | 7.34           | 50.47           | 74.00          | -23.53      | peak   |
| 2   | 9365.000        | 37.43          | 9.67           | 47.10           | 74.00          | -26.90      | peak   |
| 3   | 10564.000       | 47.87          | 11.56          | 59.43           | 74.00          | -14.57      | peak   |
| 4   | 10564.000       | 35.69          | 11.56          | 47.25           | 54.00          | -6.75       | AVG    |
| 5   | 13913.500       | 33.62          | 18.83          | 52.45           | 74.00          | -21.55      | peak   |
| 6   | 15833.000       | 37.94          | 17.72          | 55.66           | 74.00          | -18.34      | peak   |
| 7   | 15833.000       | 26.63          | 17.72          | 44.35           | 54.00          | -9.65       | AVG    |
| 8   | 17648.000       | 30.39          | 21.90          | 52.29           | 74.00          | -21.71      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

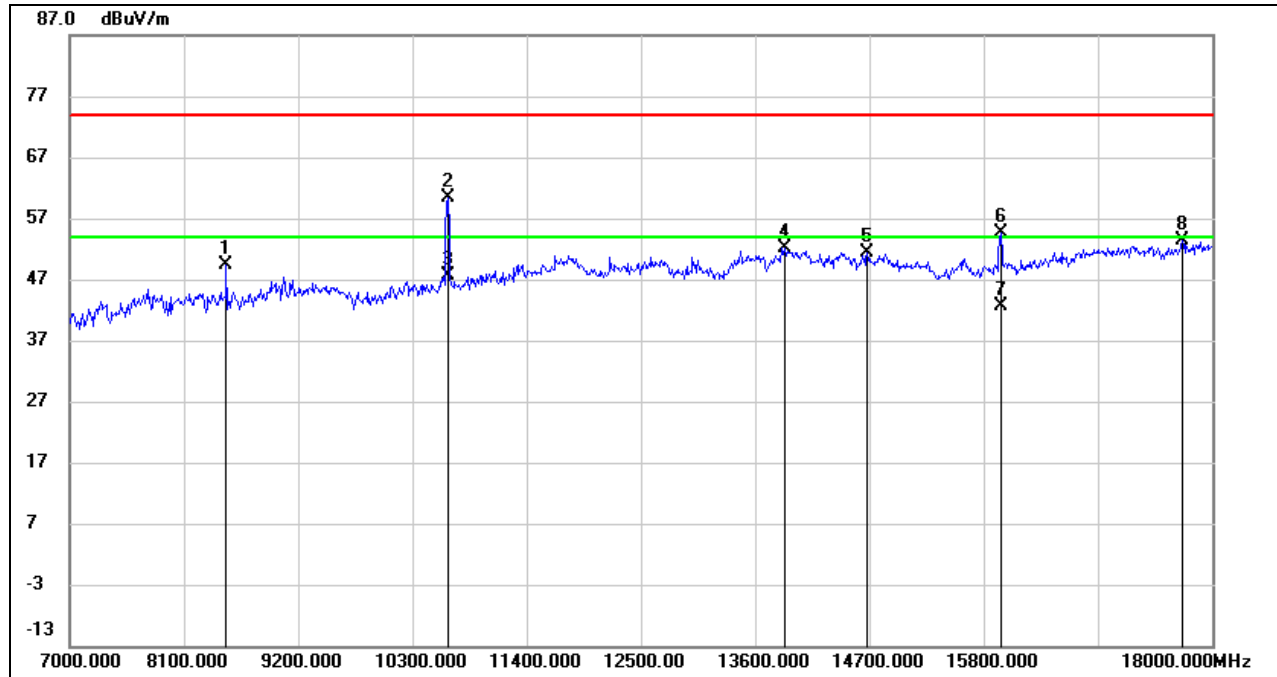
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## 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   | 8512.500        | 42.07          | 7.39           | 49.46           | 74.00          | -24.54      | peak   |
| 2   | 10641.000       | 48.66          | 11.71          | 60.37           | 74.00          | -13.63      | peak   |
| 3   | 10641.000       | 35.94          | 11.71          | 47.65           | 54.00          | -6.35       | AVG    |
| 4   | 13891.500       | 33.33          | 18.80          | 52.13           | 74.00          | -21.87      | peak   |
| 5   | 14683.500       | 33.54          | 17.73          | 51.27           | 74.00          | -22.73      | peak   |
| 6   | 15965.000       | 36.63          | 18.00          | 54.63           | 74.00          | -19.37      | peak   |
| 7   | 15965.000       | 24.65          | 18.00          | 42.65           | 54.00          | -11.35      | AVG    |
| 8   | 17719.500       | 31.04          | 22.44          | 53.48           | 74.00          | -20.52      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

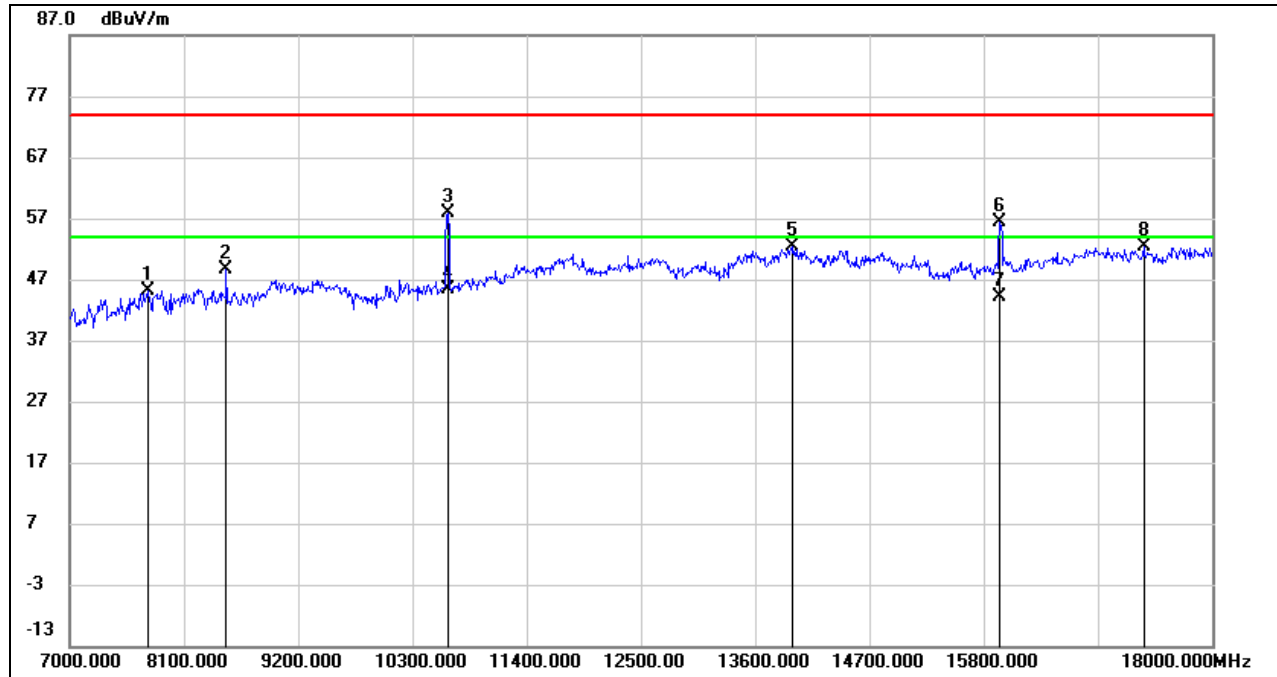
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 7748.000        | 38.54          | 6.57           | 45.11           | 74.00          | -28.89      | peak   |
| 2   | 8512.500        | 41.19          | 7.39           | 48.58           | 74.00          | -25.42      | peak   |
| 3   | 10646.500       | 46.08          | 11.72          | 57.80           | 74.00          | -16.20      | peak   |
| 4   | 10646.500       | 33.73          | 11.72          | 45.45           | 54.00          | -8.55       | AVG    |
| 5   | 13963.000       | 33.53          | 18.89          | 52.42           | 74.00          | -21.58      | peak   |
| 6   | 15959.500       | 38.48          | 17.99          | 56.47           | 74.00          | -17.53      | peak   |
| 7   | 15959.500       | 26.26          | 17.99          | 44.25           | 54.00          | -9.75       | AVG    |
| 8   | 17340.000       | 31.05          | 21.21          | 52.26           | 74.00          | -21.74      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

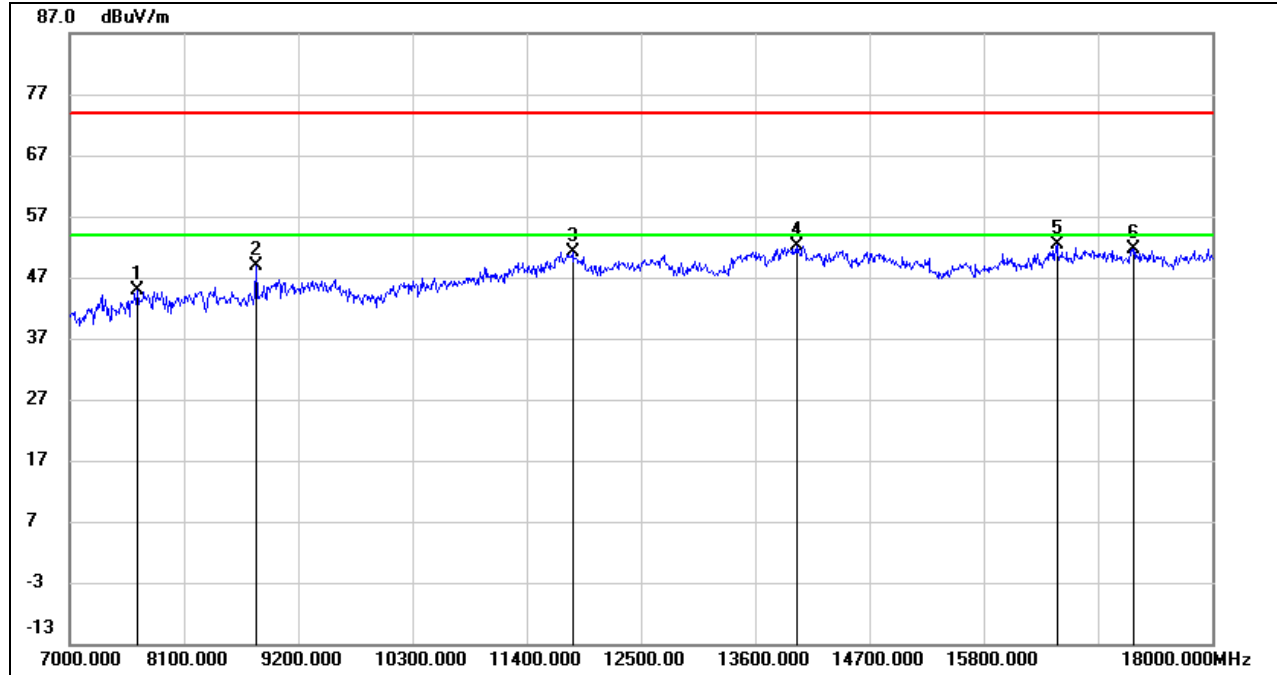
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2C BAND- PIFA ANTENNA

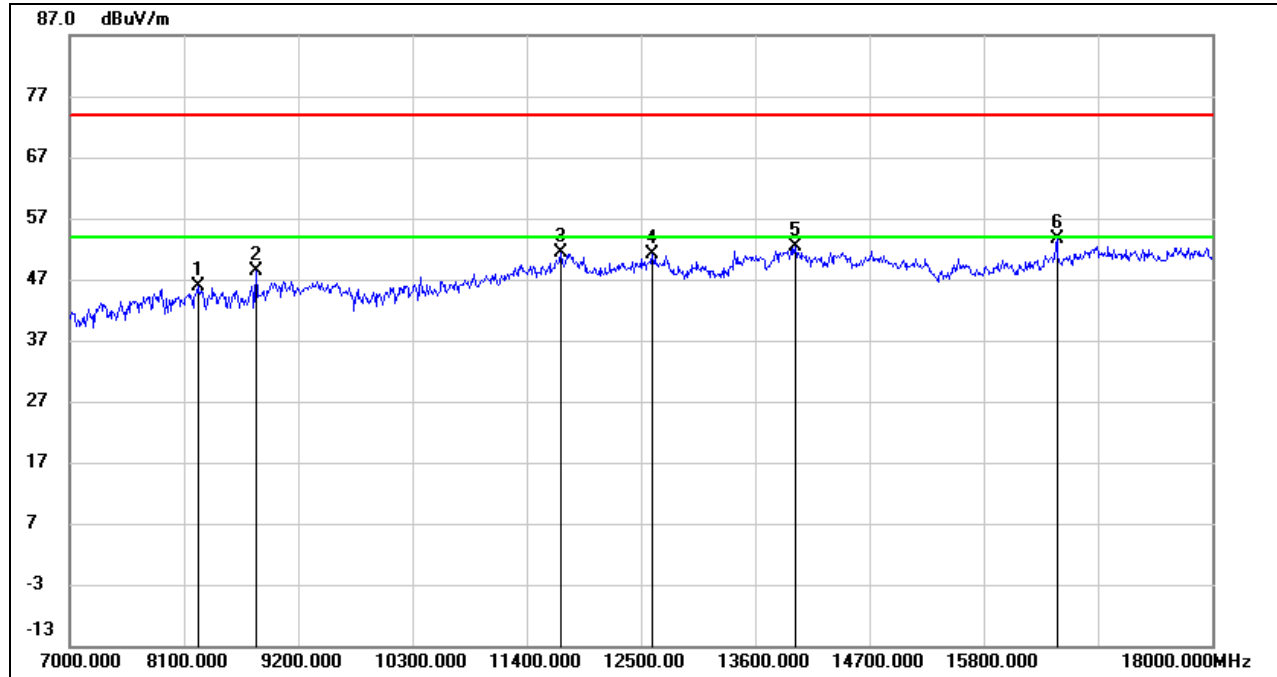
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7649.000        | 38.52          | 6.27           | 44.79           | 74.00          | -29.21      | peak   |
| 2   | 8798.500        | 41.11          | 7.70           | 48.81           | 74.00          | -25.19      | peak   |
| 3   | 11840.000       | 35.70          | 15.47          | 51.17           | 74.00          | -22.83      | peak   |
| 4   | 13996.000       | 33.19          | 18.93          | 52.12           | 74.00          | -21.88      | peak   |
| 5   | 16504.000       | 32.51          | 19.78          | 52.29           | 74.00          | -21.71      | peak   |
| 6   | 17241.000       | 30.28          | 21.38          | 51.66           | 74.00          | -22.34      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8232.000           | 37.98             | 7.78              | 45.76              | 74.00             | -28.24         | peak   |
| 2   | 8798.500           | 40.66             | 7.70              | 48.36              | 74.00             | -25.64         | peak   |
| 3   | 11730.000          | 36.30             | 15.02             | 51.32              | 74.00             | -22.68         | peak   |
| 4   | 12610.000          | 35.75             | 15.49             | 51.24              | 74.00             | -22.76         | peak   |
| 5   | 13985.000          | 33.36             | 18.92             | 52.28              | 74.00             | -21.72         | peak   |
| 6   | 16504.000          | 33.78             | 19.78             | 53.56              | 74.00             | -20.44         | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

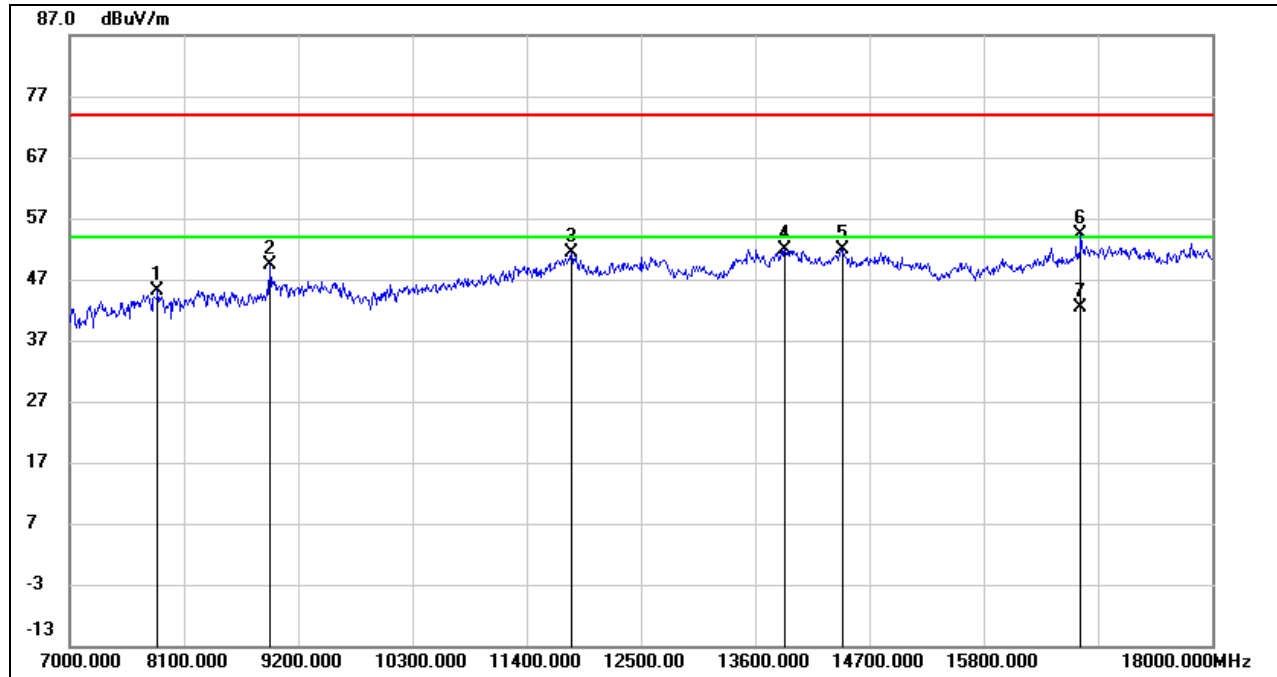
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

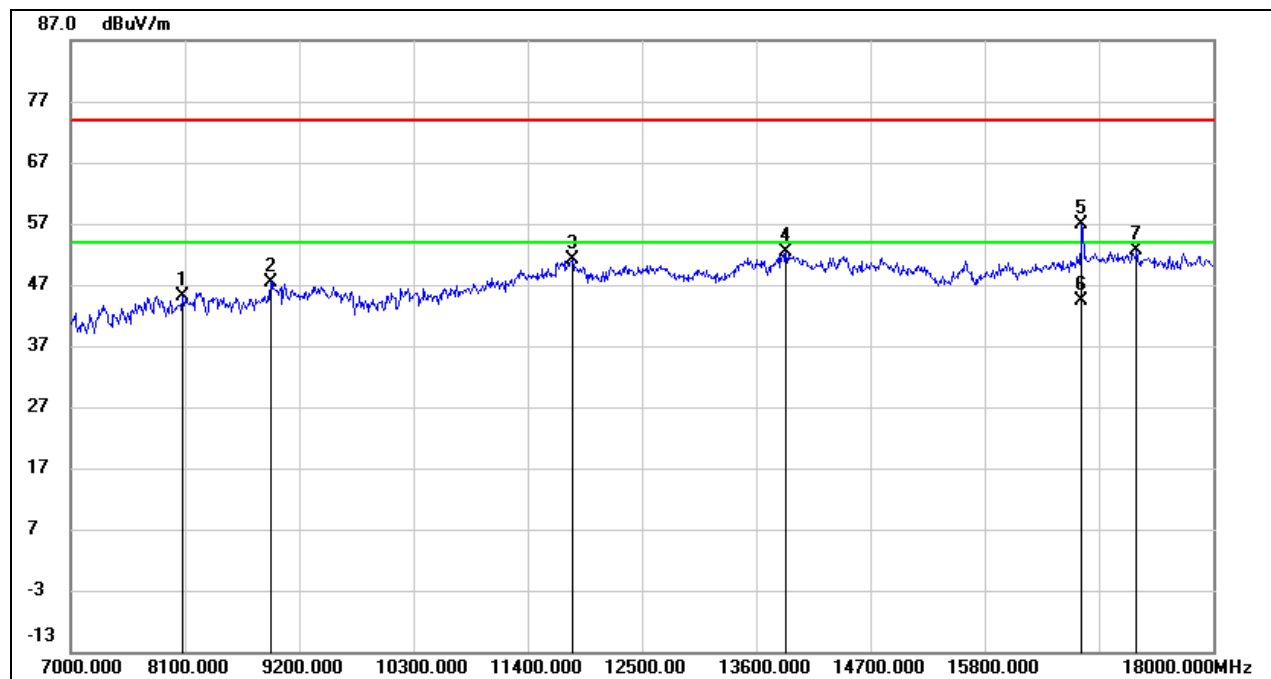
### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7852.500        | 38.62          | 6.51           | 45.13           | 74.00          | -28.87      | peak   |
| 2   | 8925.000        | 40.21          | 9.16           | 49.37           | 74.00          | -24.63      | peak   |
| 3   | 11834.500       | 35.84          | 15.46          | 51.30           | 74.00          | -22.70      | peak   |
| 4   | 13886.000       | 33.11          | 18.79          | 51.90           | 74.00          | -22.10      | peak   |
| 5   | 14447.000       | 33.71          | 18.22          | 51.93           | 74.00          | -22.07      | peak   |
| 6   | 16740.500       | 34.14          | 20.21          | 54.35           | 74.00          | -19.65      | peak   |
| 7   | 16740.500       | 22.25          | 20.21          | 42.46           | 54.00          | -11.54      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

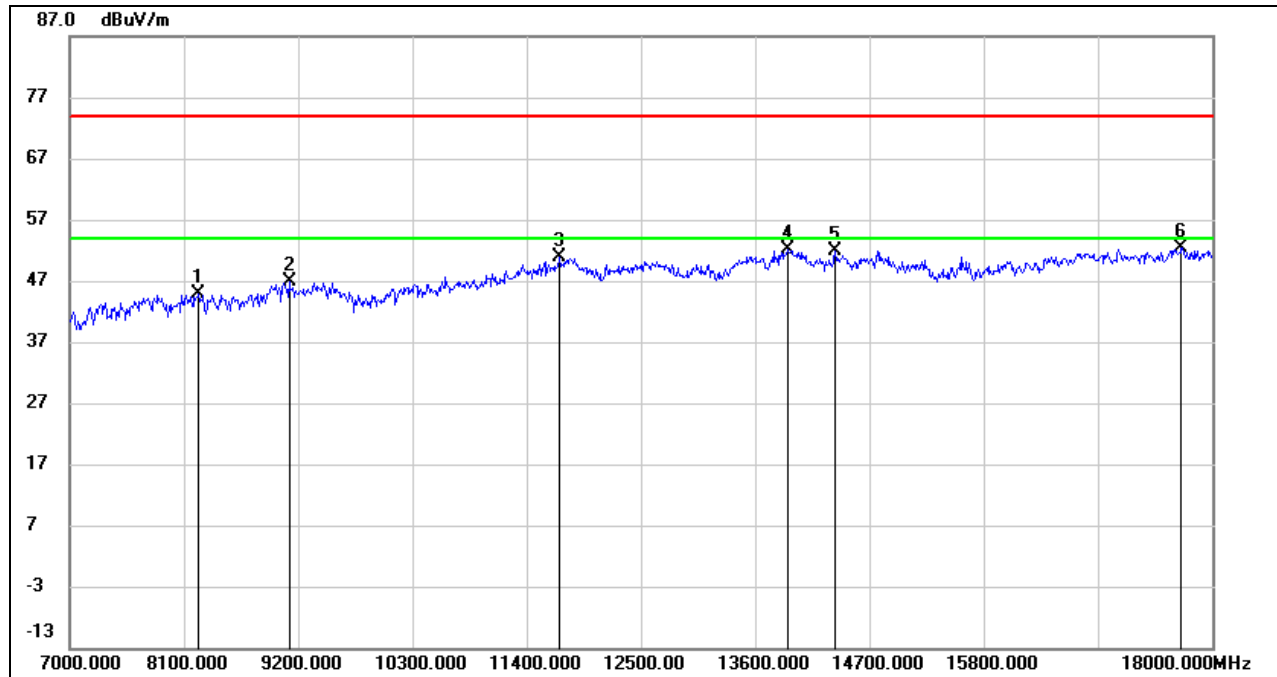
### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8083.500        | 38.40          | 6.75           | 45.15           | 74.00          | -28.85      | peak   |
| 2   | 8925.000        | 38.34          | 9.16           | 47.50           | 74.00          | -26.50      | peak   |
| 3   | 11829.000       | 35.64          | 15.47          | 51.11           | 74.00          | -22.89      | peak   |
| 4   | 13891.500       | 33.55          | 18.80          | 52.35           | 74.00          | -21.65      | peak   |
| 5   | 16735.000       | 36.66          | 20.21          | 56.87           | 74.00          | -17.13      | peak   |
| 6   | 16735.000       | 24.14          | 20.21          | 44.35           | 54.00          | -9.65       | AVG    |
| 7   | 17268.500       | 31.35          | 21.33          | 52.68           | 74.00          | -21.32      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

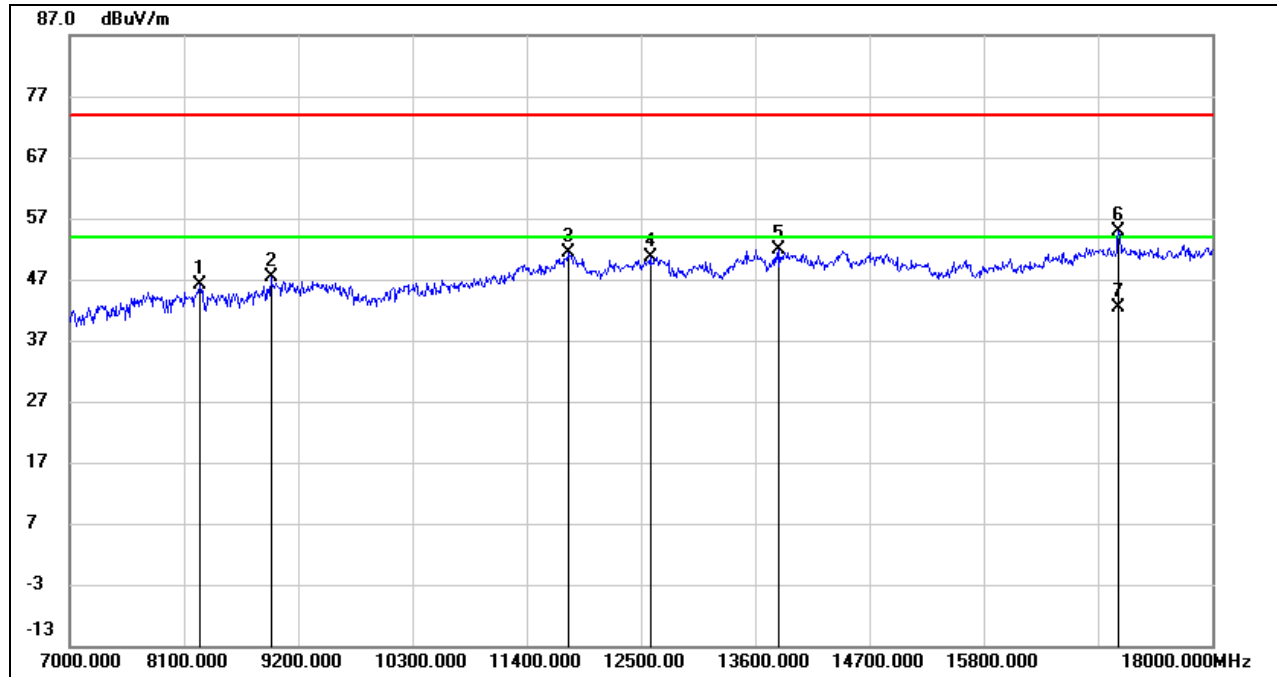
### HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8243.000        | 37.04          | 7.75           | 44.79           | 74.00          | -29.21      | peak   |
| 2   | 9117.500        | 37.50          | 9.28           | 46.78           | 74.00          | -27.22      | peak   |
| 3   | 11724.500       | 35.82          | 14.98          | 50.80           | 74.00          | -23.20      | peak   |
| 4   | 13924.500       | 33.27          | 18.84          | 52.11           | 74.00          | -21.89      | peak   |
| 5   | 14375.500       | 33.59          | 18.38          | 51.97           | 74.00          | -22.03      | peak   |
| 6   | 17708.500       | 29.95          | 22.36          | 52.31           | 74.00          | -21.69      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

