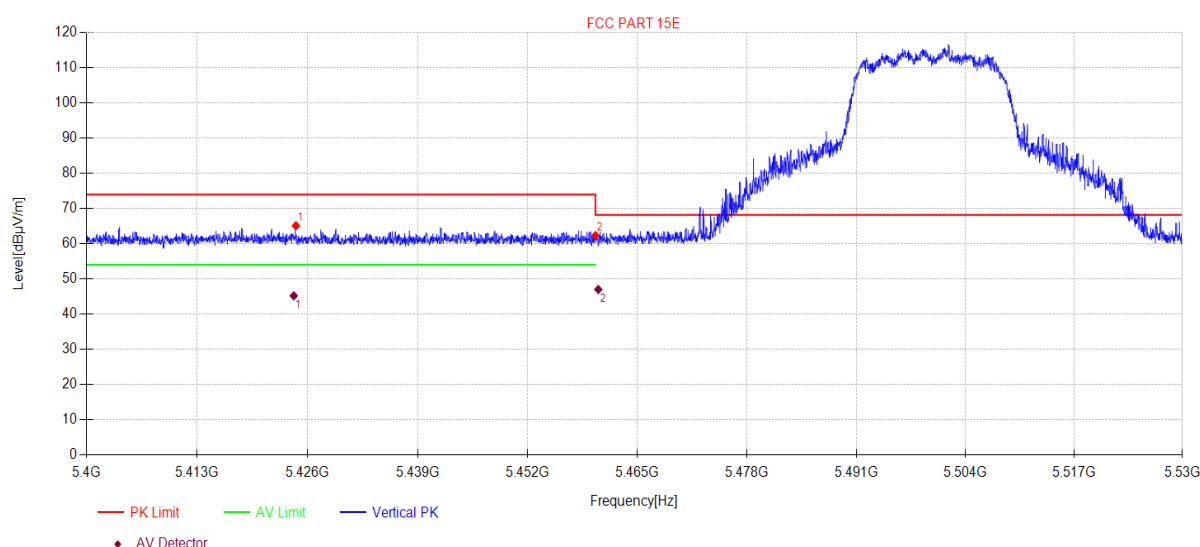


## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\131  
**Memo:** 11AC20 5500

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5424.62     | 58.91          | 6.21        | 65.12          | 74.00          | 8.88        | PK       | Vertical |
| 2   | 5460.00     | 56.09          | 6.24        | 62.33          | 74.00          | 11.67       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5424.36     | 38.99            | 6.21        | 45.20          | 54.00          | 8.8         | AV       | Vertical |
| 2   | 5460.34     | 40.76            | 6.24        | 47.00          | 54.00          | 7           | AV       | Vertical |

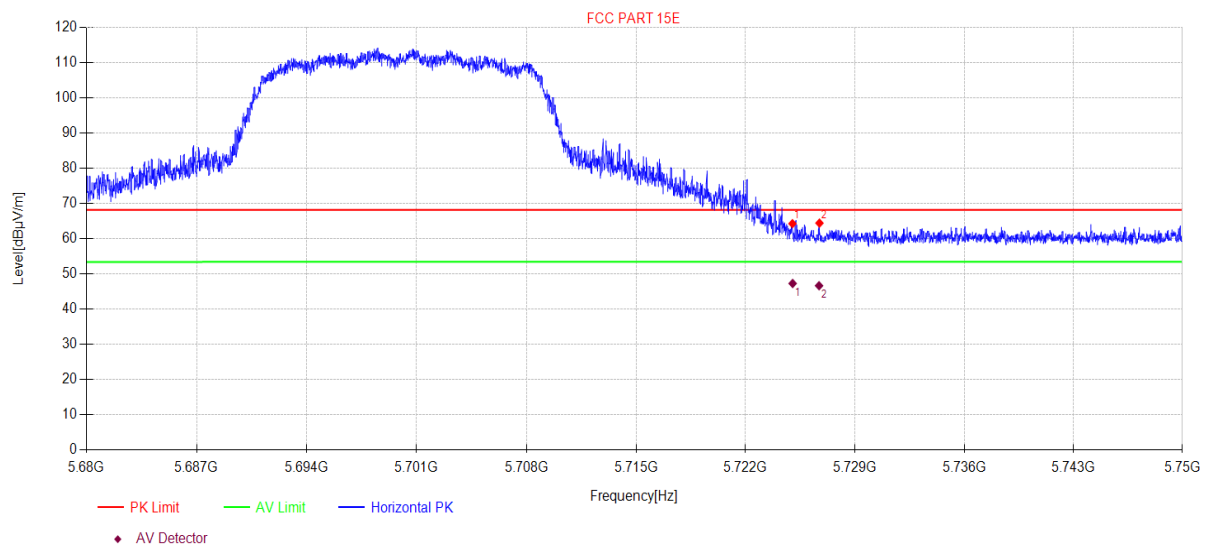
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\134  
**Memo:** 11AC20 5700

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5725.00     | 57.30          | 7.00        | 64.30          | 68.20          | 3.90        | PK       | Horizontal |
| 2   | 5726.73     | 57.44          | 7.00        | 64.44          | 68.20          | 3.76        | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5725.01     | 40.28            | 7.00        | 47.28          | 54.00          | 6.72        | AV       | Horizontal |
| 2   | 5726.70     | 39.64            | 7.00        | 46.64          | 54.00          | 7.36        | AV       | Horizontal |

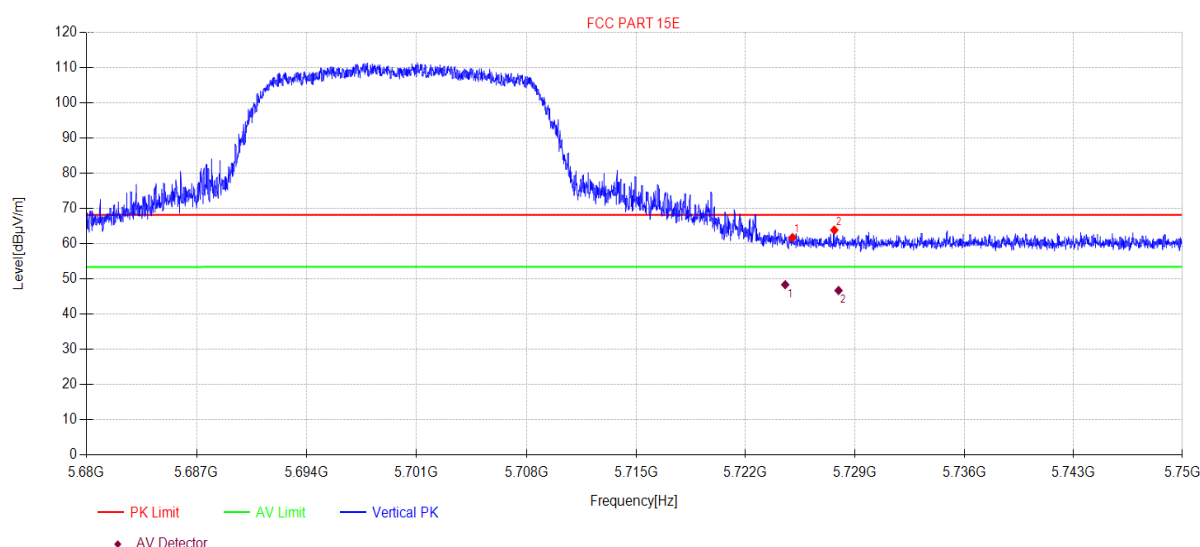
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\135  
**Memo:** 11AC20 5700

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5725.00     | 54.74          | 7.00        | 61.74          | 68.20          | 6.46        | PK       | Vertical |
| 2   | 5727.68     | 56.86          | 7.01        | 63.87          | 68.20          | 4.33        | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5724.54     | 41.35            | 7.00        | 48.35          | 54.00          | 5.65        | AV       | Vertical |
| 2   | 5727.95     | 39.69            | 7.01        | 46.70          | 54.00          | 7.3         | AV       | Vertical |

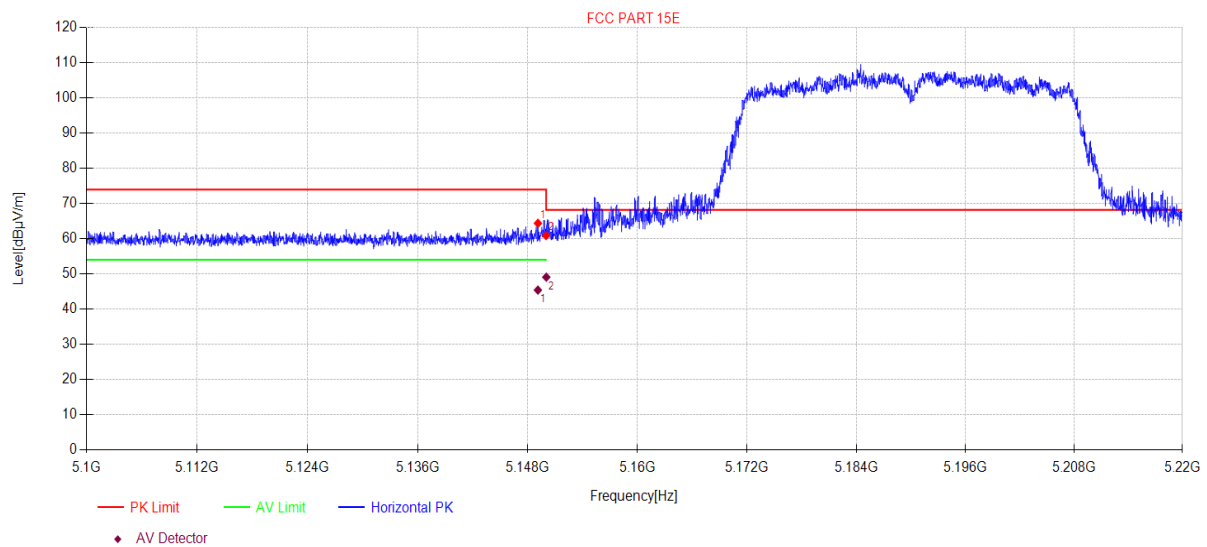
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\140  
**Memo:** 11AC40 5190

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5149.11     | 58.40          | 5.99        | 64.39          | 74.00          | 9.61        | PK       | Horizontal |
| 2   | 5150.00     | 54.90          | 5.99        | 60.89          | 74.00          | 13.11       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5149.10     | 39.42            | 5.99        | 45.41          | 54.00          | 8.59        | AV       | Horizontal |
| 2   | 5150.02     | 43.08            | 5.99        | 49.07          | 54.00          | 4.93        | AV       | Horizontal |

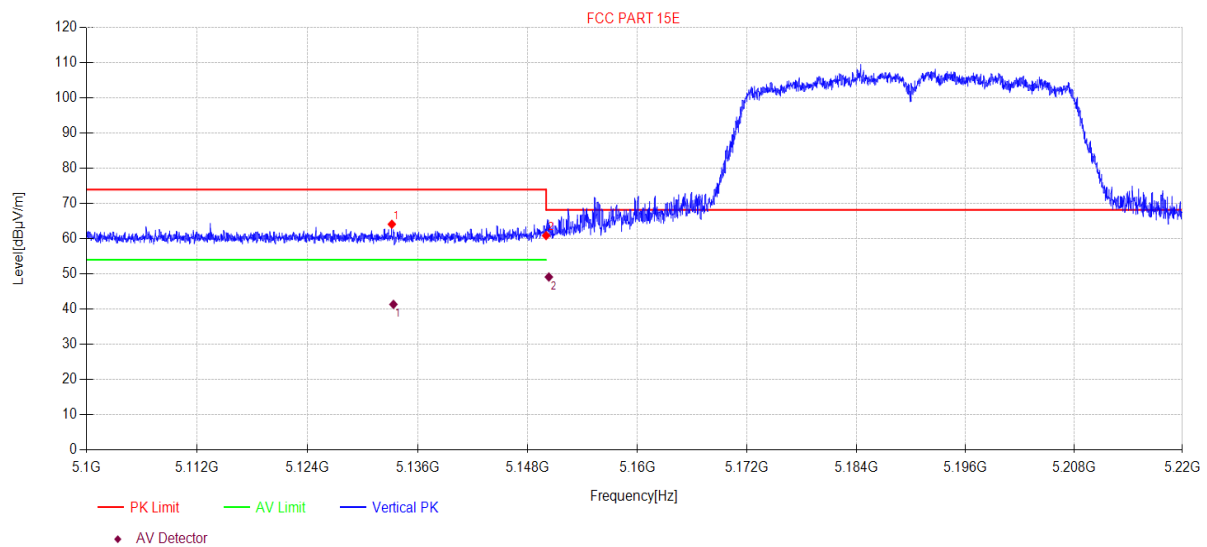
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\141  
**Memo:** 11AC40 5190

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5133.17     | 58.15          | 5.98        | 64.13          | 74.00          | 9.87        | PK       | Vertical |
| 2   | 5150.00     | 54.90          | 5.99        | 60.89          | 74.00          | 13.11       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5133.34     | 35.36            | 5.98        | 41.34          | 54.00          | 12.66       | AV       | Vertical |
| 2   | 5150.30     | 43.13            | 5.99        | 49.12          | 54.00          | 4.88        | AV       | Vertical |

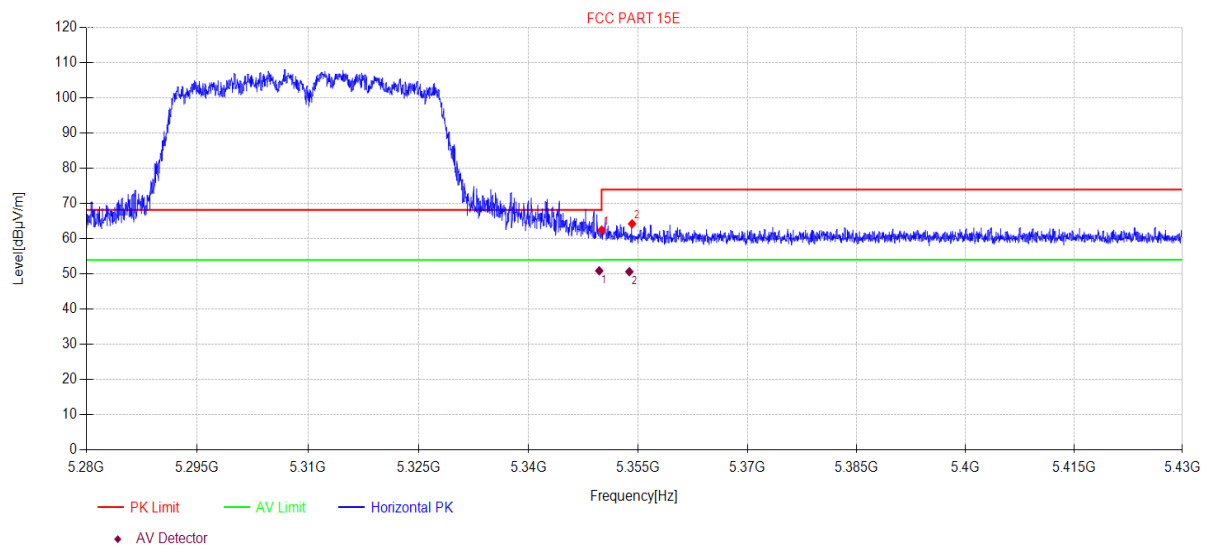
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\149  
**Memo:** 11AC40 5310

