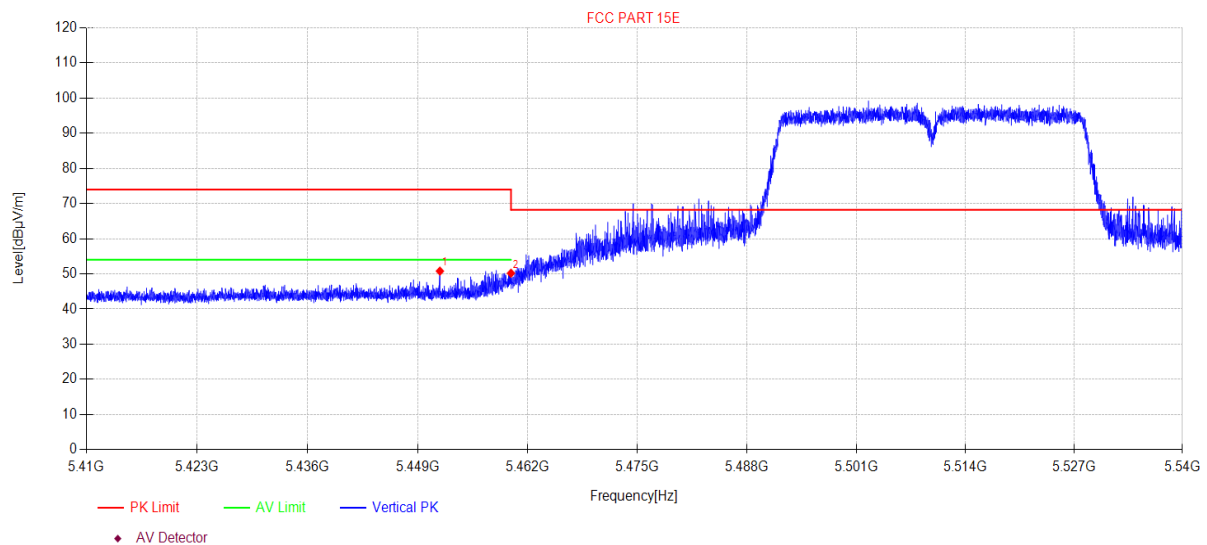


TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-09-09
EUT: Wireless Multi-Channel Soundbar
Test Mode: TX Mode
Condition: Temp:20.9°C;Humi:65.5%
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\54
Memo: 11N40MIMO 5510

Tested By: Bairong
Model Number: CITATION MULTIBEAM 700
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.60	52.18	5.74	32.90	-40.02	50.80	74.00	23.20	PK	Vertical
2	5460.00	51.57	5.74	32.90	-40.02	50.19	68.20	18.01	PK	Vertical

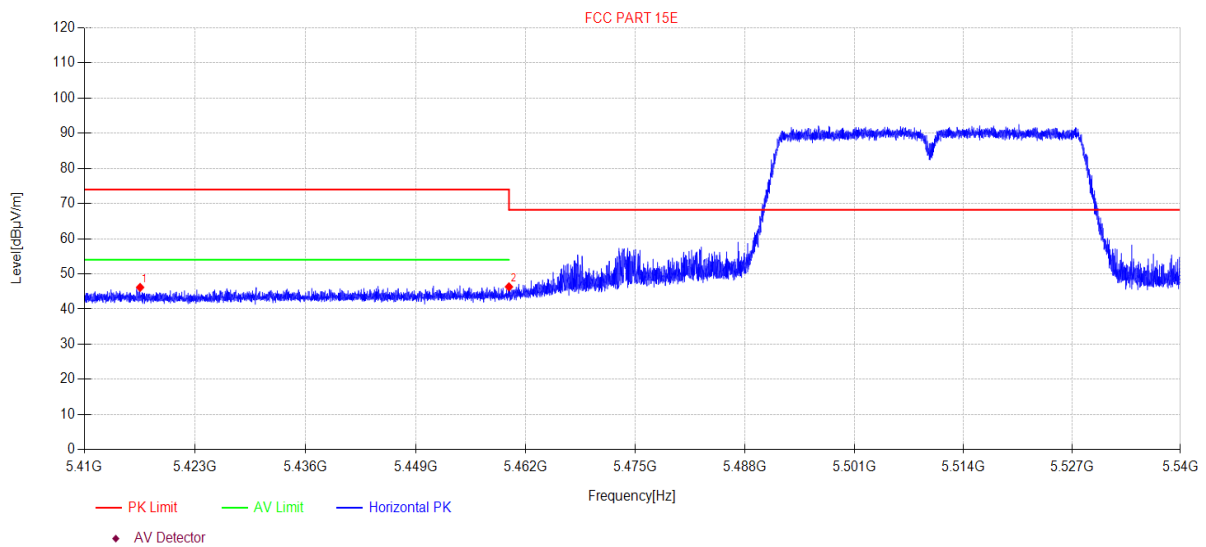
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\55
Memo: 11AC40MIMO 5510

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5416.54	47.58	5.72	32.90	-40.03	46.17	74.00	27.83	PK	Horizontal
2	5460.00	47.70	5.74	32.90	-40.02	46.32	68.20	21.88	PK	Horizontal

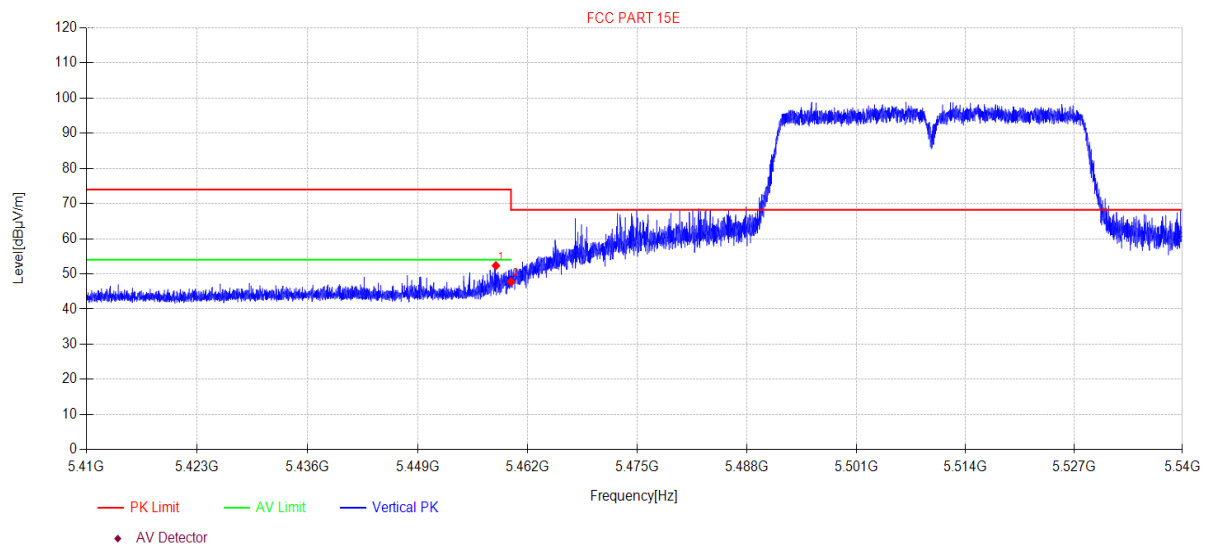
Note:

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: 2023-09-09
Tested By: Bairong
EUT: Wireless Multi-Channel Soundbar
Model Number: CITATION MULTIBEAM 700
Test Mode: TX Mode
Power Supply: AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5%
Test Site: DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\56
Memo: 11AC40MIMO 5510

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.22	53.73	5.74	32.90	-40.02	52.35	74.00	21.65	PK	Vertical
2	5460.00	49.17	5.74	32.90	-40.02	47.79	68.20	20.41	PK	Vertical

