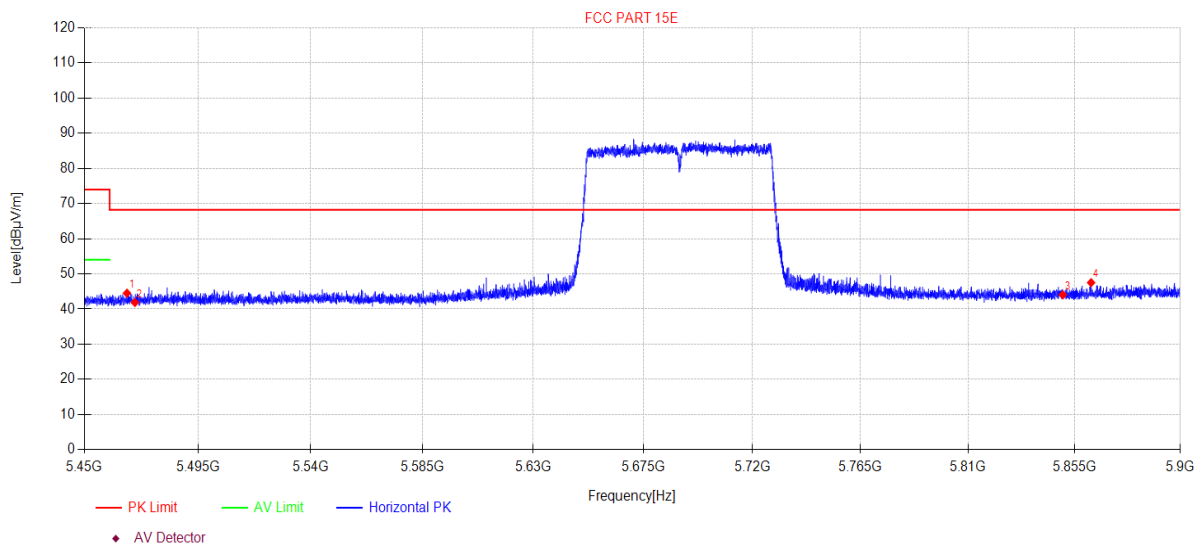


TR-4-E-009 Radiated Emission Test Result

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\81
Memo: 11AC80MIMO 5690

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	5466.83	45.91	5.74	32.90	-40.02	44.53	68.20	23.67	PK	Horizontal
2	5470.00	43.25	5.75	32.90	-40.02	41.88	68.20	26.32	PK	Horizontal
3	5850.00	44.29	5.94	33.80	-39.97	44.06	68.20	24.14	PK	Horizontal
4	5862.02	47.72	5.94	33.82	-39.97	47.51	68.20	20.69	PK	Horizontal

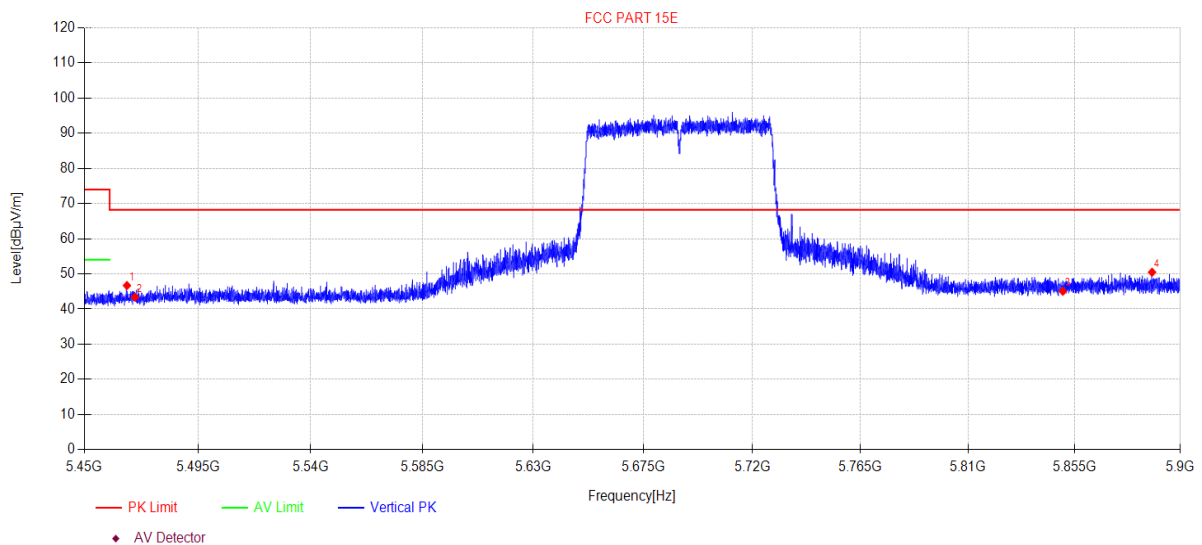
Note:

- 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\82
Memo: 11AC80MIMO 5690

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	5466.83	48.07	5.74	32.90	-40.02	46.69	68.20	21.51	PK	Vertical
2	5470.00	44.77	5.75	32.90	-40.02	43.40	68.20	24.80	PK	Vertical
3	5850.00	45.30	5.94	33.80	-39.97	45.07	68.20	23.13	PK	Vertical
4	5887.94	50.61	5.95	33.88	-39.96	50.48	68.20	17.72	PK	Vertical

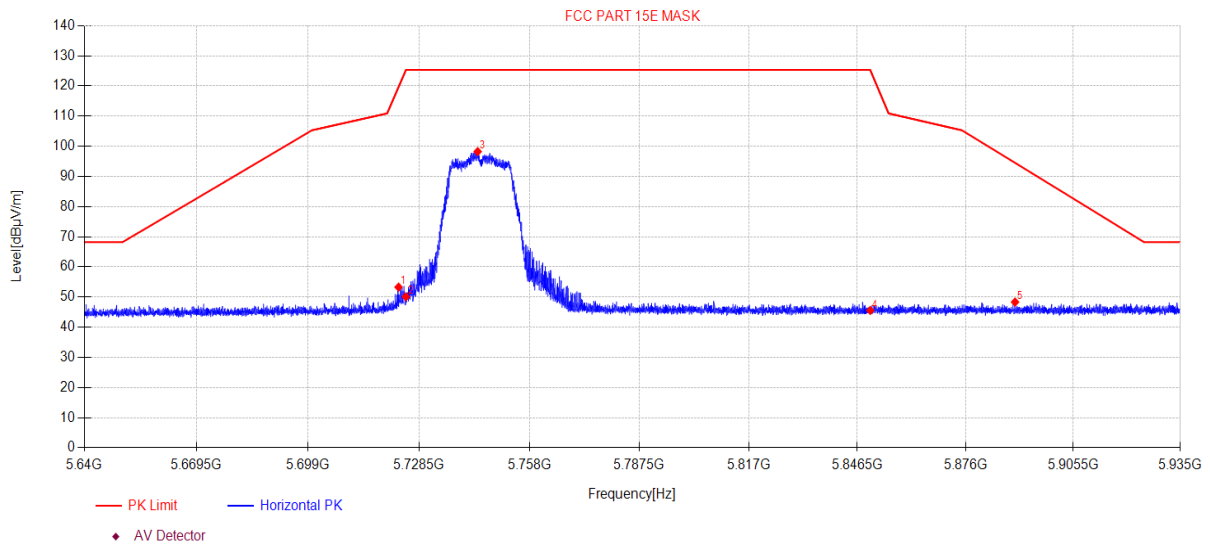
Note:

- 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 5.8GWIFI\7
Memo: 11A 5745 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	5723.04	54.77	5.87	33.45	-40.81	53.28	119.66	66.38	PK	Horizontal
2	5725.00	51.60	5.87	33.45	-40.81	50.11	125.30	75.19	PK	Horizontal
3	5744.14	99.67	5.88	33.49	-40.80	98.24	125.30	27.06	PK	Horizontal
4	5850.00	46.57	5.94	33.80	-40.76	45.55	125.27	79.72	PK	Horizontal
5	5889.54	49.24	5.95	33.88	-40.74	48.33	94.51	46.18	PK	Horizontal

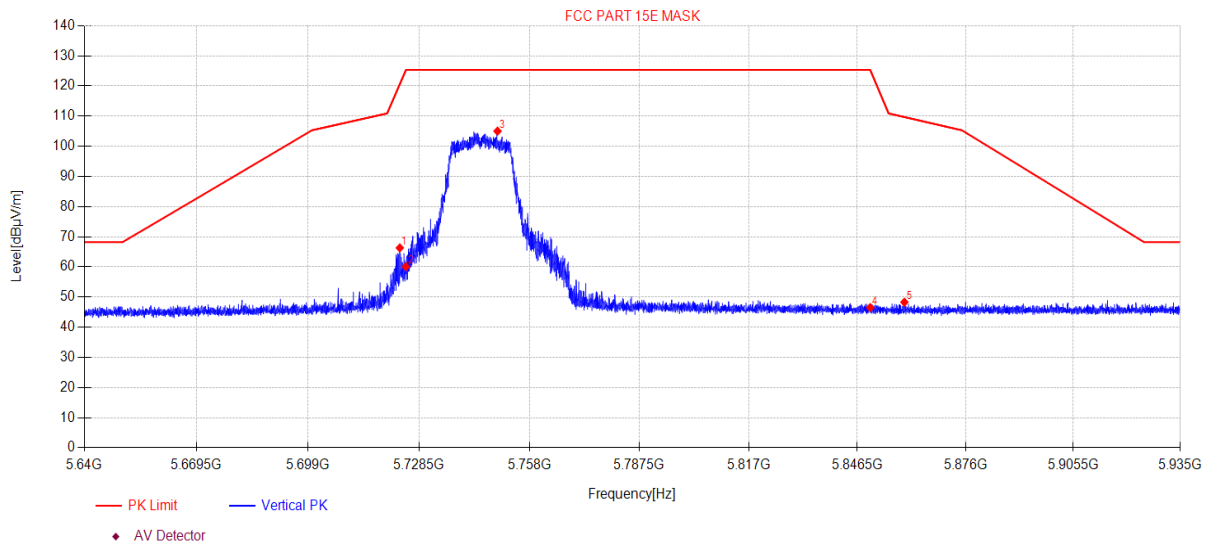
Note:

