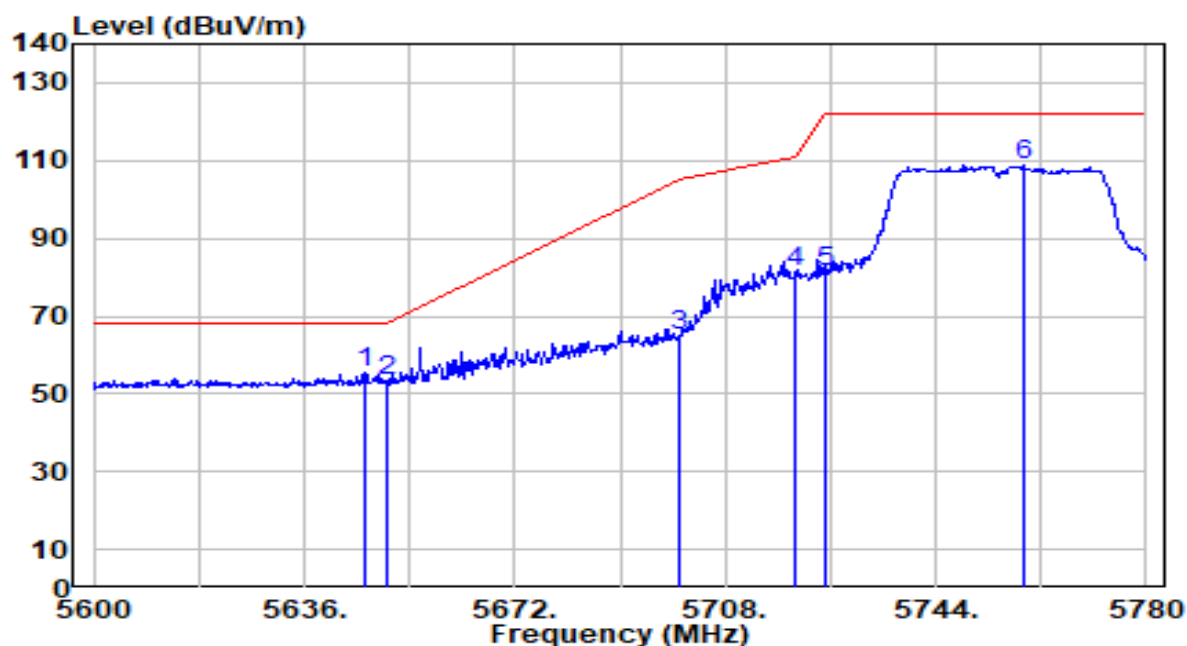


|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Horizontal                                      | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-40MHz_Band4_TX_CH 151_Ant<br>0+1       | Test Voltage         | AC 120V/60Hz |

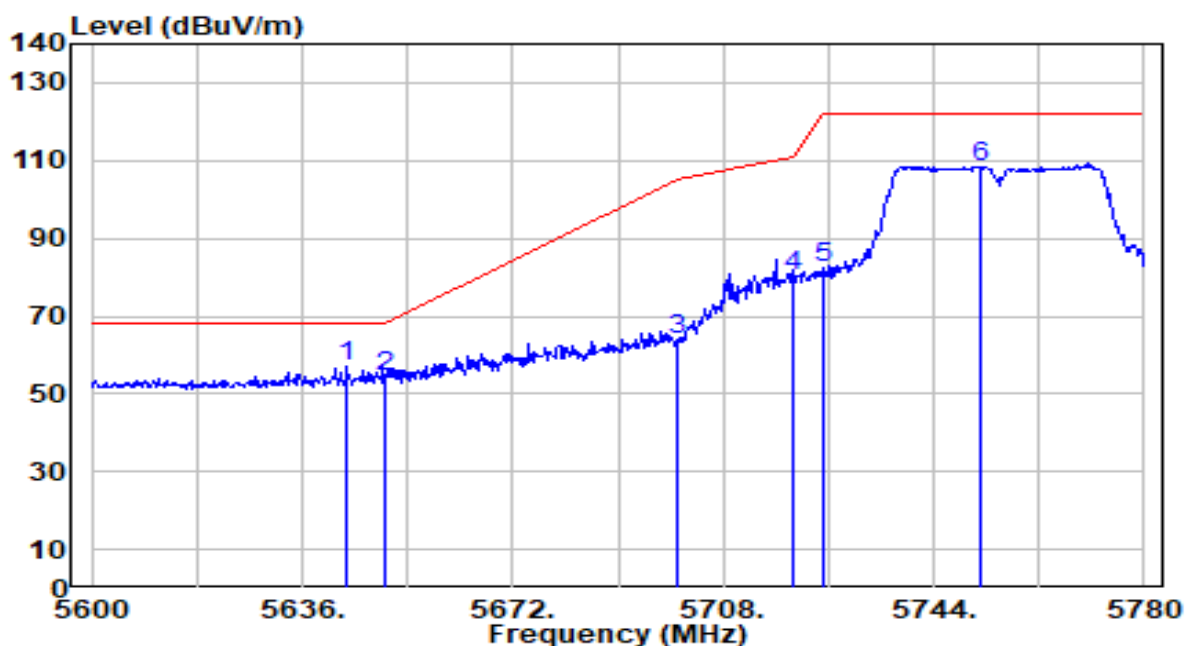


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * 5646.260      | 53.79          | 1.57       | 55.36                | -12.84      | 68.20          | 235         | 10          | Peak              |
| 2  | 5650.000        | 51.81          | 1.59       | 53.40                | -14.80      | 68.20          | 235         | 10          | Peak              |
| 3  | 5700.000        | 63.33          | 1.79       | 65.12                | -40.08      | 105.20         | 235         | 10          | Peak              |
| 4  | 5720.000        | 79.55          | 1.87       | 81.41                | -29.39      | 110.80         | 235         | 10          | Peak              |
| 5  | 5725.000        | 79.51          | 1.89       | 81.40                | -40.80      | 122.20         | 235         | 10          | Peak              |
| 6  | 5759.120        | 106.60         | 2.03       | 108.62               | N/A         | N/A            | 235         | 10          | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-40MHz_Band4_TX_CH 151_Ant 0+1          | Test Voltage         | AC 120V/60Hz |

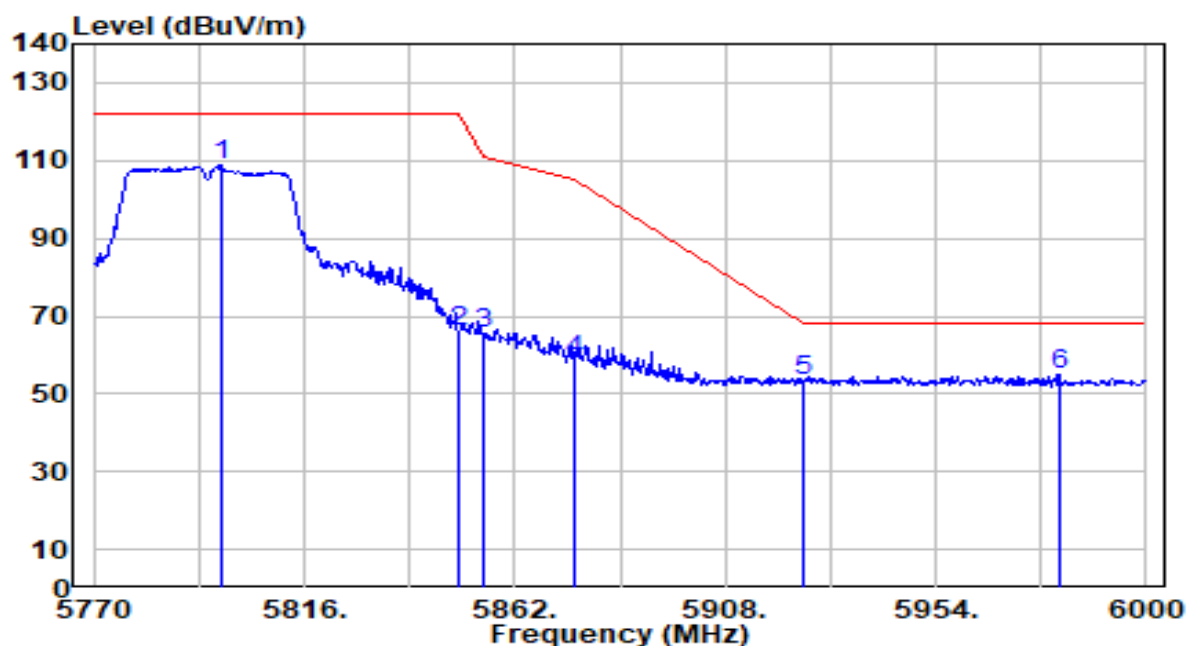


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * 5643.740      | 55.30          | 1.56       | 56.86                | -11.34      | 68.20          | 240         | 95          | Peak              |
| 2  | 5650.000        | 52.93          | 1.59       | 54.51                | -13.69      | 68.20          | 240         | 95          | Peak              |
| 3  | 5700.000        | 62.07          | 1.79       | 63.86                | -41.34      | 105.20         | 240         | 95          | Peak              |
| 4  | 5720.000        | 78.60          | 1.87       | 80.47                | -30.33      | 110.80         | 240         | 95          | Peak              |
| 5  | 5725.000        | 80.29          | 1.89       | 82.18                | -40.02      | 122.20         | 240         | 95          | Peak              |
| 6  | 5752.100        | 106.41         | 2.00       | 108.40               | N/A         | N/A            | 240         | 95          | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Horizontal                                      | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-40MHz_Band4_TX_CH 159_Ant 0+1          | Test Voltage         | AC 120V/60Hz |

