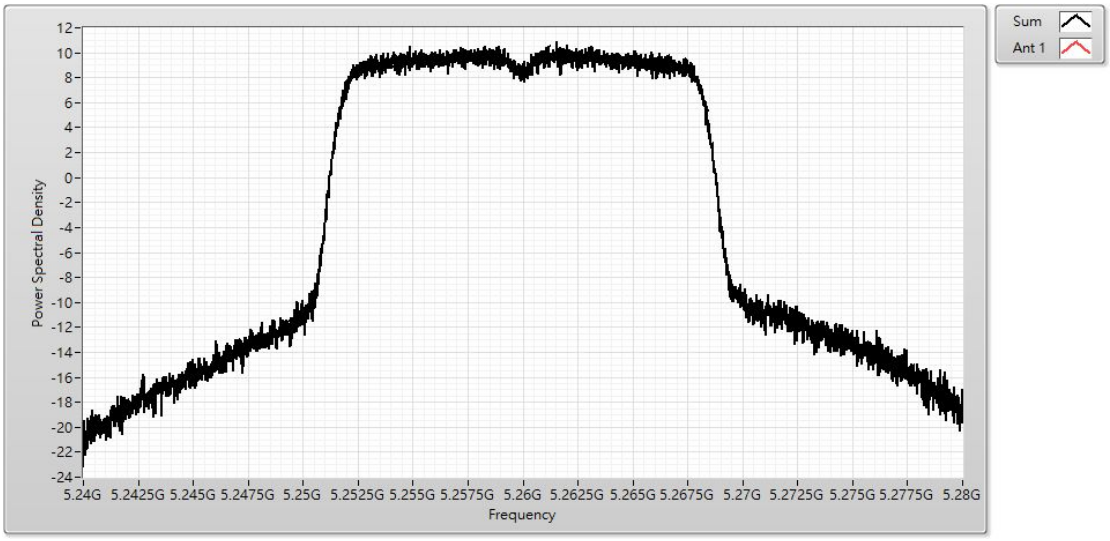
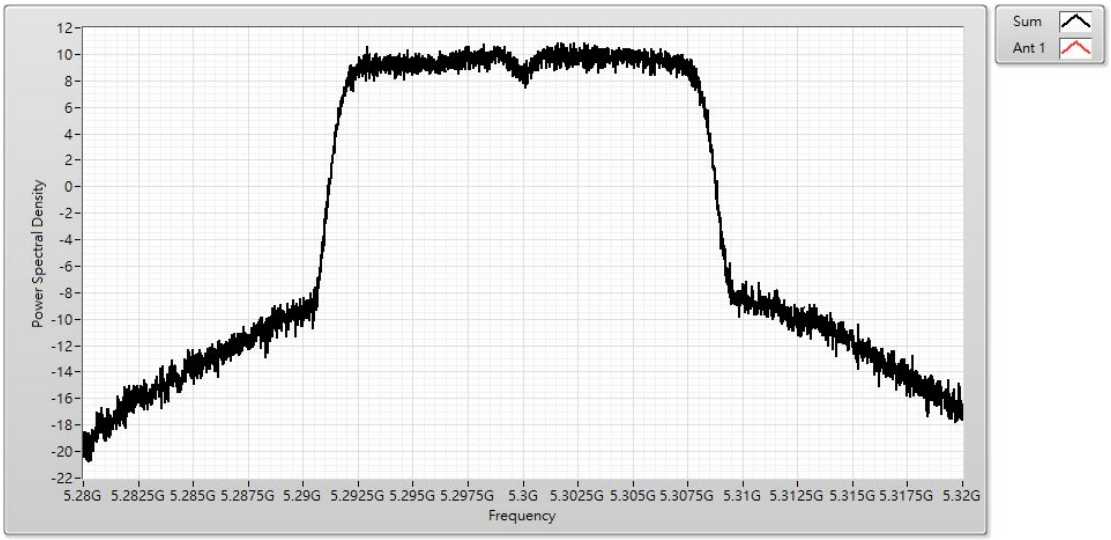
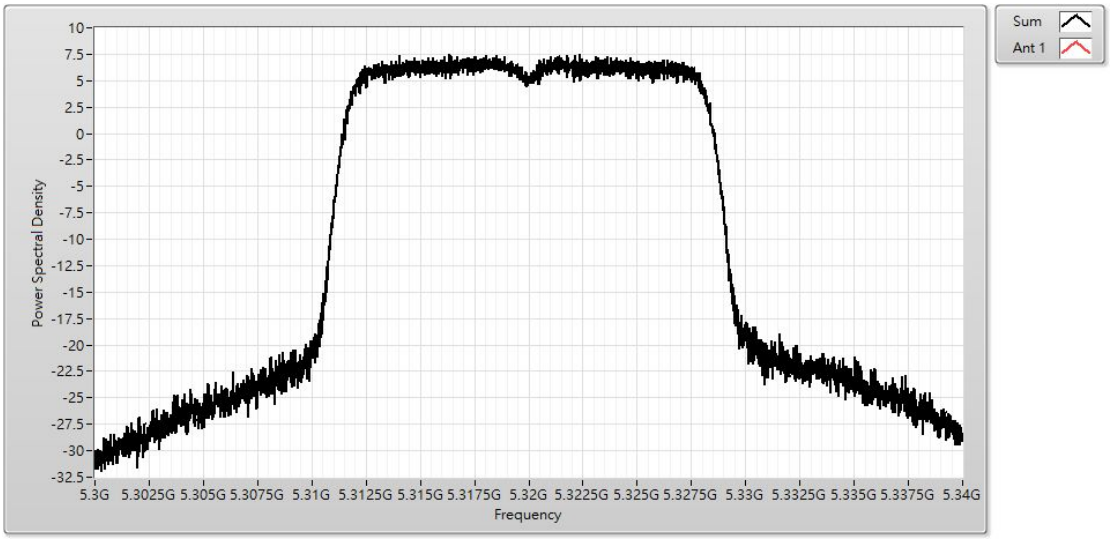
Channel 52 (5260MHz)



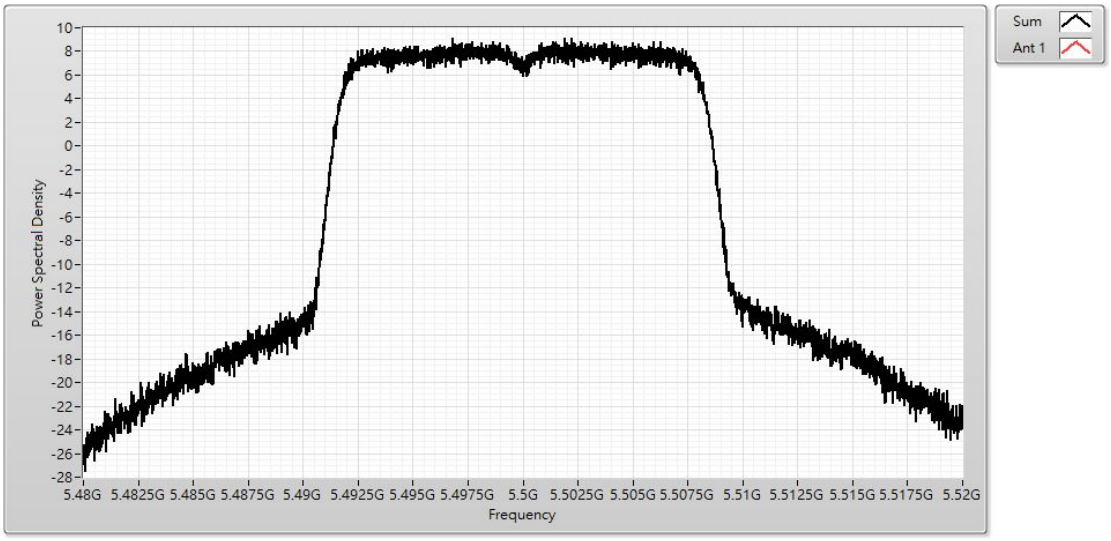

Channel 60 (5300MHz)



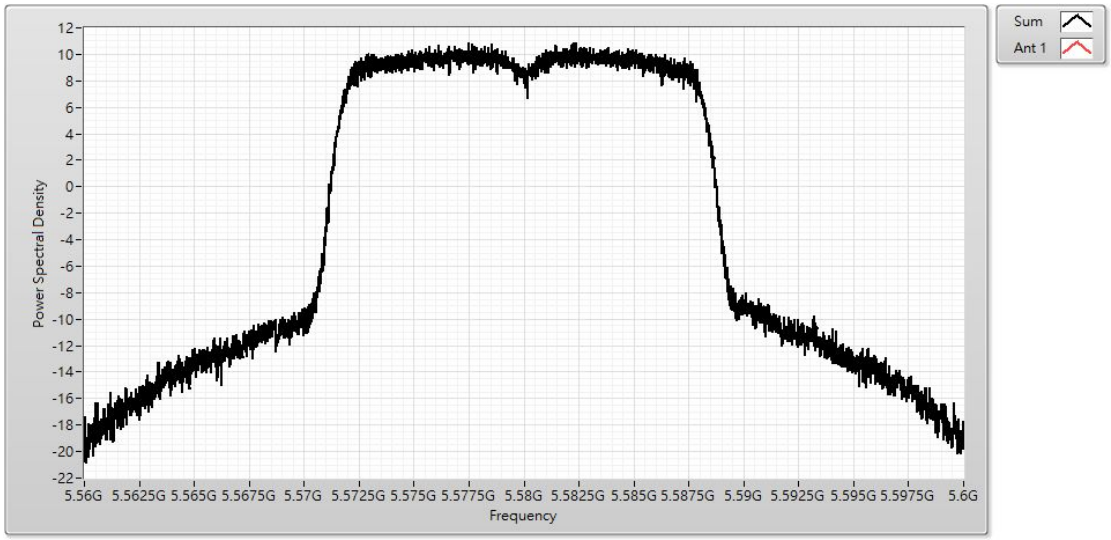
Channel 64 (5320MHz)



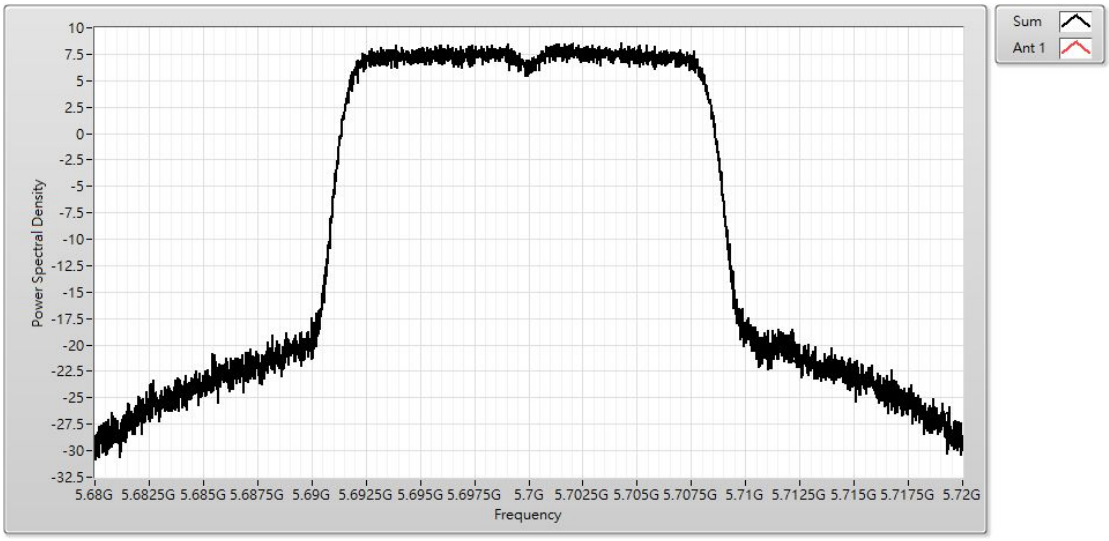
Channel 100 (5500MHz)



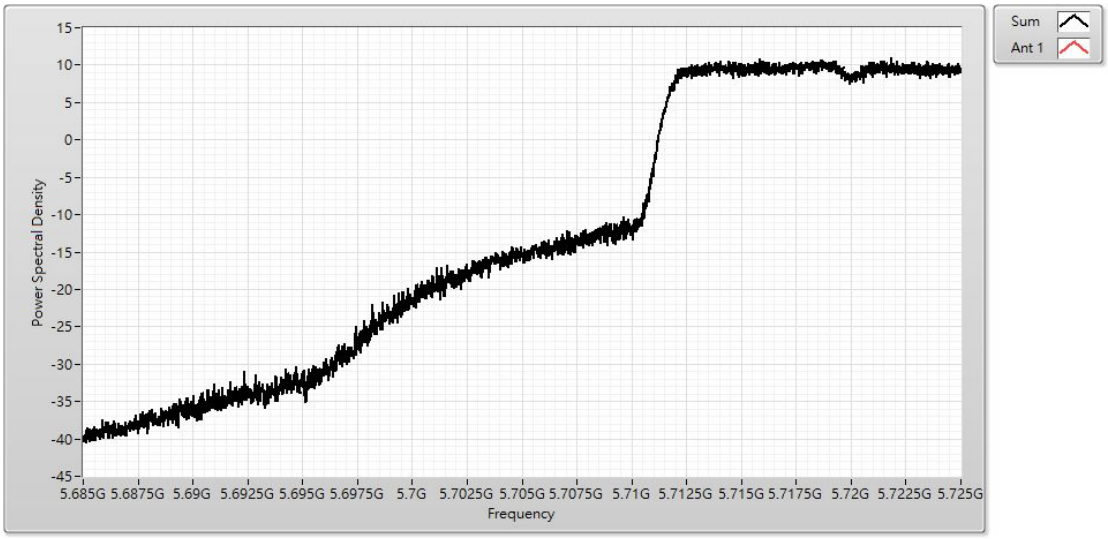

Channel 116 (5580MHz)



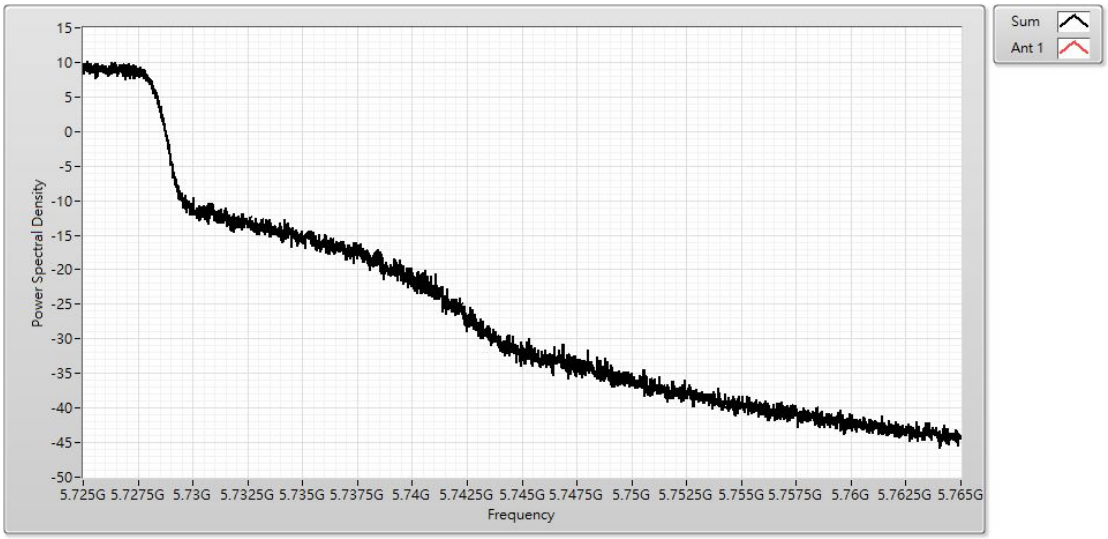
Channel 140 (5700MHz)



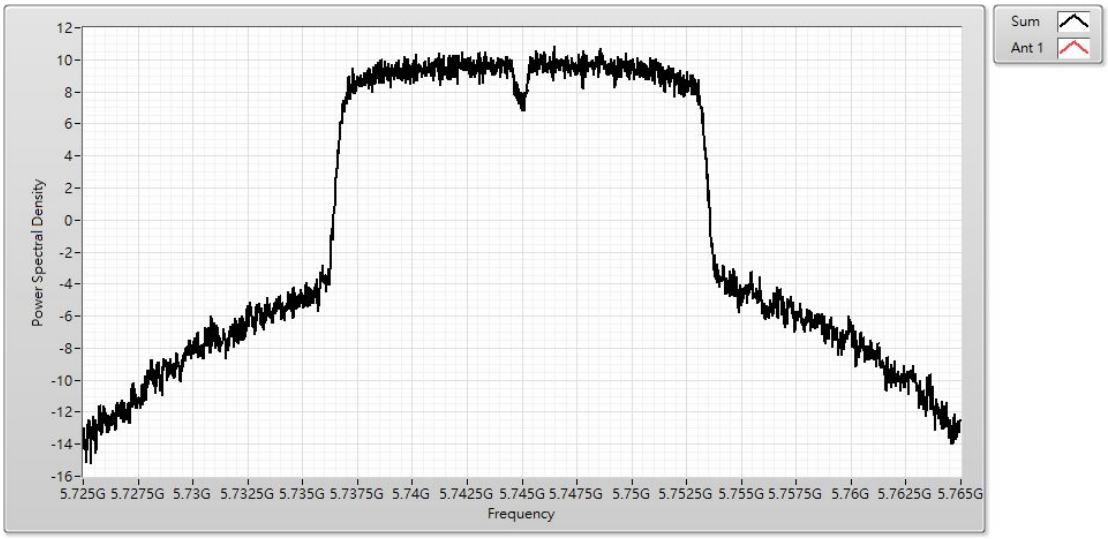
Channel 144_L (5720MHz)



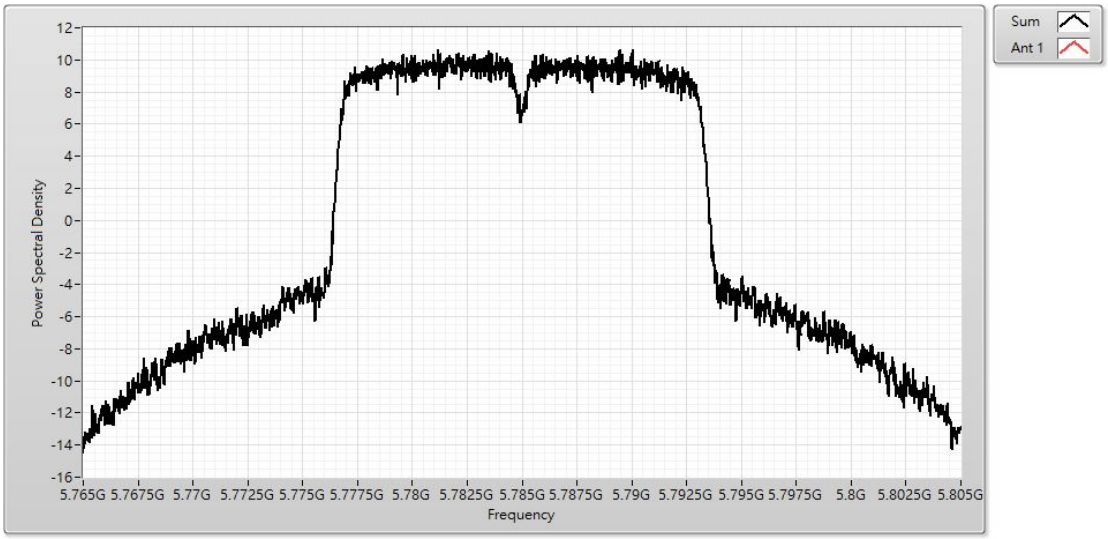

Channel 144_R (5720MHz)



