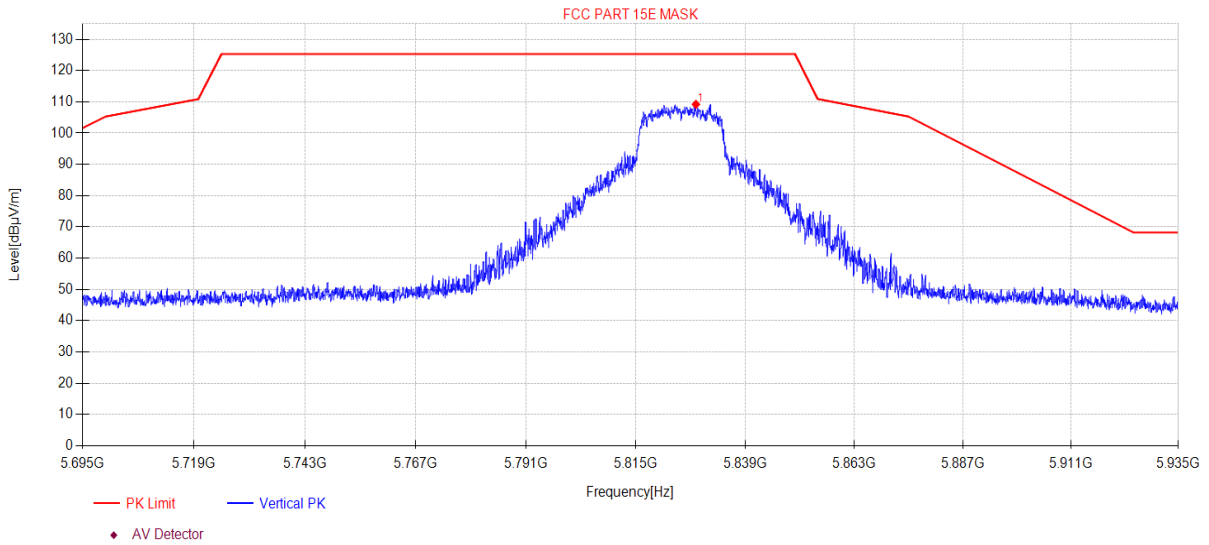


# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST350 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\Q22112912-2E RG-EST350 V2\FCC ABOVE 1G BAND4\22  
**Memo:** 11AC20 5825

## Test Graph



Suspected Data List										
NO	Freq. [MHz]	Reading [dBµV]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5828.14	111.82	4.39	33.76	-40.77	109.20	125.30	16.10	PK	Vertical

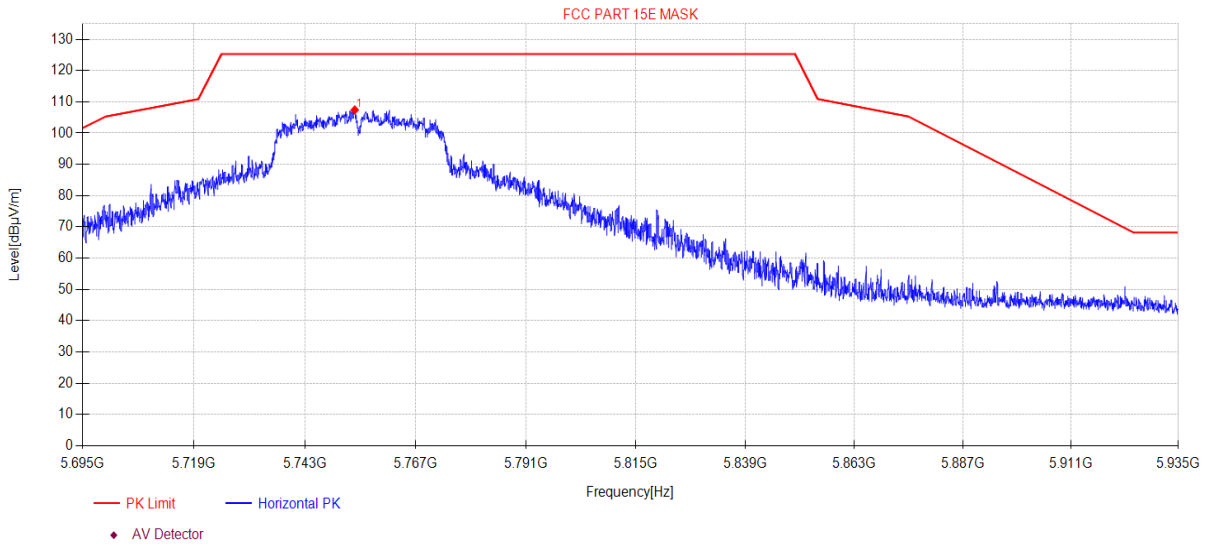
**Note:**

1. Level = Reading + Cable loss + Antenna Factor + AMP
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-EST350 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\Q22112912-2E RG-EST350 V2\FCC ABOVE 1G BAND4\23  
**Memo:** 11AC40 5755