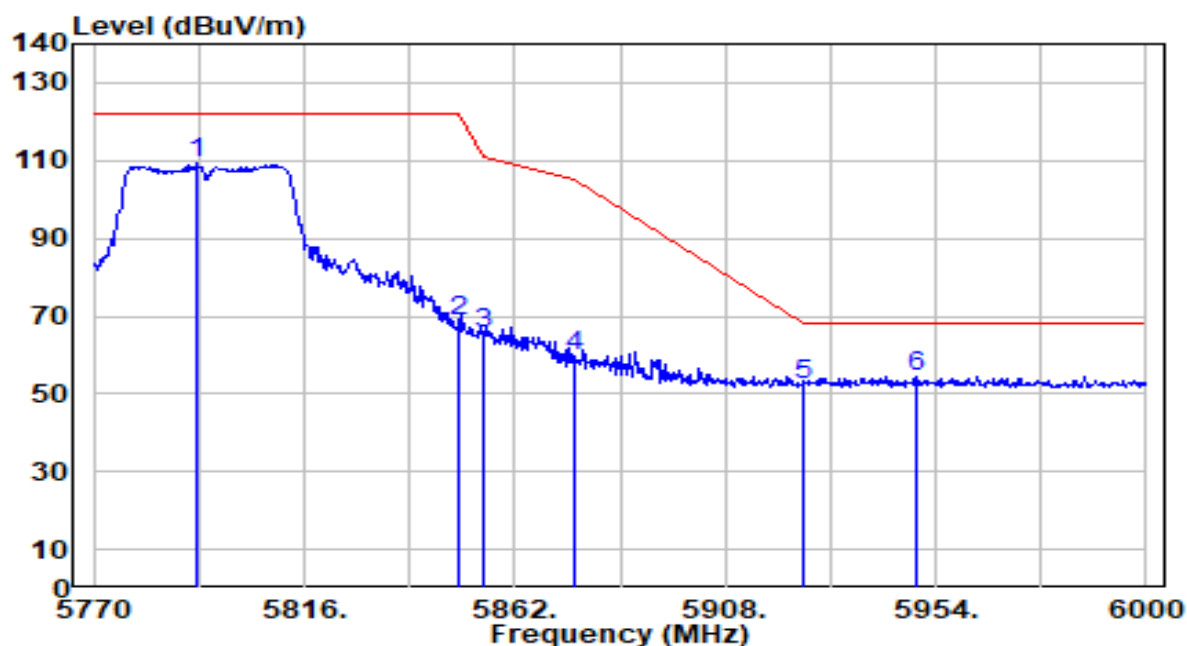


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | 5797.830        | 106.54         | 2.18       | 108.73               | N/A         | N/A            | 240         | 10          | Peak              |
| 2  | 5850.000        | 63.99          | 2.27       | 66.26                | -55.94      | 122.20         | 240         | 10          | Peak              |
| 3  | 5855.000        | 63.37          | 2.28       | 65.65                | -45.15      | 110.80         | 240         | 10          | Peak              |
| 4  | 5875.000        | 56.36          | 2.31       | 58.67                | -46.53      | 105.20         | 240         | 10          | Peak              |
| 5  | 5925.000        | 50.91          | 2.38       | 53.30                | -14.90      | 68.20          | 240         | 10          | Peak              |
| 6  | * 5981.140      | 52.41          | 2.47       | 54.88                | -13.32      | 68.20          | 240         | 10          | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-40MHz_Band4_TX_CH 159_Ant 0+1          | Test Voltage         | AC 120V/60Hz |

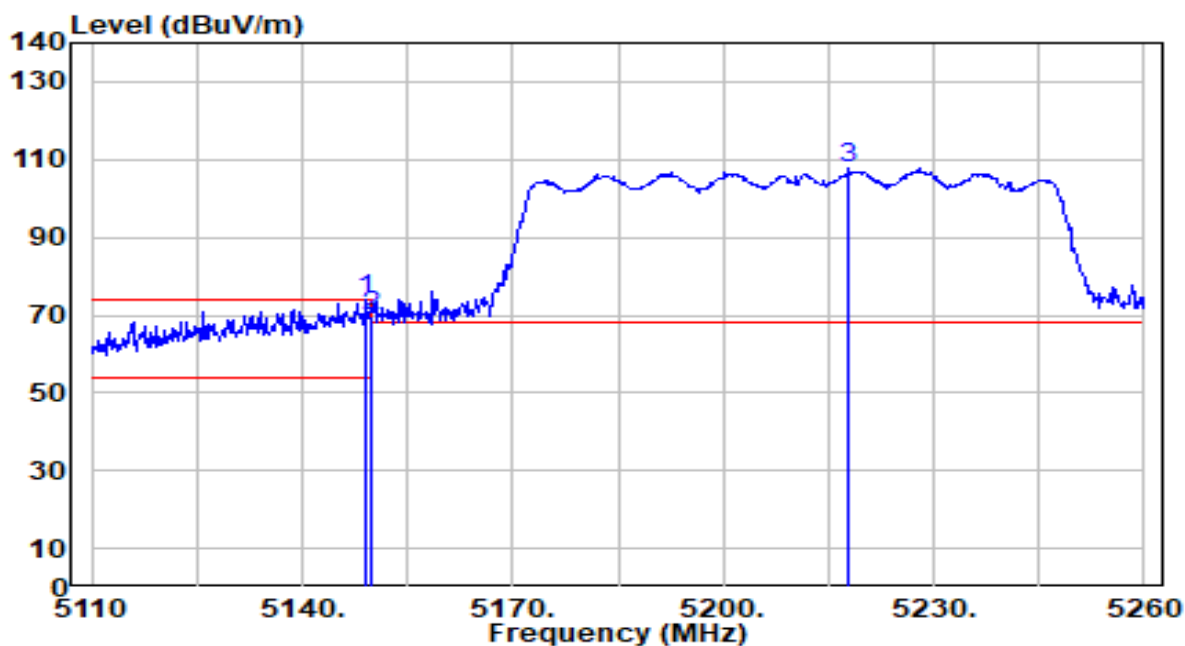


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | 5792.310        | 107.09         | 2.16       | 109.25               | N/A         | N/A            | 220         | 95          | Peak              |
| 2  | 5850.000        | 66.27          | 2.27       | 68.53                | -53.67      | 122.20         | 220         | 95          | Peak              |
| 3  | 5855.000        | 63.35          | 2.28       | 65.63                | -45.17      | 110.80         | 220         | 95          | Peak              |
| 4  | 5875.000        | 57.20          | 2.31       | 59.51                | -45.69      | 105.20         | 220         | 95          | Peak              |
| 5  | 5925.000        | 50.11          | 2.38       | 52.49                | -15.71      | 68.20          | 220         | 95          | Peak              |
| 6  | * 5949.630      | 52.18          | 2.42       | 54.60                | -13.60      | 68.20          | 220         | 95          | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Horizontal                                      | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band1_TX_CH 42_Ant 0+1           | Test Voltage         | AC 120V/60Hz |

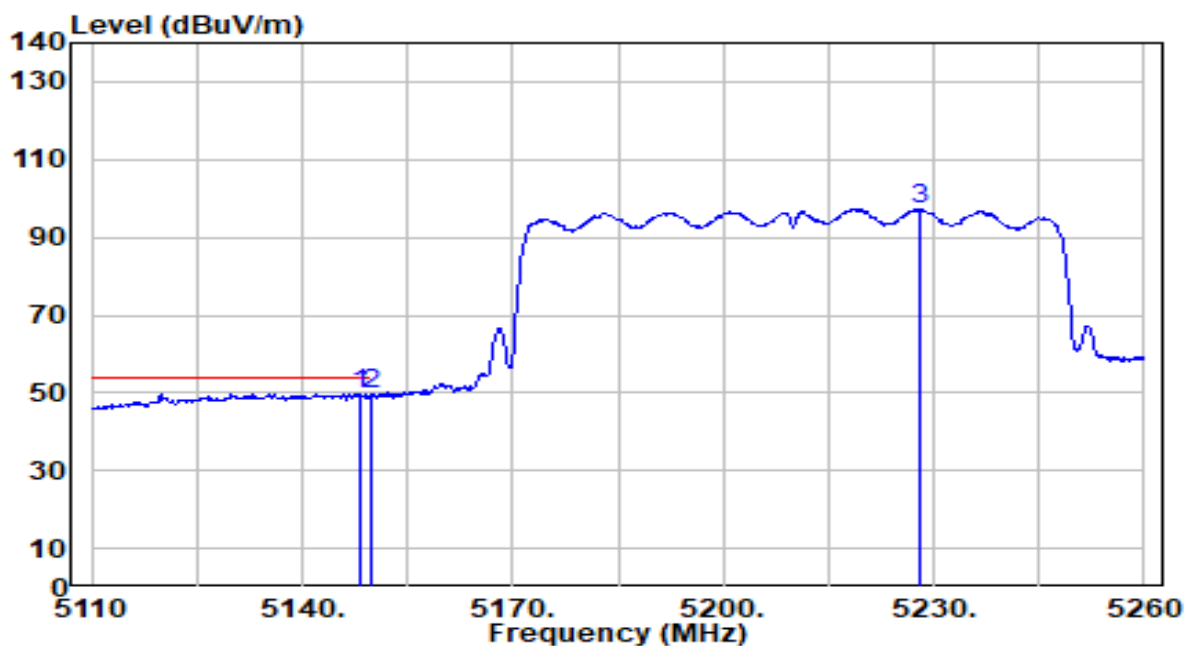


| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * | 5149.000        | 73.05          | 0.79       | 73.84                | -0.16       | 74.00          | 100         | 175         | Peak              |
| 2  |   | 5150.000        | 69.12          | 0.80       | 69.92                | -4.08       | 74.00          | 100         | 175         | Peak              |
| 3  |   | 5218.000        | 107.08         | 0.83       | 107.90               | N/A         | N/A            | 100         | 175         | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Horizontal                                      | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band1_TX_CH 42_Ant 0+1           | Test Voltage         | AC 120V/60Hz |

