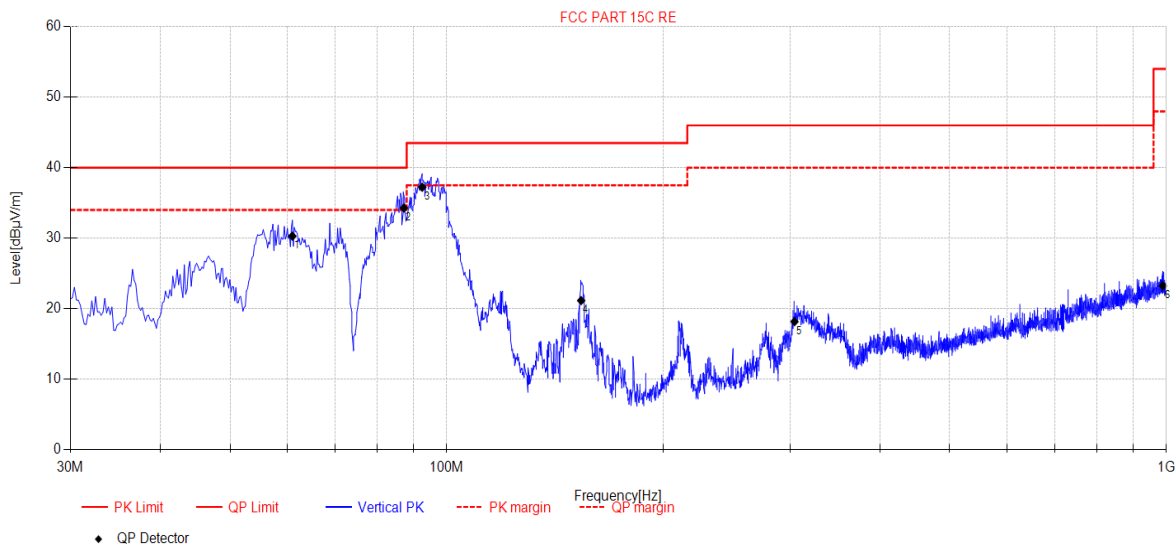


TR-4-E-009 Radiated Emission Test Result

Test Date: 2022-12-08 **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 BELOW 1G\20221208-101134_V
Memo: 5G WIFI



Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	61.04	50.02	-19.73	30.29	40.00	9.71	QP	Vertical
2	87.23	56.69	-22.41	34.28	40.00	5.72	QP	Vertical
3	92.47	58.37	-21.14	37.23	43.50	6.27	QP	Vertical
4	153.77	44.07	-22.92	21.15	43.50	22.35	QP	Vertical
5	304.32	34.81	-16.65	18.16	46.00	27.84	QP	Vertical
6	988.94	26.92	-3.68	23.24	54.00	30.76	QP	Vertical

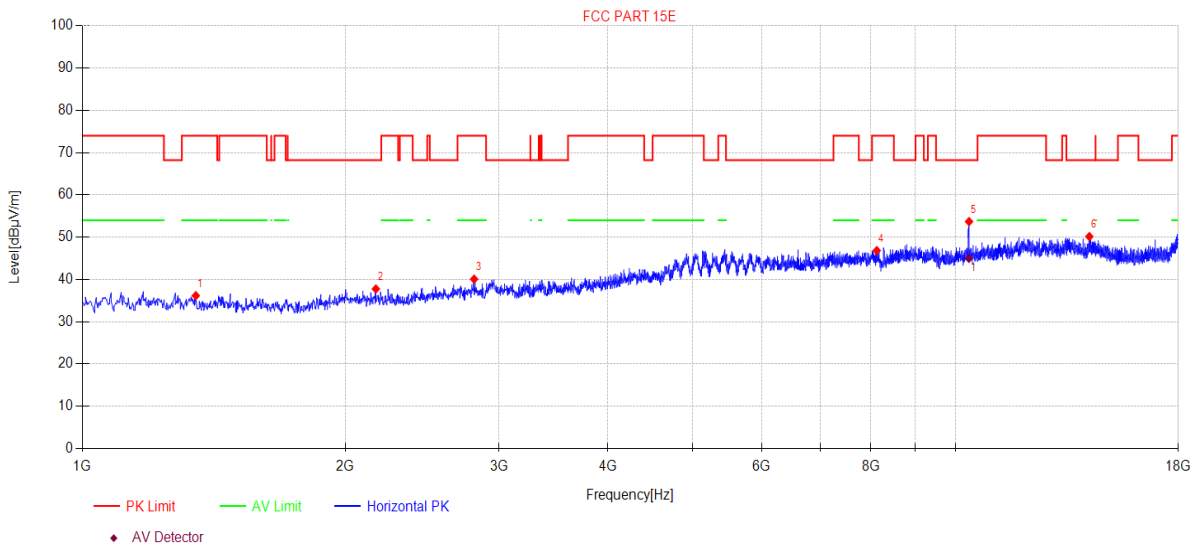
Note:

1. Result Level = Read Level + Factor
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Radiated Emission test (above 1GHz) 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\174
Memo: 11A 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1348.68	47.55	-11.38	36.17	74.00	37.83	PK	Horizontal
2	2168.48	48.04	-10.28	37.76	68.20	30.44	PK	Horizontal
3	2809.79	48.89	-8.82	40.07	74.00	33.93	PK	Horizontal
4	8125.02	46.05	0.79	46.84	74.00	27.16	PK	Horizontal
5	10364.42	50.80	2.88	53.68	68.20	14.52	PK	Horizontal
6	14235.14	44.14	6.00	50.14	68.20	18.06	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10359.49	42.10	2.88	44.98	52.77	7.79	AV	Horizontal

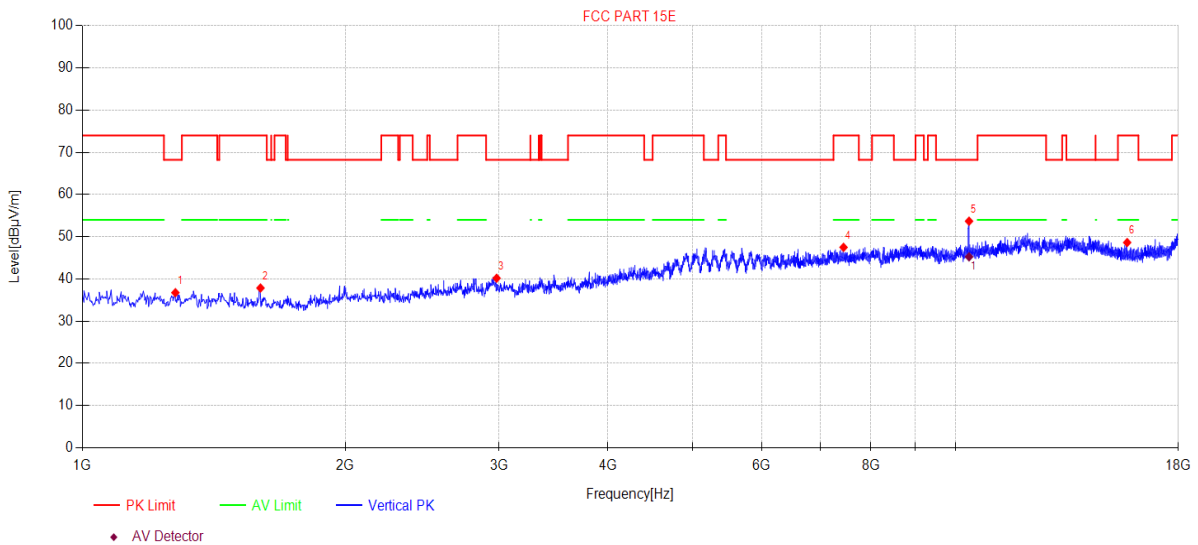
Note:

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\175
Memo: 11A 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1278.11	48.04	-11.29	36.75	68.20	31.45	PK	Vertical
2	1599.80	49.64	-11.79	37.85	74.00	36.15	PK	Vertical
3	2982.05	48.27	-8.09	40.18	68.20	28.02	PK	Vertical
4	7444.27	47.55	-0.06	47.49	74.00	26.51	PK	Vertical
5	10364.42	50.80	2.88	53.68	68.20	14.52	PK	Vertical
6	15727.38	43.99	4.64	48.63	74.00	25.37	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10364.50	42.36	2.88	45.24	52.80	7.56	AV	Vertical

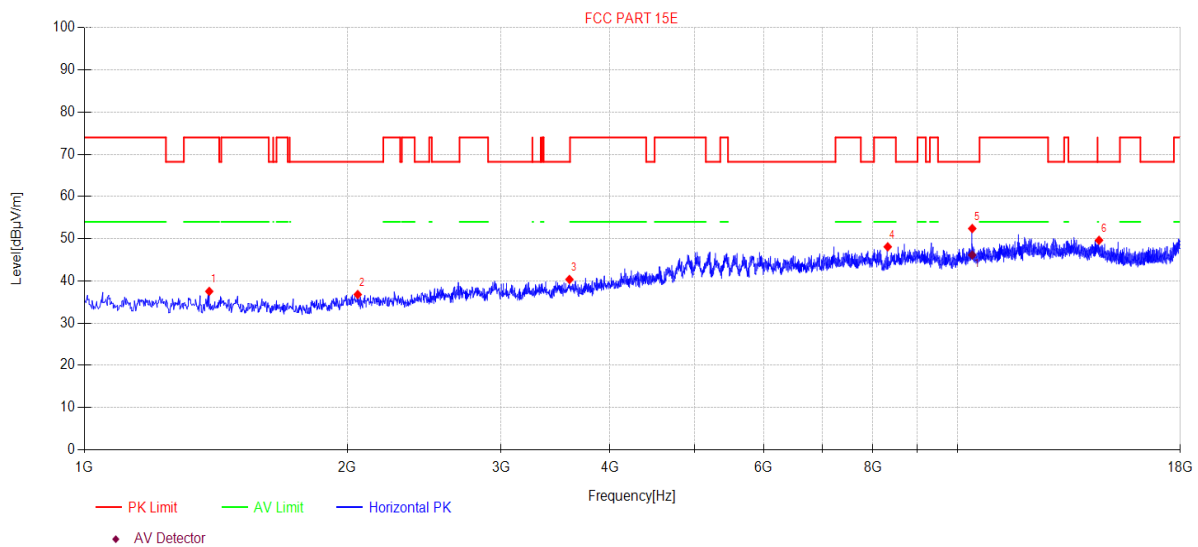
Note:

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: 2022-12-10 **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\176
Memo: 11A 5200

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1390.18	48.95	-11.42	37.53	74.00	36.47	PK	Horizontal
2	2056.40	47.37	-10.58	36.79	68.20	31.41	PK	Horizontal
3	3594.31	48.47	-8.12	40.35	68.20	27.85	PK	Horizontal
4	8320.11	46.83	1.26	48.09	74.00	25.91	PK	Horizontal
5	10397.63	49.53	2.89	52.42	68.20	15.78	PK	Horizontal
6	14525.70	43.67	5.96	49.63	68.20	18.57	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10397.54	43.26	2.89	46.15	52.97	6.82	AV	Horizontal

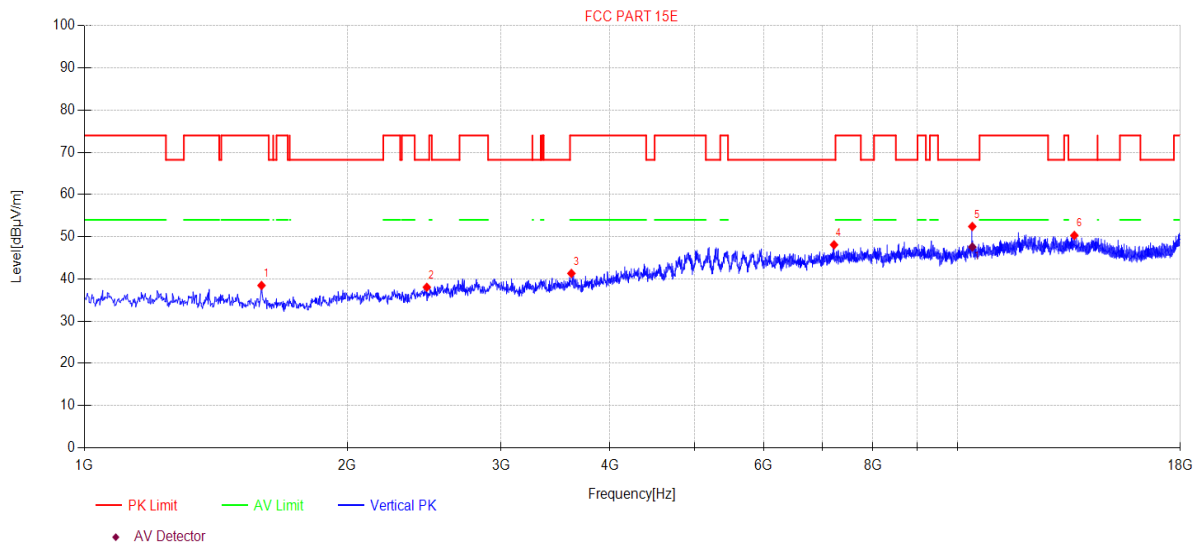
Note:

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\177
Memo: 11A 5200

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1595.65	50.24	-11.79	38.45	74.00	35.55	PK	Vertical
2	2467.34	47.80	-9.76	38.04	68.20	30.16	PK	Vertical
3	3612.99	49.41	-8.10	41.31	74.00	32.69	PK	Vertical
4	7222.20	48.22	-0.13	48.09	68.20	20.11	PK	Vertical
5	10399.71	49.54	2.89	52.43	68.20	15.77	PK	Vertical
6	13610.43	44.66	5.65	50.31	68.20	17.89	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10399.45	44.68	2.89	47.57	52.98	5.41	AV	Vertical

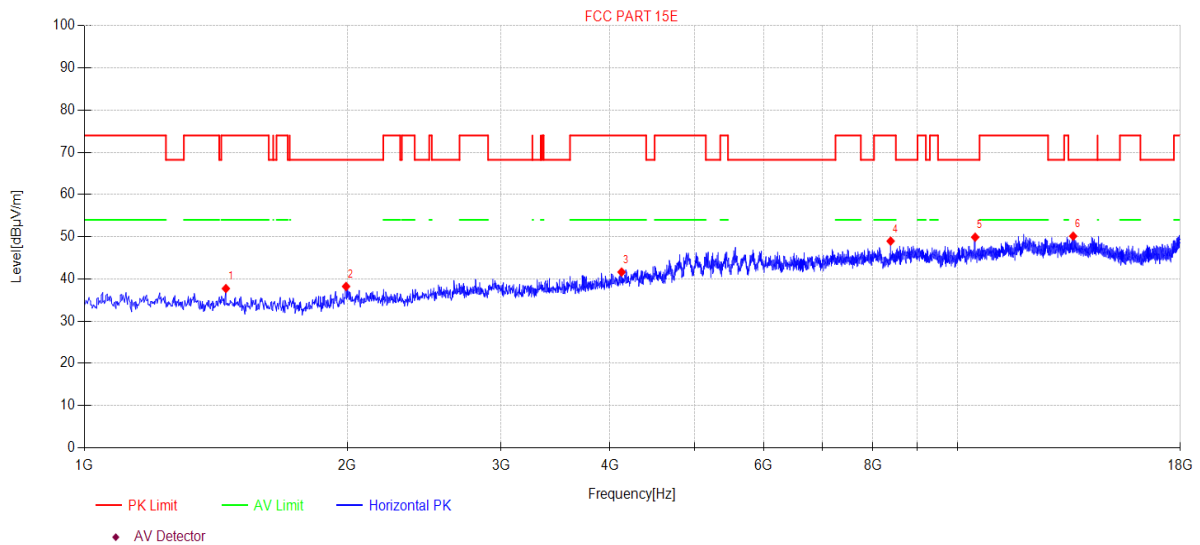
Note:

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\178
Memo: 11A 5240

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1452.45	49.19	-11.47	37.72	74.00	36.28	PK	Horizontal
2	1994.14	49.19	-10.96	38.23	68.20	29.97	PK	Horizontal
3	4123.55	48.54	-6.91	41.63	74.00	32.37	PK	Horizontal
4	8384.45	47.55	1.41	48.96	74.00	25.04	PK	Horizontal
5	10478.57	46.89	3.00	49.89	68.20	18.31	PK	Horizontal
6	13568.92	44.51	5.64	50.15	68.20	18.05	PK	Horizontal