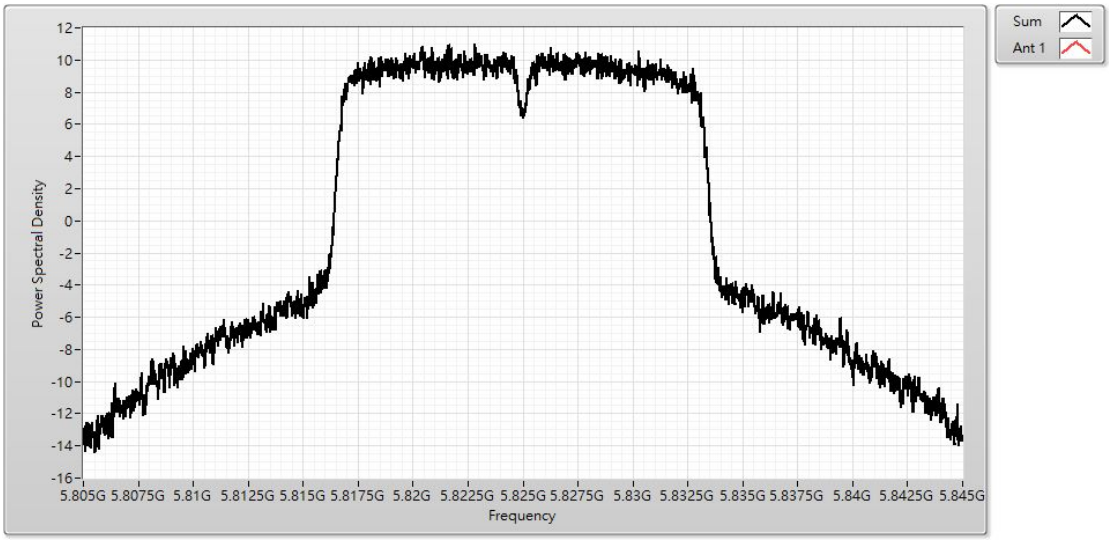
Channel 149 (5745MHz)




Channel 157 (5785MHz)



Channel 165 (5825MHz)

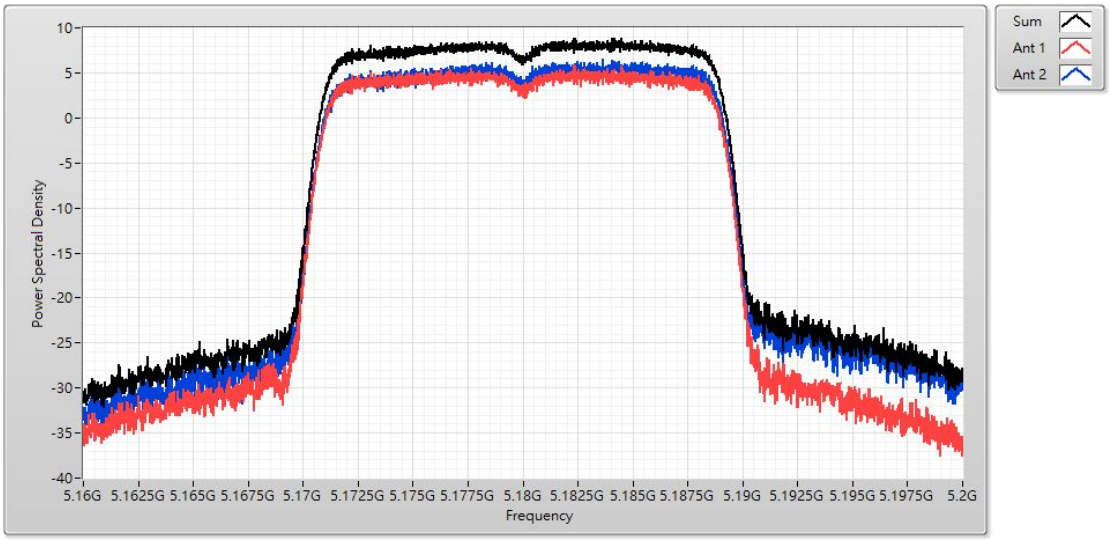


| Product | Smart Display | | |
|---|---|---|---|
| Test Item | Maximum power spectral density | | |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | | |
| Date of Test | 2021/05/19 | Test Site | SR12-H |
| Temperature (°C) | 24.0 | Humidity (%RH) | 68.0 |

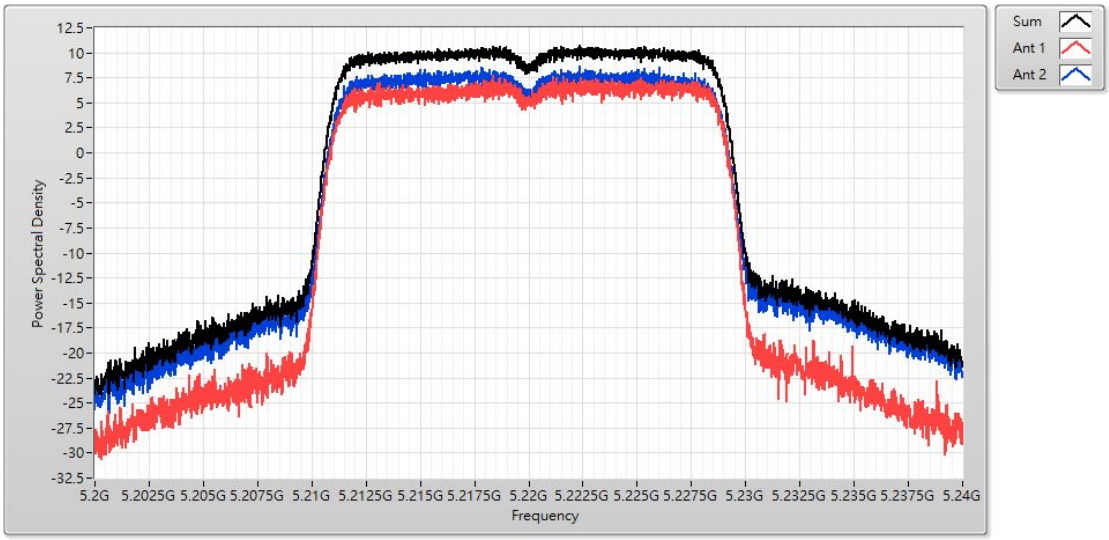
IEEE 802.11ac (20MHz)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | | | Limit (dBm) |
|---|---|---|---|---|---|
| | | Ant. 0 | Ant. 1 | Total | |
| 36 | 5180 | 5.860 | 6.490 | 8.840 | ≦11.000 |
| 44 | 5220 | 7.610 | 8.590 | 10.710 | ≦11.000 |
| 48 | 5240 | 8.130 | 7.930 | 10.740 | ≦11.000 |
| 52 | 5260 | 7.740 | 8.320 | 10.760 | ≦11.000 |
| 60 | 5300 | 7.890 | 8.420 | 10.900 | ≦11.000 |
| 64 | 5320 | 5.930 | 6.490 | 8.930 | ≦11.000 |
| 100 | 5500 | 7.340 | 7.060 | 9.850 | ≦11.000 |
| 116 | 5580 | 8.230 | 7.940 | 10.750 | ≦11.000 |
| 140 | 5700 | 4.430 | 3.950 | 6.870 | ≦11.000 |
| 144_L | 5720 | 7.600 | 8.690 | 10.960 | ≦11.000 |
| 144_R | 5720 | 6.990 | 8.440 | 10.390 | ≦30.000 |
| 149 | 5745 | 9.000 | 9.080 | 11.790 | ≦30.000 |
| 157 | 5785 | 9.000 | 8.300 | 11.220 | ≦30.000 |
| 165 | 5825 | 9.310 | 9.240 | 11.950 | ≦30.000 |

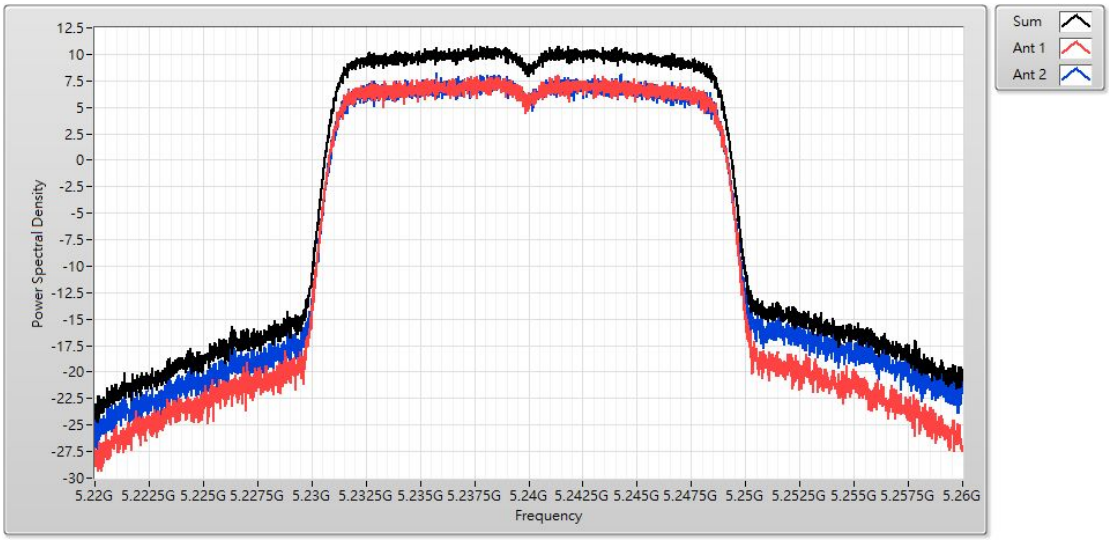
Channel 36 (5180MHz)



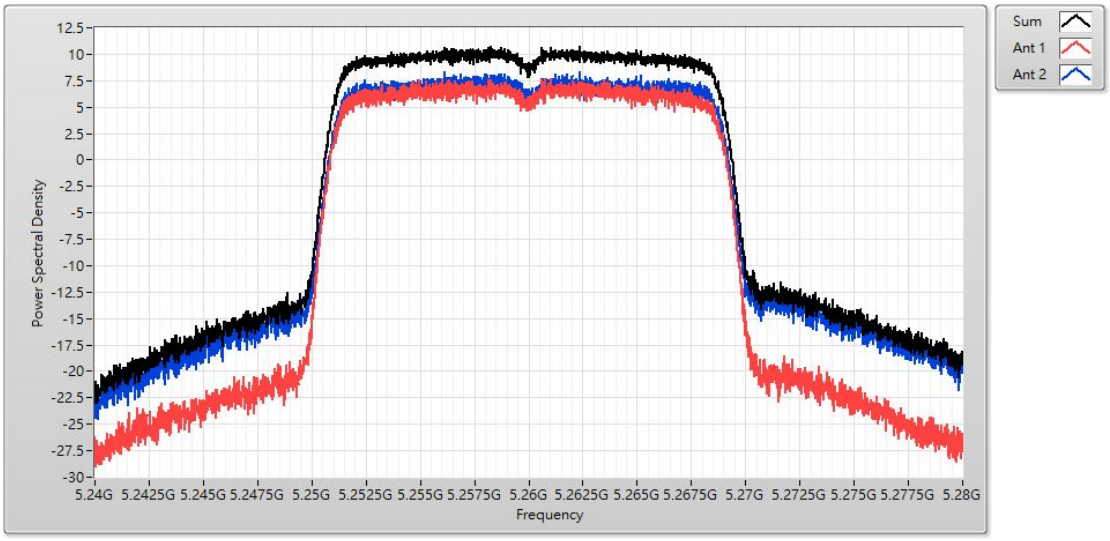

Channel 44 (5220MHz)



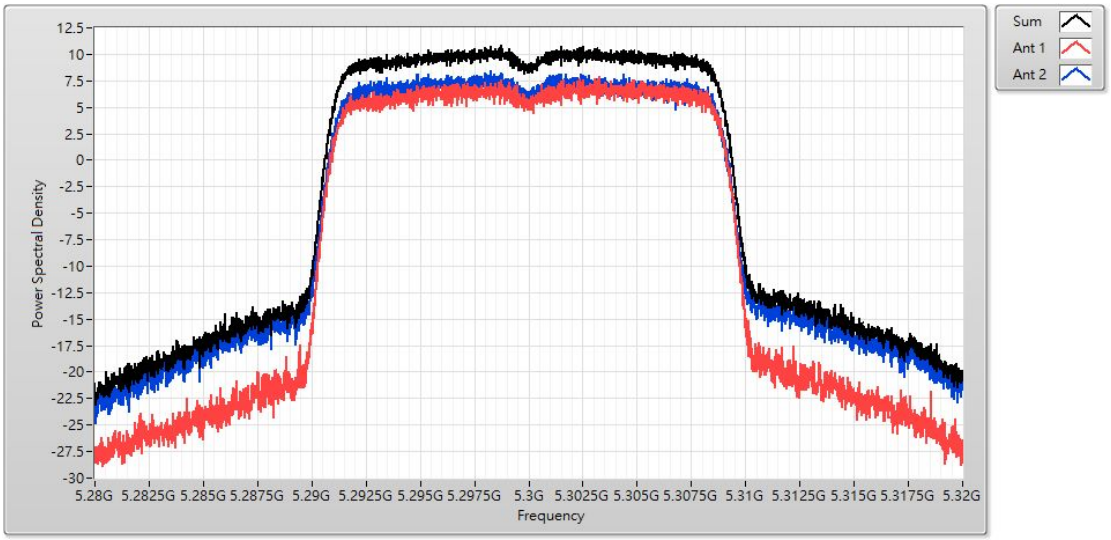
Channel 48 (5240MHz)



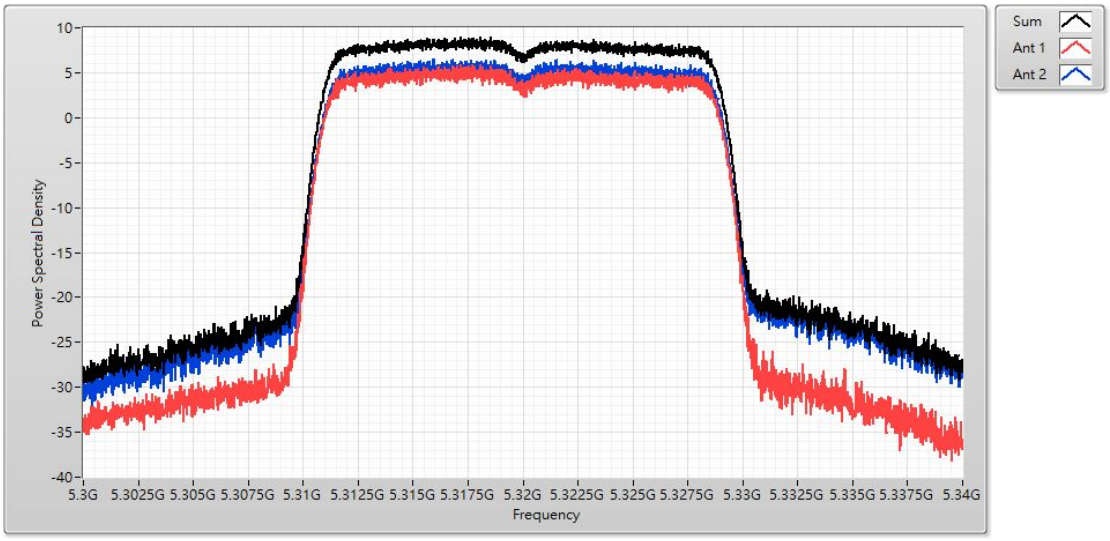
Channel 52 (5260MHz)



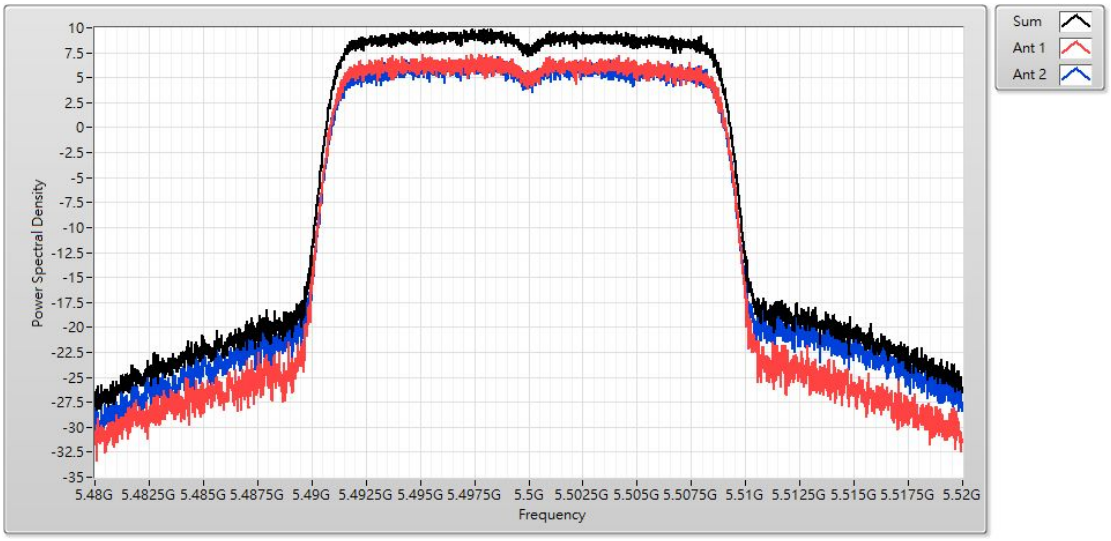

Channel 60 (5300MHz)



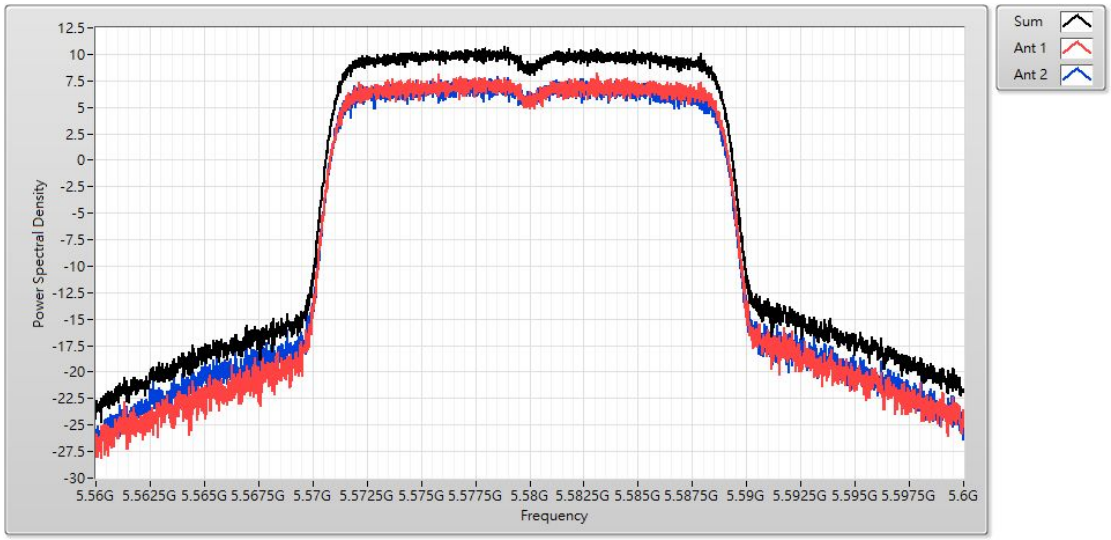
Channel 64 (5320MHz)