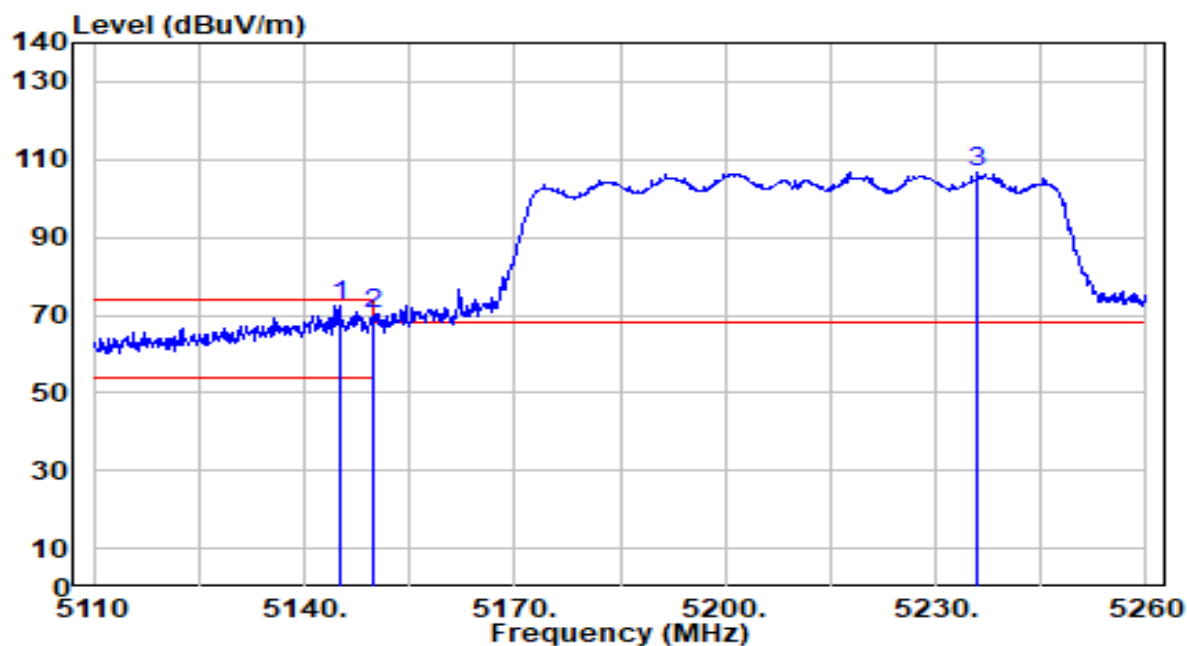


| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * | 5148.400        | 49.11          | 0.79       | 49.91                | -4.09       | 54.00          | 100         | 175         | Average           |
| 2  |   | 5150.000        | 48.85          | 0.80       | 49.64                | -4.36       | 54.00          | 100         | 175         | Average           |
| 3  |   | 5228.050        | 96.43          | 0.81       | 97.24                | N/A         | N/A            | 100         | 175         | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band1_TX_CH 42_Ant 0+1           | Test Voltage         | AC 120V/60Hz |

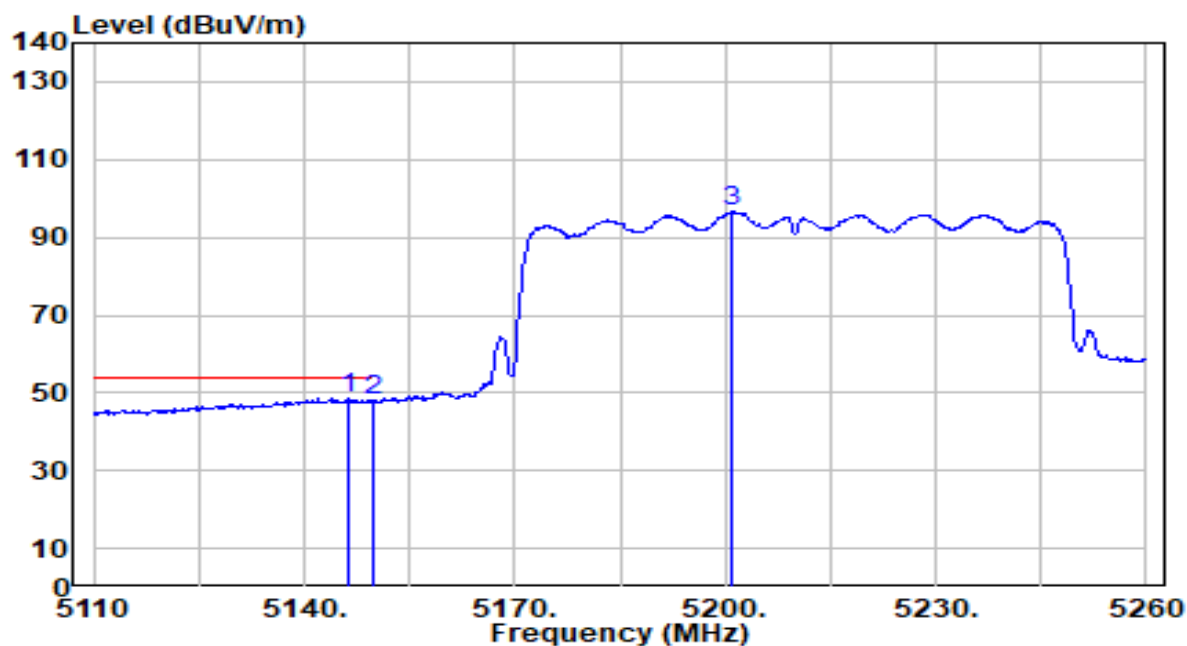


| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * | 5144.950        | 71.65          | 0.79       | 72.44                | -1.56       | 74.00          | 300         | 110         | Peak              |
| 2  |   | 5150.000        | 69.63          | 0.80       | 70.42                | -3.58       | 74.00          | 300         | 110         | Peak              |
| 3  |   | 5235.850        | 105.95         | 0.79       | 106.74               | N/A         | N/A            | 300         | 110         | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band1_TX_CH 42_Ant 0+1           | Test Voltage         | AC 120V/60Hz |



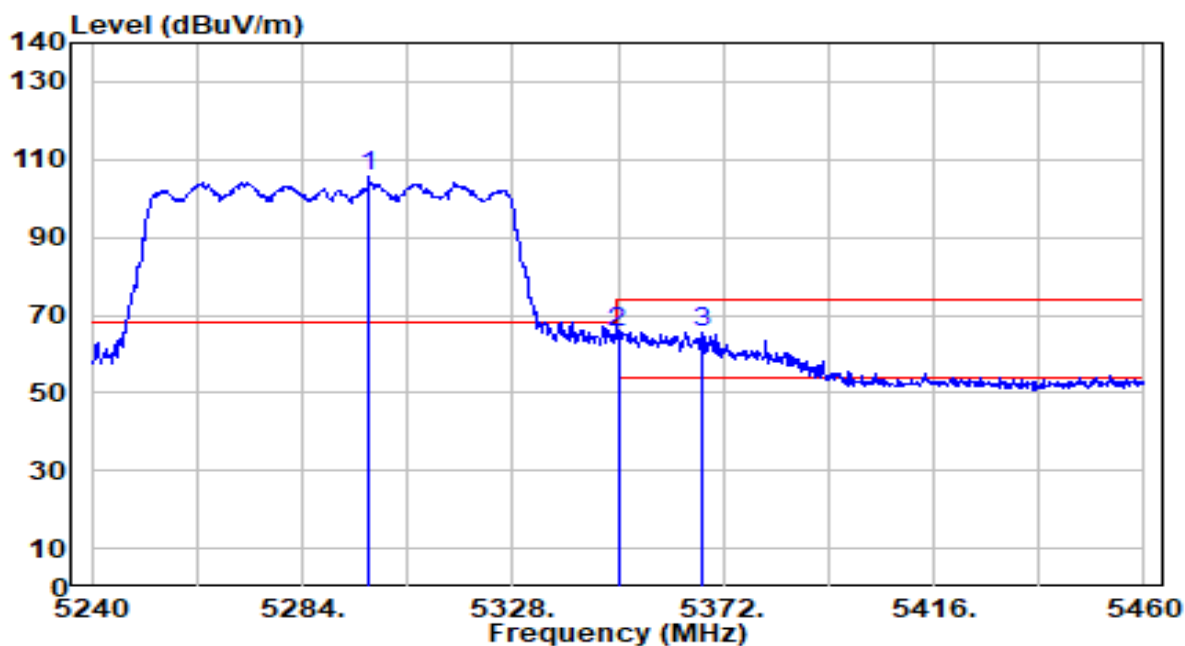
| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * | 5146.450        | 47.77          | 0.79       | 48.56                | -5.44       | 54.00          | 300         | 110         | Average           |
| 2  |   | 5150.000        | 47.32          | 0.80       | 48.12                | -5.88       | 54.00          | 300         | 110         | Average           |
| 3  |   | 5201.050        | 95.71          | 0.86       | 96.56                | N/A         | N/A            | 300         | 110         | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Horizontal                                      | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band2_TX_CH 58_Ant 0+1           | Test Voltage         | AC 120V/60Hz |