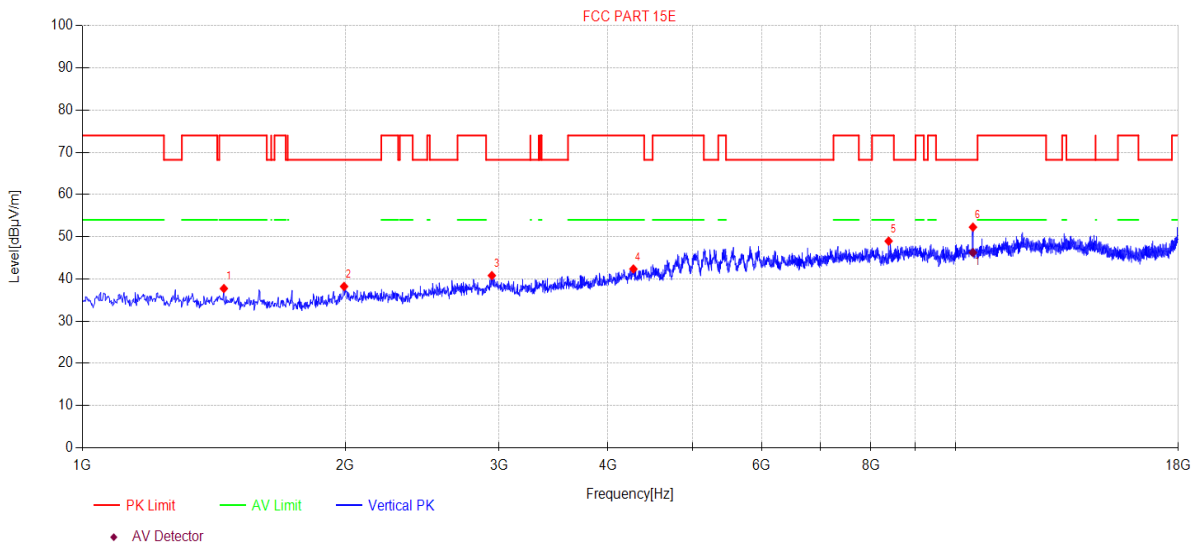
Note:

- 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: 2022-12-10 **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\179
Memo: 11A 5240

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1452.45	49.19	-11.47	37.72	74.00	36.28	PK	Vertical
2	1994.14	49.19	-10.96	38.23	68.20	29.97	PK	Vertical
3	2944.70	49.05	-8.25	40.80	68.20	27.40	PK	Vertical
4	4277.13	48.62	-6.26	42.36	74.00	31.64	PK	Vertical
5	8384.45	47.55	1.41	48.96	74.00	25.04	PK	Vertical
6	10472.35	49.28	2.99	52.27	68.20	15.93	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10472.14	43.26	2.99	46.25	53.35	7.10	AV	Vertical

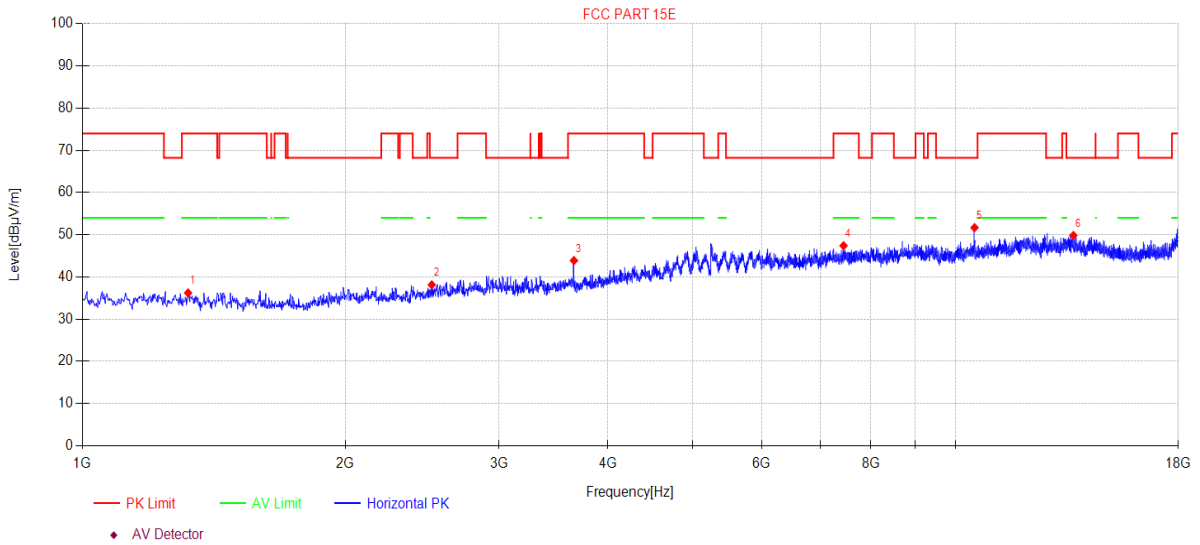
Note:

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\180
Memo: 11A 5260

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1321.69	47.57	-11.36	36.21	74.00	37.79	PK	Horizontal
2	2513.00	47.71	-9.58	38.13	68.20	30.07	PK	Horizontal
3	3656.57	51.91	-8.03	43.88	74.00	30.12	PK	Horizontal
4	7444.27	47.46	-0.06	47.40	74.00	26.60	PK	Horizontal
5	10515.93	48.62	3.05	51.67	68.20	16.53	PK	Horizontal
6	13647.78	44.17	5.66	49.83	68.20	18.37	PK	Horizontal

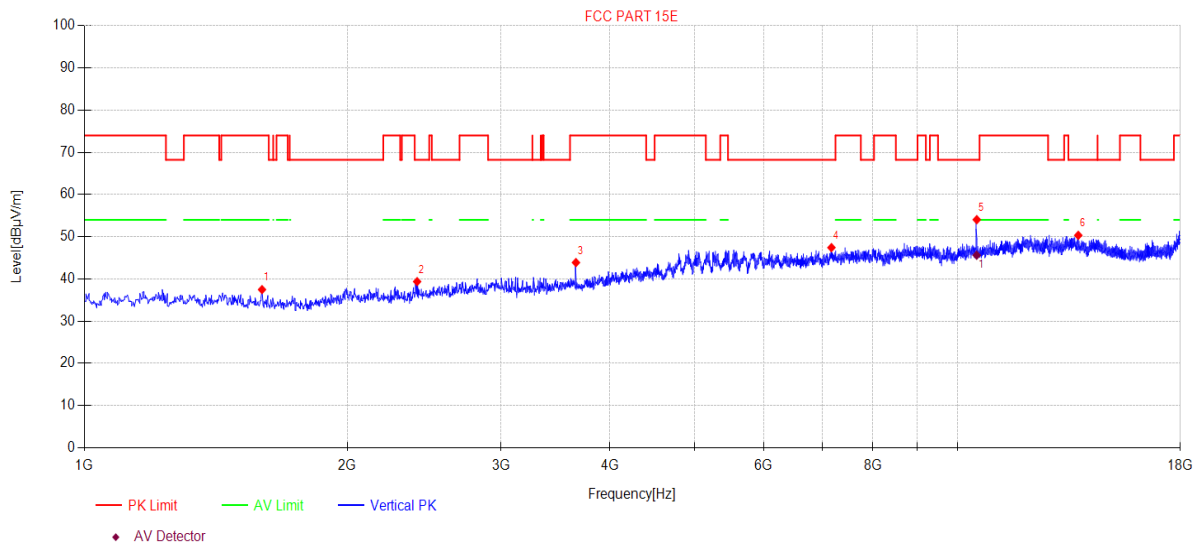
Note:

- 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: 2022-12-10 **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\181
Memo: 11A 5260

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1597.73	49.27	-11.79	37.48	74.00	36.52	PK	Vertical
2	2405.08	49.30	-9.93	39.37	68.20	28.83	PK	Vertical
3	3656.57	51.91	-8.03	43.88	74.00	30.12	PK	Vertical
4	7172.38	47.63	-0.21	47.42	68.20	20.78	PK	Vertical
5	10522.16	51.00	3.05	54.05	68.20	14.15	PK	Vertical
6	13751.56	44.70	5.63	50.33	68.20	17.87	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10518.96	42.57	3.05	45.62	53.59	7.97	AV	Vertical

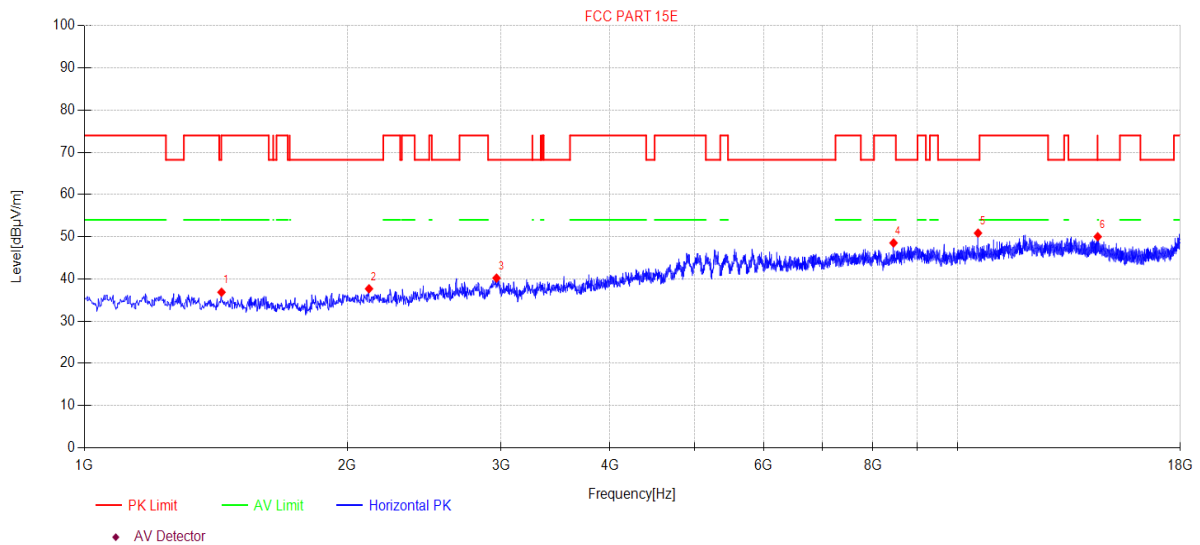
Note:

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\182
Memo: 11A 5280

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1435.84	48.31	-11.46	36.85	74.00	37.15	PK	Horizontal
2	2118.67	48.03	-10.36	37.67	68.20	30.53	PK	Horizontal
3	2965.45	48.37	-8.17	40.20	68.20	28.00	PK	Horizontal
4	8448.79	46.89	1.63	48.52	74.00	25.48	PK	Horizontal
5	10557.44	47.76	3.10	50.86	68.20	17.34	PK	Horizontal
6	14475.89	44.02	5.98	50.00	74.00	24.00	PK	Horizontal

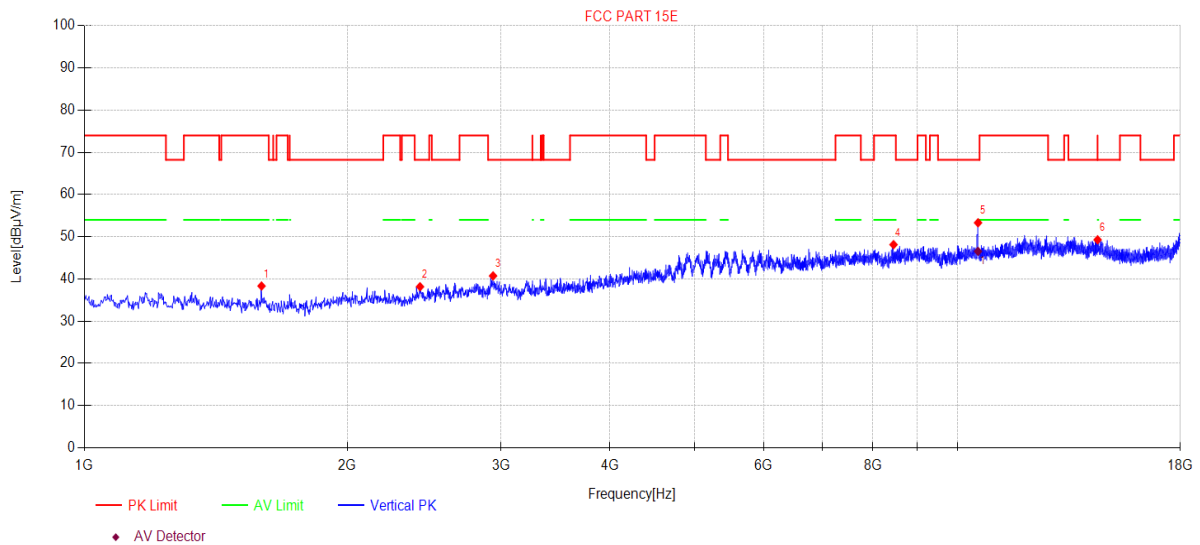
Note:

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: 2022-12-10 **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\183
Memo: 11A 5280

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1595.65	50.11	-11.79	38.32	74.00	35.68	PK	Vertical
2	2423.76	48.05	-9.89	38.16	68.20	30.04	PK	Vertical
3	2938.47	49.00	-8.28	40.72	68.20	27.48	PK	Vertical
4	8448.79	46.50	1.63	48.13	74.00	25.87	PK	Vertical
5	10557.44	50.21	3.10	53.31	68.20	14.89	PK	Vertical
6	14471.74	43.30	5.98	49.28	74.00	24.72	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10557.44	43.44	3.10	46.54	53.78	7.24	AV	Vertical

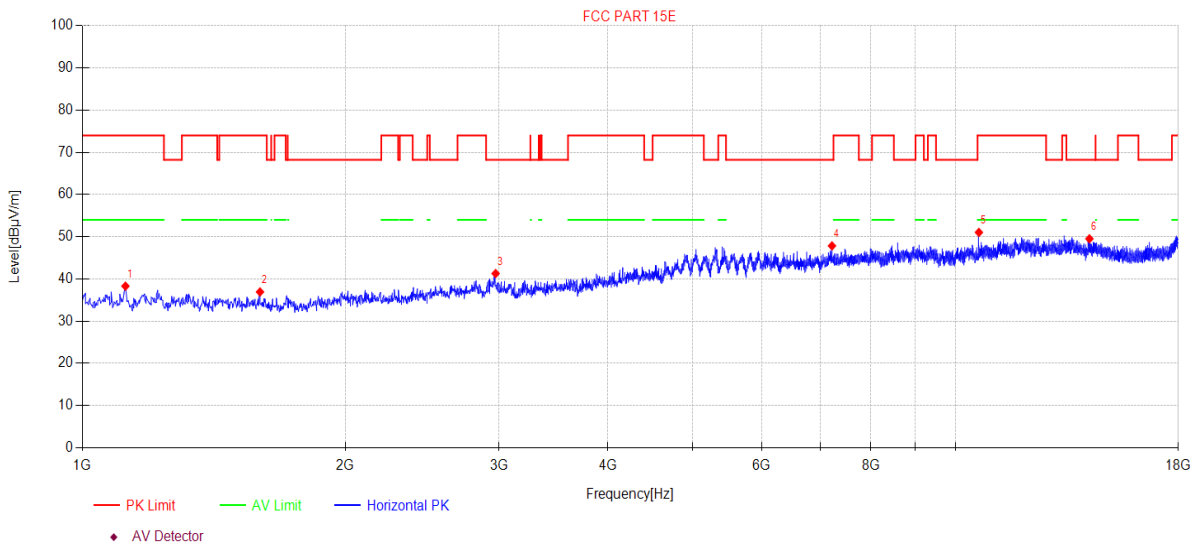
Note:

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\184
Memo: 11A 5320

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1120.38	49.55	-11.26	38.29	74.00	35.71	PK	Horizontal
2	1597.73	48.72	-11.79	36.93	74.00	37.07	PK	Horizontal
3	2973.75	49.41	-8.12	41.29	68.20	26.91	PK	Horizontal
4	7220.12	47.96	-0.13	47.83	68.20	20.37	PK	Horizontal
5	10638.38	47.82	3.21	51.03	74.00	22.97	PK	Horizontal
6	14237.21	43.52	6.00	49.52	68.20	18.68	PK	Horizontal

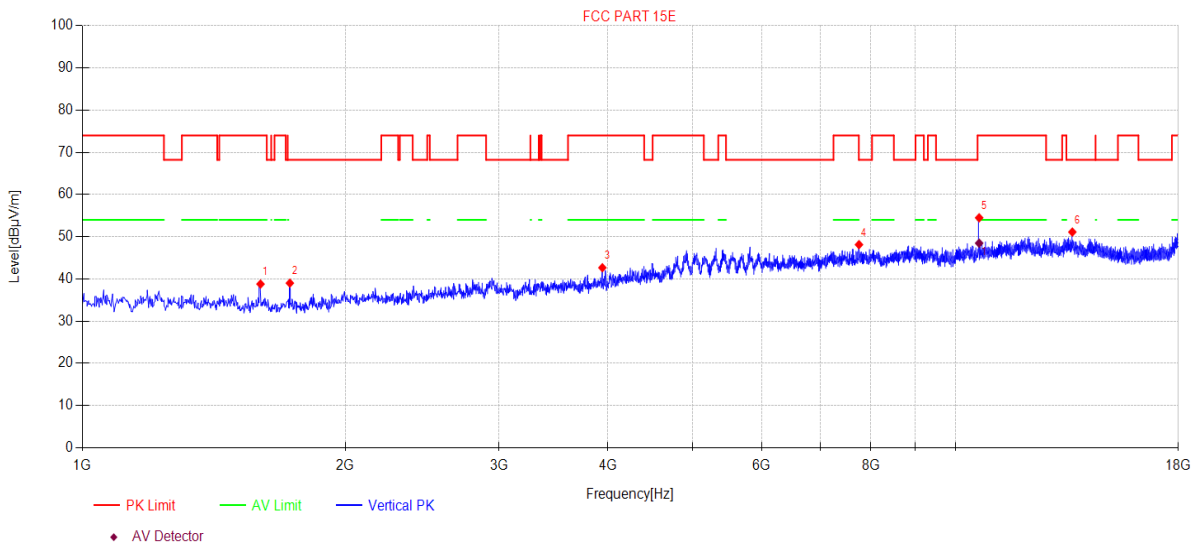
Note:

- 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: 2022-12-10 **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\185
Memo: 11A 5320