## Test Graph



Suspected Data List										
NO	Freq. [MHz]	Reading [dBµV]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5753.72	110.33	4.37	33.51	-40.80	107.41	125.30	17.89	PK	Horizontal

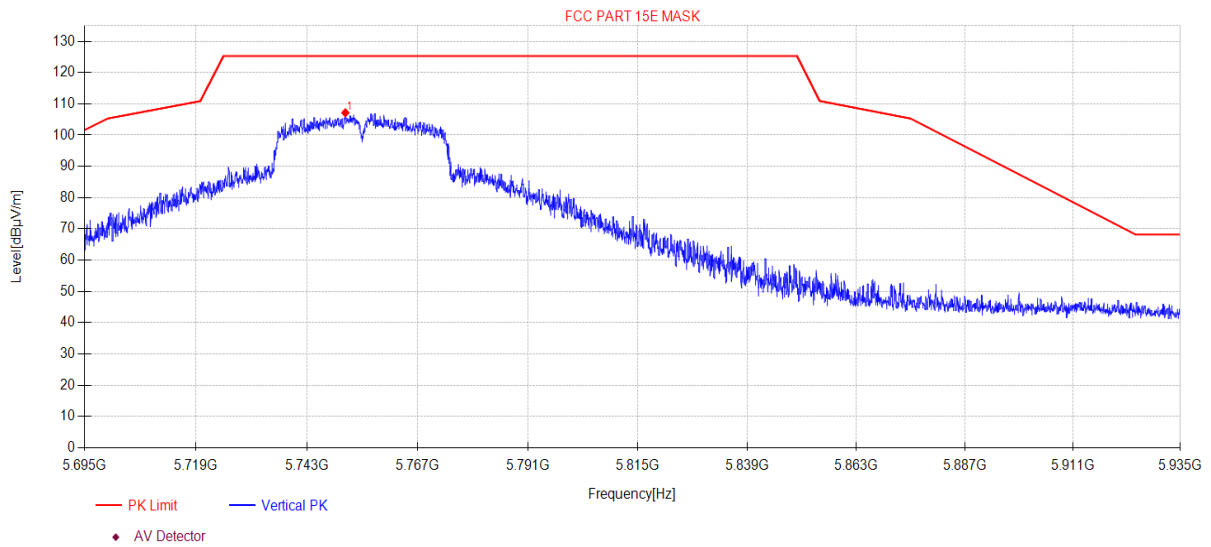
**Note:**

1. Level = Reading + Cable loss + Antenna Factor + AMP
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-EST350 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\Q22112912-2E RG-EST350 V2\FCC ABOVE 1G BAND4\24  
**Memo:** 11AC40 5755

## Test Graph



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5751.26	110.06	4.37	33.51	-40.80	107.14	125.30	18.16	PK	Vertical