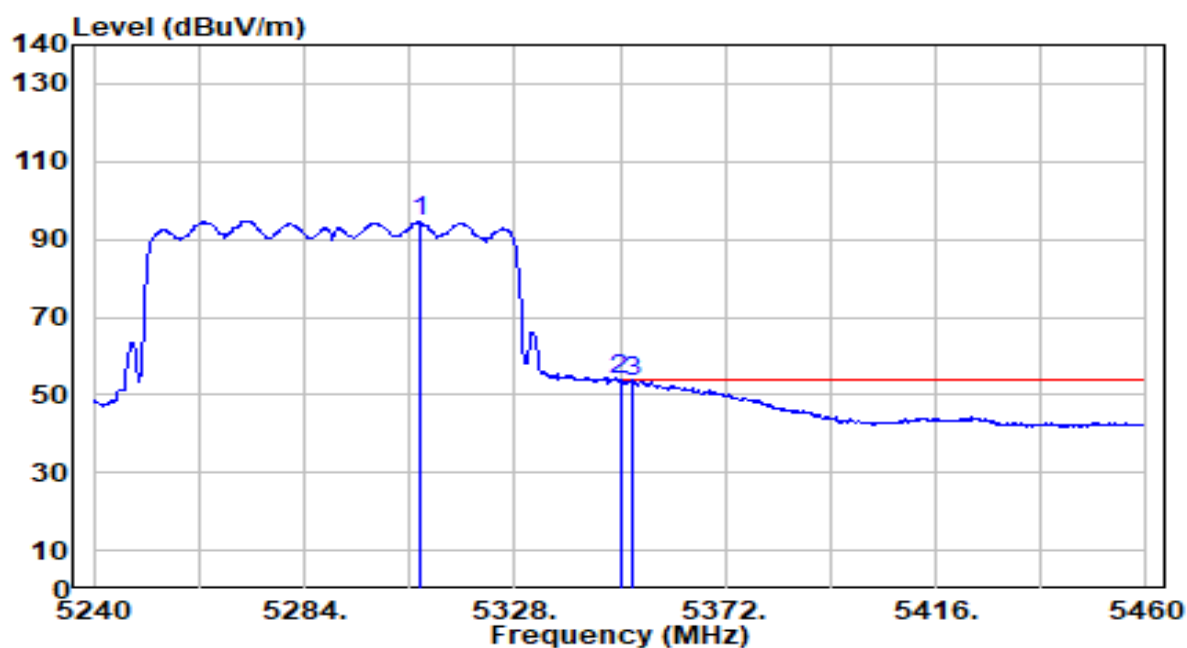


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | 5297.860        | 104.75         | 0.69       | 105.43               | N/A         | N/A            | 100         | 165         | Peak              |
| 2  | 5350.000        | 65.04          | 0.59       | 65.63                | -8.37       | 74.00          | 100         | 165         | Peak              |
| 3  | * 5367.380      | 65.21          | 0.56       | 65.77                | -8.23       | 74.00          | 100         | 165         | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Horizontal                                      | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band2_TX_CH 58_Ant 0+1           | Test Voltage         | AC 120V/60Hz |

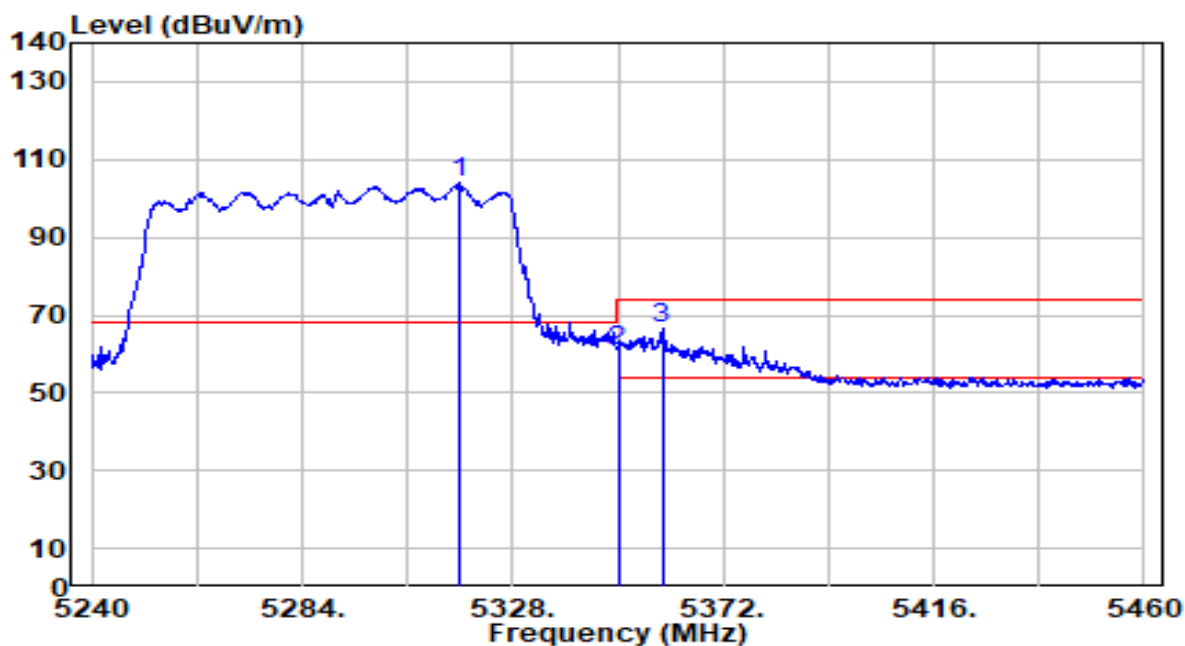


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | 5307.980        | 93.73          | 0.67       | 94.40                | N/A         | N/A            | 100         | 165         | Average           |
| 2  | * 5350.000      | 53.23          | 0.59       | 53.83                | -0.17       | 54.00          | 100         | 165         | Average           |
| 3  | 5352.640        | 52.75          | 0.59       | 53.34                | -0.66       | 54.00          | 100         | 165         | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band2_TX_CH 58_Ant 0+1           | Test Voltage         | AC 120V/60Hz |

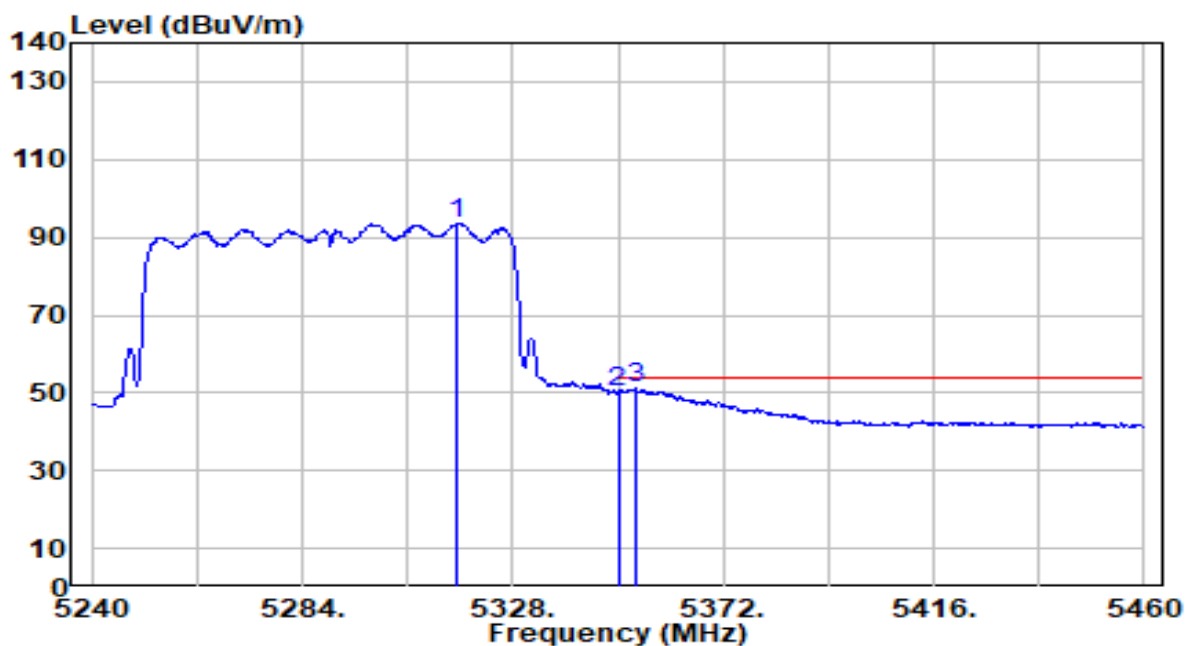


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | 5317.000        | 103.49         | 0.65       | 104.15               | N/A         | N/A            | 340         | 120         | Peak              |
| 2  | 5350.000        | 60.15          | 0.59       | 60.75                | -13.25      | 74.00          | 340         | 120         | Peak              |
| 3  | * 5359.240      | 65.73          | 0.58       | 66.31                | -7.69       | 74.00          | 340         | 120         | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band2_TX_CH 58_Ant 0+1           | Test Voltage         | AC 120V/60Hz |

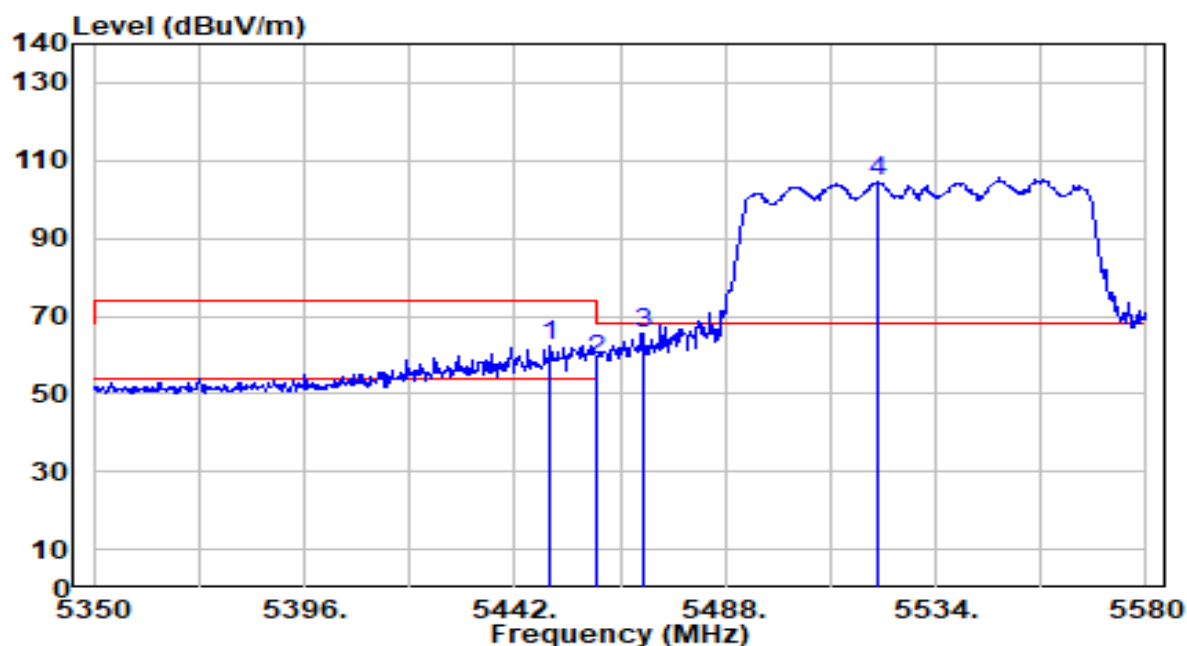


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | 5316.560        | 92.82          | 0.65       | 93.47                | N/A         | N/A            | 340         | 120         | Average           |
| 2  | 5350.000        | 49.84          | 0.59       | 50.43                | -3.57       | 54.00          | 340         | 120         | Average           |
| 3  | * 5353.520      | 50.48          | 0.59       | 51.06                | -2.94       | 54.00          | 340         | 120         | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Horizontal                                      | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band3_TX_CH 106_Ant 0+1          | Test Voltage         | AC 120V/60Hz |