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1599.80	50.58	-11.79	38.79	74.00	35.21	PK	Vertical
2	1728.48	50.91	-11.90	39.01	68.20	29.19	PK	Vertical
3	3940.91	50.17	-7.51	42.66	74.00	31.34	PK	Vertical
4	7753.51	47.97	0.15	48.12	68.20	20.08	PK	Vertical
5	10644.61	51.27	3.21	54.48	74.00	19.52	PK	Vertical
6	13610.43	45.46	5.65	51.11	68.20	17.09	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10644.52	45.26	3.21	48.47	54.00	5.53	AV	Vertical

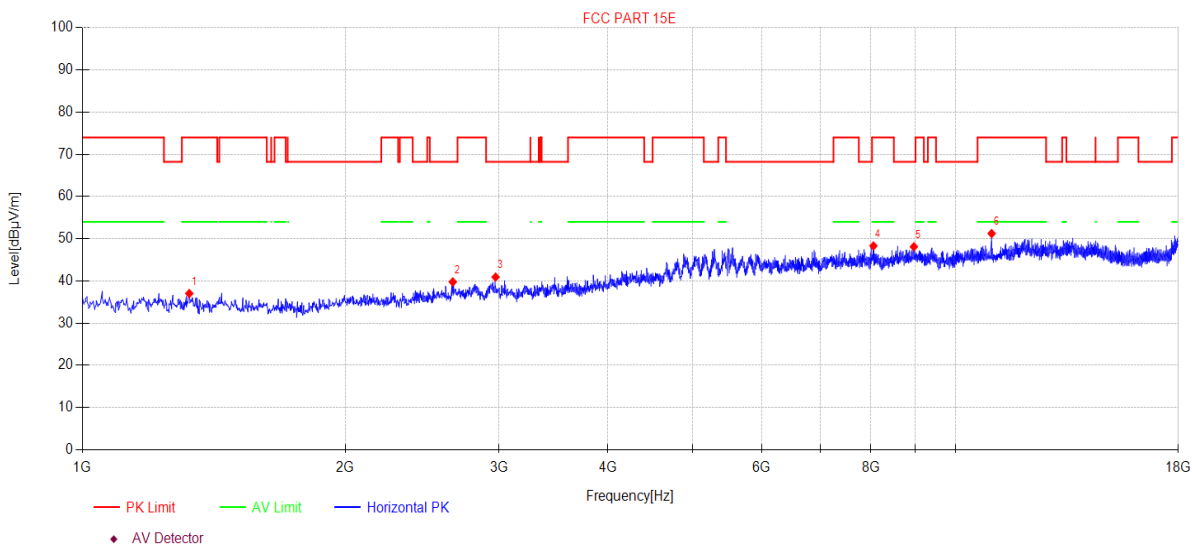
Note:

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\186
Memo: 11A 5500

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1325.85	48.40	-11.37	37.03	74.00	36.97	PK	Horizontal
2	2656.21	48.96	-9.18	39.78	68.20	28.42	PK	Horizontal
3	2973.75	49.04	-8.12	40.92	68.20	27.28	PK	Horizontal
4	8054.45	47.60	0.70	48.30	74.00	25.70	PK	Horizontal
5	8961.42	44.98	3.13	48.11	68.20	20.09	PK	Horizontal
6	11001.59	47.83	3.40	51.23	74.00	22.77	PK	Horizontal

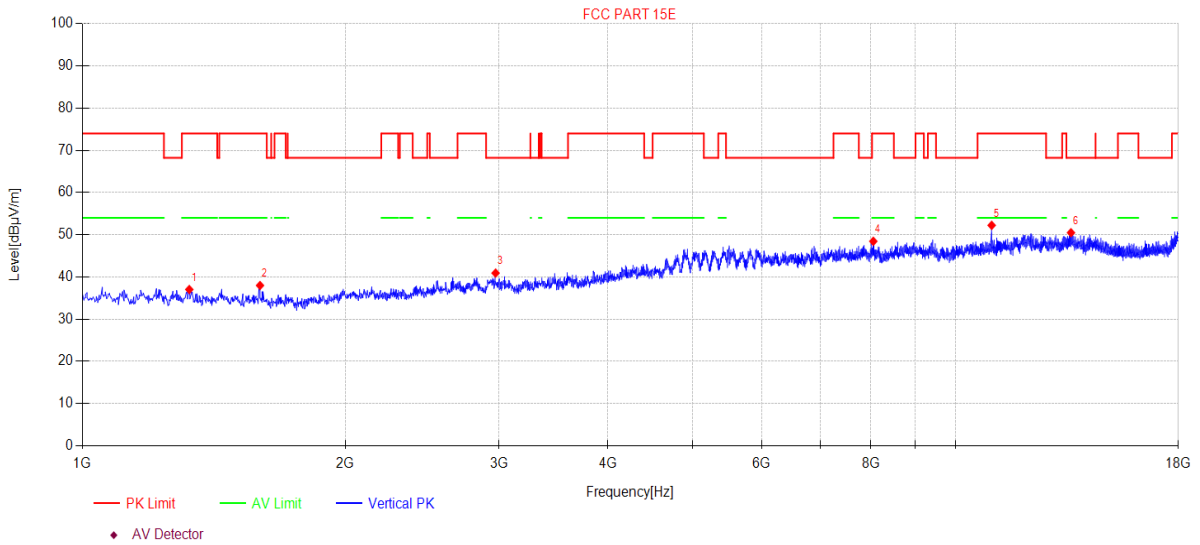
Note:

- 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: 2022-12-10 **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\187
Memo: 11A 5500

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1325.85	48.40	-11.37	37.03	74.00	36.97	PK	Vertical
2	1597.73	49.77	-11.79	37.98	74.00	36.02	PK	Vertical
3	2973.75	49.04	-8.12	40.92	68.20	27.28	PK	Vertical
4	8052.37	47.76	0.69	48.45	74.00	25.55	PK	Vertical
5	11001.59	48.83	3.40	52.23	74.00	21.77	PK	Vertical
6	13562.69	44.84	5.64	50.48	68.20	17.72	PK	Vertical

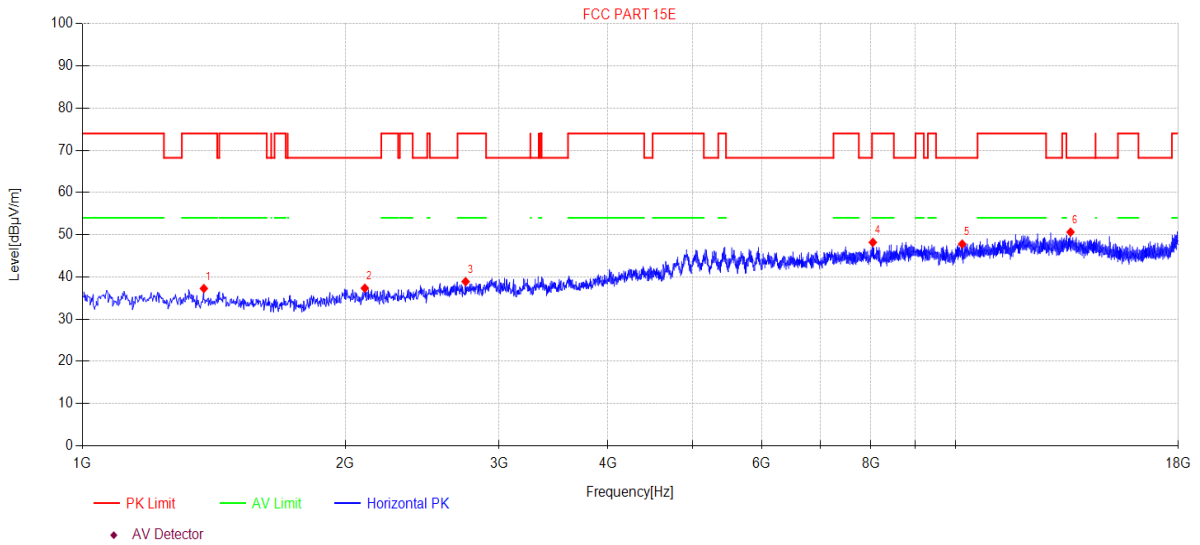
Note:

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: 2022-12-10 **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\188
Memo: 11A 5580

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1377.73	48.67	-11.41	37.26	74.00	36.74	PK	Horizontal
2	2106.21	47.72	-10.39	37.33	68.20	30.87	PK	Horizontal
3	2747.53	47.87	-8.97	38.90	74.00	35.10	PK	Horizontal
4	8042.00	47.51	0.68	48.19	74.00	25.81	PK	Horizontal
5	10179.71	45.11	2.69	47.80	68.20	20.40	PK	Horizontal
6	13546.09	44.98	5.64	50.62	68.20	17.58	PK	Horizontal

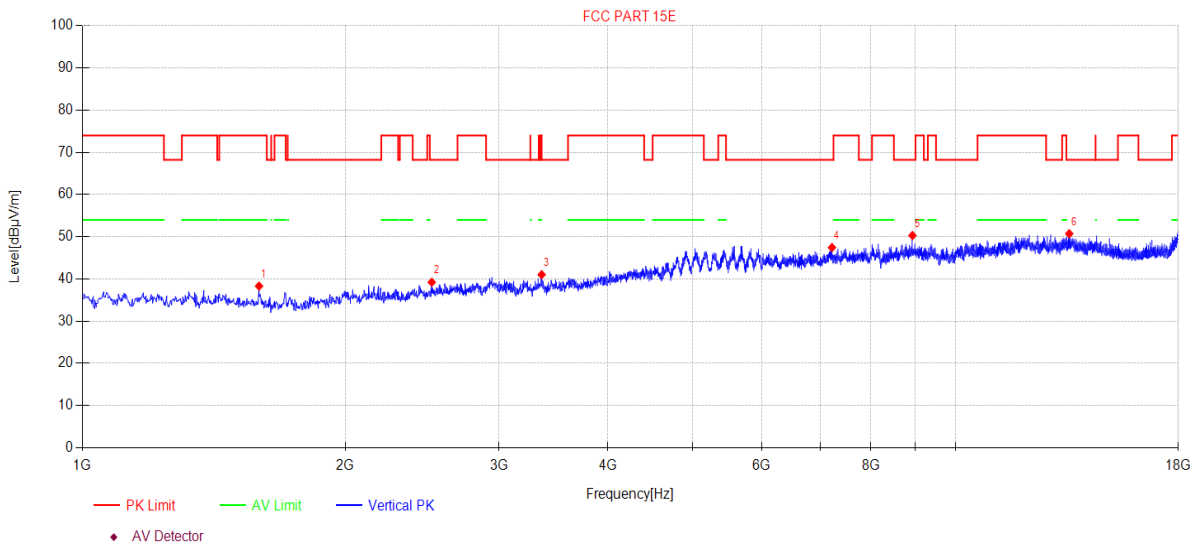
Note:

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: 2022-12-10 **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\189
Memo: 11A 5580

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1593.58	50.10	-11.79	38.31	74.00	35.69	PK	Vertical
2	2513.00	48.81	-9.58	39.23	68.20	28.97	PK	Vertical
3	3357.71	49.13	-8.11	41.02	74.00	32.98	PK	Vertical
4	7220.12	47.57	-0.13	47.44	68.20	20.76	PK	Vertical
5	8928.21	47.26	3.04	50.30	68.20	17.90	PK	Vertical
6	13498.35	45.10	5.62	50.72	68.20	17.48	PK	Vertical

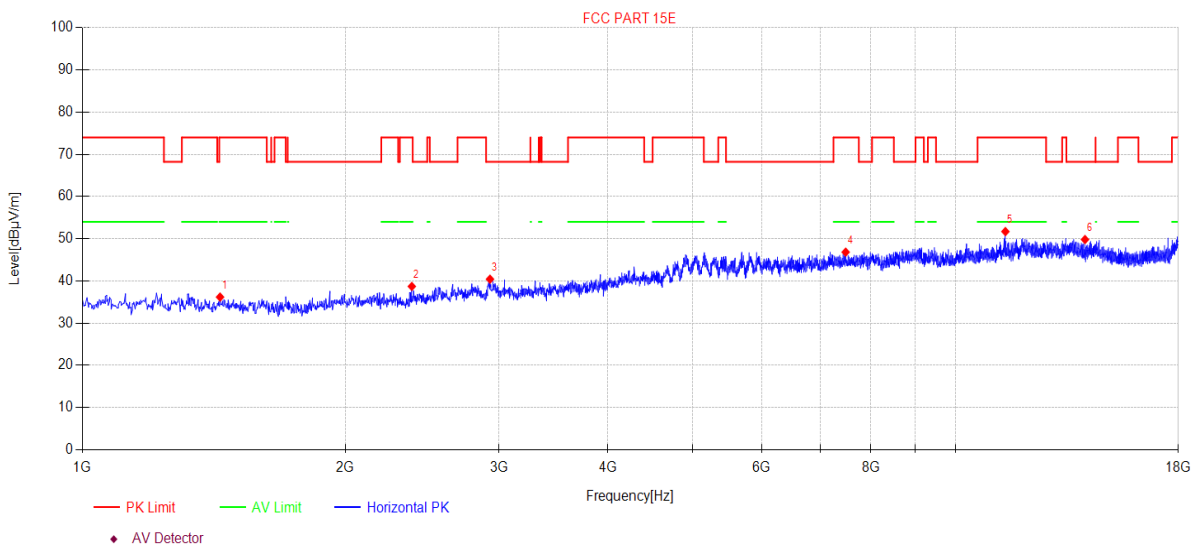
Note:

- 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: 2022-12-10 **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\190
Memo: 11A 5700

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1437.92	47.64	-11.46	36.18	74.00	37.82	PK	Horizontal
2	2384.32	48.68	-9.97	38.71	74.00	35.29	PK	Horizontal
3	2930.17	48.73	-8.31	40.42	68.20	27.78	PK	Horizontal
4	7485.78	46.94	-0.12	46.82	74.00	27.18	PK	Horizontal
5	11408.38	47.71	3.99	51.70	74.00	22.30	PK	Horizontal
6	14073.25	44.06	5.75	49.81	68.20	18.39	PK	Horizontal

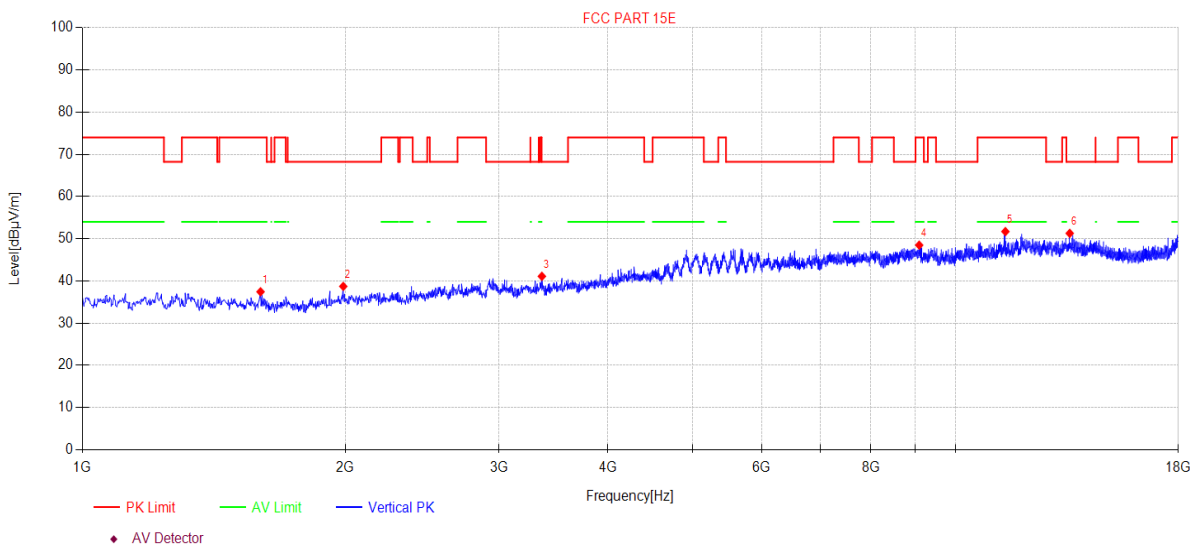
Note:

- 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: 2022-12-10 **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\191
Memo: 11A 5700

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1599.80	49.22	-11.79	37.43	74.00	36.57	PK	Vertical
2	1989.99	49.70	-10.99	38.71	68.20	29.49	PK	Vertical
3	3359.79	49.22	-8.12	41.10	68.20	27.10	PK	Vertical
4	9088.02	45.39	3.09	48.48	74.00	25.52	PK	Vertical
5	11408.38	47.71	3.99	51.70	74.00	22.30	PK	Vertical
6	13517.03	45.65	5.63	51.28	68.20	16.92	PK	Vertical