- 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 5.8GWiFi\8
Memo: 11A 5745 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	5723.37	67.79	5.87	33.45	-40.81	66.30	120.60	54.30	PK	Vertical
2	5725.00	61.56	5.87	33.45	-40.81	60.07	125.30	65.23	PK	Vertical
3	5749.45	106.44	5.88	33.50	-40.80	105.02	125.30	20.28	PK	Vertical
4	5850.00	47.53	5.94	33.80	-40.76	46.51	125.27	78.76	PK	Vertical
5	5859.30	49.29	5.94	33.82	-40.76	48.29	109.70	61.41	PK	Vertical

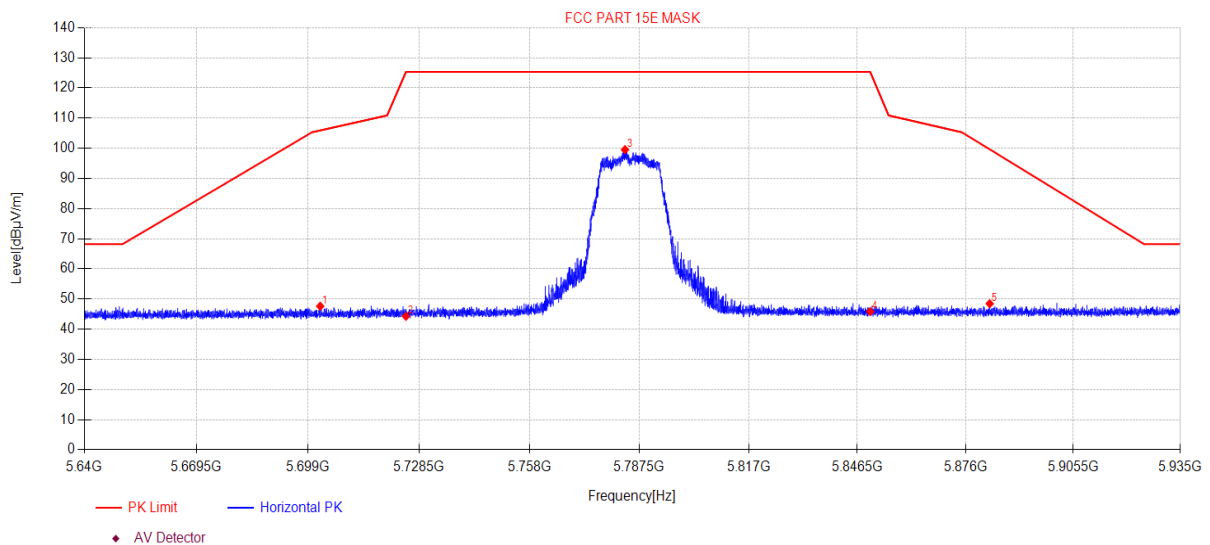
Note:

- 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 5.8GWIFI\9
Memo: 11A 5785 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	5702.22	49.17	5.86	33.40	-40.82	47.61	105.92	58.31	PK	Horizontal
2	5725.00	45.77	5.87	33.45	-40.81	44.28	125.30	81.02	PK	Horizontal
3	5783.64	100.81	5.90	33.63	-40.79	99.55	125.30	25.75	PK	Horizontal
4	5850.00	46.87	5.94	33.80	-40.76	45.85	125.27	79.42	PK	Horizontal
5	5882.61	49.38	5.95	33.87	-40.75	48.45	99.65	51.20	PK	Horizontal

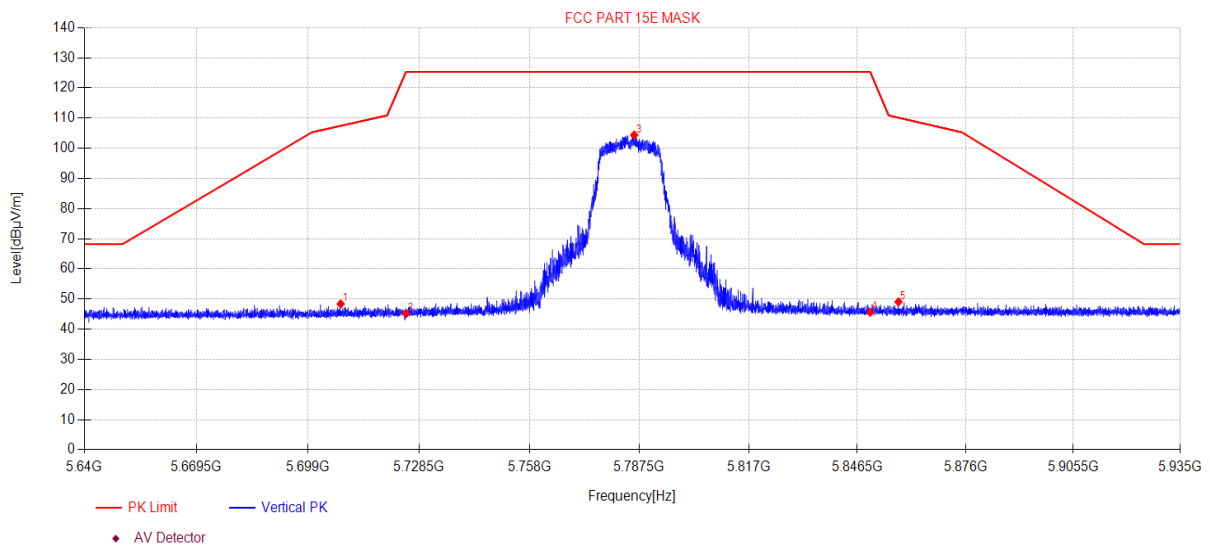
Note:

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 5.8GWIFI\10
Memo: 11A 5785 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	5707.64	49.92	5.86	33.42	-40.82	48.38	107.44	59.06	PK	Vertical
2	5725.00	46.70	5.87	33.45	-40.81	45.21	125.30	80.09	PK	Vertical
3	5786.11	105.63	5.90	33.64	-40.79	104.38	125.30	20.92	PK	Vertical
4	5850.00	46.61	5.94	33.80	-40.76	45.59	125.27	79.68	PK	Vertical
5	5857.68	50.06	5.94	33.82	-40.76	49.06	110.15	61.09	PK	Vertical

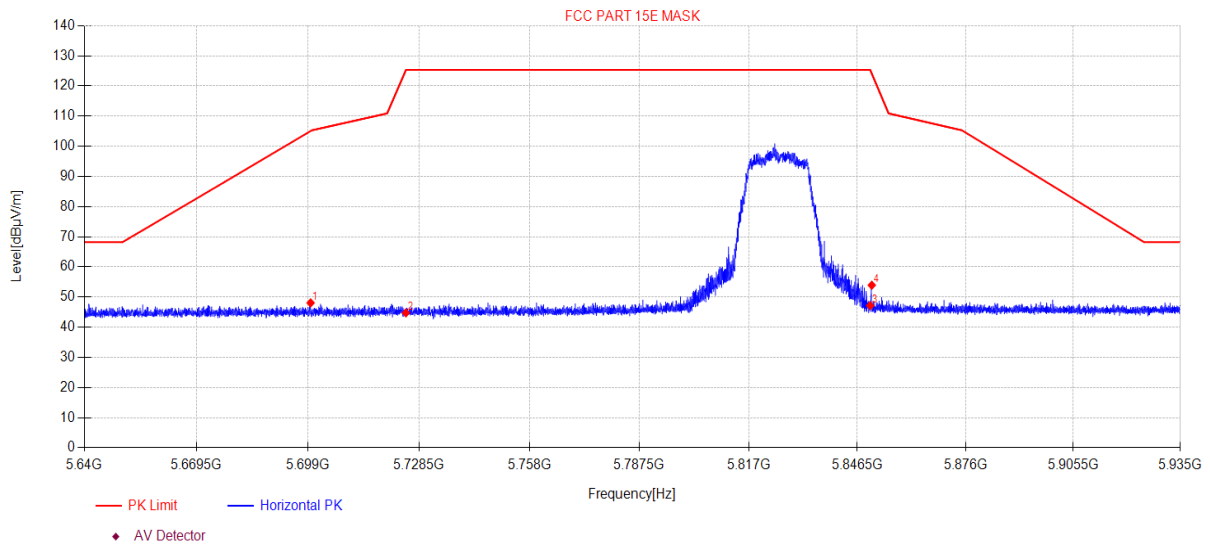
Note:

- 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 5.8GWIFI\11
Memo: 11A 5825 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	5699.68	49.62	5.86	33.40	-40.82	48.06	105.06	57.00	PK	Horizontal
2	5725.00	46.23	5.87	33.45	-40.81	44.74	125.30	80.56	PK	Horizontal
3	5850.00	48.20	5.94	33.80	-40.76	47.18	125.27	78.09	PK	Horizontal
4	5850.42	54.95	5.94	33.80	-40.76	53.93	124.08	70.15	PK	Horizontal

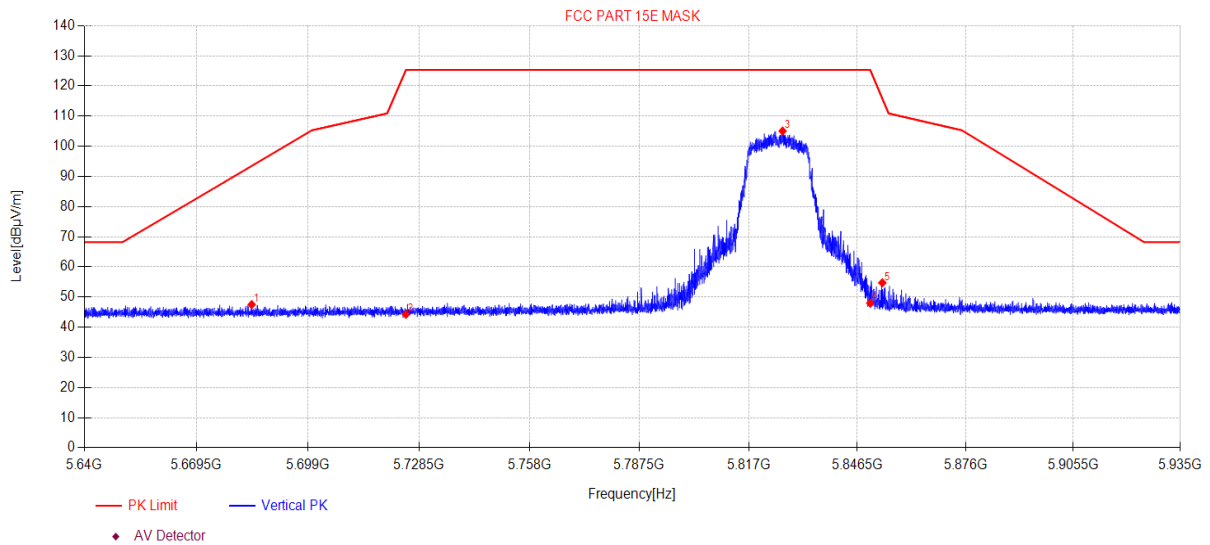
Note:

- 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 5.8GWIFI\12
Memo: 11A 5825 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	5684.07	49.13	5.85	33.34	-40.83	47.49	93.48	45.99	PK	Vertical
2	5725.00	45.75	5.87	33.45	-40.81	44.26	125.30	81.04	PK	Vertical
3	5826.20	106.15	5.92	33.75	-40.77	105.05	125.30	20.25	PK	Vertical
4	5850.00	48.99	5.94	33.80	-40.76	47.97	125.27	77.30	PK	Vertical
5	5853.29	55.74	5.94	33.81	-40.76	54.73	115.84	61.11	PK	Vertical

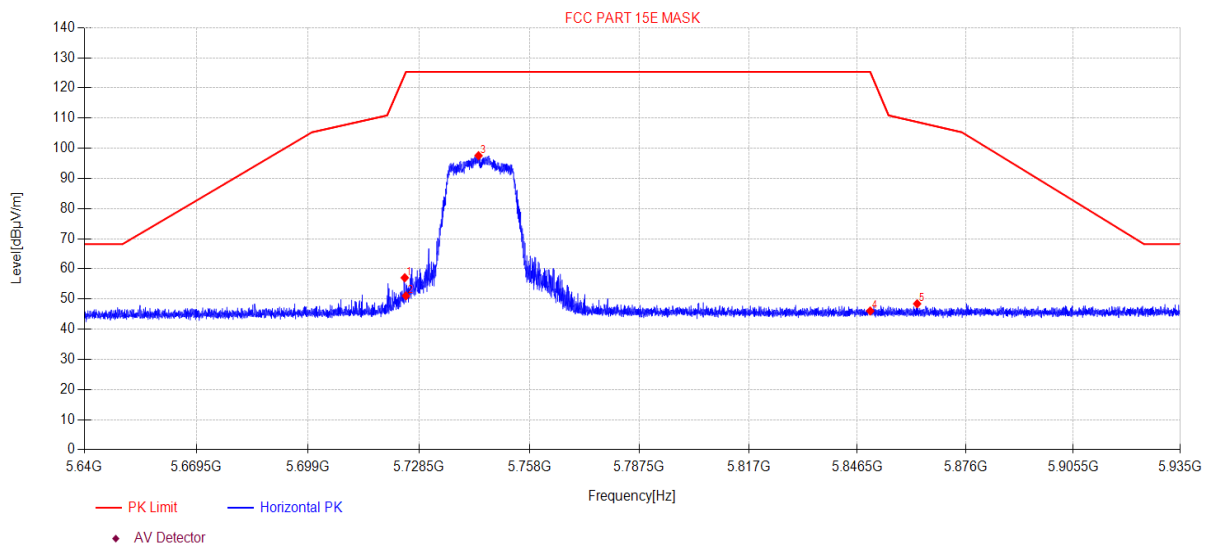
Note:

- 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 5.8GWIFI\13
Memo: 11N20MIMO 5745

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	5724.69	58.54	5.87	33.45	-40.81	57.05	124.42	67.37	PK	Horizontal
2	5725.00	52.55	5.87	33.45	-40.81	51.06	125.30	74.24	PK	Horizontal
3	5744.37	98.97	5.88	33.49	-40.80	97.54	125.30	27.76	PK	Horizontal
4	5850.00	47.05	5.94	33.80	-40.76	46.03	125.27	79.24	PK	Horizontal
5	5862.78	49.40	5.94	33.83	-40.75	48.42	108.72	60.30	PK	Horizontal

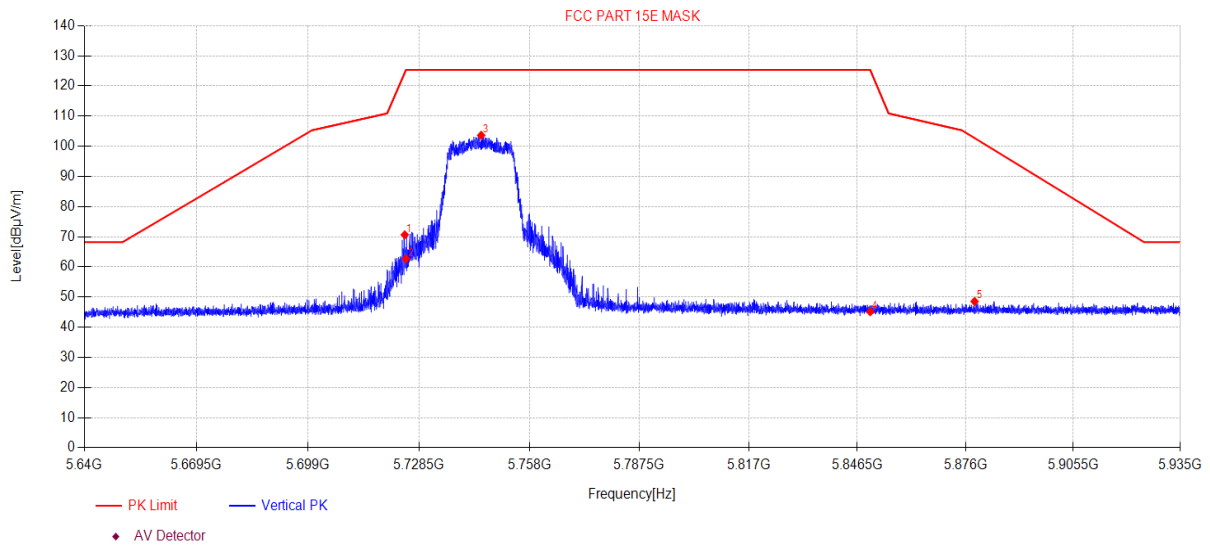
Note:

- 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 5.8GWIFI\14
Memo: 11N20MIMO 5745

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	5724.69	72.13	5.87	33.45	-40.81	70.64	124.42	53.78	PK	Vertical
2	5725.00	64.17	5.87	33.45	-40.81	62.68	125.30	62.62	PK	Vertical
3	5745.08	105.06	5.88	33.49	-40.80	103.63	125.30	21.67	PK	Vertical
4	5850.00	46.16	5.94	33.80	-40.76	45.14	125.27	80.13	PK	Vertical
5	5878.48	49.48	5.95	33.86	-40.75	48.54	102.72	54.18	PK	Vertical