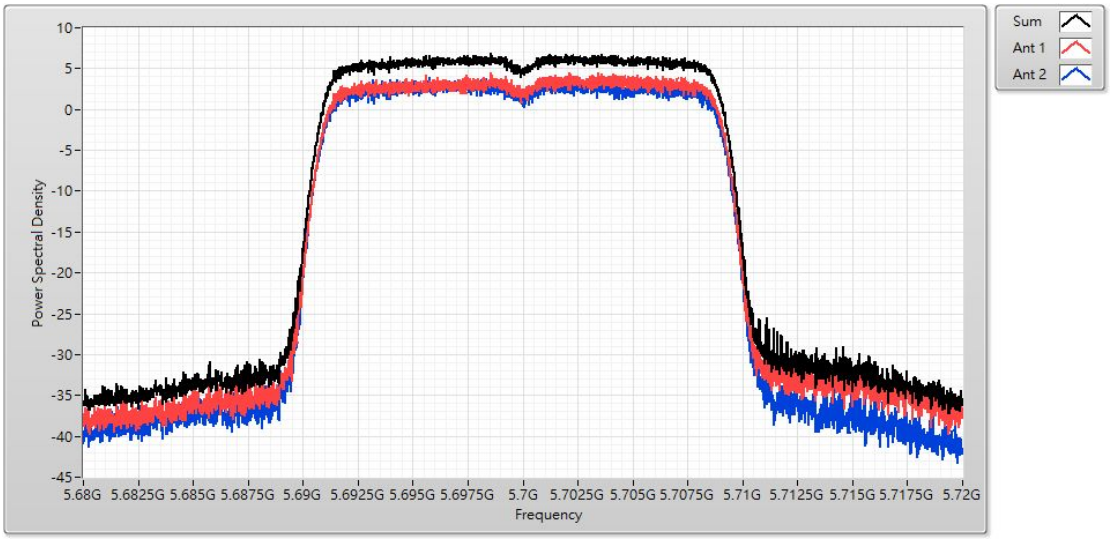
Channel 100 (5500MHz)



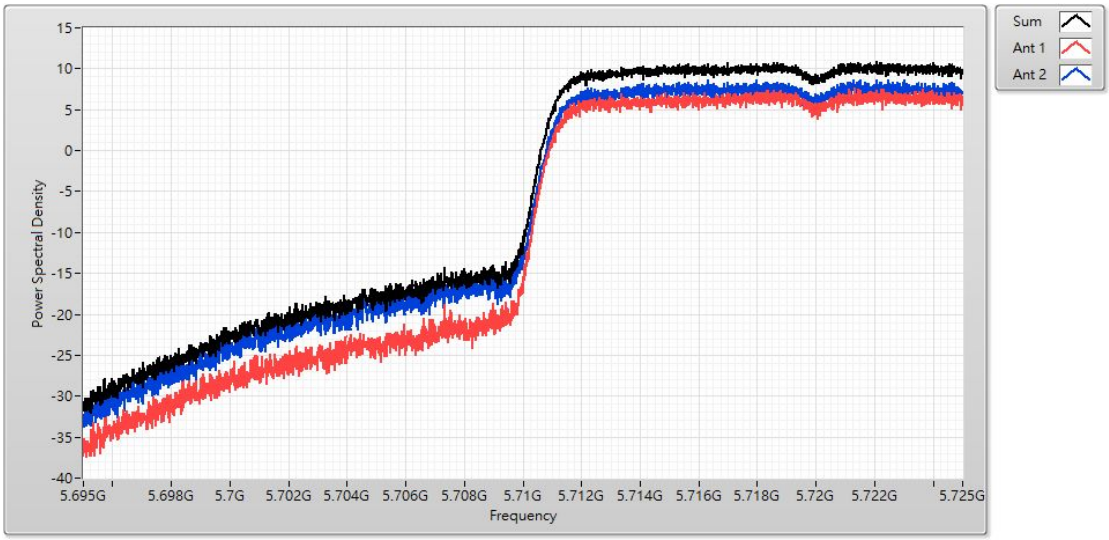

Channel 116 (5580MHz)



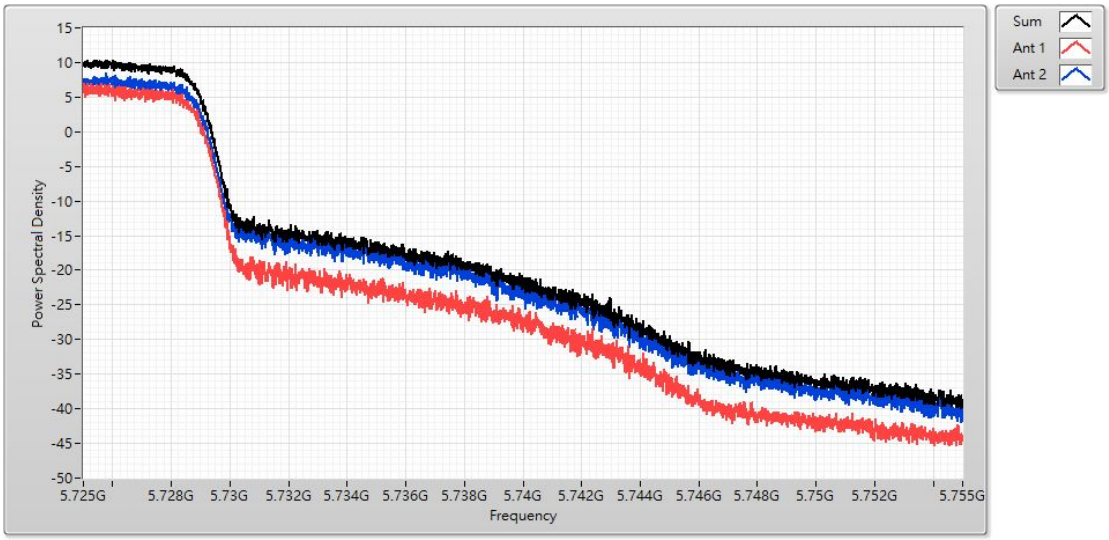
Channel 140 (5700MHz)



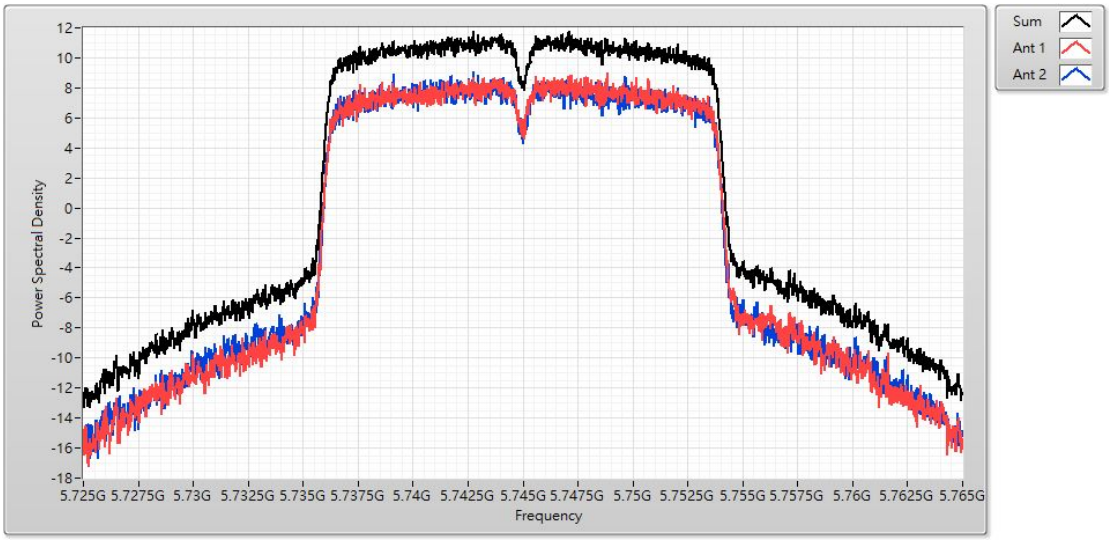
Channel 144_L (5720MHz)



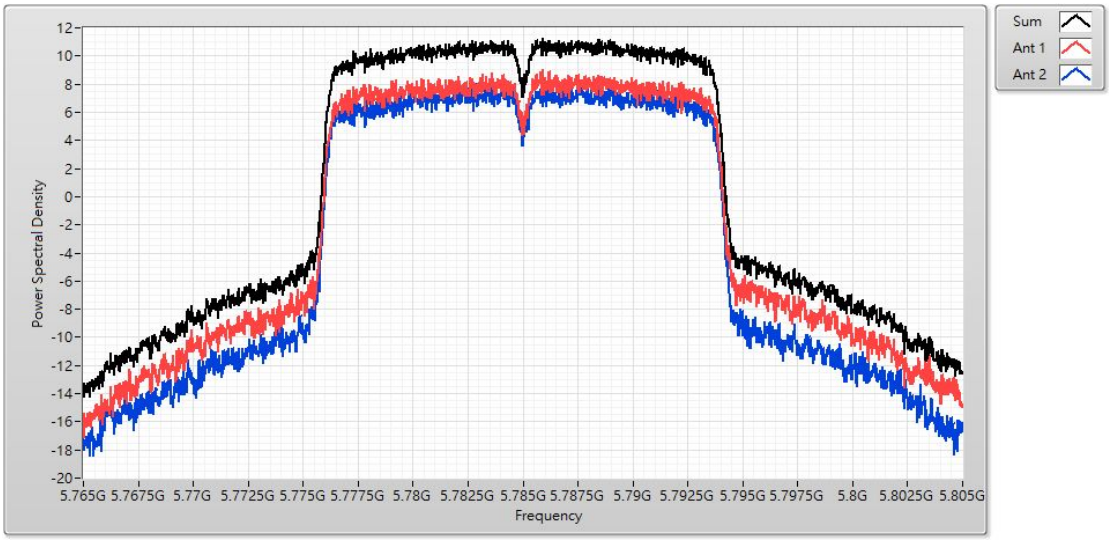

Channel 144_R (5720MHz)



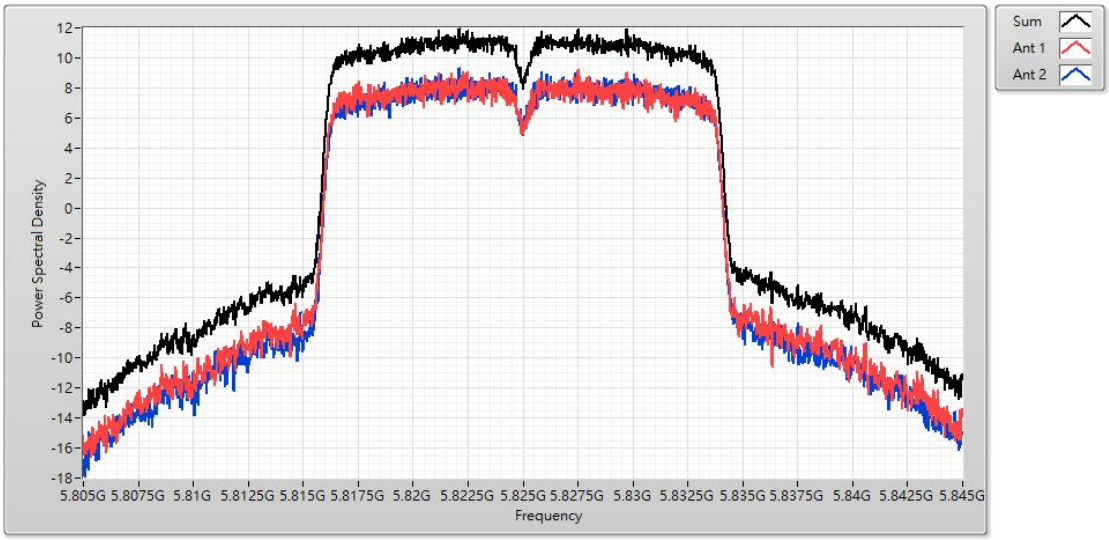
Channel 149 (5745MHz)




Channel 157 (5785MHz)



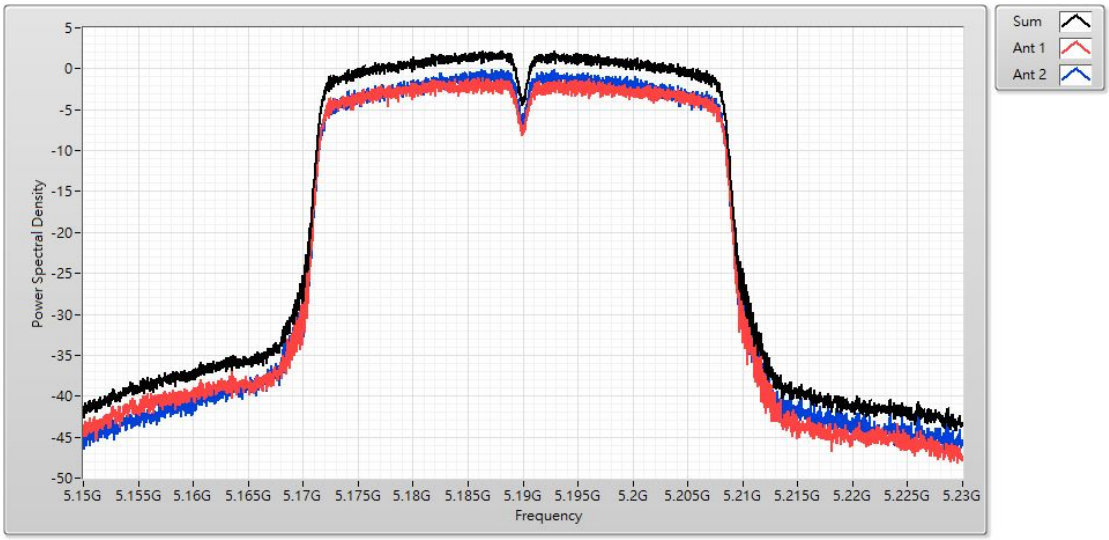
Channel 165 (5825MHz)



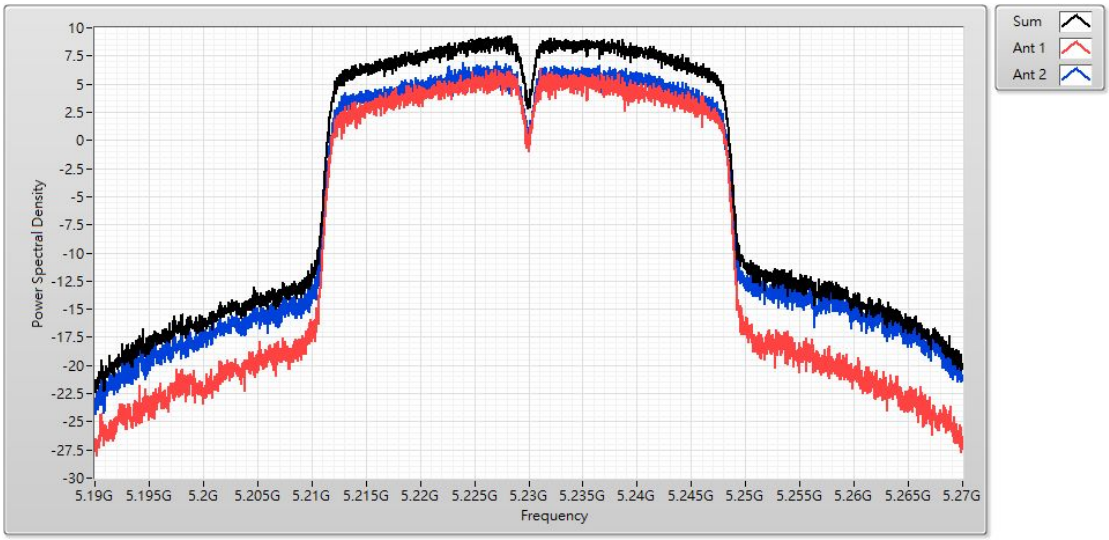
| Product | Smart Display | | |
|---|---|---|---|
| Test Item | Maximum power spectral density | | |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | | |
| Date of Test | 2021/05/19 | Test Site | SR12-H |
| Temperature (°C) | 24.0 | Humidity (%RH) | 68.0 |

| IEEE 802.11ac (40MHz) | | | | | |
|---|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | | | Limit (dBm) |
| | | Ant. 0 | Ant. 1 | Total | |
| 38 | 5190 | -1.090 | -0.040 | 2.180 | ≦11.000 |
| 46 | 5230 | 6.370 | 6.980 | 9.330 | ≦11.000 |
| 54 | 5270 | 3.420 | 4.340 | 6.620 | ≦11.000 |
| 62 | 5310 | -0.300 | 0.910 | 3.200 | ≦11.000 |
| 102 | 5510 | 1.280 | 1.120 | 3.930 | ≦11.000 |
| 110 | 5550 | 6.840 | 6.420 | 9.390 | ≦11.000 |
| 134 | 5670 | 4.280 | 4.360 | 6.880 | ≦11.000 |
| 142_L | 5710 | 7.210 | 7.680 | 10.280 | ≦11.000 |
| 142_R | 5710 | 5.620 | 6.010 | 8.560 | ≦30.000 |
| 151 | 5755 | 5.900 | 5.710 | 8.440 | ≦30.000 |
| 159 | 5795 | 6.330 | 5.090 | 8.500 | ≦30.000 |

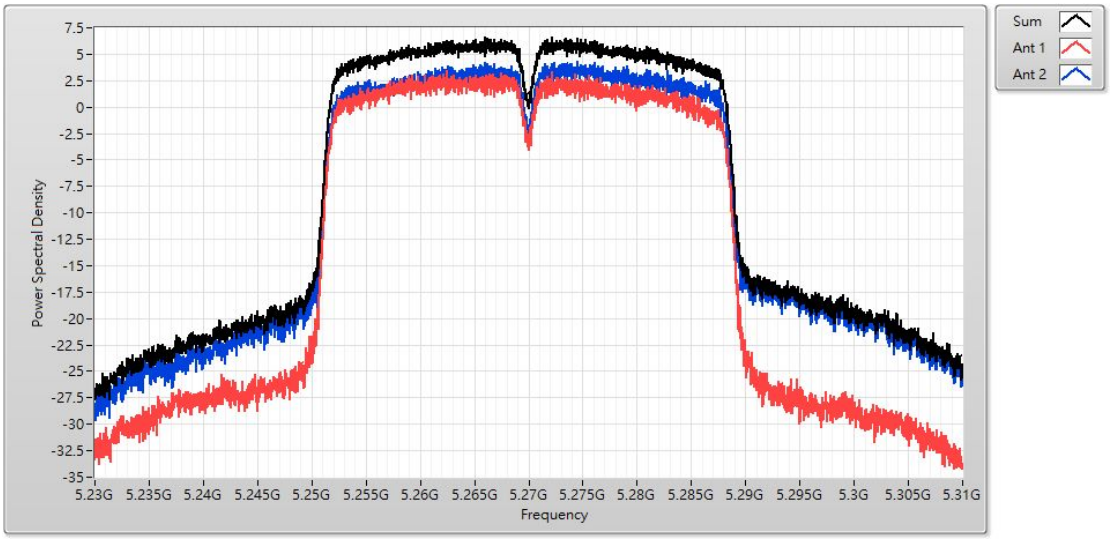
Channel 38 (5190MHz)