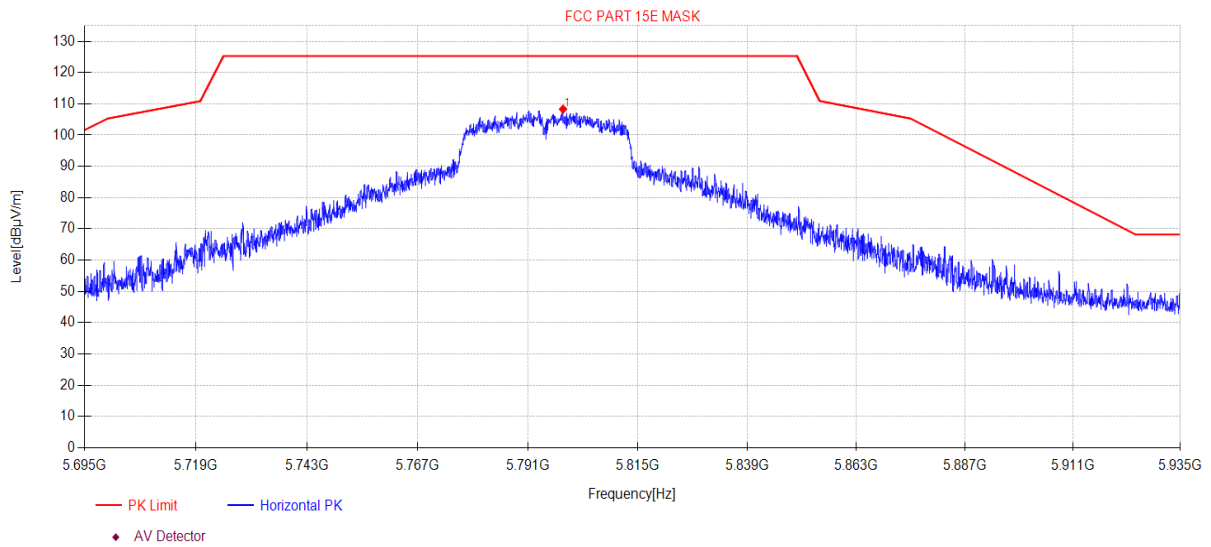
**Note:**

- Level = Reading + Cable loss + Antenna Factor + AMP
- 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-EST350 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\Q22112912-2E RG-EST350 V2\FCC ABOVE 1G BAND4\25  
**Memo:** 11AC40 5795

## Test Graph



Suspected Data List										
NO	Freq. [MHz]	Reading [dBµV]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5798.61	111.02	4.38	33.69	-40.78	108.31	125.30	16.99	PK	Horizontal

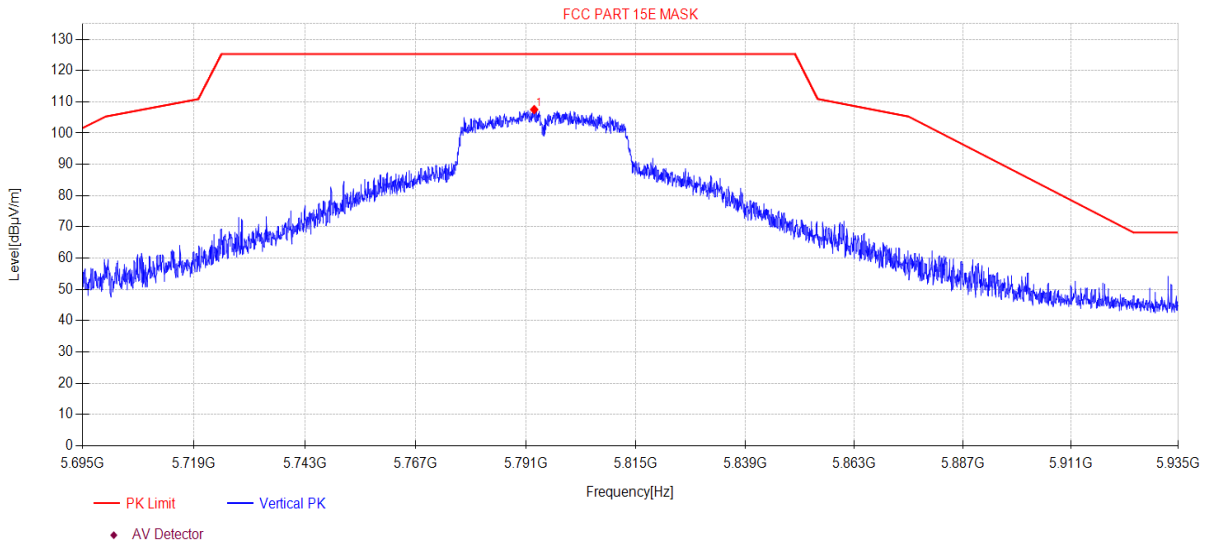
**Note:**

1. Level = Reading + Cable loss + Antenna Factor + AMP
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-EST350 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\Q22112912-2E RG-EST350 V2\FCC ABOVE 1G BAND4\26  
**Memo:** 11AC40 5795

## Test Graph



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5792.75	110.26	4.38	33.67	-40.78	107.53	125.30	17.77	PK	Vertical