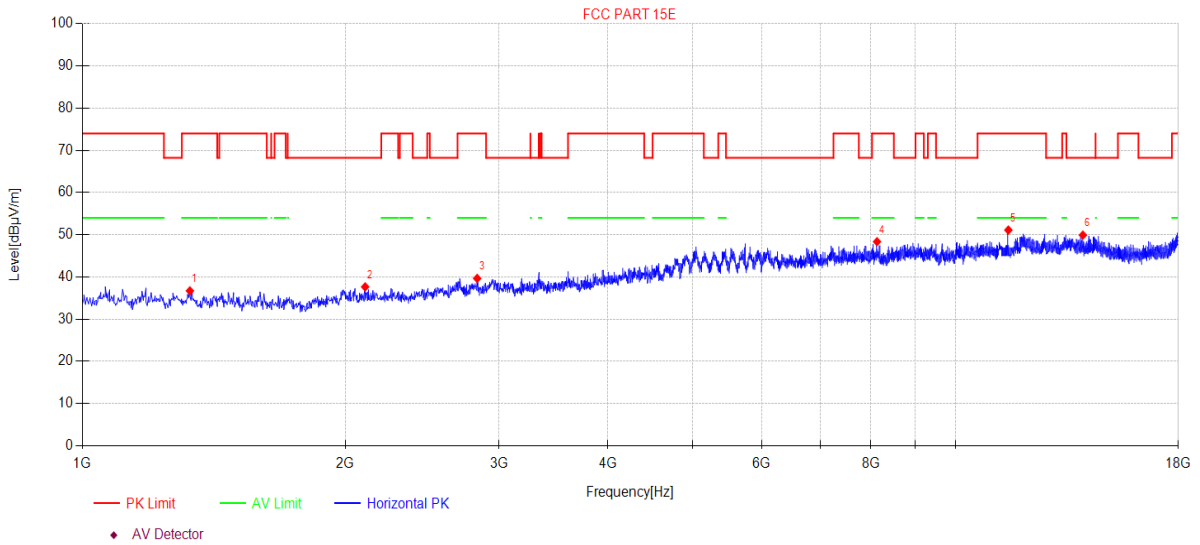
Note:

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: 2022-12-10 **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\192
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	1327.92	48.09	-11.37	36.72	74.00	37.28	PK	Horizontal
2	2108.29	48.03	-10.38	37.65	68.20	30.55	PK	Horizontal
3	2832.62	48.38	-8.73	39.65	74.00	34.35	PK	Horizontal
4	8131.24	47.55	0.80	48.35	74.00	25.65	PK	Horizontal
5	11497.62	47.06	4.04	51.10	74.00	22.90	PK	Horizontal
6	13994.38	44.27	5.64	49.91	68.20	18.29	PK	Horizontal

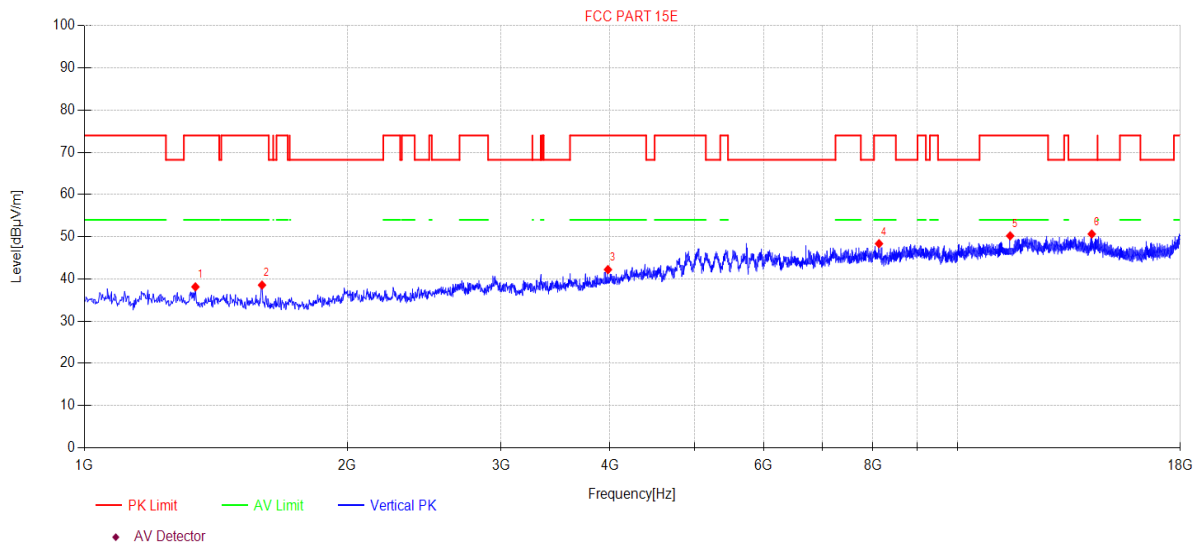
Note:

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: 2022-12-10 **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\193
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	1340.37	49.49	-11.37	38.12	74.00	35.88	PK	Vertical
2	1597.73	50.34	-11.79	38.55	74.00	35.45	PK	Vertical
3	3978.27	49.67	-7.46	42.21	74.00	31.79	PK	Vertical
4	8131.24	47.55	0.80	48.35	74.00	25.65	PK	Vertical
5	11491.39	46.18	4.03	50.21	74.00	23.79	PK	Vertical
6	14249.66	44.64	6.00	50.64	68.20	17.56	PK	Vertical

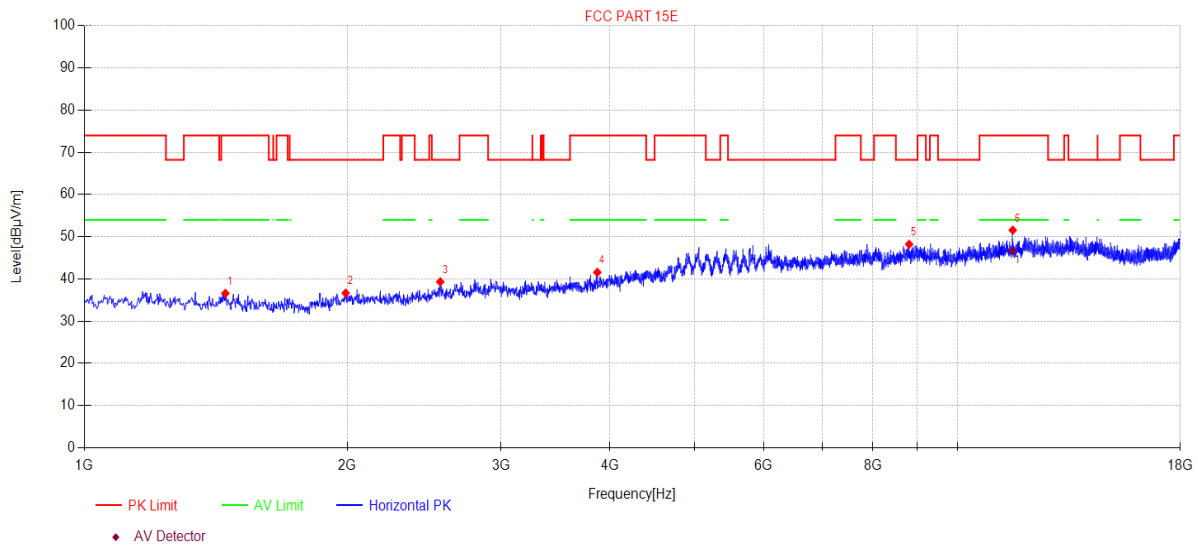
Note:

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: 2022-12-10 **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\194
Memo: 11A 5785

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1450.37	48.05	-11.47	36.58	74.00	37.42	PK	Horizontal
2	1992.06	47.62	-10.97	36.65	68.20	31.55	PK	Horizontal
3	2556.59	48.80	-9.48	39.32	68.20	28.88	PK	Horizontal
4	3868.27	49.16	-7.59	41.57	74.00	32.43	PK	Horizontal
5	8803.69	45.48	2.73	48.21	68.20	19.99	PK	Horizontal
6	11570.26	47.49	4.07	51.56	74.00	22.44	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	11570.38	42.61	4.08	46.68	54.00	7.32	AV	Horizontal

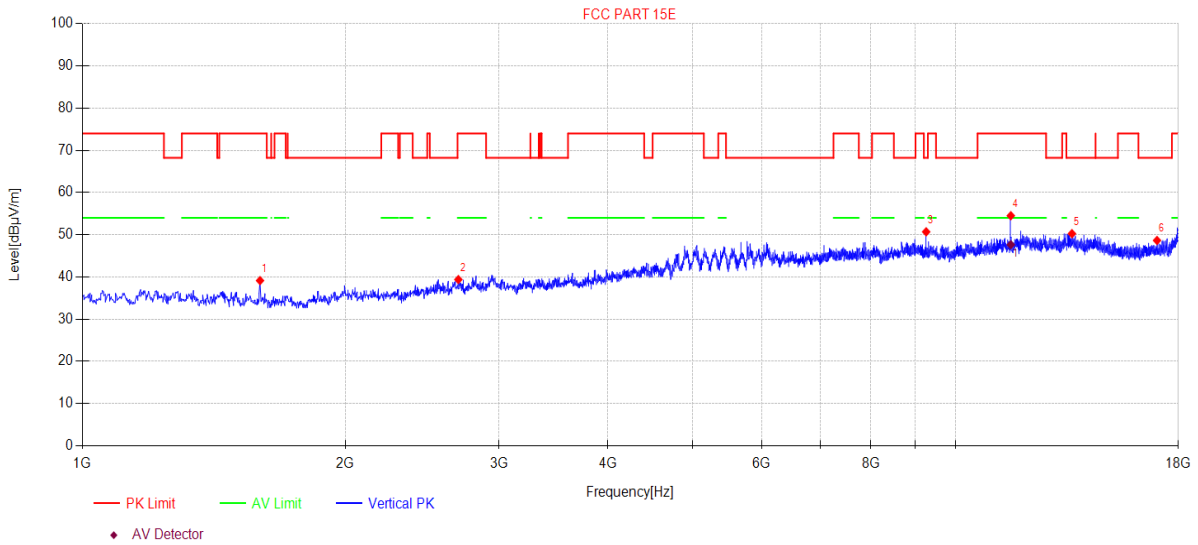
Note:

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\195
Memo: 11A 5785

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1597.73	50.92	-11.79	39.13	74.00	34.87	PK	Vertical
2	2695.64	48.47	-9.09	39.38	74.00	34.62	PK	Vertical
3	9256.13	47.57	3.12	50.69	68.20	17.51	PK	Vertical
4	11572.34	50.43	4.08	54.51	74.00	19.49	PK	Vertical
5	13597.97	44.61	5.64	50.25	68.20	17.95	PK	Vertical
6	17016.24	43.12	5.53	48.65	68.20	19.55	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	11572.26	43.56	4.08	47.64	54.00	6.36	AV	Vertical

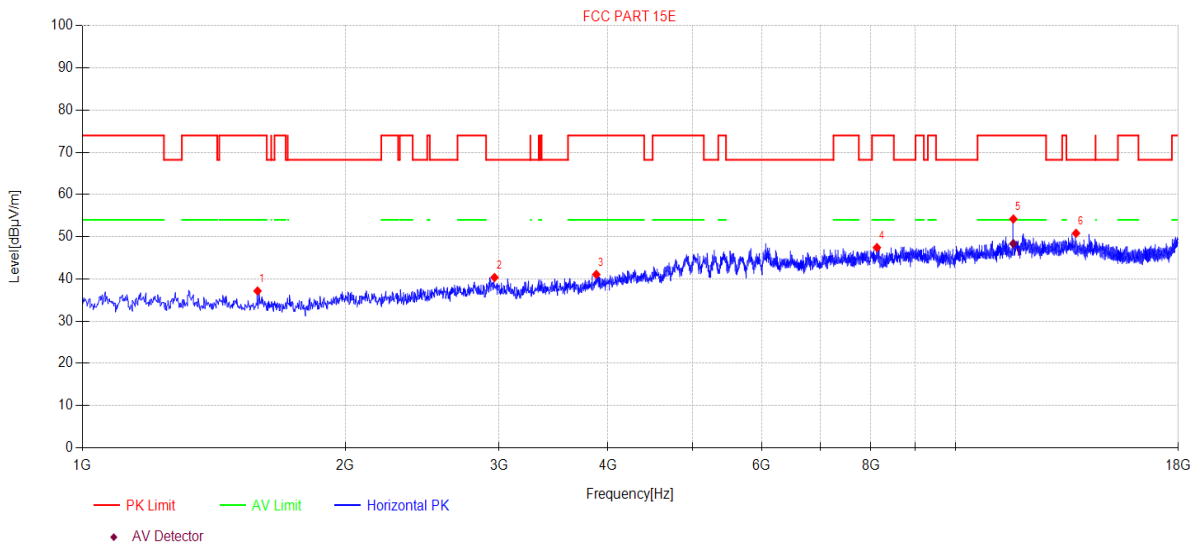
Note:

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\196
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	1587.35	48.93	-11.78	37.15	74.00	36.85	PK	Horizontal
2	2965.45	48.52	-8.17	40.35	68.20	27.85	PK	Horizontal
3	3878.65	48.65	-7.58	41.07	74.00	32.93	PK	Horizontal
4	8129.17	46.64	0.79	47.43	74.00	26.57	PK	Horizontal
5	11649.13	50.09	4.11	54.20	74.00	19.80	PK	Horizontal
6	13745.33	45.19	5.63	50.82	68.20	17.38	PK	Horizontal

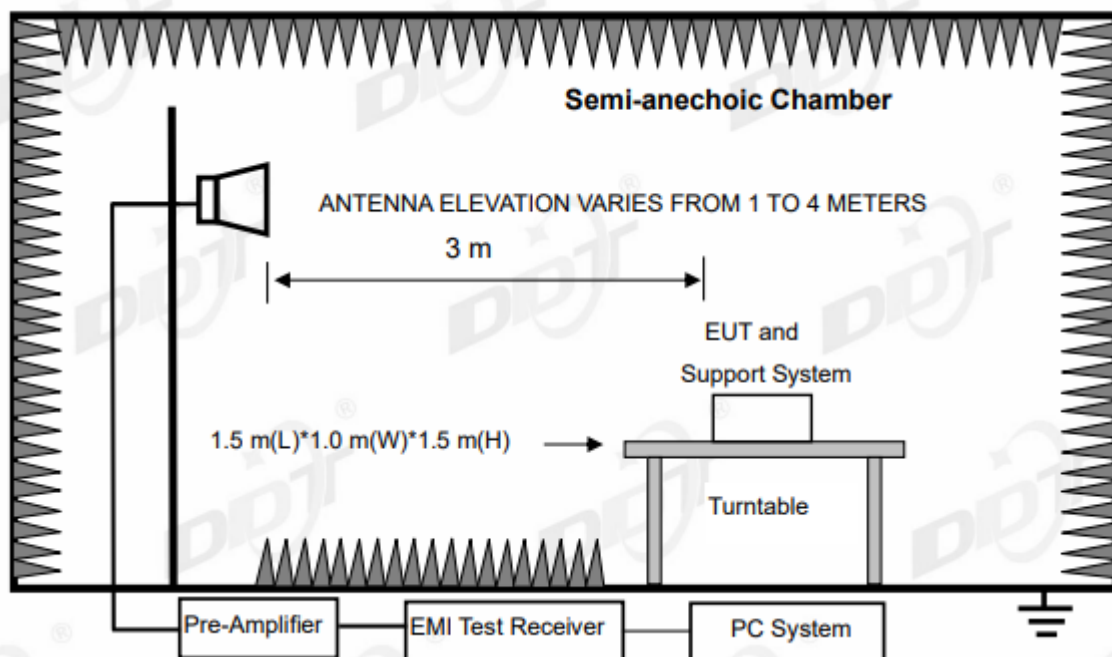
Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	11649.25	44.26	4.11	48.37	54.00	5.63	AV	Horizontal

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.