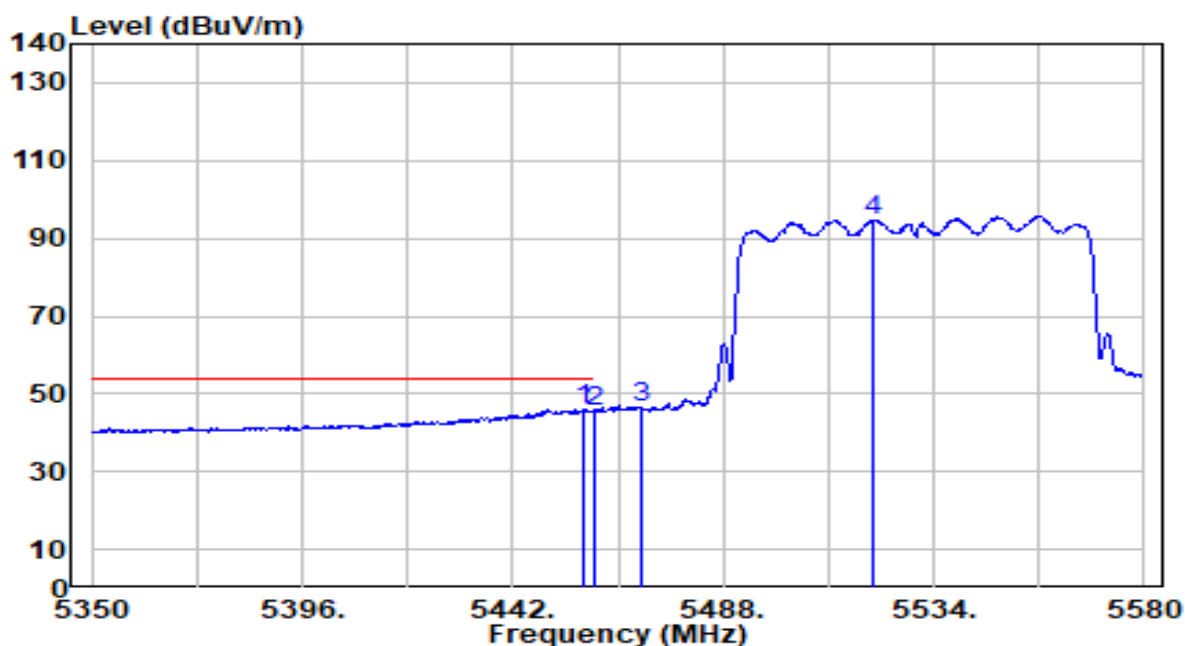


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | 5449.590        | 61.85          | 0.72       | 62.56                | -11.44      | 74.00          | 250         | 0           | Peak              |
| 2  | 5460.000        | 58.01          | 0.76       | 58.77                | -15.23      | 74.00          | 250         | 0           | Peak              |
| 3  | * 5470.000      | 64.96          | 0.80       | 65.76                | -2.44       | 68.20          | 250         | 0           | Peak              |
| 4  | 5521.120        | 103.34         | 1.03       | 104.37               | N/A         | N/A            | 250         | 0           | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Horizontal                                      | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band3_TX_CH 106_Ant 0+1          | Test Voltage         | AC 120V/60Hz |

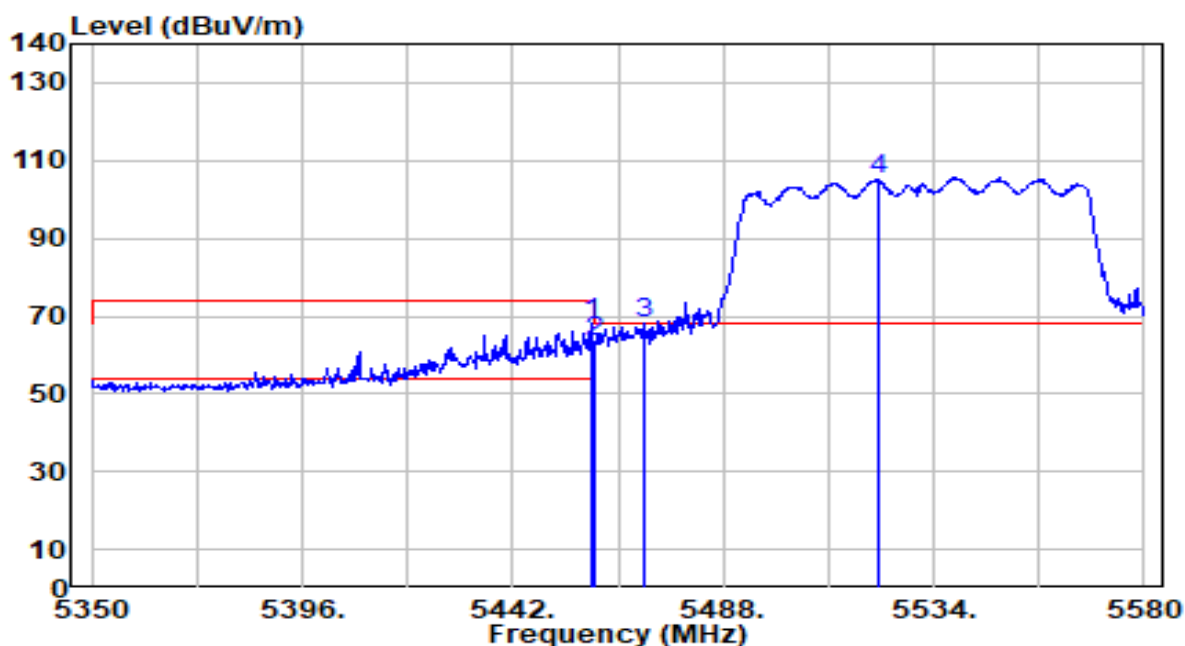


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * 5457.410      | 45.26          | 0.75       | 46.01                | -7.99       | 54.00          | 250         | 0           | Average           |
| 2  | 5460.000        | 44.76          | 0.76       | 45.52                | -8.48       | 54.00          | 250         | 0           | Average           |
| 3  | 5470.000        | 45.90          | 0.80       | 46.70                | N/A         | N/A            | 250         | 0           | Average           |
| 4  | 5520.890        | 93.76          | 1.02       | 94.79                | N/A         | N/A            | 250         | 0           | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band3_TX_CH 106_Ant 0+1          | Test Voltage         | AC 120V/60Hz |

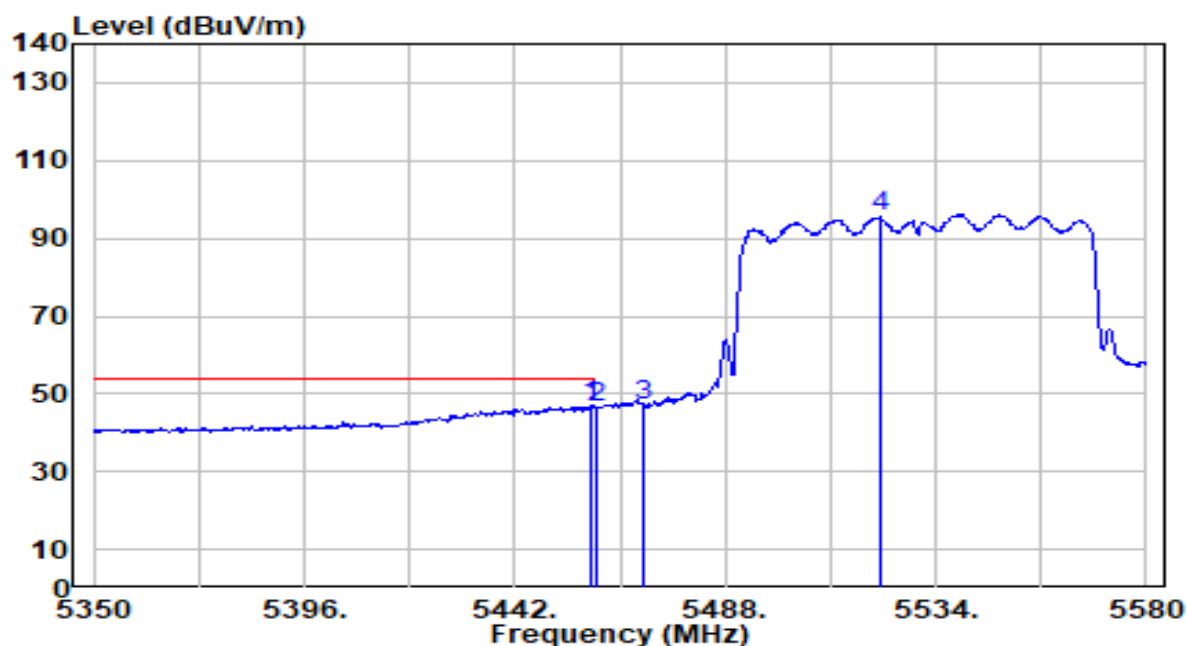


| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | 5459.020        | 67.36          | 0.76       | 68.11                | -5.89       | 74.00          | 220         | 100         | Peak              |
| 2  | 5460.000        | 62.85          | 0.76       | 63.61                | -10.39      | 74.00          | 220         | 100         | Peak              |
| 3  | * 5470.750      | 67.21          | 0.81       | 68.02                | -0.18       | 68.20          | 220         | 98          | Peak              |
| 4  | 5521.810        | 103.96         | 1.03       | 104.99               | N/A         | N/A            | 220         | 100         | Peak              |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band3_TX_CH 106_Ant 0+1          | Test Voltage         | AC 120V/60Hz |