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5350.00     | 56.33          | 6.15        | 62.48          | 68.20          | 5.72        | PK       | Horizontal |
| 2   | 5354.17     | 58.09          | 6.15        | 64.24          | 74.00          | 9.76        | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5349.67     | 44.73            | 6.15        | 50.88          | 54.00          | 3.12        | AV       | Horizontal |
| 2   | 5353.80     | 44.48            | 6.15        | 50.63          | 54.00          | 3.37        | AV       | Horizontal |

Note:

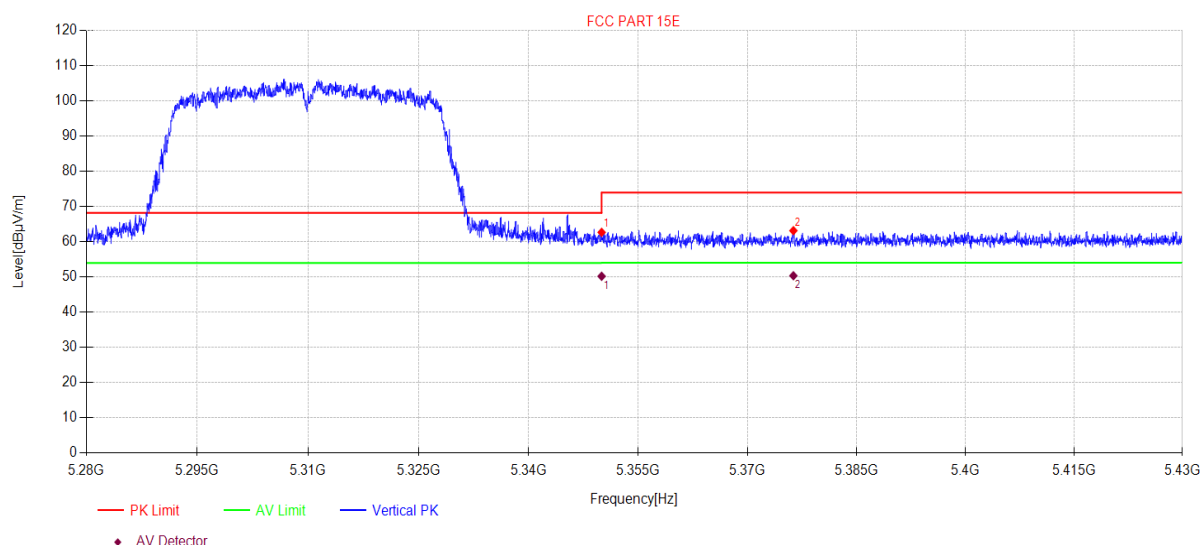
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\150  
**Memo:** 11AC40 5310

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5350.00     | 56.53          | 6.15        | 62.68          | 68.20          | 5.52        | PK       | Vertical |
| 2   | 5376.29     | 56.97          | 6.18        | 63.15          | 74.00          | 10.85       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5350.00     | 44.03            | 6.15        | 50.18          | 54.00          | 3.82        | AV       | Vertical |
| 2   | 5376.29     | 44.16            | 6.18        | 50.34          | 54.00          | 3.66        | AV       | Vertical |

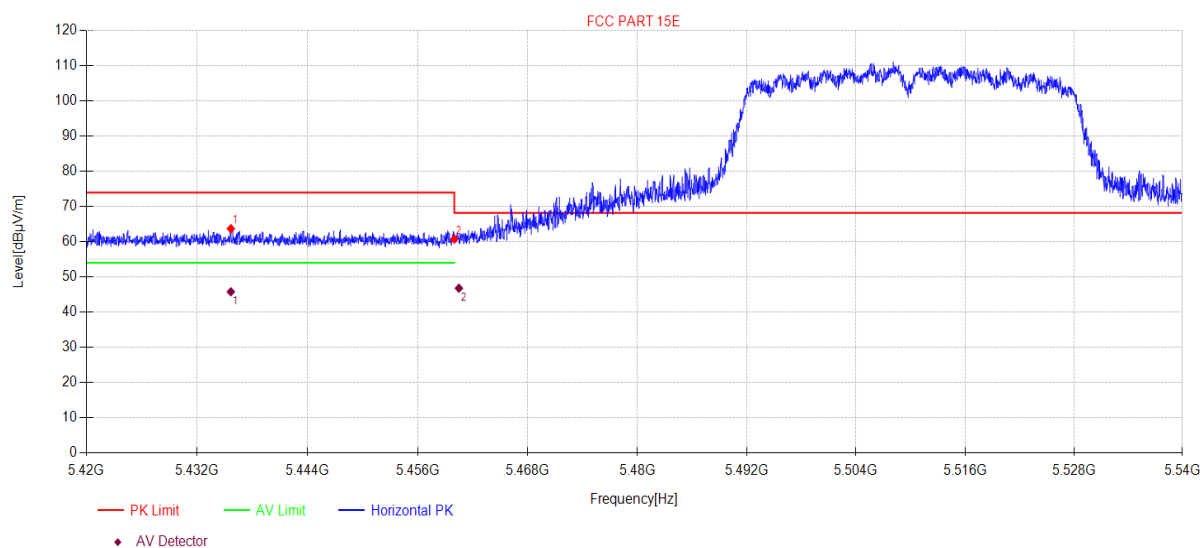
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\151  
**Memo:** 11AC40 5510

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5435.68     | 57.48          | 6.22        | 63.70          | 74.00          | 10.30       | PK       | Horizontal |
| 2   | 5460.00     | 54.49          | 6.24        | 60.73          | 74.00          | 13.27       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5435.67     | 39.56            | 6.22        | 45.78          | 54.00          | 8.22        | AV       | Horizontal |
| 2   | 5460.50     | 40.54            | 6.24        | 46.78          | 54.00          | 7.22        | AV       | Horizontal |

Note:

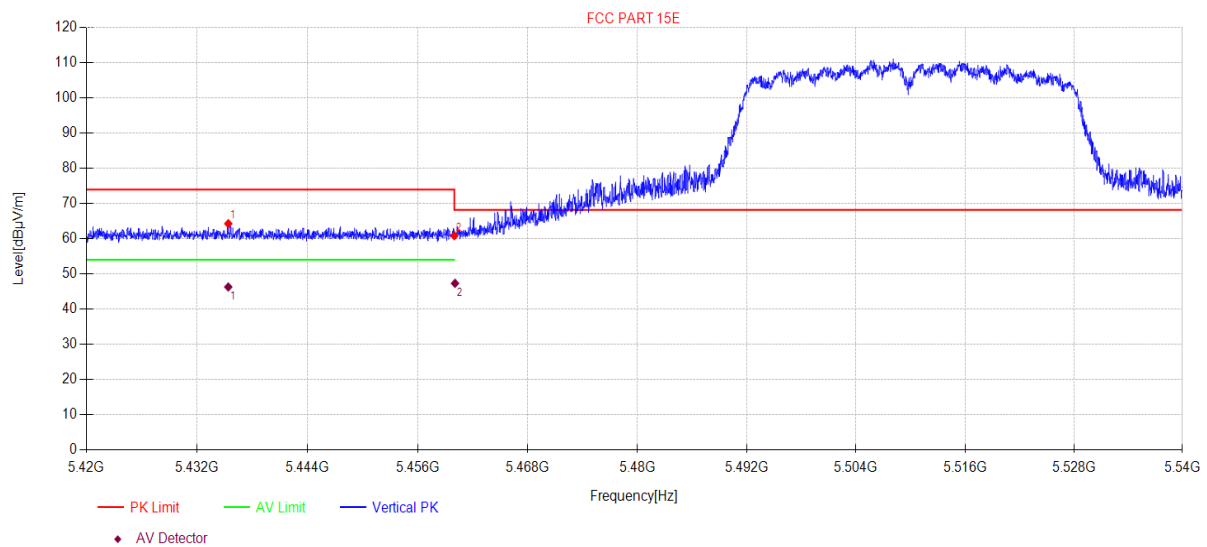
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\152  
**Memo:** 11AC40 5510

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5435.40     | 58.05          | 6.22        | 64.27          | 74.00          | 9.73        | PK       | Vertical |
| 2   | 5460.00     | 54.61          | 6.24        | 60.85          | 74.00          | 13.15       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5435.39     | 40.06          | 6.22        | 46.28          | 54.00          | 7.72        | AV       | Vertical |
| 2   | 5460.07     | 41.08          | 6.24        | 47.32          | 54.00          | 6.68        | AV       | Vertical |

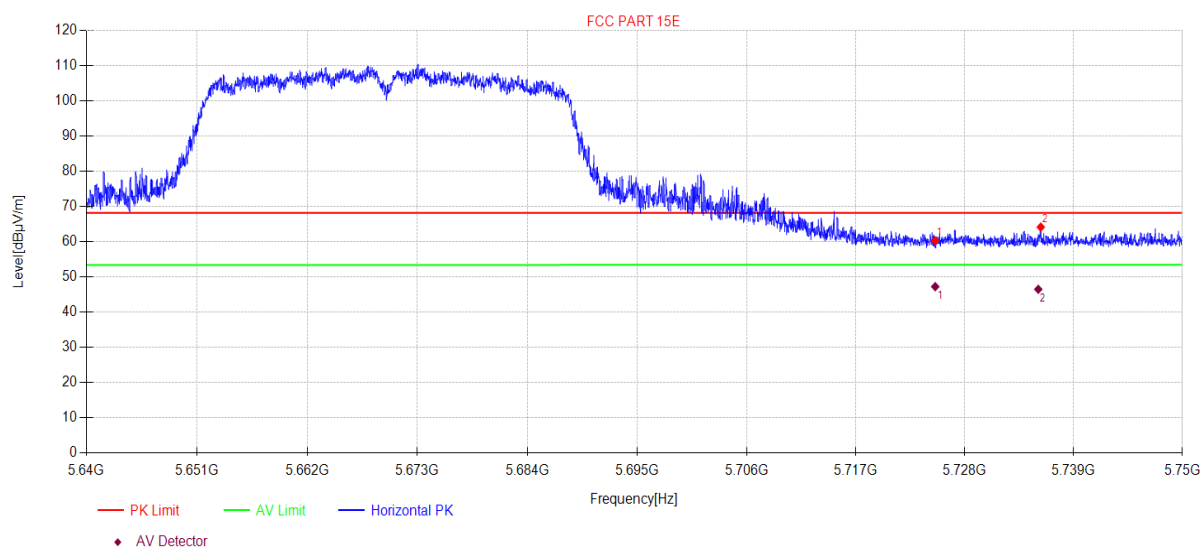
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\153  
**Memo:** 11AC40 5670

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5725.00     | 53.30          | 7.00        | 60.30          | 68.20          | 7.90        | PK       | Horizontal |
| 2   | 5735.67     | 57.15          | 7.02        | 64.17          | 68.20          | 4.03        | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5725.01     | 40.23            | 7.00        | 47.23          | 54.00          | 6.77        | AV       | Horizontal |
| 2   | 5735.42     | 39.46            | 7.02        | 46.48          | 54.00          | 7.52        | AV       | Horizontal |

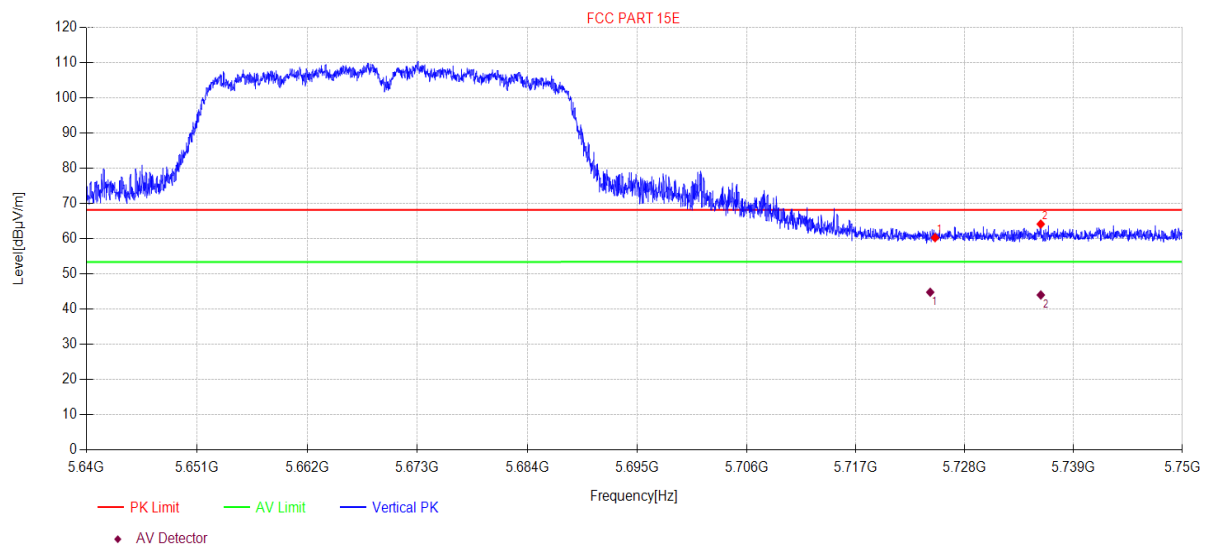
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\154  
**Memo:** 11AC40 5670

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5725.00     | 53.30          | 7.00        | 60.30          | 68.20          | 7.90        | PK       | Vertical |
| 2   | 5735.67     | 57.15          | 7.02        | 64.17          | 68.20          | 4.03        | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5724.51     | 37.79            | 7.00        | 44.79          | 54.00          | 9.21        | AV       | Vertical |
| 2   | 5735.68     | 36.98            | 7.02        | 44.00          | 54.00          | 10          | AV       | Vertical |

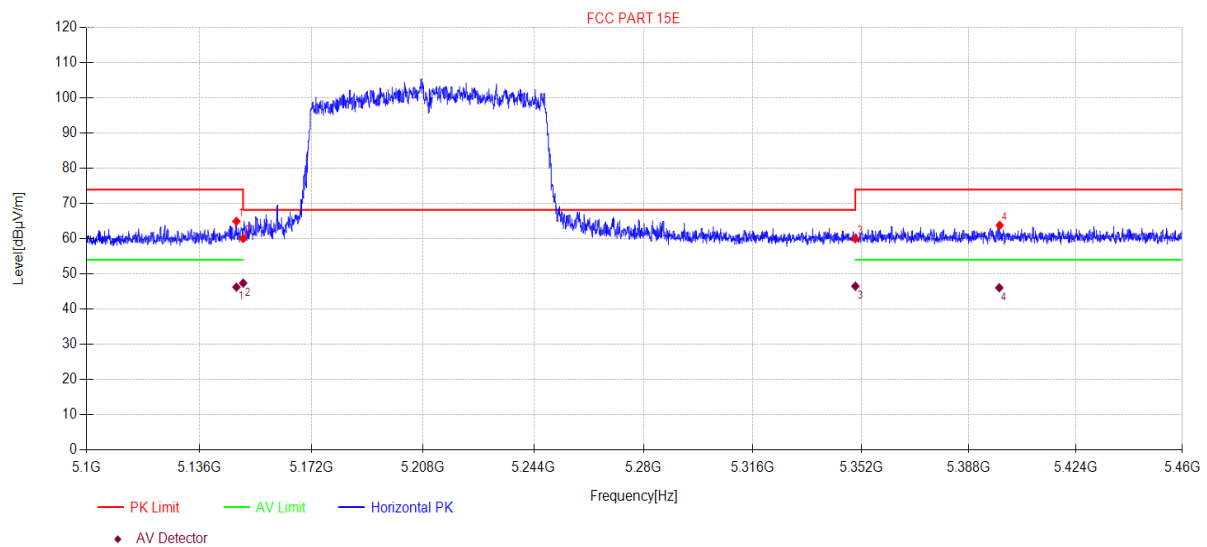
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\162  
**Memo:** 11AC80 5210