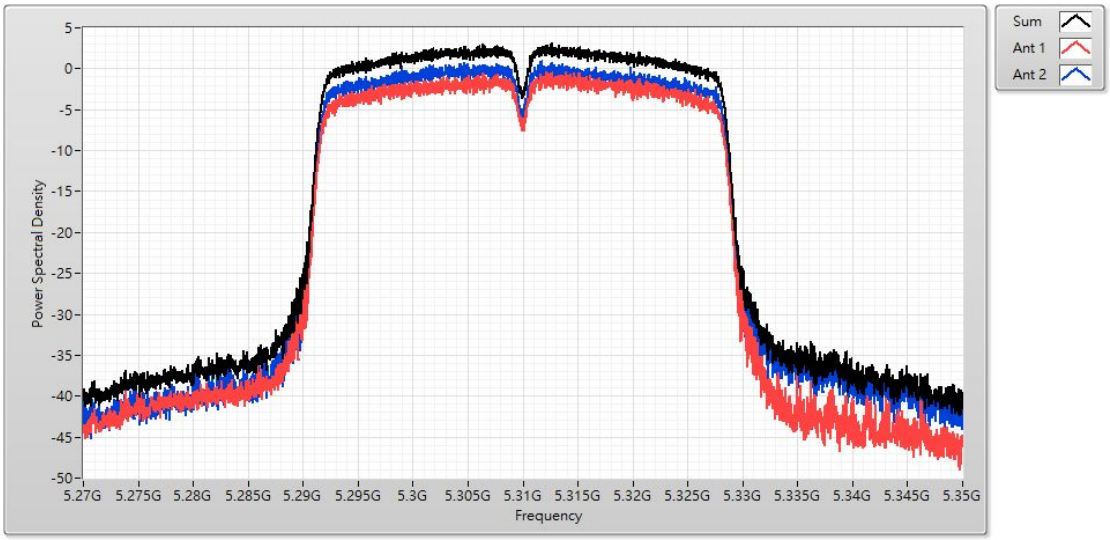

Channel 46 (5230MHz)



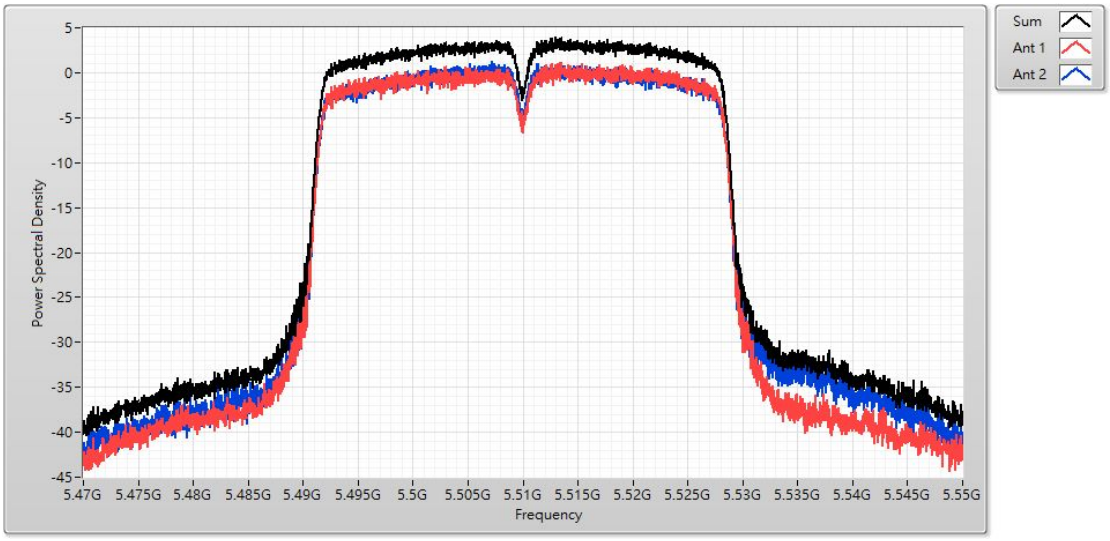
Channel 54 (5270MHz)



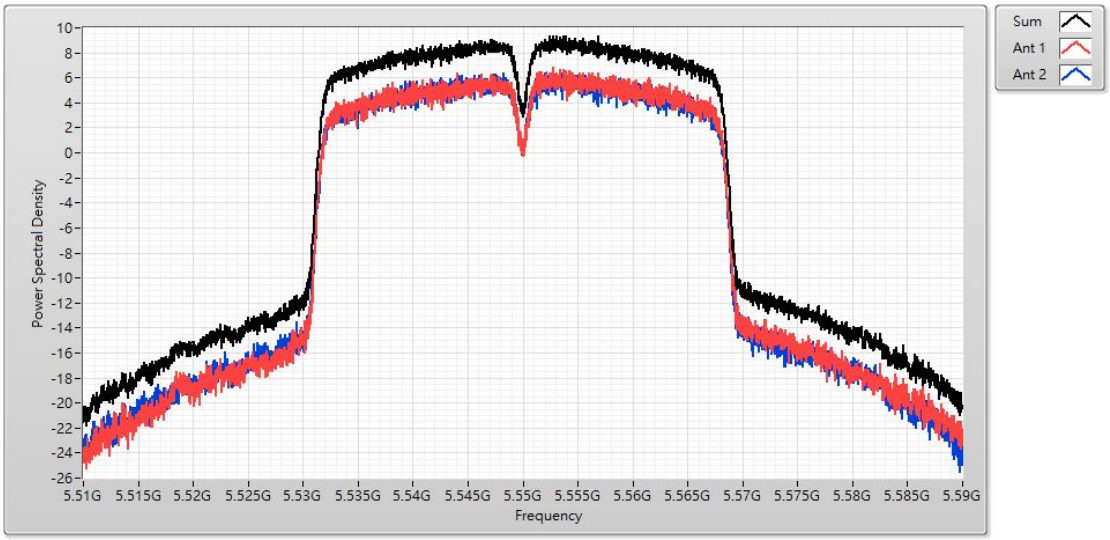

Channel 62 (5310MHz)



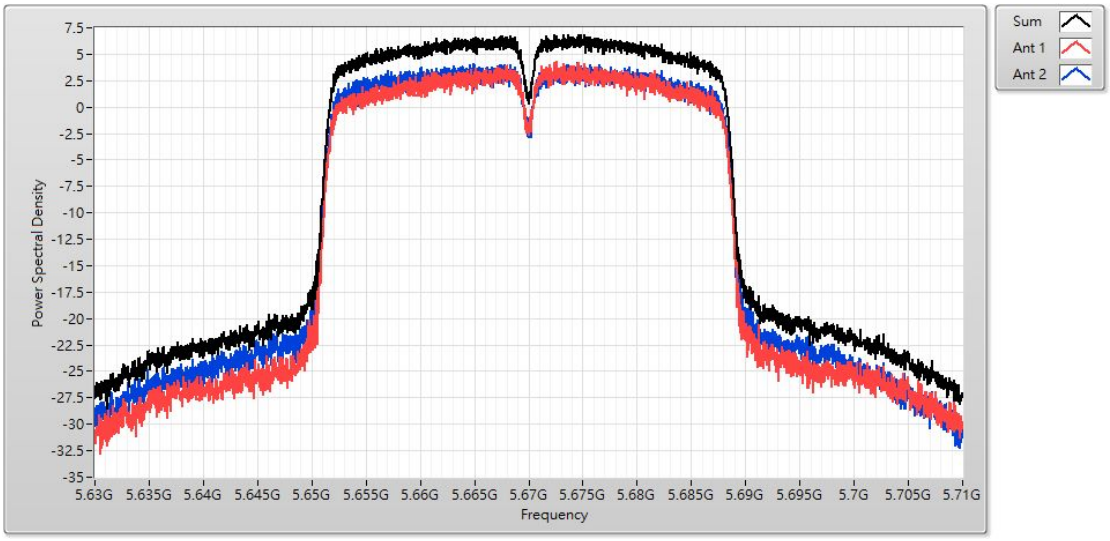
Channel 102 (5510MHz)



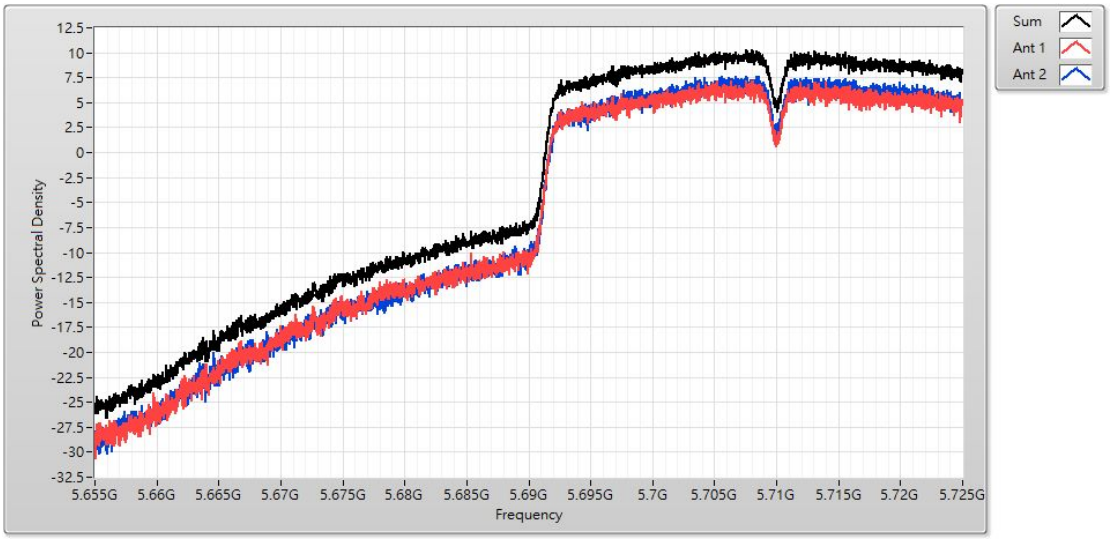

Channel 110 (5550MHz)



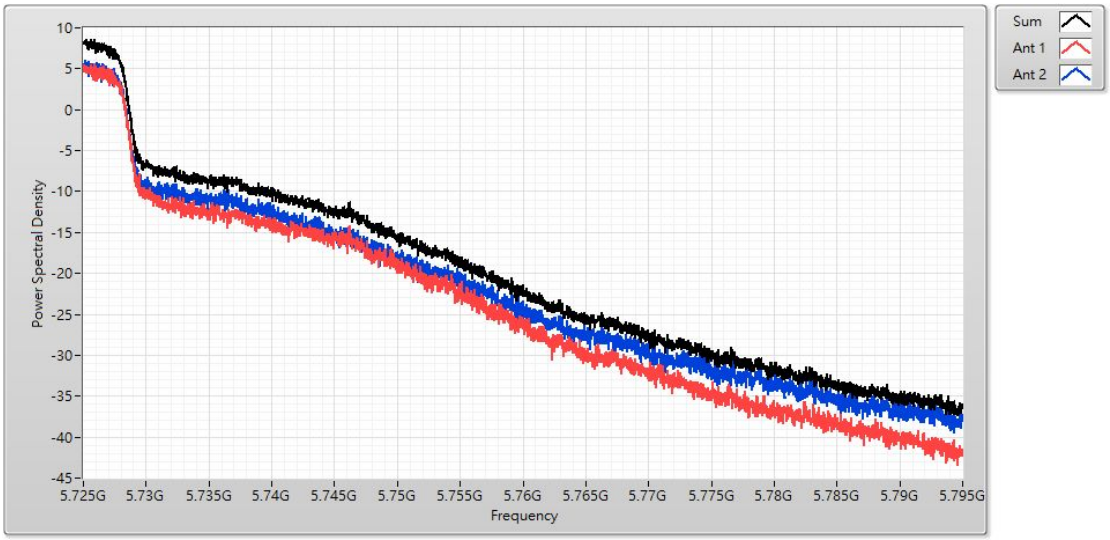
Channel 134 (5670MHz)



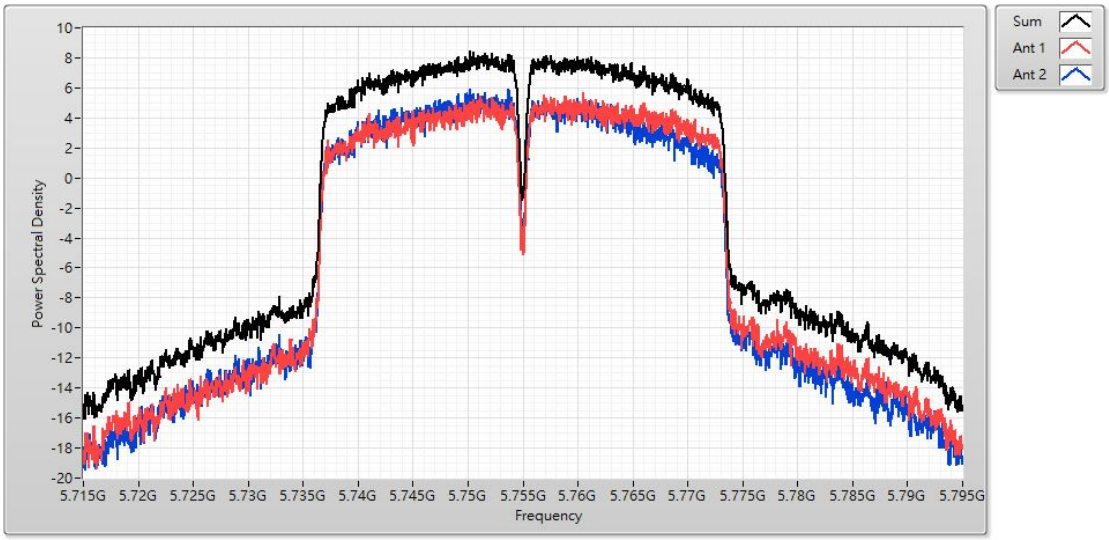
Channel 142_L (5710MHz)



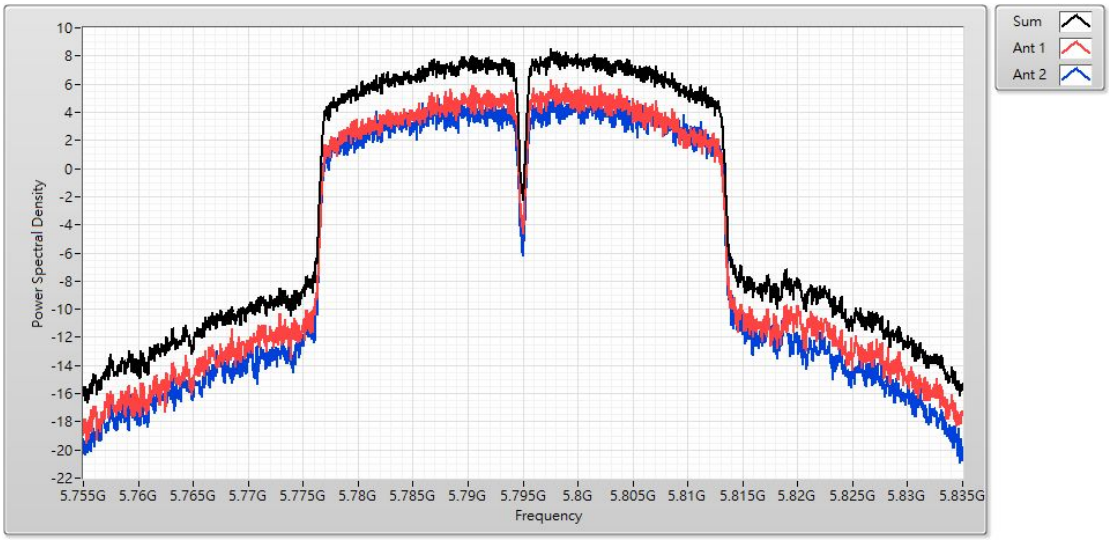

Channel 142_R (5710MHz)



Channel 151 (5755MHz)



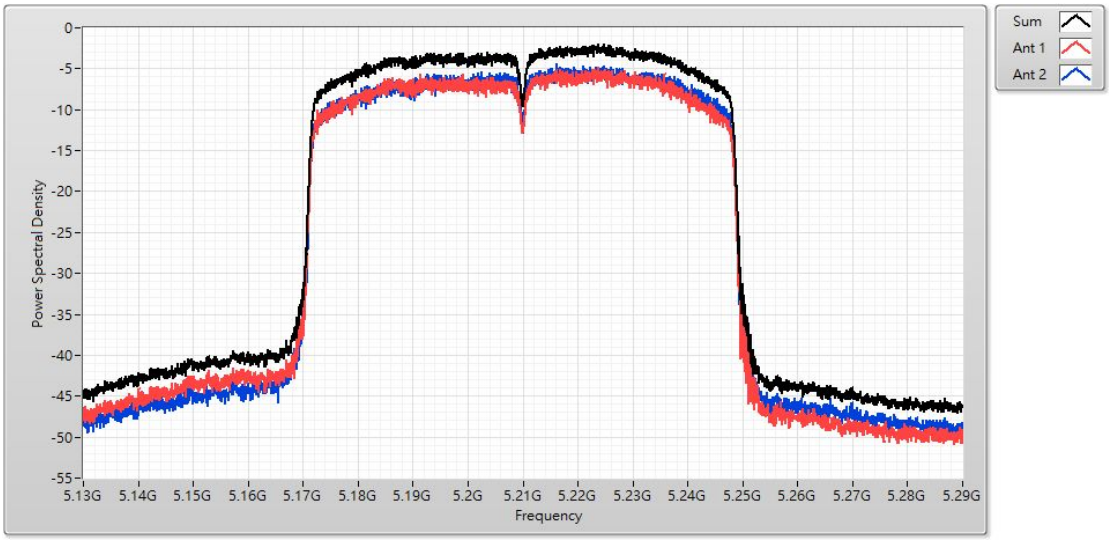

Channel 159 (5795MHz)