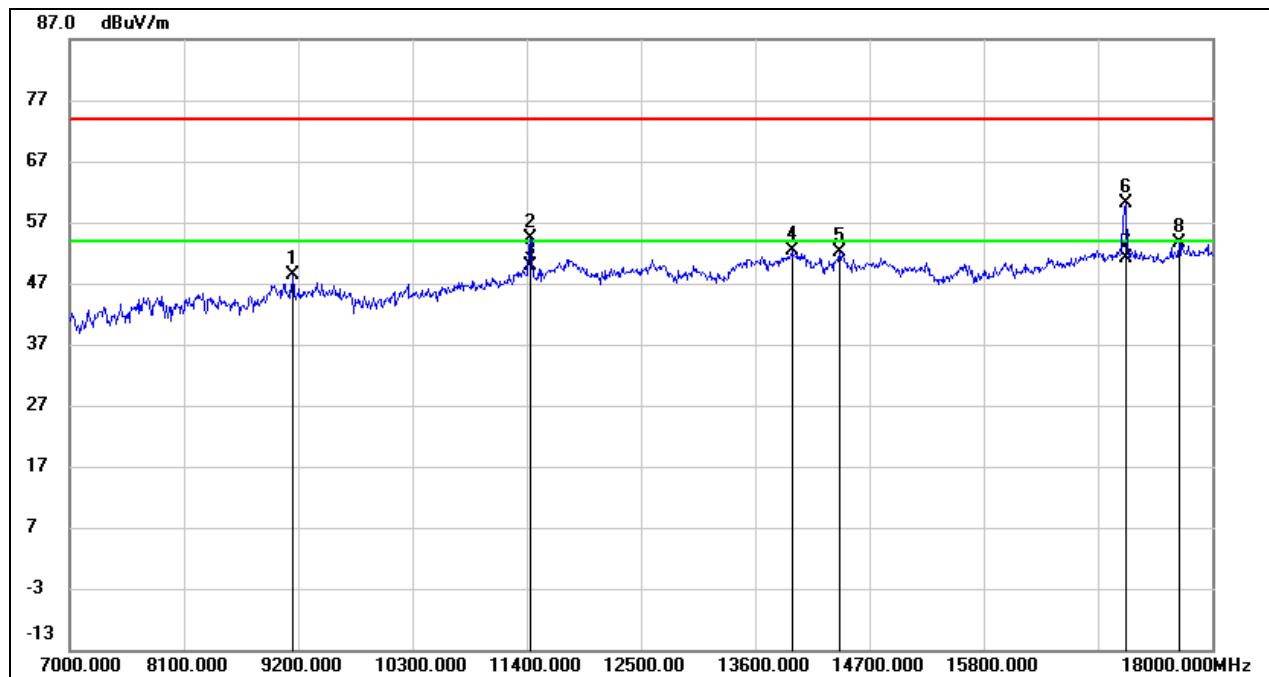


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8259.500        | 38.49          | 7.71           | 46.20           | 74.00          | -27.80      | peak   |
| 2   | 8941.500        | 38.00          | 9.35           | 47.35           | 74.00          | -26.65      | peak   |
| 3   | 11801.500       | 35.86          | 15.48          | 51.34           | 74.00          | -22.66      | peak   |
| 4   | 12588.000       | 35.18          | 15.47          | 50.65           | 74.00          | -23.35      | peak   |
| 5   | 13831.000       | 33.21          | 18.73          | 51.94           | 74.00          | -22.06      | peak   |
| 6   | 17103.500       | 33.83          | 21.07          | 54.90           | 74.00          | -19.10      | peak   |
| 7   | 17103.500       | 21.19          | 21.07          | 42.26           | 54.00          | -11.74      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## STRADDLE CHANNEL 144 – PIFA ANTENNA

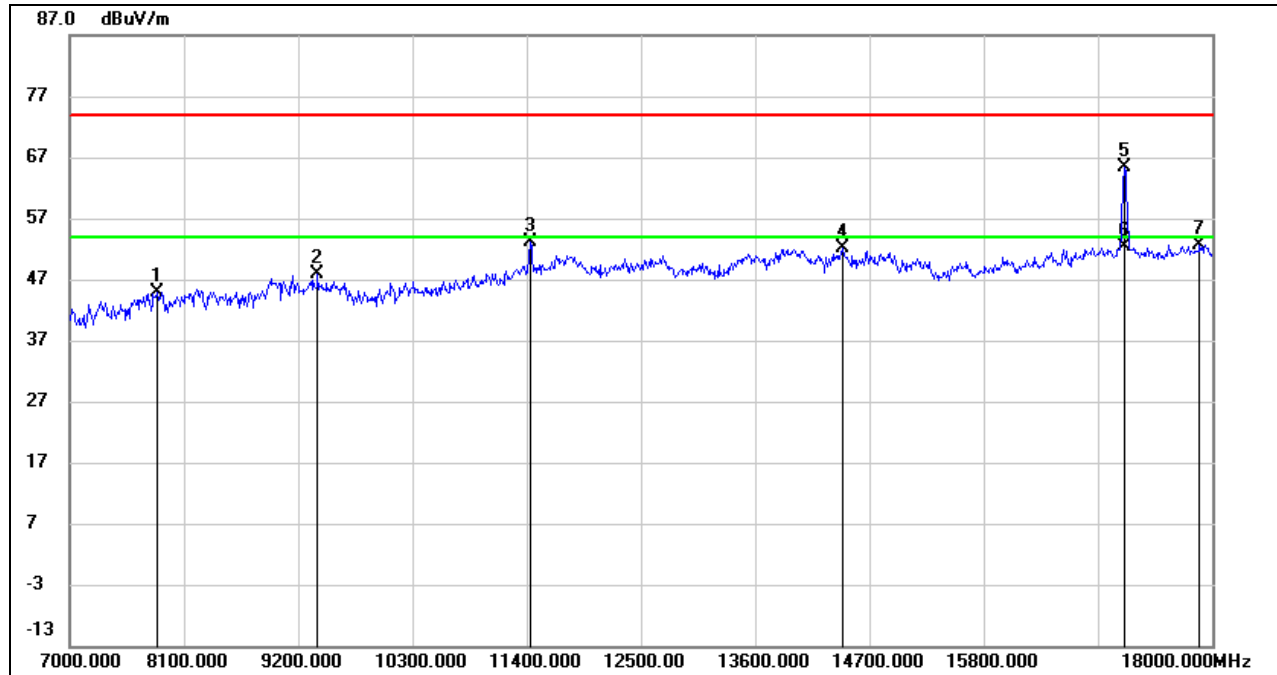
### HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 9150.500           | 39.32             | 9.07              | 48.39              | 74.00             | -25.61         | peak   |
| 2   | 11438.500          | 40.55             | 13.76             | 54.31              | 74.00             | -19.69         | peak   |
| 3   | 11438.500          | 36.13             | 13.76             | 49.89              | 54.00             | -4.11          | AVG    |
| 4   | 13952.000          | 33.61             | 18.88             | 52.49              | 74.00             | -21.51         | peak   |
| 5   | 14419.500          | 33.79             | 18.31             | 52.10              | 74.00             | -21.90         | peak   |
| 6   | 17164.000          | 38.92             | 21.30             | 60.22              | 74.00             | -13.78         | peak   |
| 7   | 17164.000          | 29.83             | 21.30             | 51.13              | 54.00             | -2.87          | AVG    |
| 8   | 17686.500          | 31.34             | 22.19             | 53.53              | 74.00             | -20.47         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)

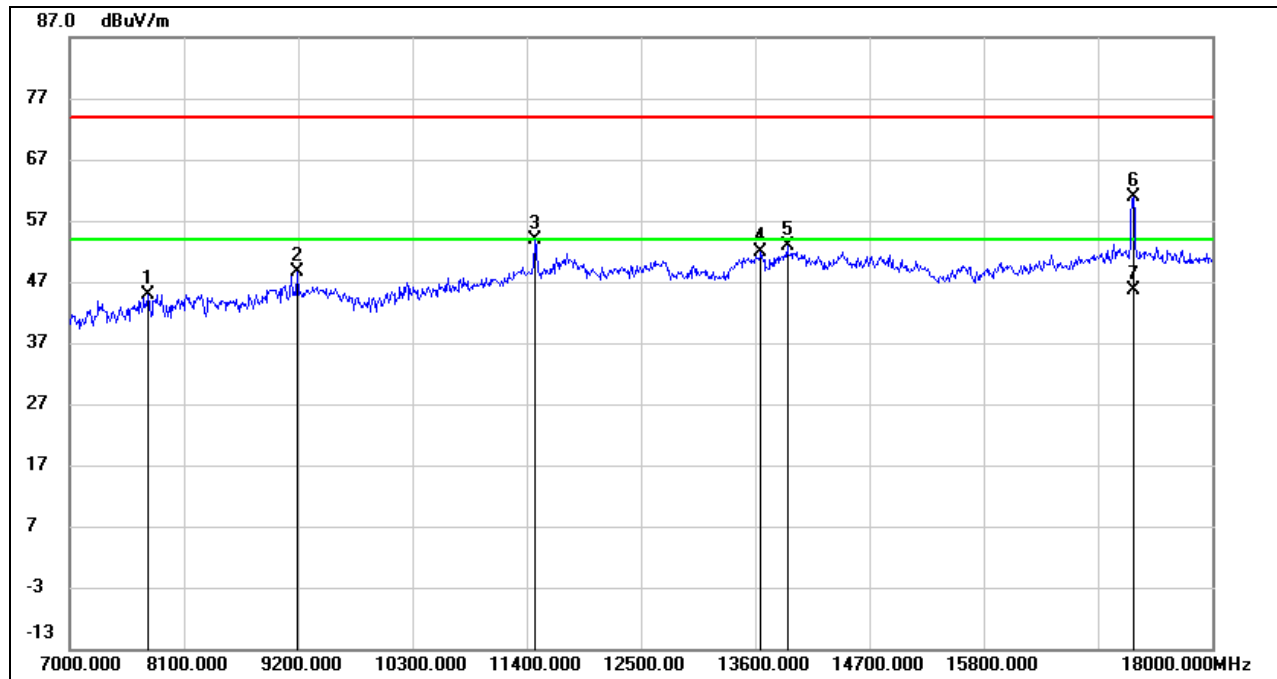


| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 7852.500           | 38.41             | 6.51              | 44.92              | 74.00             | -29.08         | peak   |
| 2   | 9387.000           | 38.14             | 9.79              | 47.93              | 74.00             | -26.07         | peak   |
| 3   | 11438.500          | 39.39             | 13.76             | 53.15              | 74.00             | -20.85         | peak   |
| 4   | 14436.000          | 33.90             | 18.26             | 52.16              | 74.00             | -21.84         | peak   |
| 5   | 17158.500          | 44.20             | 21.29             | 65.49              | 74.00             | -8.51          | peak   |
| 6   | 17158.500          | 31.14             | 21.29             | 52.43              | 54.00             | -1.57          | AVG    |
| 7   | 17879.000          | 29.67             | 23.02             | 52.69              | 74.00             | -21.31         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-3 BAND – PIFA ANTENNA

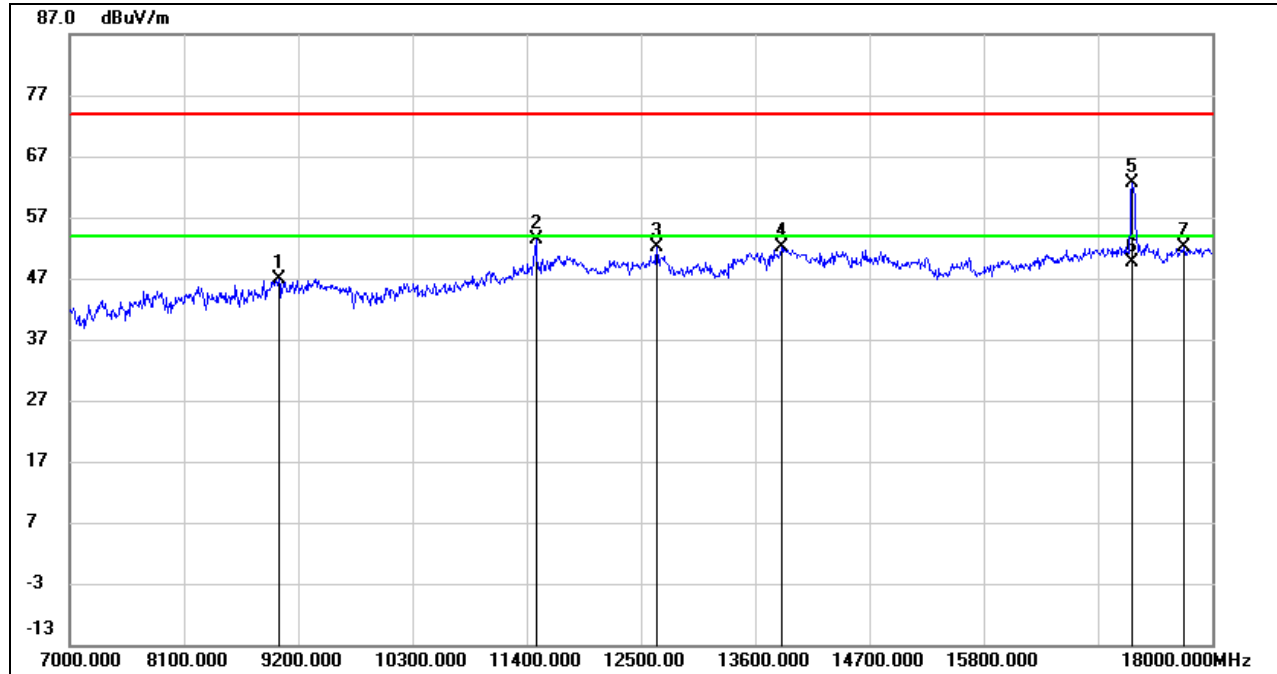
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7759.000        | 38.40          | 6.59           | 44.99           | 74.00          | -29.01      | peak   |
| 2   | 9189.000        | 39.90          | 8.83           | 48.73           | 74.00          | -25.27      | peak   |
| 3   | 11482.500       | 39.91          | 13.87          | 53.78           | 74.00          | -20.22      | peak   |
| 4   | 13660.500       | 33.82          | 18.05          | 51.87           | 74.00          | -22.13      | peak   |
| 5   | 13913.500       | 34.02          | 18.83          | 52.85           | 74.00          | -21.15      | peak   |
| 6   | 17241.000       | 39.52          | 21.38          | 60.90           | 74.00          | -13.10      | peak   |
| 7   | 17241.000       | 24.27          | 21.38          | 45.65           | 54.00          | -8.35       | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

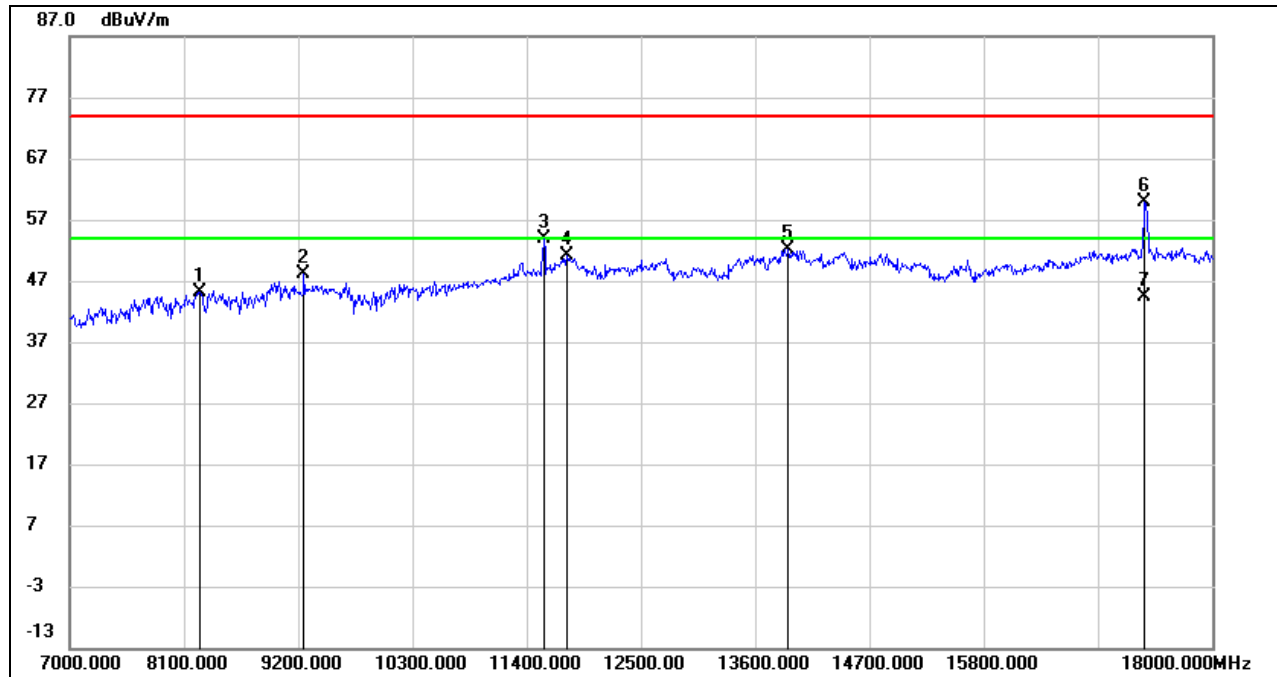
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 9018.500        | 36.99          | 9.91           | 46.90           | 74.00          | -27.10      | peak   |
| 2   | 11493.500       | 39.42          | 13.89          | 53.31           | 74.00          | -20.69      | peak   |
| 3   | 12654.000       | 36.52          | 15.57          | 52.09           | 74.00          | -21.91      | peak   |
| 4   | 13858.500       | 33.29          | 18.75          | 52.04           | 74.00          | -21.96      | peak   |
| 5   | 17235.500       | 41.33          | 21.39          | 62.72           | 74.00          | -11.28      | peak   |
| 6   | 17235.500       | 28.17          | 21.39          | 49.56           | 54.00          | -4.44       | AVG    |
| 7   | 17725.000       | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

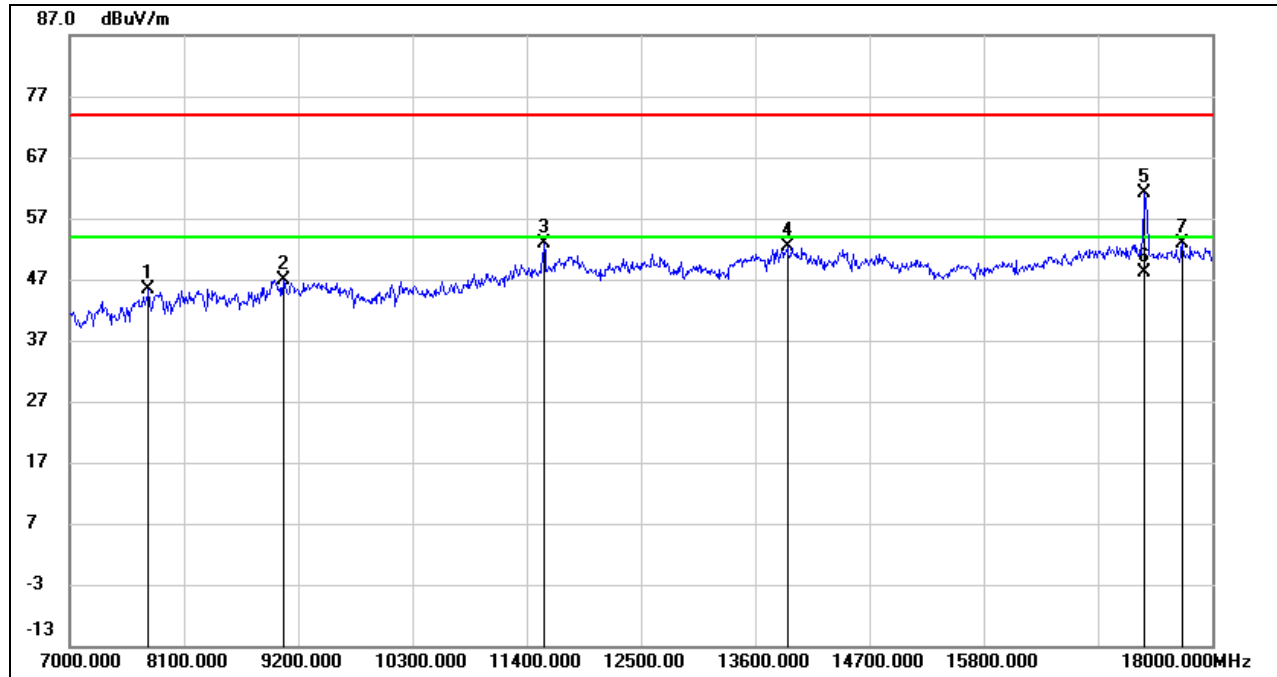


| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8259.500           | 37.45             | 7.71              | 45.16              | 74.00             | -28.84         | peak   |
| 2   | 9255.000           | 39.12             | 9.06              | 48.18              | 74.00             | -25.82         | peak   |
| 3   | 11570.500          | 39.83             | 14.09             | 53.92              | 74.00             | -20.08         | peak   |
| 4   | 11785.000          | 35.86             | 15.37             | 51.23              | 74.00             | -22.77         | peak   |
| 5   | 13919.000          | 33.30             | 18.83             | 52.13              | 74.00             | -21.87         | peak   |
| 6   | 17351.000          | 38.72             | 21.19             | 59.91              | 74.00             | -14.09         | peak   |
| 7   | 17351.000          | 23.30             | 21.19             | 44.49              | 54.00             | -9.51          | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



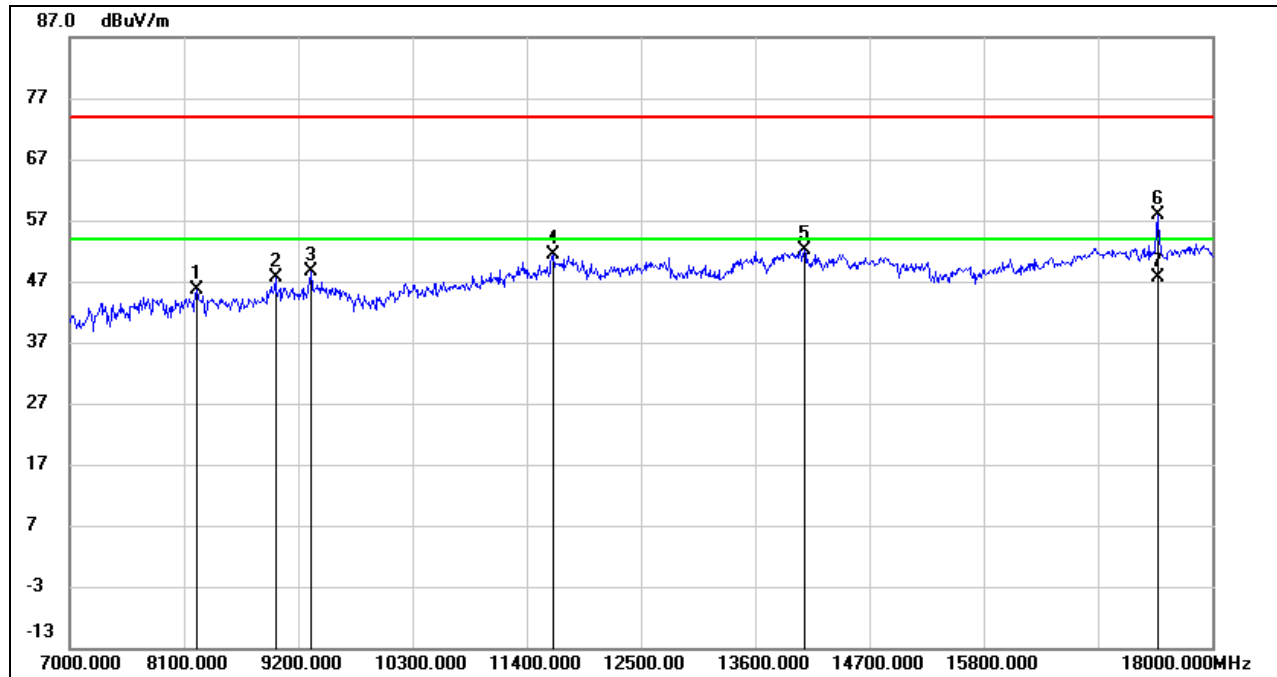
### HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7759.000        | 38.86          | 6.59           | 45.45           | 74.00          | -28.55      | peak   |
| 2   | 9057.000        | 37.27          | 9.68           | 46.95           | 74.00          | -27.05      | peak   |
| 3   | 11570.500       | 38.71          | 14.09          | 52.80           | 74.00          | -21.20      | peak   |
| 4   | 13913.500       | 33.47          | 18.83          | 52.30           | 74.00          | -21.70      | peak   |
| 5   | 17351.000       | 39.99          | 21.19          | 61.18           | 74.00          | -12.82      | peak   |
| 6   | 17351.000       | 26.94          | 21.19          | 48.13           | 54.00          | -5.87       | AVG    |
| 7   | 17714.000       | 30.58          | 22.39          | 52.97           | 74.00          | -21.03      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## 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        | 37.80          | 7.81           | 45.61           | 74.00          | -28.39      | peak   |
| 2   | 8985.500        | 37.70          | 9.86           | 47.56           | 74.00          | -26.44      | peak   |
| 3   | 9321.000        | 39.28          | 9.43           | 48.71           | 74.00          | -25.29      | peak   |
| 4   | 11653.000       | 36.79          | 14.51          | 51.30           | 74.00          | -22.70      | peak   |
| 5   | 14073.000       | 33.40          | 18.79          | 52.19           | 74.00          | -21.81      | peak   |
| 6   | 17472.000       | 36.74          | 21.17          | 57.91           | 74.00          | -16.09      | peak   |
| 7   | 17472.000       | 26.48          | 21.17          | 47.65           | 54.00          | -6.35       | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

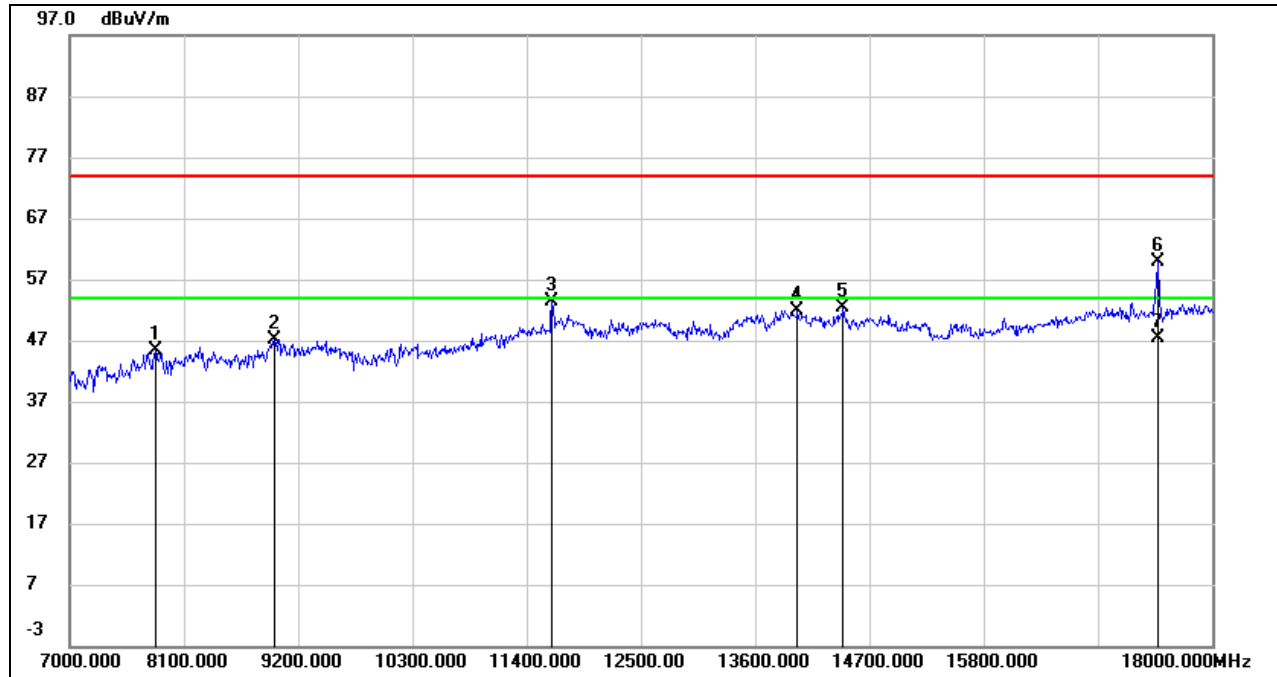
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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        | 38.65          | 6.63           | 45.28           | 74.00          | -28.72      | peak   |
| 2   | 8969.000        | 37.39          | 9.68           | 47.07           | 74.00          | -26.93      | peak   |
| 3   | 11647.500       | 38.93          | 14.48          | 53.41           | 74.00          | -20.59      | peak   |
| 4   | 14007.000       | 33.06          | 18.93          | 51.99           | 74.00          | -22.01      | peak   |
| 5   | 14452.500       | 34.18          | 18.21          | 52.39           | 74.00          | -21.61      | peak   |
| 6   | 17477.500       | 38.62          | 21.18          | 59.80           | 74.00          | -14.20      | peak   |
| 7   | 17477.500       | 26.14          | 21.18          | 47.32           | 54.00          | -6.68       | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

