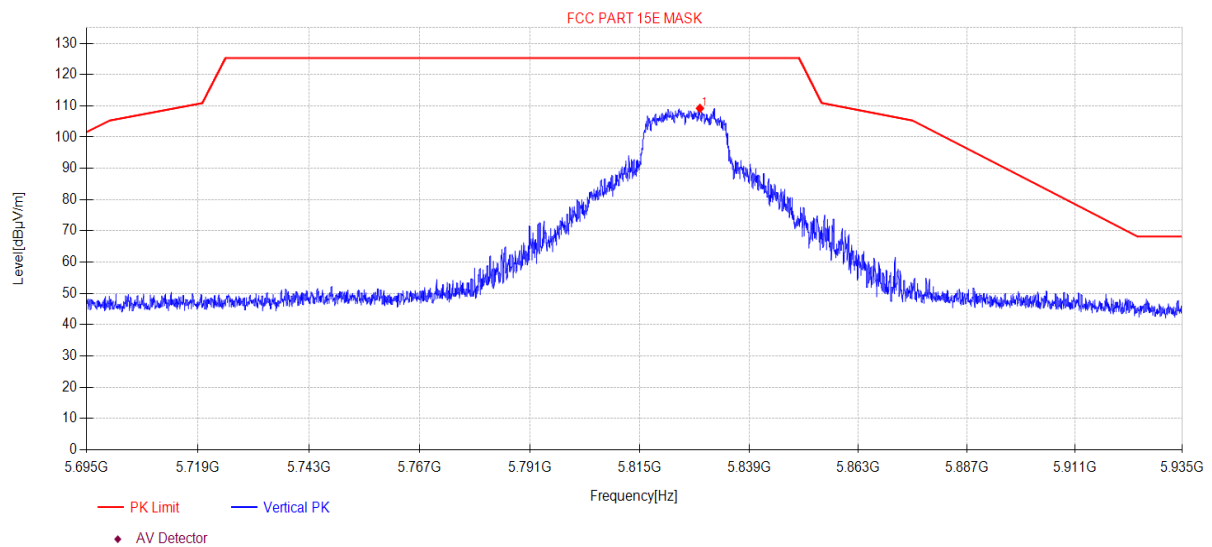


TR-4-E-009 Radiated Emission Test Result

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:

- 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

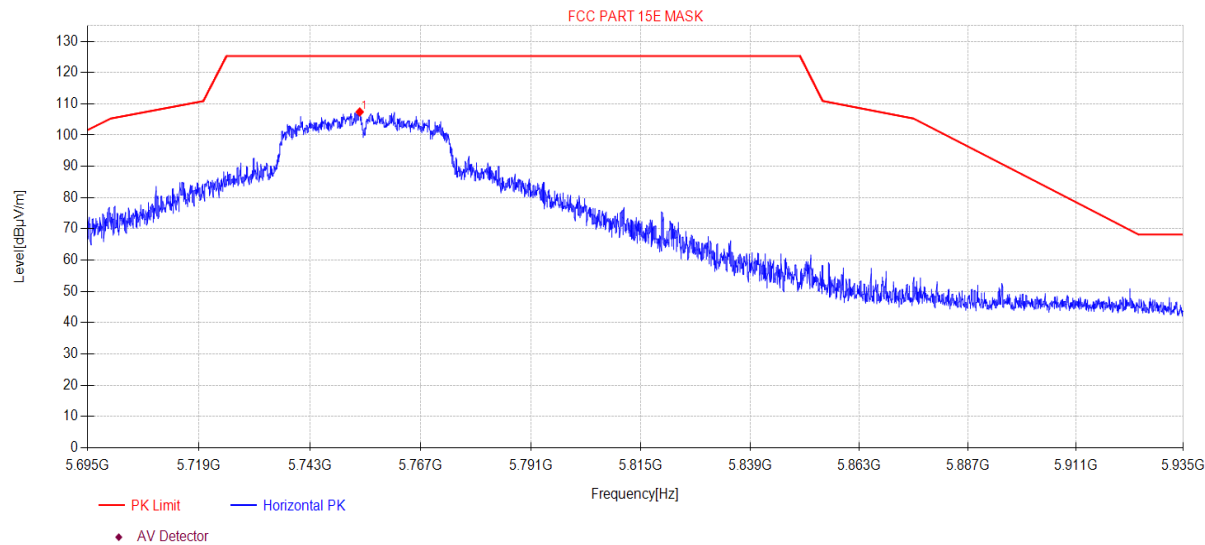
File Path:

d:\ts\2022 report data\Q22112912-2E RG-EST350 V2\FCC ABOVE 1G BAND4\23

Memo:

11AC40 5755

Test Graph



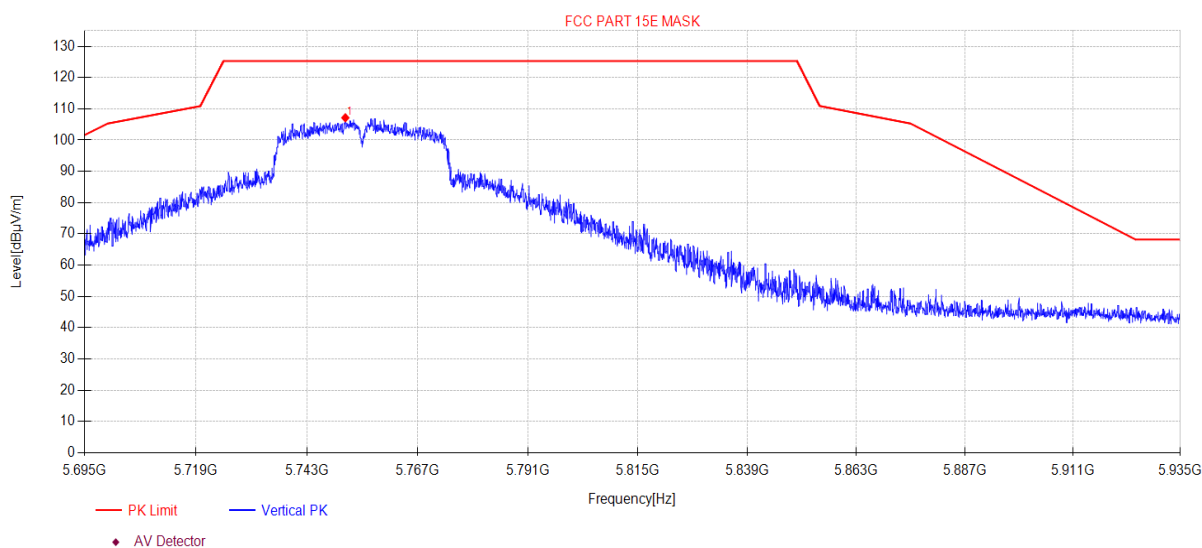
Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5753.72	110.33	4.37	33.51	-40.80	107.41	125.30	17.89	PK	Horizontal

- Note:
- 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\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