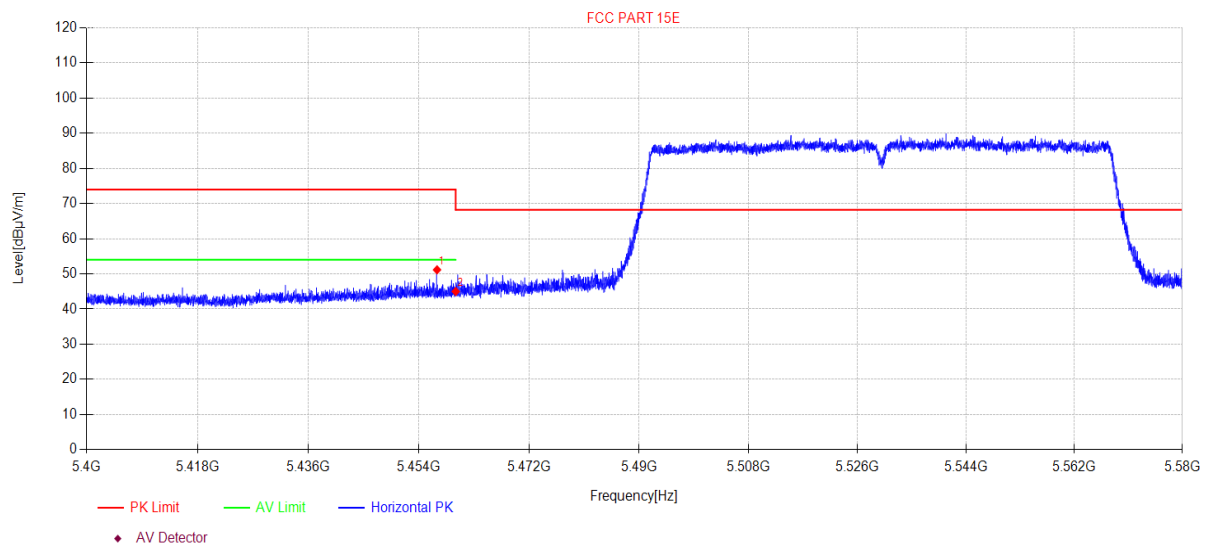
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\57
Memo: 11AC80MIMO 5530

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.95	52.54	5.74	32.90	-40.02	51.16	74.00	22.84	PK	Horizontal
2	5460.00	46.39	5.74	32.90	-40.02	45.01	68.20	23.19	PK	Horizontal

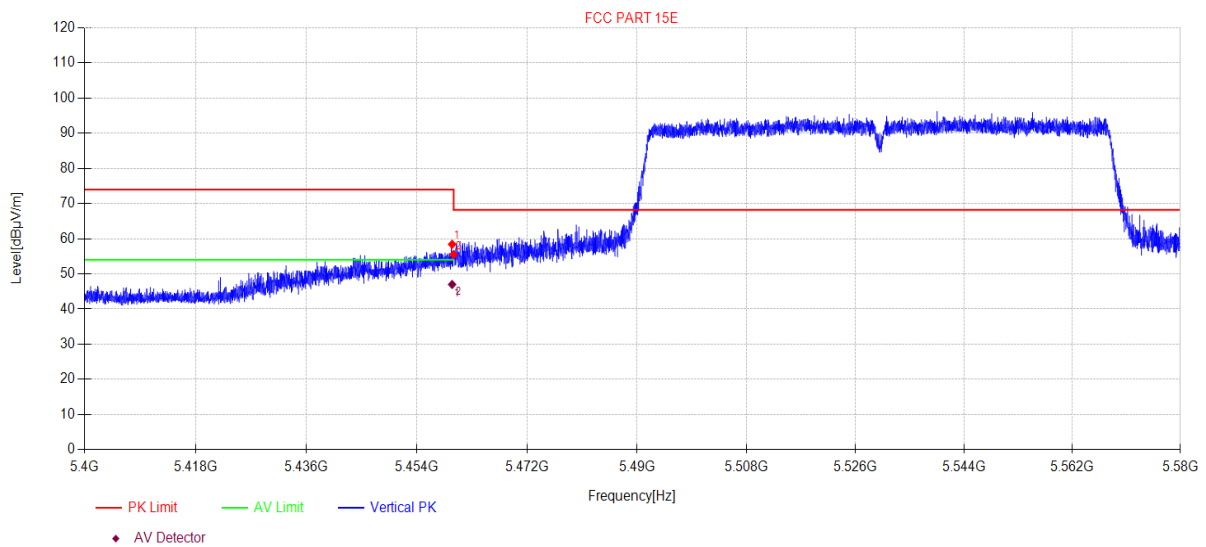
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\58
Memo: 11AC80MIMO 5530

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.74	59.80	5.74	32.90	-40.02	58.42	74.00	15.58	PK	Vertical
2	5460.00	56.91	5.74	32.90	-40.02	55.53	68.20	12.67	PK	Vertical

Final Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.74	48.39	5.74	32.90	-40.02	47.01	54.00	6.99	AV	Vertical
2	5460.00	49.00	5.74	32.90	-40.02	47.62	54.00	6.38	AV	Vertical

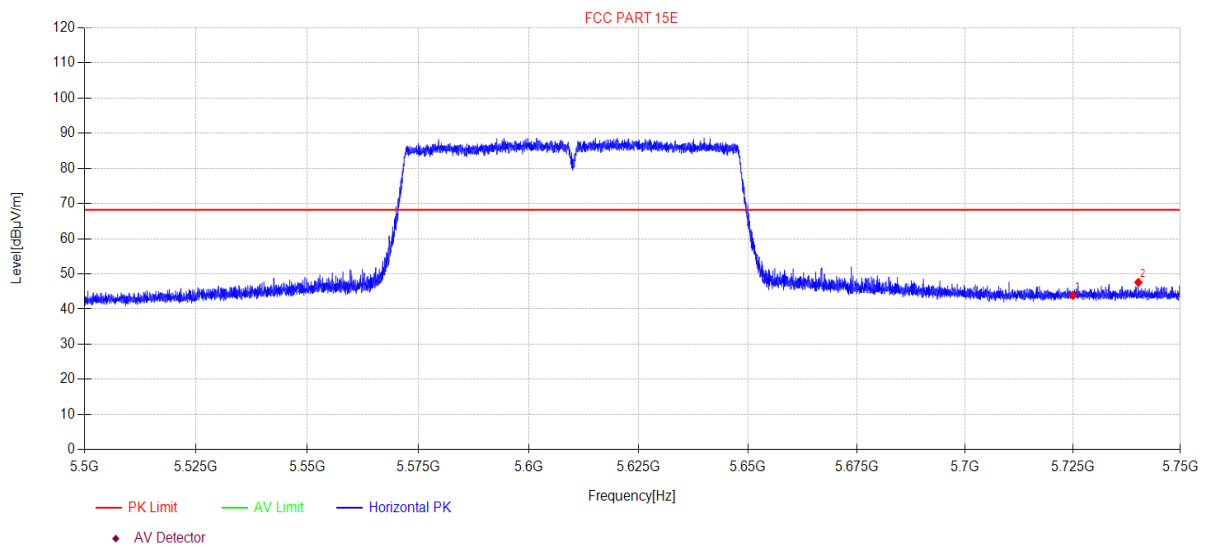
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\59
Memo: 11AC80MIMO 5610

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	44.58	5.87	33.45	-39.99	43.91	68.20	24.29	PK	Horizontal
2	5740.23	48.22	5.88	33.48	-39.98	47.60	68.20	20.60	PK	Horizontal

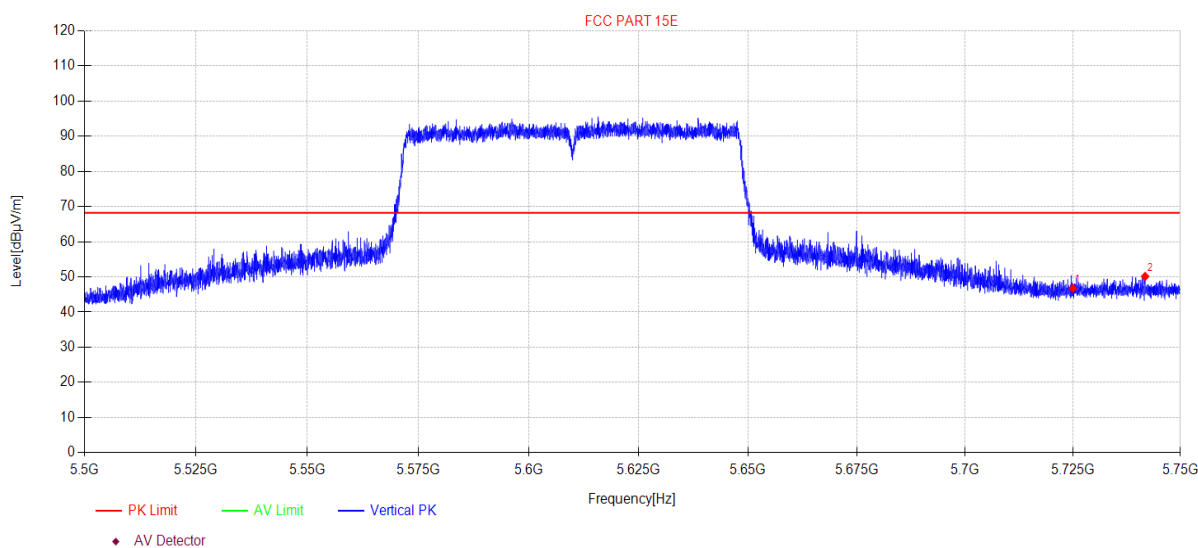
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\60
Memo: 11AC80MIMO 5610