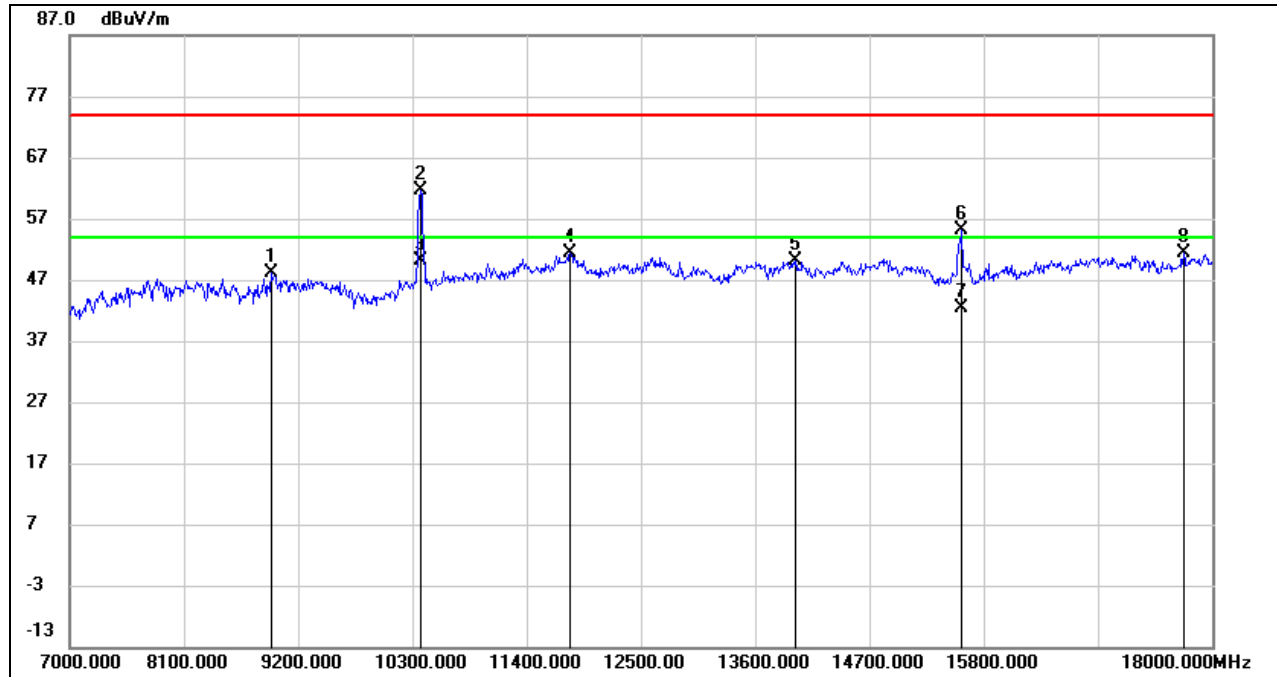
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 8.3.3. 802.11n HT40 SISO MODE

#### UNII-1 BAND – PCB ANTENNA

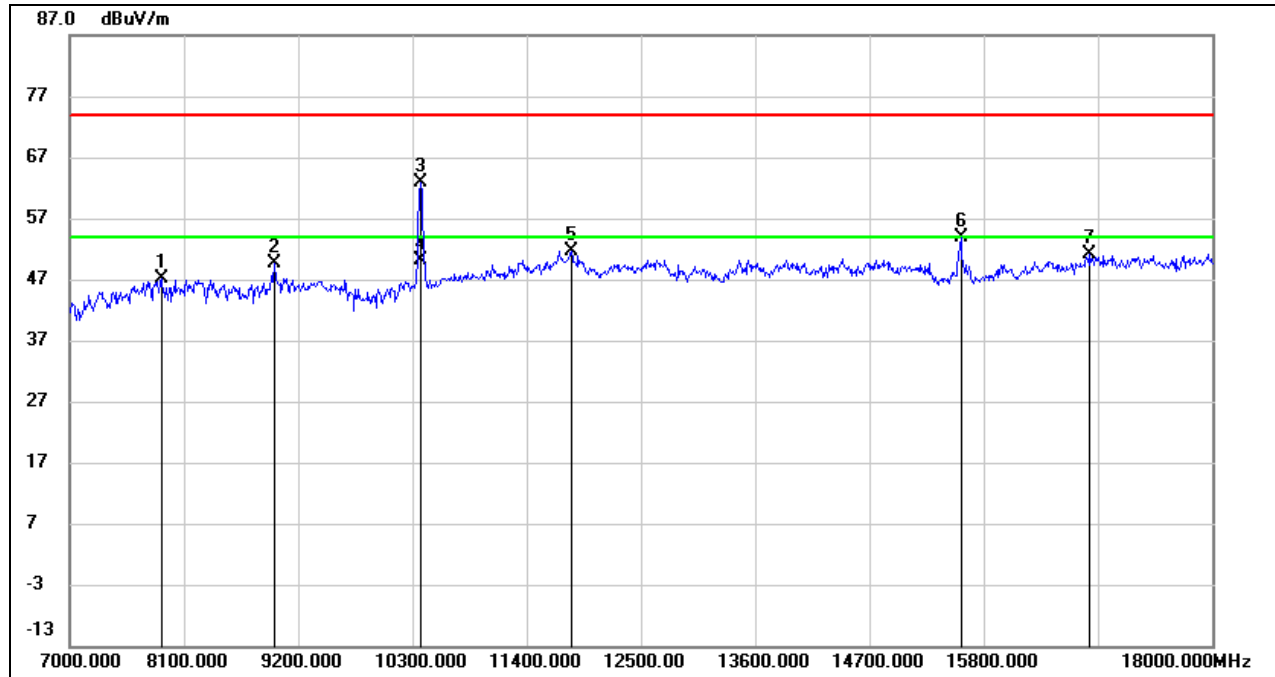
#### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8936.000           | 38.23             | 9.96              | 48.19              | 74.00             | -25.81         | peak   |
| 2   | 10377.000          | 50.30             | 11.37             | 61.67              | 74.00             | -12.33         | peak   |
| 3   | 10377.000          | 38.75             | 11.37             | 50.12              | 54.00             | -3.88          | AVG    |
| 4   | 11818.000          | 35.76             | 15.58             | 51.34              | 74.00             | -22.66         | peak   |
| 5   | 13985.000          | 33.22             | 16.86             | 50.08              | 74.00             | -23.92         | peak   |
| 6   | 15591.000          | 38.54             | 16.68             | 55.22              | 74.00             | -18.78         | peak   |
| 7   | 15591.000          | 25.58             | 16.68             | 42.26              | 54.00             | -11.74         | AVG    |
| 8   | 17725.000          | 29.18             | 22.13             | 51.31              | 74.00             | -22.69         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 7880.000        | 39.02          | 8.01           | 47.03           | 74.00          | -26.97      | peak   |
| 2   | 8969.000        | 39.20          | 10.31          | 49.51           | 74.00          | -24.49      | peak   |
| 3   | 10377.000       | 51.51          | 11.37          | 62.88           | 74.00          | -11.12      | peak   |
| 4   | 10377.000       | 38.77          | 11.37          | 50.14           | 54.00          | -3.86       | AVG    |
| 5   | 11829.000       | 36.15          | 15.57          | 51.72           | 74.00          | -22.28      | peak   |
| 6   | 15580.000       | 37.29          | 16.65          | 53.94           | 74.00          | -20.06      | peak   |
| 7   | 16823.000       | 31.28          | 19.80          | 51.08           | 74.00          | -22.92      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

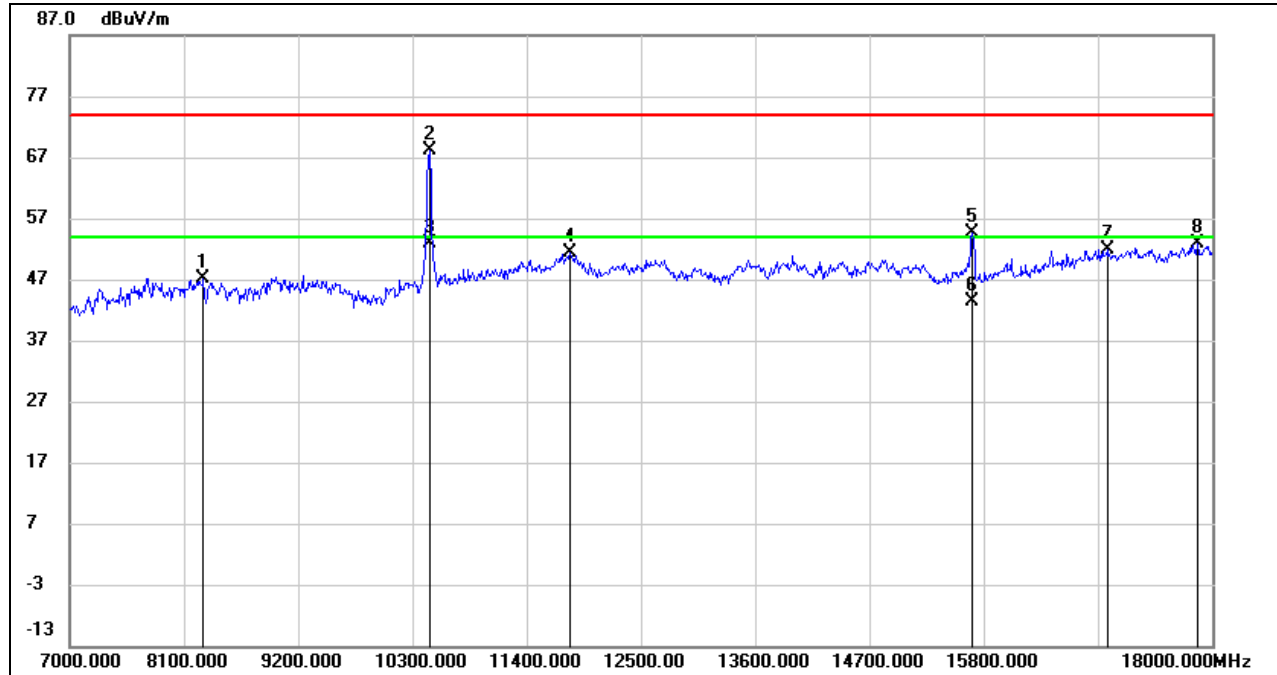
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

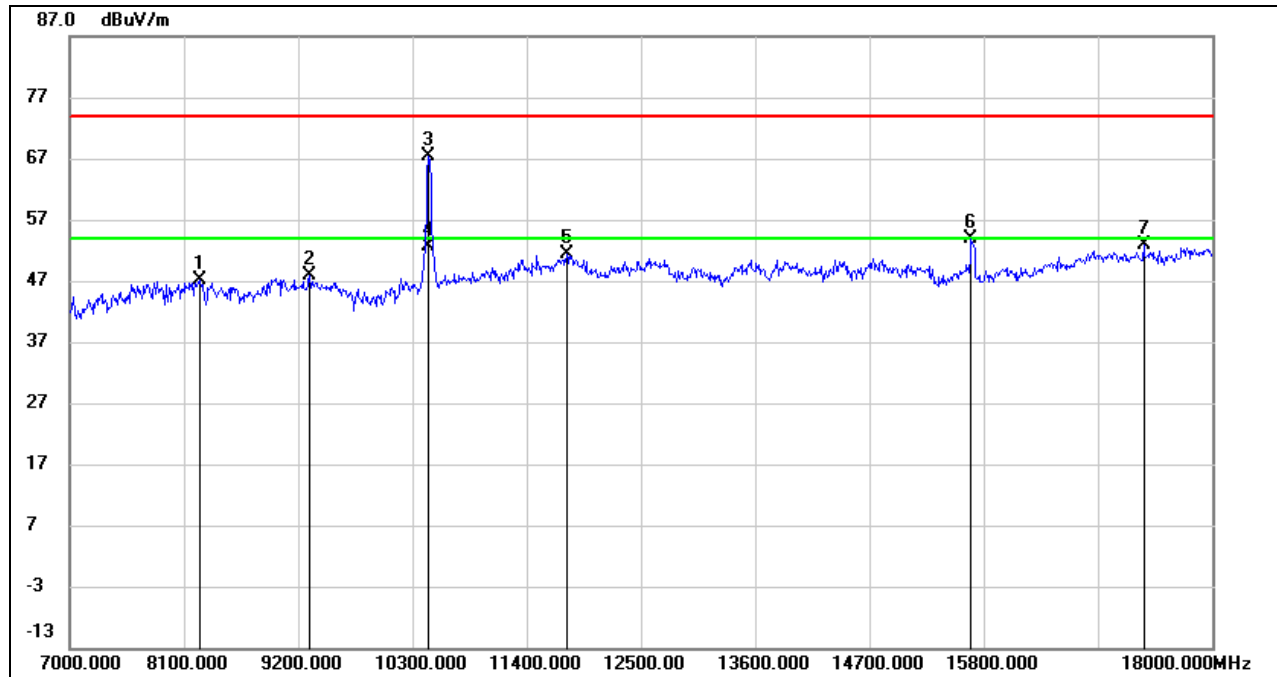
### HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8287.000        | 38.13          | 9.02           | 47.15           | 74.00          | -26.85      | peak   |
| 2   | 10465.000       | 56.38          | 11.78          | 68.16           | 74.00          | -5.84       | peak   |
| 3   | 10465.000       | 41.06          | 11.78          | 52.84           | 54.00          | -1.16       | AVG    |
| 4   | 11818.000       | 35.70          | 15.58          | 51.28           | 74.00          | -22.72      | peak   |
| 5   | 15690.000       | 37.83          | 16.76          | 54.59           | 74.00          | -19.41      | peak   |
| 6   | 15690.000       | 26.62          | 16.76          | 43.38           | 54.00          | -10.62      | AVG    |
| 7   | 16988.000       | 31.74          | 20.20          | 51.94           | 74.00          | -22.06      | peak   |
| 8   | 17857.000       | 30.09          | 22.70          | 52.79           | 74.00          | -21.21      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

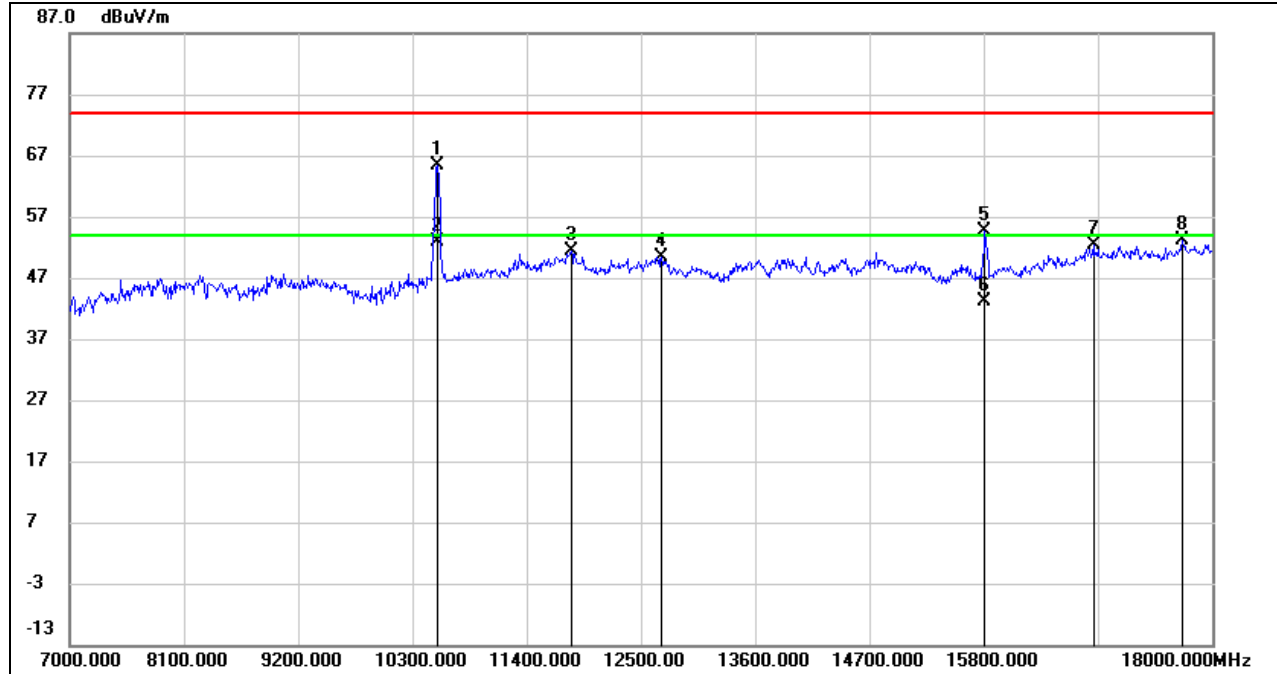


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8254.000        | 37.86          | 9.15           | 47.01           | 74.00          | -26.99      | peak   |
| 2   | 9310.000        | 37.93          | 9.86           | 47.79           | 74.00          | -26.21      | peak   |
| 3   | 10454.000       | 55.69          | 11.73          | 67.42           | 74.00          | -6.58       | peak   |
| 4   | 10454.000       | 40.92          | 11.73          | 52.65           | 54.00          | -1.35       | AVG    |
| 5   | 11785.000       | 35.83          | 15.52          | 51.35           | 74.00          | -22.65      | peak   |
| 6   | 15679.000       | 37.09          | 16.75          | 53.84           | 74.00          | -20.16      | peak   |
| 7   | 17340.000       | 32.00          | 20.82          | 52.82           | 74.00          | -21.18      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2A BAND- PCB ANTENNA

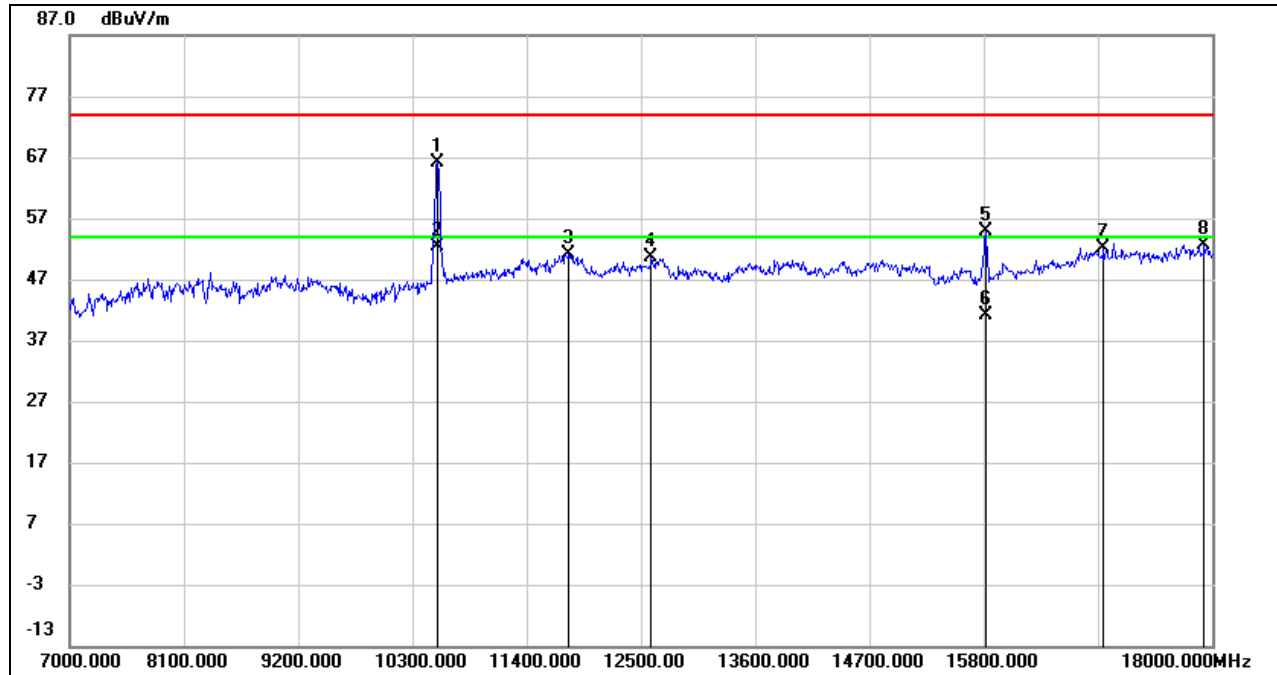
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 10542.000       | 53.29          | 12.13          | 65.42           | 74.00          | -8.58       | peak   |
| 2   | 10542.000       | 40.71          | 12.13          | 52.84           | 54.00          | -1.16       | AVG    |
| 3   | 11829.000       | 35.83          | 15.57          | 51.40           | 74.00          | -22.60      | peak   |
| 4   | 12698.000       | 34.88          | 15.47          | 50.35           | 74.00          | -23.65      | peak   |
| 5   | 15811.000       | 37.66          | 16.86          | 54.52           | 74.00          | -19.48      | peak   |
| 6   | 15811.000       | 26.29          | 16.86          | 43.15           | 54.00          | -10.85      | AVG    |
| 7   | 16856.000       | 32.43          | 19.87          | 52.30           | 74.00          | -21.70      | peak   |
| 8   | 17714.000       | 31.03          | 22.04          | 53.07           | 74.00          | -20.93      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

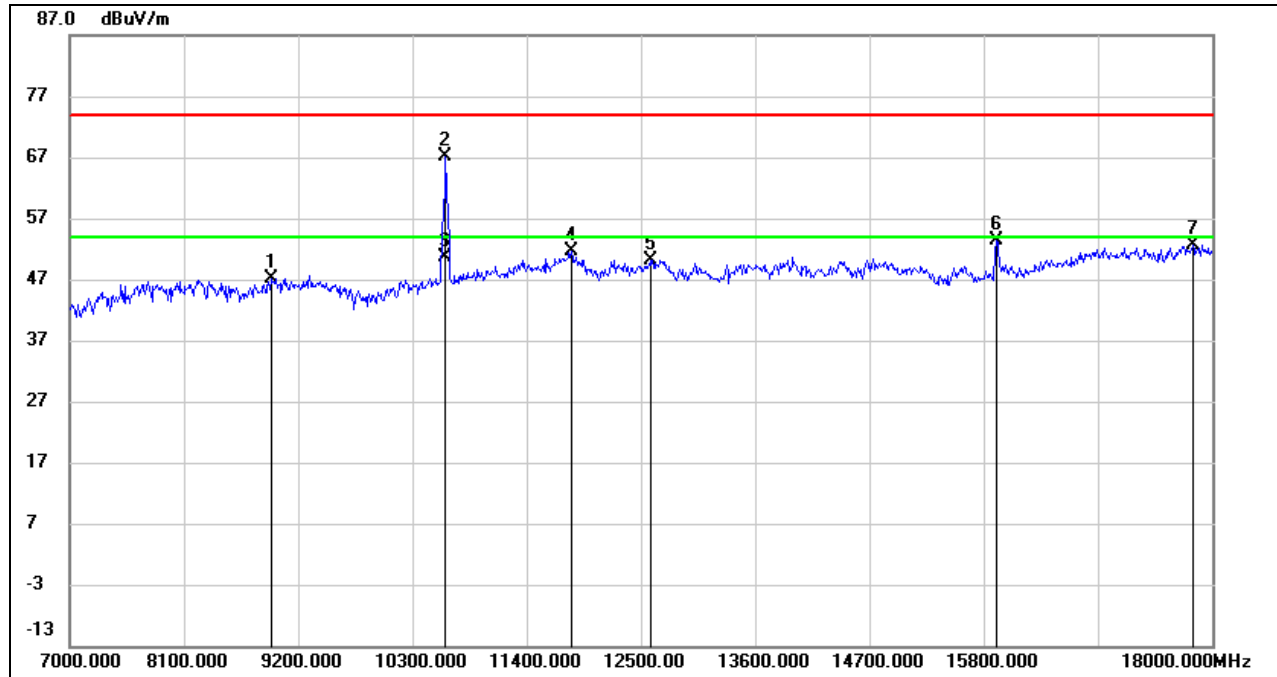
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 10542.000       | 54.03          | 12.13          | 66.16           | 74.00          | -7.84       | peak   |
| 2   | 10542.000       | 40.13          | 12.13          | 52.26           | 54.00          | -1.74       | AVG    |
| 3   | 11807.000       | 35.56          | 15.61          | 51.17           | 74.00          | -22.83      | peak   |
| 4   | 12599.000       | 35.32          | 15.29          | 50.61           | 74.00          | -23.39      | peak   |
| 5   | 15822.000       | 37.95          | 16.87          | 54.82           | 74.00          | -19.18      | peak   |
| 6   | 15822.000       | 24.25          | 16.87          | 41.12           | 54.00          | -12.88      | AVG    |
| 7   | 16955.000       | 31.93          | 20.12          | 52.05           | 74.00          | -21.95      | peak   |
| 8   | 17923.000       | 30.00          | 22.69          | 52.69           | 74.00          | -21.31      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## 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   | 8947.000        | 37.16          | 10.07          | 47.23           | 74.00          | -26.77      | peak   |
| 2   | 10619.000       | 54.68          | 12.39          | 67.07           | 74.00          | -6.93       | peak   |
| 3   | 10619.000       | 38.29          | 12.39          | 50.68           | 54.00          | -3.32       | AVG    |
| 4   | 11829.000       | 36.15          | 15.57          | 51.72           | 74.00          | -22.28      | peak   |
| 5   | 12599.000       | 34.93          | 15.29          | 50.22           | 74.00          | -23.78      | peak   |
| 6   | 15921.000       | 36.26          | 17.07          | 53.33           | 74.00          | -20.67      | peak   |
| 7   | 17813.000       | 29.97          | 22.72          | 52.69           | 74.00          | -21.31      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

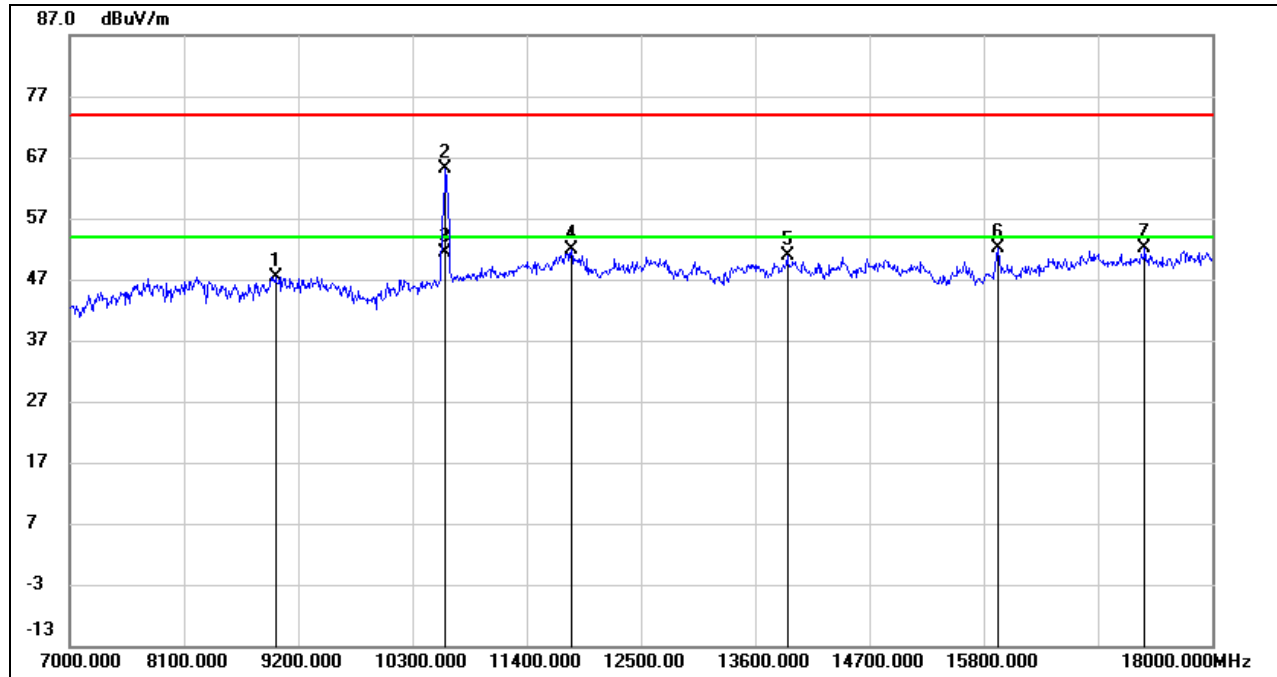
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