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5147.86     | 58.97          | 5.99        | 64.96          | 74.00          | 9.04        | PK       | Horizontal |
| 2   | 5150.00     | 54.06          | 5.99        | 60.05          | 74.00          | 13.95       | PK       | Horizontal |
| 3   | 5350.00     | 53.86          | 6.15        | 60.01          | 68.20          | 8.19        | PK       | Horizontal |
| 4   | 5398.29     | 57.62          | 6.19        | 63.81          | 74.00          | 10.19       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5147.86     | 40.25            | 5.99        | 46.24          | 54.00          | 7.76        | AV       | Horizontal |
| 2   | 5150.02     | 41.38            | 5.99        | 47.37          | 54.00          | 6.63        | AV       | Horizontal |
| 3   | 5350.02     | 40.36            | 6.15        | 46.51          | 54.00          | 7.49        | AV       | Horizontal |
| 4   | 5398.16     | 39.87            | 6.19        | 46.06          | 54.00          | 7.94        | AV       | Horizontal |

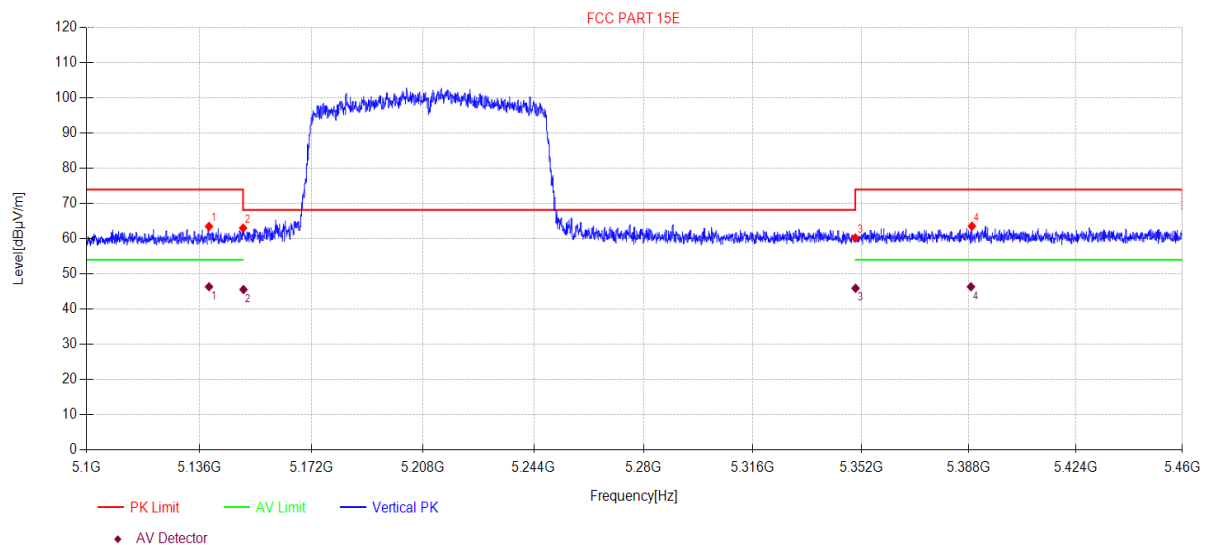
Note:

- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\163  
**Memo:** 11AC80 5210

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5139.07     | 57.51          | 5.99        | 63.50          | 74.00          | 10.50       | PK       | Vertical |
| 2   | 5150.00     | 57.03          | 5.99        | 63.02          | 74.00          | 10.98       | PK       | Vertical |
| 3   | 5350.00     | 54.09          | 6.15        | 60.24          | 68.20          | 7.96        | PK       | Vertical |
| 4   | 5388.98     | 57.39          | 6.18        | 63.57          | 74.00          | 10.43       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5139.08     | 40.36            | 5.99        | 46.35          | 54.00          | 7.65        | AV       | Vertical |
| 2   | 5150.13     | 39.56            | 5.99        | 45.55          | 54.00          | 8.45        | AV       | Vertical |
| 3   | 5350.09     | 39.76            | 6.15        | 45.91          | 54.00          | 8.09        | AV       | Vertical |
| 4   | 5388.62     | 40.17            | 6.18        | 46.35          | 54.00          | 7.65        | AV       | Vertical |

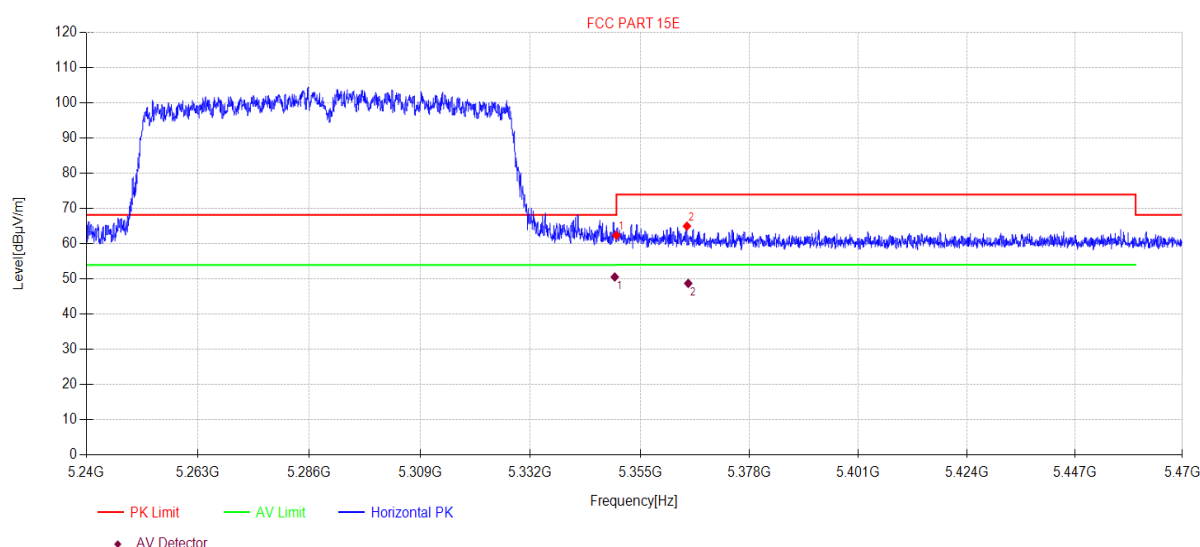
Note:

- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\166  
**Memo:** 11AC80 5290

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5350.00     | 56.25          | 6.15        | 62.40          | 68.20          | 5.80        | PK       | Horizontal |
| 2   | 5364.81     | 58.85          | 6.16        | 65.01          | 74.00          | 8.99        | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5349.67     | 44.40            | 6.15        | 50.55          | 54.00          | 3.45        | AV       | Horizontal |
| 2   | 5365.09     | 42.56            | 6.16        | 48.72          | 54.00          | 5.28        | AV       | Horizontal |

Note:

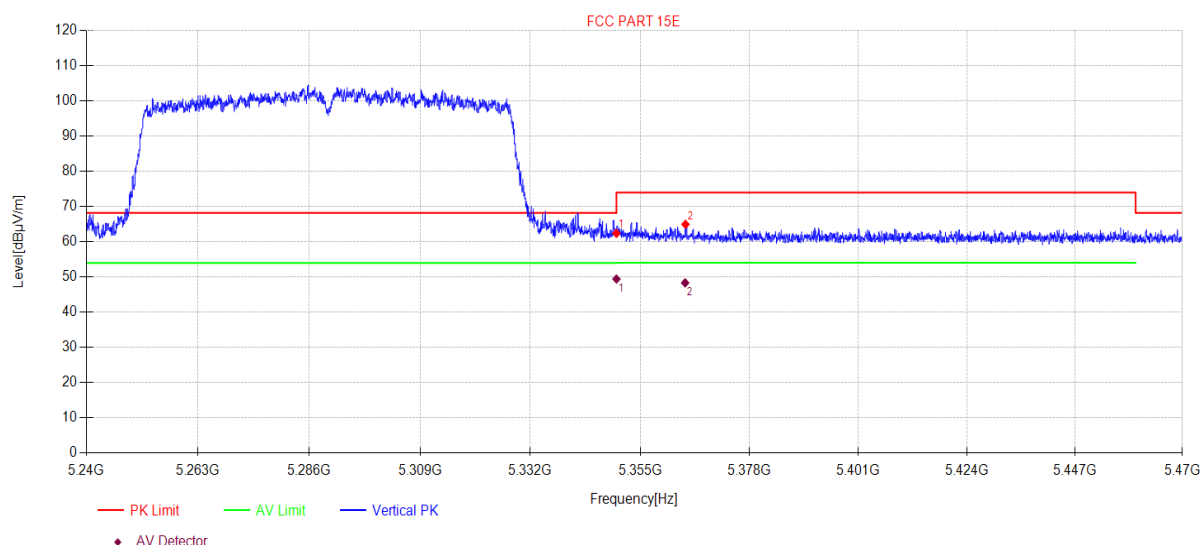
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\167  
**Memo:** 11AC80 5290

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5350.00     | 56.25          | 6.15        | 62.40          | 68.20          | 5.80        | PK       | Vertical |
| 2   | 5364.50     | 58.79          | 6.16        | 64.95          | 74.00          | 9.05        | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5350.01     | 43.26            | 6.15        | 49.41          | 54.00          | 4.59        | AV       | Vertical |
| 2   | 5364.44     | 42.15            | 6.16        | 48.31          | 54.00          | 5.69        | AV       | Vertical |

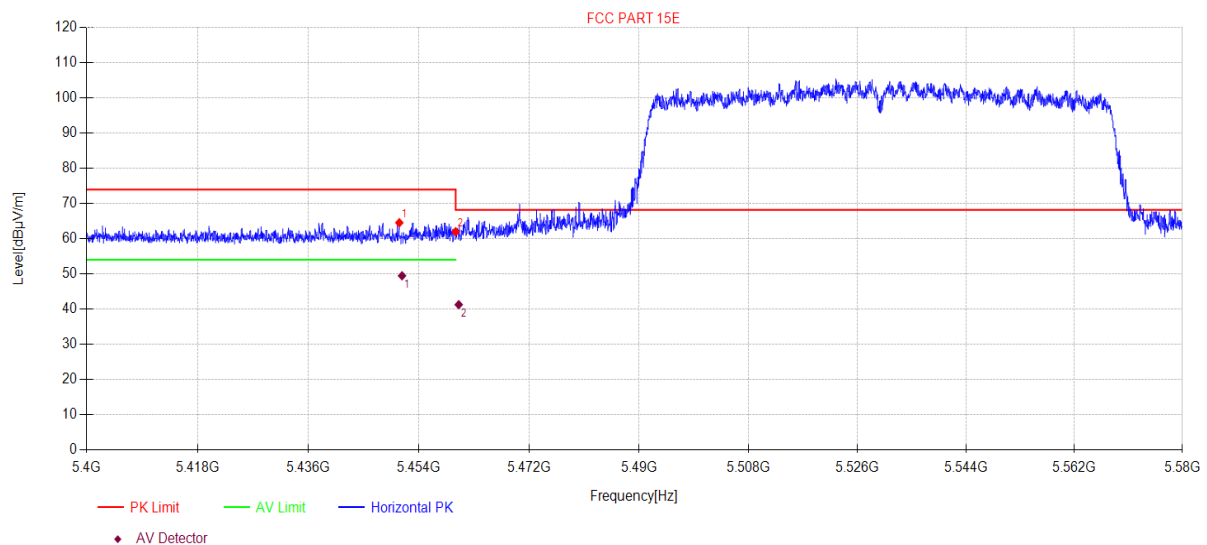
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\170  
**Memo:** 11AC80 5530

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5450.81     | 58.32          | 6.23        | 64.55          | 74.00          | 9.45        | PK       | Horizontal |
| 2   | 5460.00     | 55.77          | 6.24        | 62.01          | 74.00          | 11.99       | PK       | Horizontal |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5451.25     | 43.24            | 6.23        | 49.47          | 54.00          | 4.53        | AV       | Horizontal |
| 2   | 5460.50     | 35.02            | 6.24        | 41.26          | 54.00          | 12.74       | AV       | Horizontal |

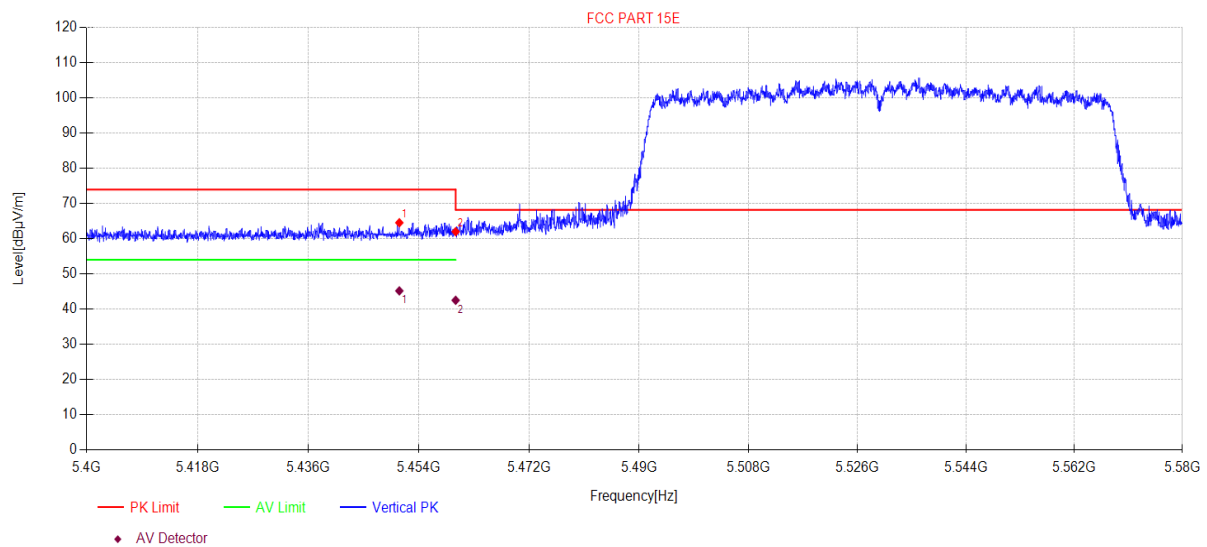
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\171  
**Memo:** 11AC80 5530

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5450.81     | 58.32          | 6.23        | 64.55          | 74.00          | 9.45        | PK       | Vertical |
| 2   | 5460.00     | 55.77          | 6.24        | 62.01          | 74.00          | 11.99       | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5450.81     | 38.95            | 6.23        | 45.18          | 54.00          | 8.82        | AV       | Vertical |
| 2   | 5460.00     | 36.26            | 6.24        | 42.50          | 54.00          | 11.50       | AV       | Vertical |

Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2022-12-10

Tested By:

Johnson Huang

EUT:

Wireless Bridge

Model Number:

RG-EST310 V2

Test Mode:

TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.1°C;Humi:53.5%;Press:100.3kPa

Test Site:

DDT 3# Chamber

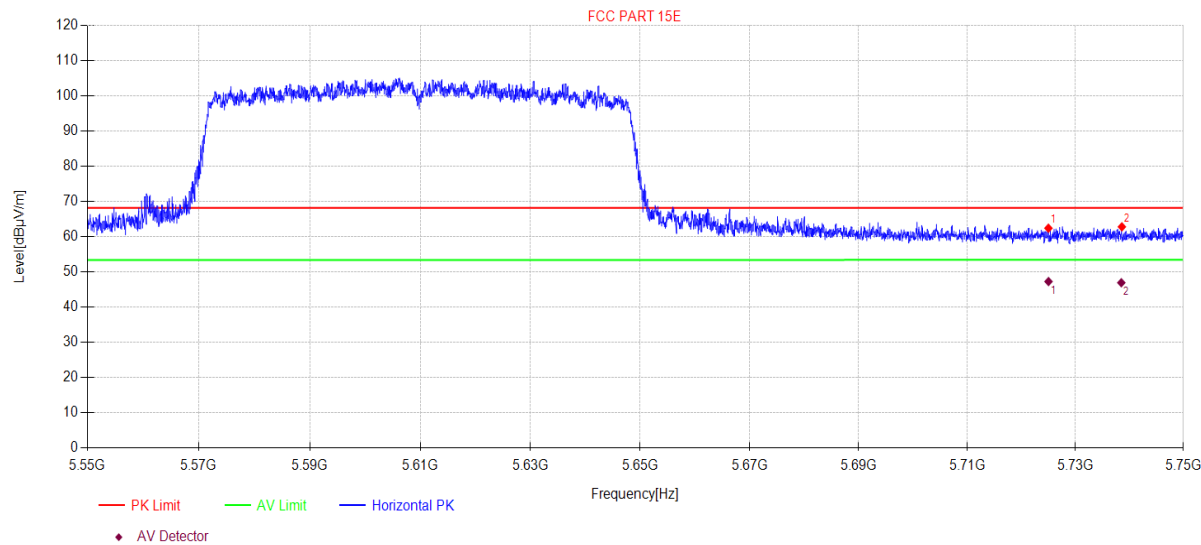
File Path:

d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\172

Memo:

11AC80 5610

Test Graph



| Suspected Data List |             |                |             |                |                |             |          |            |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5725.00     | 55.42          | 7.00        | 62.42          | 68.20          | 5.78        | PK       | Horizontal |
| 2                   | 5738.60     | 55.77          | 7.04        | 62.81          | 68.20          | 5.39        | PK       | Horizontal |

| Final Data List |             |                  |             |                |                |             |          |            |
|-----------------|-------------|------------------|-------------|----------------|----------------|-------------|----------|------------|
| NO.             | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1               | 5725.01     | 40.26            | 7.00        | 47.26          | 54.00          | 6.74        | AV       | Horizontal |
| 2               | 5738.49     | 39.89            | 7.04        | 46.93          | 54.00          | 7.07        | AV       | Horizontal |

Note:

1. Level = Reading + Factor.

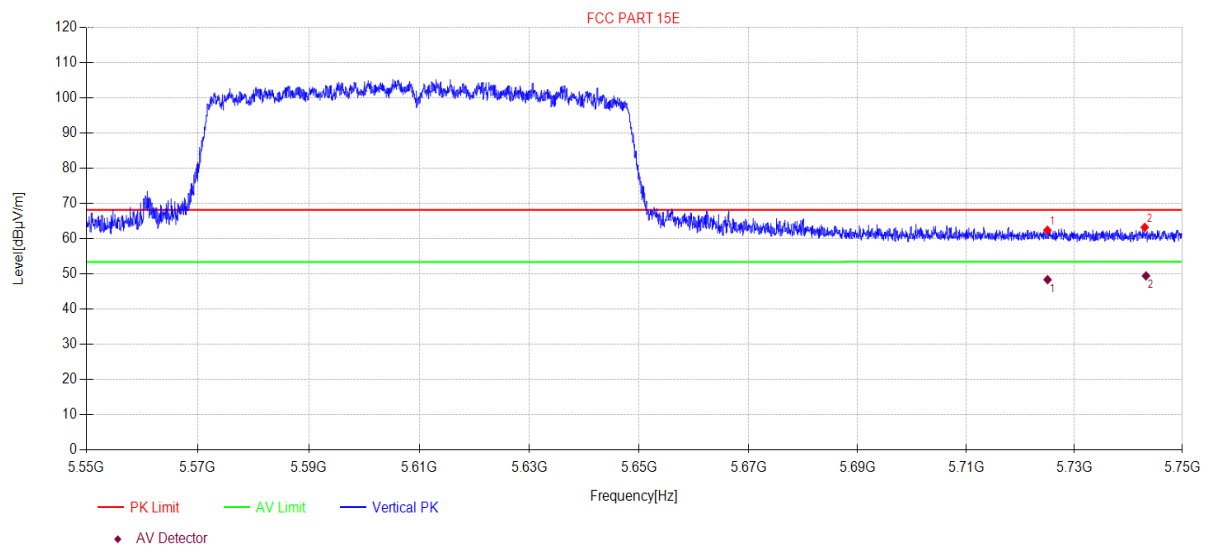
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-10 **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC ABOVE 1G\173  
**Memo:** 11AC80 5610

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5725.00     | 55.42          | 7.00        | 62.42          | 68.20          | 5.78        | PK       | Vertical |
| 2   | 5743.02     | 56.19          | 7.05        | 63.24          | 68.20          | 4.96        | PK       | Vertical |

### Final Data List

| NO. | Freq. [MHz] | Reading [dBμV/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|------------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5725.03     | 41.36            | 7.00        | 48.36          | 54.00          | 5.64        | AV       | Vertical |
| 2   | 5743.26     | 42.39            | 7.05        | 49.44          | 54.00          | 4.56        | AV       | Vertical |

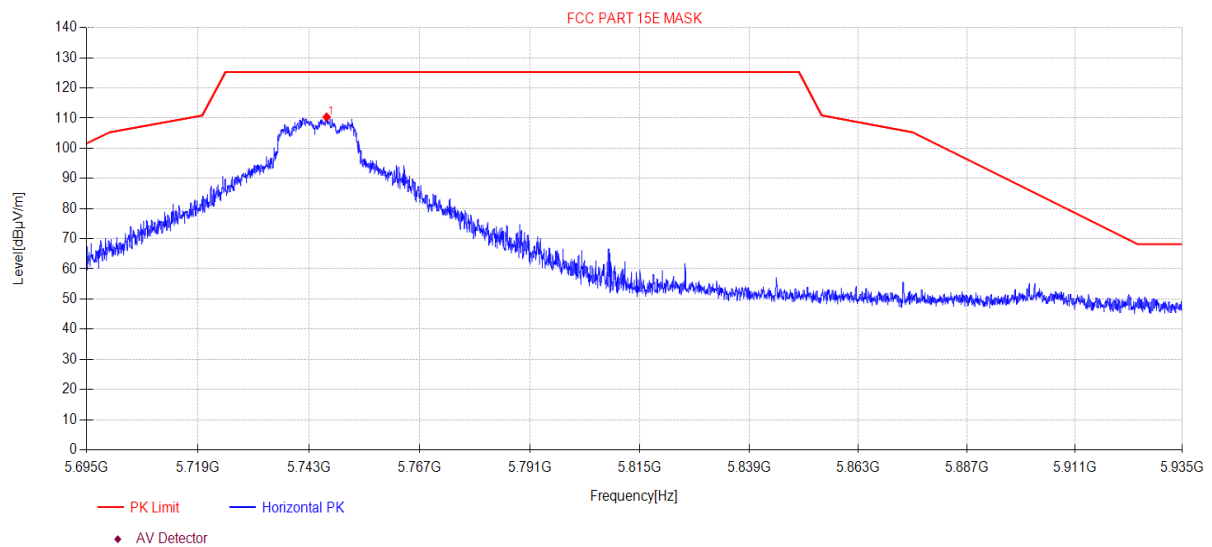
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-13      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\13  
**Memo:** 11A 5745

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5746.77     | 113.32         | -2.95       | 110.37         | 125.30         | 14.93       | PK       | Horizontal |

#### Note:

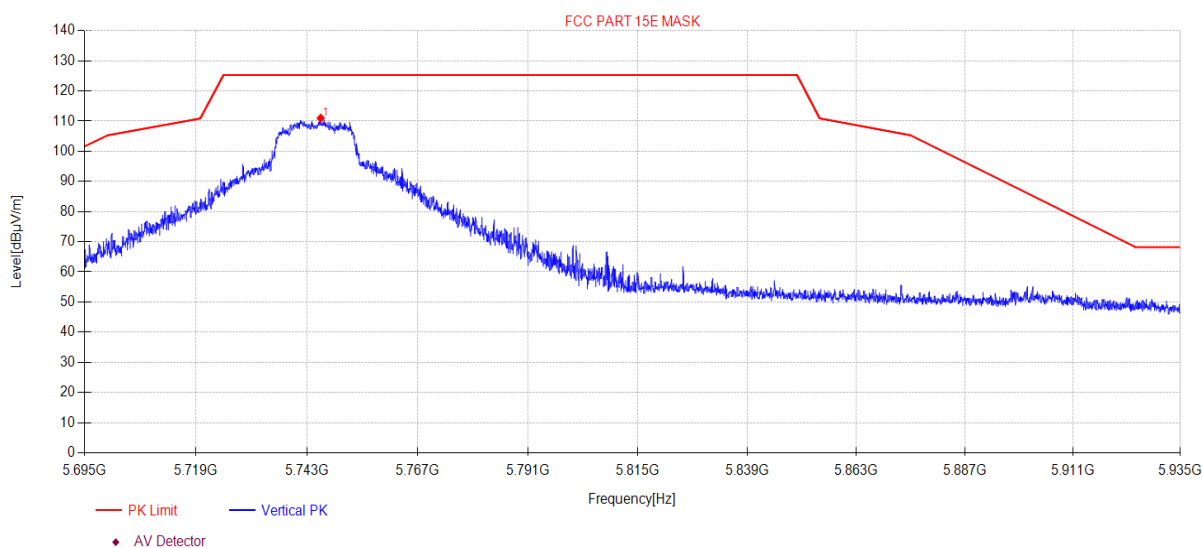
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-13      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\14  
**Memo:** 11A 5745

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5745.92     | 113.91         | -2.95       | 110.96         | 125.30         | 14.34       | PK       | Vertical |

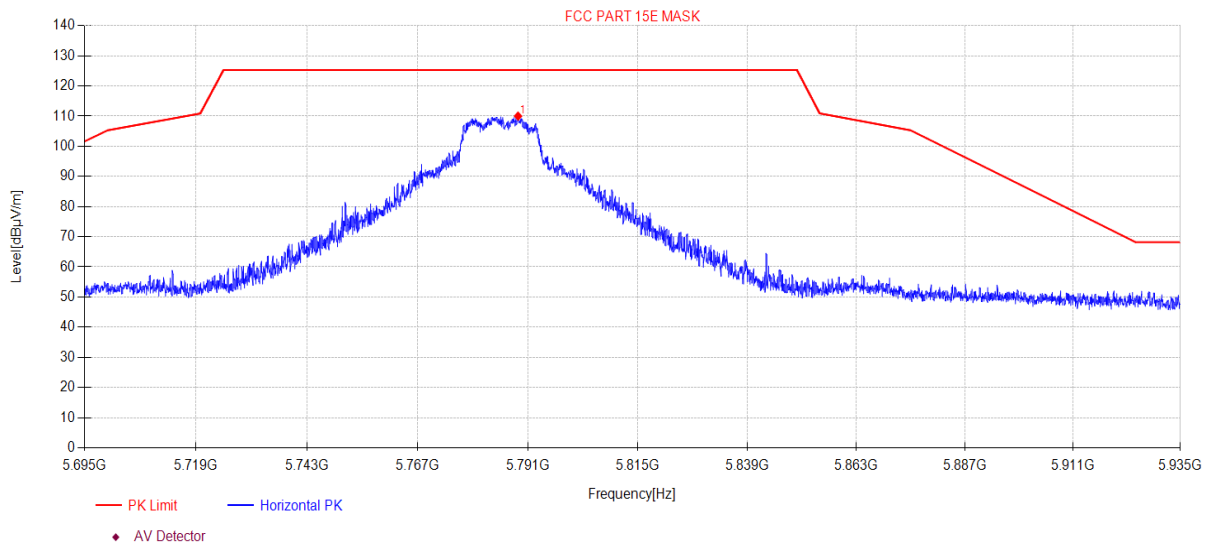
#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-13      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\15  
**Memo:** 11A 5785

### Test Graph



| Suspected Data List |             |                |             |                |                |             |          |            |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5788.79     | 112.74         | -2.74       | 110.00         | 125.30         | 15.30       | PK       | Horizontal |

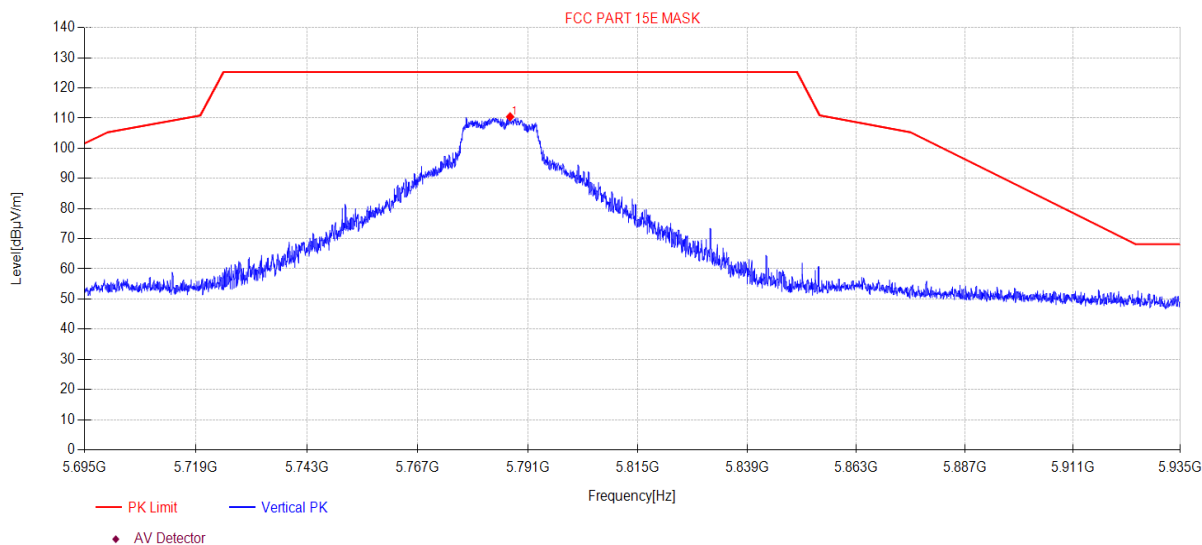
#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-13      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\16  
**Memo:** 11A 5785