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	47.44	5.87	33.45	-39.99	46.77	68.20	21.43	PK	Vertical
2	5741.80	50.76	5.88	33.48	-39.98	50.14	68.20	18.06	PK	Vertical

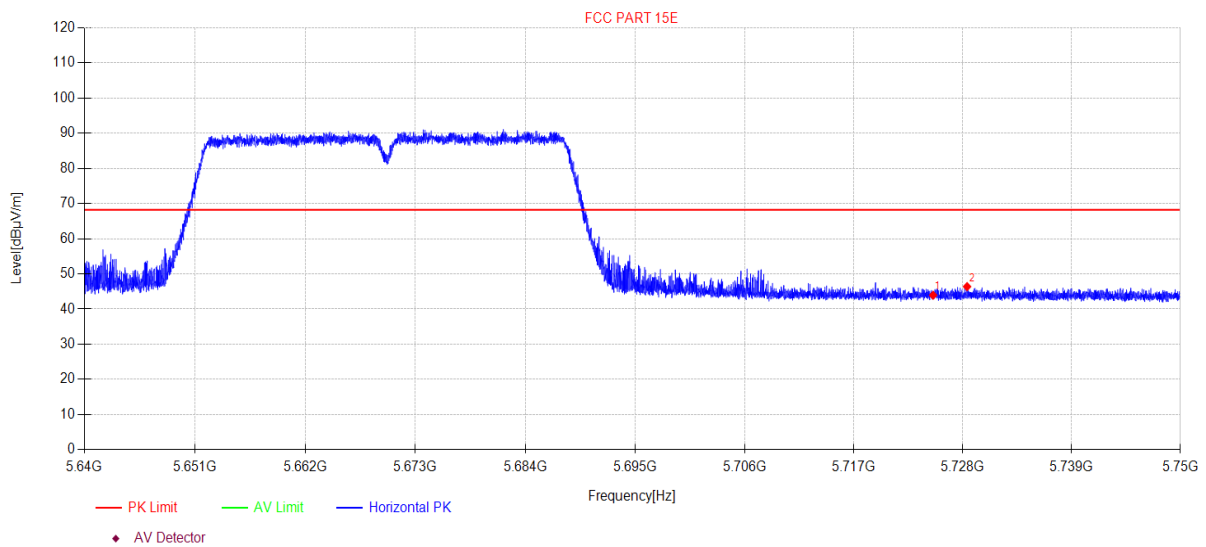
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\61
Memo: 11N40MIMO 5670

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	44.61	5.87	33.45	-39.99	43.94	68.20	24.26	PK	Horizontal
2	5728.43	47.05	5.87	33.46	-39.99	46.39	68.20	21.81	PK	Horizontal

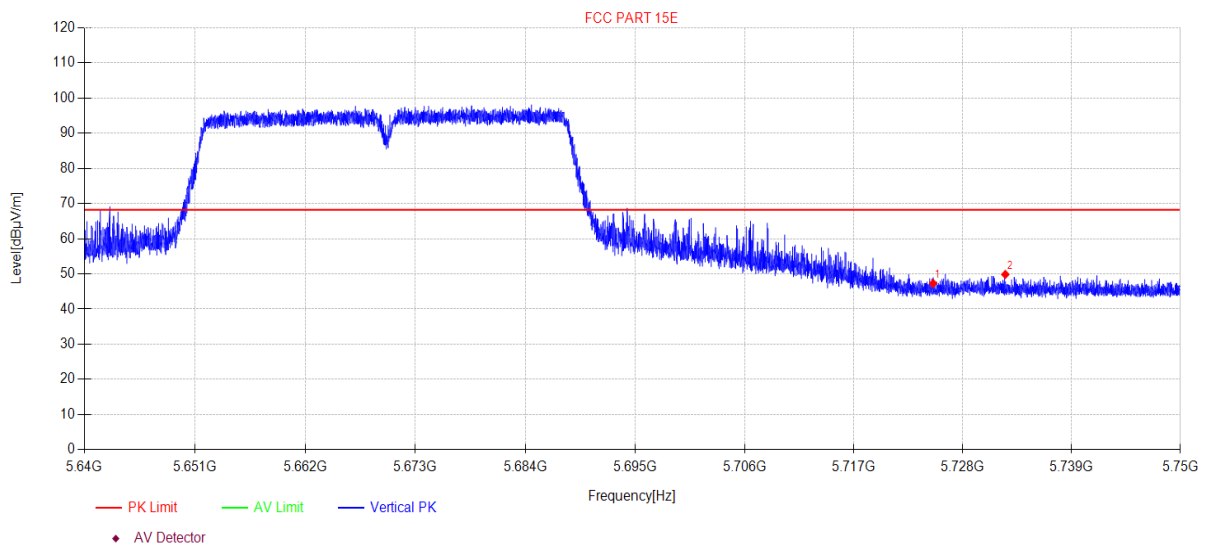
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\62
Memo: 11N40MIMO 5670

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	47.97	5.87	33.45	-39.99	47.30	68.20	20.90	PK	Vertical
2	5732.29	50.49	5.88	33.46	-39.98	49.85	68.20	18.35	PK	Vertical

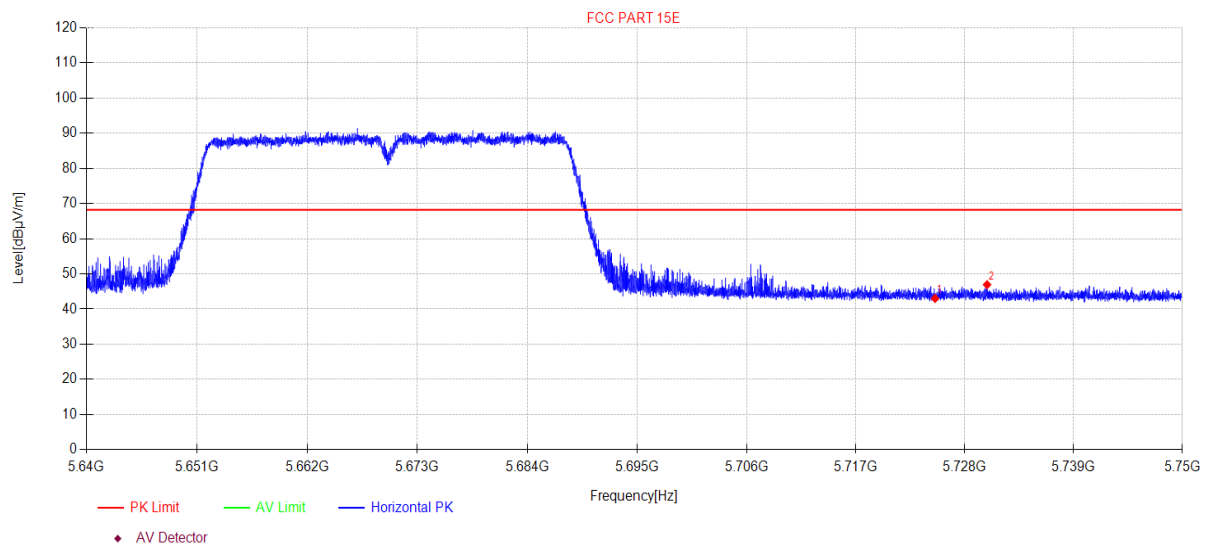
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\63
Memo: 11AC40MIMO 5670

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	43.70	5.87	33.45	-39.99	43.03	68.20	25.17	PK	Horizontal
2	5730.24	47.59	5.88	33.46	-39.99	46.94	68.20	21.26	PK	Horizontal