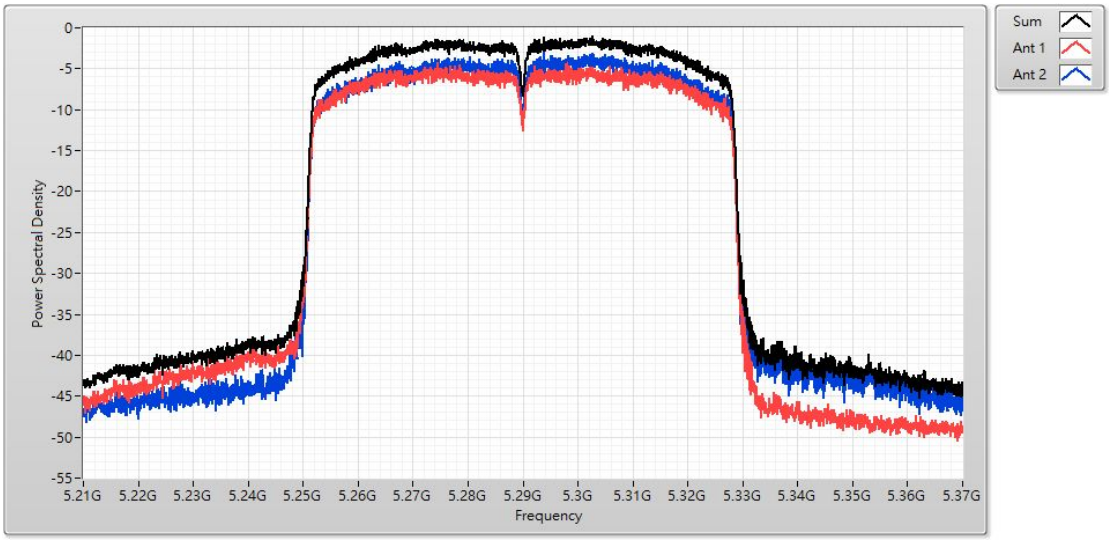
| Product | Smart Display | | |
|---|---|---|---|
| Test Item | Maximum power spectral density | | |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | | |
| Date of Test | 2021/05/19 | Test Site | SR12-H |
| Temperature (°C) | 24.0 | Humidity (%RH) | 68.0 |

| IEEE 802.11ac (80MHz) | | | | | |
|---|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | | | Limit (dBm) |
| | | Ant. 0 | Ant. 1 | Total | |
| 42 | 5210 | -4.810 | -4.390 | -1.930 | ≦11.000 |
| 58 | 5290 | -4.180 | -2.870 | -0.970 | ≦11.000 |
| 106 | 5530 | -3.450 | -3.510 | -1.020 | ≦11.000 |
| 122 | 5610 | 2.170 | 1.960 | 4.600 | ≦11.000 |
| 138_L | 5690 | 4.170 | 4.370 | 7.000 | ≦11.000 |
| 138_R | 5690 | -0.310 | 0.960 | 3.390 | ≦30.000 |
| 155 | 5775 | 0.820 | 0.550 | 3.140 | ≦30.000 |

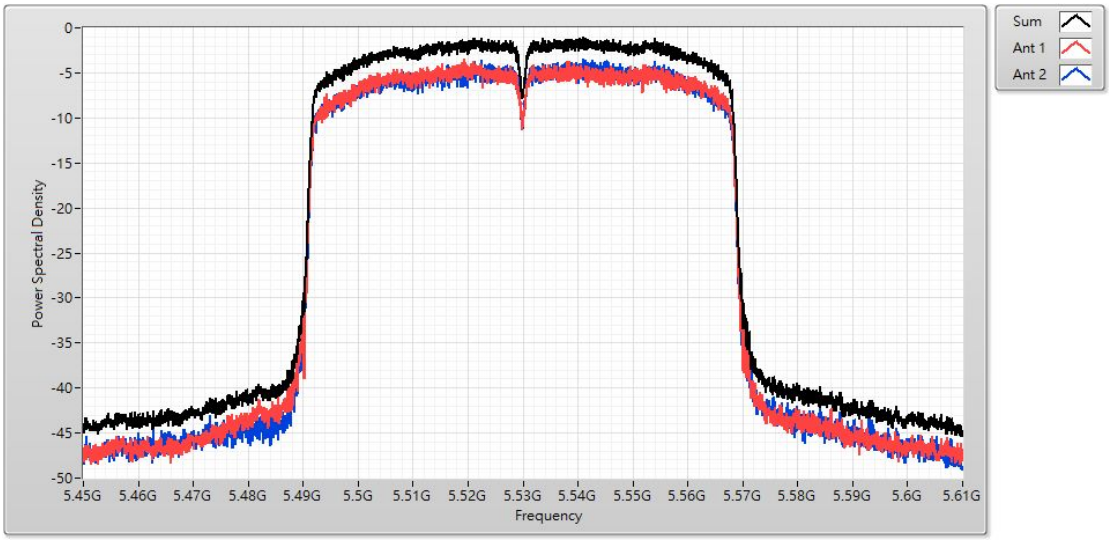
Channel 42 (5210MHz)



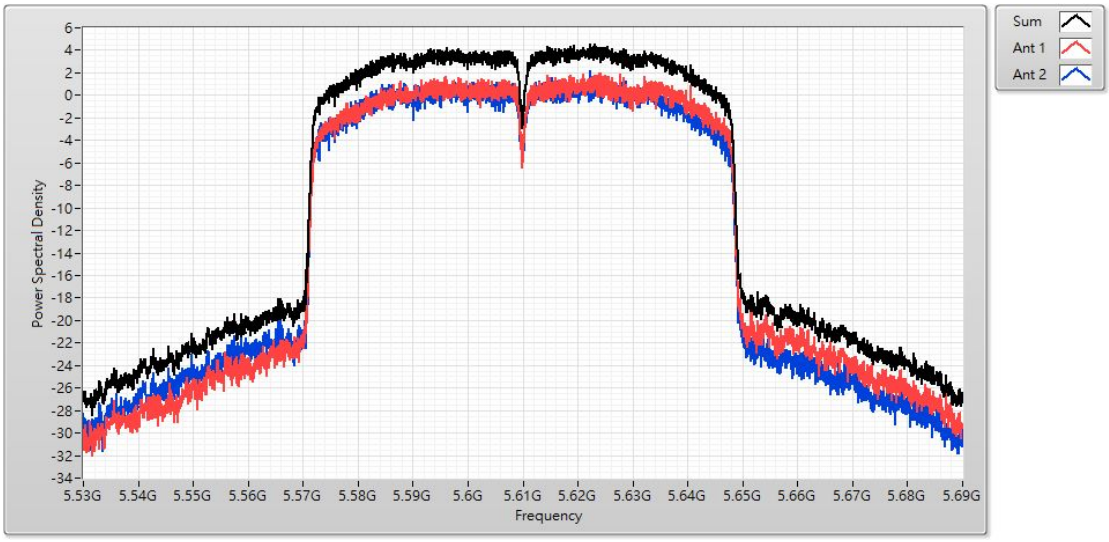

Channel 58 (5290MHz)



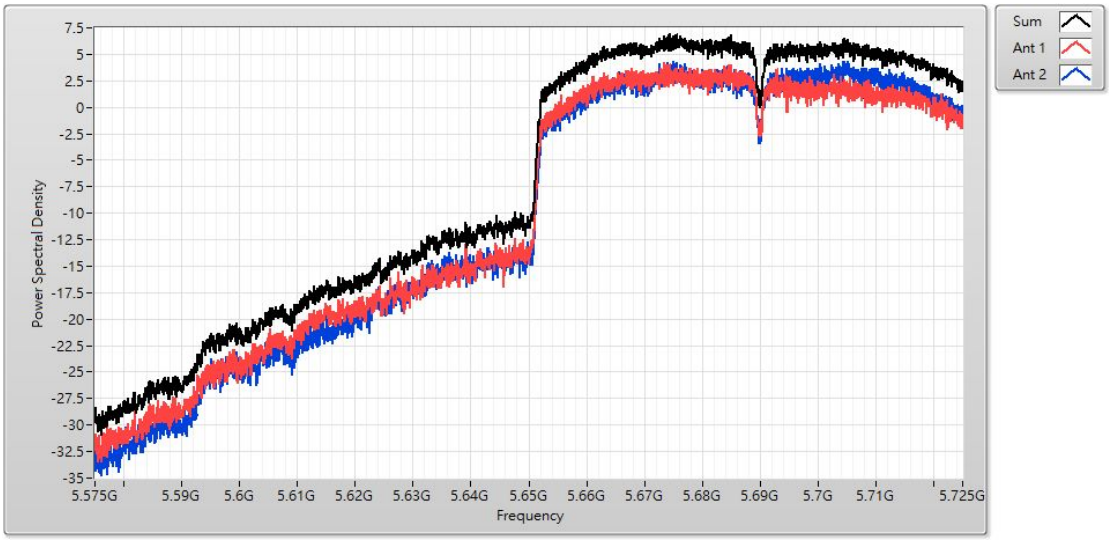
Channel 106 (5530MHz)



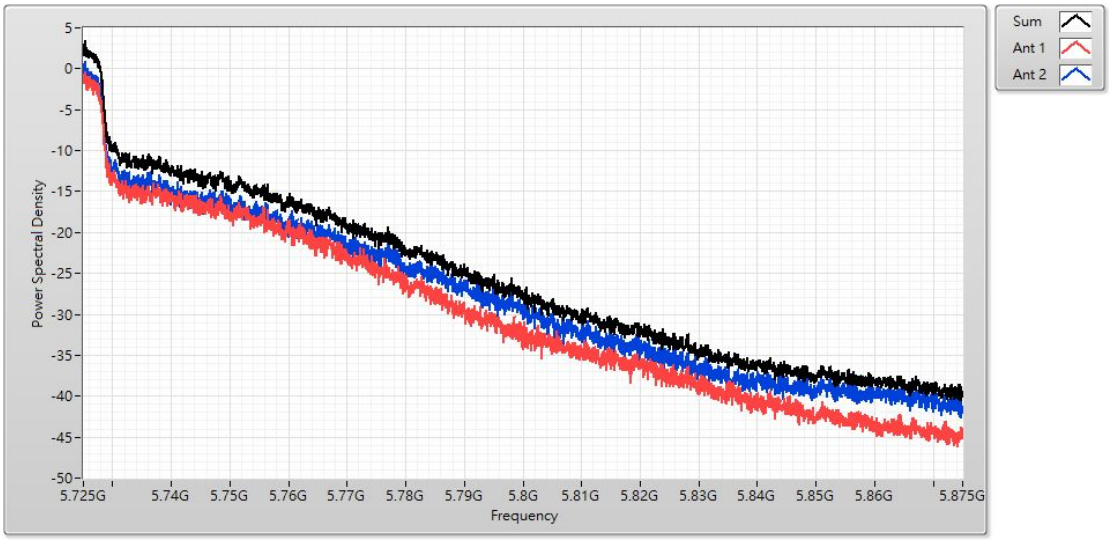

Channel 122 (5610MHz)



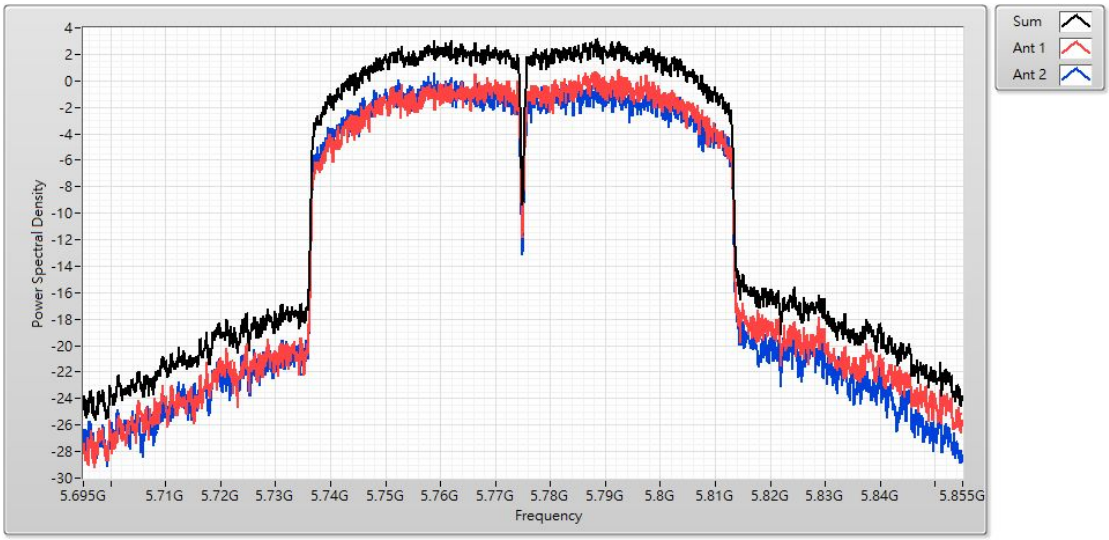
Channel 138_L (5690MHz)




Channel 138_R (5690MHz)



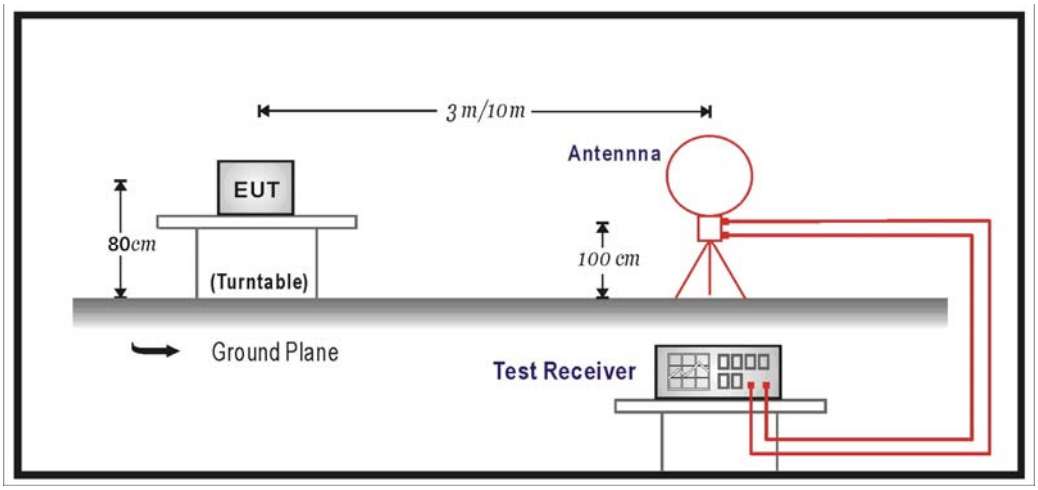
Channel 155 (5775MHz)



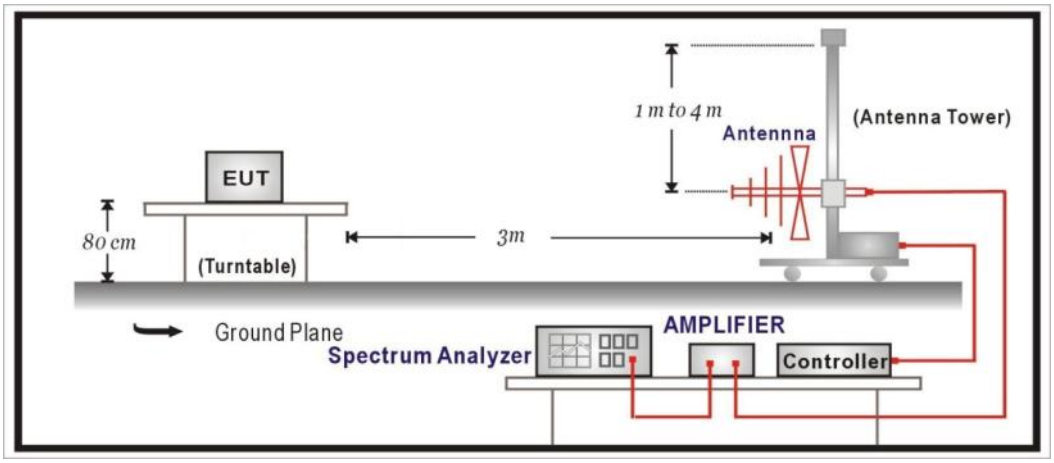
# 6. Radiated Emission

## 6.1. Test Setup

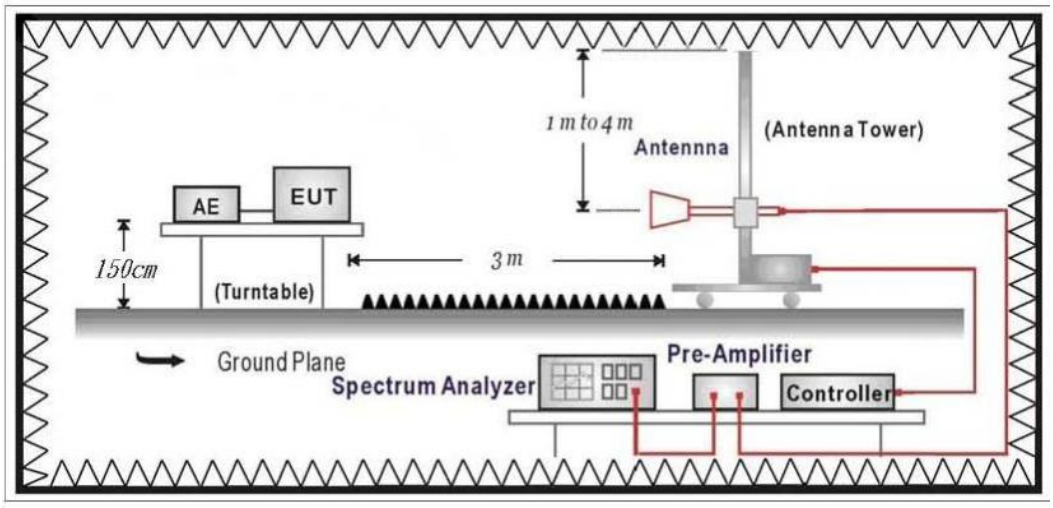
Under 30MHz Test Setup:




Under 1GHz Test Setup:




Above 1GHz Test Setup:



## 6.2. Limits

### ➢ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

| FCC Part 15 Subpart C Paragraph 15.209 Limits | | |
|---|---|---|
| Frequency MHz | uV/m @3m | dBuV/m@3m |
| 30 - 88 | 100 | 40 |
| 88 - 216 | 150 | 43.5 |
| 216 - 960 | 200 | 46 |
| Above 960 | 500 | 54 |

Remark:
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

### ➢ Unwanted Emission out of the restricted bands Limits

| FCC Part 15 Subpart C Paragraph 15.407(b) Limits | | |
|---|---|---|
| Frequency (MHz) | EIRP Limit (dBm) | Equivalent Field Strength (dBuV/m@3m) |
| 5150 - 5250 | -27 | 68.3 |
| 5250 - 5350 | -27 | 68.3 |
| 5470 - 5725 | -27 | 68.3 |
| 5725 - 5850 | -27 (Note1) | 68.3 |
| | -17 (Note2) | 78.3 |

Remark:
1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. uV/m = $\frac{1000000\sqrt{30\times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

## 6.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field dtrength of harmonics measurement.

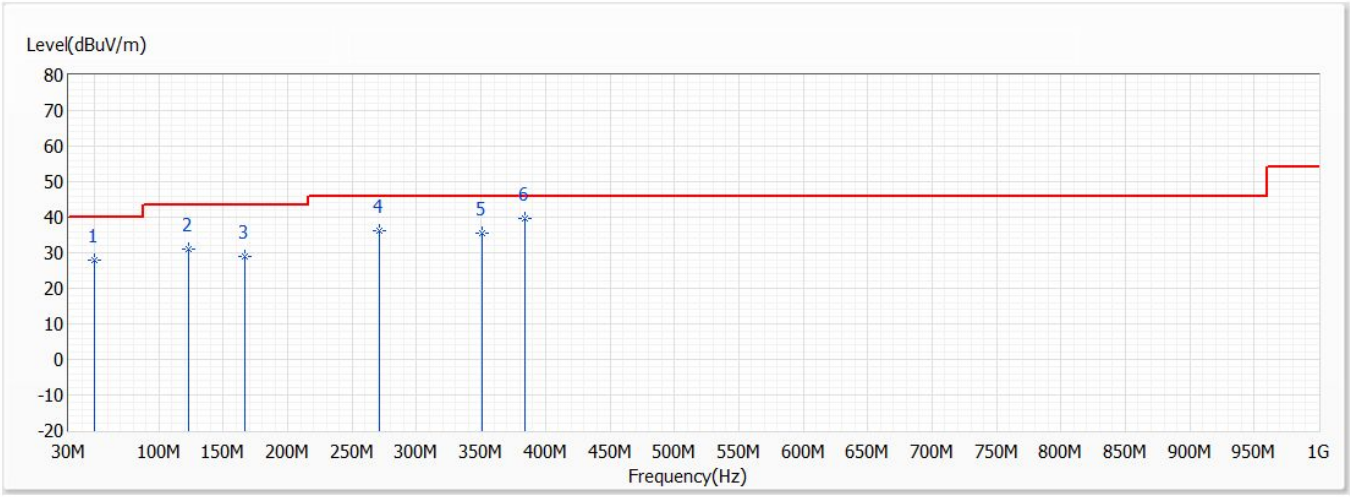
The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

The frequency range from  30MHz to 10th harminics  is checked.