### Test Graph



| Suspected Data List |             |                |             |                |                |             |          |          |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5787.06     | 113.20         | -2.76       | 110.44         | 125.30         | 14.86       | PK       | Vertical |

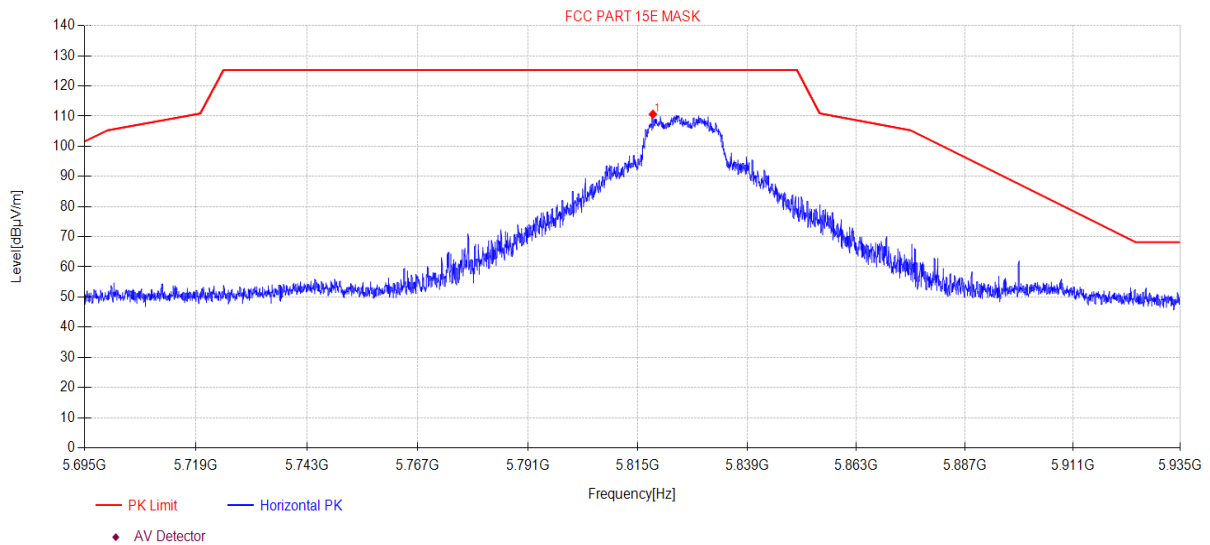
#### Note:

- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-13      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\17  
**Memo:** 11A 5825

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5818.27     | 113.27         | -2.64       | 110.63         | 125.30         | 14.67       | PK       | Horizontal |

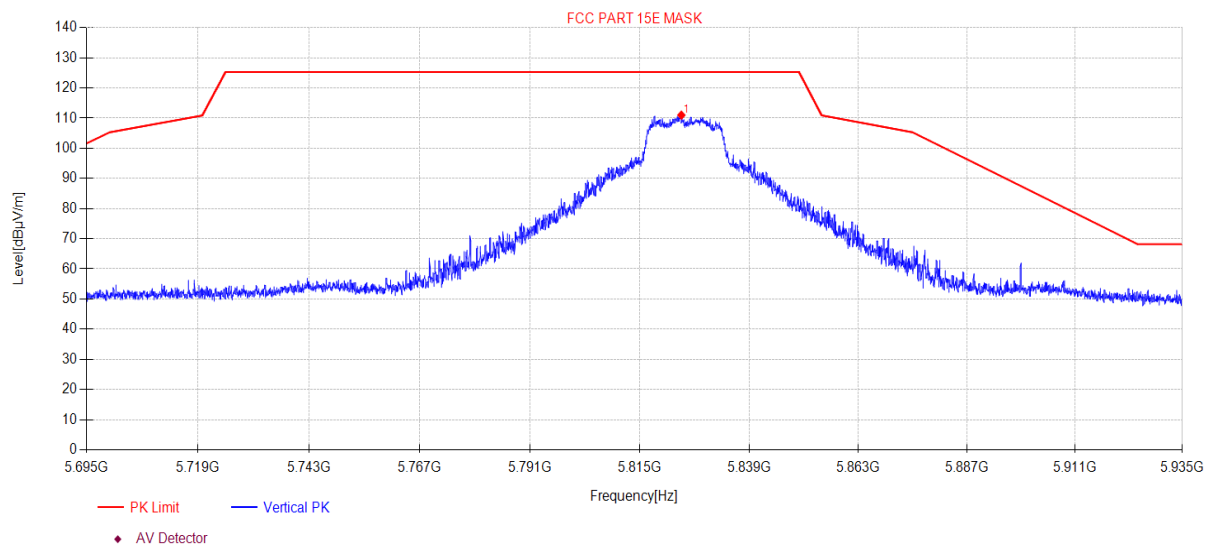
#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-13      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\18  
**Memo:** 11A 5825

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5824.07     | 113.62         | -2.63       | 110.99         | 125.30         | 14.31       | PK       | Vertical |

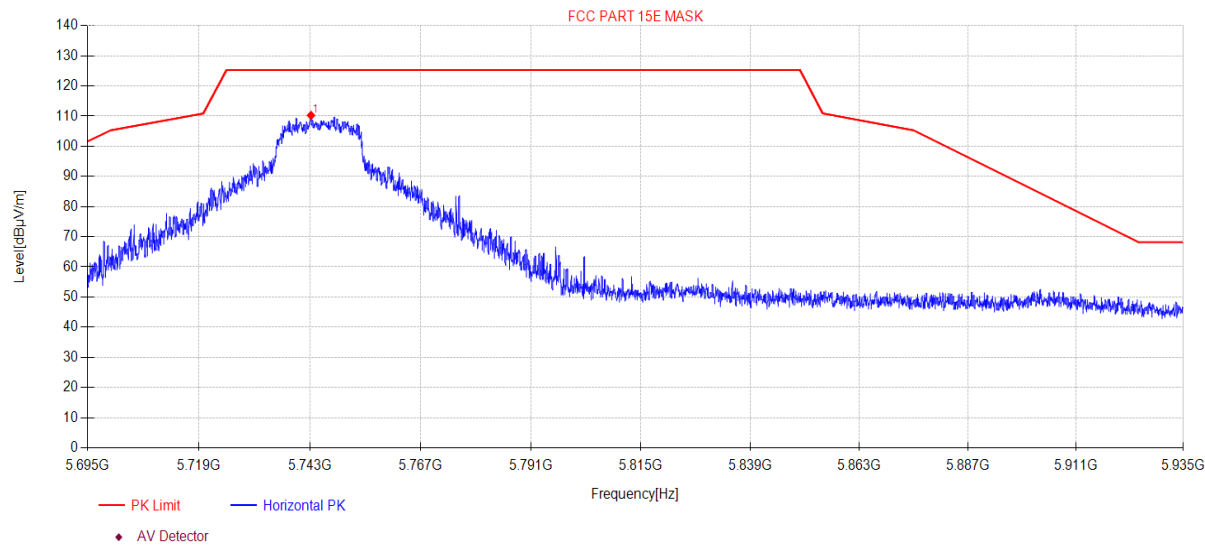
#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2022-12-14      Tested By: Johnson Huang  
EUT: Wireless Bridge      Model Number: RG-EST310 V2  
Test Mode: TX Mode      Power Supply: AC 120V/60Hz  
Condition: Temp:23.1°C;Humi:53.5%;Press:100.3kPa      Test Site: DDT 3# Chamber  
File Path: d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\19  
Memo: 11N20 5745

Test Graph



| Suspected Data List |             |                |             |                |                |             |          |            |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5743.17     | 113.21         | -2.95       | 110.26         | 125.30         | 15.04       | PK       | Horizontal |

Note:  
1. Level = Reading + Factor.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



TR-4-E-009 Radiated Emission Test Result

Test Date:

2022-12-14

Tested By:

Johnson Huang

EUT:

Wireless Bridge

Model Number:

RG-EST310 V2

Test Mode:

TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.1°C;Humi:53.5%;Press:100.3kPa

Test Site:

DDT 3# Chamber

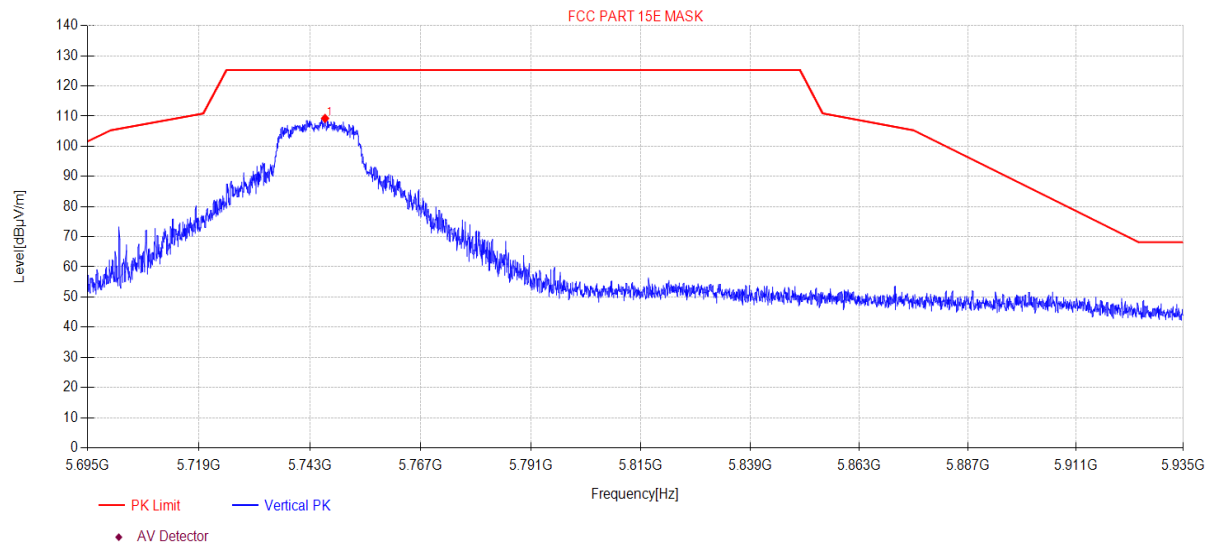
File Path:

d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\20

Memo:

11N20 5745

Test Graph



| Suspected Data List |             |                |             |                |                |             |          |          |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5746.22     | 112.20         | -2.95       | 109.25         | 125.30         | 16.05       | PK       | Vertical |

Note:

1. Level = Reading + Factor.

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

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2022-12-14

Tested By:

Johnson Huang

EUT:

Wireless Bridge

Model Number:

RG-EST310 V2

Test Mode:

TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.1°C;Humi:53.5%;Press:100.3kPa

Test Site:

DDT 3# Chamber

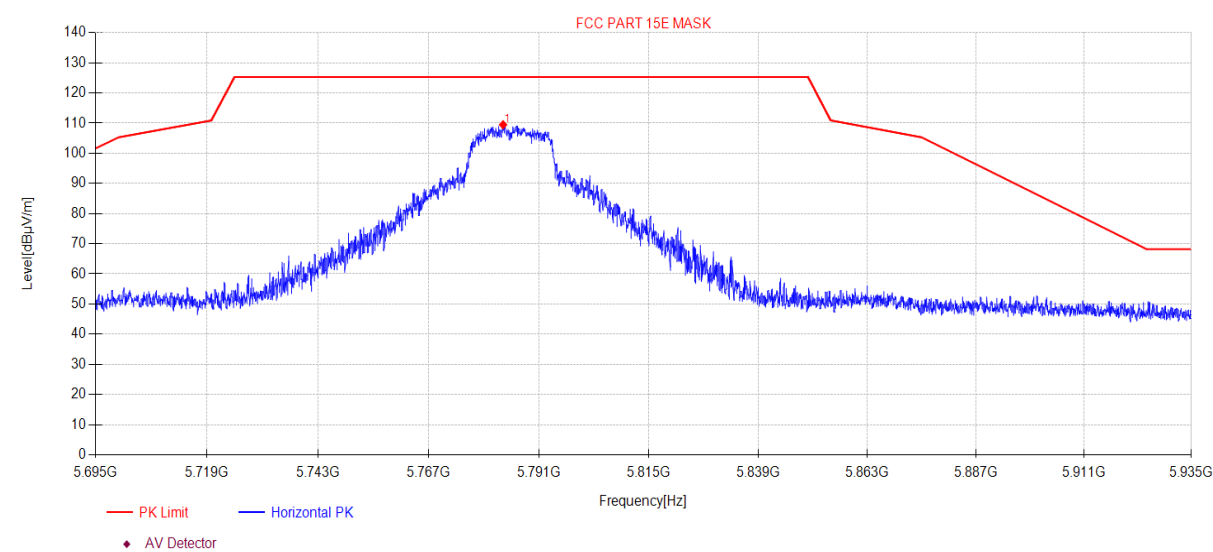
File Path:

d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\21

Memo:

11N20 5785

Test Graph



| Suspected Data List |             |                |             |                |                |             |          |            |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5783.14     | 112.25         | -2.78       | 109.47         | 125.30         | 15.83       | PK       | Horizontal |

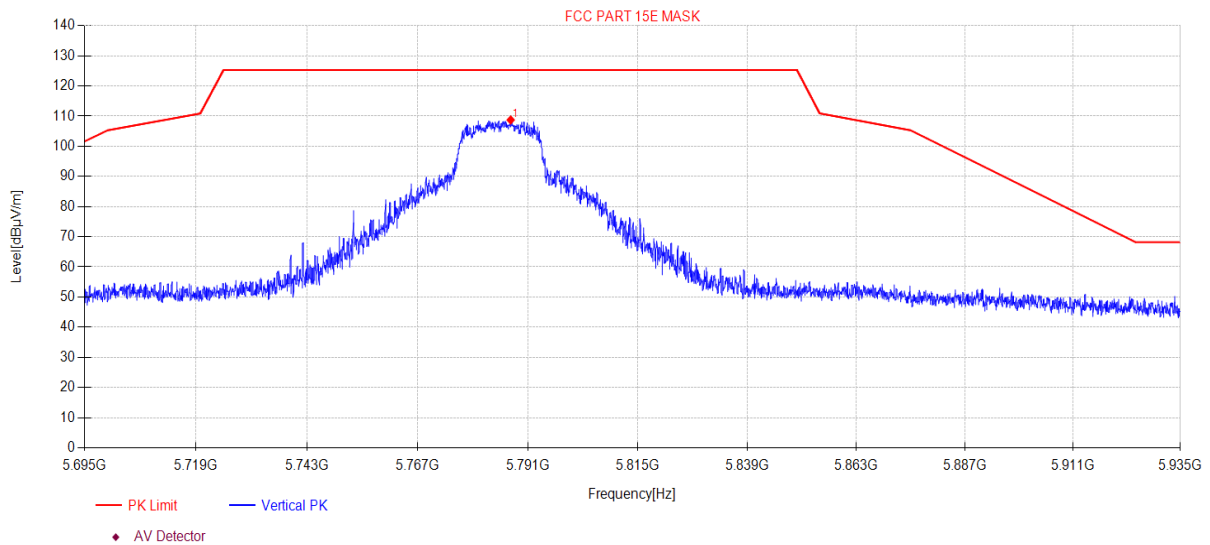
Note:

- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14**Tested By:** Johnson Huang**EUT:** Wireless Bridge**Model Number:** RG-EST310 V2**Test Mode:** TX Mode**Power Supply:** AC 120V/60Hz**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\22**Memo:** 11N20 5785

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5787.18     | 111.49         | -2.76       | 108.73         | 125.30         | 16.57       | PK       | Vertical |

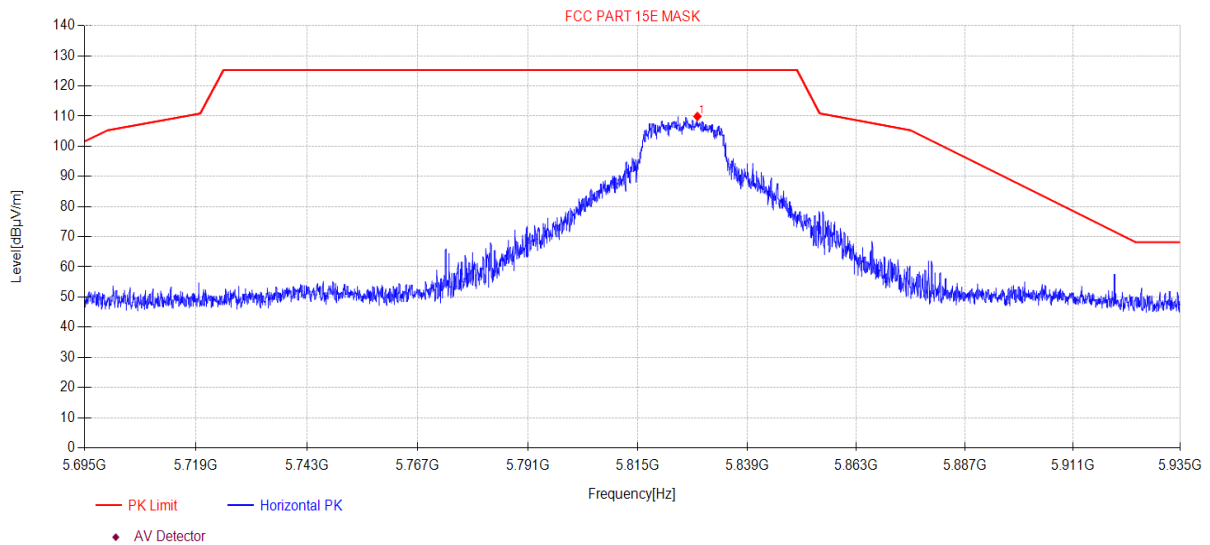
#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14**Tested By:** Johnson Huang**EUT:** Wireless Bridge**Model Number:** RG-EST310 V2**Test Mode:** TX Mode**Power Supply:** AC 120V/60Hz**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\23**Memo:** 11N20 5825

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5828.02     | 112.52         | -2.62       | 109.90         | 125.30         | 15.40       | PK       | Horizontal |

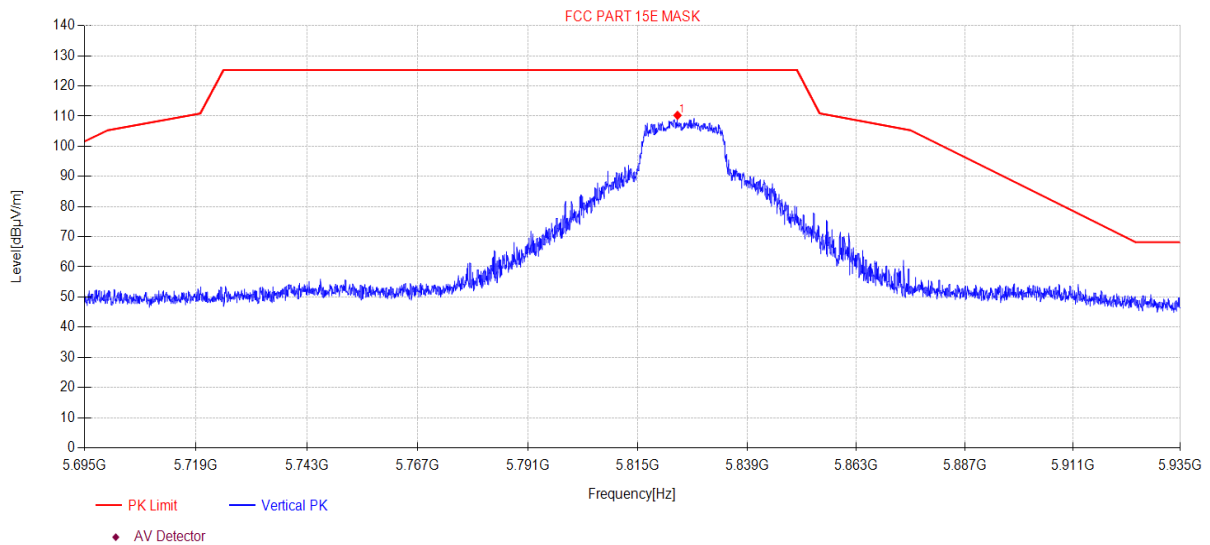
**Note:**

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14**Tested By:** Johnson Huang**EUT:** Wireless Bridge**Model Number:** RG-EST310 V2**Test Mode:** TX Mode**Power Supply:** AC 120V/60Hz**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\24**Memo:** 11N20 5825

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5823.66     | 112.89         | -2.63       | 110.26         | 125.30         | 15.04       | PK       | Vertical |

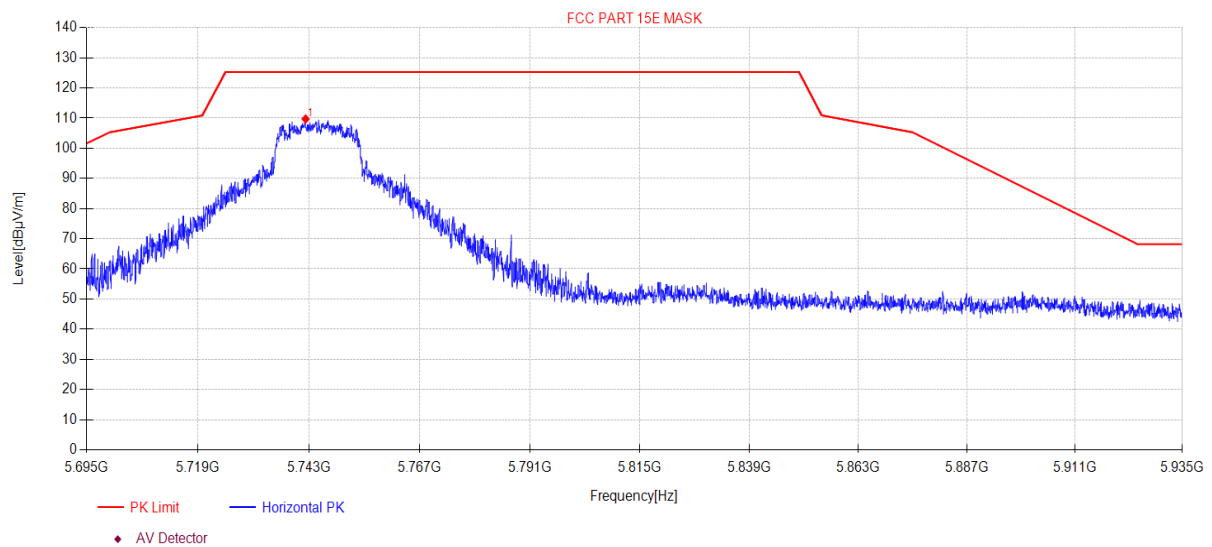
**Note:**

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\25  
**Memo:** 11AC20 5745

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5742.23     | 112.68         | -2.96       | 109.72         | 125.30         | 15.58       | PK       | Horizontal |

#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



TR-4-E-009 Radiated Emission Test Result

Test Date:

2022-12-14

Tested By:

Johnson Huang

EUT:

Wireless Bridge

Model Number:

RG-EST310 V2

Test Mode:

TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.1°C;Humi:53.5%;Press:100.3kPa

Test Site:

DDT 3# Chamber

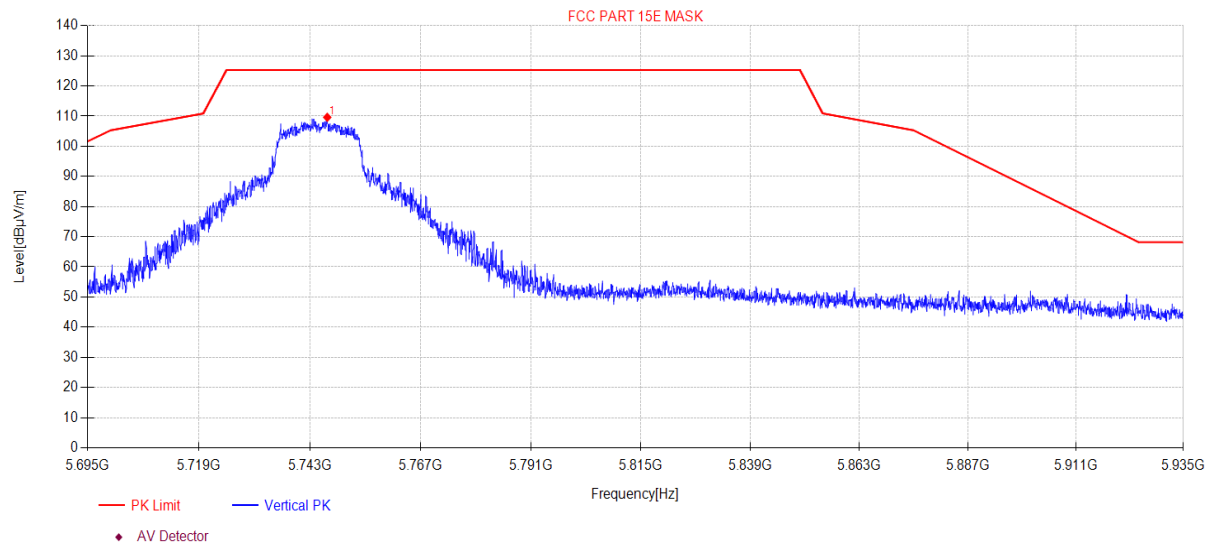
File Path:

d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\26

Memo:

11AC20 5745

Test Graph



| Suspected Data List |             |                |             |                |                |             |          |          |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5746.69     | 112.56         | -2.95       | 109.61         | 125.30         | 15.69       | PK       | Vertical |

Note:

1. Level = Reading + Factor.

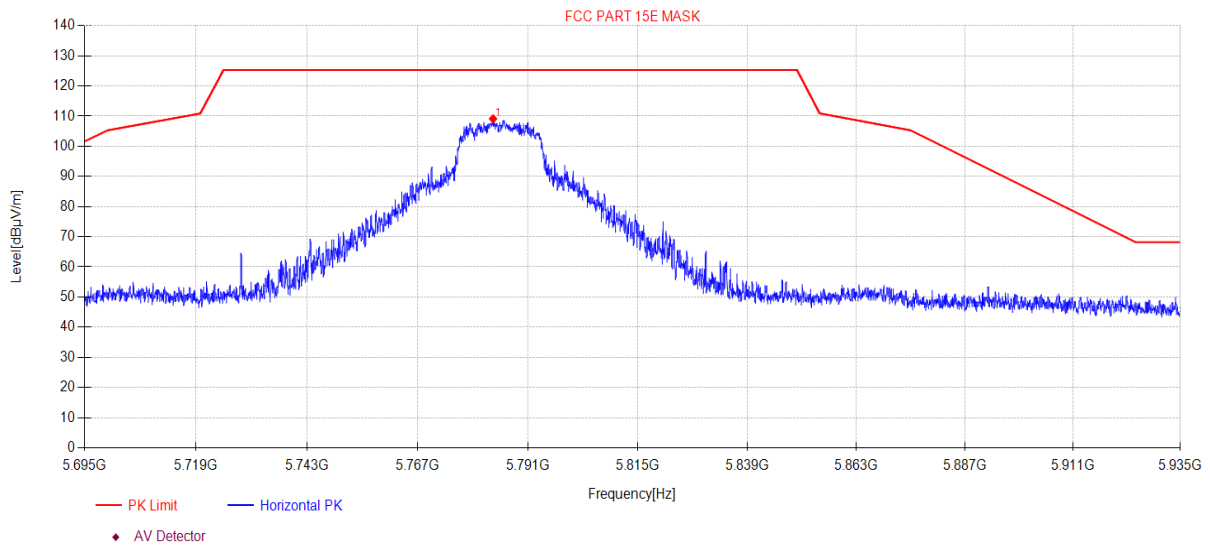
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14**Tested By:** Johnson Huang**EUT:** Wireless Bridge**Model Number:** RG-EST310 V2**Test Mode:** TX Mode**Power Supply:** AC 120V/60Hz**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\27**Memo:** 11AC20 5785

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5783.34     | 111.89         | -2.78       | 109.11         | 125.30         | 16.19       | PK       | Horizontal |

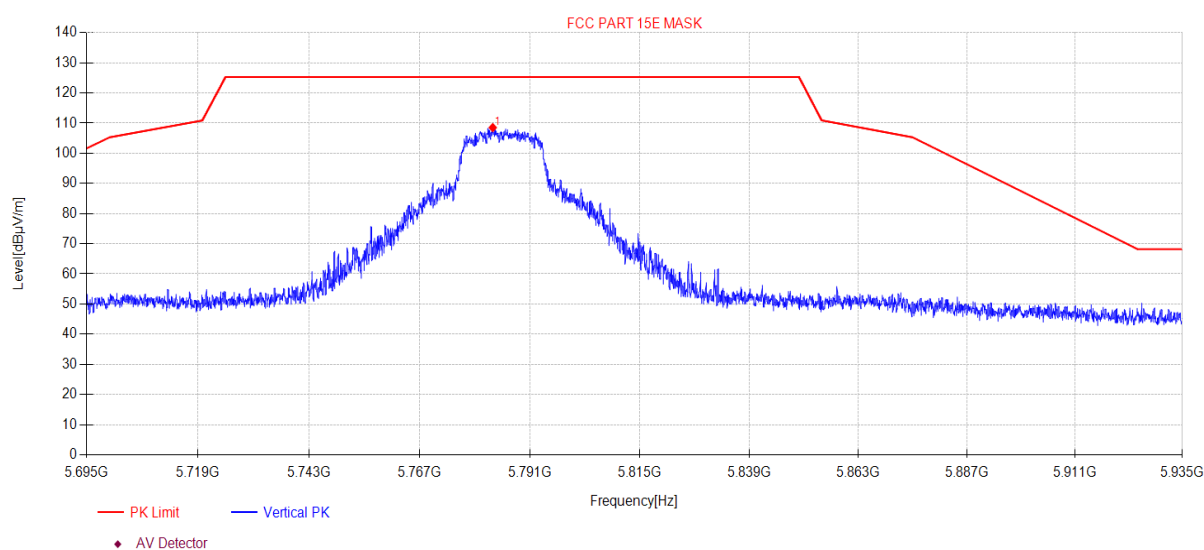
### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\28  
**Memo:** 11AC20 5785

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5782.84     | 111.30         | -2.78       | 108.52         | 125.30         | 16.78       | PK       | Vertical |

#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2022-12-14

Tested By:

Johnson Huang

EUT:

Wireless Bridge

Model Number:

RG-EST310 V2

Test Mode:

TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.1°C;Humi:53.5%;Press:100.3kPa

Test Site:

DDT 3# Chamber

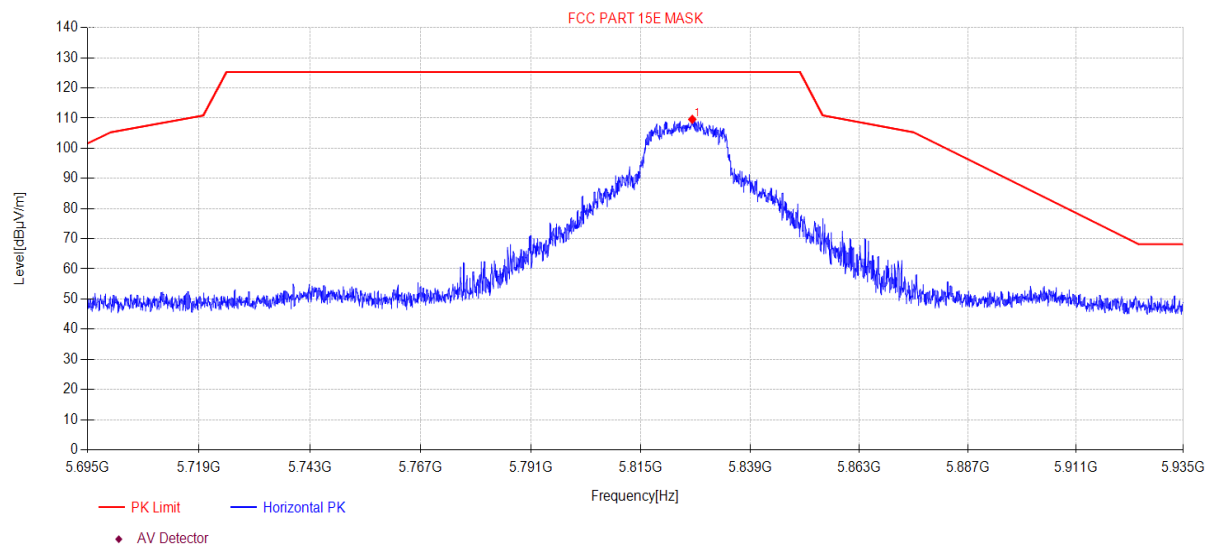
File Path:

d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\29

Memo:

11AC20 5825

Test Graph



| Suspected Data List |             |                |             |                |                |             |          |            |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5826.24     | 112.22         | -2.63       | 109.59         | 125.30         | 15.71       | PK       | Horizontal |

Note:

1. Level = Reading + Factor.

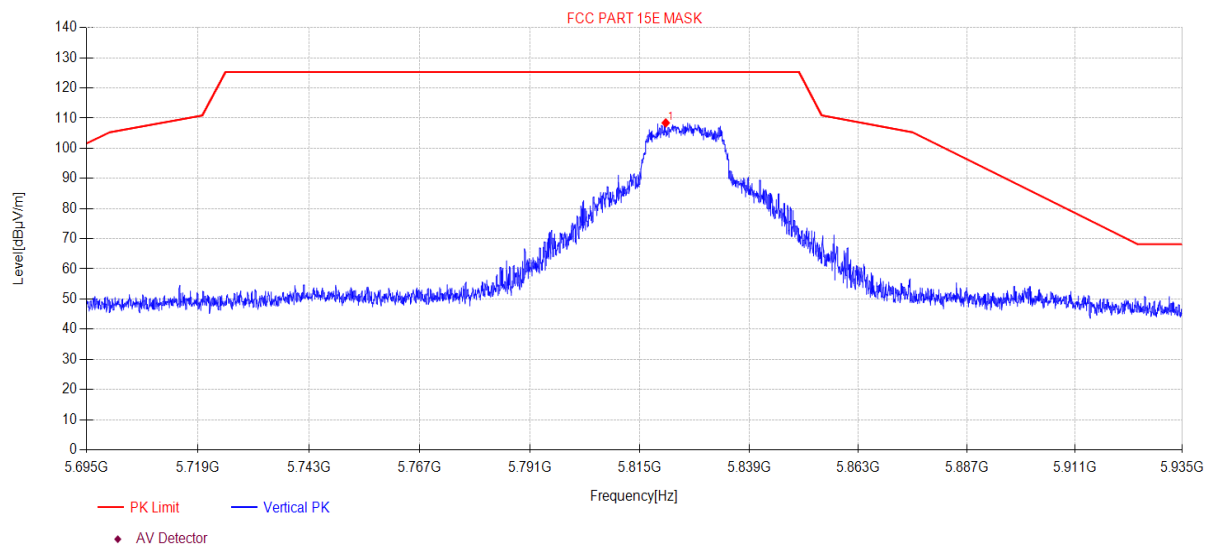
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\30  
**Memo:** 11AC20 5825

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5820.64     | 111.07         | -2.64       | 108.43         | 125.30         | 16.87       | PK       | Vertical |

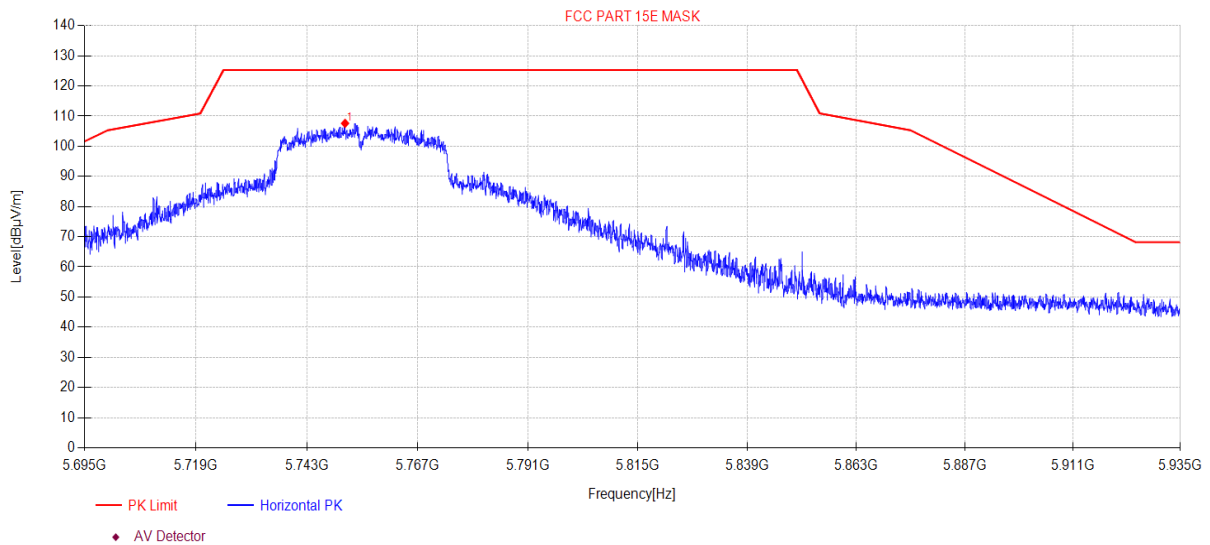
#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14**Tested By:** Johnson Huang**EUT:** Wireless Bridge**Model Number:** RG-EST310 V2**Test Mode:** TX Mode**Power Supply:** AC 120V/60Hz**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\31**Memo:** 11N40 5755

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5751.20     | 110.54         | -2.93       | 107.61         | 125.30         | 17.69       | PK       | Horizontal |

**Note:**

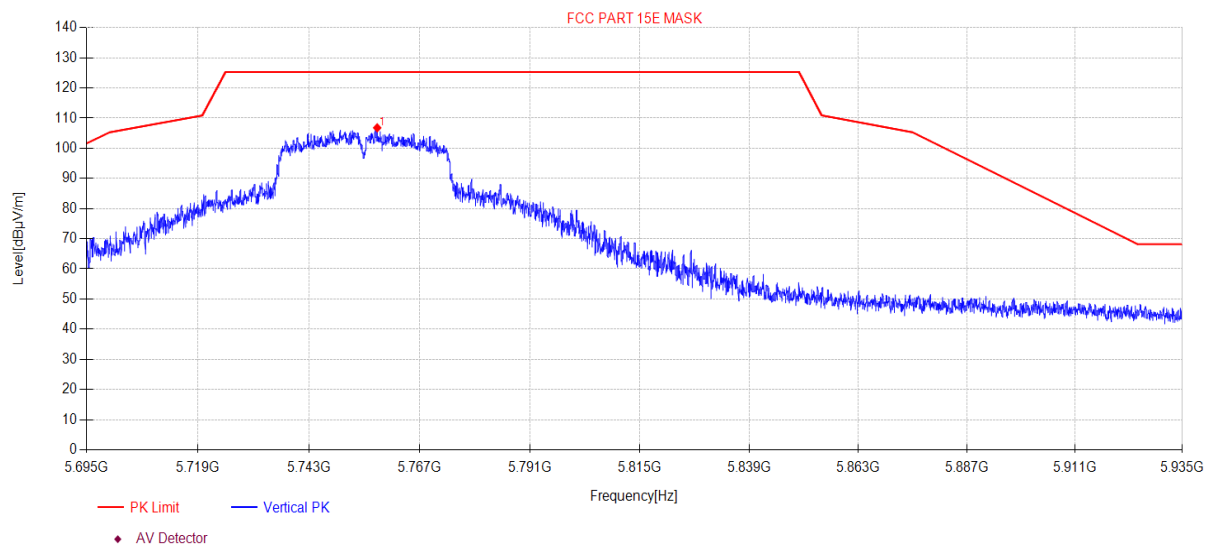
- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\32  
**Memo:** 11N40 5755

### Test Graph



| Suspected Data List |             |                |             |                |                |             |          |          |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5757.73     | 109.68         | -2.90       | 106.78         | 125.30         | 18.52       | PK       | Vertical |

### Note:

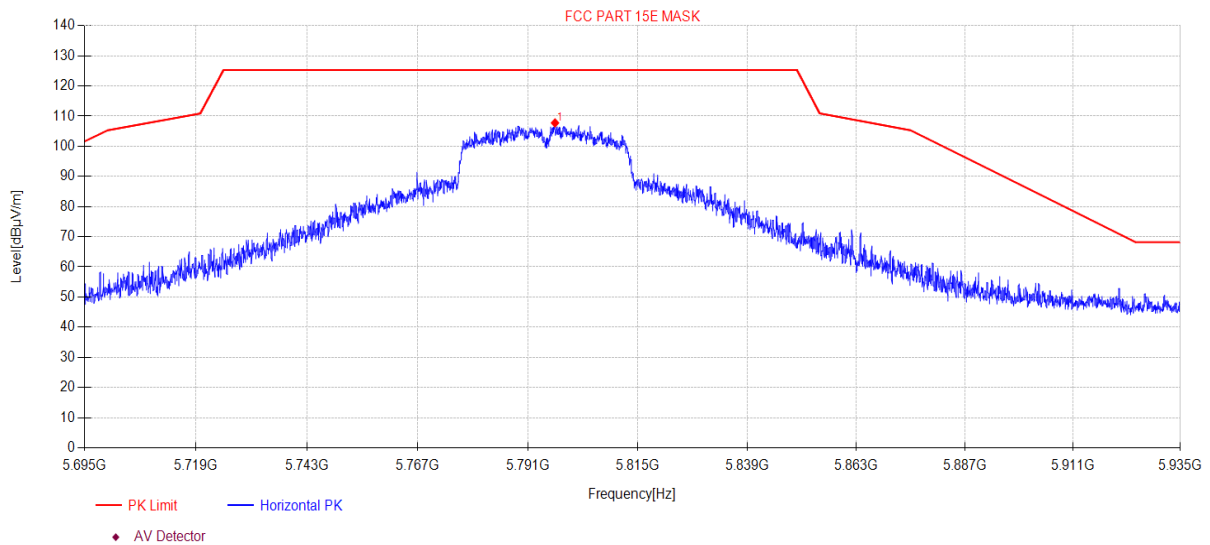
- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14  
**EUT:** Wireless Bridge  
**Test Mode:** TX Mode  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\33  
**Memo:** 11N40 5795

**Tested By:** Johnson Huang  
**Model Number:** RG-EST310 V2  
**Power Supply:** AC 120V/60Hz  
**Test Site:** DDT 3# Chamber

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5796.85     | 110.46         | -2.71       | 107.75         | 125.30         | 17.55       | PK       | Horizontal |

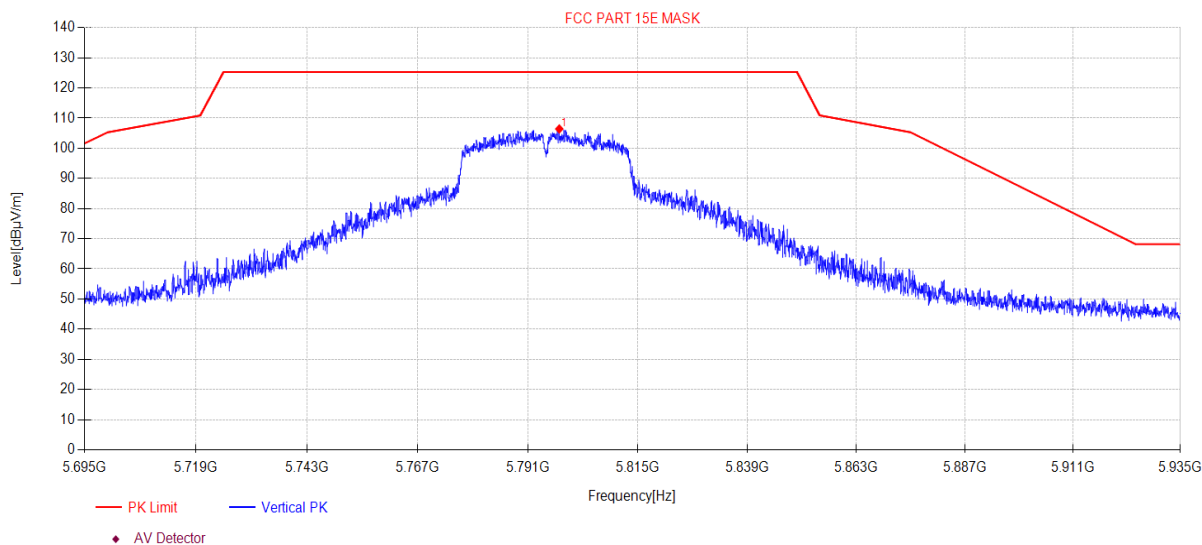
#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\34  
**Memo:** 11N40 5795

### Test Graph



| Suspected Data List |             |                |             |                |                |             |          |          |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5797.79     | 109.13         | -2.71       | 106.42         | 125.30         | 18.88       | PK       | Vertical |