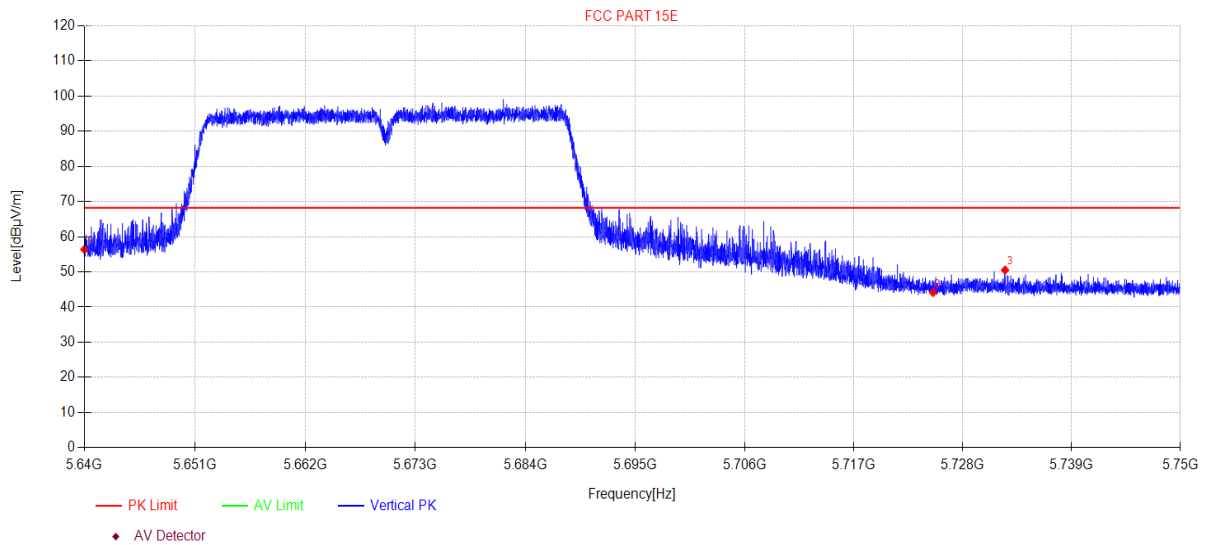
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\64
Memo: 11AC40MIMO 5670

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5640.00	57.39	5.83	33.18	-40.00	56.40	68.20	11.80	PK	Vertical
2	5725.00	44.81	5.87	33.45	-39.99	44.14	68.20	24.06	PK	Vertical
3	5732.27	51.16	5.88	33.46	-39.98	50.52	68.20	17.68	PK	Vertical

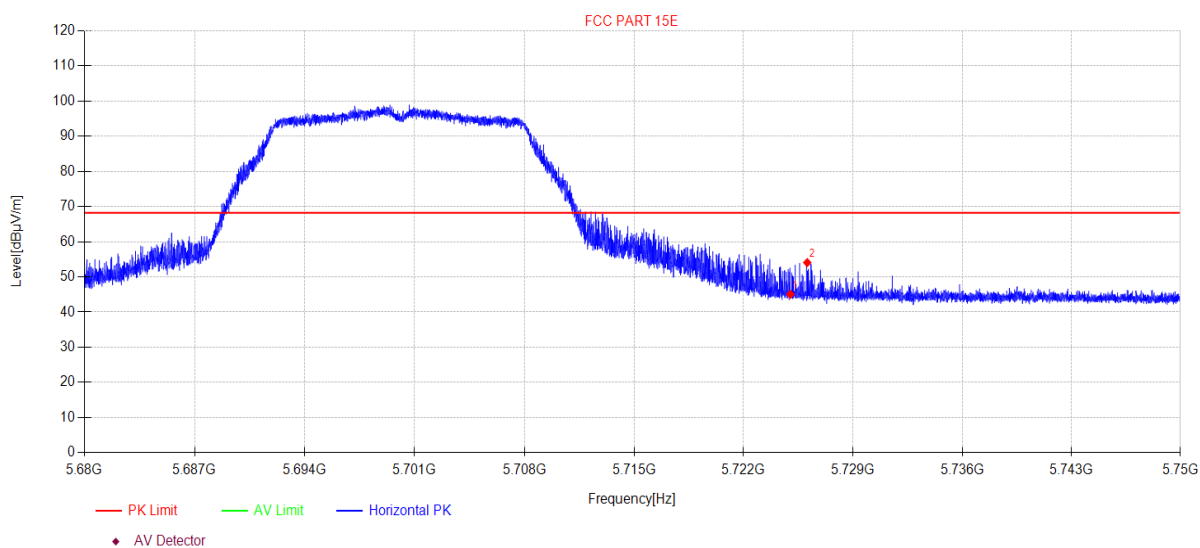
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\65
Memo: 11A 5700 ANT1

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	45.72	5.87	33.45	-39.99	45.05	68.20	23.15	PK	Horizontal
2	5726.07	54.74	5.87	33.45	-39.99	54.07	68.20	14.13	PK	Horizontal

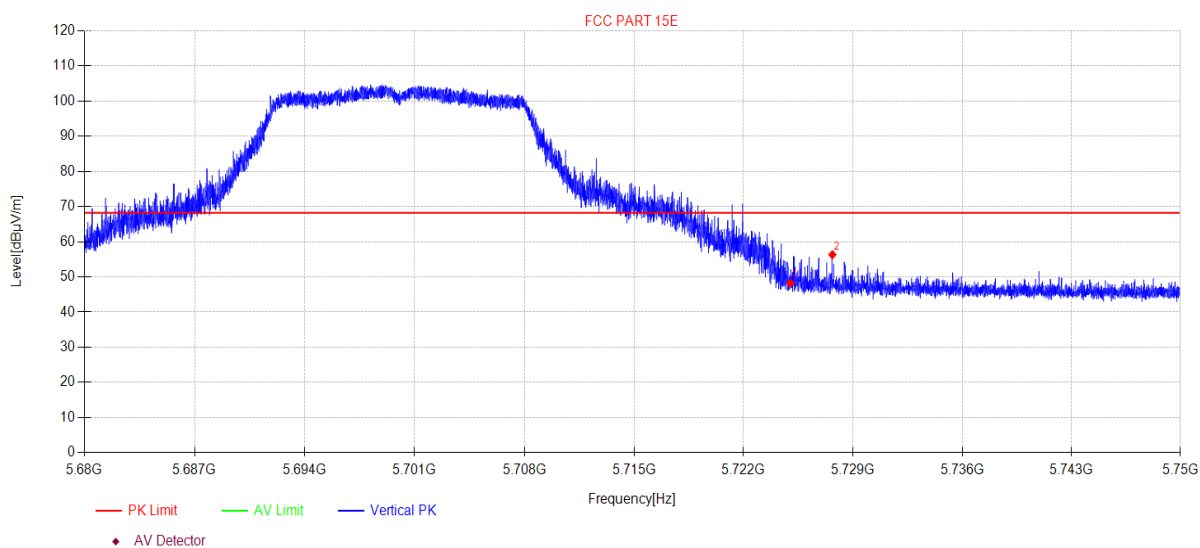
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\66
Memo: 11A 5700 ANT1

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	48.89	5.87	33.45	-39.99	48.22	68.20	19.98	PK	Vertical
2	5727.68	56.98	5.87	33.46	-39.99	56.32	68.20	11.88	PK	Vertical

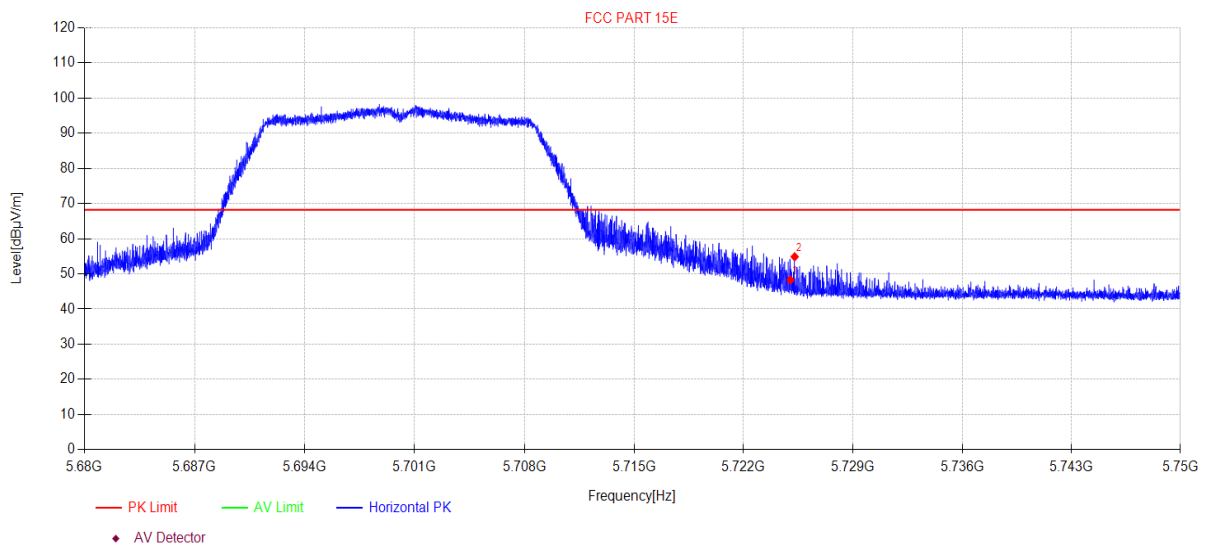
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\67
Memo: 11N20MIMO 5700