## 6.4. Test Result

### 30MHz-1GHz Spurious

| | | | |
|---|---|---|---|
| Model No | LVD1 | Site | CB2-H |
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/24 |
| Test Mode | Mode 1: Transmit_ Adapter_ADP-36DW B | Engineer | Scott Chang |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,120/117,Ch 151,5.755G,BW40M | Humidity (%RH) | 66.0 |




| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| 1 | 50.370 | 27.89 | 40.00 | -12.11 | 33.62 | -5.73 | QP |
| 2 | 122.635 | 30.91 | 43.50 | -12.59 | 33.36 | -2.45 | QP |
| 3 | 166.285 | 28.80 | 43.50 | -14.70 | 33.37 | -4.57 | QP |
| 4 | 271.530 | 36.05 | 46.00 | -9.95 | 37.74 | -1.69 | QP |
| 5 | 351.070 | 35.52 | 46.00 | -10.48 | 35.08 | 0.44 | QP |
| * 6 | 384.050 | 39.74 | 46.00 | -6.26 | 38.23 | 1.51 | QP |

Note:

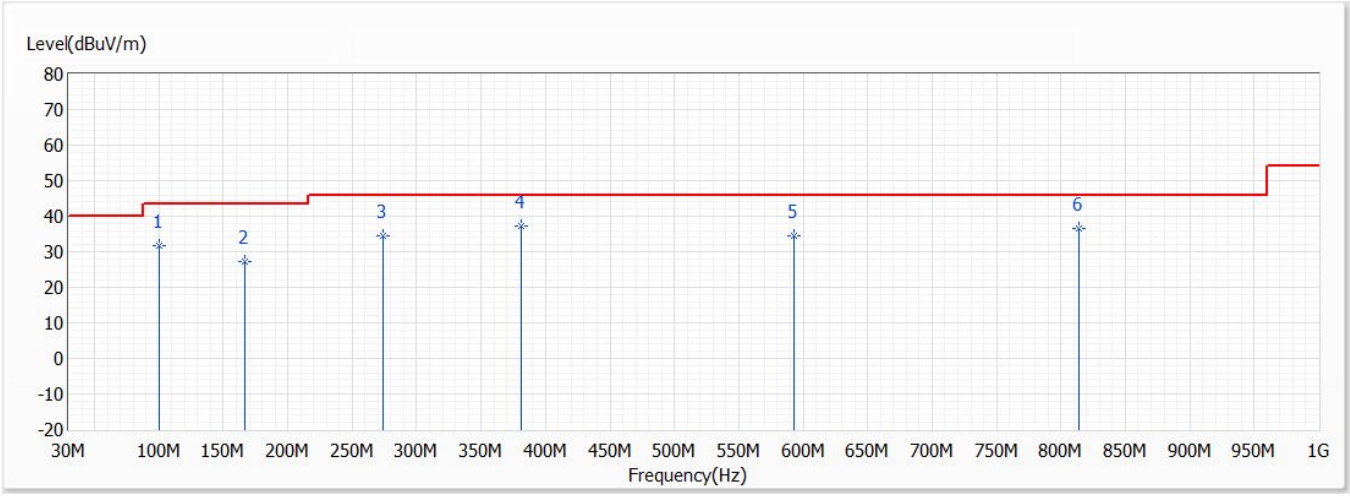
1. All reading levels is Quasi-Peak value.

2. “ * ”, means this data is the worst value.

3. Emission Level = Reading Level + Correct Factor

4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/24 |
| Test Mode | Mode 1: Transmit_ Adapter_ADP-36DW B | Engineer | Scott Chang |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,120/117,Ch 151,5.755G,BW40M | Humidity (%RH) | 66.0 |

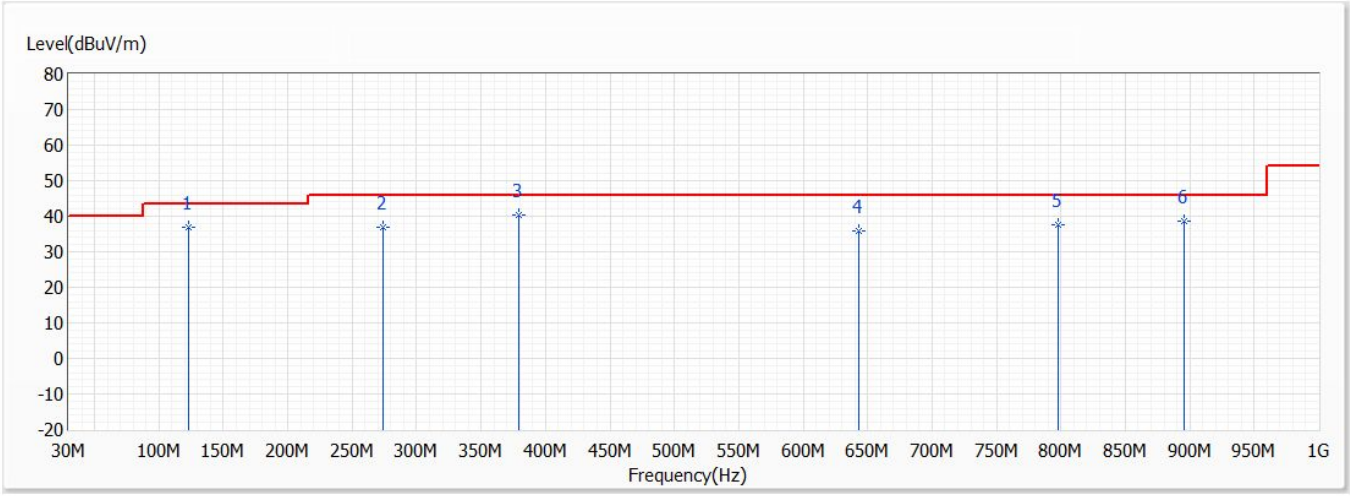



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| 1 | 99.840 | 31.68 | 43.50 | -11.82 | 36.19 | -4.51 | QP |
| 2 | 166.285 | 27.36 | 43.50 | -16.14 | 31.93 | -4.57 | QP |
| 3 | 273.470 | 34.64 | 46.00 | -11.36 | 36.29 | -1.65 | QP |
| * 4 | 381.140 | 37.37 | 46.00 | -8.63 | 35.95 | 1.42 | QP |
| 5 | 592.600 | 34.34 | 46.00 | -11.66 | 29.37 | 4.97 | QP |
| 6 | 813.760 | 36.39 | 46.00 | -9.61 | 28.88 | 7.51 | QP |

Note:

1. All reading levels is Quasi-Peak value.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/24 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Scott Chang |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,120/117,Ch 151,5.755G,BW40M | Humidity (%RH) | 66.0 |

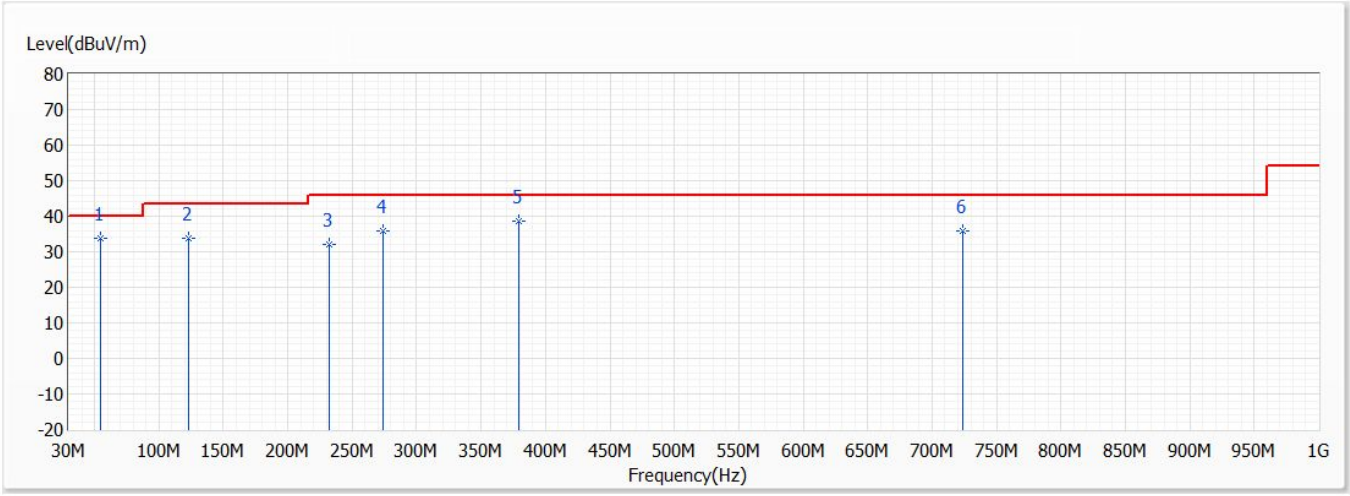



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| 1 | 122.635 | 37.00 | 43.50 | -6.50 | 39.45 | -2.45 | QP |
| 2 | 273.955 | 37.06 | 46.00 | -8.94 | 38.70 | -1.64 | QP |
| * 3 | 379.200 | 40.42 | 46.00 | -5.58 | 39.06 | 1.36 | QP |
| 4 | 643.525 | 36.01 | 46.00 | -9.99 | 30.48 | 5.53 | QP |
| 5 | 798.240 | 37.47 | 46.00 | -8.53 | 30.14 | 7.33 | QP |
| 6 | 895.725 | 38.72 | 46.00 | -7.28 | 30.19 | 8.53 | QP |

Note:

1. All reading levels is Quasi-Peak value.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/24 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Scott Chang |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,120/117,Ch 151,5.755G,BW40M | Humidity (%RH) | 66.0 |



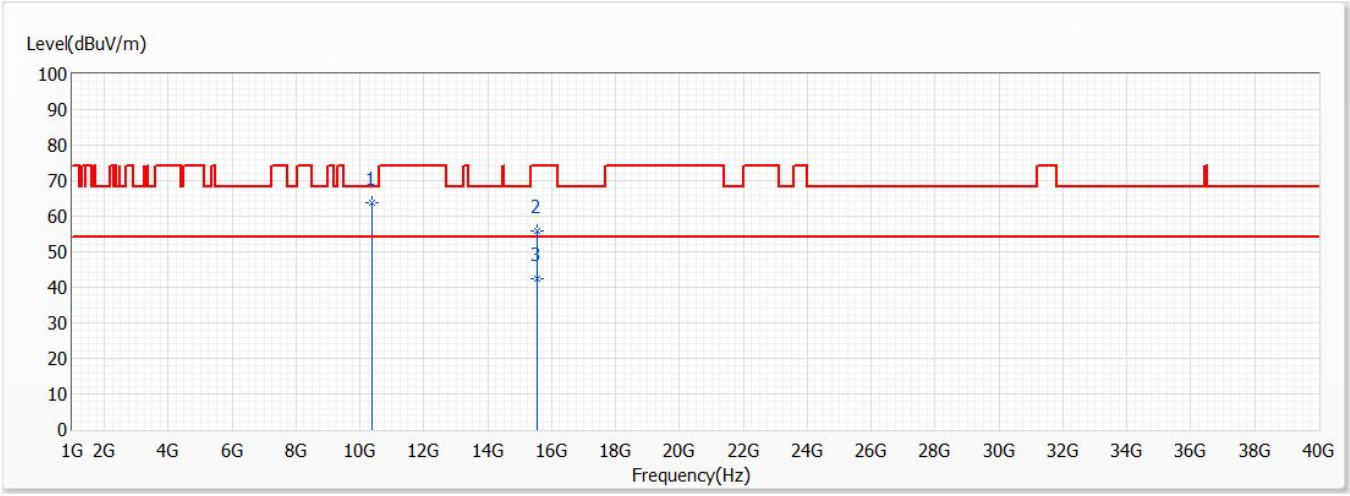

| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 54.735 | 33.74 | 40.00 | -6.26 | 40.86 | -7.12 | QP |
| 2 | 122.635 | 33.78 | 43.50 | -9.72 | 36.23 | -2.45 | QP |
| 3 | 231.760 | 32.03 | 46.00 | -13.97 | 35.09 | -3.06 | QP |
| 4 | 273.470 | 35.96 | 46.00 | -10.04 | 37.61 | -1.65 | QP |
| 5 | 379.200 | 38.45 | 46.00 | -7.55 | 37.09 | 1.36 | QP |
| 6 | 724.035 | 35.77 | 46.00 | -10.23 | 29.38 | 6.39 | QP |

Note:

1. All reading levels is Quasi-Peak value.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

**Harmonic & Spurious:**

| | | | |
|---|---|---|---|
| Model No | LVD1 | Site | CB2-H |
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/11 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | 802.11a,Ant1,Ch 36,5.18G,BW20M | Humidity (%RH) | 63.0 |

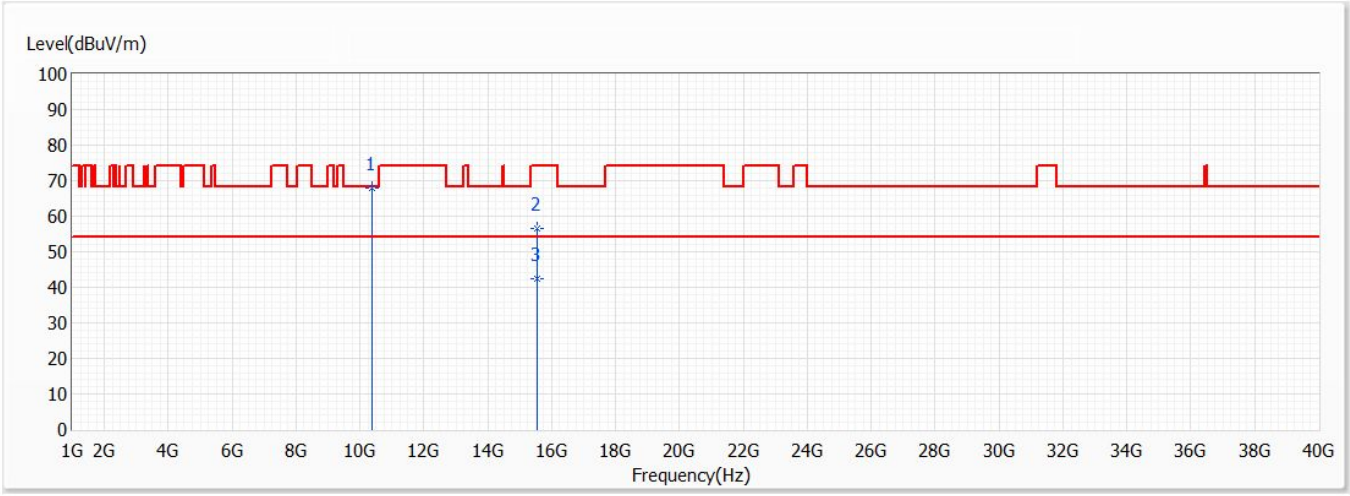



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10360.000 | 63.85 | 68.20 | -4.35 | 63.51 | 0.34 | PK |
| 2 | 15540.000 | 55.70 | 74.00 | -18.30 | 51.43 | 4.27 | PK |
| 3 | 15540.000 | 42.26 | 54.00 | -11.74 | 37.99 | 4.27 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| | | | |
|---|---|---|---|
| Model No | LVD1 | Site | CB2-H |
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/11 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | 802.11a,Ant1,Ch 36,5.18G,BW20M | Humidity (%RH) | 63.0 |

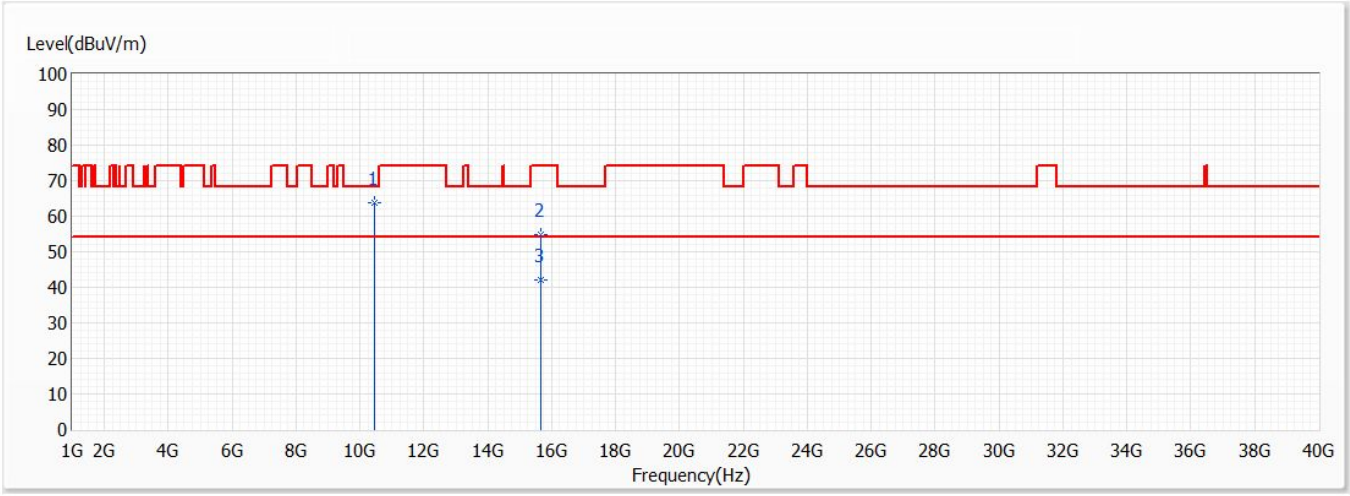



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10360.000 | 67.79 | 68.20 | -0.41 | 67.45 | 0.34 | PK |
| 2 | 15540.000 | 56.39 | 74.00 | -17.61 | 52.12 | 4.27 | PK |
| 3 | 15540.000 | 42.26 | 54.00 | -11.74 | 37.99 | 4.27 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/11 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | 802.11a,Ant1,Ch 44,5.22G,BW20M | Humidity (%RH) | 63.0 |