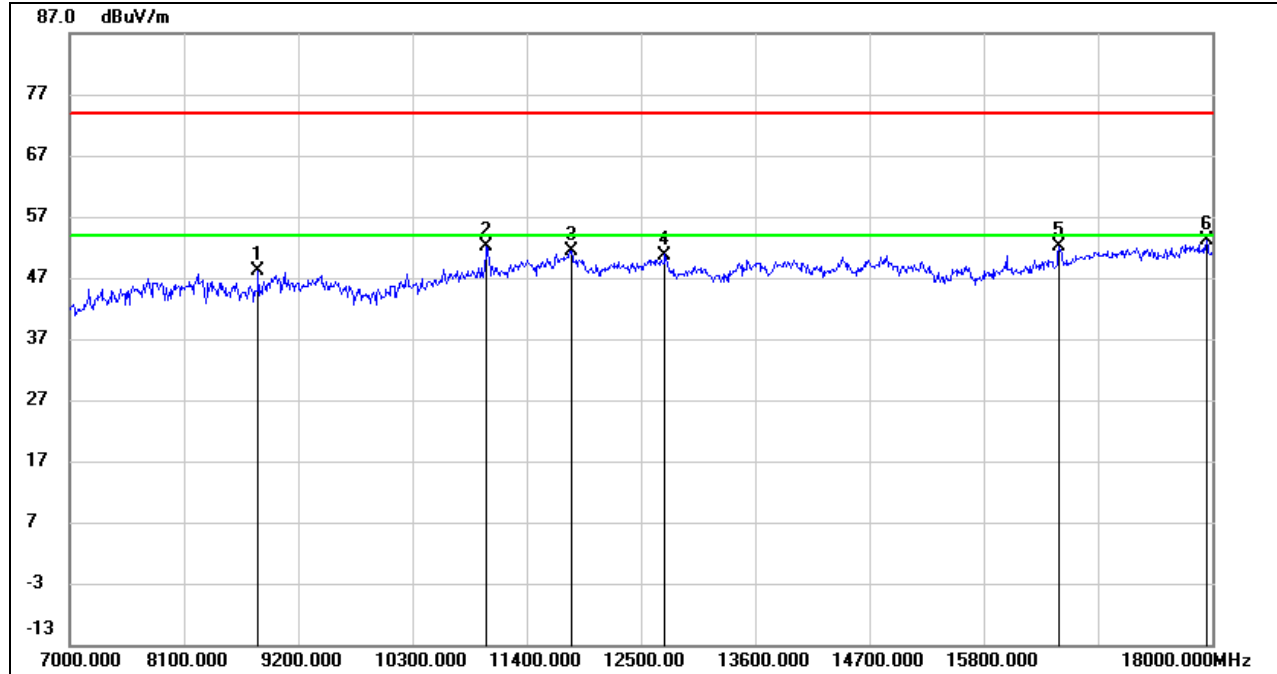


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8980.000        | 37.06          | 10.41          | 47.47           | 74.00          | -26.53      | peak   |
| 2   | 10619.000       | 52.85          | 12.39          | 65.24           | 74.00          | -8.76       | peak   |
| 3   | 10619.000       | 39.08          | 12.39          | 51.47           | 54.00          | -2.53       | AVG    |
| 4   | 11829.000       | 36.35          | 15.57          | 51.92           | 74.00          | -22.08      | peak   |
| 5   | 13908.000       | 33.97          | 16.90          | 50.87           | 74.00          | -23.13      | peak   |
| 6   | 15932.000       | 35.08          | 17.09          | 52.17           | 74.00          | -21.83      | peak   |
| 7   | 17351.000       | 31.34          | 20.81          | 52.15           | 74.00          | -21.85      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2C BAND- PCB ANTENNA

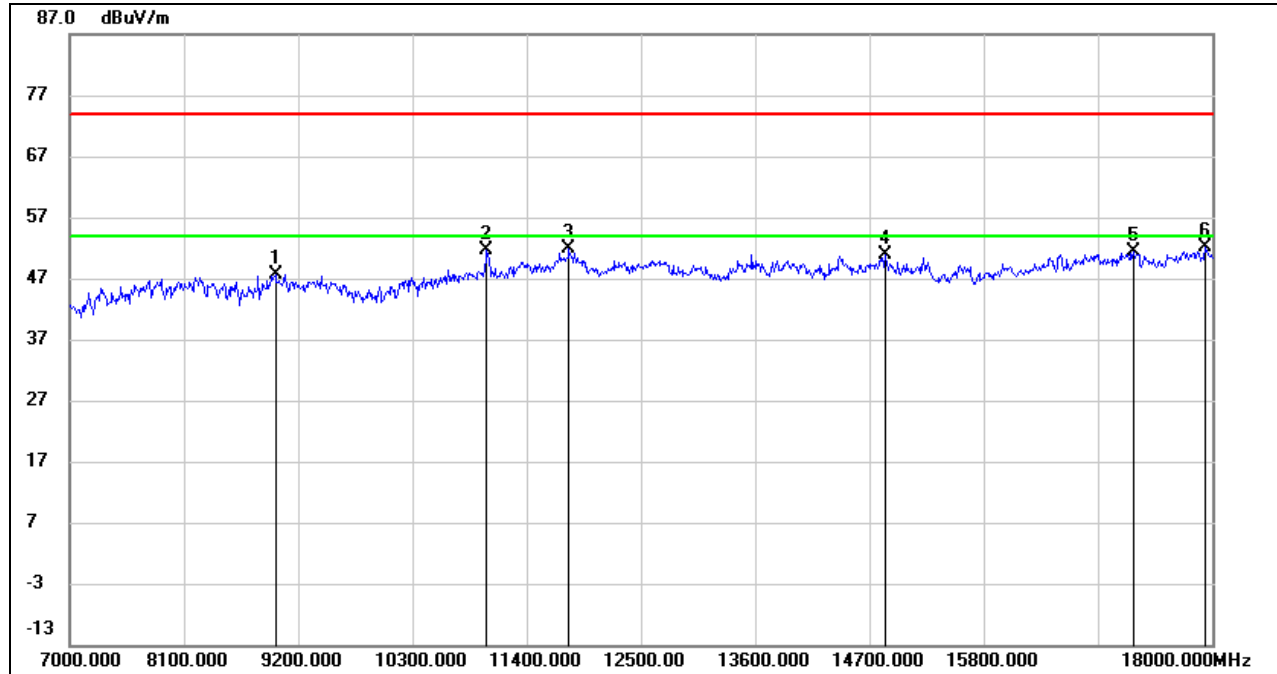
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8815.000        | 39.44          | 8.68           | 48.12           | 74.00          | -25.88      | peak   |
| 2   | 11015.000       | 38.79          | 13.29          | 52.08           | 74.00          | -21.92      | peak   |
| 3   | 11829.000       | 35.88          | 15.57          | 51.45           | 74.00          | -22.55      | peak   |
| 4   | 12731.000       | 35.22          | 15.53          | 50.75           | 74.00          | -23.25      | peak   |
| 5   | 16526.000       | 32.79          | 19.23          | 52.02           | 74.00          | -21.98      | peak   |
| 6   | 17945.000       | 30.38          | 22.68          | 53.06           | 74.00          | -20.94      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/T_{on}$ , where:  $T_{on}$  is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8980.000        | 37.21          | 10.41          | 47.62           | 74.00          | -26.38      | peak   |
| 2   | 11015.000       | 38.30          | 13.29          | 51.59           | 74.00          | -22.41      | peak   |
| 3   | 11807.000       | 36.23          | 15.61          | 51.84           | 74.00          | -22.16      | peak   |
| 4   | 14854.000       | 34.01          | 16.83          | 50.84           | 74.00          | -23.16      | peak   |
| 5   | 17241.000       | 30.48          | 20.97          | 51.45           | 74.00          | -22.55      | peak   |
| 6   | 17934.000       | 29.44          | 22.69          | 52.13           | 74.00          | -21.87      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

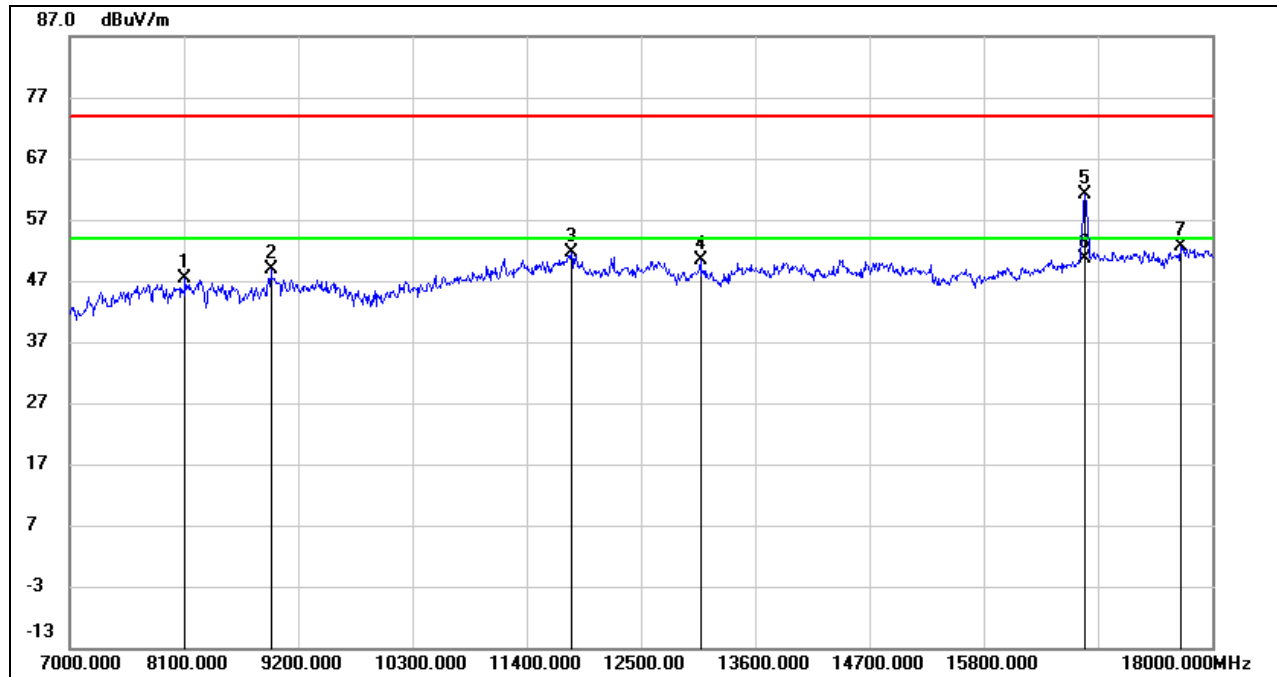
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8111.000           | 38.80             | 8.61              | 47.41              | 74.00             | -26.59         | peak   |
| 2   | 8936.000           | 39.03             | 9.96              | 48.99              | 74.00             | -25.01         | peak   |
| 3   | 11829.000          | 36.12             | 15.57             | 51.69              | 74.00             | -22.31         | peak   |
| 4   | 13072.000          | 34.86             | 15.49             | 50.35              | 74.00             | -23.65         | peak   |
| 5   | 16768.000          | 41.54             | 19.70             | 61.24              | 74.00             | -12.76         | peak   |
| 6   | 16768.000          | 30.84             | 19.70             | 50.54              | 54.00             | -3.46          | AVG    |
| 7   | 17692.000          | 30.78             | 21.87             | 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. AVG:  $VBW=1/T_{on}$ , where:  $T_{on}$  is the transmitting duration.

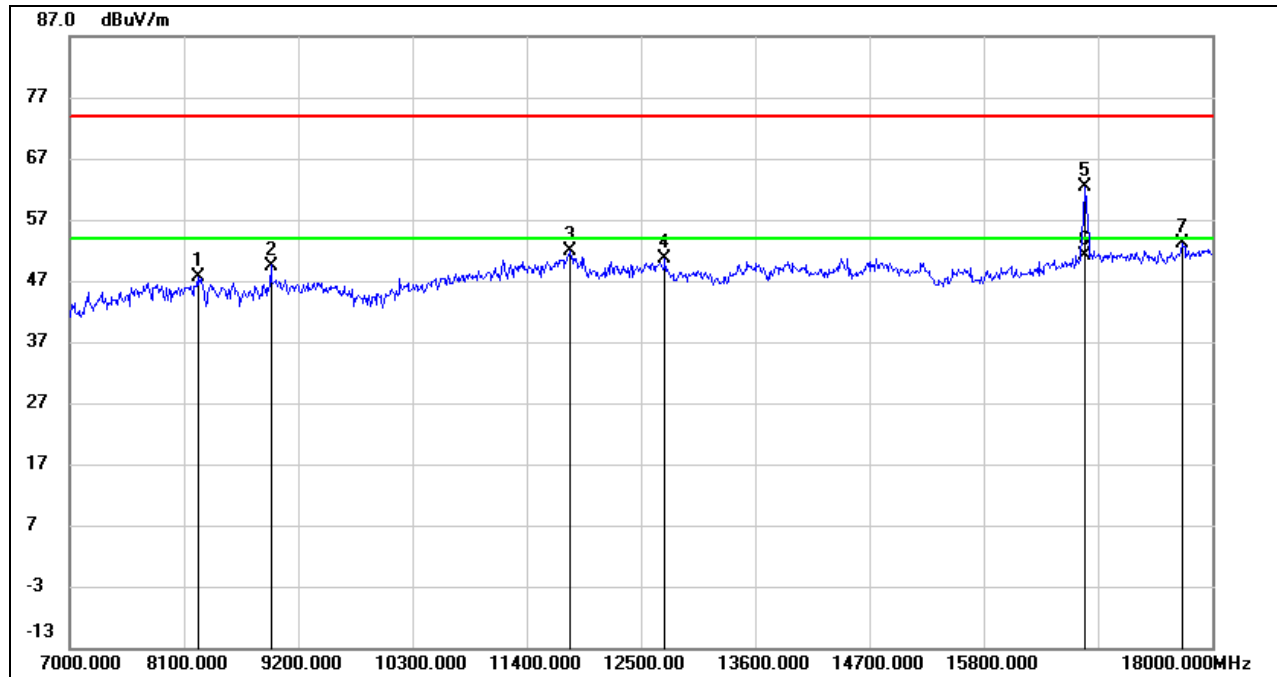
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

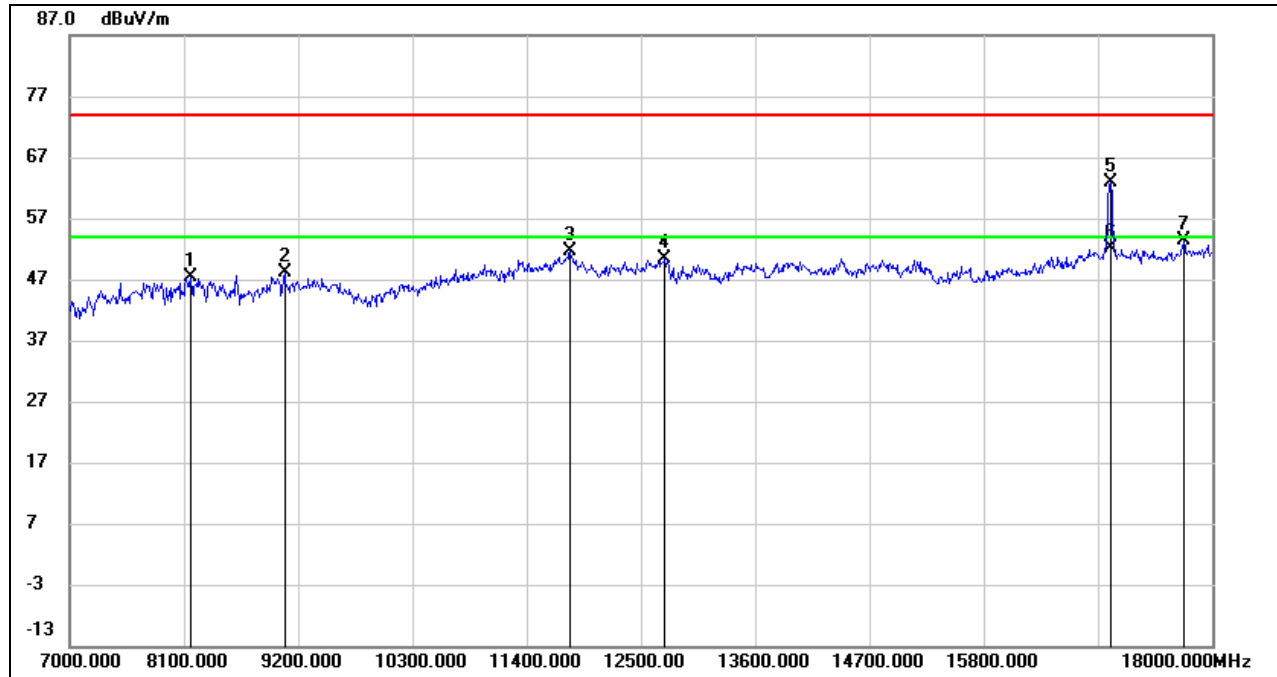
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8232.000        | 38.31          | 9.23           | 47.54           | 74.00          | -26.46      | peak   |
| 2   | 8936.000        | 39.54          | 9.96           | 49.50           | 74.00          | -24.50      | peak   |
| 3   | 11818.000       | 36.26          | 15.58          | 51.84           | 74.00          | -22.16      | peak   |
| 4   | 12731.000       | 35.04          | 15.53          | 50.57           | 74.00          | -23.43      | peak   |
| 5   | 16779.000       | 42.67          | 19.72          | 62.39           | 74.00          | -11.61      | peak   |
| 6   | 16779.000       | 31.42          | 19.72          | 51.14           | 54.00          | -2.86       | AVG    |
| 7   | 17714.000       | 31.03          | 22.04          | 53.07           | 74.00          | -20.93      | peak   |

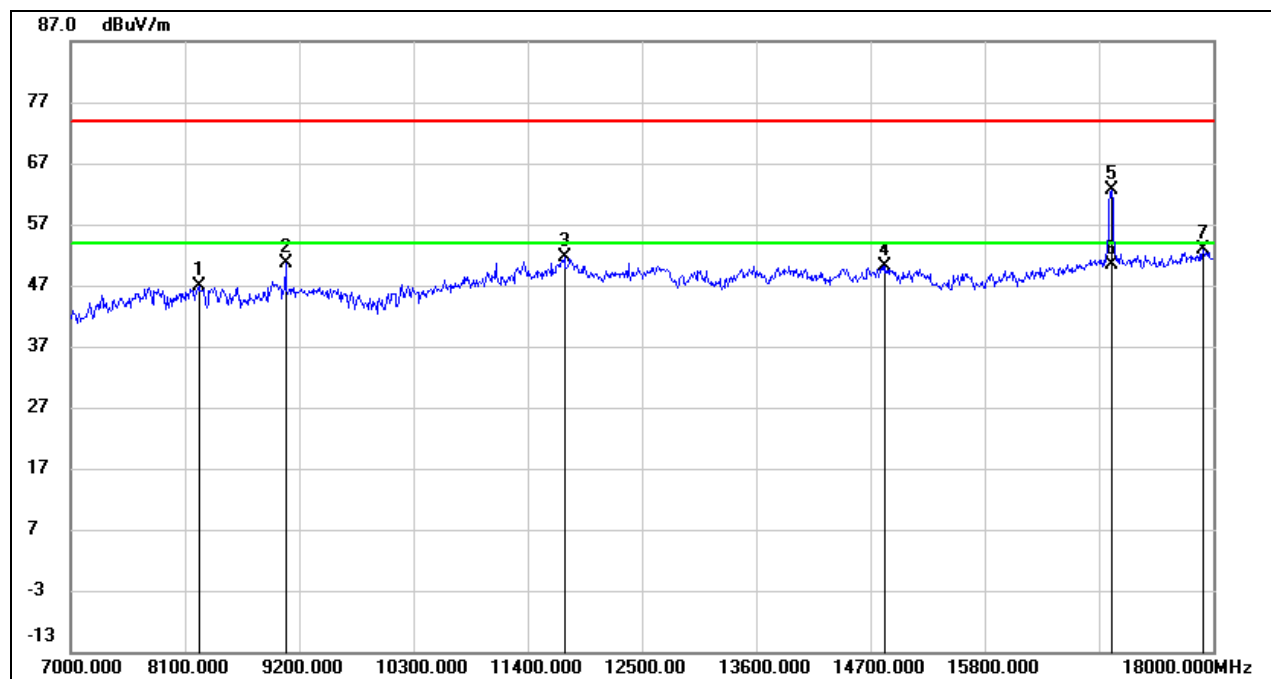
Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**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        | 38.22          | 9.07           | 47.29           | 74.00          | -26.71      | peak   |
| 2   | 9068.000        | 37.95          | 10.17          | 48.12           | 74.00          | -25.88      | peak   |
| 3   | 11818.000       | 35.98          | 15.58          | 51.56           | 74.00          | -22.44      | peak   |
| 4   | 12731.000       | 34.85          | 15.53          | 50.38           | 74.00          | -23.62      | peak   |
| 5   | 17021.000       | 42.55          | 20.32          | 62.87           | 74.00          | -11.13      | peak   |
| 6   | 17021.000       | 31.92          | 20.32          | 52.24           | 54.00          | -1.76       | AVG    |
| 7   | 17725.000       | 31.20          | 22.13          | 53.33           | 74.00          | -20.67      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

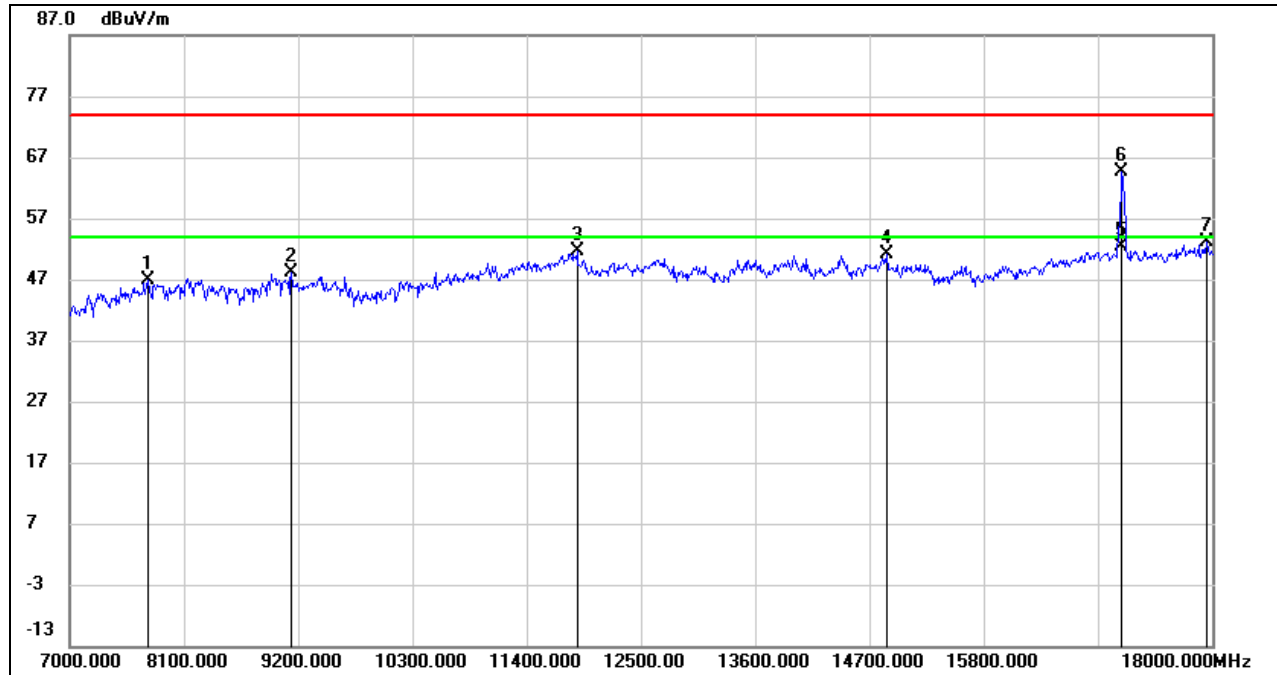


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8232.000        | 37.77          | 9.23           | 47.00           | 74.00          | -27.00      | peak   |
| 2   | 9068.000        | 40.41          | 10.17          | 50.58           | 74.00          | -23.42      | peak   |
| 3   | 11752.000       | 36.18          | 15.35          | 51.53           | 74.00          | -22.47      | peak   |
| 4   | 14843.000       | 33.24          | 16.82          | 50.06           | 74.00          | -23.94      | peak   |
| 5   | 17021.000       | 42.19          | 20.32          | 62.51           | 74.00          | -11.49      | peak   |
| 6   | 17021.000       | 30.09          | 20.32          | 50.41           | 54.00          | -3.59       | AVG    |
| 7   | 17901.000       | 30.26          | 22.69          | 52.95           | 74.00          | -21.05      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## STRADDLE CHANNEL 142 – PCB ANTENNA

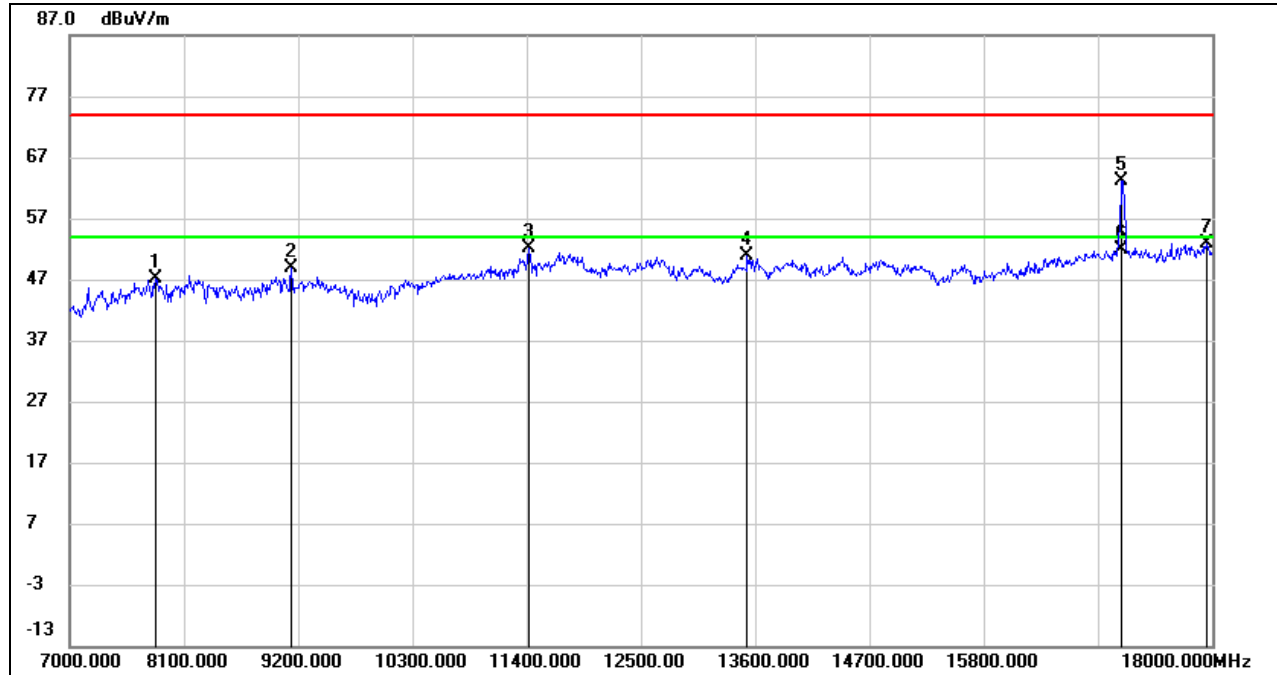
### HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 7748.000           | 38.77             | 8.05              | 46.82              | 74.00             | -27.18         | peak   |
| 2   | 9134.000           | 38.43             | 9.73              | 48.16              | 74.00             | -25.84         | peak   |
| 3   | 11884.000          | 36.23             | 15.49             | 51.72              | 74.00             | -22.28         | peak   |
| 4   | 14865.000          | 34.26             | 16.83             | 51.09              | 74.00             | -22.91         | peak   |
| 5   | 17131.000          | 31.73             | 20.76             | 52.49              | 54.00             | -1.51          | AVG    |
| 6   | 17131.000          | 43.89             | 20.76             | 64.65              | 74.00             | -9.35          | peak   |
| 7   | 17945.000          | 30.43             | 22.68             | 53.11              | 74.00             | -20.89         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7825.000        | 38.92          | 8.18           | 47.10           | 74.00          | -26.90      | peak   |
| 2   | 9134.000        | 39.14          | 9.73           | 48.87           | 74.00          | -25.13      | peak   |
| 3   | 11422.000       | 37.89          | 14.25          | 52.14           | 74.00          | -21.86      | peak   |
| 4   | 13523.000       | 34.44          | 16.42          | 50.86           | 74.00          | -23.14      | peak   |
| 5   | 17131.000       | 42.43          | 20.76          | 63.19           | 74.00          | -10.81      | peak   |
| 6   | 17131.000       | 31.08          | 20.76          | 51.84           | 54.00          | -2.16       | AVG    |
| 7   | 17945.000       | 30.15          | 22.68          | 52.83           | 74.00          | -21.17      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