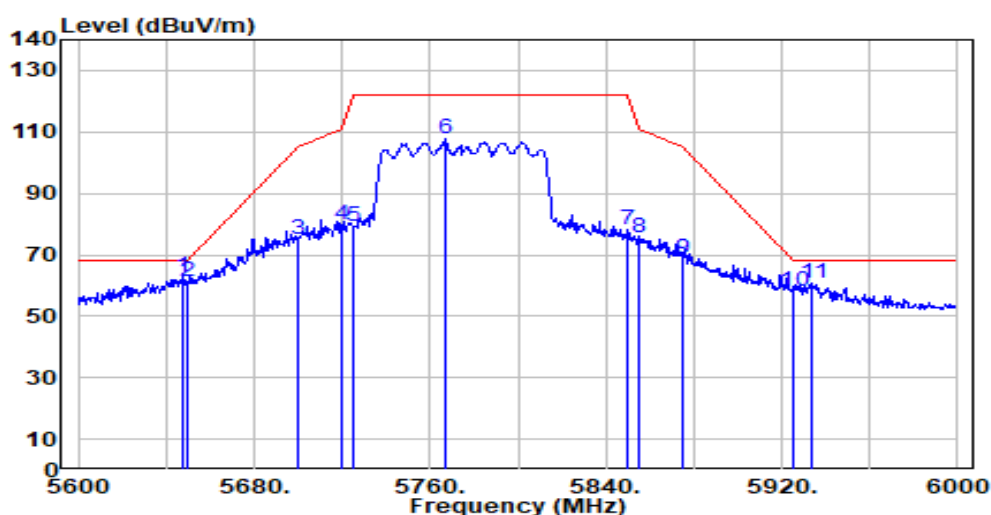
| No | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * 5458.790      | 46.01          | 0.76       | 46.76                | -7.24       | 54.00          | 220         | 100         | Average           |
| 2  | 5460.000        | 45.98          | 0.76       | 46.74                | -7.26       | 54.00          | 220         | 100         | Average           |
| 3  | 5470.000        | 46.12          | 0.80       | 46.92                | N/A         | N/A            | 220         | 100         | Average           |
| 4  | 5522.040        | 94.35          | 1.03       | 95.38                | N/A         | N/A            | 220         | 100         | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.



|          |                                                 |                      |            |
|----------|-------------------------------------------------|----------------------|------------|
| EUT      | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25 |
| Factor   | DRH18-E                                         | Temp. / Humidity     | 23°C /60%  |
| Polarity | Horizontal                                      | Site / Test Engineer | AC2 / Xuan |



|           |                                           |              |              |
|-----------|-------------------------------------------|--------------|--------------|
| Test Mode | 802.11ac-80MHz_Band4_TX_CH 155_Ant<br>0+1 | Test Voltage | AC 120V/60Hz |
|-----------|-------------------------------------------|--------------|--------------|

| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * | 5647.200        | 61.17          | 1.57       | 62.74                | -5.46       | 68.20          | 240         | 10          | Peak              |
| 2  |   | 5650.000        | 59.73          | 1.59       | 61.32                | -6.88       | 68.20          | 240         | 10          | Peak              |
| 3  |   | 5700.000        | 73.09          | 1.79       | 74.88                | -30.32      | 105.20         | 240         | 10          | Peak              |
| 4  |   | 5720.000        | 78.00          | 1.87       | 79.87                | -30.93      | 110.80         | 240         | 10          | Peak              |
| 5  |   | 5725.000        | 77.57          | 1.89       | 79.46                | -42.74      | 122.20         | 240         | 10          | Peak              |
| 6  |   | 5767.200        | 105.61         | 2.06       | 107.67               | N/A         | N/A            | 240         | 10          | Peak              |
| 7  |   | 5850.000        | 75.93          | 2.27       | 78.20                | -44.00      | 122.20         | 240         | 10          | Peak              |
| 8  |   | 5855.000        | 73.27          | 2.28       | 75.54                | -35.26      | 110.80         | 240         | 10          | Peak              |
| 9  |   | 5875.000        | 66.14          | 2.31       | 68.45                | -36.75      | 105.20         | 240         | 10          | Peak              |
| 10 |   | 5925.000        | 55.81          | 2.38       | 58.19                | -10.01      | 68.20          | 240         | 10          | Peak              |
| 11 |   | 5934.000        | 58.47          | 2.40       | 60.87                | -7.33       | 68.20          | 240         | 10          | Peak              |

Note:

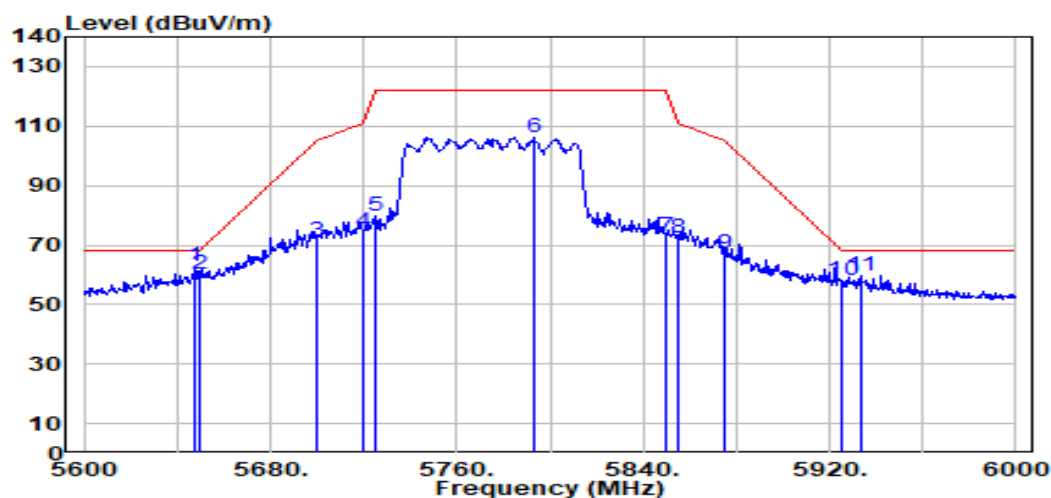
1. " \*", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.

3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

4. The emission levels of other frequencies are very lower than the limit and not show in test report.

|           |                                                 |                      |              |
|-----------|-------------------------------------------------|----------------------|--------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-11-25   |
| Factor    | DRH18-E                                         | Temp. / Humidity     | 23°C /60%    |
| Polarity  | Vertical                                        | Site / Test Engineer | AC2 / Xuan   |
| Test Mode | 802.11ac-80MHz_Band4_TX_CH 155_Ant 0+1          | Test Voltage         | AC 120V/60Hz |



| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB/m) | Measurement (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Height (cm) | Angle (deg) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|------------|----------------------|-------------|----------------|-------------|-------------|-------------------|
| 1  | * | 5647.600        | 61.15          | 1.58       | 62.73                | -5.47       | 68.20          | 235         | 95          | Peak              |
| 2  |   | 5650.000        | 58.83          | 1.59       | 60.42                | -7.78       | 68.20          | 235         | 95          | Peak              |
| 3  |   | 5700.000        | 69.70          | 1.79       | 71.49                | -33.71      | 105.20         | 235         | 95          | Peak              |
| 4  |   | 5720.000        | 72.38          | 1.87       | 74.24                | -36.56      | 110.80         | 235         | 95          | Peak              |
| 5  |   | 5725.000        | 77.98          | 1.89       | 79.87                | -42.33      | 122.20         | 235         | 95          | Peak              |
| 6  |   | 5792.800        | 103.84         | 2.16       | 106.00               | N/A         | N/A            | 235         | 95          | Peak              |
| 7  |   | 5850.000        | 70.87          | 2.27       | 73.14                | -49.06      | 122.20         | 235         | 95          | Peak              |
| 8  |   | 5855.000        | 70.12          | 2.28       | 72.39                | -38.41      | 110.80         | 235         | 95          | Peak              |
| 9  |   | 5875.000        | 64.72          | 2.31       | 67.02                | -38.18      | 105.20         | 235         | 95          | Peak              |
| 10 |   | 5925.000        | 55.72          | 2.38       | 58.10                | -10.10      | 68.20          | 235         | 95          | Peak              |
| 11 |   | 5933.200        | 57.21          | 2.40       | 59.60                | -8.60       | 68.20          | 235         | 95          | Peak              |

Note:

1. " \*", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB/m)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.