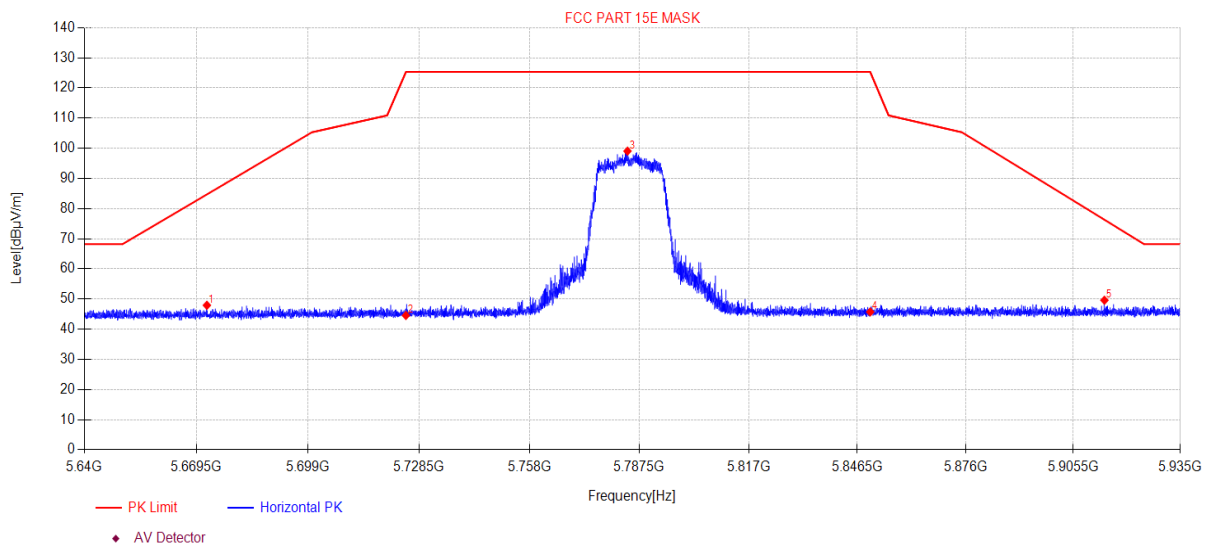
Note:

- 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 5.8GWIFI\15
Memo: 11N20MIMO 5785

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	5672.24	49.61	5.85	33.29	-40.83	47.92	84.70	36.78	PK	Horizontal
2	5725.00	46.04	5.87	33.45	-40.81	44.55	125.30	80.75	PK	Horizontal
3	5784.31	100.31	5.90	33.64	-40.79	99.06	125.30	26.24	PK	Horizontal
4	5850.00	46.74	5.94	33.80	-40.76	45.72	125.27	79.55	PK	Horizontal
5	5914.08	50.43	5.97	33.93	-40.73	49.60	76.30	26.70	PK	Horizontal

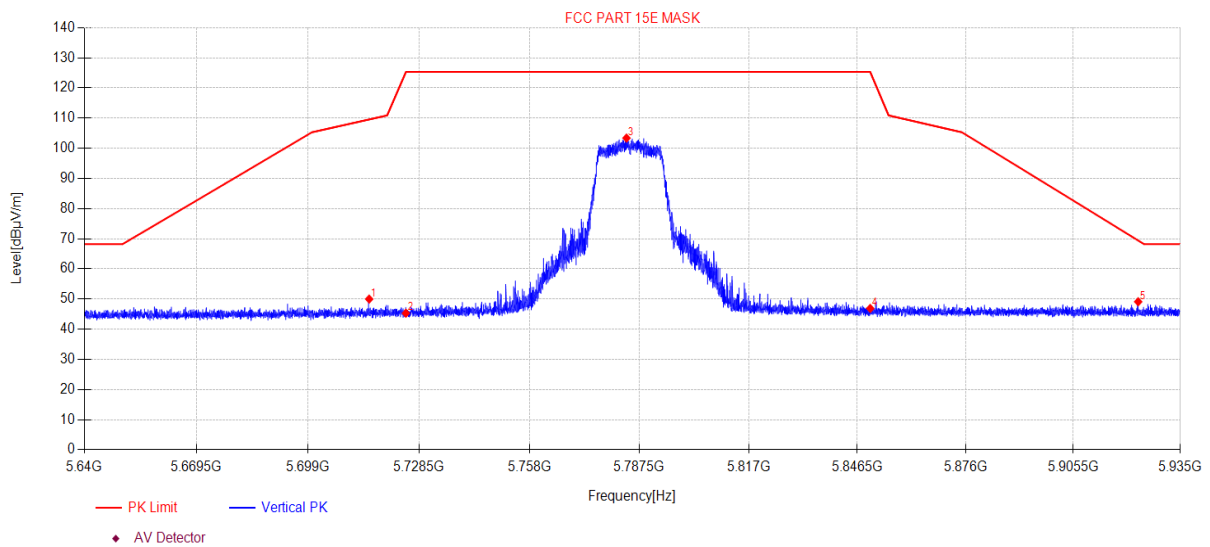
Note:

- 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 5.8GWIFI\16
Memo: 11N20MIMO 5785

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	5715.23	51.50	5.87	33.43	-40.81	49.99	109.56	59.57	PK	Vertical
2	5725.00	46.78	5.87	33.45	-40.81	45.29	125.30	80.01	PK	Vertical
3	5784.05	104.63	5.90	33.64	-40.79	103.38	125.30	21.92	PK	Vertical
4	5850.00	47.90	5.94	33.80	-40.76	46.88	125.27	78.39	PK	Vertical
5	5923.38	49.91	5.97	33.95	-40.73	49.10	69.40	20.30	PK	Vertical

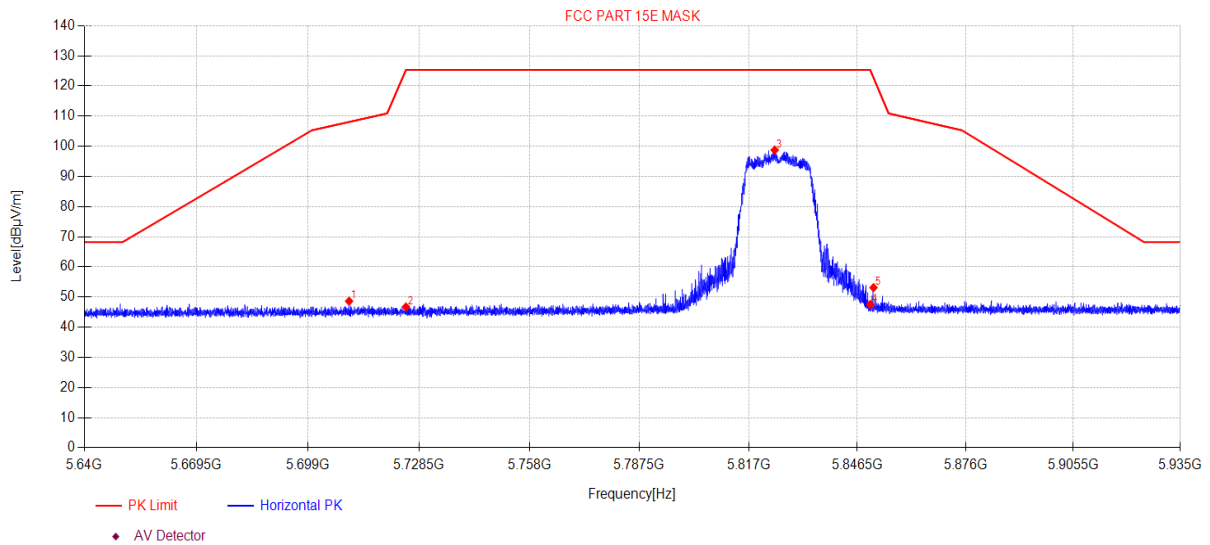
Note:

- 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 5.8GWIFI\17
Memo: 11N20MIMO 5825

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	5709.89	50.17	5.86	33.42	-40.82	48.63	108.07	59.44	PK	Horizontal
2	5725.00	48.21	5.87	33.45	-40.81	46.72	125.30	78.58	PK	Horizontal
3	5824.05	99.86	5.92	33.75	-40.77	98.76	125.30	26.54	PK	Horizontal
4	5850.00	48.58	5.94	33.80	-40.76	47.56	125.27	77.71	PK	Horizontal
5	5850.90	54.14	5.94	33.80	-40.76	53.12	122.72	69.60	PK	Horizontal

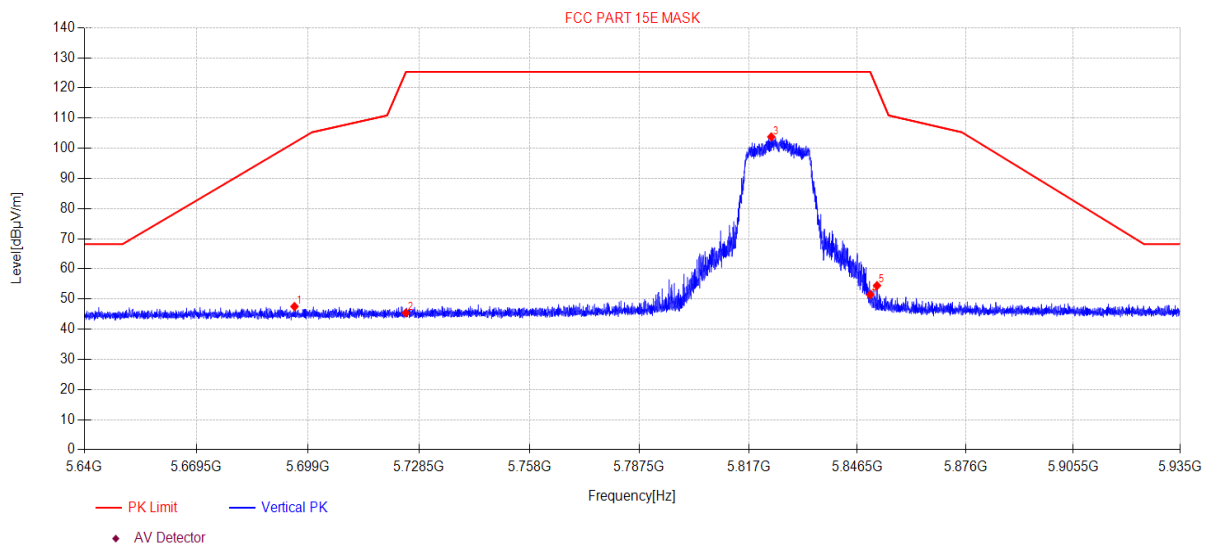
Note:

- 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 5.8GWIFI\18
Memo: 11N20MIMO 5825

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	5695.40	49.10	5.86	33.38	-40.82	47.52	101.89	54.37	PK	Vertical
2	5725.00	46.87	5.87	33.45	-40.81	45.38	125.30	79.92	PK	Vertical
3	5823.14	104.89	5.92	33.75	-40.77	103.79	125.30	21.51	PK	Vertical
4	5850.00	52.47	5.94	33.80	-40.76	51.45	125.27	73.82	PK	Vertical
5	5851.84	55.47	5.94	33.80	-40.76	54.45	120.00	65.55	PK	Vertical

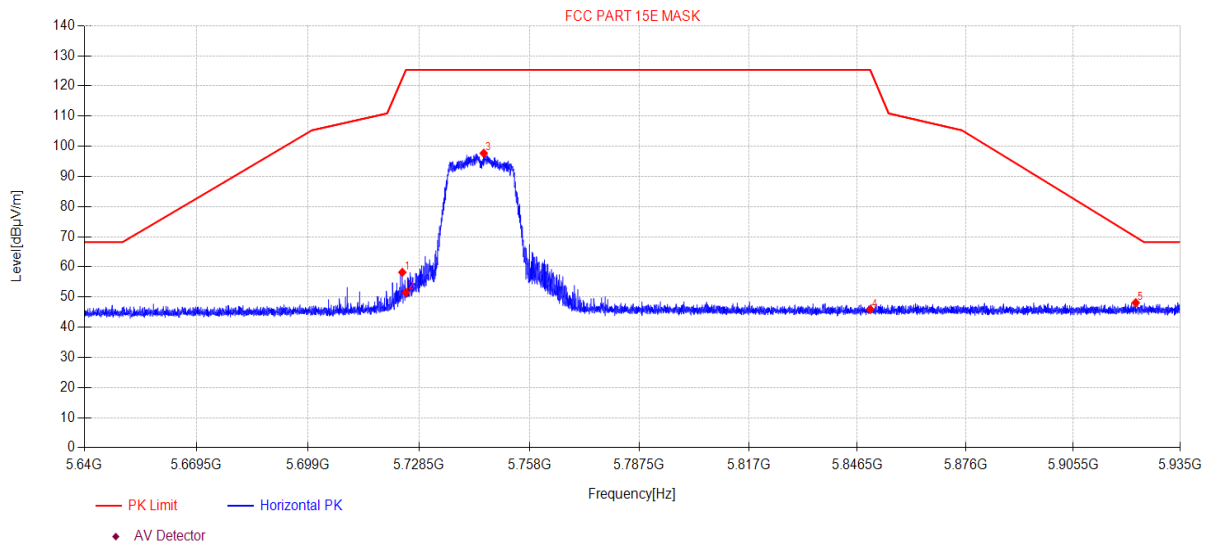
Note:

- 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 5.8GWIFI\19
Memo: 11AC20MIMO 5745

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	5724.05	59.70	5.87	33.45	-40.81	58.21	122.55	64.34	PK	Horizontal
2	5725.00	52.99	5.87	33.45	-40.81	51.50	125.30	73.80	PK	Horizontal
3	5745.76	99.12	5.88	33.49	-40.80	97.69	125.30	27.61	PK	Horizontal
4	5850.00	46.89	5.94	33.80	-40.76	45.87	125.27	79.40	PK	Horizontal
5	5922.70	48.92	5.97	33.95	-40.73	48.11	69.91	21.80	PK	Horizontal

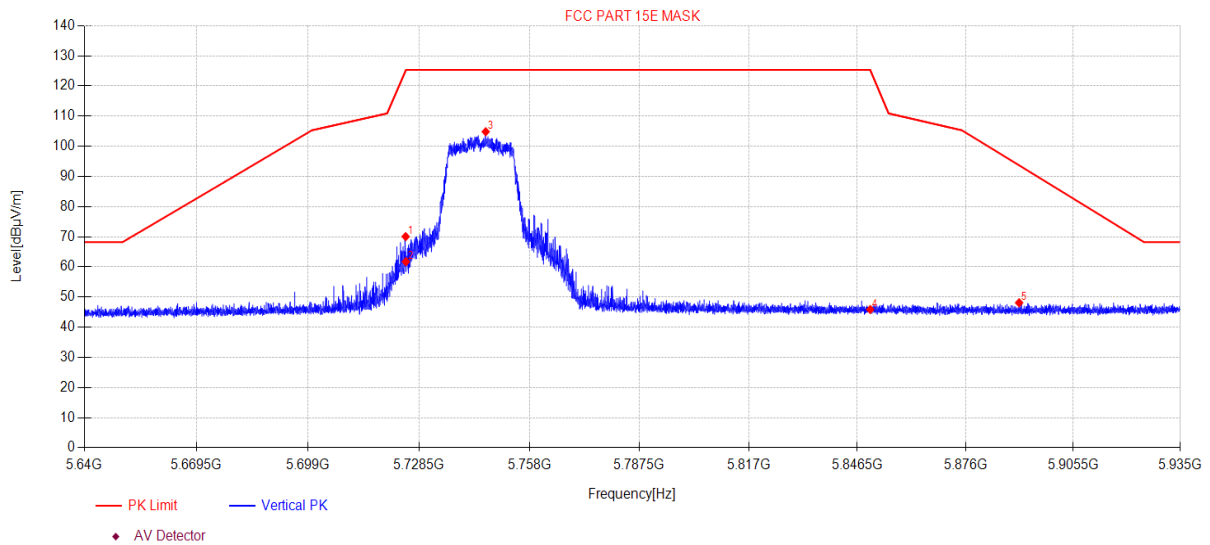
Note:

- 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 5.8GWIFI\20
Memo: 11AC20MIMO 5745

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	5724.93	71.54	5.87	33.45	-40.81	70.05	125.10	55.05	PK	Vertical
2	5725.00	63.20	5.87	33.45	-40.81	61.71	125.30	63.59	PK	Vertical
3	5746.29	106.27	5.88	33.49	-40.80	104.84	125.30	20.46	PK	Vertical
4	5850.00	46.89	5.94	33.80	-40.76	45.87	125.27	79.40	PK	Vertical
5	5890.66	48.99	5.96	33.88	-40.74	48.09	93.68	45.59	PK	Vertical

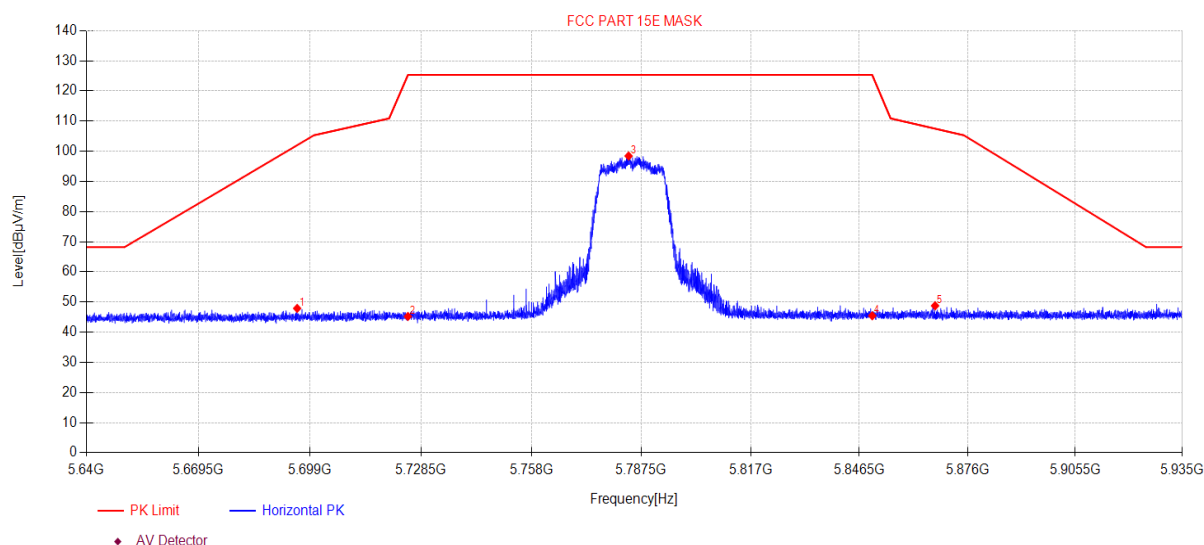
Note:

- 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 5.8GWIFI\21
Memo: 11AC20MIMO 5785

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	5695.58	49.48	5.86	33.38	-40.82	47.90	102.02	54.12	PK	Horizontal
2	5725.00	46.71	5.87	33.45	-40.81	45.22	125.30	80.08	PK	Horizontal
3	5784.08	99.68	5.90	33.64	-40.79	98.43	125.30	26.87	PK	Horizontal
4	5850.00	46.47	5.94	33.80	-40.76	45.45	125.27	79.82	PK	Horizontal
5	5867.12	49.74	5.94	33.83	-40.75	48.76	107.51	58.75	PK	Horizontal