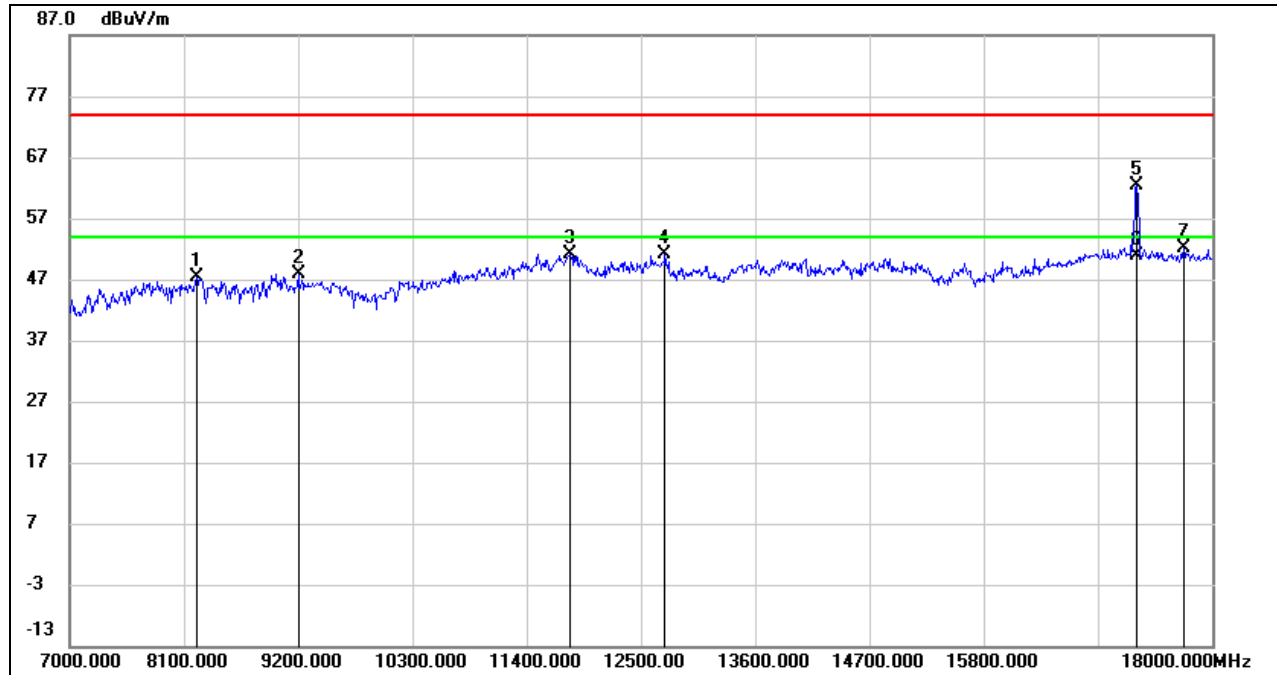
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-3 BAND – PCB ANTENNA

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



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8221.000           | 38.08             | 9.28              | 47.36              | 74.00             | -26.64         | peak   |
| 2   | 9200.000           | 38.64             | 9.29              | 47.93              | 74.00             | -26.07         | peak   |
| 3   | 11818.000          | 35.50             | 15.58             | 51.08              | 74.00             | -22.92         | peak   |
| 4   | 12731.000          | 35.50             | 15.53             | 51.03              | 74.00             | -22.97         | peak   |
| 5   | 17274.000          | 41.50             | 20.93             | 62.43              | 74.00             | -11.57         | peak   |
| 6   | 17274.000          | 29.89             | 20.93             | 50.82              | 54.00             | -3.18          | AVG    |
| 7   | 17725.000          | 29.96             | 22.13             | 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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

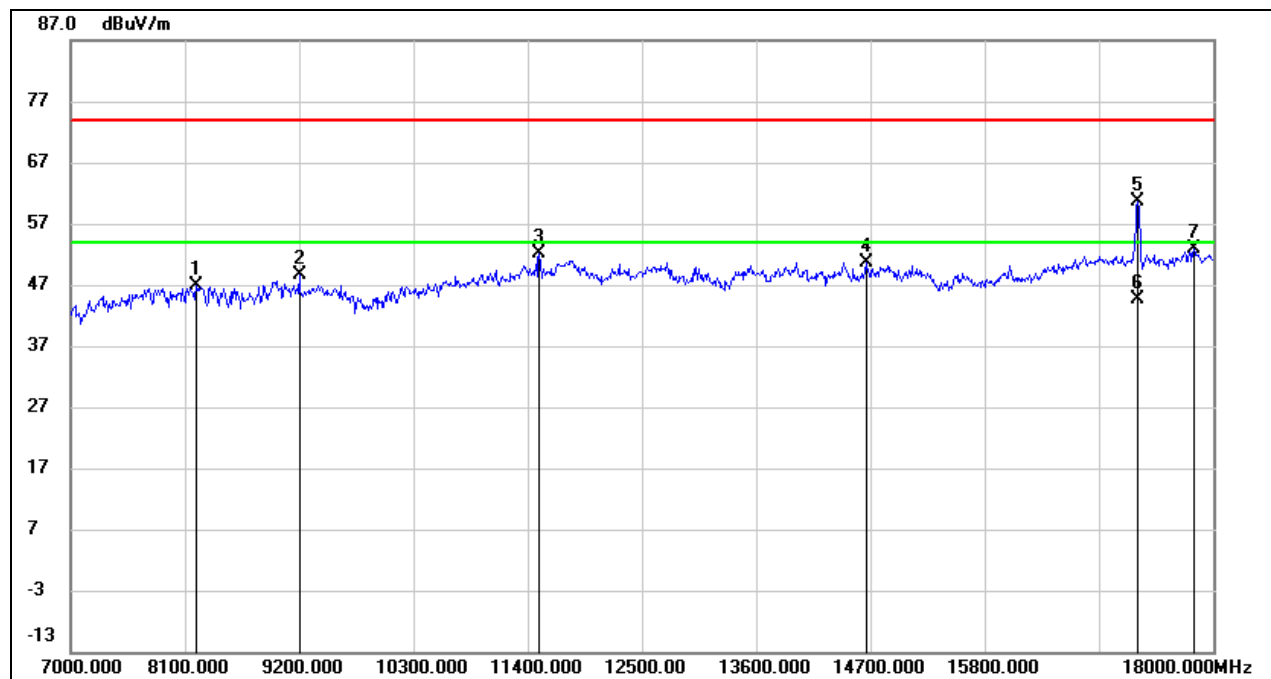
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8210.000           | 37.53             | 9.32              | 46.85              | 74.00             | -27.15         | peak   |
| 2   | 9200.000           | 39.31             | 9.29              | 48.60              | 74.00             | -25.40         | peak   |
| 3   | 11510.000          | 37.67             | 14.37             | 52.04              | 74.00             | -21.96         | peak   |
| 4   | 14656.000          | 34.00             | 16.56             | 50.56              | 74.00             | -23.44         | peak   |
| 5   | 17274.000          | 39.80             | 20.93             | 60.73              | 74.00             | -13.27         | peak   |
| 6   | 17274.000          | 23.61             | 20.93             | 44.54              | 54.00             | -9.46          | AVG    |
| 7   | 17813.000          | 30.05             | 22.72             | 52.77              | 74.00             | -21.23         | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/T_{on}$ , where:  $T_{on}$  is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

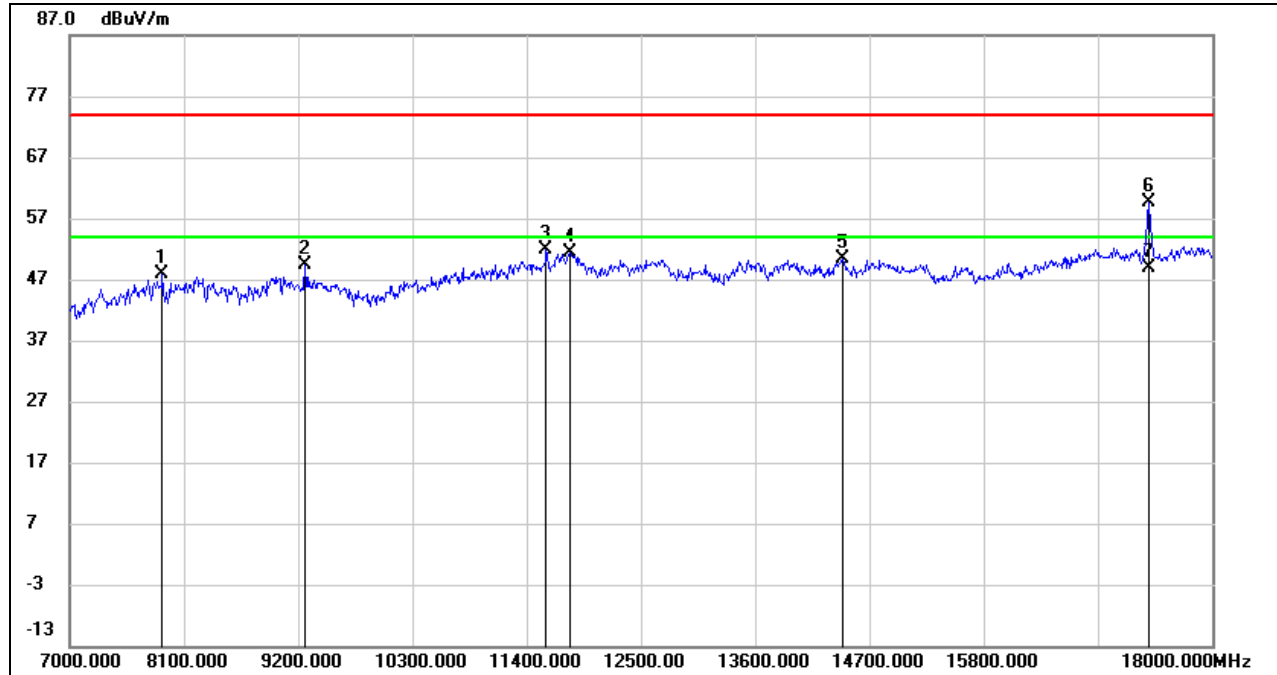
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



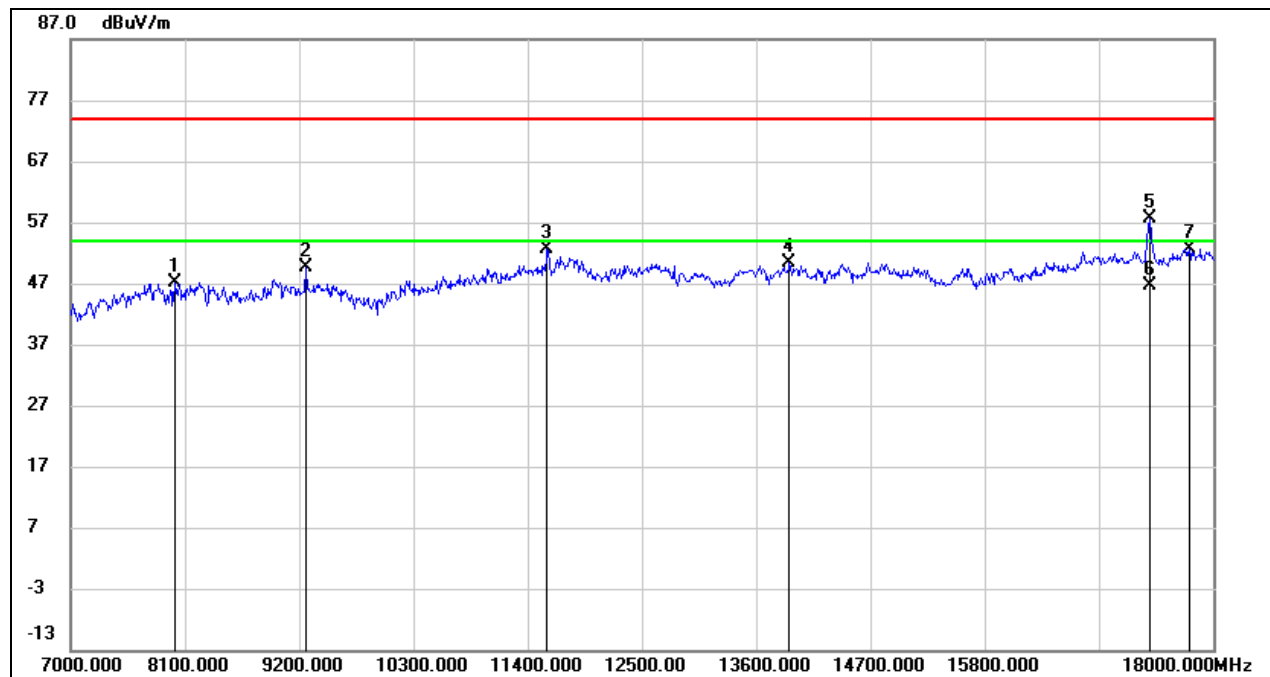
### HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 7891.000           | 39.78             | 7.98              | 47.76              | 74.00             | -26.24         | peak   |
| 2   | 9266.000           | 39.81             | 9.62              | 49.43              | 74.00             | -24.57         | peak   |
| 3   | 11587.000          | 37.46             | 14.50             | 51.96              | 74.00             | -22.04         | peak   |
| 4   | 11818.000          | 35.72             | 15.58             | 51.30              | 74.00             | -22.70         | peak   |
| 5   | 14436.000          | 33.56             | 16.79             | 50.35              | 74.00             | -23.65         | peak   |
| 6   | 17384.000          | 38.92             | 20.76             | 59.68              | 74.00             | -14.32         | peak   |
| 7   | 17384.000          | 28.11             | 20.76             | 48.87              | 54.00             | -5.13          | 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   | 8001.000        | 39.37          | 7.67           | 47.04           | 74.00          | -26.96      | peak   |
| 2   | 9266.000        | 39.94          | 9.62           | 49.56           | 74.00          | -24.44      | peak   |
| 3   | 11587.000       | 38.17          | 14.50          | 52.67           | 74.00          | -21.33      | peak   |
| 4   | 13919.000       | 33.61          | 16.89          | 50.50           | 74.00          | -23.50      | peak   |
| 5   | 17384.000       | 36.94          | 20.76          | 57.70           | 74.00          | -16.30      | peak   |
| 6   | 17384.000       | 25.98          | 20.76          | 46.74           | 54.00          | -7.26       | AVG    |
| 7   | 17769.000       | 30.10          | 22.48          | 52.58           | 74.00          | -21.42      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

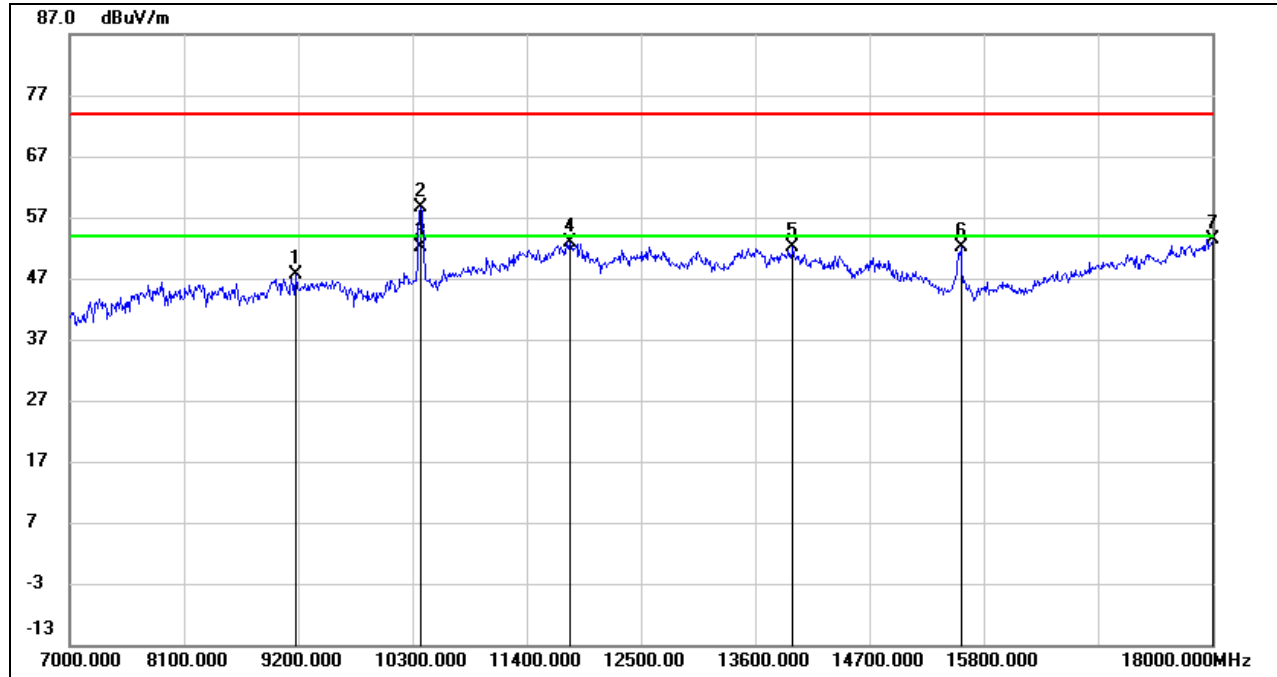
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-1 BAND – FPC ANTENNA

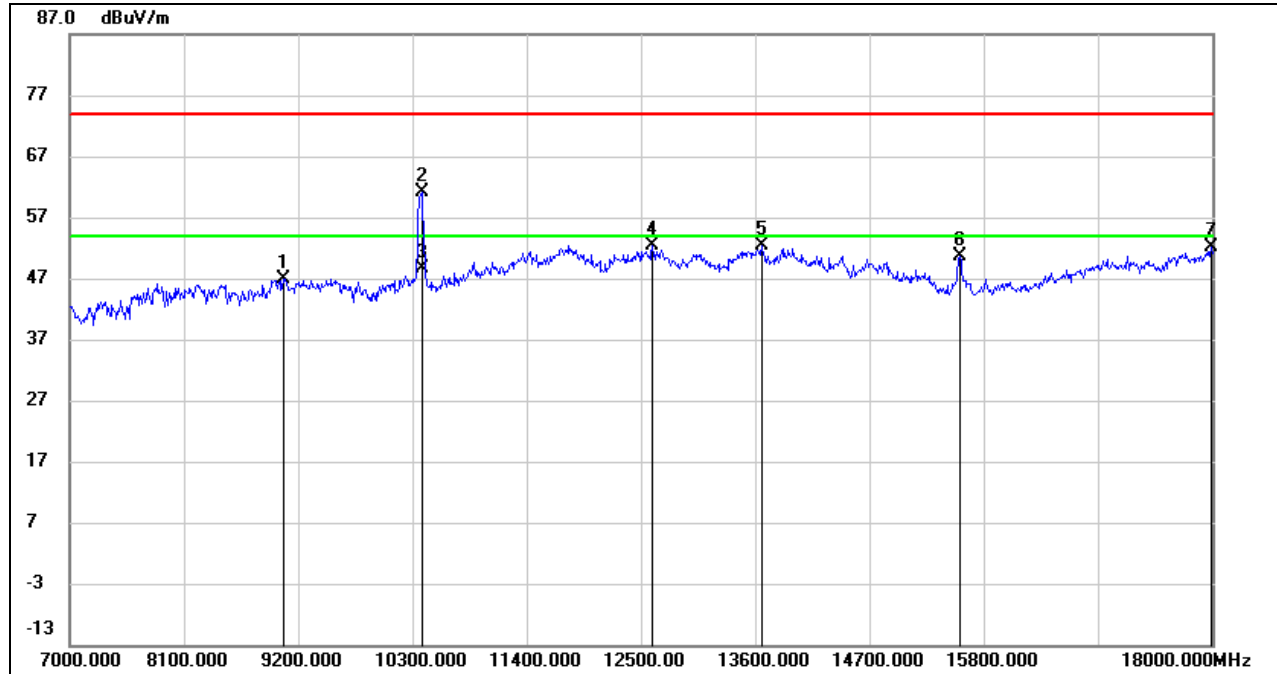
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 9178.000        | 38.51          | 9.07           | 47.58           | 74.00          | -26.42      | peak   |
| 2   | 10377.000       | 46.77          | 11.90          | 58.67           | 74.00          | -15.33      | peak   |
| 3   | 10377.000       | 40.33          | 11.90          | 52.23           | 54.00          | -1.77       | AVG    |
| 4   | 11818.000       | 35.52          | 17.31          | 52.83           | 74.00          | -21.17      | peak   |
| 5   | 13968.500       | 33.65          | 18.58          | 52.23           | 74.00          | -21.77      | peak   |
| 6   | 15580.000       | 37.45          | 14.62          | 52.07           | 74.00          | -21.93      | peak   |
| 7   | 18000.000       | 30.02          | 23.37          | 53.39           | 74.00          | -20.61      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 9062.500        | 37.22          | 9.76           | 46.98           | 74.00          | -27.02      | peak   |
| 2   | 10393.500       | 49.10          | 11.94          | 61.04           | 74.00          | -12.96      | peak   |
| 3   | 10393.500       | 36.59          | 11.94          | 48.53           | 54.00          | -5.47       | AVG    |
| 4   | 12615.500       | 35.70          | 16.66          | 52.36           | 74.00          | -21.64      | peak   |
| 5   | 13671.500       | 33.96          | 18.51          | 52.47           | 74.00          | -21.53      | peak   |
| 6   | 15569.000       | 36.02          | 14.62          | 50.64           | 74.00          | -23.36      | peak   |
| 7   | 17989.000       | 28.72          | 23.34          | 52.06           | 74.00          | -21.94      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

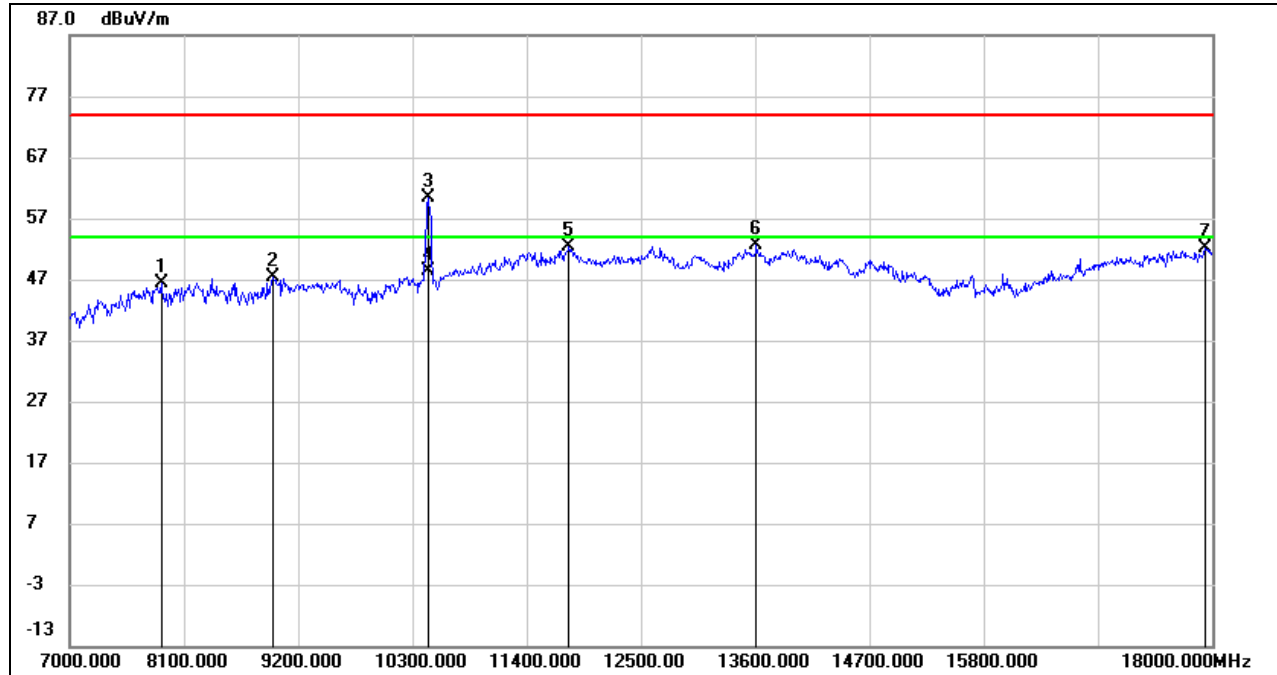
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 7880.000        | 38.98          | 7.39           | 46.37           | 74.00          | -27.63      | peak   |
| 2   | 8963.500        | 37.58          | 9.73           | 47.31           | 74.00          | -26.69      | peak   |
| 3   | 10459.500       | 48.03          | 12.25          | 60.28           | 74.00          | -13.72      | peak   |
| 4   | 10459.500       | 36.01          | 12.25          | 48.26           | 54.00          | -5.74       | AVG    |
| 5   | 11812.500       | 35.17          | 17.33          | 52.50           | 74.00          | -21.50      | peak   |
| 6   | 13611.000       | 34.14          | 18.39          | 52.53           | 74.00          | -21.47      | peak   |
| 7   | 17939.500       | 28.99          | 23.22          | 52.21           | 74.00          | -21.79      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

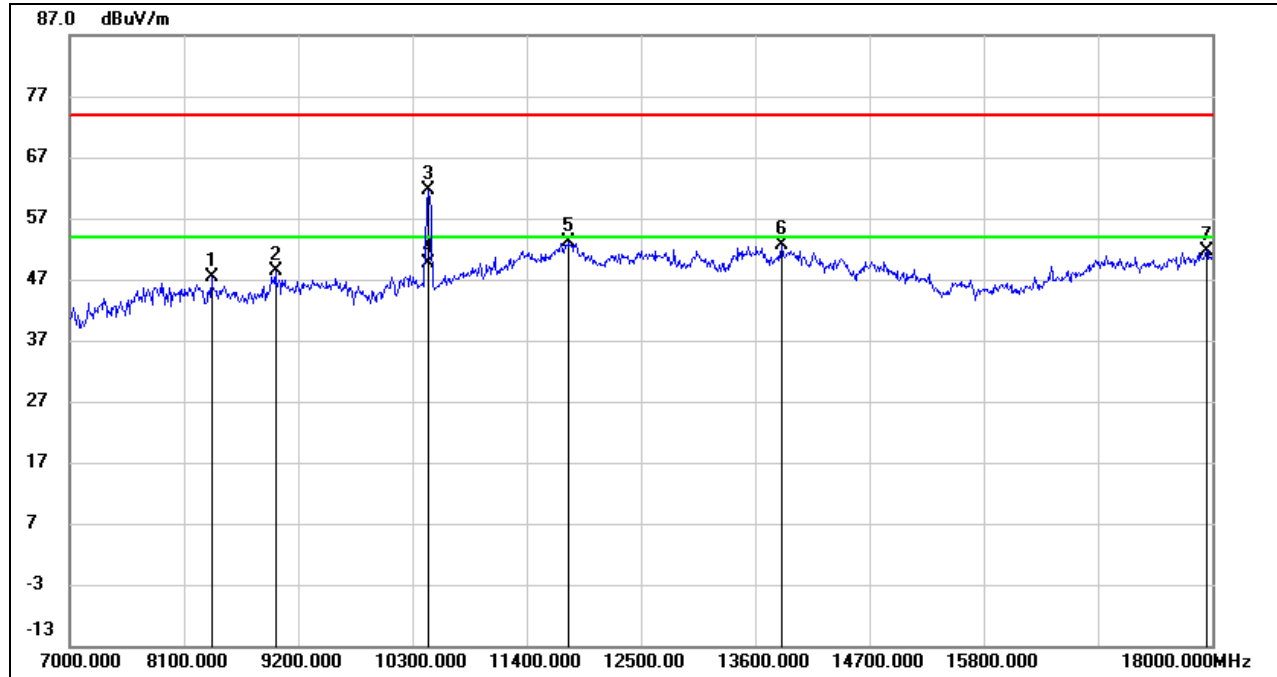
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

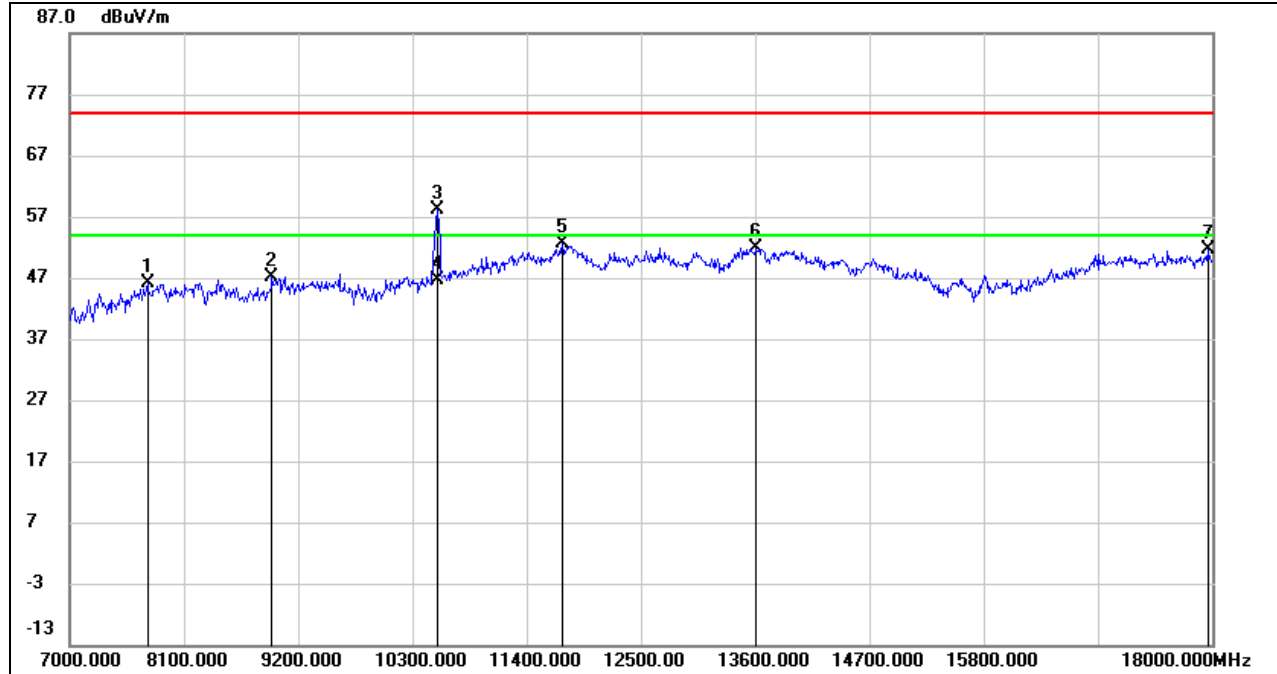


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8364.000        | 39.37          | 8.05           | 47.42           | 74.00          | -26.58      | peak   |
| 2   | 8980.000        | 38.52          | 9.91           | 48.43           | 74.00          | -25.57      | peak   |
| 3   | 10454.000       | 49.37          | 12.24          | 61.61           | 74.00          | -12.39      | peak   |
| 4   | 10454.000       | 37.31          | 12.24          | 49.55           | 54.00          | -4.45       | AVG    |
| 5   | 11812.500       | 35.89          | 17.33          | 53.22           | 74.00          | -20.78      | peak   |
| 6   | 13858.500       | 34.02          | 18.71          | 52.73           | 74.00          | -21.27      | peak   |
| 7   | 17945.000       | 28.45          | 23.23          | 51.68           | 74.00          | -22.32      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2A BAND- FPC ANTENNA