12. Band Edge Compliance

12.1. Block diagram of test setup



12.2. Limit

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

12.3. Test Procedure

Same with clause 11.3 except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

12.4. Test result

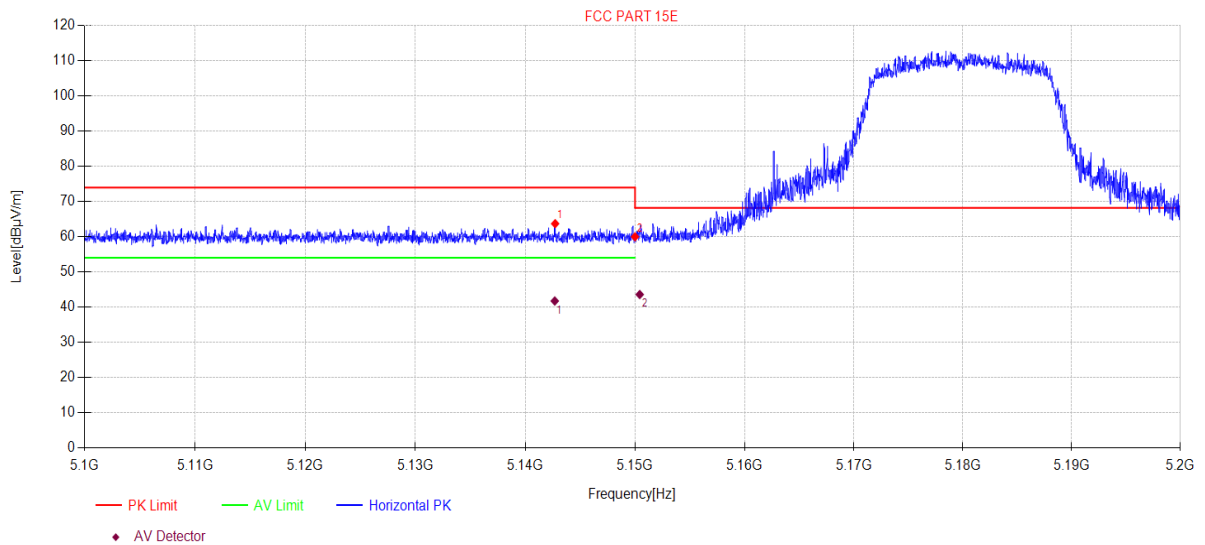
Pass. (See below detailed test result)

Note: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz. However, out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit

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\60
Memo: 11A 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5142.72	57.72	5.99	63.71	74.00	10.29	PK	Horizontal
2	5150.00	54.00	5.99	59.99	74.00	14.01	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5142.68	35.74	5.99	41.73	54.00	12.27	AV	Horizontal
2	5150.43	37.59	5.99	43.58	54.00	10.42	AV	Horizontal

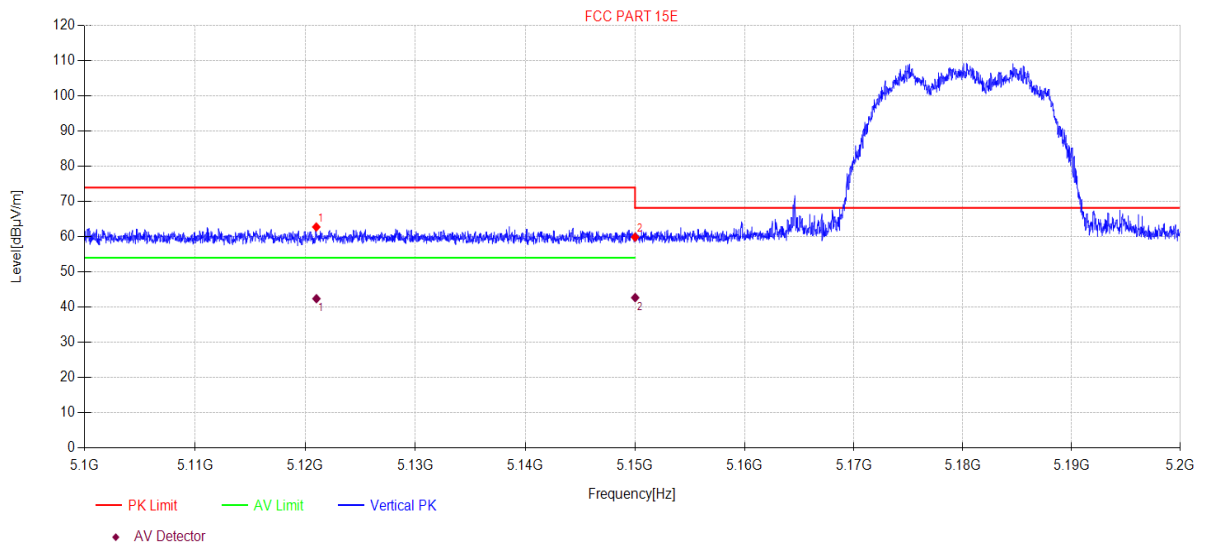
Note:

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\61
Memo: 11A 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5121.00	56.79	5.98	62.77	74.00	11.23	PK	Vertical
2	5150.00	53.89	5.99	59.88	74.00	14.12	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5121.01	36.41	5.98	42.39	54.00	11.61	AV	Vertical
2	5150.02	36.68	5.99	42.67	54.00	11.33	AV	Vertical

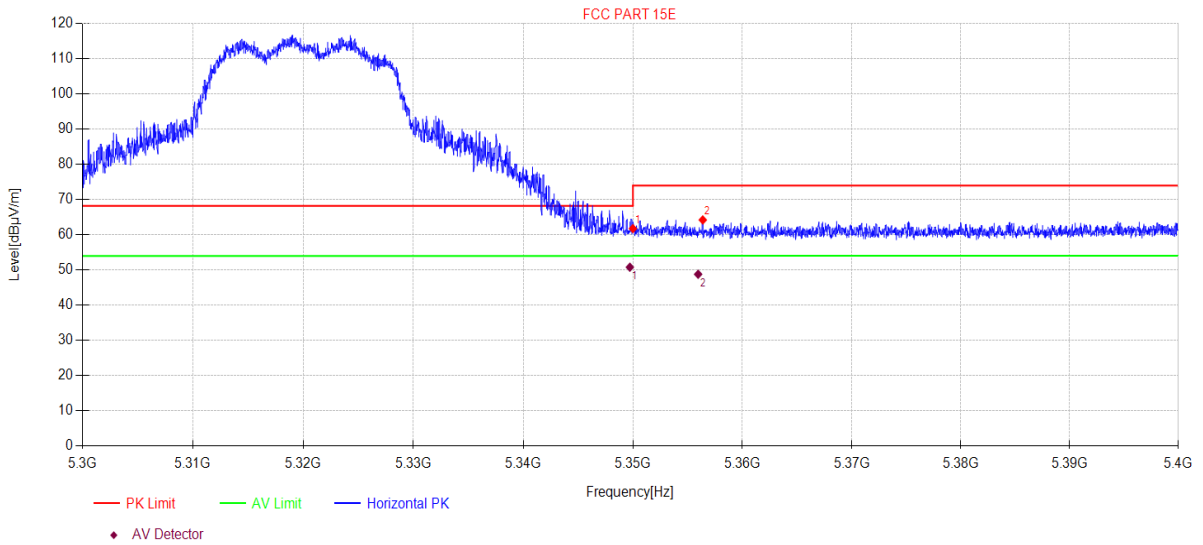
Note:

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\62
Memo: 11A 5320

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	55.58	6.15	61.73	68.20	6.47	PK	Horizontal
2	5356.38	58.04	6.16	64.20	74.00	9.80	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5349.72	44.62	6.15	50.77	54.00	3.23	AV	Horizontal
2	5355.96	42.61	6.15	48.76	54.00	5.24	AV	Horizontal

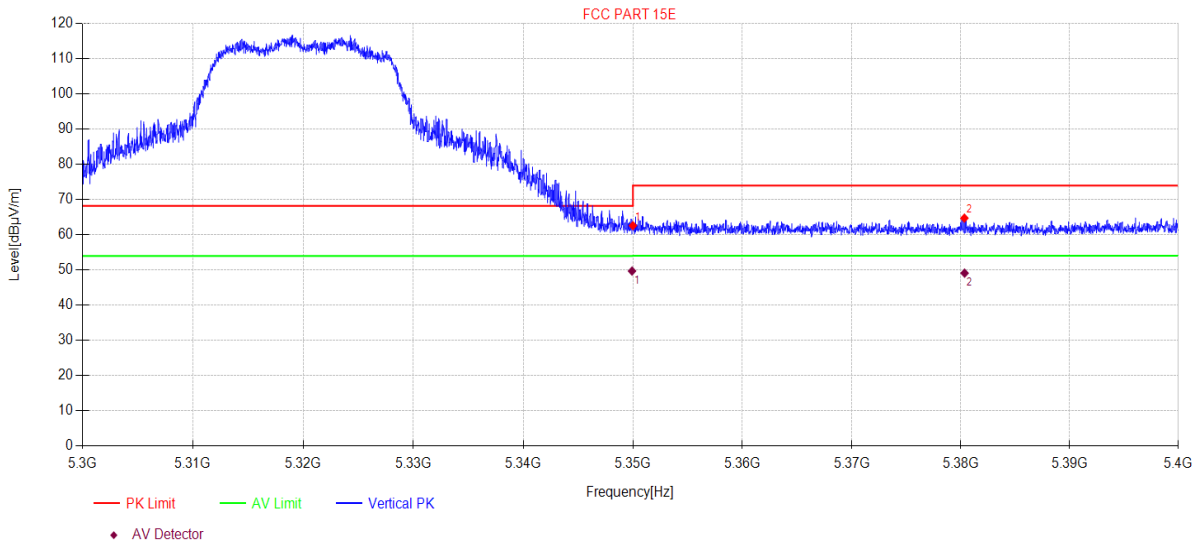
Note:

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\63
Memo: 11A 5320

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	56.44	6.15	62.59	68.20	5.61	PK	Vertical
2	5380.33	58.54	6.18	64.72	74.00	9.28	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5349.92	43.53	6.15	49.68	54.00	4.32	AV	Vertical
2	5380.35	42.90	6.18	49.08	54.00	4.92	AV	Vertical

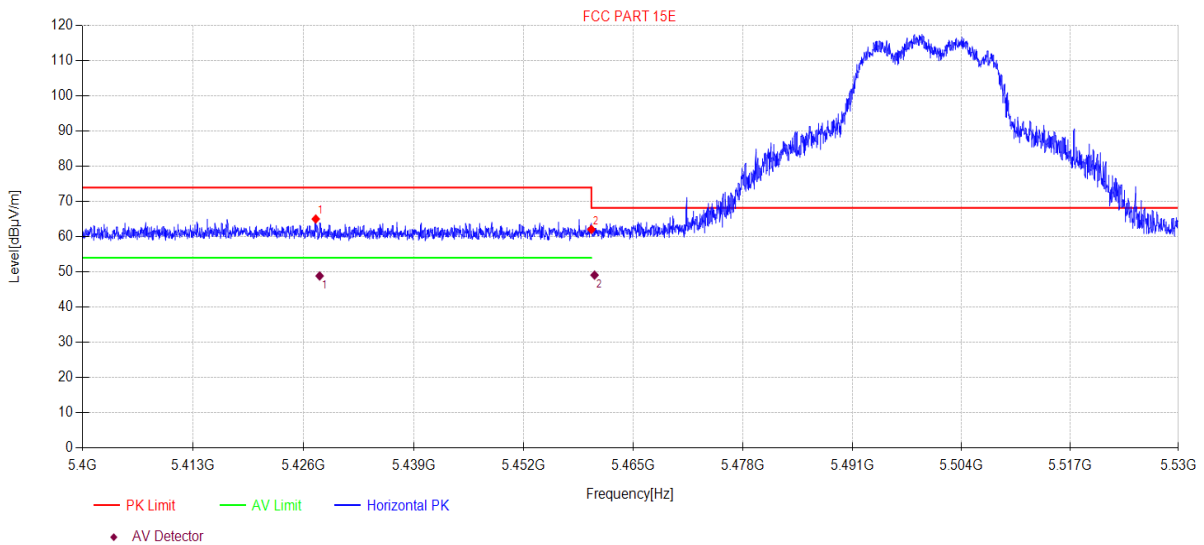
Note:

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\64
Memo: 11A 5500

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5427.43	58.82	6.22	65.04	74.00	8.96	PK	Horizontal
2	5460.00	55.83	6.24	62.07	74.00	11.93	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5427.89	42.64	6.21	48.85	54.00	5.15	AV	Horizontal
2	5460.37	42.85	6.24	49.09	54.00	4.91	AV	Horizontal

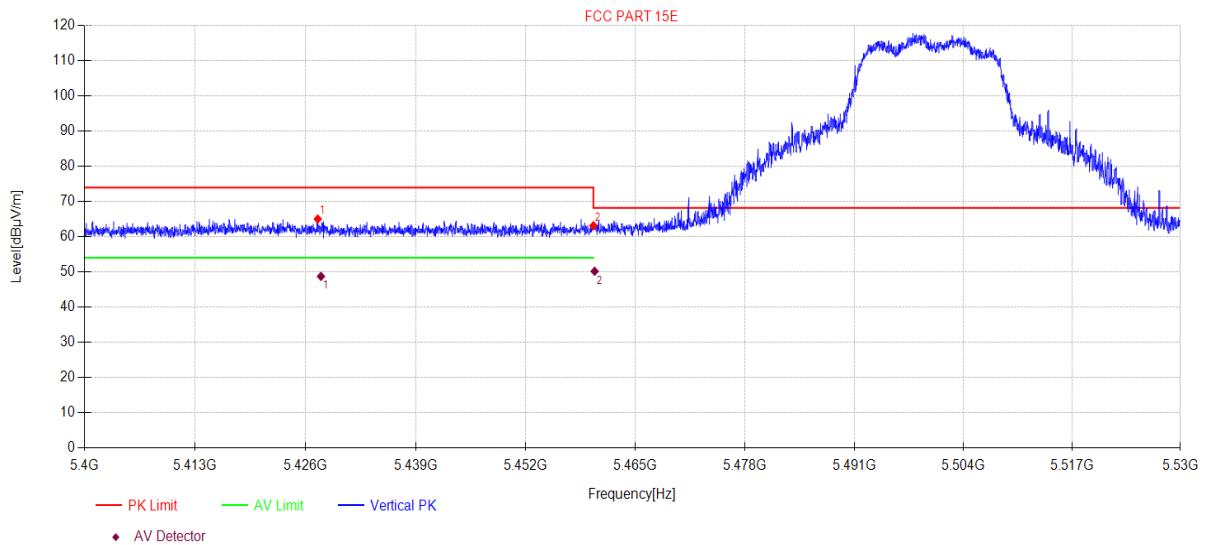
Note:

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\65
Memo: 11A 5500

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5427.43	58.82	6.22	65.04	74.00	8.96	PK	Vertical
2	5460.00	56.90	6.24	63.14	74.00	10.86	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5427.81	42.52	6.21	48.73	54.00	5.27	AV	Vertical
2	5460.14	43.94	6.24	50.18	54.00	3.82	AV	Vertical

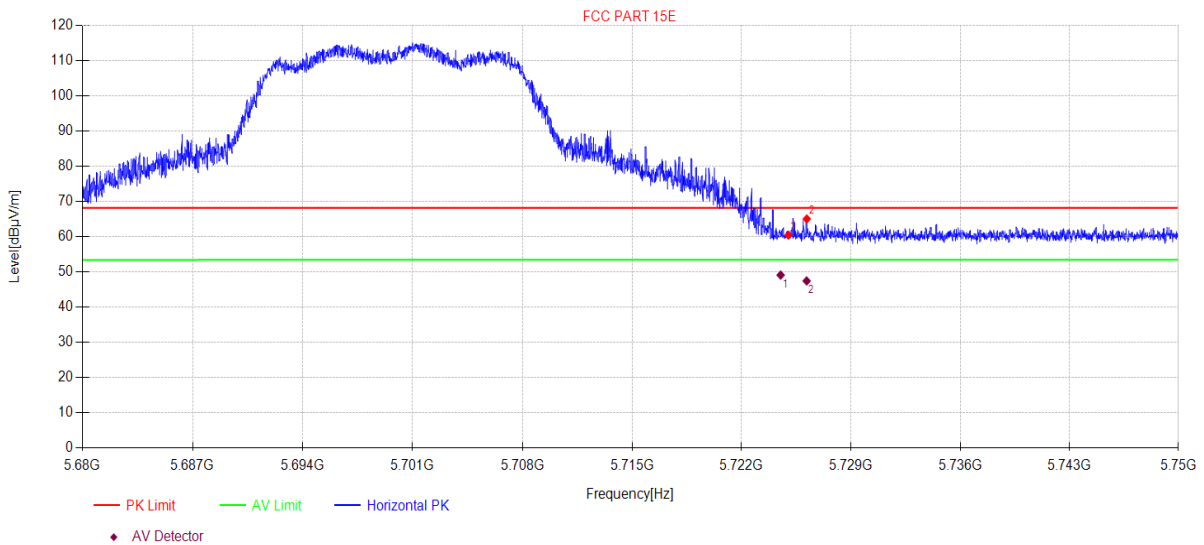
Note:

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\76
Memo: 11A 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	53.45	7.00	60.45	68.20	7.75	PK	Horizontal
2	5726.17	58.07	7.00	65.07	68.20	3.13	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5724.50	42.09	7.00	49.09	54.00	4.91	AV	Horizontal
2	5726.17	40.43	7.00	47.43	54.00	6.57	AV	Horizontal

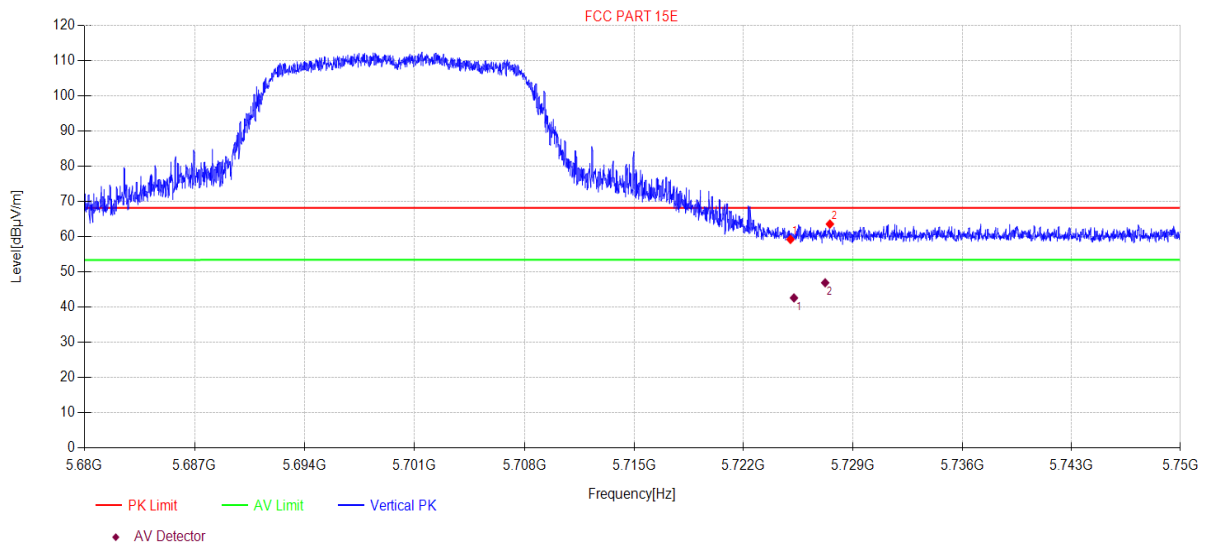
Note:

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\77
Memo: 11A 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	52.25	7.00	59.25	68.20	8.95	PK	Vertical
2	5727.52	56.60	7.01	63.61	68.20	4.59	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5725.23	35.60	7.00	42.60	54.00	11.4	AV	Vertical
2	5727.22	39.90	7.01	46.91	54.00	7.09	AV	Vertical

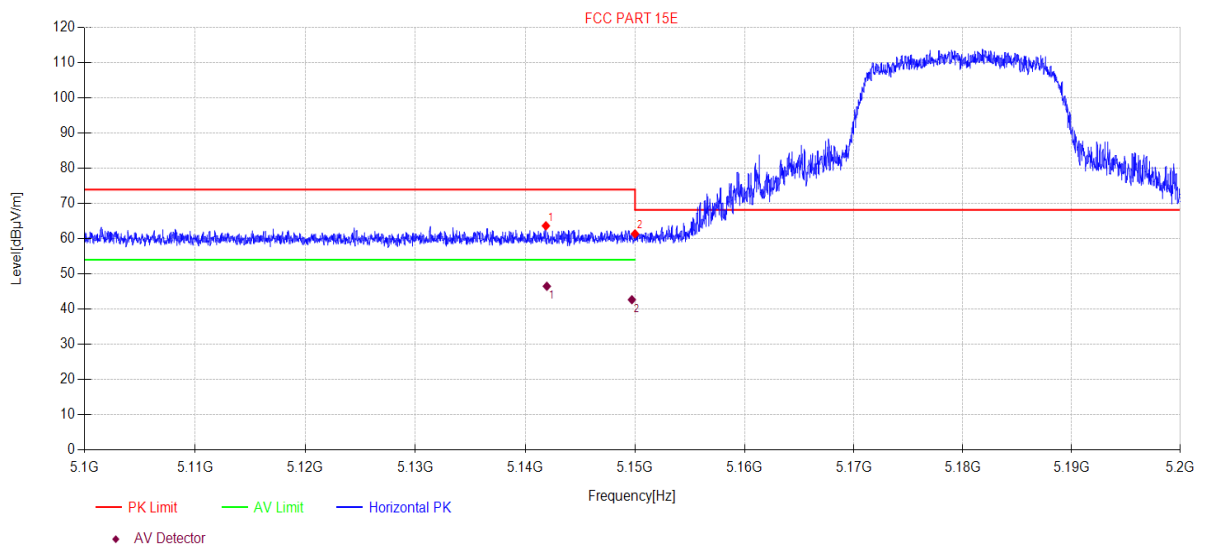
Note:

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\78
Memo: 11N20 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5141.88	57.67	5.99	63.66	74.00	10.34	PK	Horizontal
2	5150.00	55.39	5.99	61.38	74.00	12.62	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5141.96	40.49	5.99	46.48	54.00	7.52	AV	Horizontal
2	5149.72	36.67	5.99	42.66	54.00	11.34	AV	Horizontal

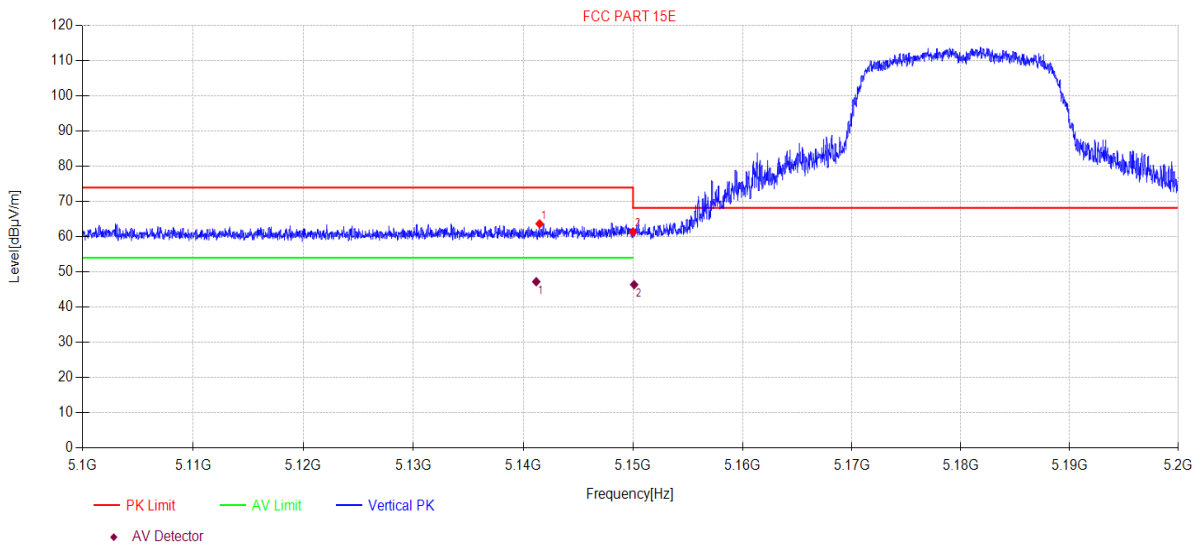
Note:

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\79
Memo: 11N20 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5141.48	57.68	5.99	63.67	74.00	10.33	PK	Vertical
2	5150.00	55.39	5.99	61.38	74.00	12.62	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5141.18	41.23	5.99	47.22	54.00	6.78	AV	Vertical
2	5150.10	40.38	5.99	46.37	54.00	7.63	AV	Vertical

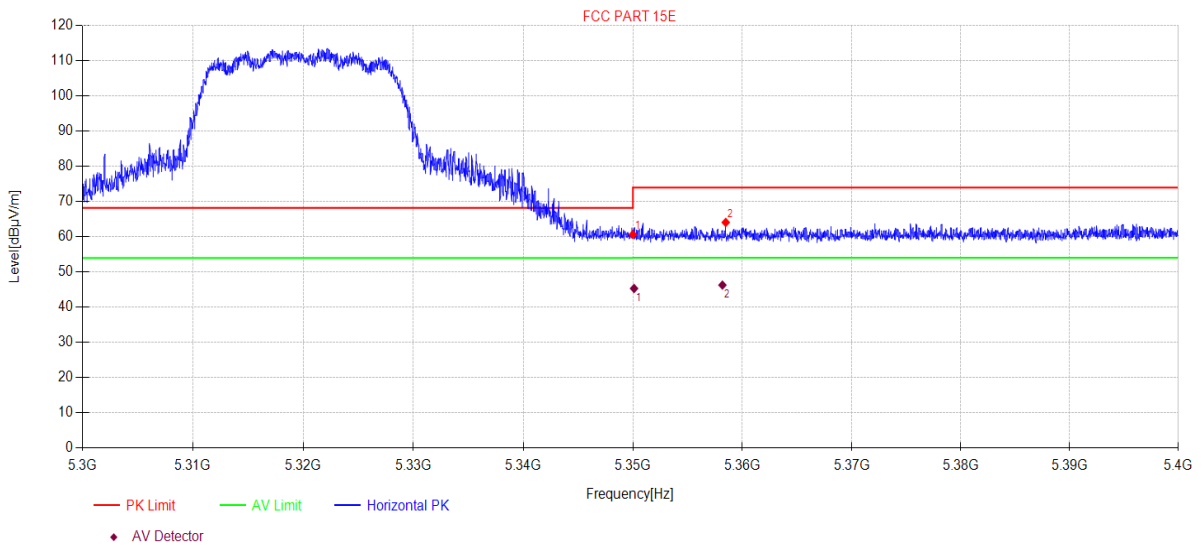
Note:

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\94
Memo: 11N20 5320

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	54.49	6.15	60.64	68.20	7.56	PK	Horizontal
2	5358.48	57.91	6.16	64.07	74.00	9.93	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.10	39.14	6.15	45.29	54.00	8.71	AV	Horizontal
2	5358.18	40.09	6.16	46.25	54.00	7.75	AV	Horizontal

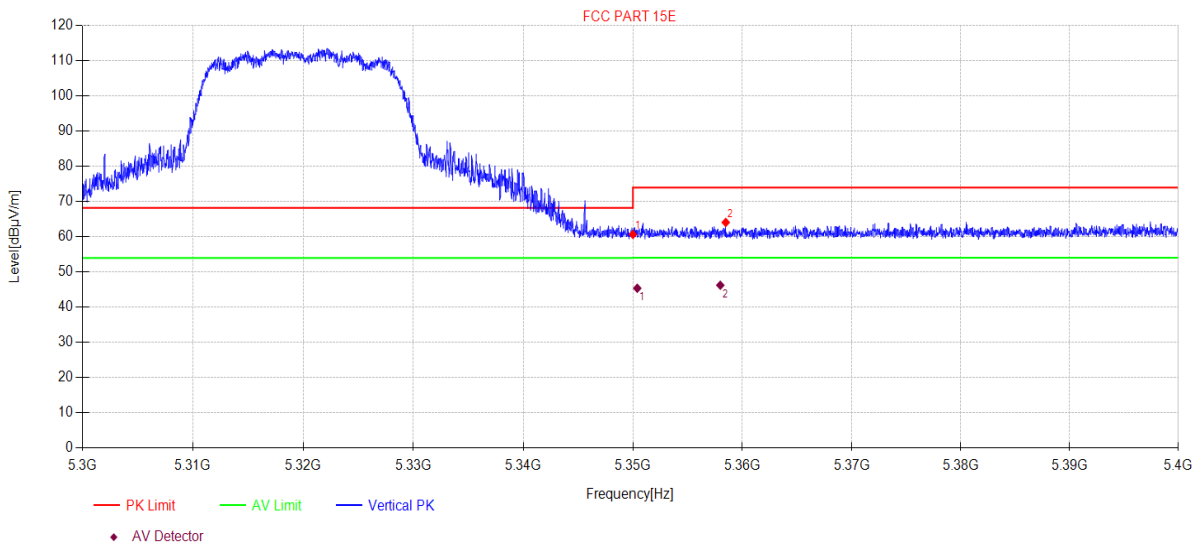
Note:

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\95
Memo: 11N20 5320

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	54.49	6.15	60.64	68.20	7.56	PK	Vertical
2	5358.48	57.91	6.16	64.07	74.00	9.93	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.40	39.21	6.15	45.36	54.00	8.64	AV	Vertical
2	5357.98	40.06	6.15	46.21	54.00	7.79	AV	Vertical

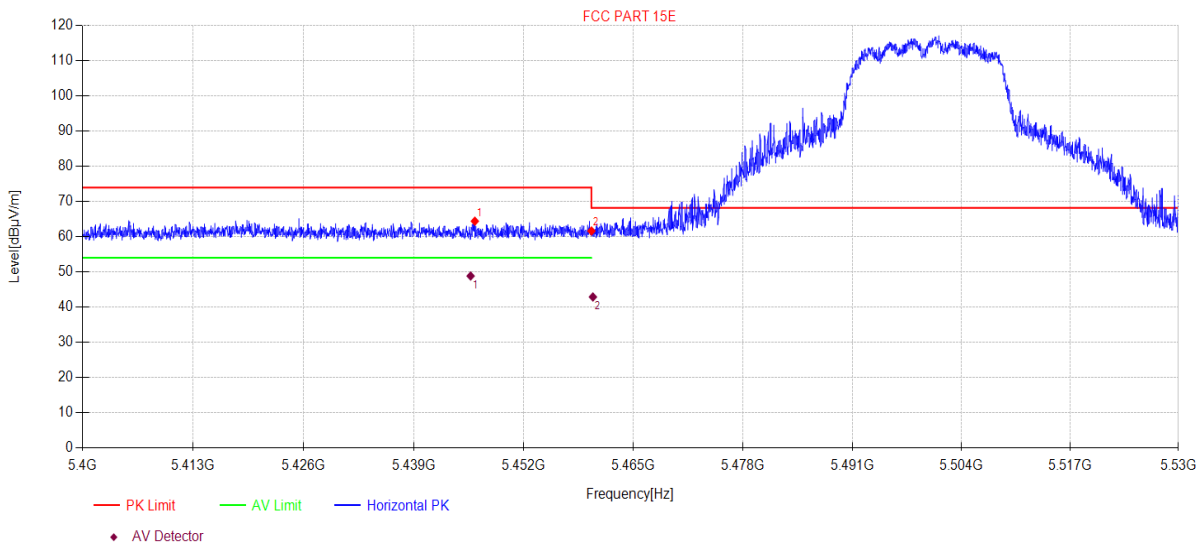
Note:

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\96
Memo: 11N20 5500

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5446.20	58.19	6.23	64.42	74.00	9.58	PK	Horizontal
2	5460.00	55.39	6.24	61.63	74.00	12.37	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5445.70	42.60	6.23	48.83	54.00	5.17	AV	Horizontal
2	5460.18	36.64	6.24	42.88	54.00	11.12	AV	Horizontal

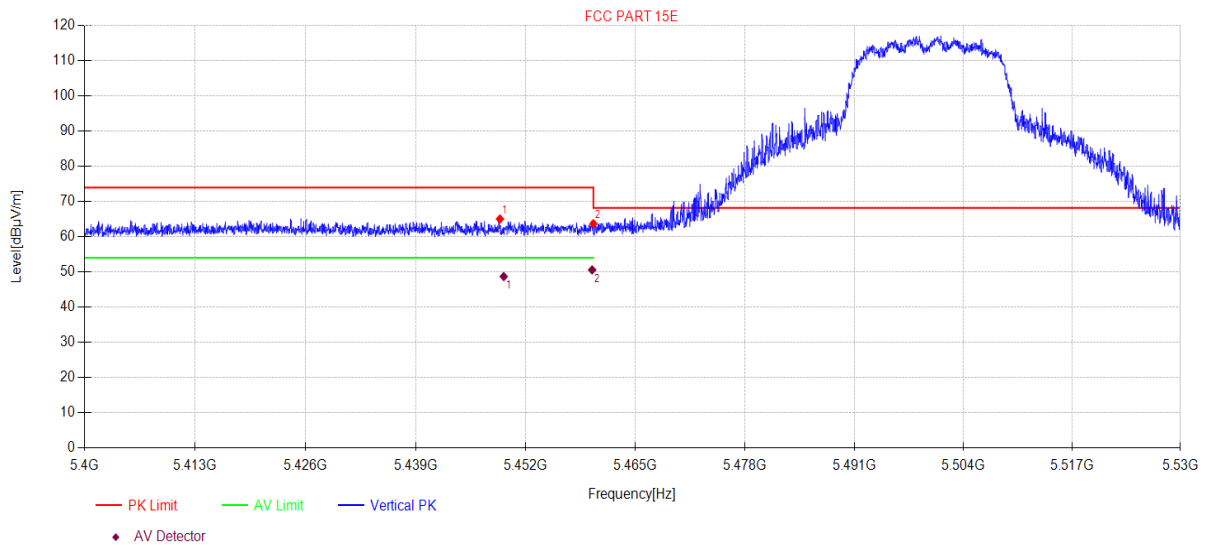
Note:

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\97
Memo: 11N20 5500

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5448.93	58.82	6.23	65.05	74.00	8.95	PK	Vertical
2	5460.00	57.47	6.24	63.71	74.00	10.29	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5449.38	42.45	6.23	48.68	54.00	5.32	AV	Vertical
2	5459.85	44.33	6.24	50.57	54.00	3.43	AV	Vertical

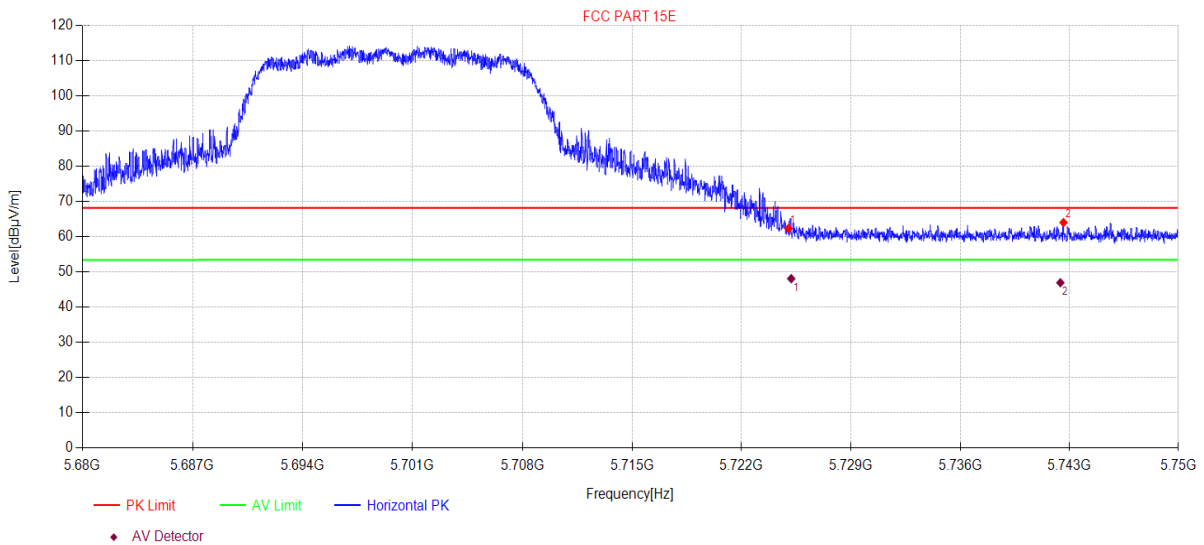
Note:

- 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\100
Memo: 11N20 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	55.36	7.00	62.36	68.20	5.84	PK	Horizontal
2	5742.62	56.99	7.05	64.04	68.20	4.16	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5725.18	41.08	7.00	48.08	54.00	5.92	AV	Horizontal
2	5742.42	39.87	7.04	46.92	54.00	7.08	AV	Horizontal