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	48.95	5.87	33.45	-39.99	48.28	68.20	19.92	PK	Horizontal
2	5725.27	55.55	5.87	33.45	-39.99	54.88	68.20	13.32	PK	Horizontal

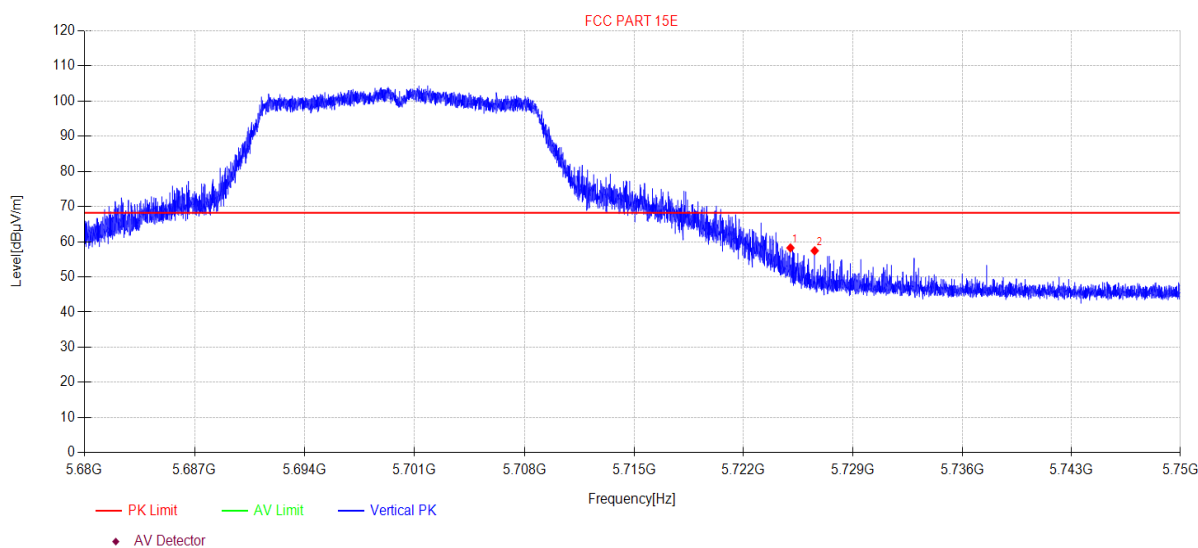
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\68
Memo: 11N20MIMO 5700

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	58.92	5.87	33.45	-39.99	58.25	68.20	9.95	PK	Vertical
2	5726.55	58.10	5.87	33.45	-39.99	57.43	68.20	10.77	PK	Vertical

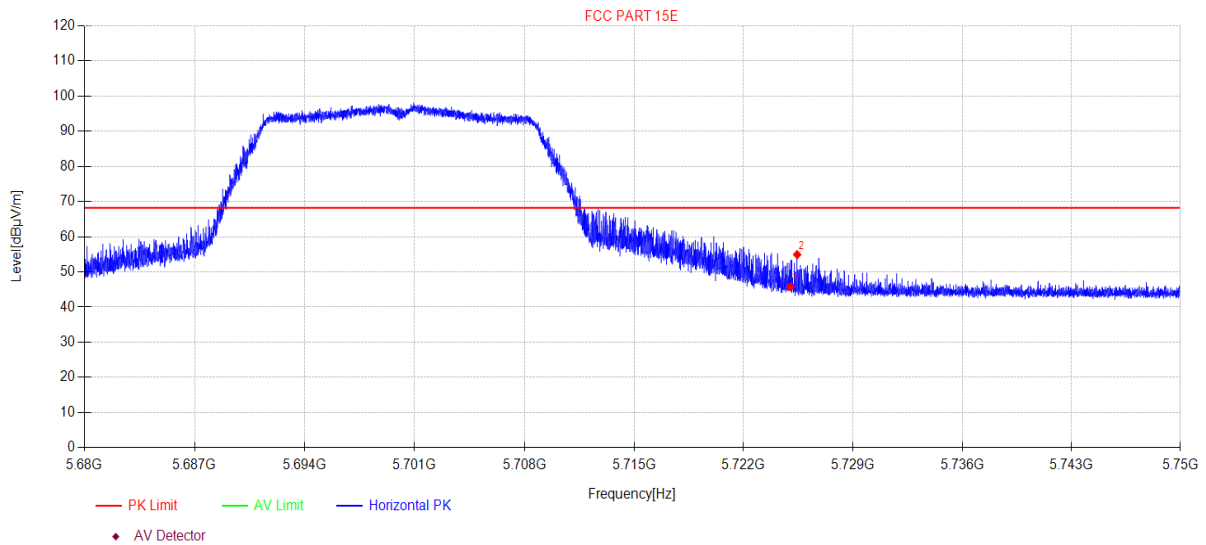
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\69
Memo: 11AC20MIMO 5700

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	46.39	5.87	33.45	-39.99	45.72	68.20	22.48	PK	Horizontal
2	5725.43	55.58	5.87	33.45	-39.99	54.91	68.20	13.29	PK	Horizontal

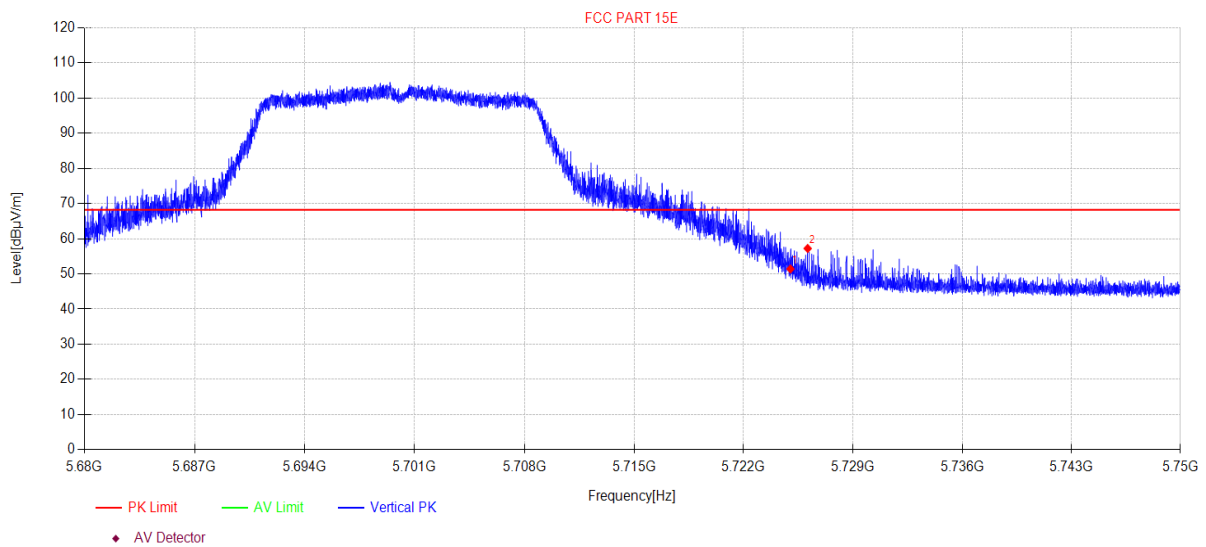
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\70
Memo: 11AC20MIMO 5700

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	52.07	5.87	33.45	-39.99	51.40	68.20	16.80	PK	Vertical
2	5726.10	57.90	5.87	33.45	-39.99	57.23	68.20	10.97	PK	Vertical