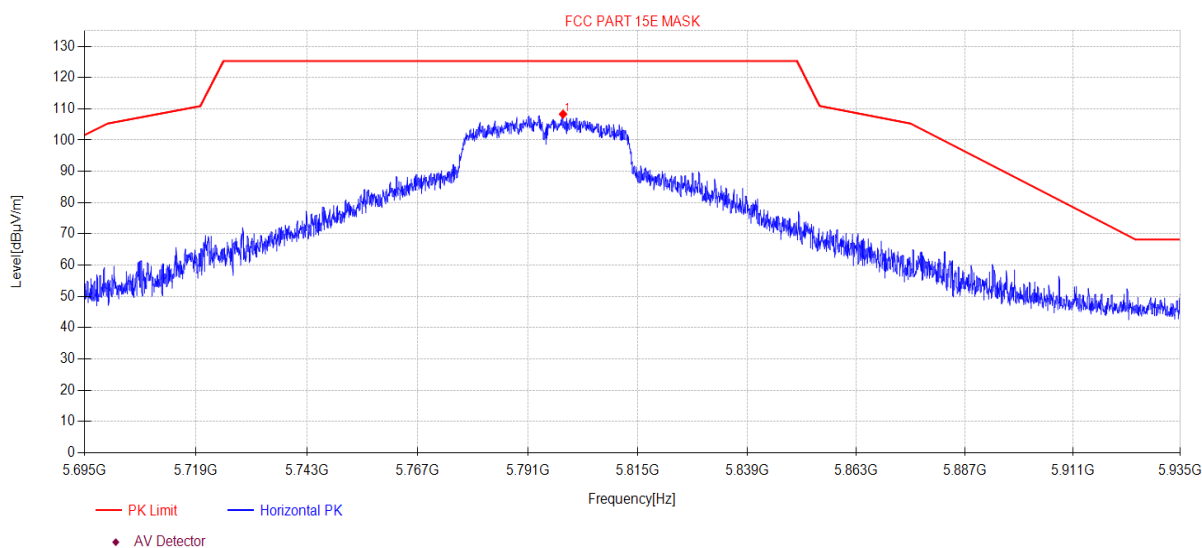
Note:

- 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

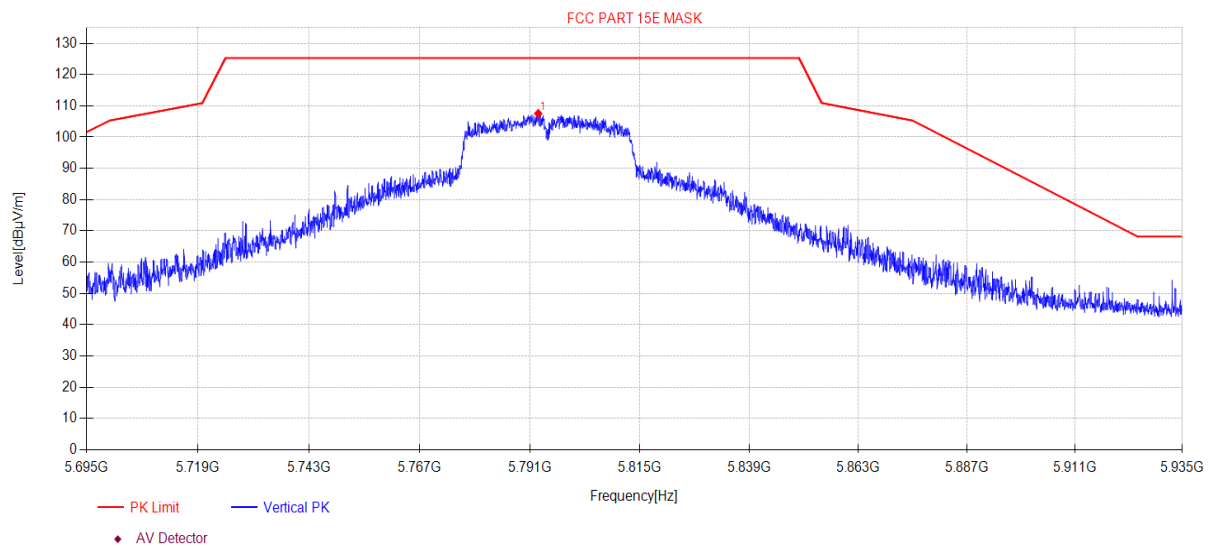
Note:

- 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\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