3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

## 7.10. AC Conducted Emissions Measurement

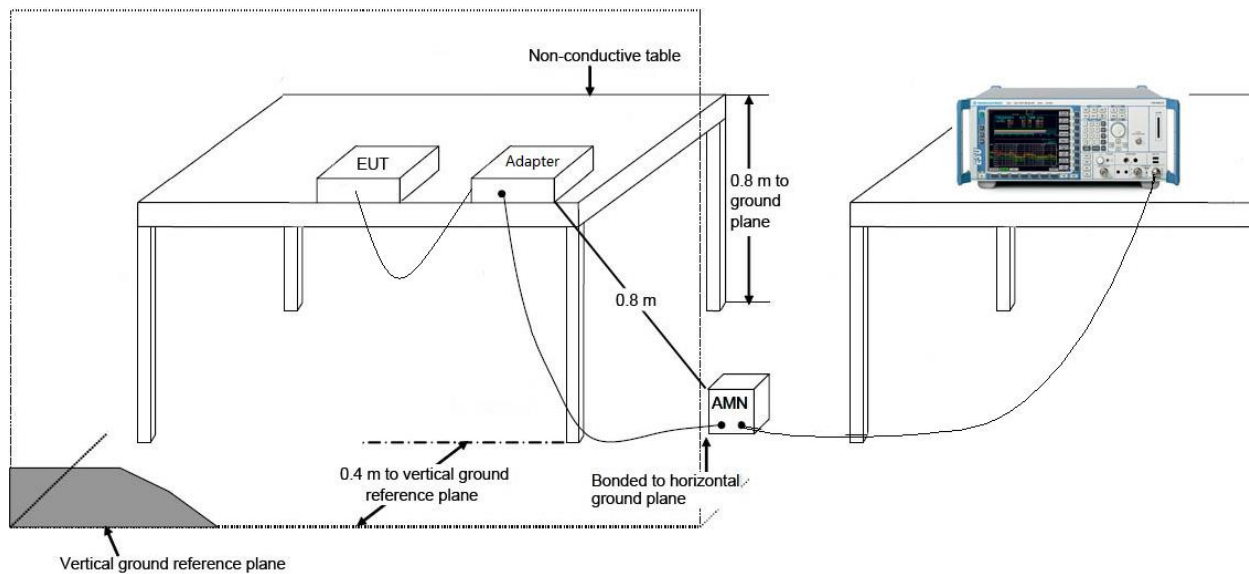
### 7.10.1. Test Limit

| FCC Part 15.207 Limits |                    |                    |
|------------------------|--------------------|--------------------|
| Frequency<br>(MHz)     | QP<br>(dB $\mu$ V) | AV<br>(dB $\mu$ V) |
| 0.15 ~ 0.50            | 66 ~ 56            | 56 ~ 46            |
| 0.50 ~ 5.0             | 56                 | 46                 |
| 5.0 ~ 30               | 60                 | 50                 |

Note 1: The lower limit shall apply at the transition frequencies.

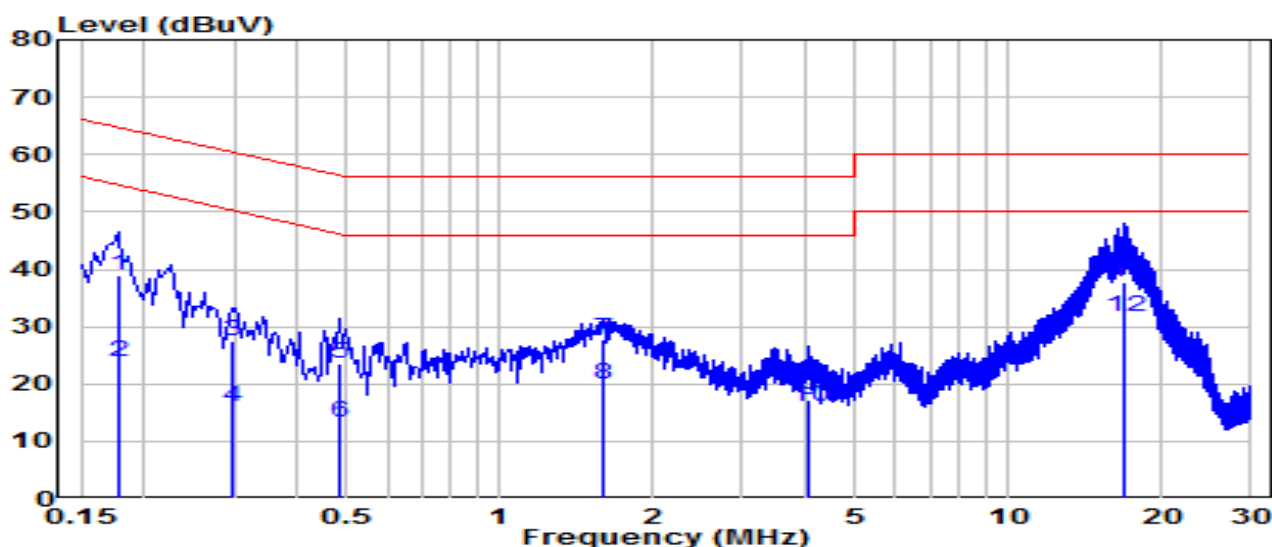
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.10.2. Test Setup



### 7.10.3. Test Result

|           |                                                 |                      |               |
|-----------|-------------------------------------------------|----------------------|---------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-12-02    |
| Factor    | CE_ENV216-L1 (Filter ON)                        | Temp. / Humidity     | 22.4°C /60%   |
| Polarity  | Line1                                           | Site / Test Engineer | SR6 / Amber   |
| Test Mode | 802.11ac-20MHz_Band1_TX_CH 44_Ant 0+1           | Test Voltage         | AC 120V /60Hz |

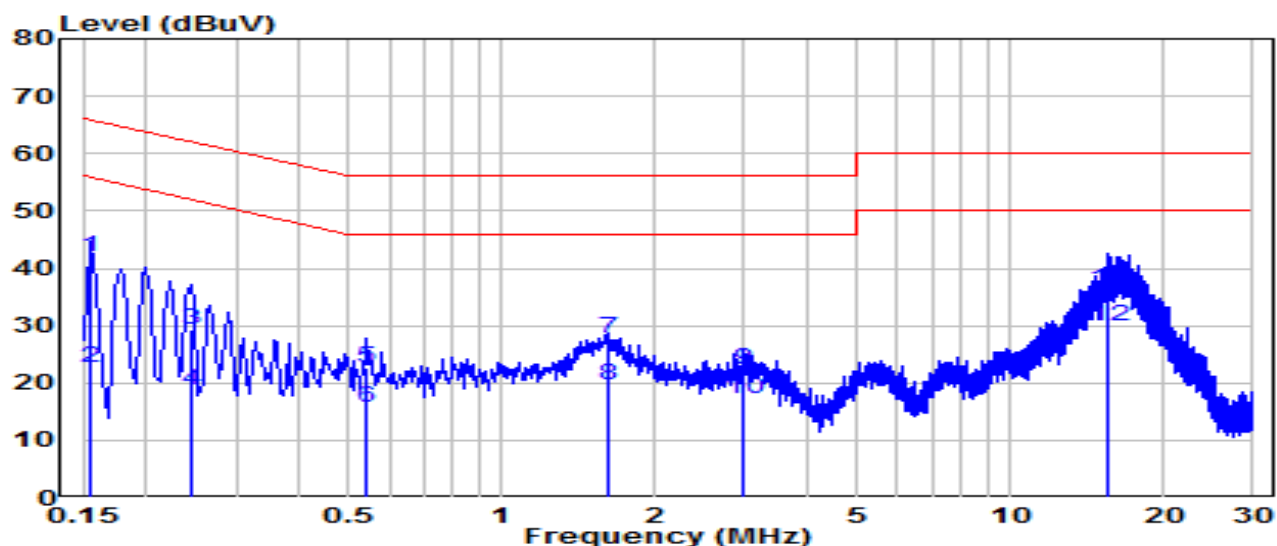


| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|----------|--------------------|-------------|--------------|-------------------|
| 1  |   | 0.177           | 29.38          | 9.62     | 39.00              | -25.62      | 64.63        | QP                |
| 2  |   | 0.177           | 14.32          | 9.62     | 23.94              | -30.69      | 54.63        | Average           |
| 3  |   | 0.298           | 17.88          | 9.63     | 27.51              | -32.77      | 60.28        | QP                |
| 4  |   | 0.298           | 6.29           | 9.63     | 15.92              | -34.37      | 50.28        | Average           |
| 5  |   | 0.483           | 13.98          | 9.64     | 23.62              | -32.67      | 56.29        | QP                |
| 6  |   | 0.483           | 3.57           | 9.64     | 13.22              | -33.07      | 46.29        | Average           |
| 7  |   | 1.594           | 17.95          | 9.68     | 27.64              | -28.36      | 56.00        | QP                |
| 8  |   | 1.594           | 10.11          | 9.68     | 19.79              | -26.21      | 46.00        | Average           |
| 9  |   | 4.033           | 7.50           | 9.73     | 17.23              | -38.77      | 56.00        | QP                |
| 10 |   | 4.033           | 6.24           | 9.73     | 15.97              | -30.03      | 46.00        | Average           |
| 11 | * | 16.960          | 27.84          | 9.91     | 37.75              | -22.25      | 60.00        | QP                |
| 12 | * | 16.960          | 21.83          | 9.91     | 31.73              | -18.27      | 50.00        | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

|           |                                                 |                      |               |
|-----------|-------------------------------------------------|----------------------|---------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-12-02    |
| Factor    | CE_ENV216-N (Filter ON)                         | Temp. / Humidity     | 22.4°C /60%   |
| Polarity  | Neutral                                         | Site / Test Engineer | SR6 / Amber   |
| Test Mode | 802.11ac-20MHz_Band1_TX_CH 44_Ant 0+1           | Test Voltage         | AC 120V /60Hz |