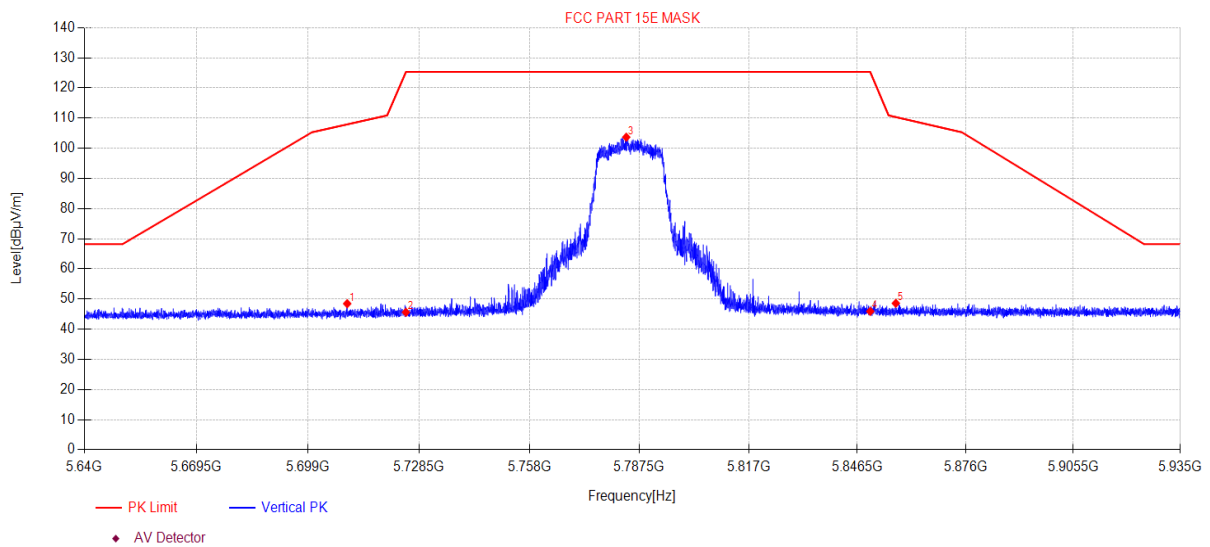
Note:

- 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 5.8GWIFI\22
Memo: 11AC20MIMO 5785

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	5709.38	50.00	5.86	33.42	-40.82	48.46	107.93	59.47	PK	Vertical
2	5725.00	47.10	5.87	33.45	-40.81	45.61	125.30	79.69	PK	Vertical
3	5783.99	104.93	5.90	33.64	-40.79	103.68	125.30	21.62	PK	Vertical
4	5850.00	46.92	5.94	33.80	-40.76	45.90	125.27	79.37	PK	Vertical
5	5856.97	49.60	5.94	33.81	-40.76	48.59	110.35	61.76	PK	Vertical

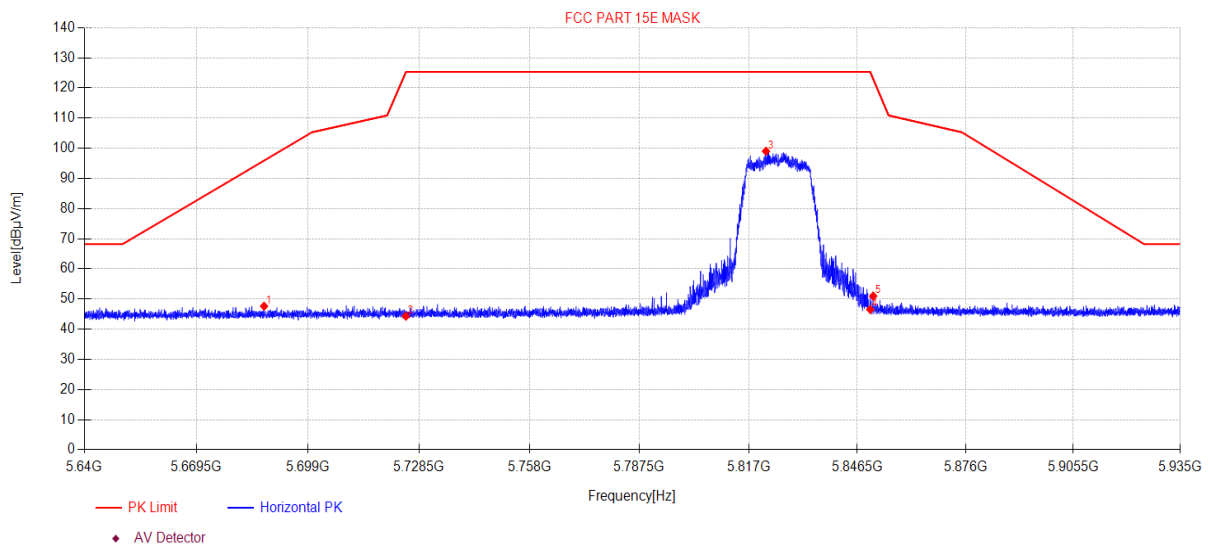
Note:

- 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 5.8GWIFI\23
Memo: 11AC20MIMO 5825

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	5687.35	49.25	5.85	33.35	-40.83	47.62	95.91	48.29	PK	Horizontal
2	5725.00	45.80	5.87	33.45	-40.81	44.31	125.30	80.99	PK	Horizontal
3	5821.69	100.15	5.92	33.74	-40.77	99.04	125.30	26.26	PK	Horizontal
4	5850.00	47.53	5.94	33.80	-40.76	46.51	125.27	78.76	PK	Horizontal
5	5850.81	51.99	5.94	33.80	-40.76	50.97	122.98	72.01	PK	Horizontal

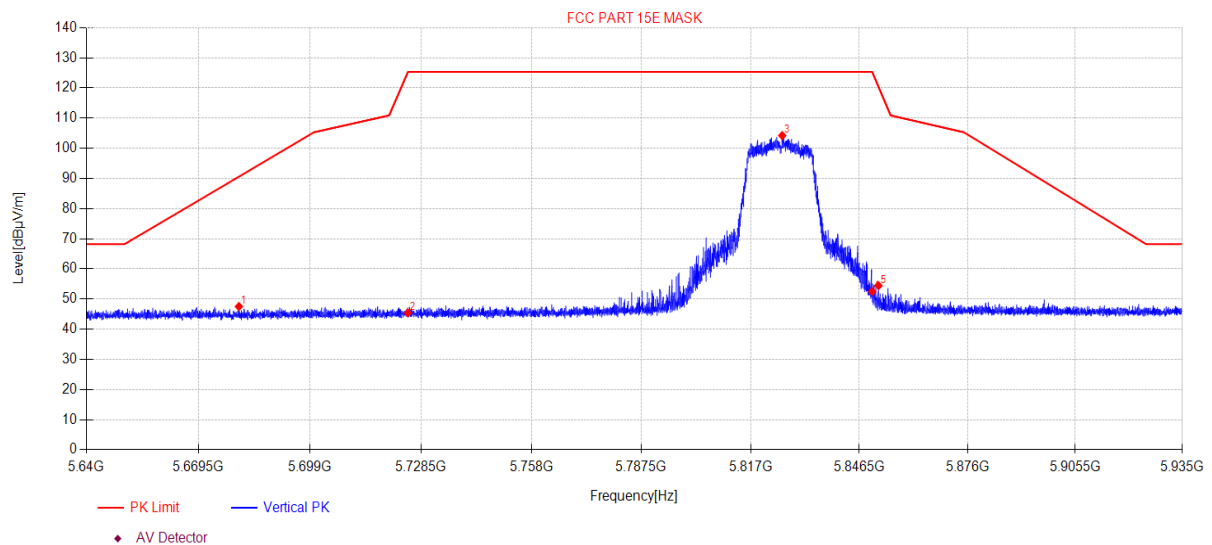
Note:

- 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 5.8GWIFI\24
Memo: 11AC20MIMO 5825

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	5680.15	49.18	5.85	33.32	-40.83	47.52	90.57	43.05	PK	Vertical
2	5725.00	46.88	5.87	33.45	-40.81	45.39	125.30	79.91	PK	Vertical
3	5825.56	105.32	5.92	33.75	-40.77	104.22	125.30	21.08	PK	Vertical
4	5850.00	53.52	5.94	33.80	-40.76	52.50	125.27	72.77	PK	Vertical
5	5851.72	55.44	5.94	33.80	-40.76	54.42	120.34	65.92	PK	Vertical