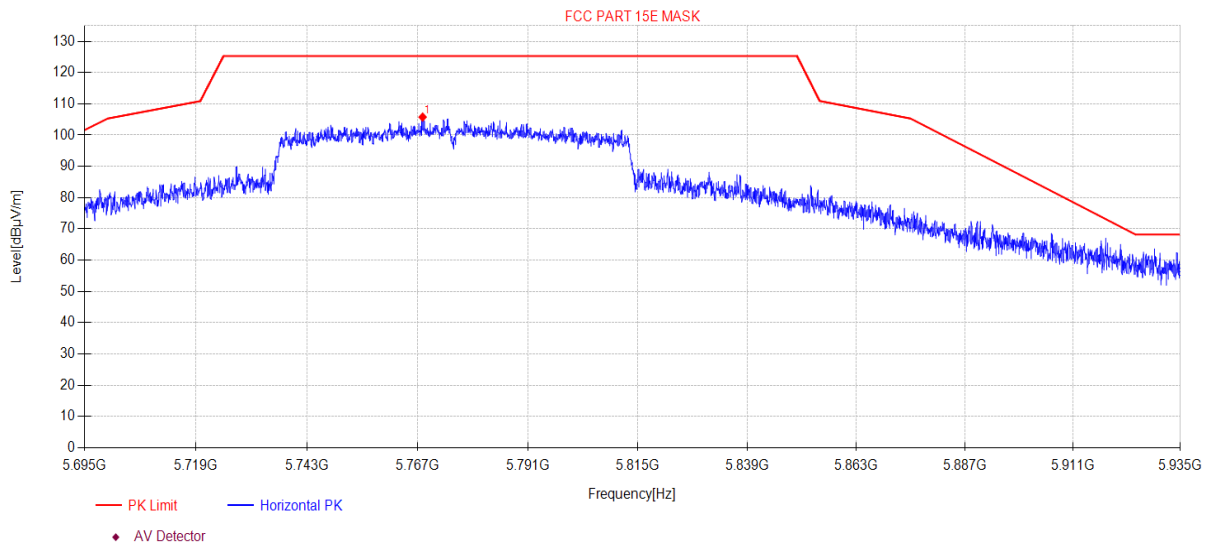
**Note:**

1. Level = Reading + Cable loss + Antenna Factor + AMP
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-EST350 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\Q22112912-2E RG-EST350 V2\FCC ABOVE 1G BAND4\27  
**Memo:** 11AC80 5775

## Test Graph



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5768.02	108.62	4.37	33.57	-40.79	105.77	125.30	19.53	PK	Horizontal

**Note:**

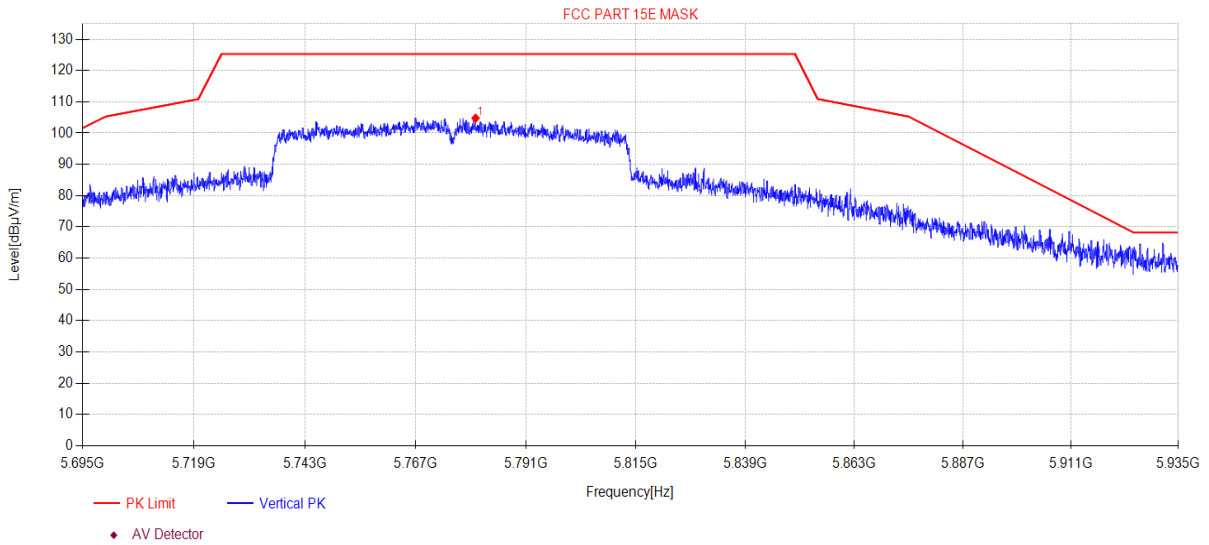
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



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

**Test Date:** 2022-12-14      **Tested By:** Johnson Huang  
**EUT:** Wireless Bridge      **Model Number:** RG-EST350 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\Q22112912-2E RG-EST350 V2\FCC ABOVE 1G BAND4\28  
**Memo:** 11AC80 5775

## Test Graph



Suspected Data List										
NO	Freq. [MHz]	Reading [dBµV]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5779.97	107.57	4.38	33.62	-40.79	104.78	125.30	20.52	PK	Vertical

**Note:**

1. Level = Reading + Cable loss + Antenna Factor + AMP
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 16.13 dBi and maximum antenna ANT2 gain is 15.33 dBi.



## 15. Photos of the EUT

Please refer to appendix I.

**END OF REPORT**