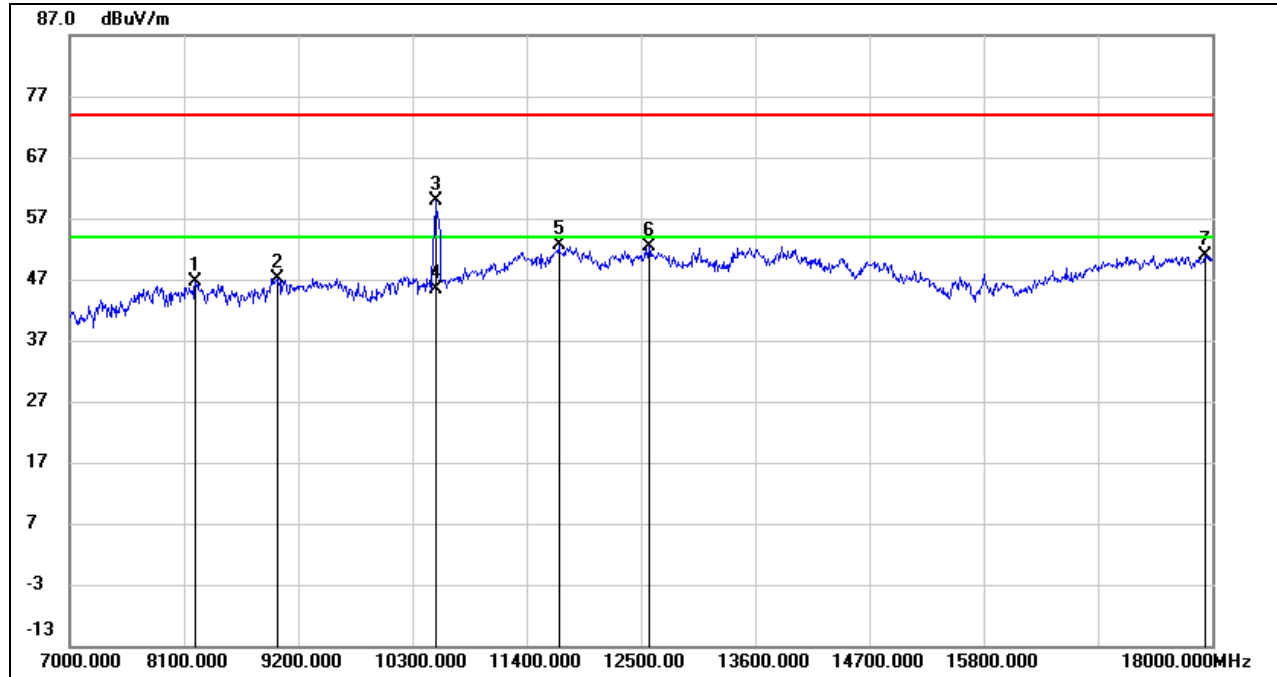
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7753.500        | 38.81          | 7.41           | 46.22           | 74.00          | -27.78      | peak   |
| 2   | 8947.000        | 37.61          | 9.55           | 47.16           | 74.00          | -26.84      | peak   |
| 3   | 10542.000       | 45.41          | 12.66          | 58.07           | 74.00          | -15.93      | peak   |
| 4   | 10542.000       | 34.02          | 12.66          | 46.68           | 54.00          | -7.32       | AVG    |
| 5   | 11746.500       | 35.62          | 17.07          | 52.69           | 74.00          | -21.31      | peak   |
| 6   | 13616.500       | 33.53          | 18.40          | 51.93           | 74.00          | -22.07      | peak   |
| 7   | 17956.000       | 28.34          | 23.26          | 51.60           | 74.00          | -22.40      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8215.500        | 38.04          | 8.65           | 46.69           | 74.00          | -27.31      | peak   |
| 2   | 9002.000        | 37.10          | 10.11          | 47.21           | 74.00          | -26.79      | peak   |
| 3   | 10525.500       | 47.31          | 12.58          | 59.89           | 74.00          | -14.11      | peak   |
| 4   | 10525.500       | 32.71          | 12.58          | 45.29           | 54.00          | -8.71       | AVG    |
| 5   | 11708.000       | 35.67          | 16.87          | 52.54           | 74.00          | -21.46      | peak   |
| 6   | 12577.000       | 35.71          | 16.64          | 52.35           | 74.00          | -21.65      | peak   |
| 7   | 17939.500       | 27.68          | 23.22          | 50.90           | 74.00          | -23.10      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

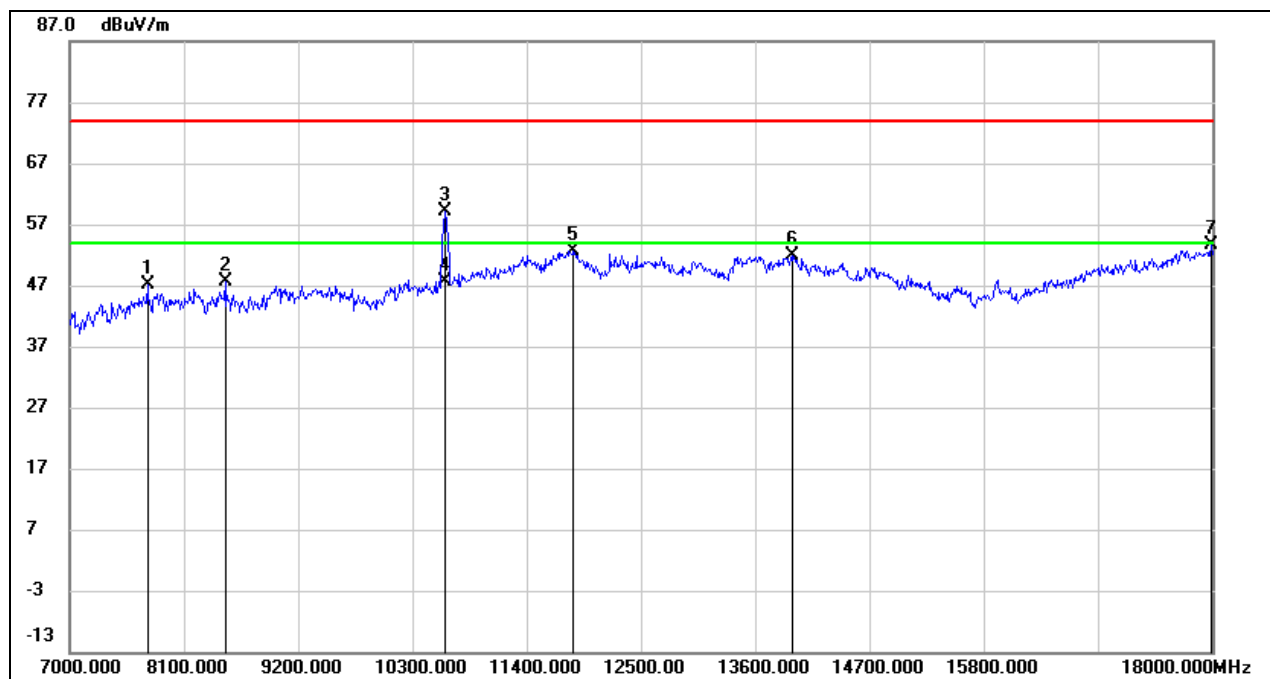
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 7748.000        | 39.73          | 7.40           | 47.13           | 74.00          | -26.87      | peak   |
| 2   | 8496.000        | 39.68          | 7.83           | 47.51           | 74.00          | -26.49      | peak   |
| 3   | 10619.000       | 46.02          | 12.99          | 59.01           | 74.00          | -14.99      | peak   |
| 4   | 10619.000       | 34.69          | 12.99          | 47.68           | 54.00          | -6.32       | AVG    |
| 5   | 11856.500       | 35.46          | 17.26          | 52.72           | 74.00          | -21.28      | peak   |
| 6   | 13952.000       | 33.22          | 18.61          | 51.83           | 74.00          | -22.17      | peak   |
| 7   | 17994.500       | 30.20          | 23.36          | 53.56           | 74.00          | -20.44      | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

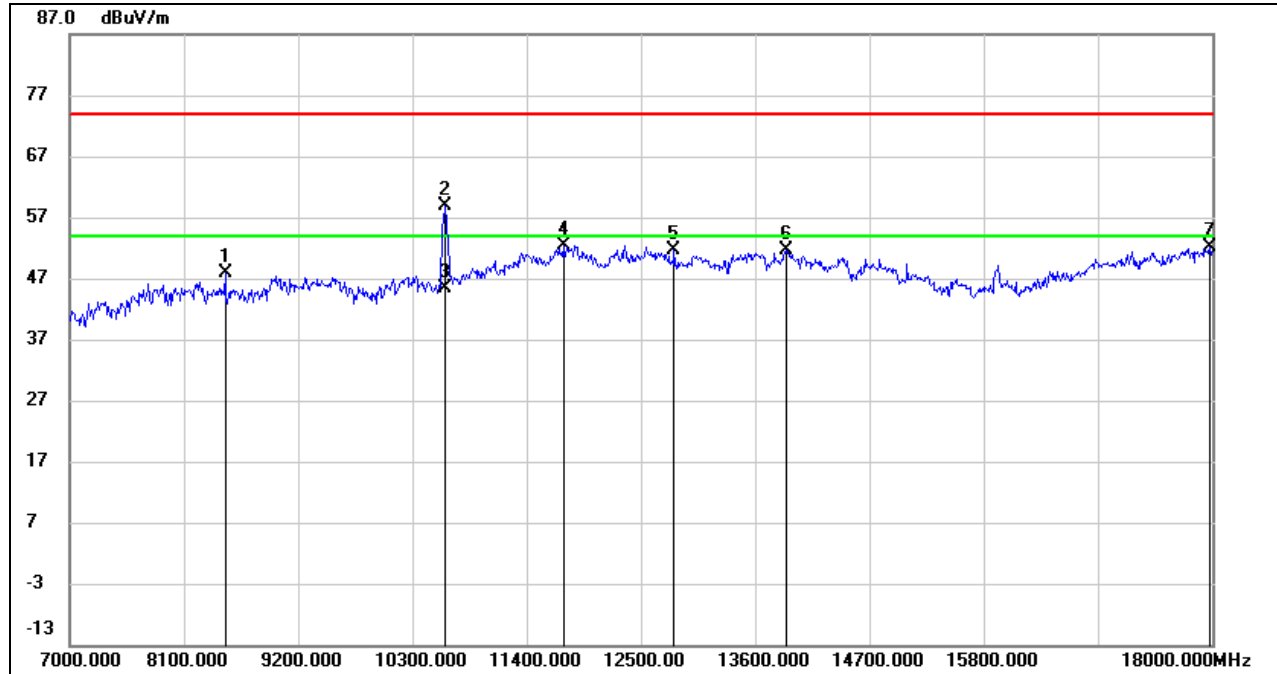
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## 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   | 8496.000        | 39.95          | 7.83           | 47.78           | 74.00          | -26.22      | peak   |
| 2   | 10619.000       | 45.95          | 12.99          | 58.94           | 74.00          | -15.06      | peak   |
| 3   | 10619.000       | 32.37          | 12.99          | 45.36           | 54.00          | -8.64       | AVG    |
| 4   | 11752.000       | 35.36          | 17.10          | 52.46           | 74.00          | -21.54      | peak   |
| 5   | 12824.500       | 34.51          | 17.05          | 51.56           | 74.00          | -22.44      | peak   |
| 6   | 13897.000       | 32.89          | 18.66          | 51.55           | 74.00          | -22.45      | peak   |
| 7   | 17983.500       | 28.76          | 23.33          | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

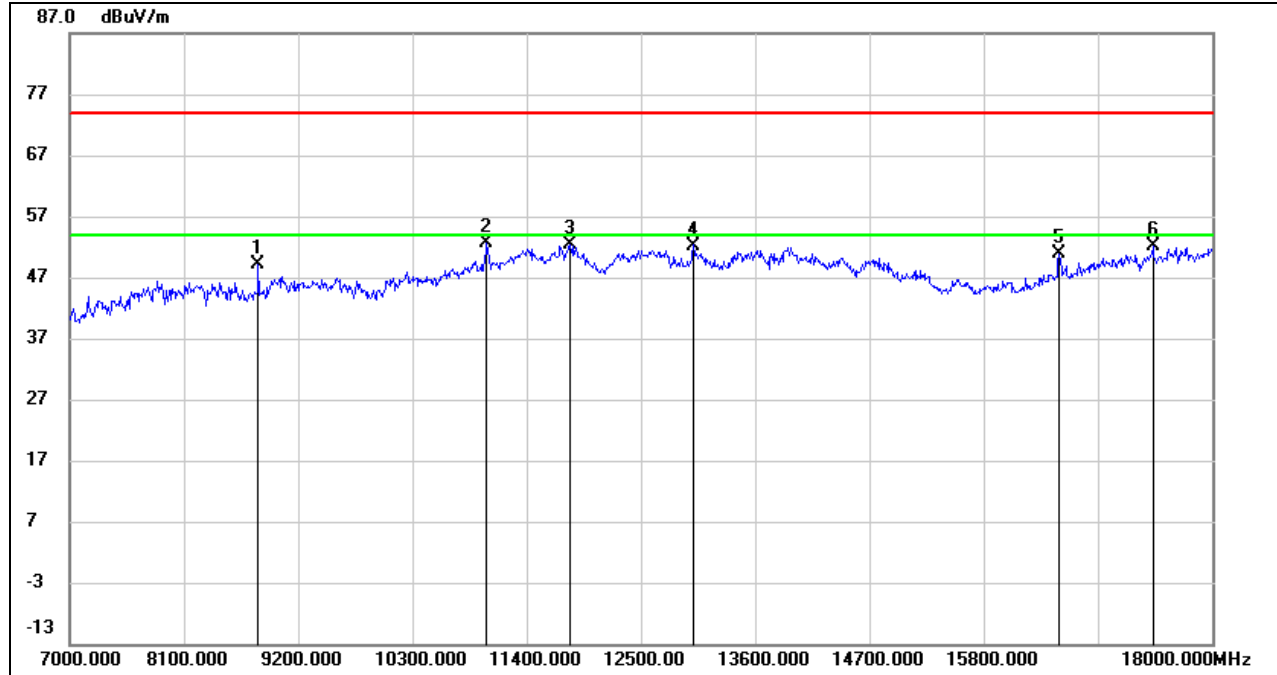
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2C BAND- FPC ANTENNA

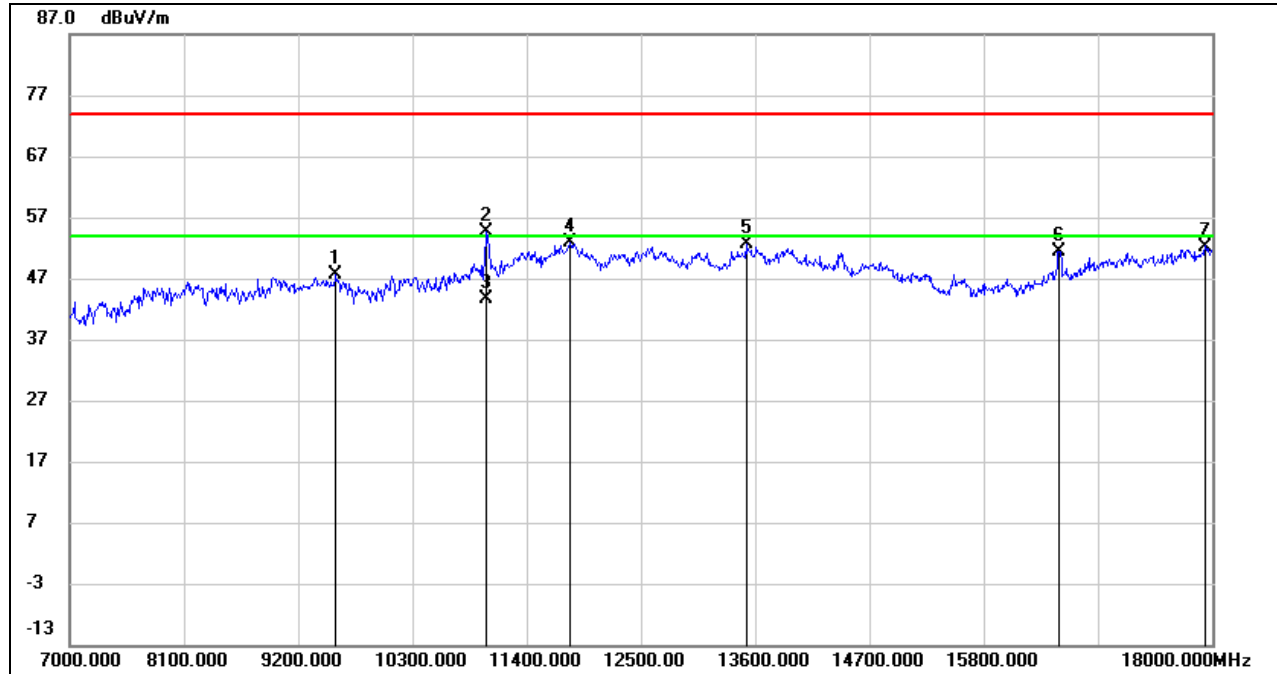
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8815.000        | 40.93          | 8.11           | 49.04           | 74.00          | -24.96      | peak   |
| 2   | 11020.500       | 38.37          | 14.23          | 52.60           | 74.00          | -21.40      | peak   |
| 3   | 11823.500       | 34.95          | 17.32          | 52.27           | 74.00          | -21.73      | peak   |
| 4   | 13006.000       | 35.35          | 16.90          | 52.25           | 74.00          | -21.75      | peak   |
| 5   | 16526.000       | 33.94          | 16.87          | 50.81           | 74.00          | -23.19      | peak   |
| 6   | 17428.000       | 32.16          | 19.92          | 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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
 5. For the transmitting duration, please refer to clause 7.1.  
 6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
 7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
 8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 9568.500        | 37.07          | 10.46          | 47.53           | 74.00          | -26.47      | peak   |
| 2   | 11020.500       | 40.43          | 14.23          | 54.66           | 74.00          | -19.34      | peak   |
| 3   | 11020.500       | 29.40          | 14.23          | 43.63           | 54.00          | -10.37      | AVG    |
| 4   | 11818.000       | 35.50          | 17.31          | 52.81           | 74.00          | -21.19      | peak   |
| 5   | 13512.000       | 34.11          | 18.41          | 52.52           | 74.00          | -21.48      | peak   |
| 6   | 16526.000       | 34.62          | 16.87          | 51.49           | 74.00          | -22.51      | peak   |
| 7   | 17939.500       | 29.03          | 23.22          | 52.25           | 74.00          | -21.75      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/T_{on}$ , where:  $T_{on}$  is the transmitting duration.

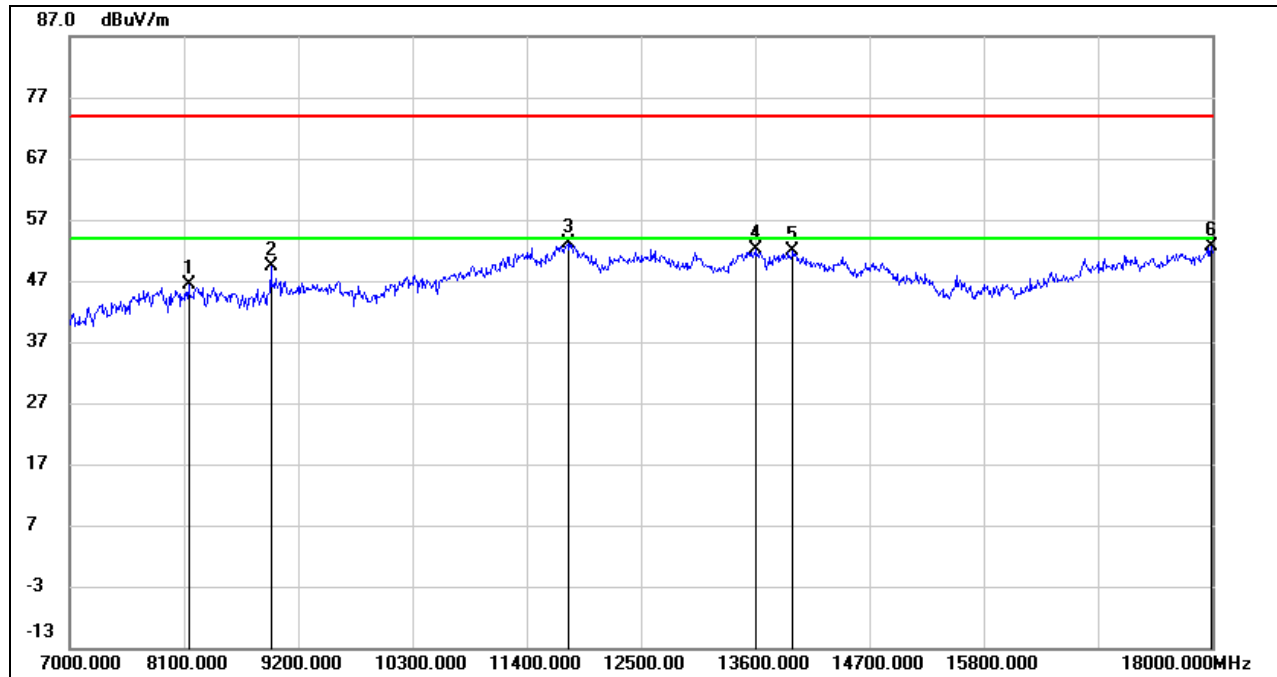
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8149.500        | 38.09          | 8.30           | 46.39           | 74.00          | -27.61      | peak   |
| 2   | 8941.500        | 39.99          | 9.49           | 49.48           | 74.00          | -24.52      | peak   |
| 3   | 11801.500       | 35.85          | 17.35          | 53.20           | 74.00          | -20.80      | peak   |
| 4   | 13605.500       | 33.63          | 18.38          | 52.01           | 74.00          | -21.99      | peak   |
| 5   | 13963.000       | 33.18          | 18.59          | 51.77           | 74.00          | -22.23      | peak   |
| 6   | 17994.500       | 29.19          | 23.36          | 52.55           | 74.00          | -21.45      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

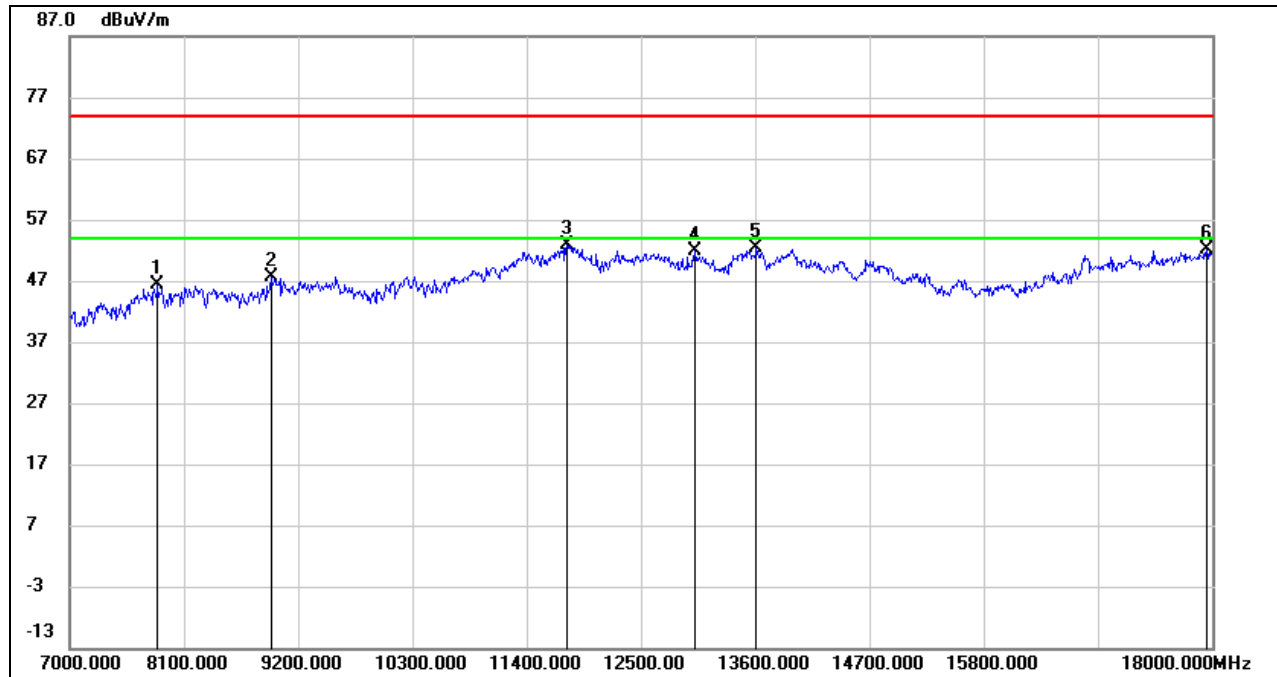
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

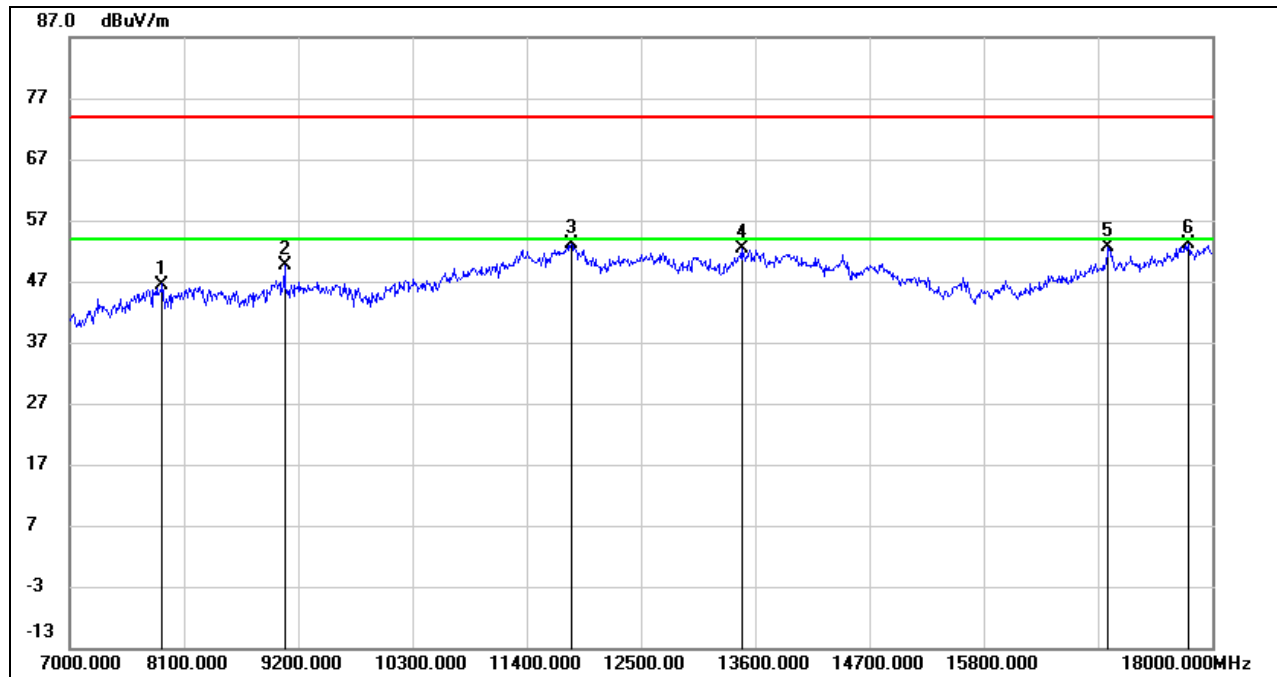
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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