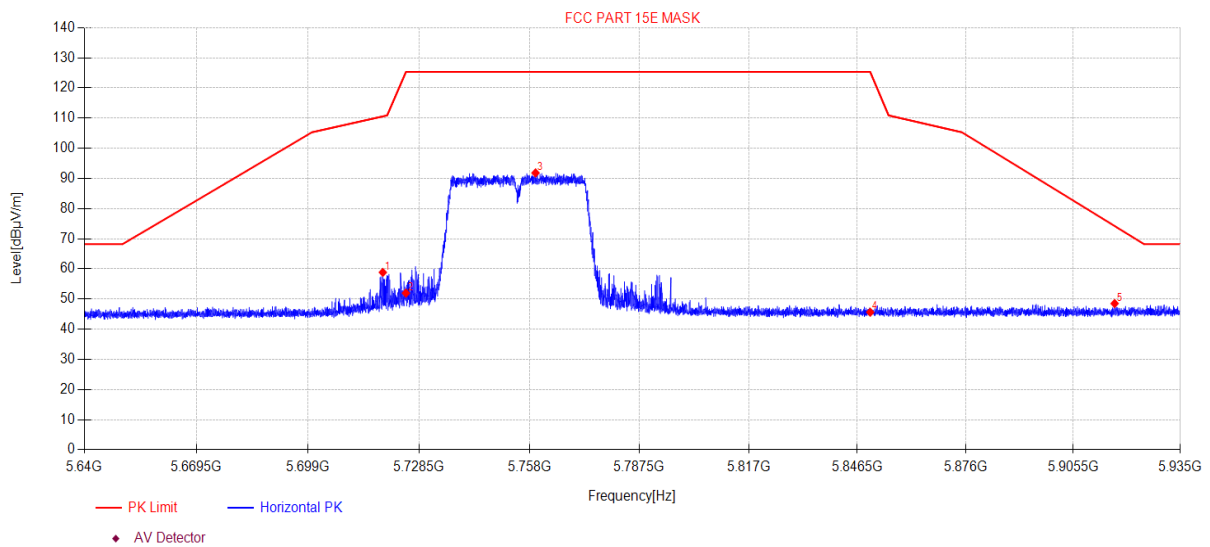
Note:

- 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 5.8GWIFI\25
Memo: 11N40MIMO 5755

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	5718.85	60.34	5.87	33.44	-40.81	58.84	110.58	51.74	PK	Horizontal
2	5725.00	53.46	5.87	33.45	-40.81	51.97	125.30	73.33	PK	Horizontal
3	5759.62	93.20	5.89	33.54	-40.80	91.83	125.30	33.47	PK	Horizontal
4	5850.00	46.65	5.94	33.80	-40.76	45.63	125.27	79.64	PK	Horizontal
5	5916.89	49.34	5.97	33.93	-40.73	48.51	74.22	25.71	PK	Horizontal

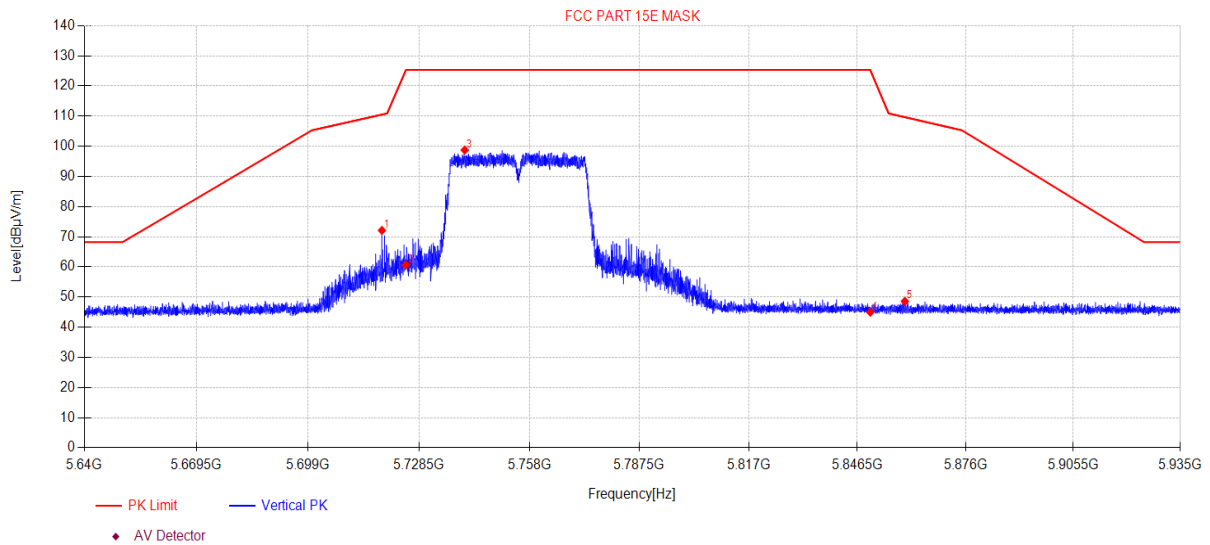
Note:

- 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 5.8GWIFI\26
Memo: 11N40MIMO 5755

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	5718.62	73.59	5.87	33.44	-40.81	72.09	110.51	38.42	PK	Vertical
2	5725.00	62.08	5.87	33.45	-40.81	60.59	125.30	64.71	PK	Vertical
3	5740.68	100.18	5.88	33.48	-40.80	98.74	125.30	26.56	PK	Vertical
4	5850.00	45.98	5.94	33.80	-40.76	44.96	125.27	80.31	PK	Vertical
5	5859.42	49.58	5.94	33.82	-40.76	48.58	109.66	61.08	PK	Vertical

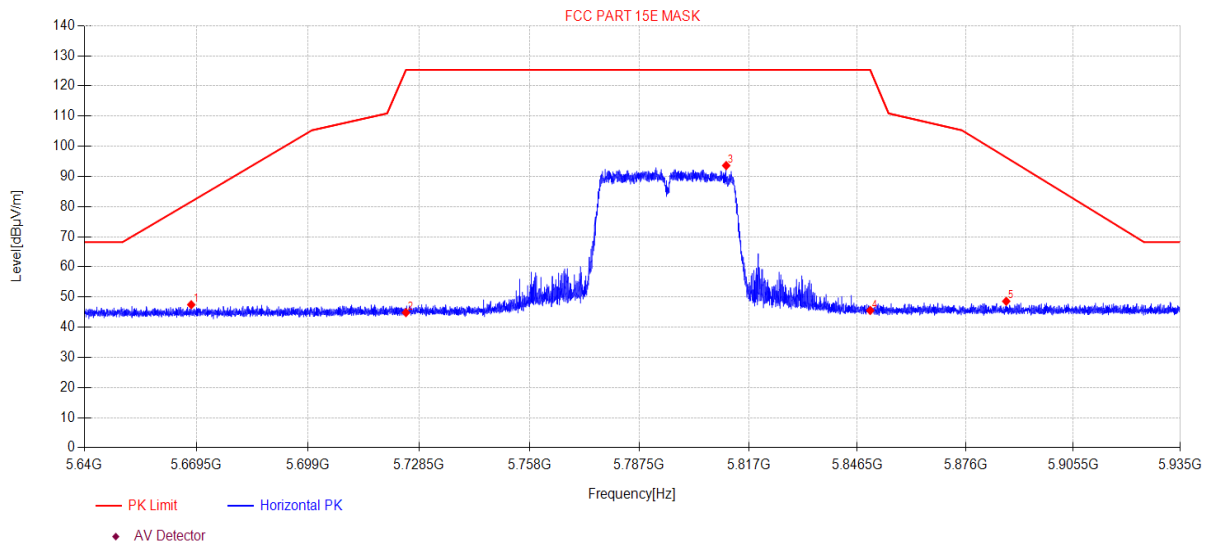
Note:

- 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 5.8GWIFI\27
Memo: 11N40MIMO 5795

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	5668.11	49.18	5.84	33.27	-40.83	47.46	81.64	34.18	PK	Horizontal
2	5725.00	46.32	5.87	33.45	-40.81	44.83	125.30	80.47	PK	Horizontal
3	5810.92	94.74	5.92	33.72	-40.78	93.60	125.30	31.70	PK	Horizontal
4	5850.00	46.56	5.94	33.80	-40.76	45.54	125.27	79.73	PK	Horizontal
5	5887.12	49.52	5.95	33.87	-40.75	48.59	96.31	47.72	PK	Horizontal

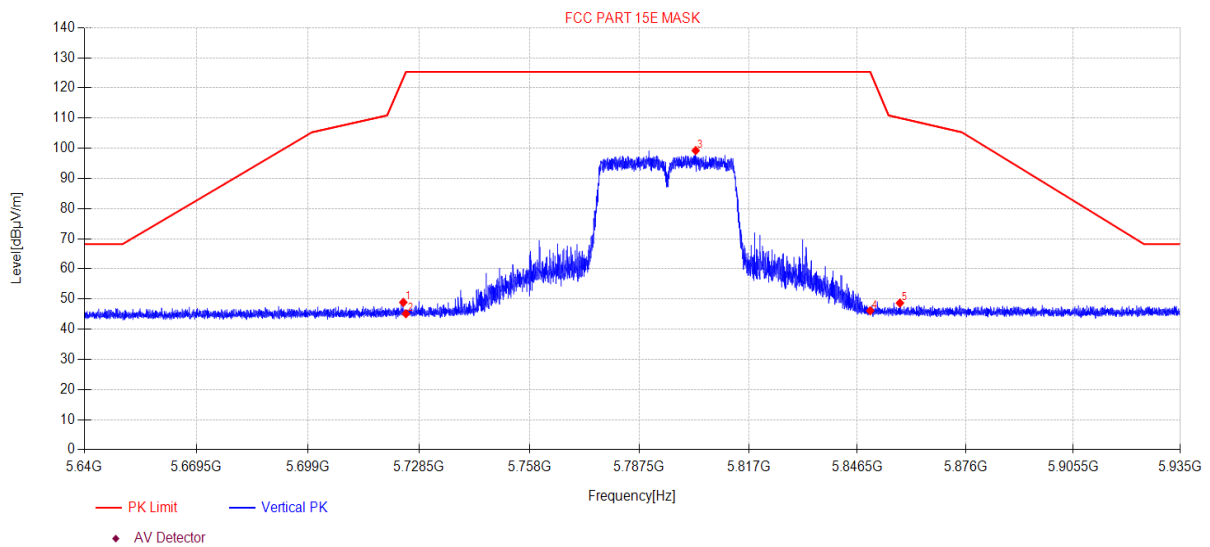
Note:

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 5.8GWIFI\28
Memo: 11N40MIMO 5795

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	5724.31	50.38	5.87	33.45	-40.81	48.89	123.32	74.43	PK	Vertical
2	5725.00	46.61	5.87	33.45	-40.81	45.12	125.30	80.18	PK	Vertical
3	5802.69	100.39	5.91	33.71	-40.78	99.23	125.30	26.07	PK	Vertical
4	5850.00	47.15	5.94	33.80	-40.76	46.13	125.27	79.14	PK	Vertical
5	5858.09	49.67	5.94	33.82	-40.76	48.67	110.03	61.36	PK	Vertical

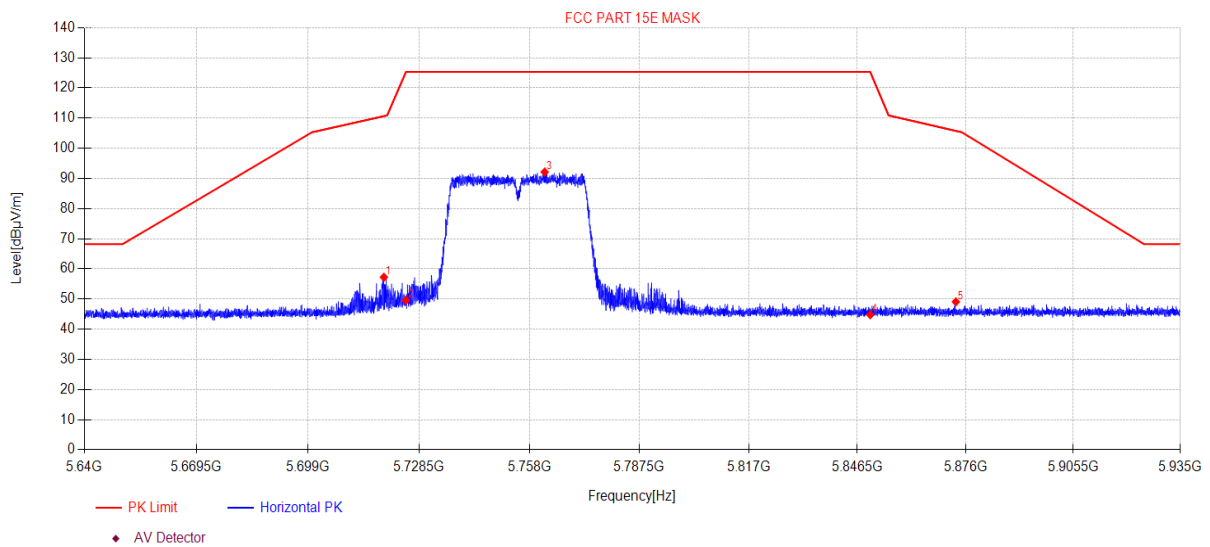
Note:

- 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 5.8GWIFI\29
Memo: 11AC40MIMO 5755

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	5719.15	58.73	5.87	33.44	-40.81	57.23	110.66	53.43	PK	Horizontal
2	5725.00	51.02	5.87	33.45	-40.81	49.53	125.30	75.77	PK	Horizontal
3	5762.07	93.48	5.89	33.55	-40.80	92.12	125.30	33.18	PK	Horizontal
4	5850.00	45.81	5.94	33.80	-40.76	44.79	125.27	80.48	PK	Horizontal
5	5873.35	50.03	5.95	33.85	-40.75	49.08	105.76	56.68	PK	Horizontal

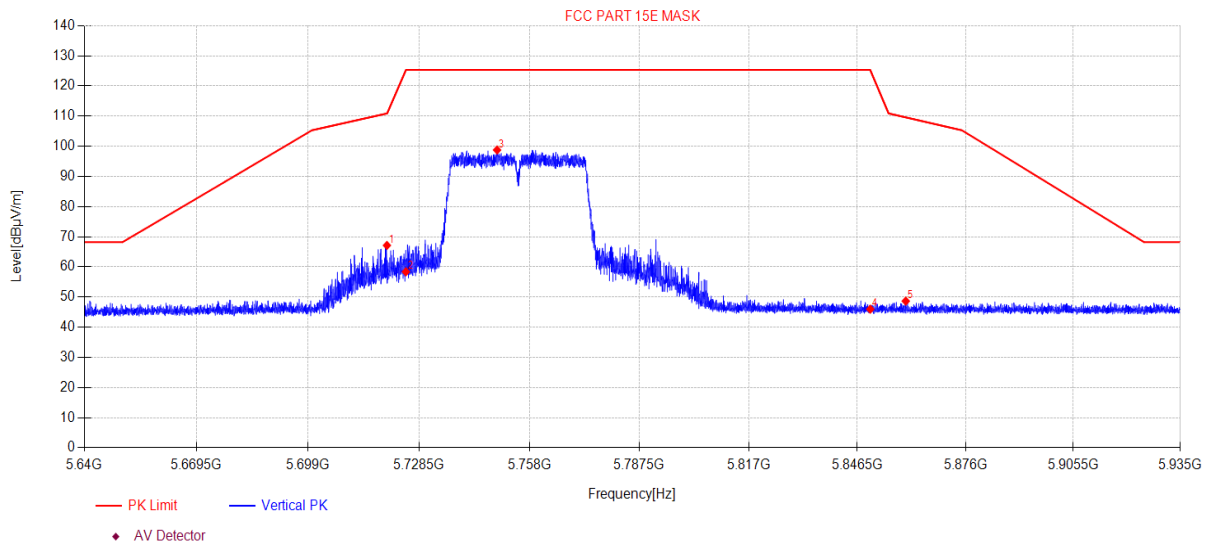
Note:

- 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 5.8GWIFI\30
Memo: 11AC40MIMO 5755

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	5719.95	68.62	5.87	33.44	-40.81	67.12	110.88	43.76	PK	Vertical
2	5725.00	59.87	5.87	33.45	-40.81	58.38	125.30	66.92	PK	Vertical
3	5749.33	100.18	5.88	33.50	-40.80	98.76	125.30	26.54	PK	Vertical
4	5850.00	46.99	5.94	33.80	-40.76	45.97	125.27	79.30	PK	Vertical
5	5859.69	49.65	5.94	33.82	-40.76	48.65	109.59	60.94	PK	Vertical

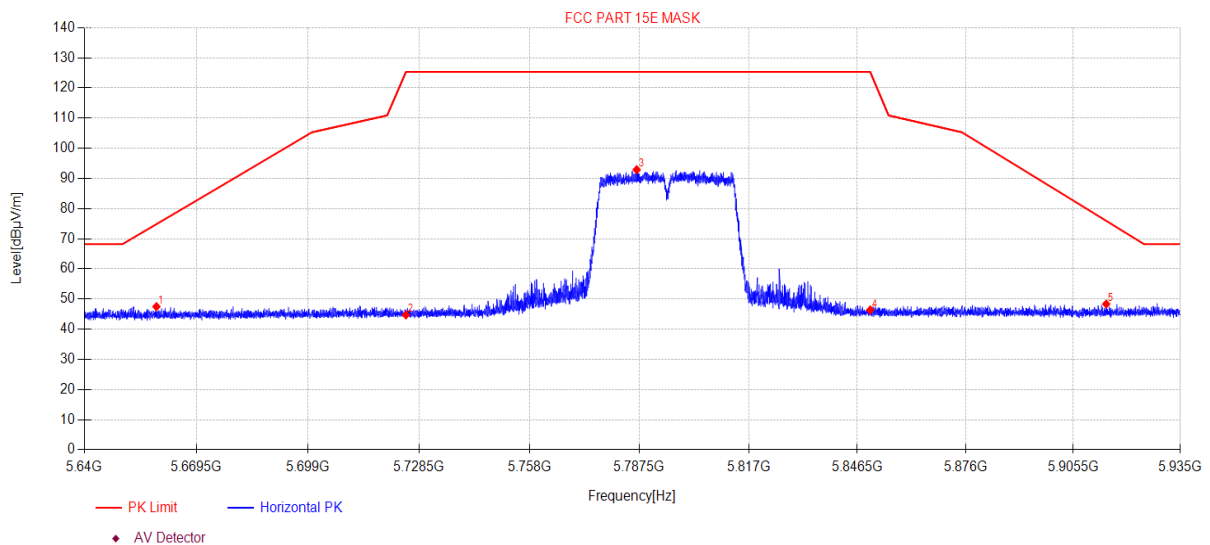
Note:

- 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 5.8GWIFI\31
Memo: 11AC40MIMO 5795

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	5658.94	49.23	5.84	33.24	-40.84	47.47	74.83	27.36	PK	Horizontal
2	5725.00	46.24	5.87	33.45	-40.81	44.75	125.30	80.55	PK	Horizontal
3	5786.79	94.12	5.90	33.65	-40.79	92.88	125.30	32.42	PK	Horizontal
4	5850.00	47.40	5.94	33.80	-40.76	46.38	125.27	78.89	PK	Horizontal
5	5914.59	49.19	5.97	33.93	-40.73	48.36	75.93	27.57	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.