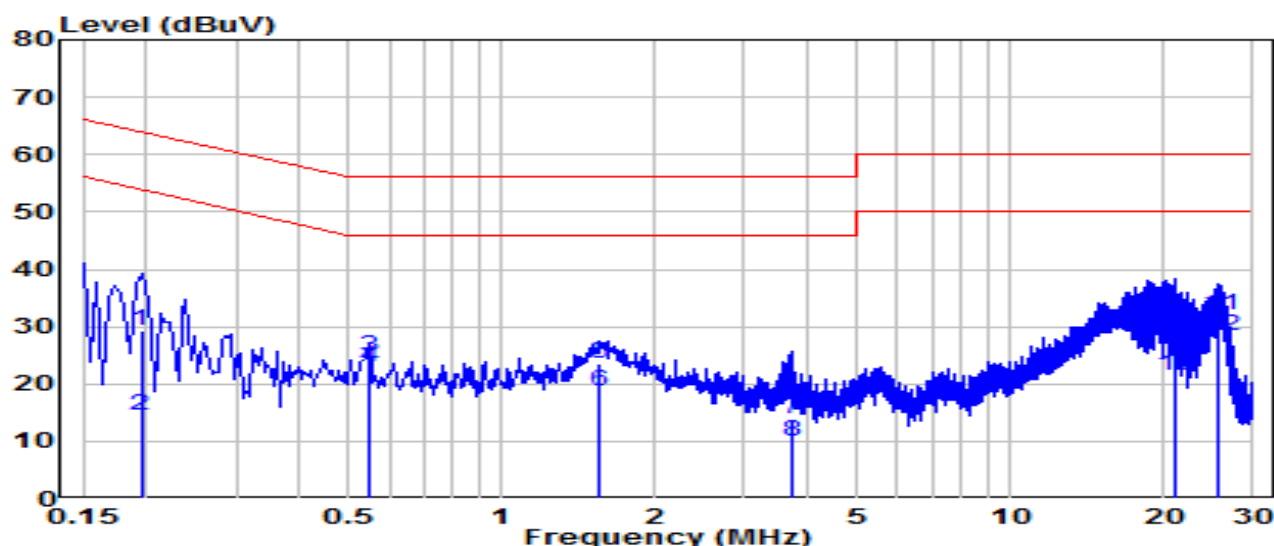


| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|----------|--------------------|-------------|--------------|-------------------|
| 1  |   | 0.154           | 32.23          | 9.62     | 41.85              | -23.90      | 65.75        | QP                |
| 2  |   | 0.154           | 13.09          | 9.62     | 22.71              | -33.05      | 55.75        | Average           |
| 3  |   | 0.244           | 19.78          | 9.63     | 29.41              | -32.53      | 61.94        | QP                |
| 4  |   | 0.244           | 8.97           | 9.63     | 18.60              | -33.34      | 51.94        | Average           |
| 5  |   | 0.541           | 12.90          | 9.64     | 22.54              | -33.46      | 56.00        | QP                |
| 6  |   | 0.541           | 6.13           | 9.64     | 15.78              | -30.22      | 46.00        | Average           |
| 7  |   | 1.612           | 18.03          | 9.68     | 27.71              | -28.29      | 56.00        | QP                |
| 8  |   | 1.612           | 9.84           | 9.68     | 19.52              | -26.48      | 46.00        | Average           |
| 9  |   | 2.994           | 12.69          | 9.71     | 22.40              | -33.60      | 56.00        | QP                |
| 10 |   | 2.994           | 7.59           | 9.71     | 17.30              | -28.70      | 46.00        | Average           |
| 11 | * | 15.480          | 26.20          | 9.94     | 36.14              | -23.86      | 60.00        | QP                |
| 12 | * | 15.480          | 20.04          | 9.94     | 29.98              | -20.02      | 50.00        | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

|           |                                                 |                      |               |
|-----------|-------------------------------------------------|----------------------|---------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-12-02    |
| Factor    | CE_ENV216-L1 (Filter ON)                        | Temp. / Humidity     | 22.4°C /60%   |
| Polarity  | Line1                                           | Site / Test Engineer | SR6 / Amber   |
| Test Mode | 802.11ac-20MHz_Band1_TX_CH 44_Ant 0+1           | Test Voltage         | AC 240V /60Hz |

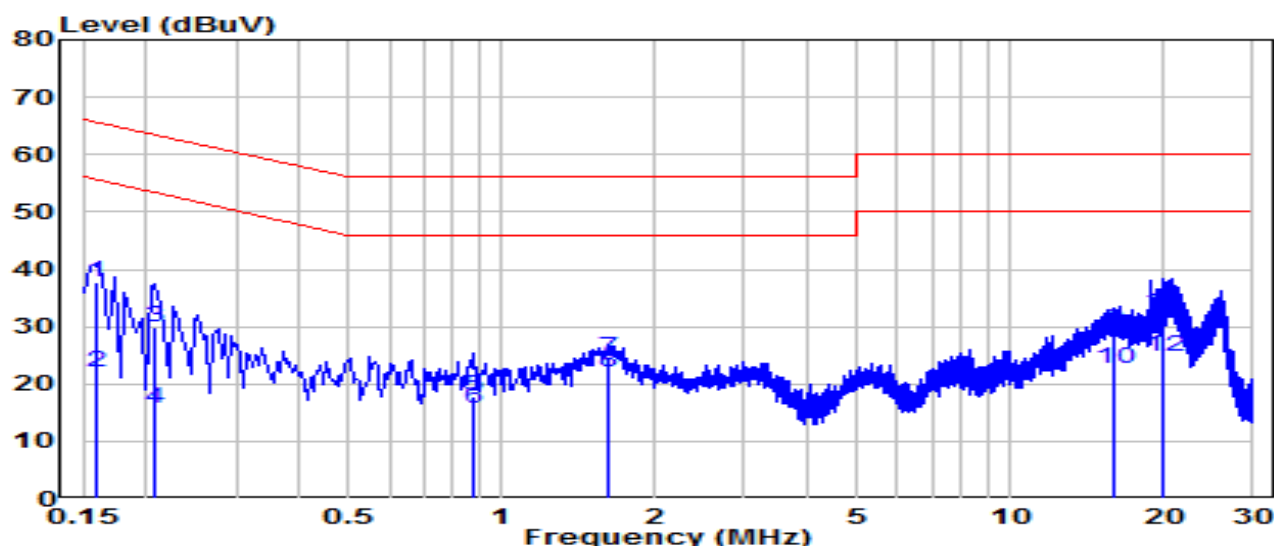


| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|----------|--------------------|-------------|--------------|-------------------|
| 1  |   | 0.195           | 19.78          | 9.62     | 29.40              | -34.42      | 63.82        | QP                |
| 2  |   | 0.195           | 4.78           | 9.62     | 14.40              | -39.42      | 53.82        | Average           |
| 3  |   | 0.546           | 15.16          | 9.64     | 24.81              | -31.19      | 56.00        | QP                |
| 4  |   | 0.546           | 13.35          | 9.64     | 22.99              | -23.01      | 46.00        | Average           |
| 5  |   | 1.558           | 13.79          | 9.68     | 23.47              | -32.53      | 56.00        | QP                |
| 6  |   | 1.558           | 9.10           | 9.68     | 18.78              | -27.22      | 46.00        | Average           |
| 7  |   | 3.741           | 4.02           | 9.72     | 13.75              | -42.25      | 56.00        | QP                |
| 8  |   | 3.741           | 0.35           | 9.72     | 10.08              | -35.92      | 46.00        | Average           |
| 9  |   | 21.028          | 21.52          | 9.93     | 31.44              | -28.56      | 60.00        | QP                |
| 10 |   | 21.028          | 11.53          | 9.93     | 21.45              | -28.55      | 50.00        | Average           |
| 11 | * | 25.734          | 22.15          | 9.91     | 32.06              | -27.94      | 60.00        | QP                |
| 12 | * | 25.734          | 18.54          | 9.91     | 28.45              | -21.55      | 50.00        | Average           |

Note:

1. " \*", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

|           |                                                 |                      |               |
|-----------|-------------------------------------------------|----------------------|---------------|
| EUT       | AC1300 High Gain Wireless Dual Band USB Adapter | Date of Test         | 2022-12-02    |
| Factor    | CE_ENV216-N (Filter ON)                         | Temp. / Humidity     | 22.4°C /60%   |
| Polarity  | Neutral                                         | Site / Test Engineer | SR6 / Amber   |
| Test Mode | 802.11ac-20MHz_Band1_TX_CH 44_Ant 0+1           | Test Voltage         | AC 240V /60Hz |



| No |   | Frequency (MHz) | Reading (dBuV) | C.F (dB) | Measurement (dBuV) | Margin (dB) | Limit (dBuV) | Remark (QP/PK/AV) |
|----|---|-----------------|----------------|----------|--------------------|-------------|--------------|-------------------|
| 1  |   | 0.159           | 28.12          | 9.62     | 37.74              | -27.78      | 65.52        | QP                |
| 2  |   | 0.159           | 12.42          | 9.62     | 22.04              | -33.48      | 55.52        | Average           |
| 3  |   | 0.208           | 20.21          | 9.62     | 29.83              | -33.43      | 63.27        | QP                |
| 4  |   | 0.208           | 6.18           | 9.62     | 15.81              | -37.46      | 53.27        | Average           |
| 5  |   | 0.879           | 8.27           | 9.66     | 17.93              | -38.07      | 56.00        | QP                |
| 6  |   | 0.879           | 6.11           | 9.66     | 15.77              | -30.23      | 46.00        | Average           |
| 7  | * | 1.612           | 14.87          | 9.68     | 24.55              | -31.45      | 56.00        | QP                |
| 8  | * | 1.612           | 12.39          | 9.68     | 22.07              | -23.93      | 46.00        | Average           |
| 9  |   | 16.051          | 19.36          | 9.94     | 29.31              | -30.69      | 60.00        | QP                |
| 10 |   | 16.051          | 12.68          | 9.94     | 22.62              | -27.38      | 50.00        | Average           |
| 11 |   | 19.854          | 22.37          | 10.00    | 32.37              | -27.63      | 60.00        | QP                |
| 12 |   | 19.854          | 14.62          | 10.00    | 24.62              | -25.38      | 50.00        | Average           |

Note:

- "\*", means this data is the worst emission level.
- C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
- Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).



## 8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

---

The End

## **Appendix A : Test Setup Photograph**

Refer to “2211TW0108-Setup Photo” file.

## **Appendix B : External Photograph**

Refer to “2211TW0108-External Photo” file.

## **Appendix C : Internal Photograph**

Refer to “2211TW0108-Internal Photo” file.