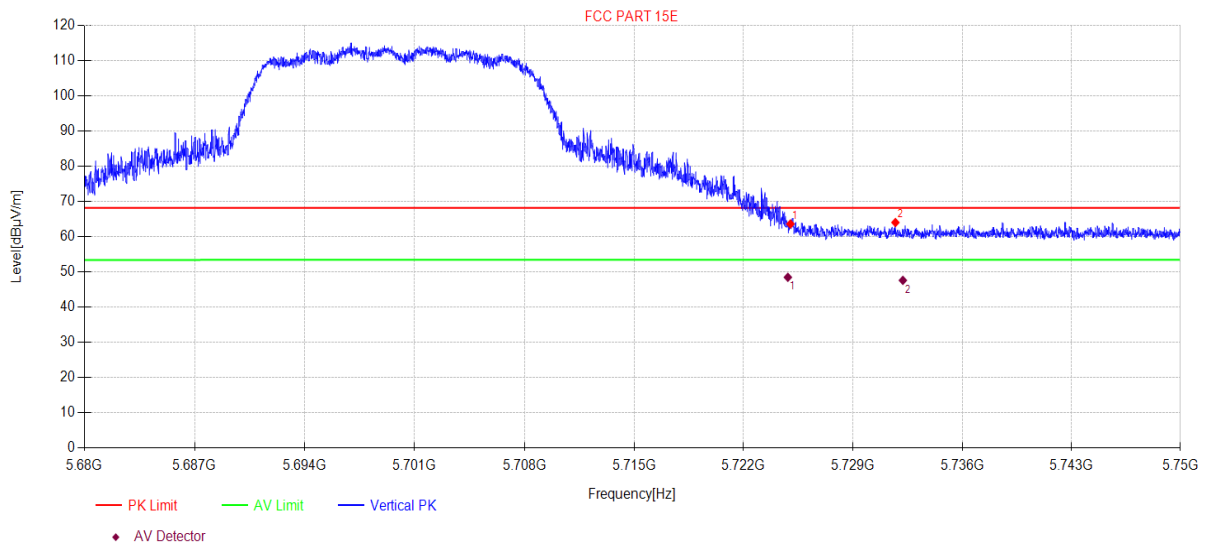
Note:

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\101
Memo: 11N20 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	56.63	7.00	63.63	68.20	4.57	PK	Vertical
2	5731.72	57.04	7.01	64.05	68.20	4.15	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5724.84	41.46	7.00	48.46	54.00	5.54	AV	Vertical
2	5732.20	40.59	7.01	47.60	54.00	6.4	AV	Vertical

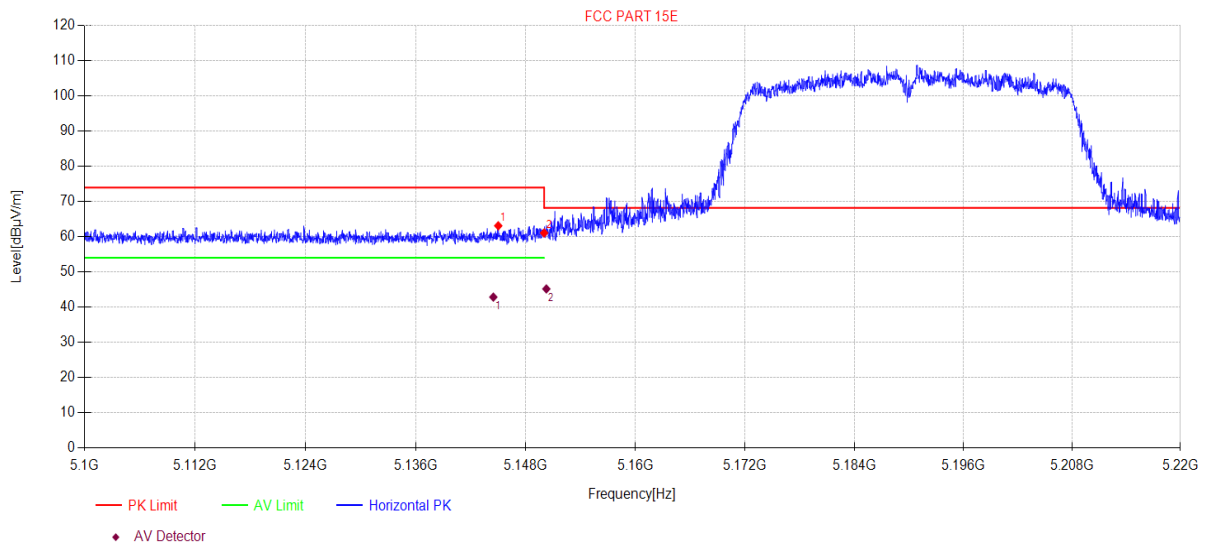
Note:

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\108
Memo: 11N40 5190

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5144.99	57.13	5.99	63.12	74.00	10.88	PK	Horizontal
2	5150.00	55.08	5.99	61.07	74.00	12.93	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5144.45	36.84	5.99	42.83	54.00	11.17	AV	Horizontal
2	5150.25	39.17	5.99	45.16	54.00	8.84	AV	Horizontal

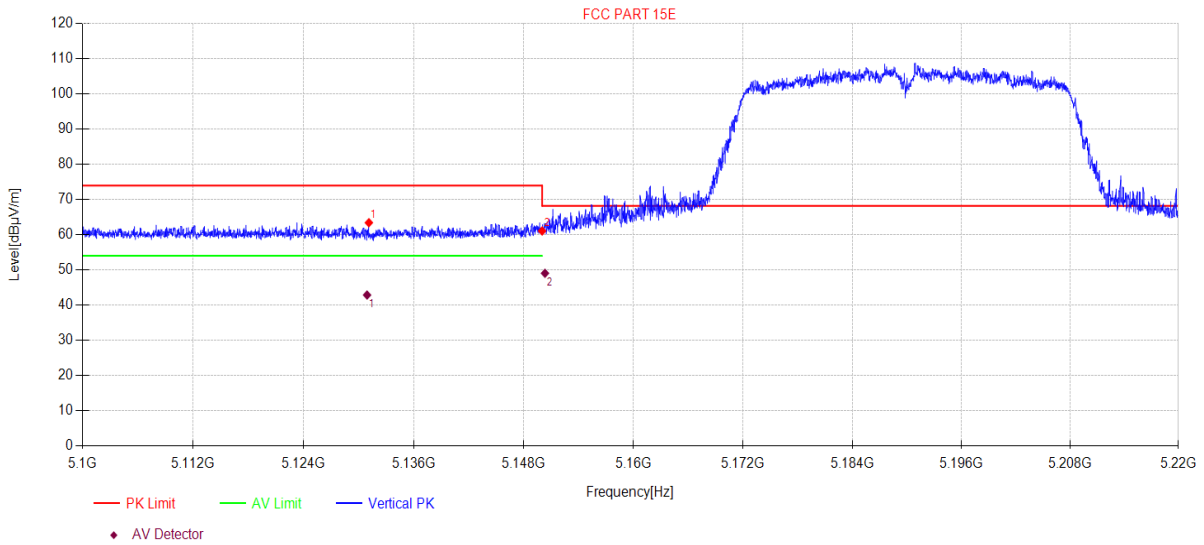
Note:

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\109
Memo: 11N40 5190

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5131.10	57.44	5.98	63.42	74.00	10.58	PK	Vertical
2	5150.00	55.08	5.99	61.07	74.00	12.93	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5130.91	36.88	5.98	42.86	54.00	11.14	AV	Vertical
2	5150.31	43.05	5.99	49.04	54.00	4.96	AV	Vertical

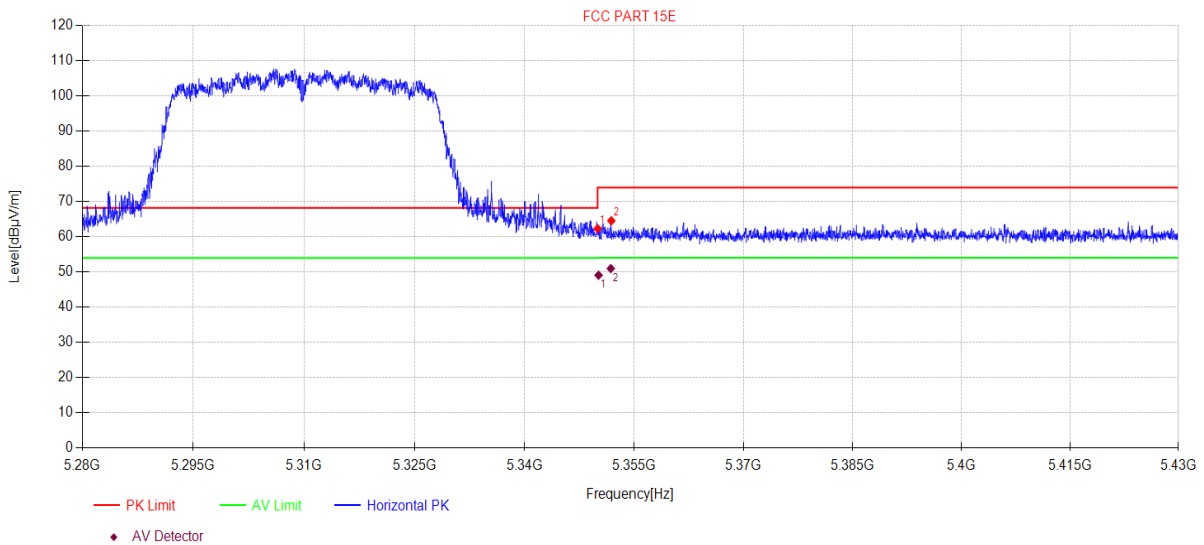
Note:

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\114
Memo: 11N40 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	56.16	6.15	62.31	68.20	5.89	PK	Horizontal
2	5351.88	58.40	6.15	64.55	74.00	9.45	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.13	42.91	6.15	49.06	54.00	4.94	AV	Horizontal
2	5351.80	44.81	6.15	50.96	54.00	3.04	AV	Horizontal

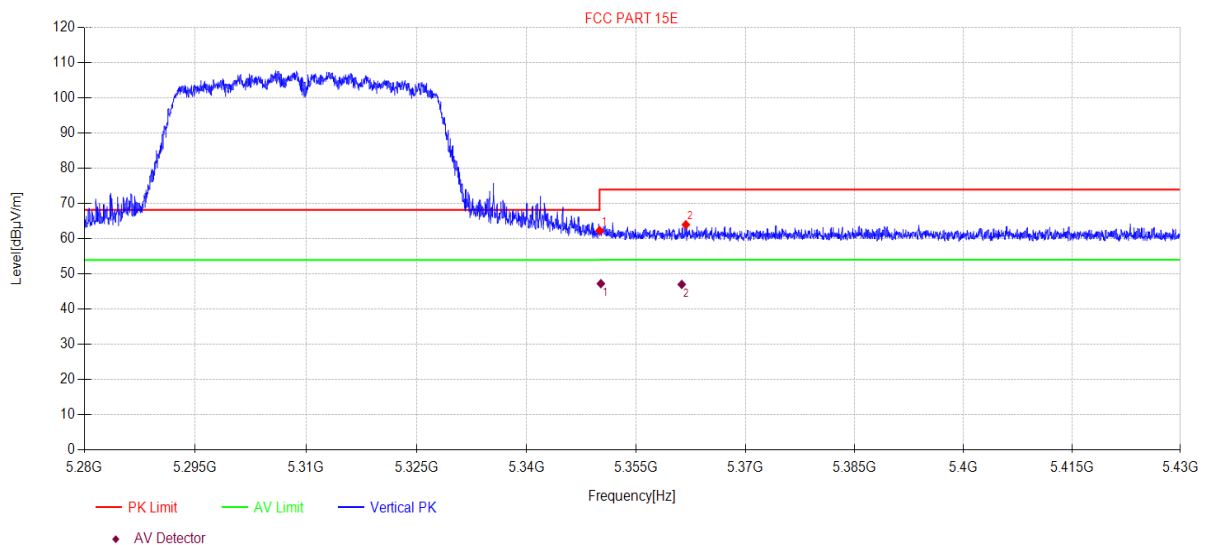
Note:

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\115
Memo: 11N40 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	56.16	6.15	62.31	68.20	5.89	PK	Vertical
2	5361.80	57.83	6.16	63.99	74.00	10.01	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.17	41.08	6.15	47.23	54.00	6.77	AV	Vertical
2	5361.24	40.86	6.16	47.02	54.00	6.98	AV	Vertical

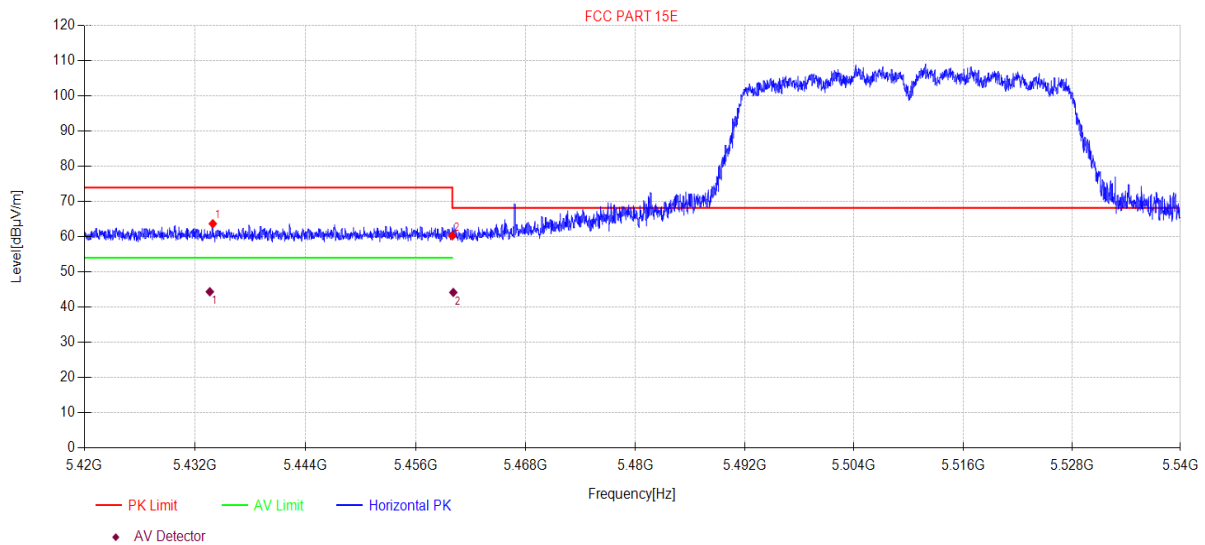
Note:

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\116
Memo: 11N40 5510

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5433.93	57.48	6.22	63.70	74.00	10.30	PK	Horizontal
2	5460.00	54.03	6.24	60.27	74.00	13.73	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5433.60	38.14	6.22	44.36	54.00	9.64	AV	Horizontal
2	5460.10	37.93	6.24	44.17	54.00	9.83	AV	Horizontal

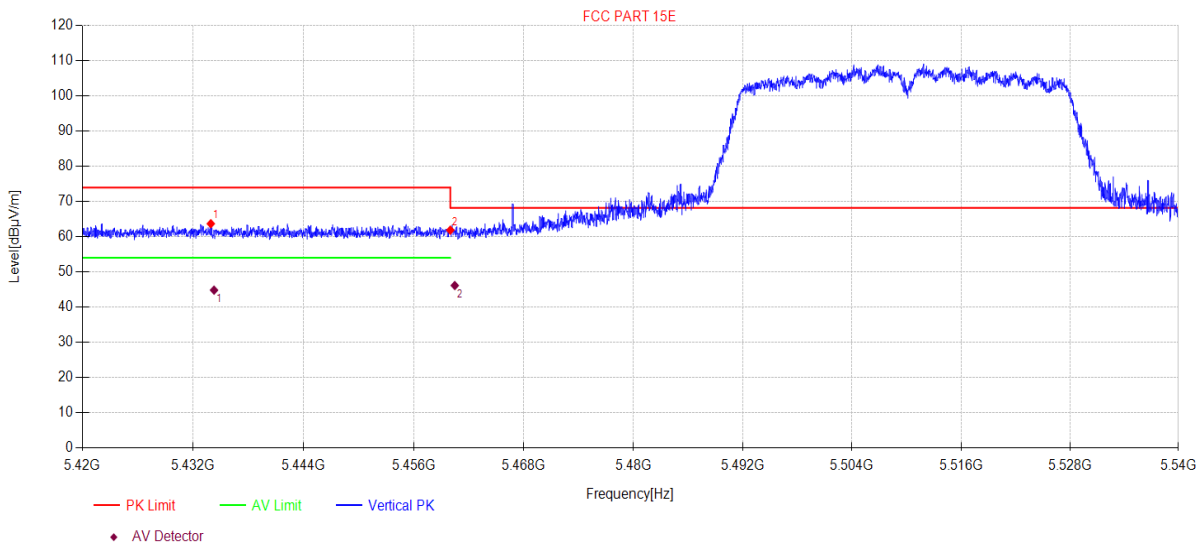
Note:

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\117
Memo: 11N40 5510

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5433.93	57.48	6.22	63.70	74.00	10.30	PK	Vertical
2	5460.00	55.63	6.24	61.87	74.00	12.13	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5434.28	38.60	6.22	44.82	54.00	9.18	AV	Vertical
2	5460.48	39.89	6.24	46.13	54.00	7.87	AV	Vertical