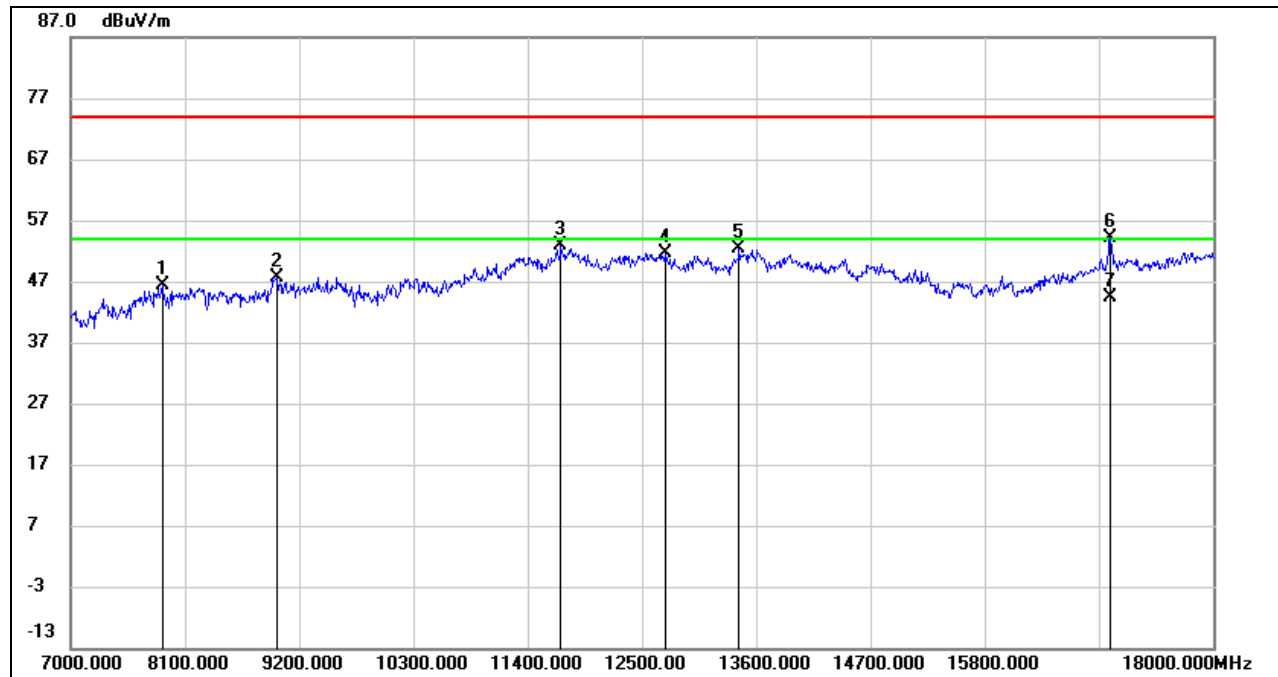
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7852.500        | 38.95          | 7.46           | 46.41           | 74.00          | -27.59      | peak   |
| 2   | 8941.500        | 38.11          | 9.49           | 47.60           | 74.00          | -26.40      | peak   |
| 3   | 11790.500       | 35.56          | 17.30          | 52.86           | 74.00          | -21.14      | peak   |
| 4   | 13017.000       | 34.84          | 16.93          | 51.77           | 74.00          | -22.23      | peak   |
| 5   | 13616.500       | 33.95          | 18.40          | 52.35           | 74.00          | -21.65      | peak   |
| 6   | 17950.500       | 28.89          | 23.24          | 52.13           | 74.00          | -21.87      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**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        | 39.15          | 7.35           | 46.50           | 74.00          | -27.50      | peak   |
| 2   | 9068.000        | 39.84          | 9.73           | 49.57           | 74.00          | -24.43      | peak   |
| 3   | 11829.000       | 35.76          | 17.30          | 53.06           | 74.00          | -20.94      | peak   |
| 4   | 13468.000       | 33.96          | 18.35          | 52.31           | 74.00          | -21.69      | peak   |
| 5   | 17004.500       | 33.97          | 18.55          | 52.52           | 74.00          | -21.48      | peak   |
| 6   | 17769.000       | 30.55          | 22.53          | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**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   | 7885.500        | 38.89          | 7.38           | 46.27           | 74.00          | -27.73      | peak   |
| 2   | 8991.000        | 37.71          | 10.03          | 47.74           | 74.00          | -26.26      | peak   |
| 3   | 11724.500       | 35.92          | 16.95          | 52.87           | 74.00          | -21.13      | peak   |
| 4   | 12725.500       | 34.80          | 16.91          | 51.71           | 74.00          | -22.29      | peak   |
| 5   | 13440.500       | 33.98          | 18.29          | 52.27           | 74.00          | -21.73      | peak   |
| 6   | 17010.000       | 35.51          | 18.59          | 54.10           | 74.00          | -19.90      | peak   |
| 7   | 17010.000       | 25.76          | 18.59          | 44.35           | 54.00          | -9.65       | 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.

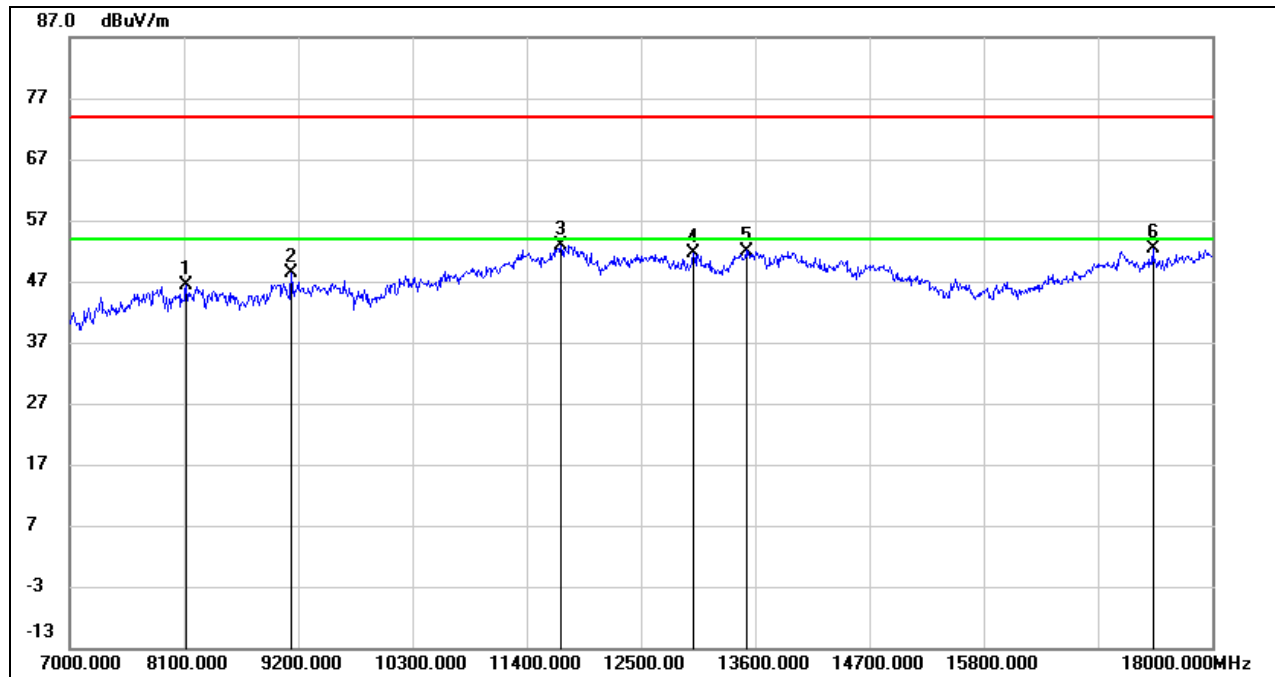
4. AVG:  $VBW=1/T_{on}$ , where:  $T_{on}$  is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

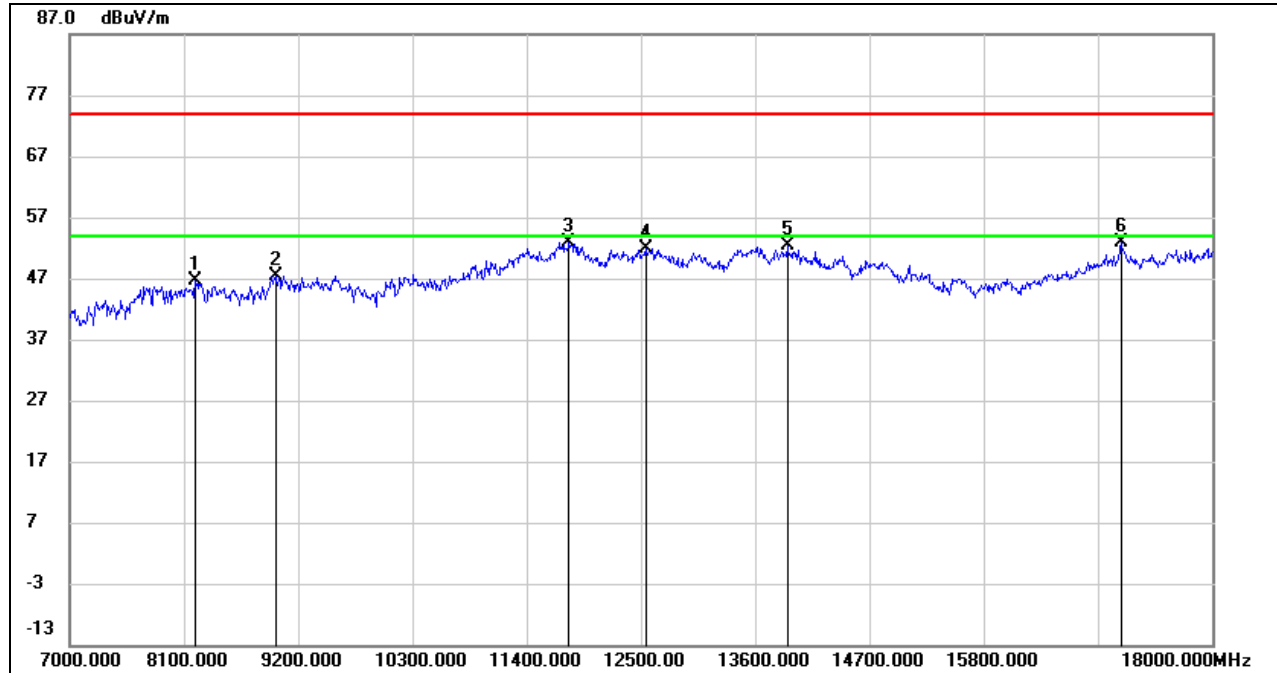
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**STRADDLE CHANNEL 142 – FPC ANTENNA****HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)**

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8122.000           | 38.28             | 8.07              | 46.35              | 74.00             | -27.65         | peak   |
| 2   | 9134.000           | 38.96             | 9.33              | 48.29              | 74.00             | -25.71         | peak   |
| 3   | 11735.500          | 35.98             | 17.01             | 52.99              | 74.00             | -21.01         | peak   |
| 4   | 13006.000          | 34.78             | 16.90             | 51.68              | 74.00             | -22.32         | peak   |
| 5   | 13512.000          | 33.59             | 18.41             | 52.00              | 74.00             | -22.00         | peak   |
| 6   | 17433.500          | 32.55             | 19.93             | 52.48              | 74.00             | -21.52         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### HARMONICS AND SPURIOUS EMISSIONS (VERTICAL)



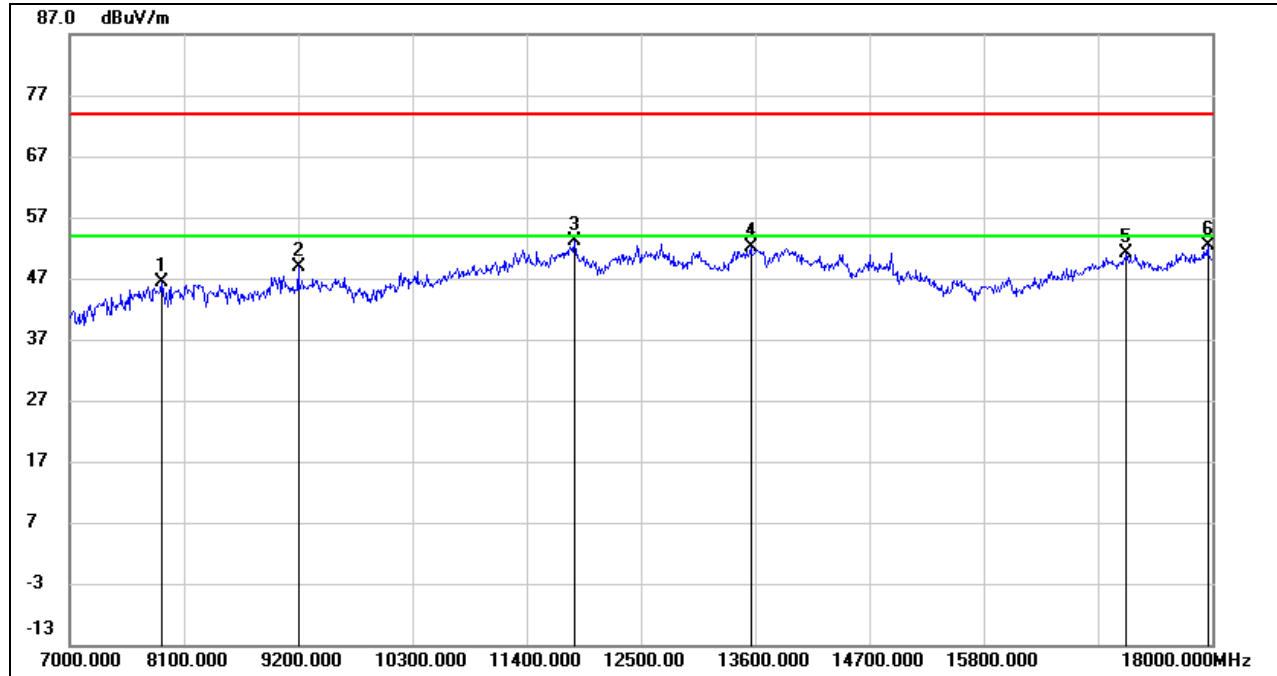
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8210.000        | 37.91          | 8.68           | 46.59           | 74.00          | -27.41      | peak   |
| 2   | 8980.000        | 37.57          | 9.91           | 47.48           | 74.00          | -26.52      | peak   |
| 3   | 11812.500       | 35.58          | 17.33          | 52.91           | 74.00          | -21.09      | peak   |
| 4   | 12544.000       | 35.31          | 16.64          | 51.95           | 74.00          | -22.05      | peak   |
| 5   | 13908.000       | 33.79          | 18.66          | 52.45           | 74.00          | -21.55      | peak   |
| 6   | 17125.500       | 33.53          | 19.29          | 52.82           | 74.00          | -21.18      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



**UNII-3 BAND – FPC ANTENNA**

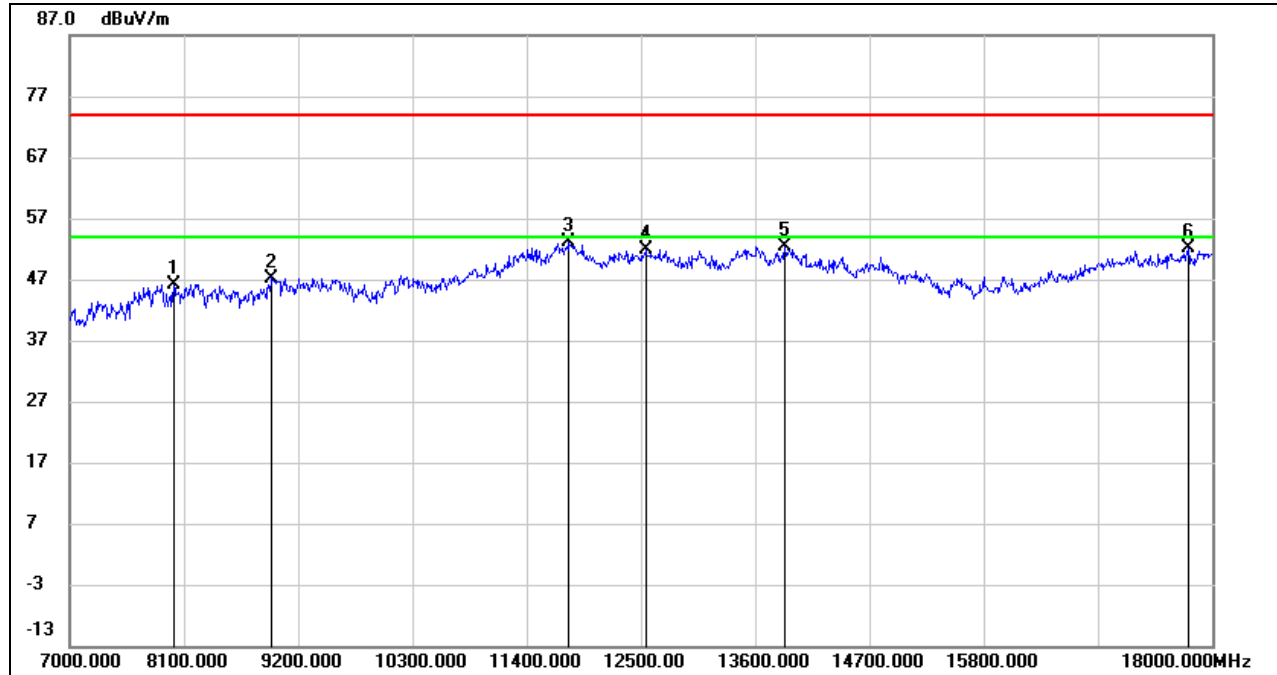
**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 7880.000           | 39.02             | 7.39              | 46.41              | 74.00             | -27.59         | peak   |
| 2   | 9205.500           | 39.93             | 8.98              | 48.91              | 74.00             | -25.09         | peak   |
| 3   | 11862.000          | 35.92             | 17.25             | 53.17              | 74.00             | -20.83         | peak   |
| 4   | 13556.000          | 33.77             | 18.39             | 52.16              | 74.00             | -21.84         | peak   |
| 5   | 17180.500          | 31.38             | 19.63             | 51.01              | 74.00             | -22.99         | peak   |
| 6   | 17961.500          | 29.01             | 23.27             | 52.28              | 74.00             | -21.72         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8006.500        | 39.06          | 7.12           | 46.18           | 74.00          | -27.82      | peak   |
| 2   | 8947.000        | 37.70          | 9.55           | 47.25           | 74.00          | -26.75      | peak   |
| 3   | 11807.000       | 35.75          | 17.35          | 53.10           | 74.00          | -20.90      | peak   |
| 4   | 12544.000       | 35.15          | 16.64          | 51.79           | 74.00          | -22.21      | peak   |
| 5   | 13891.500       | 33.67          | 18.67          | 52.34           | 74.00          | -21.66      | peak   |
| 6   | 17769.000       | 29.57          | 22.53          | 52.10           | 74.00          | -21.90      | peak   |

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

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

3. Peak: Peak detector.

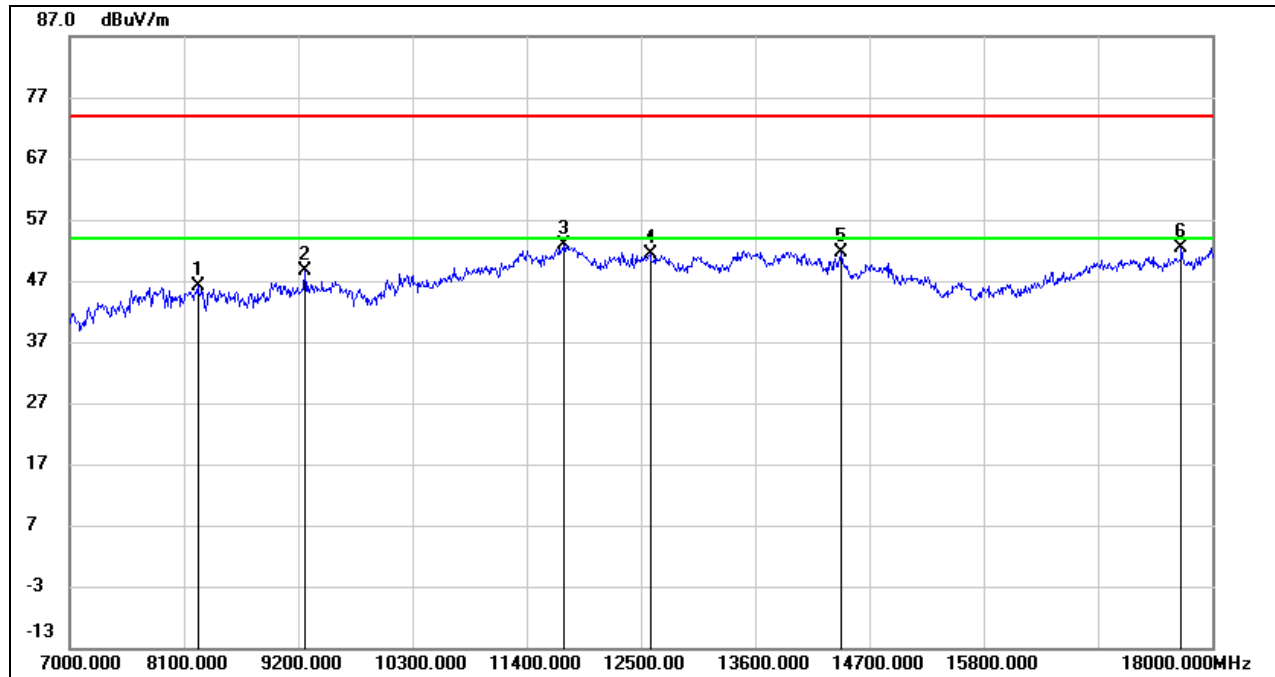
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8232.000           | 37.51             | 8.59              | 46.10              | 74.00             | -27.90         | peak   |
| 2   | 9271.500           | 39.35             | 9.36              | 48.71              | 74.00             | -25.29         | peak   |
| 3   | 11752.000          | 35.81             | 17.10             | 52.91              | 74.00             | -21.09         | peak   |
| 4   | 12593.500          | 34.68             | 16.63             | 51.31              | 74.00             | -22.69         | peak   |
| 5   | 14430.500          | 34.44             | 17.30             | 51.74              | 74.00             | -22.26         | peak   |
| 6   | 17708.500          | 30.41             | 21.89             | 52.30              | 74.00             | -21.70         | peak   |

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

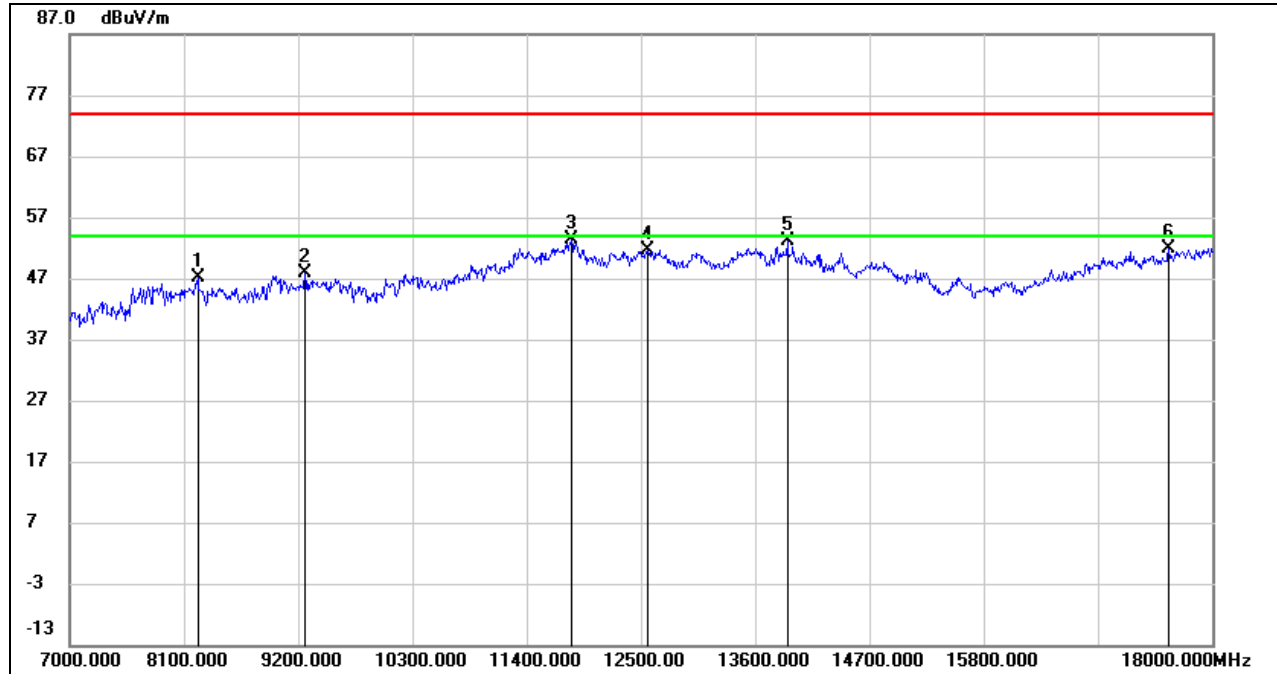
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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.