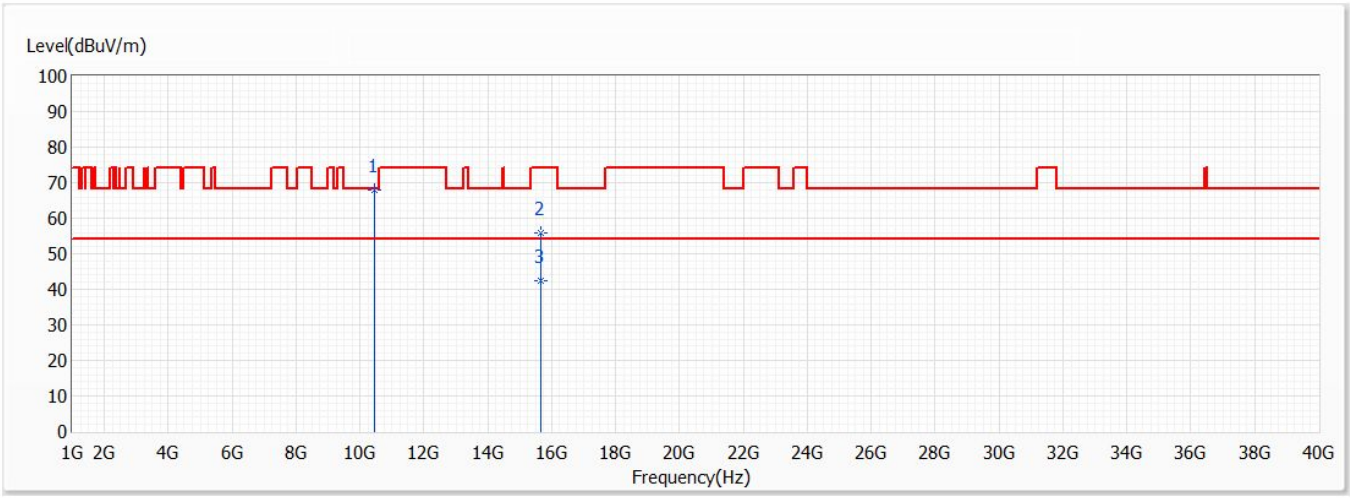



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10440.000 | 63.67 | 68.20 | -4.53 | 62.98 | 0.69 | PK |
| 2 | 15660.000 | 54.92 | 74.00 | -19.08 | 50.97 | 3.95 | PK |
| 3 | 15660.000 | 42.15 | 54.00 | -11.85 | 38.20 | 3.95 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/11 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | 802.11a,Ant1,Ch 44,5.22G,BW20M | Humidity (%RH) | 63.0 |

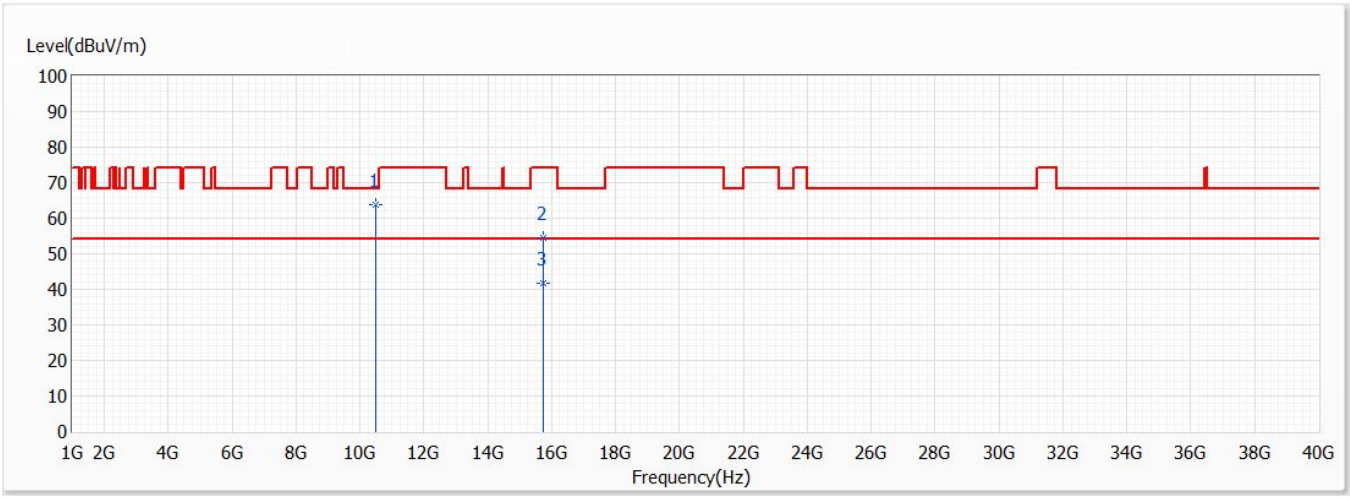



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10440.000 | 67.89 | 68.20 | -0.31 | 67.20 | 0.69 | PK |
| 2 | 15660.000 | 55.74 | 74.00 | -18.26 | 51.79 | 3.95 | PK |
| 3 | 15660.000 | 42.41 | 54.00 | -11.59 | 38.46 | 3.95 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | 802.11a,Ant1,Ch 48,5.24G,BW20M | Humidity (%RH) | 63.0 |

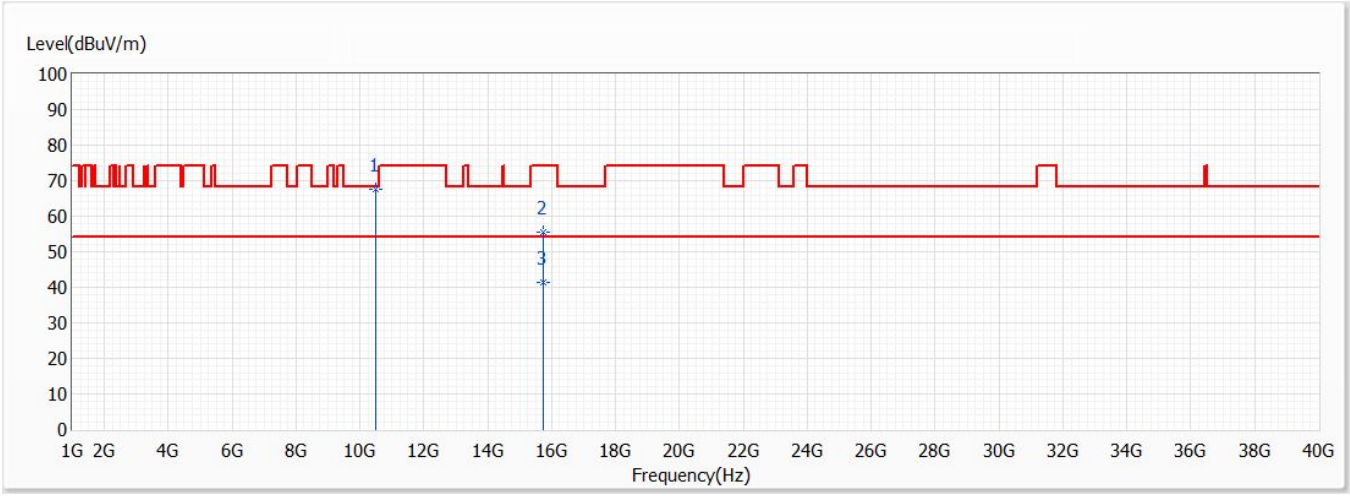



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10480.000 | 63.79 | 68.20 | -4.41 | 62.93 | 0.86 | PK |
| 2 | 15720.000 | 54.61 | 74.00 | -19.39 | 50.81 | 3.80 | PK |
| 3 | 15720.000 | 41.59 | 54.00 | -12.41 | 37.79 | 3.80 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | 802.11a,Ant1,Ch 48,5.24G,BW20M | Humidity (%RH) | 63.0 |

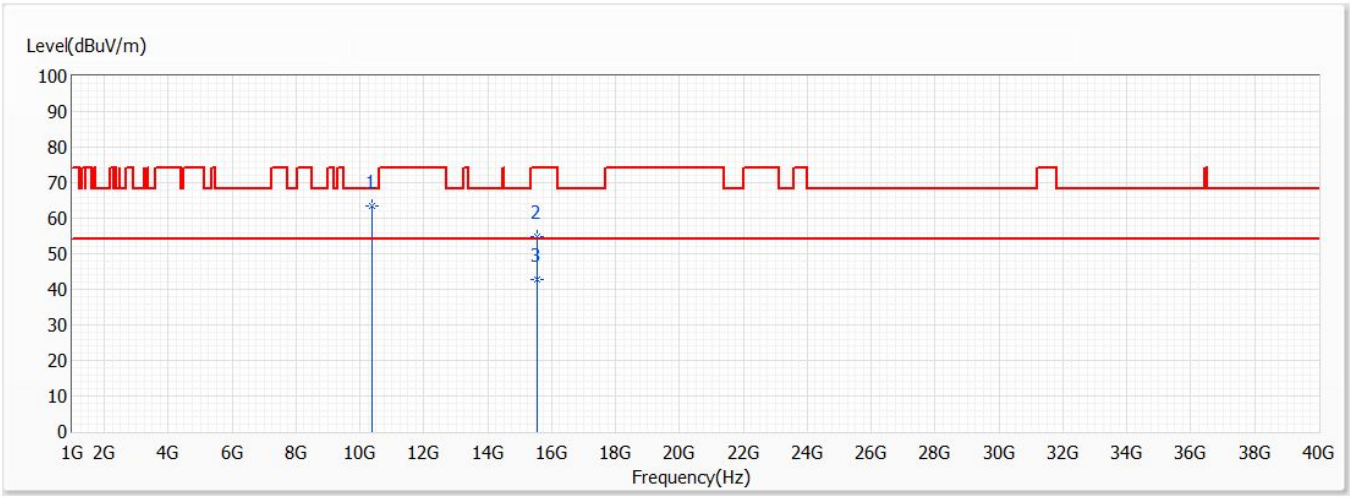



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10480.000 | 67.48 | 68.20 | -0.72 | 66.62 | 0.86 | PK |
| 2 | 15720.000 | 55.52 | 74.00 | -18.48 | 51.72 | 3.80 | PK |
| 3 | 15720.000 | 41.36 | 54.00 | -12.64 | 37.56 | 3.80 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,87/87,Ch 36,5.18G,BW20M | Humidity (%RH) | 63.0 |

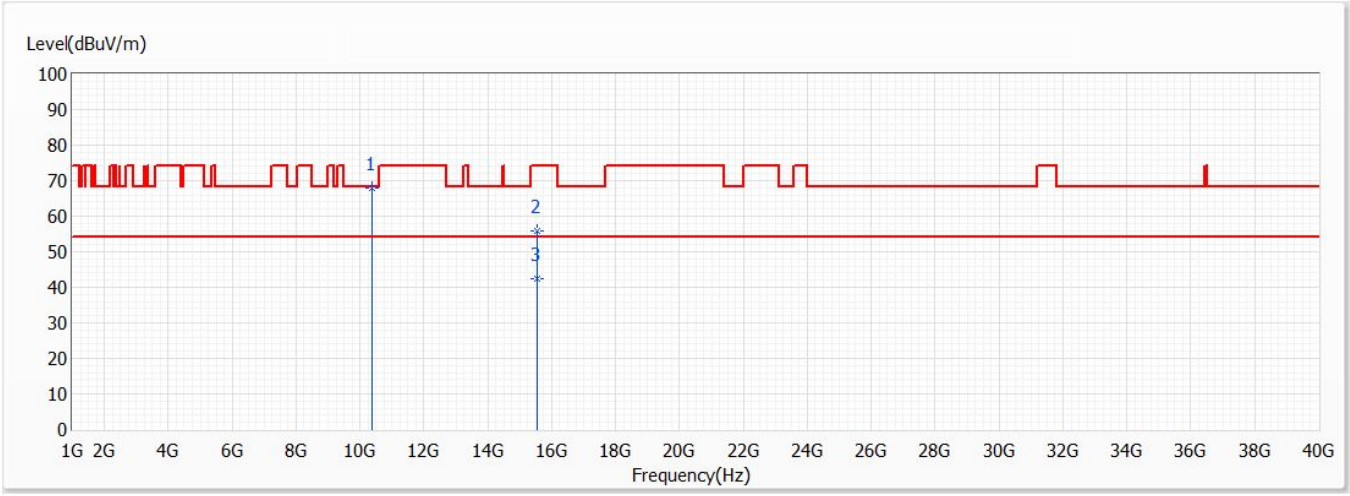



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10360.000 | 63.55 | 68.20 | -4.65 | 63.21 | 0.34 | PK |
| 2 | 15540.000 | 54.93 | 74.00 | -19.07 | 50.66 | 4.27 | PK |
| 3 | 15540.000 | 42.64 | 54.00 | -11.36 | 38.37 | 4.27 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| | | | |
|---|---|---|---|
| Model No | LVD1 | Site | CB2-H |
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,87/87,Ch 36,5.18G,BW20M | Humidity (%RH) | 63.0 |

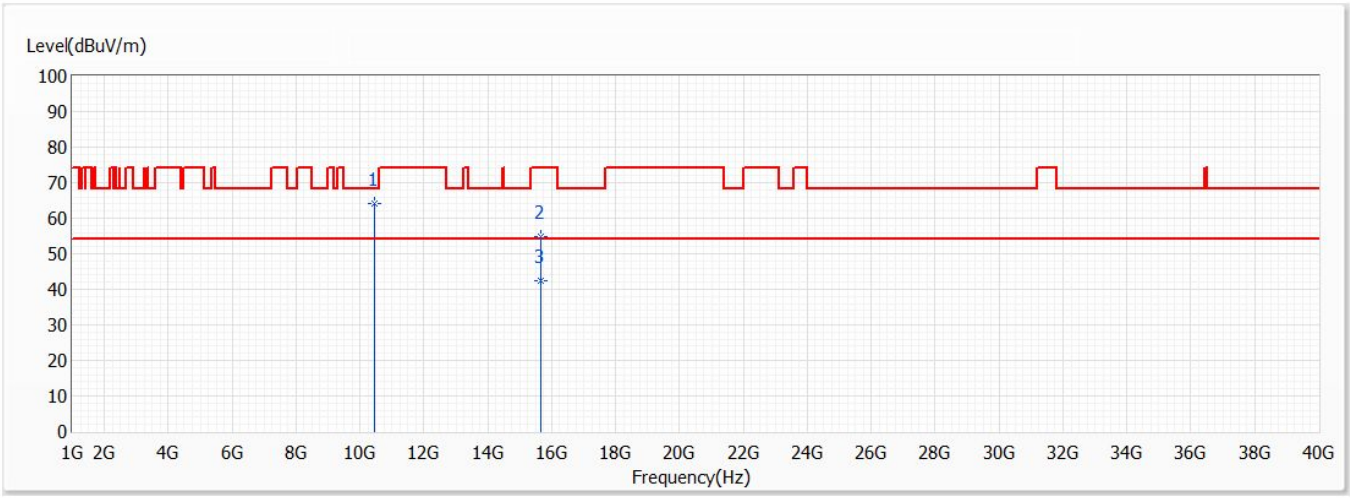



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10360.000 | 67.96 | 68.20 | -0.24 | 67.62 | 0.34 | PK |
| 2 | 15540.000 | 55.88 | 74.00 | -18.12 | 51.61 | 4.27 | PK |
| 3 | 15540.000 | 42.39 | 54.00 | -11.61 | 38.12 | 4.27 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 44,5.22G,BW20M | Humidity (%RH) | 63.0 |

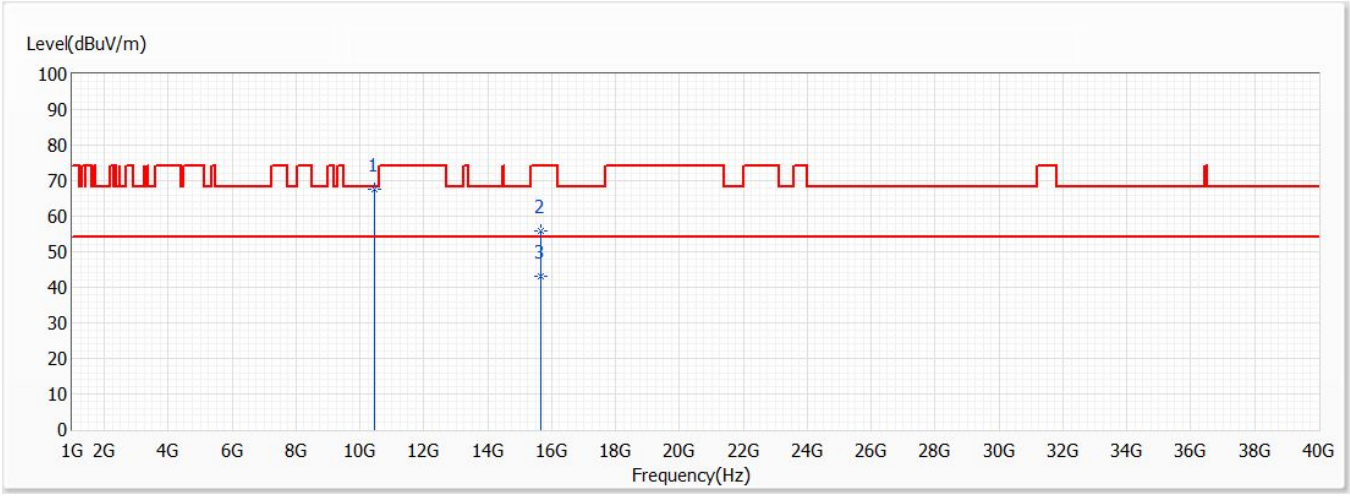



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10440.000 | 64.26 | 68.20 | -3.94 | 63.57 | 0.69 | PK |
| 2 | 15660.000 | 54.66 | 74.00 | -19.34 | 50.71 | 3.95 | PK |
| 3 | 15660.000 | 42.42 | 54.00 | -11.58 | 38.47 | 3.95 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 44,5.22G,BW20M | Humidity (%RH) | 63.0 |

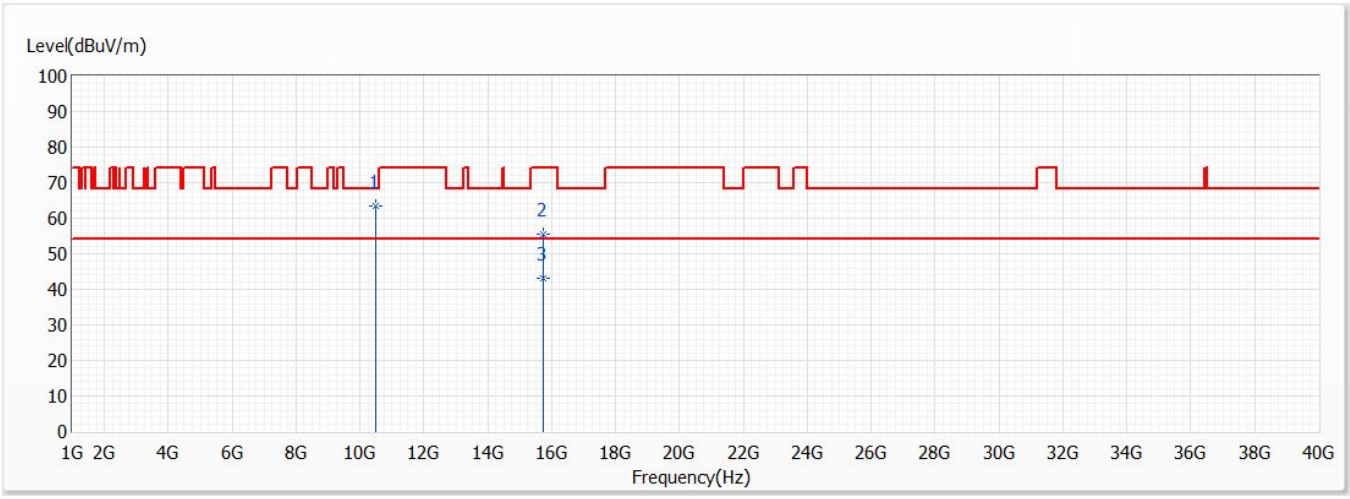



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10440.000 | 67.66 | 68.20 | -0.54 | 66.97 | 0.69 | PK |
| 2 | 15660.000 | 55.82 | 74.00 | -18.18 | 51.87 | 3.95 | PK |
| 3 | 15660.000 | 43.18 | 54.00 | -10.82 | 39.23 | 3.95 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 48,5.24G,BW20M | Humidity (%RH) | 63.0 |