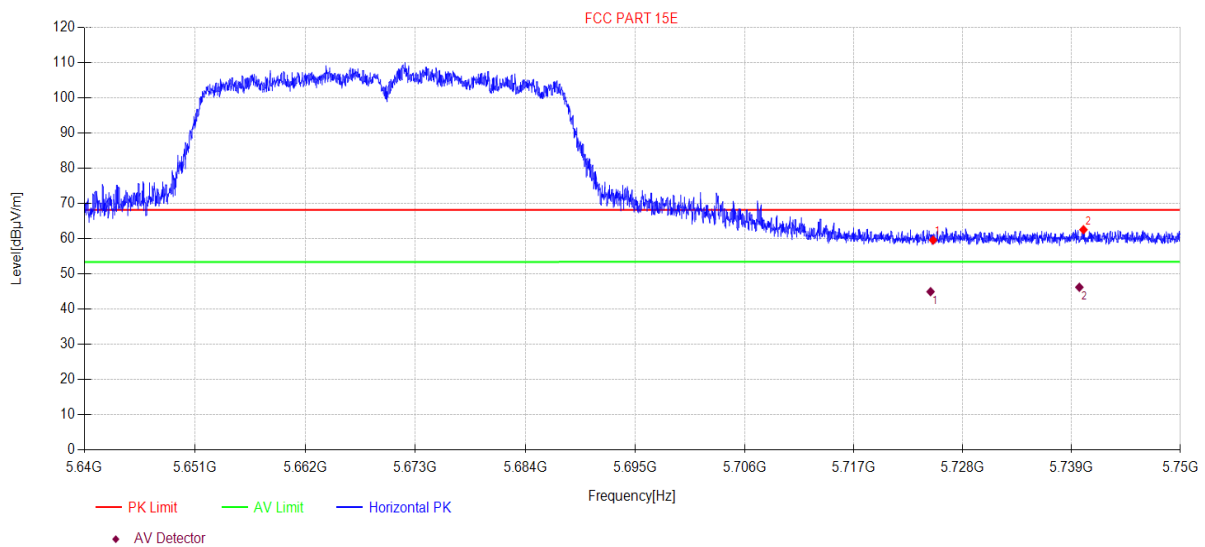
Note:

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\120
Memo: 11N40 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	52.61	7.00	59.61	68.20	8.59	PK	Horizontal
2	5740.20	55.52	7.04	62.56	68.20	5.64	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5724.75	37.95	7.00	44.95	54.00	9.05	AV	Horizontal
2	5739.77	39.17	7.04	46.21	54.00	7.79	AV	Horizontal

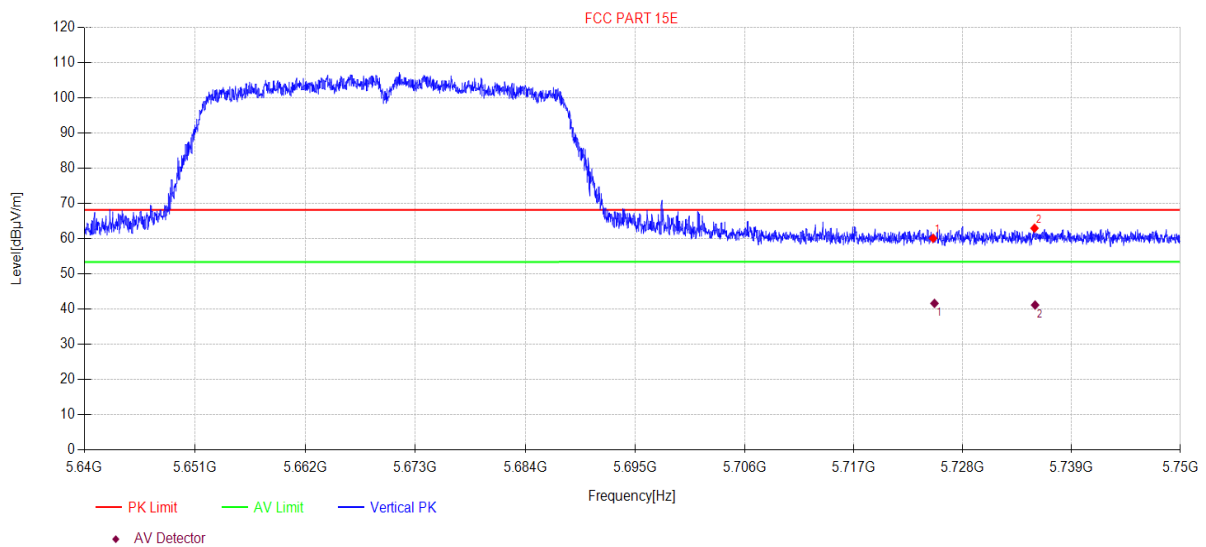
Note:

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\121
Memo: 11N40 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	53.11	7.00	60.11	68.20	8.09	PK	Vertical
2	5735.24	55.97	7.02	62.99	68.20	5.21	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5725.14	34.62	7.00	41.62	54.00	12.38	AV	Vertical
2	5735.30	34.13	7.02	41.15	54.00	12.85	AV	Vertical

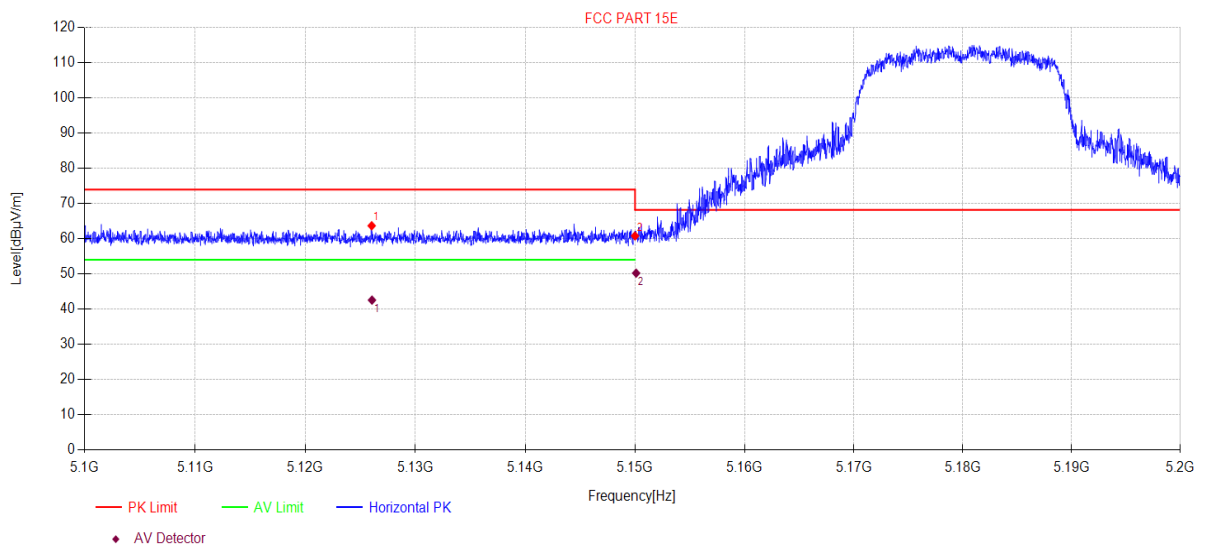
Note:

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\122
Memo: 11AC20 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5126.03	57.70	5.98	63.68	74.00	10.32	PK	Horizontal
2	5150.00	54.81	5.99	60.80	74.00	13.20	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5126.05	36.57	5.98	42.55	54.00	11.45	AV	Horizontal
2	5150.10	44.23	5.99	50.22	54.00	3.78	AV	Horizontal

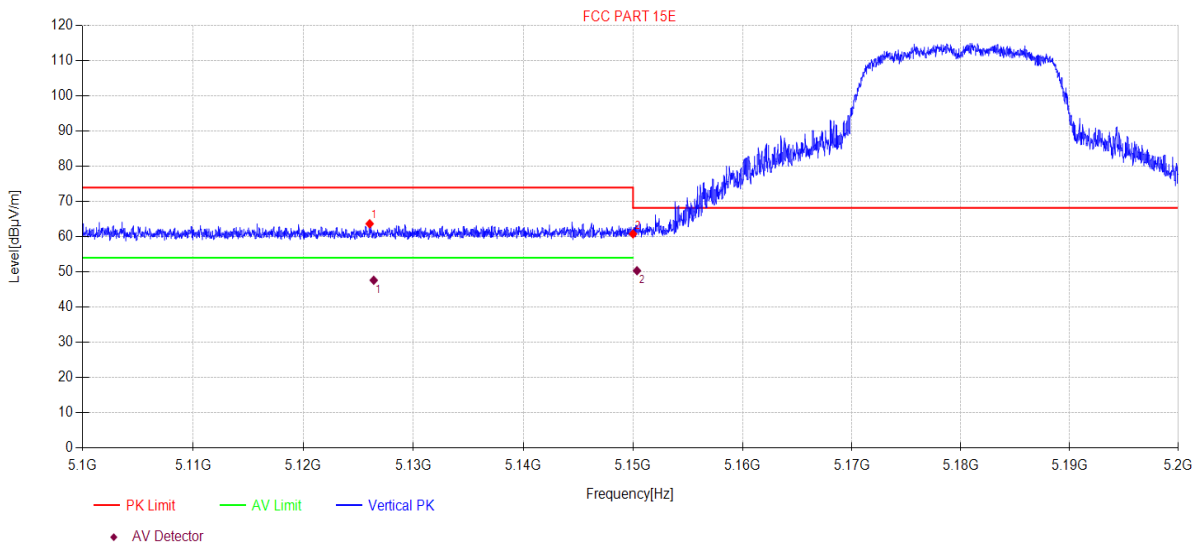
Note:

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\123
Memo: 11AC20 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5126.03	57.70	5.98	63.68	74.00	10.32	PK	Vertical
2	5150.00	54.81	5.99	60.80	74.00	13.20	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5126.40	41.65	5.98	47.63	54.00	6.37	AV	Vertical
2	5150.36	44.34	5.99	50.33	54.00	3.67	AV	Vertical

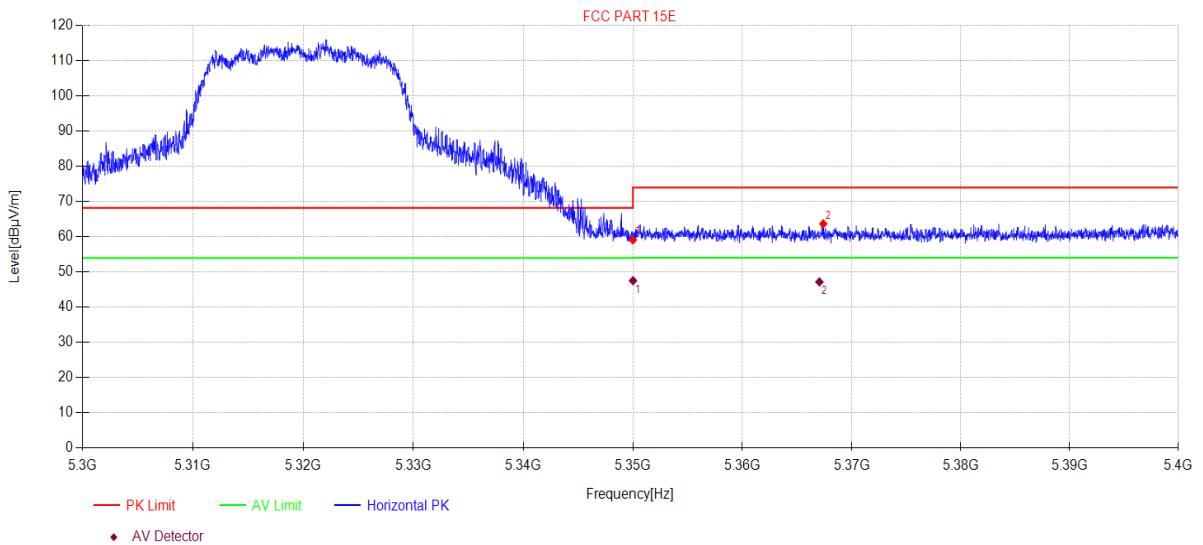
Note:

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\128
Memo: 11AC20 5320

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	52.96	6.15	59.11	68.20	9.09	PK	Horizontal
2	5367.40	57.50	6.16	63.66	74.00	10.34	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.01	41.36	6.15	47.51	54.00	6.49	AV	Horizontal
2	5367.05	40.98	6.16	47.14	54.00	6.86	AV	Horizontal

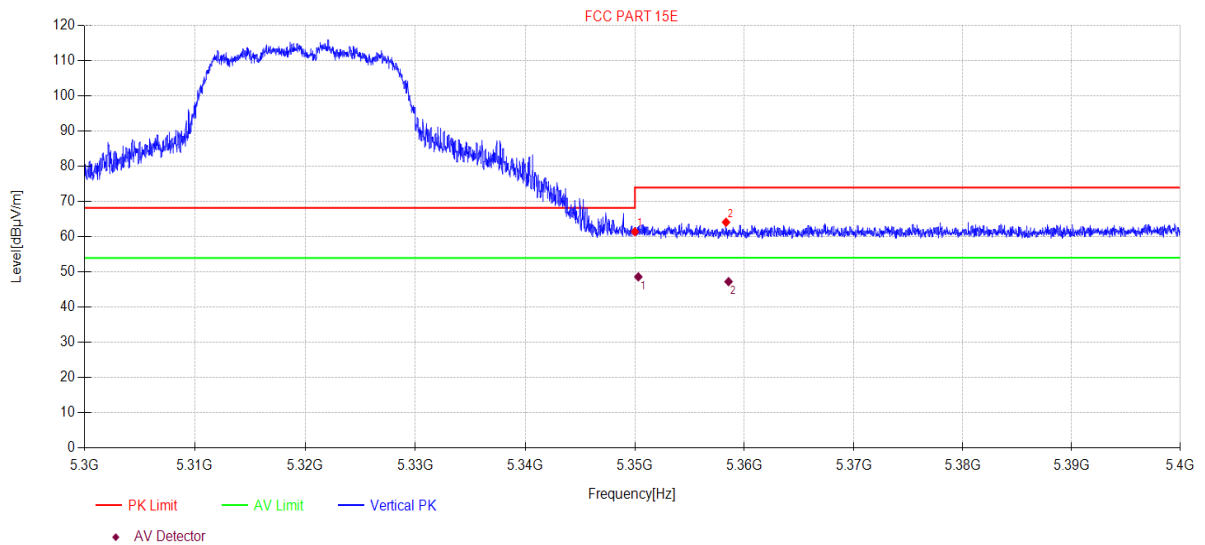
Note:

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\129
Memo: 11AC20 5320

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	55.27	6.15	61.42	68.20	6.78	PK	Vertical
2	5358.32	57.96	6.16	64.12	74.00	9.88	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.31	42.44	6.15	48.59	54.00	5.41	AV	Vertical
2	5358.55	41.08	6.15	47.23	54.00	6.77	AV	Vertical

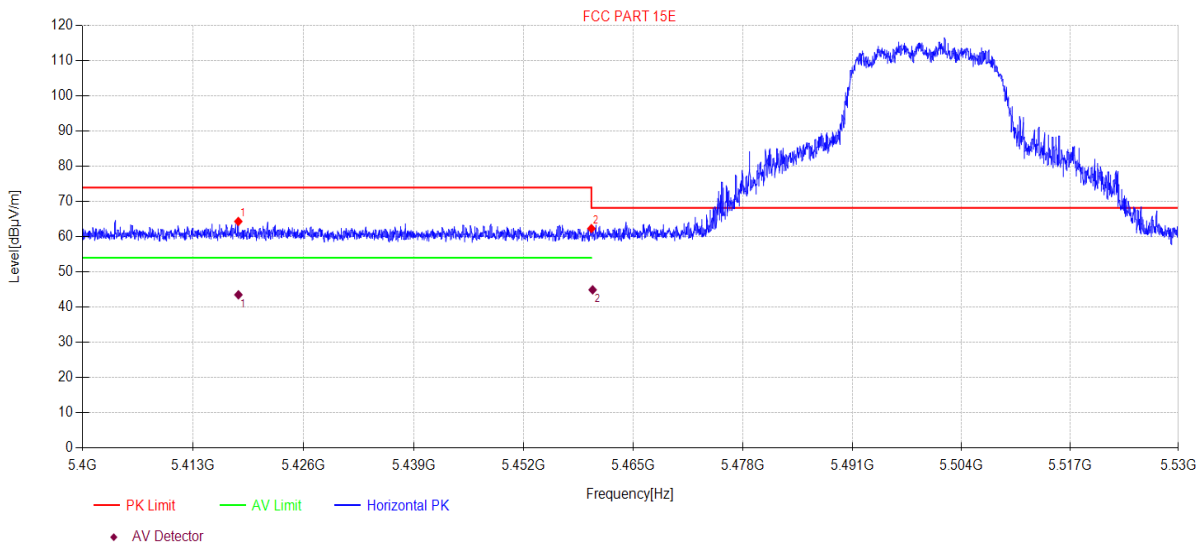
Note:

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\130
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	5418.32	58.13	6.21	64.34	74.00	9.66	PK	Horizontal
2	5460.00	56.09	6.24	62.33	74.00	11.67	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5418.32	37.29	6.21	43.50	54.00	10.5	AV	Horizontal
2	5460.14	38.67	6.24	44.91	54.00	9.09	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.