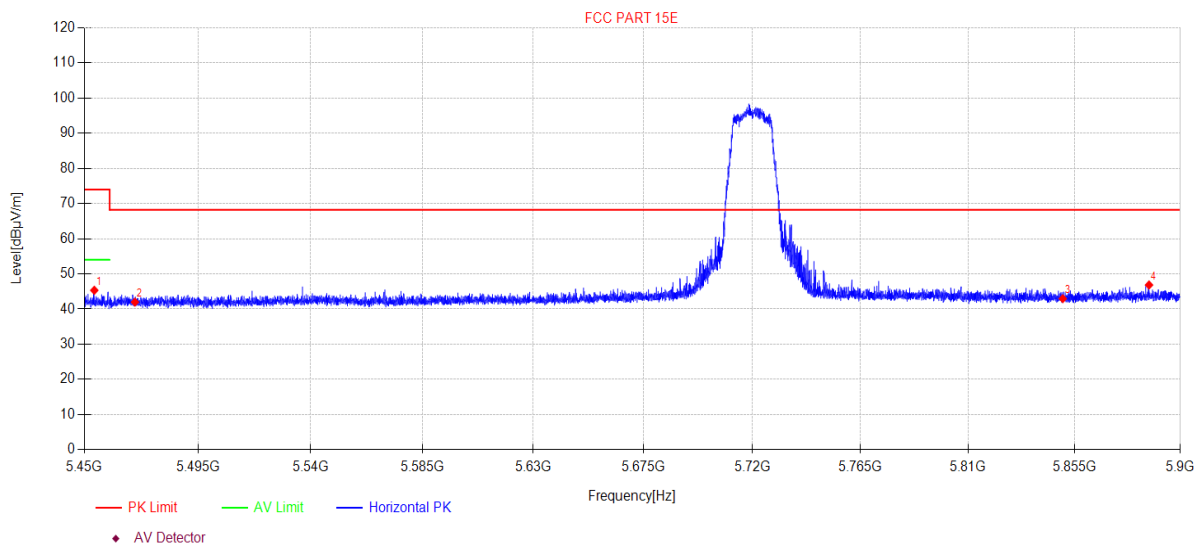
Note:

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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\71
Memo: 11A 5720 ANT1

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.92	46.72	5.74	32.90	-40.02	45.34	74.00	28.66	PK	Horizontal
2	5470.00	43.36	5.75	32.90	-40.02	41.99	68.20	26.21	PK	Horizontal
3	5850.00	43.20	5.94	33.80	-39.97	42.97	68.20	25.23	PK	Horizontal
4	5886.64	46.99	5.95	33.87	-39.96	46.85	68.20	21.35	PK	Horizontal

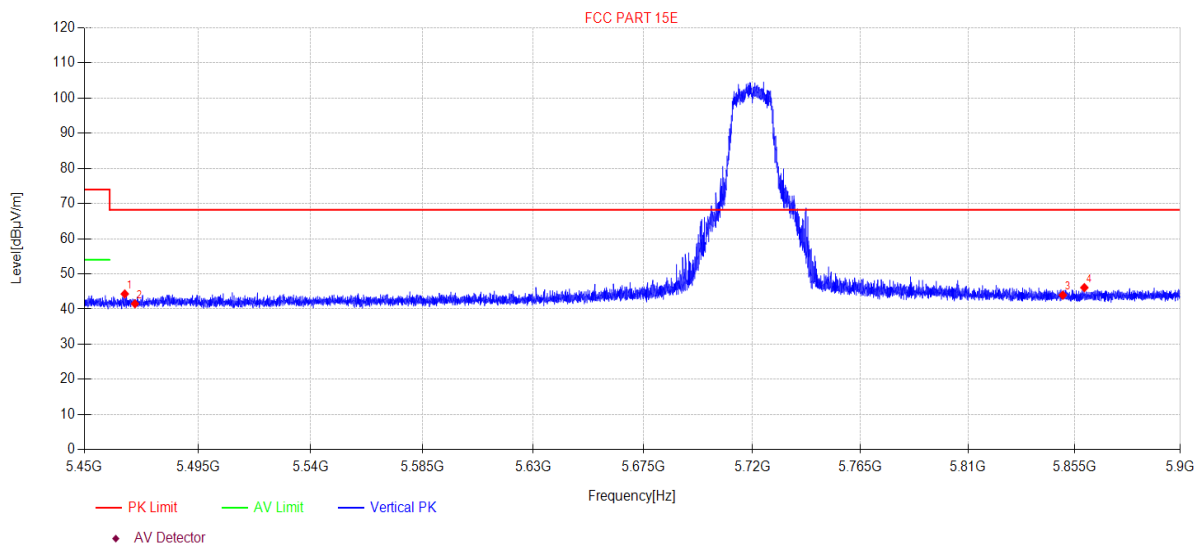
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\72
Memo: 11A 5720 ANT1

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5465.98	45.69	5.74	32.90	-40.02	44.31	68.20	23.89	PK	Vertical
2	5470.00	42.88	5.75	32.90	-40.02	41.51	68.20	26.69	PK	Vertical
3	5850.00	44.20	5.94	33.80	-39.97	43.97	68.20	24.23	PK	Vertical
4	5859.14	46.31	5.94	33.82	-39.97	46.10	68.20	22.10	PK	Vertical

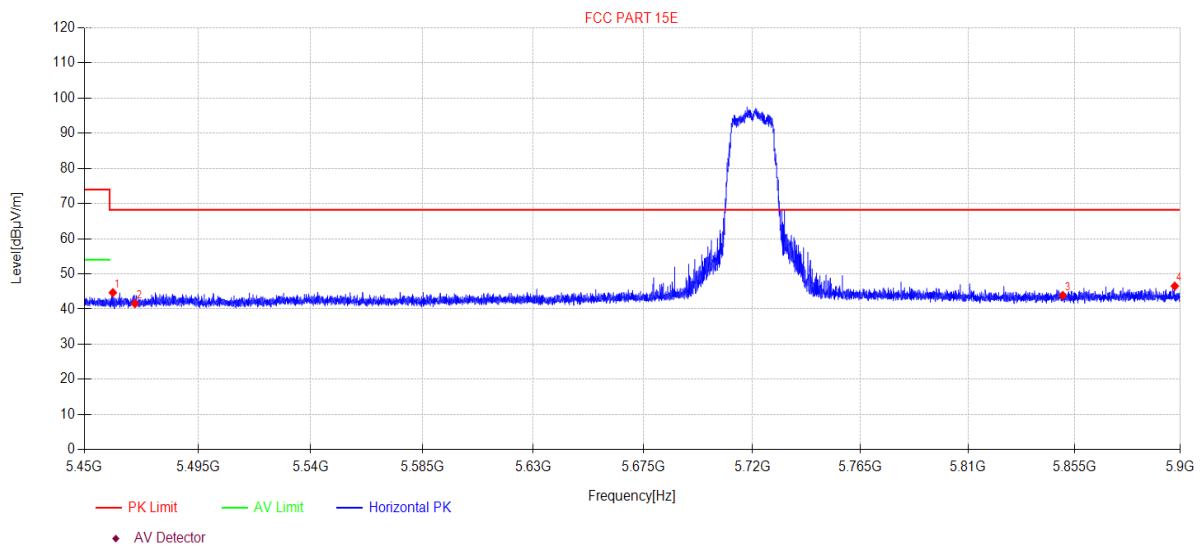
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\73
Memo: 11N20MIMO 5720

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5461.25	46.05	5.74	32.90	-40.02	44.67	68.20	23.53	PK	Horizontal
2	5470.00	42.93	5.75	32.90	-40.02	41.56	68.20	26.64	PK	Horizontal
3	5850.00	44.12	5.94	33.80	-39.97	43.89	68.20	24.31	PK	Horizontal
4	5897.62	46.63	5.96	33.90	-39.96	46.53	68.20	21.67	PK	Horizontal

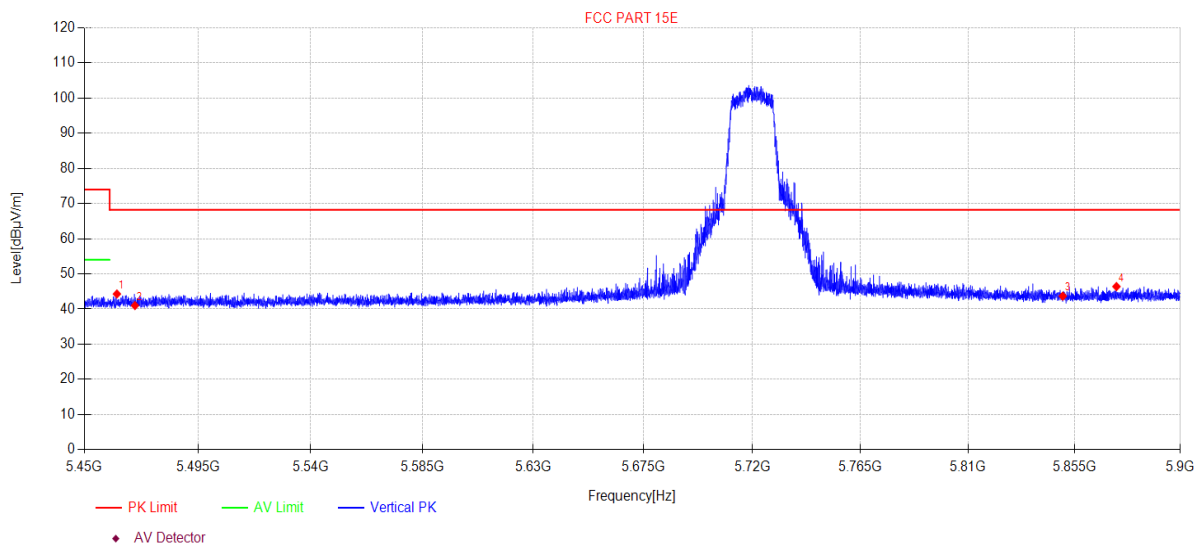
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\74
Memo: 11N20MIMO 5720