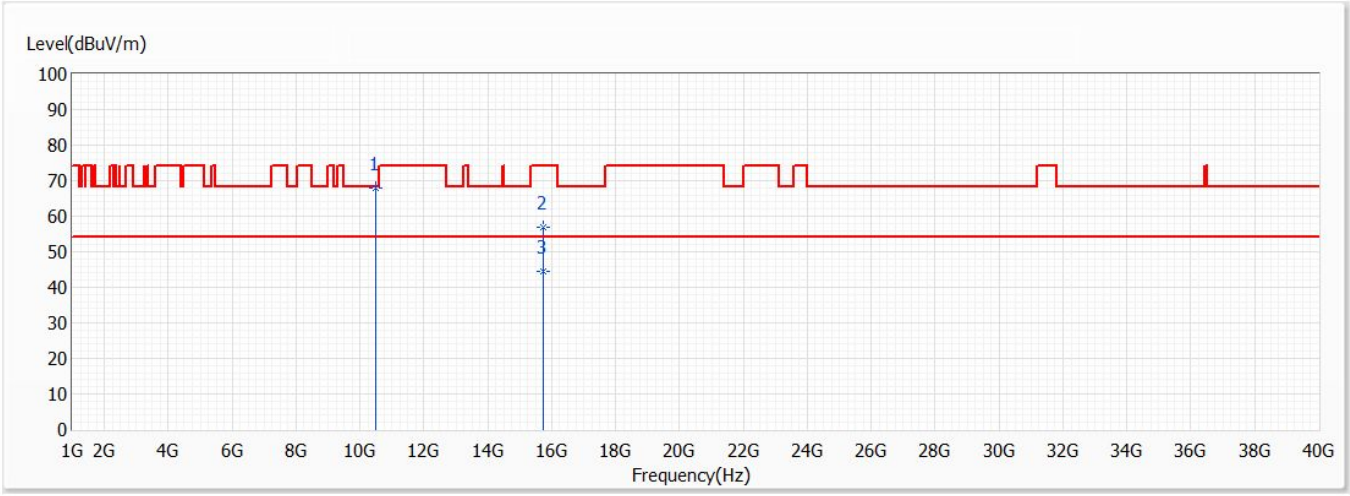



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10480.000 | 63.46 | 68.20 | -4.74 | 62.60 | 0.86 | PK |
| 2 | 15720.000 | 55.64 | 74.00 | -18.36 | 51.84 | 3.80 | PK |
| 3 | 15720.000 | 43.11 | 54.00 | -10.89 | 39.31 | 3.80 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 48,5.24G,BW20M | Humidity (%RH) | 63.0 |

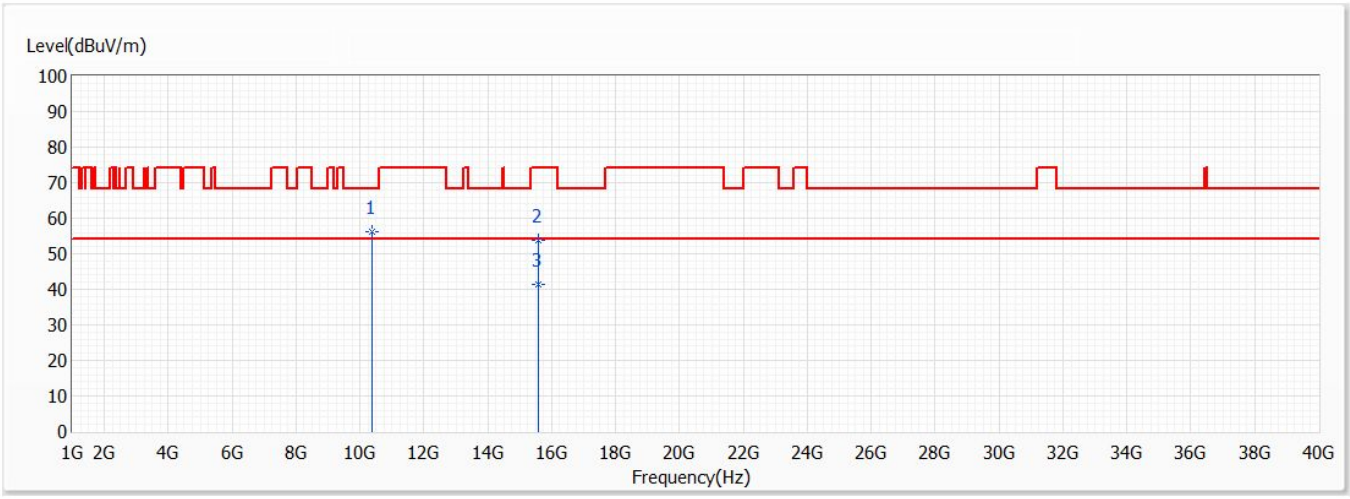



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10480.000 | 67.90 | 68.20 | -0.30 | 67.04 | 0.86 | PK |
| 2 | 15720.000 | 56.78 | 74.00 | -17.22 | 52.98 | 3.80 | PK |
| 3 | 15720.000 | 44.65 | 54.00 | -9.35 | 40.85 | 3.80 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| | | | |
|---|---|---|---|
| Model No | LVD1 | Site | CB2-H |
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 38,5.19G,BW40M | Humidity (%RH) | 63.0 |

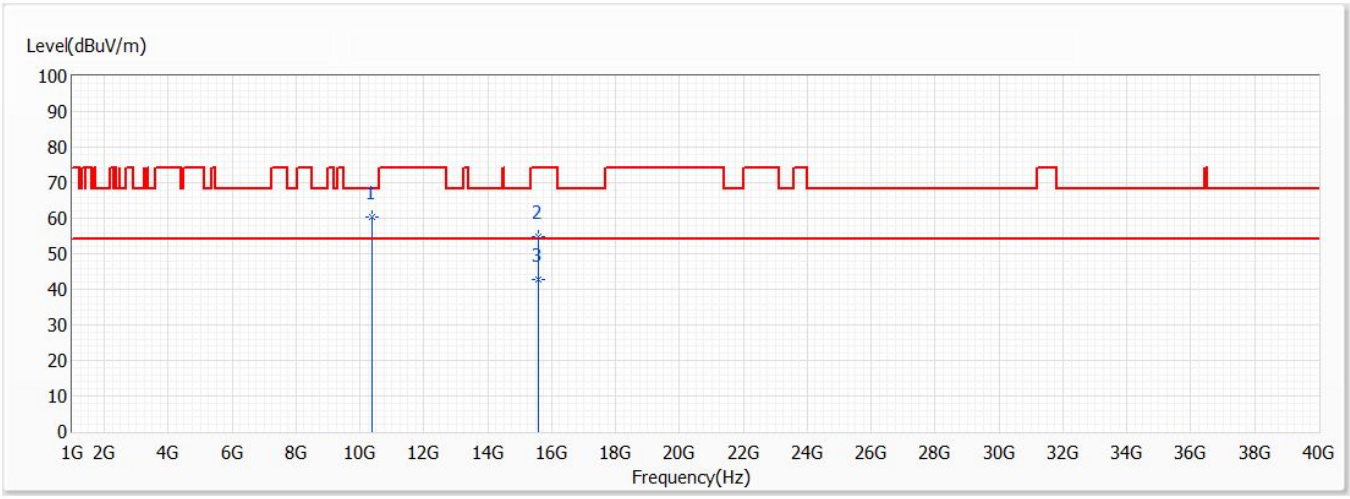



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10380.000 | 56.22 | 68.20 | -11.98 | 55.78 | 0.44 | PK |
| 2 | 15570.000 | 53.67 | 74.00 | -20.33 | 49.48 | 4.19 | PK |
| 3 | 15570.000 | 41.21 | 54.00 | -12.79 | 37.02 | 4.19 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| | | | |
|---|---|---|---|
| Model No | LVD1 | Site | CB2-H |
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 38,5.19G,BW40M | Humidity (%RH) | 63.0 |

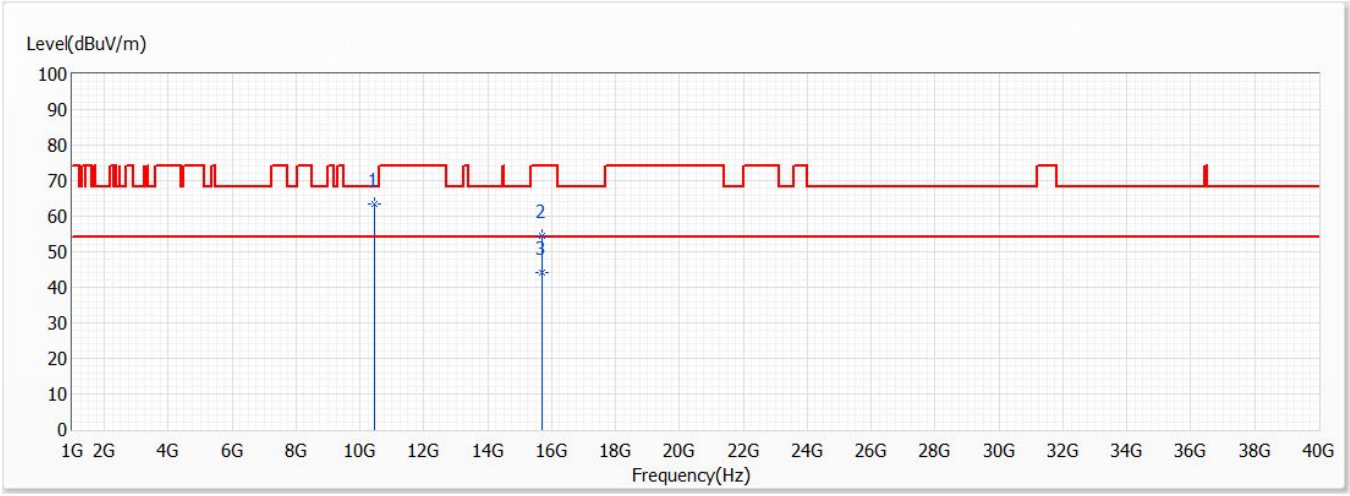



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10380.000 | 60.43 | 68.20 | -7.77 | 59.99 | 0.44 | PK |
| 2 | 15570.000 | 54.93 | 74.00 | -19.07 | 50.74 | 4.19 | PK |
| 3 | 15570.000 | 42.72 | 54.00 | -11.28 | 38.53 | 4.19 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 46,5.23G,BW40M | Humidity (%RH) | 63.0 |

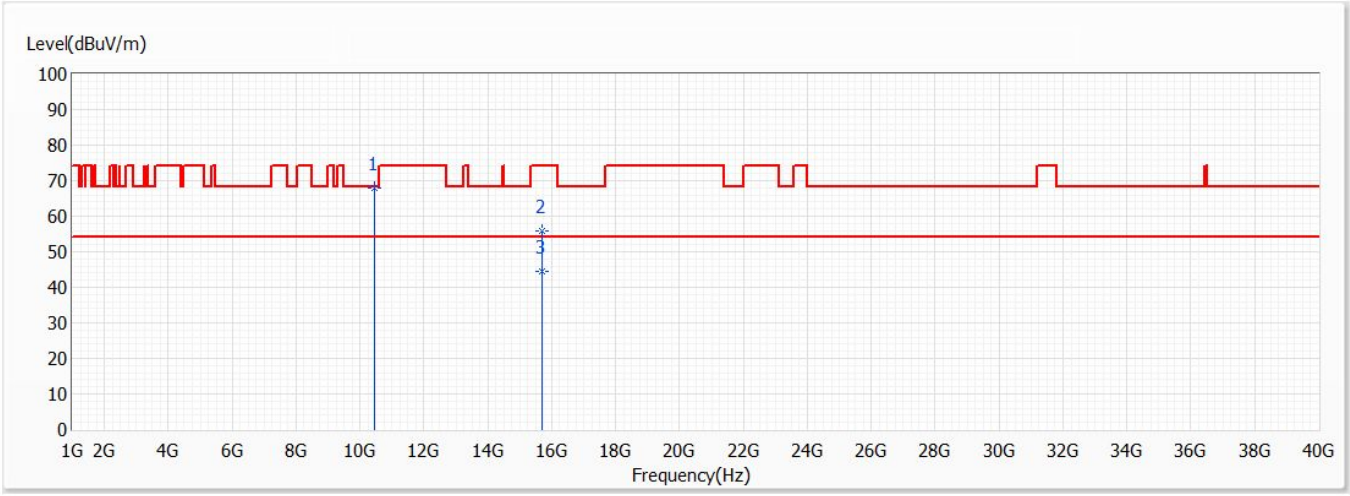



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10460.000 | 63.55 | 68.20 | -4.65 | 62.79 | 0.76 | PK |
| 2 | 15690.000 | 54.65 | 74.00 | -19.35 | 50.77 | 3.88 | PK |
| 3 | 15690.000 | 44.16 | 54.00 | -9.84 | 40.28 | 3.88 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 46,5.23G,BW40M | Humidity (%RH) | 63.0 |

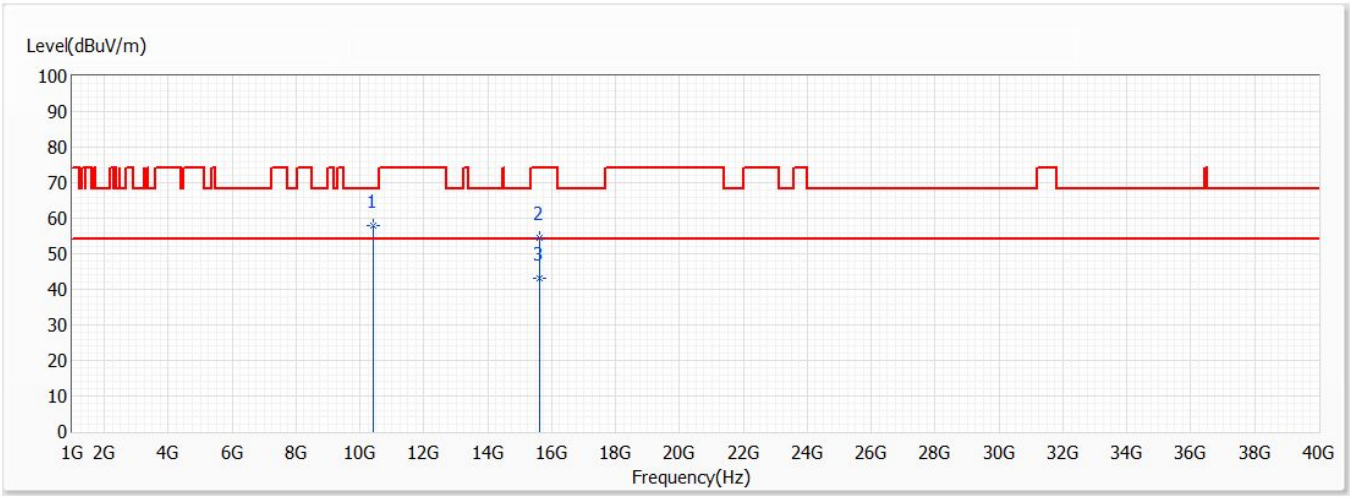



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10460.000 | 67.83 | 68.20 | -0.37 | 67.07 | 0.76 | PK |
| 2 | 15690.000 | 55.74 | 74.00 | -18.26 | 51.86 | 3.88 | PK |
| 3 | 15690.000 | 44.54 | 54.00 | -9.46 | 40.66 | 3.88 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| | | | |
|---|---|---|---|
| Model No | LVD1 | Site | CB2-H |
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Horizontal | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 42,5.21G,BW80M | Humidity (%RH) | 63.0 |

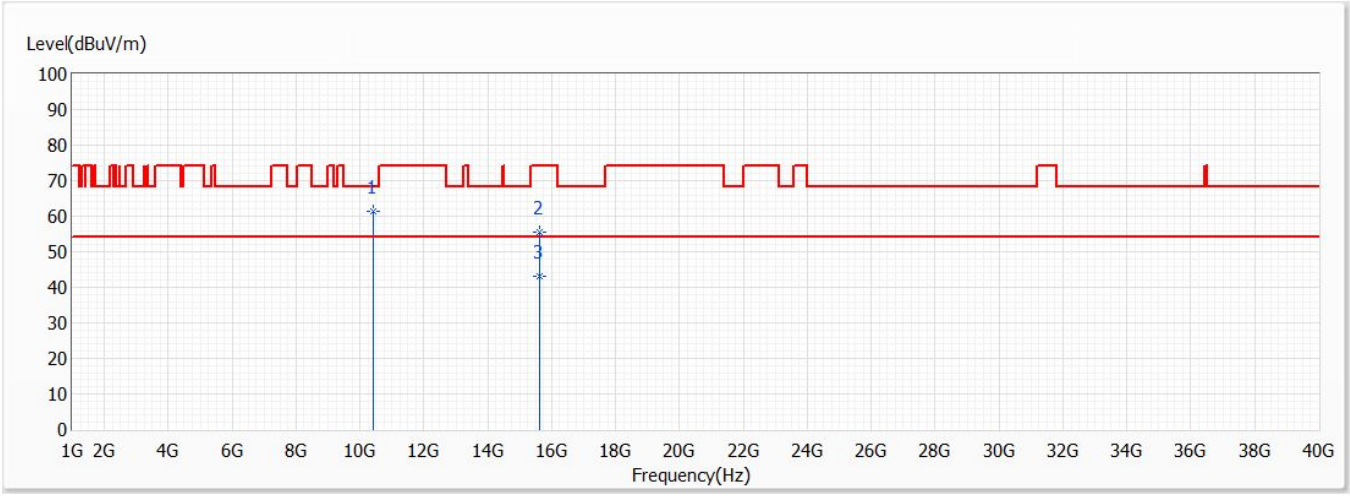



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10420.000 | 57.88 | 68.20 | -10.32 | 57.27 | 0.61 | PK |
| 2 | 15630.000 | 54.36 | 74.00 | -19.64 | 50.33 | 4.03 | PK |
| 3 | 15630.000 | 43.07 | 54.00 | -10.93 | 39.04 | 4.03 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.

| Model No | LVD1 | Site | CB2-H |
|---|---|---|---|
| Test Voltage | AC 120V/60Hz | Test Date | 2021/5/12 |
| Test Mode | Mode 2: Transmit_ Adapter_1A100-US1230 | Engineer | Ling Chen |
| Polarity | Vertical | Temperature (℃) | 24.0 |
| Test Condition | CDD,802.11ac,Ant0+1,Ch 42,5.21G,BW80M | Humidity (%RH) | 63.0 |




| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| * 1 | 10420.000 | 61.25 | 68.20 | -6.95 | 60.64 | 0.61 | PK |
| 2 | 15630.000 | 55.36 | 74.00 | -18.64 | 51.33 | 4.03 | PK |
| 3 | 15630.000 | 43.24 | 54.00 | -10.76 | 39.21 | 4.03 | AV |

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 18GHz were not included is because their levels are lower than 20dB from limit.