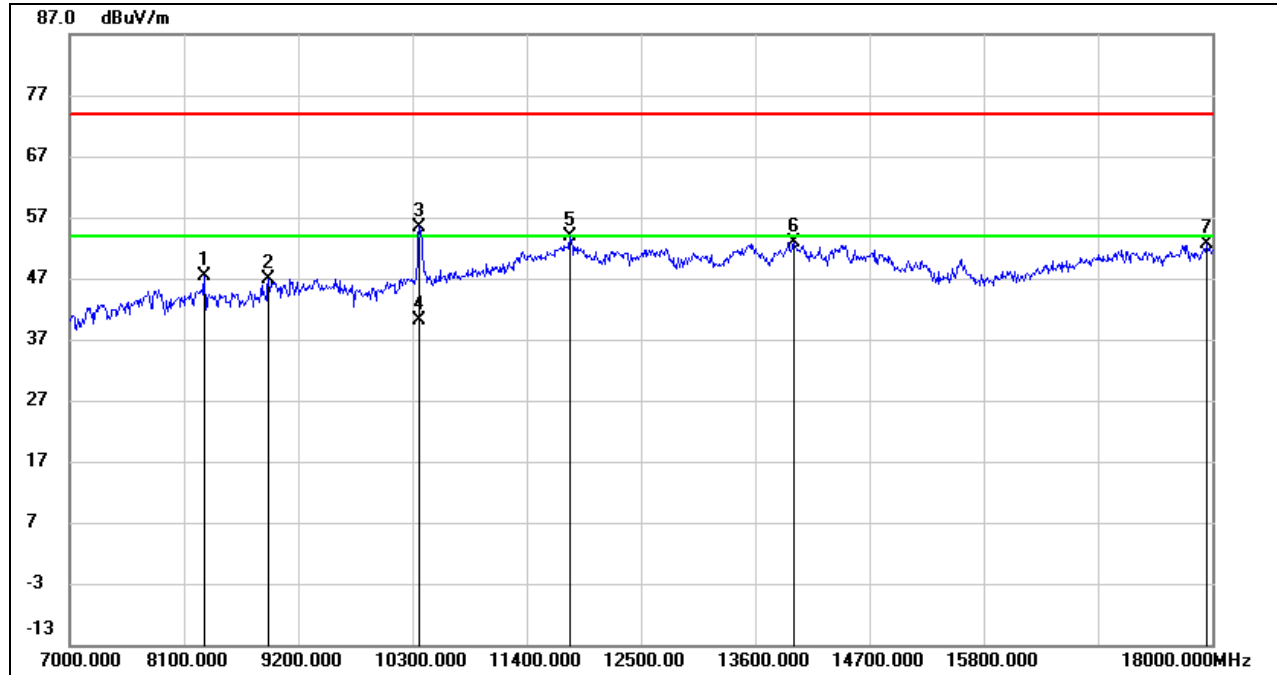
**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)**

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8232.000           | 38.45             | 8.59              | 47.04              | 74.00             | -26.96         | peak   |
| 2   | 9271.500           | 38.58             | 9.36              | 47.94              | 74.00             | -26.06         | peak   |
| 3   | 11829.000          | 35.96             | 17.30             | 53.26              | 74.00             | -20.74         | peak   |
| 4   | 12566.000          | 35.07             | 16.64             | 51.71              | 74.00             | -22.29         | peak   |
| 5   | 13908.000          | 34.42             | 18.66             | 53.08              | 74.00             | -20.92         | peak   |
| 6   | 17582.000          | 31.15             | 20.64             | 51.79              | 74.00             | -22.21         | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-1 BAND – PIFA ANTENNA

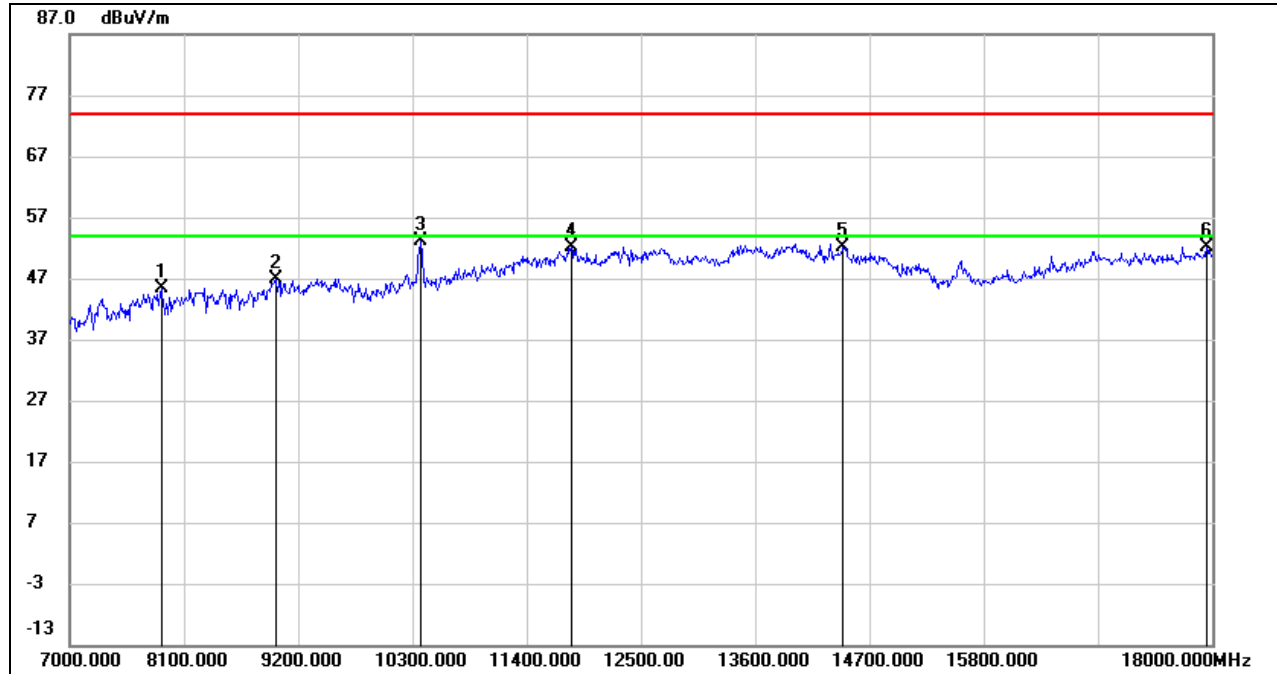
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 8298.000        | 40.52          | 6.94           | 47.46           | 74.00          | -26.54      | peak   |
| 2   | 8914.000        | 38.48          | 8.50           | 46.98           | 74.00          | -27.02      | peak   |
| 3   | 10366.000       | 44.15          | 11.35          | 55.50           | 74.00          | -18.50      | peak   |
| 4   | 10366.000       | 28.88          | 11.35          | 40.23           | 54.00          | -13.77      | AVG    |
| 5   | 11818.000       | 36.57          | 17.20          | 53.77           | 74.00          | -20.23      | peak   |
| 6   | 13974.000       | 32.25          | 20.63          | 52.88           | 74.00          | -21.12      | peak   |
| 7   | 17945.000       | 29.04          | 23.55          | 52.59           | 74.00          | -21.41      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

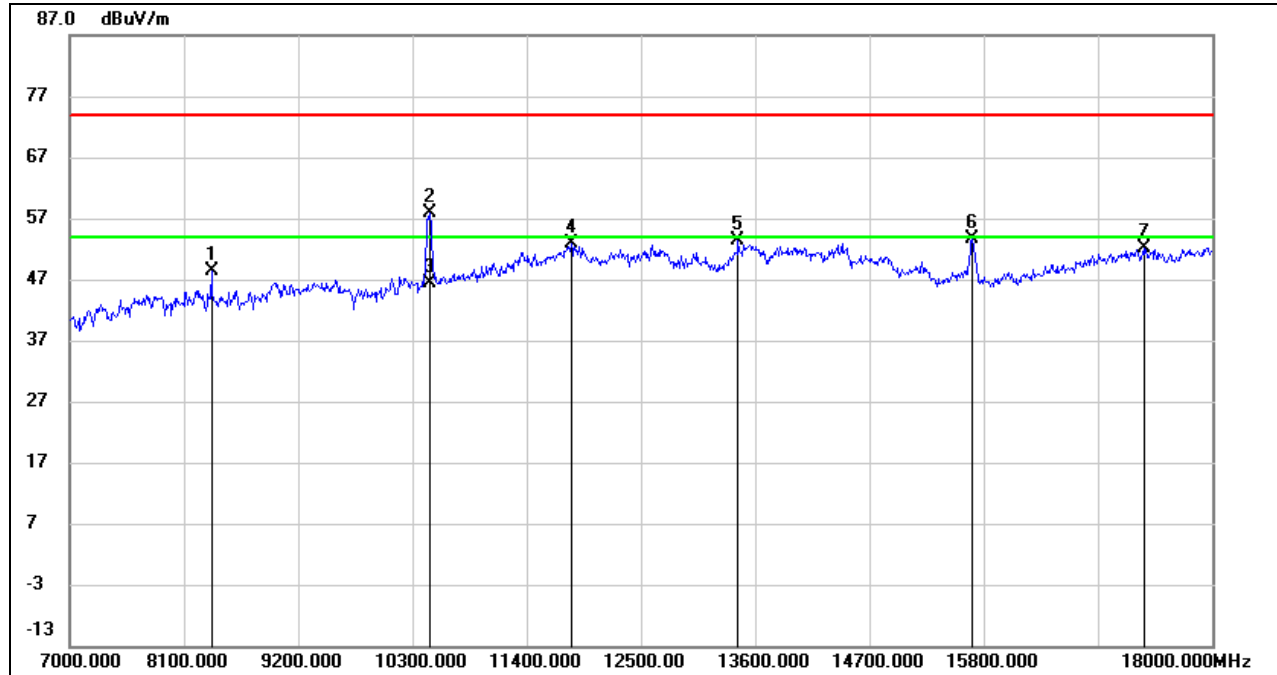
### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1   | 7880.000        | 39.65          | 5.79           | 45.44           | 74.00          | -28.56      | peak   |
| 2   | 8980.000        | 37.59          | 9.29           | 46.88           | 74.00          | -27.12      | peak   |
| 3   | 10377.000       | 41.66          | 11.38          | 53.04           | 74.00          | -20.96      | peak   |
| 4   | 11829.000       | 34.95          | 17.20          | 52.15           | 74.00          | -21.85      | peak   |
| 5   | 14447.000       | 33.39          | 18.67          | 52.06           | 74.00          | -21.94      | peak   |
| 6   | 17945.000       | 28.57          | 23.55          | 52.12           | 74.00          | -21.88      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8364.000        | 41.72          | 6.74           | 48.46           | 74.00          | -25.54      | peak   |
| 2   | 10465.000       | 46.17          | 11.71          | 57.88           | 74.00          | -16.12      | peak   |
| 3   | 10465.000       | 34.64          | 11.71          | 46.35           | 54.00          | -7.65       | AVG    |
| 4   | 11829.000       | 35.73          | 17.20          | 52.93           | 74.00          | -21.07      | peak   |
| 5   | 13435.000       | 34.12          | 19.33          | 53.45           | 74.00          | -20.55      | peak   |
| 6   | 15690.000       | 38.18          | 15.35          | 53.53           | 74.00          | -20.47      | peak   |
| 7   | 17340.000       | 32.00          | 20.19          | 52.19           | 74.00          | -21.81      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

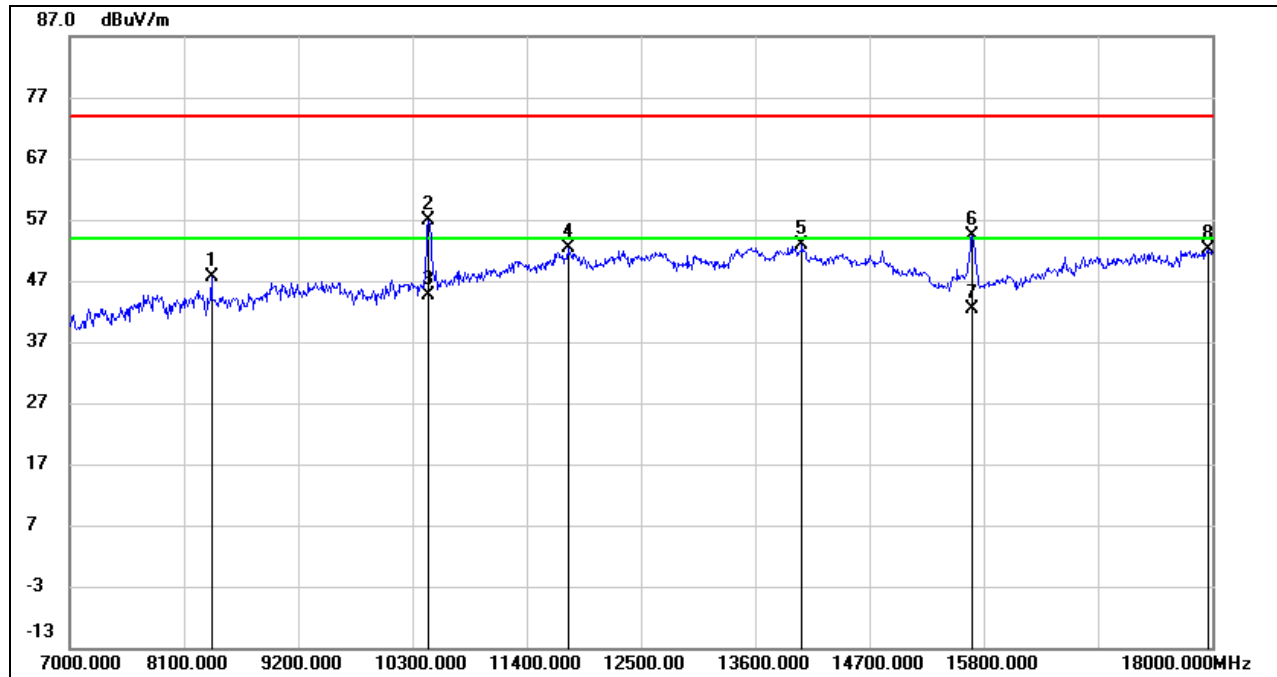
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8364.000           | 40.97             | 6.74              | 47.71              | 74.00             | -26.29         | peak   |
| 2   | 10454.000          | 45.24             | 11.67             | 56.91              | 74.00             | -17.09         | peak   |
| 3   | 10454.000          | 32.96             | 11.67             | 44.63              | 54.00             | -9.37          | AVG    |
| 4   | 11796.000          | 35.19             | 17.19             | 52.38              | 74.00             | -21.62         | peak   |
| 5   | 14051.000          | 32.38             | 20.39             | 52.77              | 74.00             | -21.23         | peak   |
| 6   | 15690.000          | 38.94             | 15.35             | 54.29              | 74.00             | -19.71         | peak   |
| 7   | 15690.000          | 26.97             | 15.35             | 42.32              | 54.00             | -11.68         | AVG    |
| 8   | 17967.000          | 28.59             | 23.59             | 52.18              | 74.00             | -21.82         | peak   |

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

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

3. Peak: Peak detector.

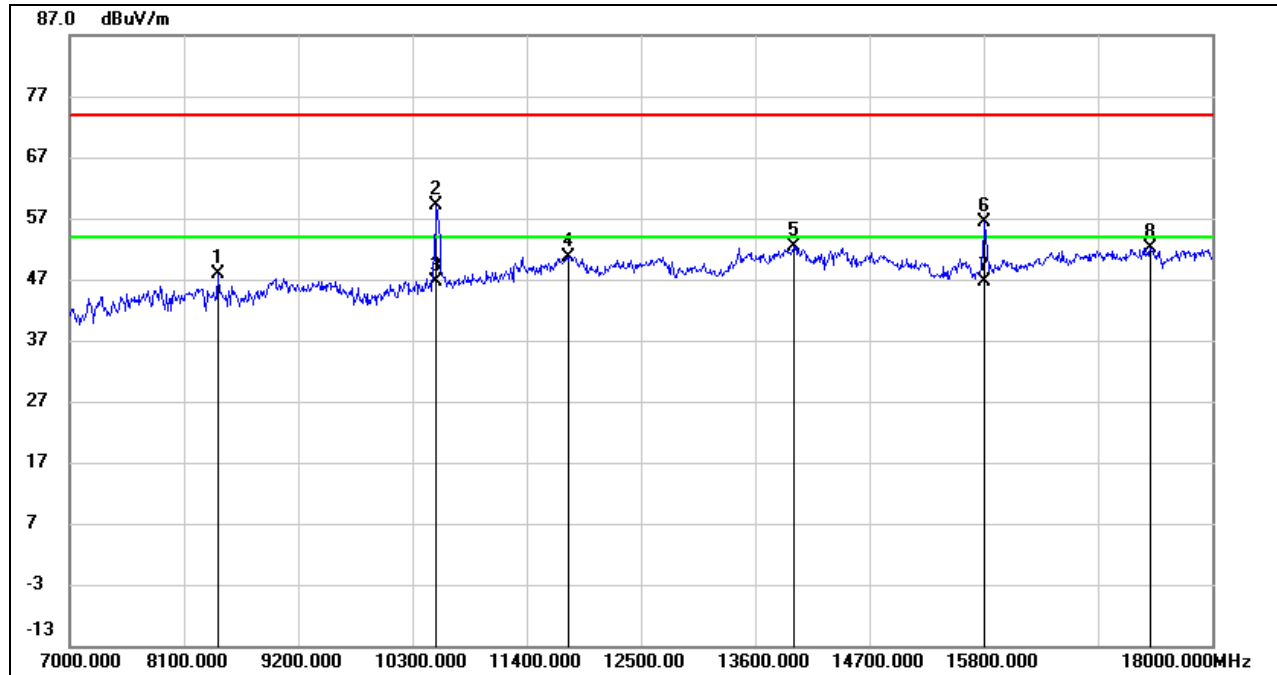
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

**UNII-2A BAND- PIFA ANTENNA****HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)**

| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 8430.000           | 40.45             | 7.33              | 47.78              | 74.00             | -26.22         | peak   |
| 2   | 10536.500          | 47.59             | 11.47             | 59.06              | 74.00             | -14.94         | peak   |
| 3   | 10536.500          | 35.18             | 11.47             | 46.65              | 54.00             | -7.35          | AVG    |
| 4   | 11812.500          | 35.26             | 15.47             | 50.73              | 74.00             | -23.27         | peak   |
| 5   | 13974.000          | 33.58             | 18.91             | 52.49              | 74.00             | -21.51         | peak   |
| 6   | 15811.000          | 38.59             | 17.67             | 56.26              | 74.00             | -17.74         | peak   |
| 7   | 15811.000          | 29.01             | 17.67             | 46.68              | 54.00             | -7.32          | AVG    |
| 8   | 17411.500          | 31.11             | 21.12             | 52.23              | 74.00             | -21.77         | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

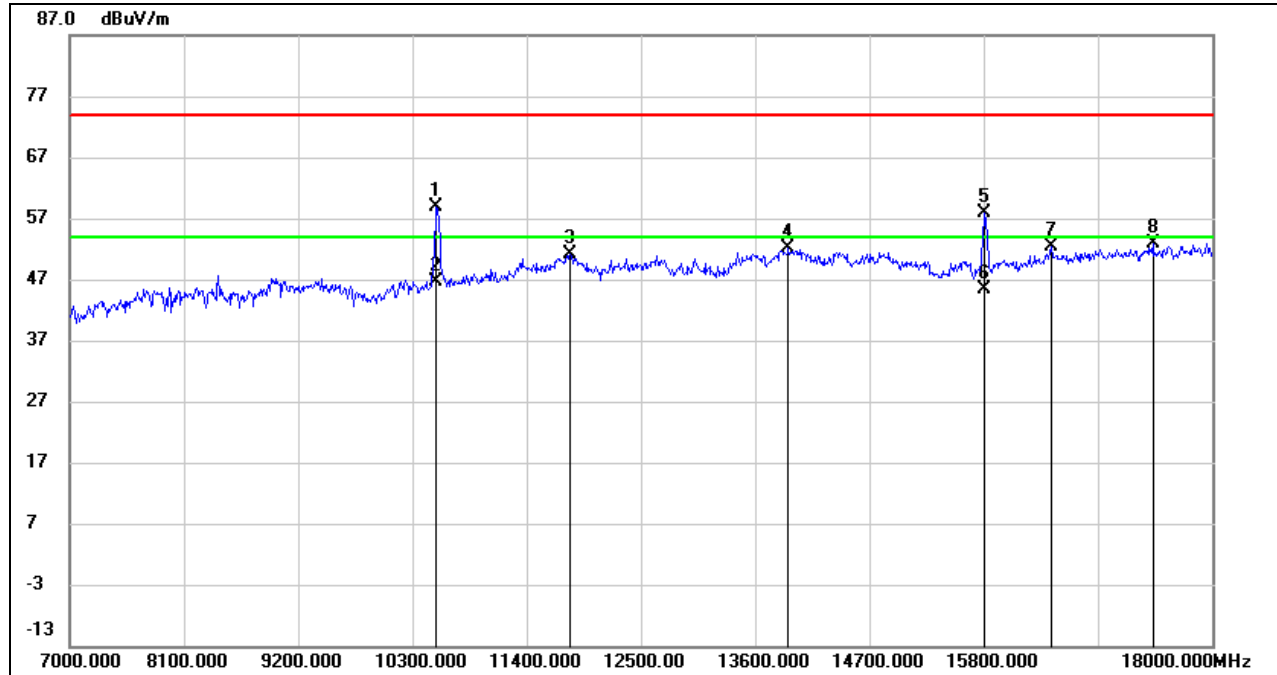
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 10536.500       | 47.34          | 11.47          | 58.81           | 74.00          | -15.19      | peak   |
| 2   | 10536.500       | 35.18          | 11.47          | 46.65           | 54.00          | -7.35       | AVG    |
| 3   | 11823.500       | 35.57          | 15.47          | 51.04           | 74.00          | -22.96      | peak   |
| 4   | 13919.000       | 33.22          | 18.83          | 52.05           | 74.00          | -21.95      | peak   |
| 5   | 15811.000       | 40.15          | 17.67          | 57.82           | 74.00          | -16.18      | peak   |
| 6   | 15811.000       | 27.77          | 17.67          | 45.44           | 54.00          | -8.56       | AVG    |
| 7   | 16454.500       | 32.84          | 19.59          | 52.43           | 74.00          | -21.57      | peak   |
| 8   | 17433.500       | 31.61          | 21.15          | 52.76           | 74.00          | -21.24      | peak   |

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

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

3. Peak: Peak detector.

4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

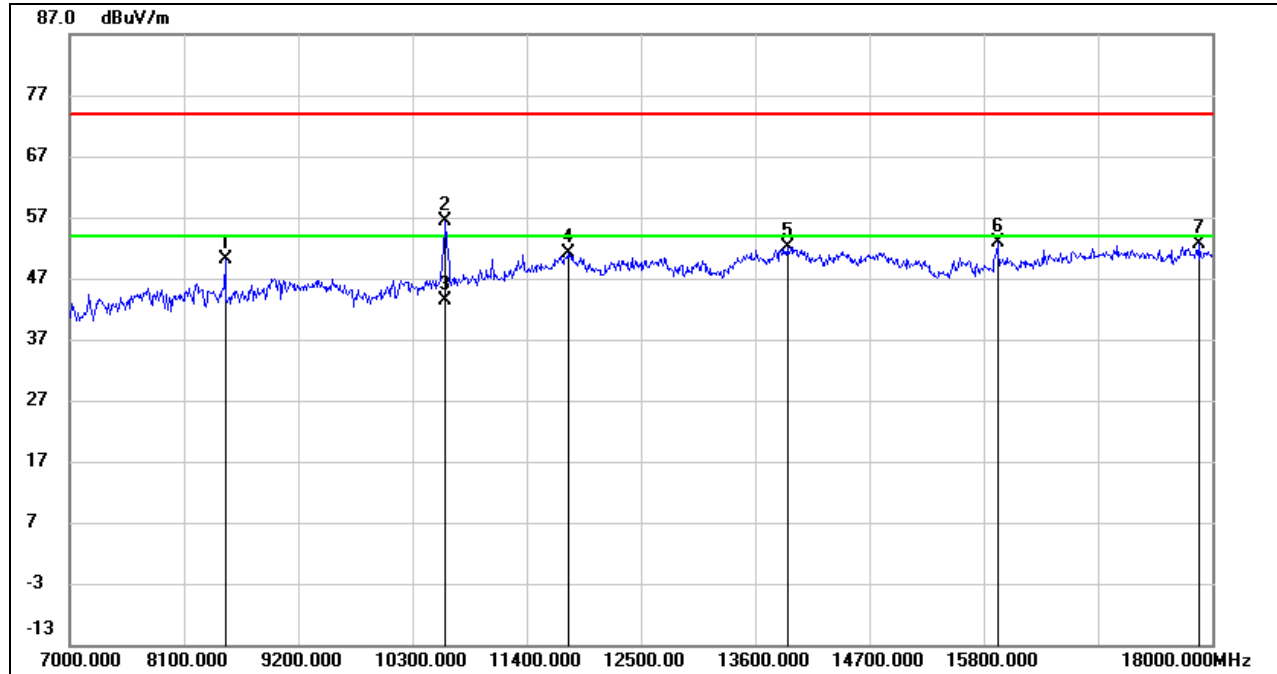
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8496.000        | 42.76          | 7.37           | 50.13           | 74.00          | -23.87      | peak   |
| 2   | 10619.000       | 44.59          | 11.70          | 56.29           | 74.00          | -17.71      | peak   |
| 3   | 10619.000       | 31.65          | 11.70          | 43.35           | 54.00          | -10.65      | AVG    |
| 4   | 11801.500       | 35.67          | 15.48          | 51.15           | 74.00          | -22.85      | peak   |
| 5   | 13913.500       | 33.33          | 18.83          | 52.16           | 74.00          | -21.84      | peak   |
| 6   | 15932.000       | 34.87          | 17.93          | 52.80           | 74.00          | -21.20      | peak   |
| 7   | 17879.000       | 29.55          | 23.02          | 52.57           | 74.00          | -21.43      | peak   |

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

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

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

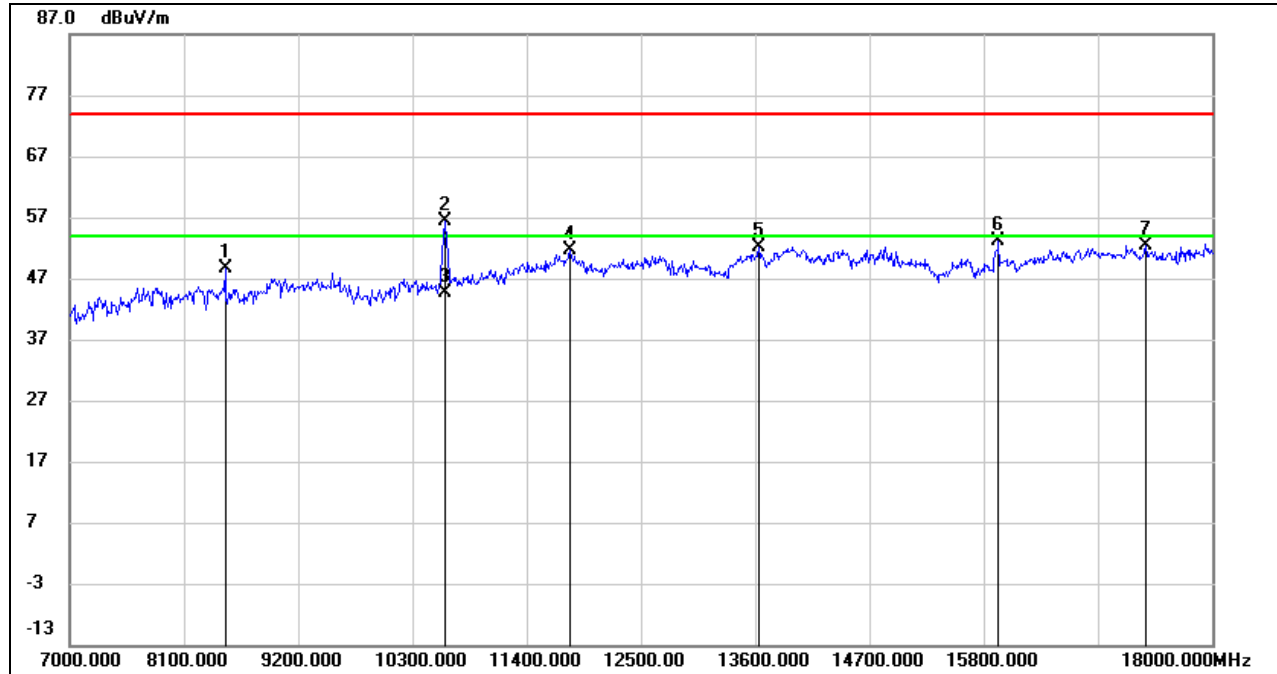
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

### 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   | 8496.000        | 41.18          | 7.37           | 48.55           | 74.00          | -25.45      | peak   |
| 2   | 10613.500       | 44.68          | 11.69          | 56.37           | 74.00          | -17.63      | peak   |
| 3   | 10613.500       | 32.96          | 11.69          | 44.65           | 54.00          | -9.35       | AVG    |
| 4   | 11823.500       | 36.16          | 15.47          | 51.63           | 74.00          | -22.37      | peak   |
| 5   | 13638.500       | 34.12          | 17.95          | 52.07           | 74.00          | -21.93      | peak   |
| 6   | 15943.000       | 35.10          | 17.96          | 53.06           | 74.00          | -20.94      | peak   |
| 7   | 17362.000       | 31.17          | 21.17          | 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. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

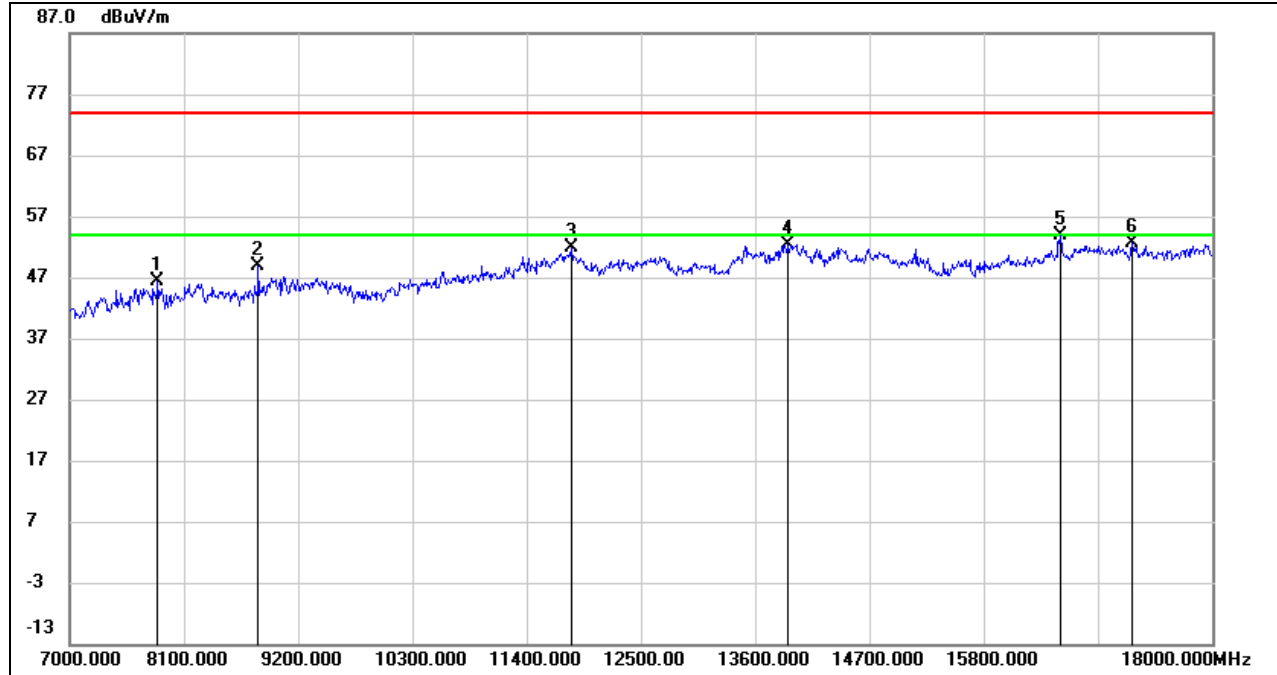
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

## UNII-2C BAND- PIFA ANTENNA

### 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        | 39.72          | 6.54           | 46.26           | 74.00          | -27.74      | peak   |
| 2   | 8815.000        | 41.02          | 7.88           | 48.90           | 74.00          | -25.10      | peak   |
| 3   | 11834.500       | 36.52          | 15.46          | 51.98           | 74.00          | -22.02      | peak   |
| 4   | 13908.000       | 33.64          | 18.82          | 52.46           | 74.00          | -21.54      | peak   |
| 5   | 16537.000       | 33.88          | 19.91          | 53.79           | 74.00          | -20.21      | peak   |
| 6   | 17235.500       | 31.14          | 21.39          | 52.53           | 74.00          | -21.47      | peak   |

Note: 1. Measurement = Reading Level + Correct Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Peak: Peak detector.  
4. AVG:  $VBW=1/Ton$ , where: Ton is the transmitting duration.  
5. For the transmitting duration, please refer to clause 7.1.  
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.  
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.