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5462.87	45.67	5.74	32.90	-40.02	44.29	68.20	23.91	PK	Vertical
2	5470.00	42.37	5.75	32.90	-40.02	41.00	68.20	27.20	PK	Vertical
3	5850.00	43.91	5.94	33.80	-39.97	43.68	68.20	24.52	PK	Vertical
4	5872.78	46.57	5.95	33.85	-39.97	46.40	68.20	21.80	PK	Vertical

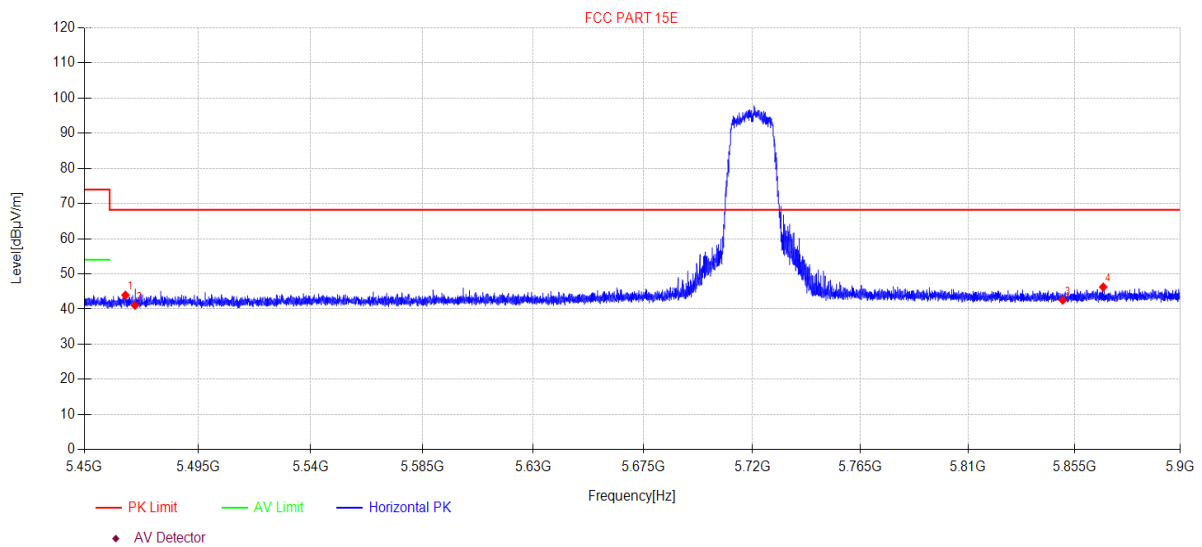
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\75
Memo: 11AC20MIMO 5720

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5466.25	45.34	5.74	32.90	-40.02	43.96	68.20	24.24	PK	Horizontal
2	5470.00	42.44	5.75	32.90	-40.02	41.07	68.20	27.13	PK	Horizontal
3	5850.00	42.76	5.94	33.80	-39.97	42.53	68.20	25.67	PK	Horizontal
4	5867.15	46.46	5.94	33.83	-39.97	46.26	68.20	21.94	PK	Horizontal

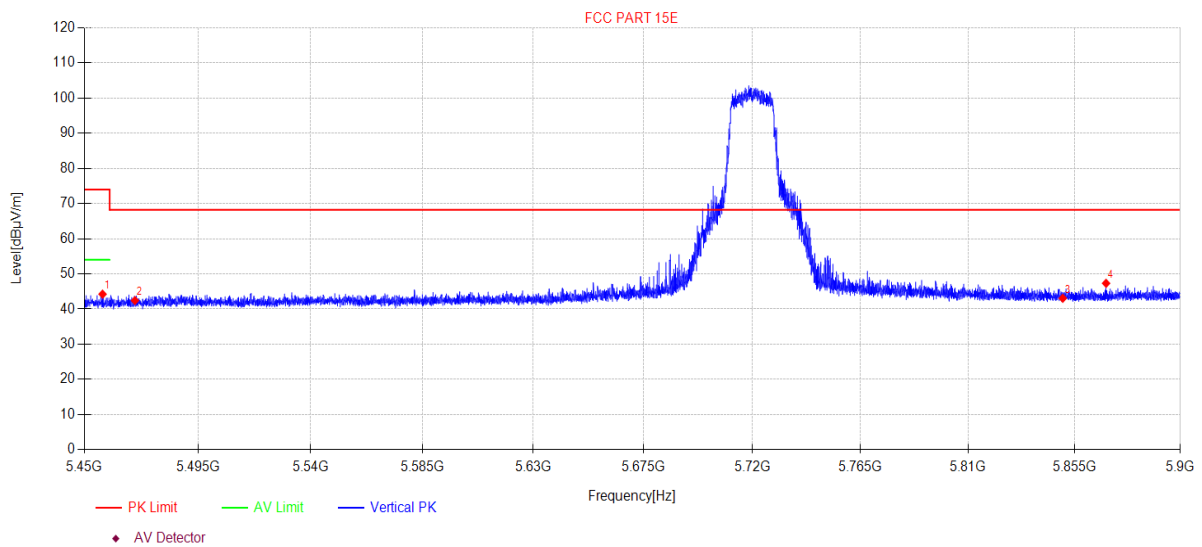
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\76
Memo: 11AC20MIMO 5720

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.20	45.62	5.74	32.90	-40.02	44.24	74.00	29.76	PK	Vertical
2	5470.00	43.80	5.75	32.90	-40.02	42.43	68.20	25.77	PK	Vertical
3	5850.00	43.30	5.94	33.80	-39.97	43.07	68.20	25.13	PK	Vertical
4	5868.37	47.52	5.94	33.84	-39.97	47.33	68.20	20.87	PK	Vertical

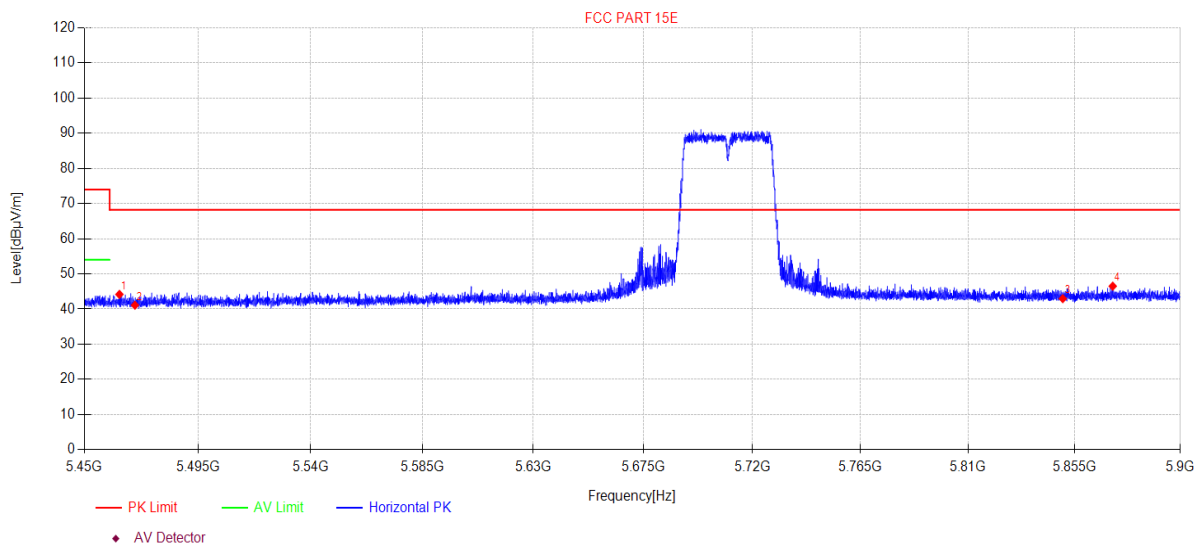
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\77
Memo: 11N40MIMO 5710