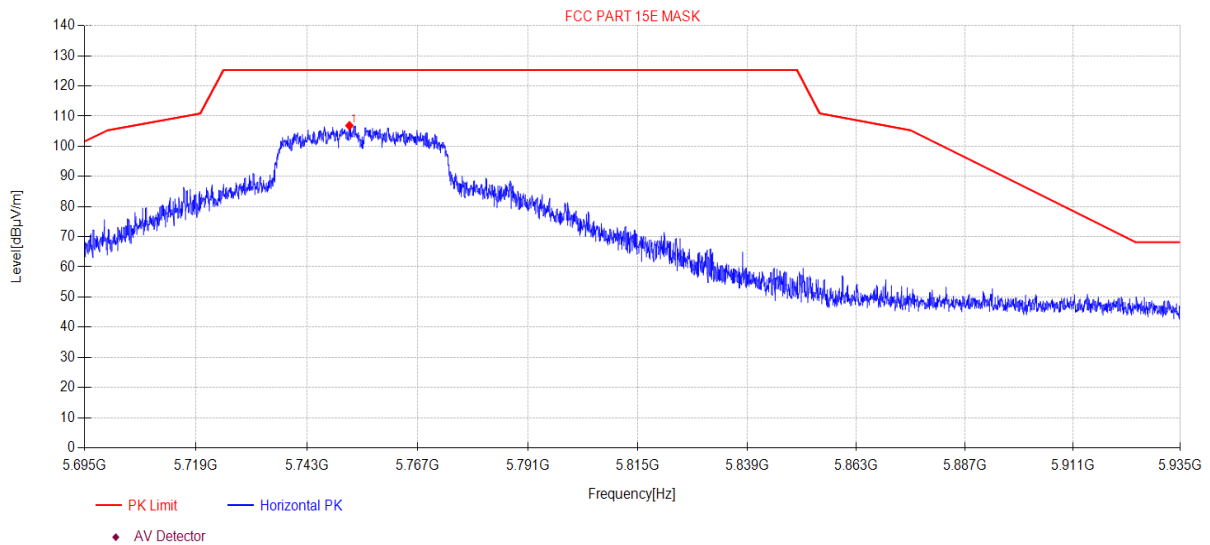
#### Note:

- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14**Tested By:** Johnson Huang**EUT:** Wireless Bridge**Model Number:** RG-EST310 V2**Test Mode:** TX Mode**Power Supply:** AC 120V/60Hz**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\35**Memo:** 11AC40 5755

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5752.14     | 109.78         | -2.92       | 106.86         | 125.30         | 18.44       | PK       | Horizontal |

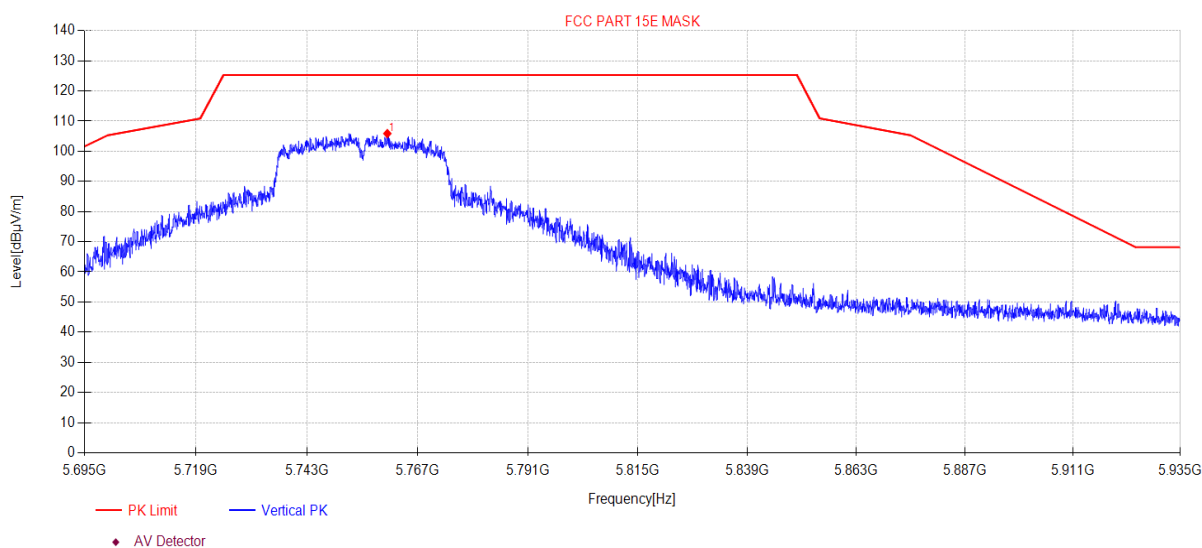
Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14**Tested By:** Johnson Huang**EUT:** Wireless Bridge**Model Number:** RG-EST310 V2**Test Mode:** TX Mode**Power Supply:** AC 120V/60Hz**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\36**Memo:** 11AC40 5755

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| 1   | 5760.37     | 108.77         | -2.89       | 105.88         | 125.30         | 19.42       | PK       | Vertical |

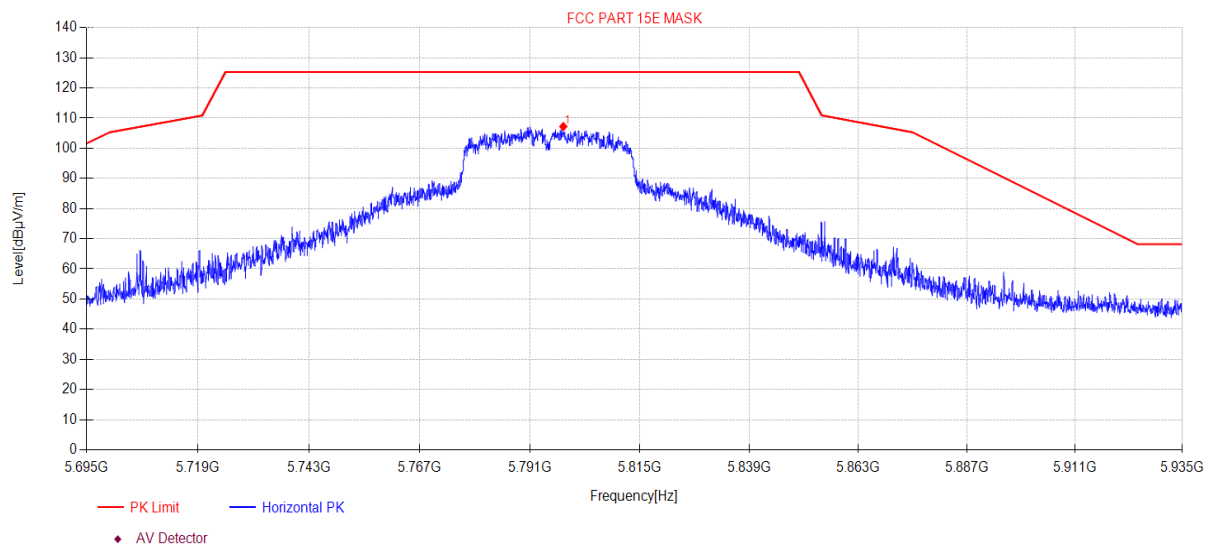
**Note:**

- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\37  
**Memo:** 11AC40 5795

### Test Graph



### Suspected Data List

| NO. | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
|-----|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| 1   | 5798.23     | 109.92         | -2.71       | 107.21         | 125.30         | 18.09       | PK       | Horizontal |

#### Note:

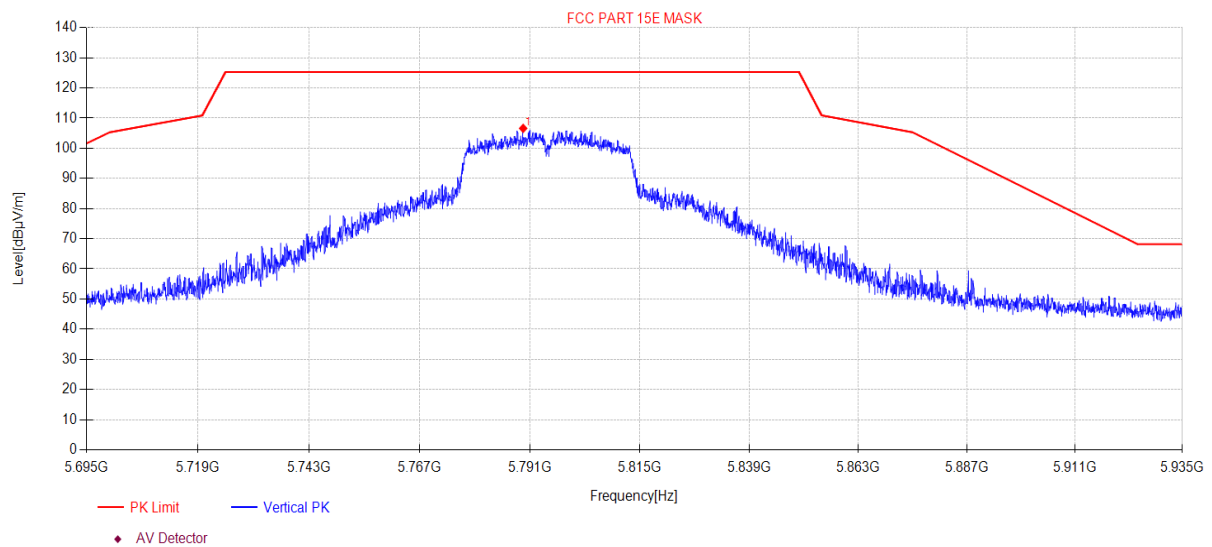
1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST310 V2  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:23.1°C;Humi:53.5%;Press:100.3kPa      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\38  
**Memo:** 11AC40 5795

### Test Graph



| Suspected Data List |             |                |             |                |                |             |          |          |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5789.46     | 109.35         | -2.74       | 106.61         | 125.30         | 18.69       | PK       | Vertical |

#### Note:

1. Level = Reading + Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2022-12-14

Tested By:

Johnson Huang

EUT:

Wireless Bridge

Model Number:

RG-EST310 V2

Test Mode:

TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.1°C;Humi:53.5%;Press:100.3kPa

Test Site:

DDT 3# Chamber

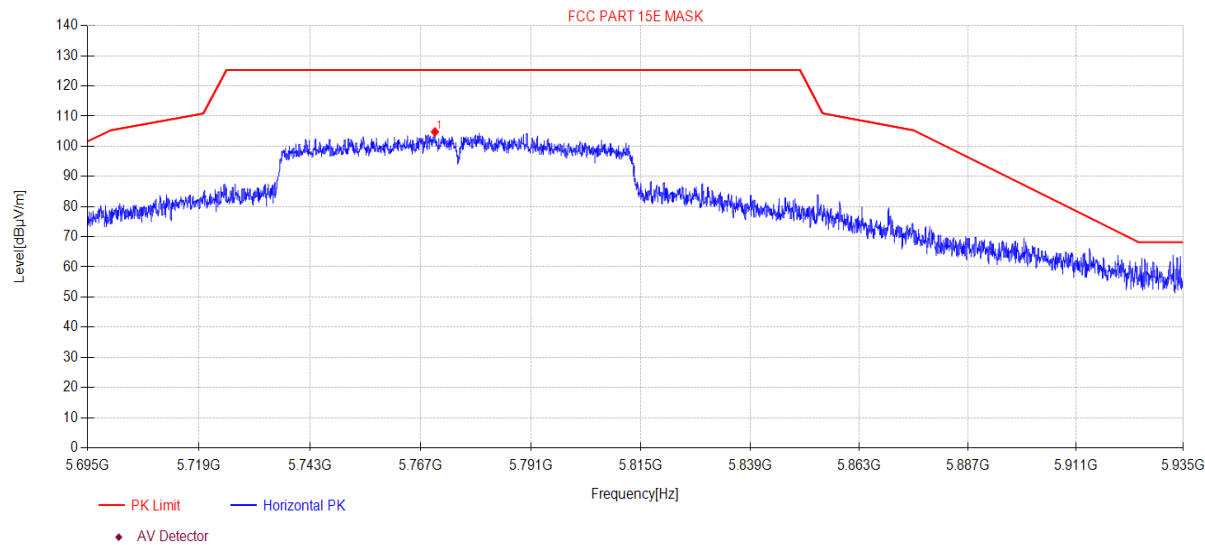
File Path:

d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\39

Memo:

11AC80 5775

Test Graph



| Suspected Data List |             |                |             |                |                |             |          |            |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5770.04     | 107.63         | -2.84       | 104.79         | 125.30         | 20.51       | PK       | Horizontal |

Note:

- Level = Reading + Factor.
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2022-12-14

Tested By:

Johnson Huang

EUT:

Wireless Bridge

Model Number:

RG-EST310 V2

Test Mode:

TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.1°C;Humi:53.5%;Press:100.3kPa

Test Site:

DDT 3# Chamber

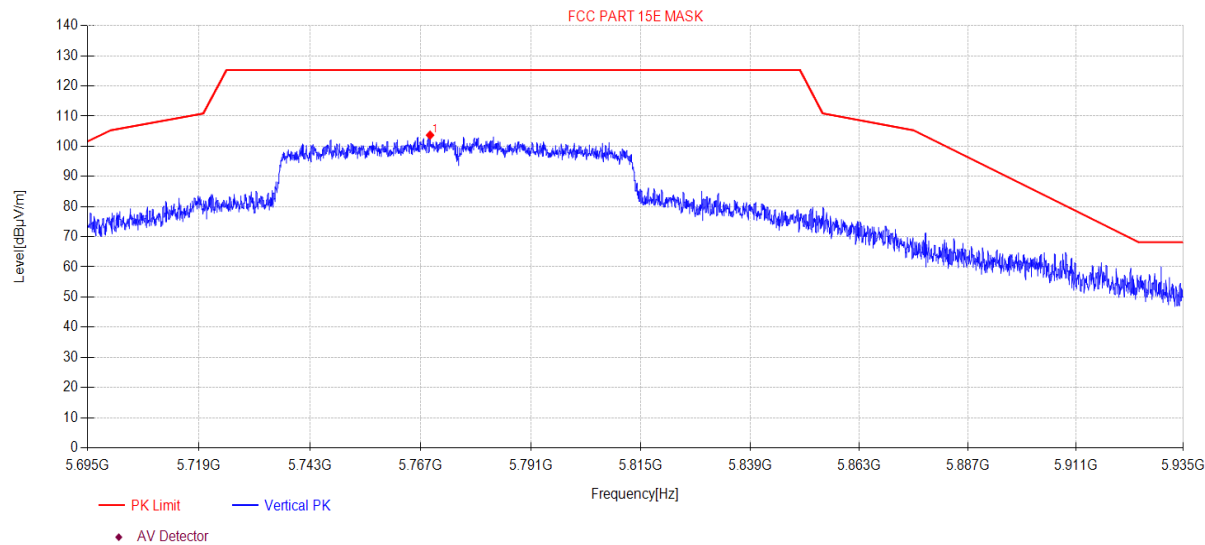
File Path:

d:\ts\2022 report data\Q22112913-2E RG-EST310 V2\FCC BAND4\40

Memo:

11AC80 5775

Test Graph



| Suspected Data List |             |                |             |                |                |             |          |          |
|---------------------|-------------|----------------|-------------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5768.98     | 106.53         | -2.84       | 103.69         | 125.30         | 21.61       | PK       | Vertical |

- Note:
1. Level = Reading + Factor.

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

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## **13. Antenna Requirements**

### **13.1. Limit**

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

### **13.2. Result**

The antenna used for this product and no antenna other than that furnished by the responsible party shall be used with the device, maximum antenna ANT1 gain is 11.86 dBi and maximum antenna ANT2 gain is 11.86 dBi.

## 15. Photos of the EUT

Please refer to appendix I.

END OF REPORT