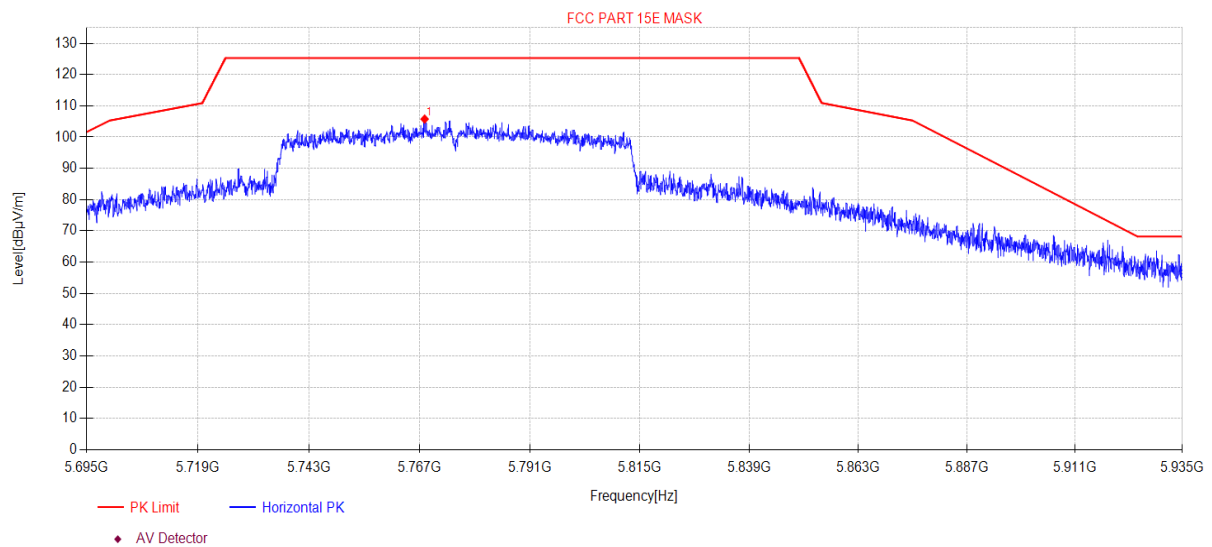
Note:

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

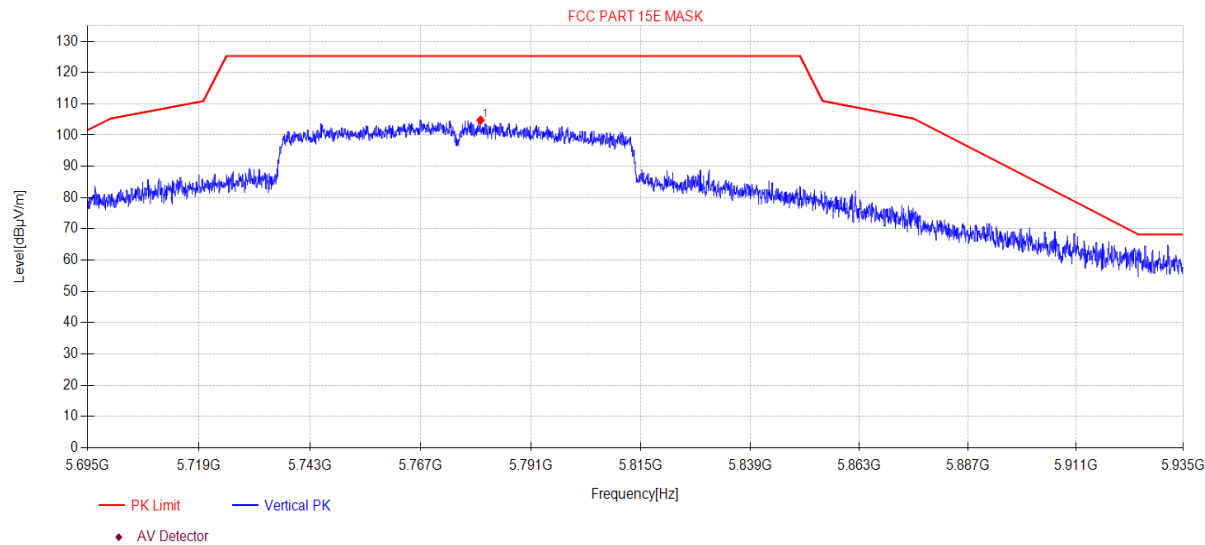
Note:

- 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\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