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5463.86	45.56	5.74	32.90	-40.02	44.18	68.20	24.02	PK	Horizontal
2	5470.00	42.47	5.75	32.90	-40.02	41.10	68.20	27.10	PK	Horizontal
3	5850.00	43.20	5.94	33.80	-39.97	42.97	68.20	25.23	PK	Horizontal
4	5871.20	46.69	5.95	33.84	-39.97	46.51	68.20	21.69	PK	Horizontal

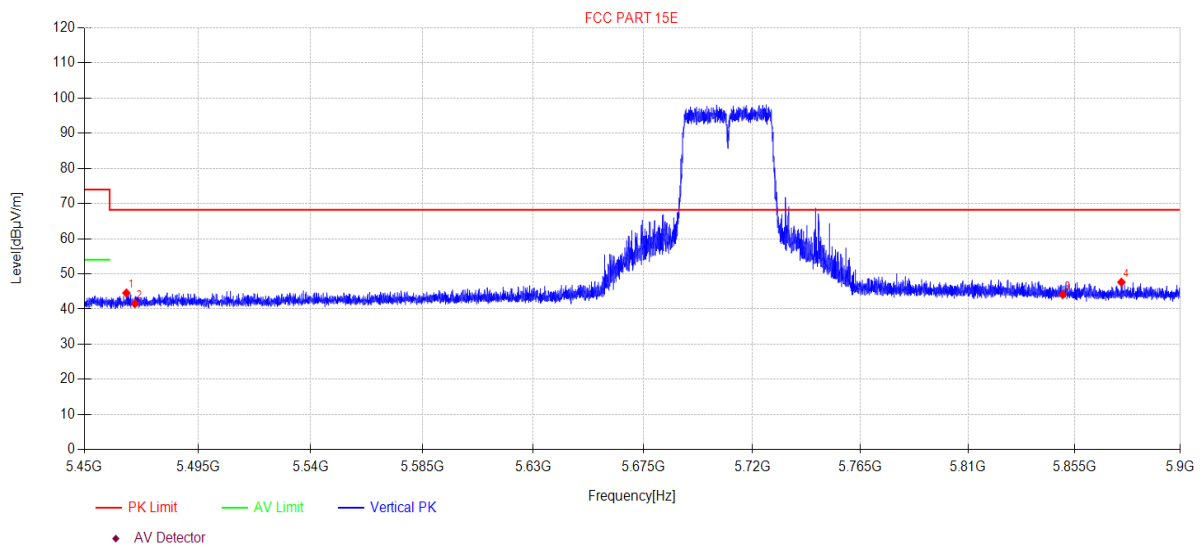
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\78
Memo: 11N40MIMO 5710

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5466.61	45.95	5.74	32.90	-40.02	44.57	68.20	23.63	PK	Vertical
2	5470.00	42.93	5.75	32.90	-40.02	41.56	68.20	26.64	PK	Vertical
3	5850.00	44.33	5.94	33.80	-39.97	44.10	68.20	24.10	PK	Vertical
4	5874.89	47.80	5.95	33.85	-39.97	47.63	68.20	20.57	PK	Vertical

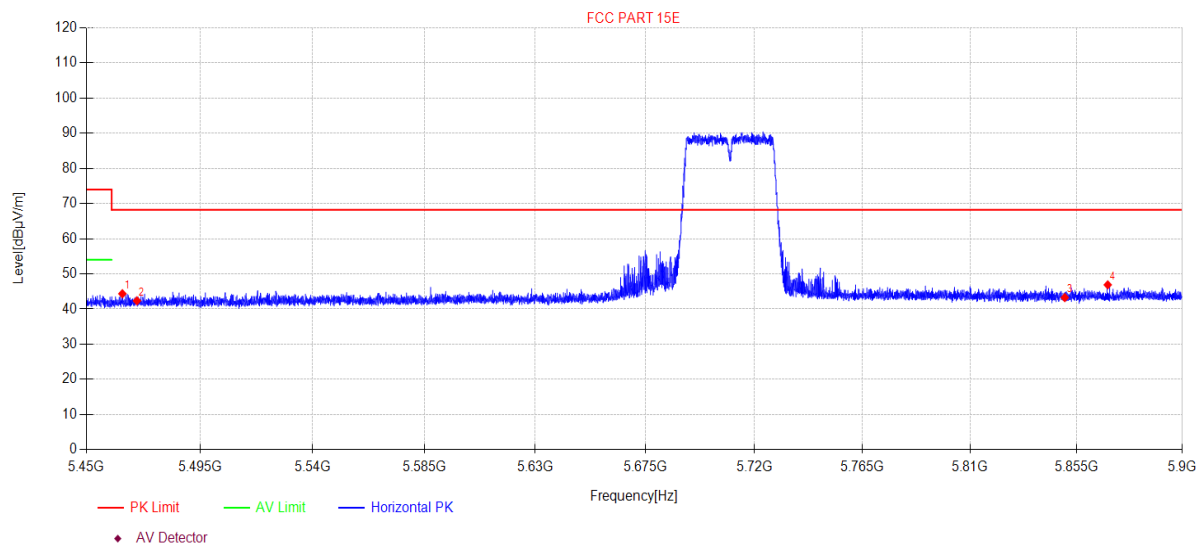
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\79
Memo: 11AC40MIMO 5710

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5464.22	45.74	5.74	32.90	-40.02	44.36	68.20	23.84	PK	Horizontal
2	5470.00	43.72	5.75	32.90	-40.02	42.35	68.20	25.85	PK	Horizontal
3	5850.00	43.50	5.94	33.80	-39.97	43.27	68.20	24.93	PK	Horizontal
4	5868.23	47.09	5.94	33.84	-39.97	46.90	68.20	21.30	PK	Horizontal

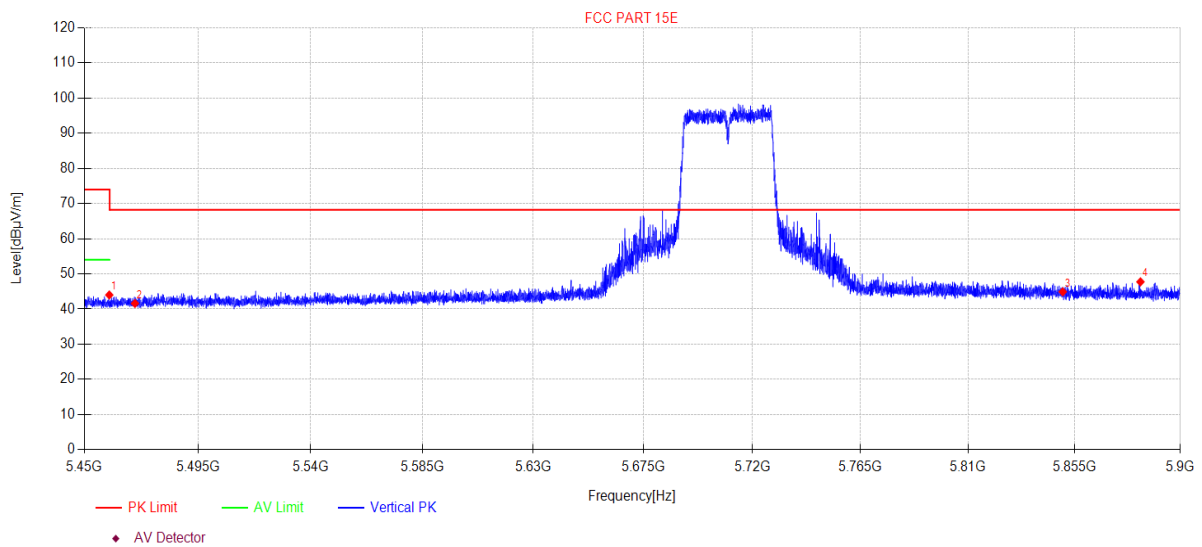
Note:

- 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: 2023-09-09 **Tested By:** Bairong
EUT: Wireless Multi-Channel Soundbar **Model Number:** CITATION MULTIBEAM 700
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:20.9°C;Humi:65.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23082223-2E CITATION MULTIBEAM 700\FCC ABOVE 1G 5GWIFI\80
Memo: 11AC40MIMO 5710

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.86	45.39	5.74	32.90	-40.02	44.01	74.00	29.99	PK	Vertical
2	5470.00	42.98	5.75	32.90	-40.02	41.61	68.20	26.59	PK	Vertical
3	5850.00	45.15	5.94	33.80	-39.97	44.92	68.20	23.28	PK	Vertical
4	5882.99	47.89	5.95	33.87	-39.97	47.74	68.20	20.46	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.