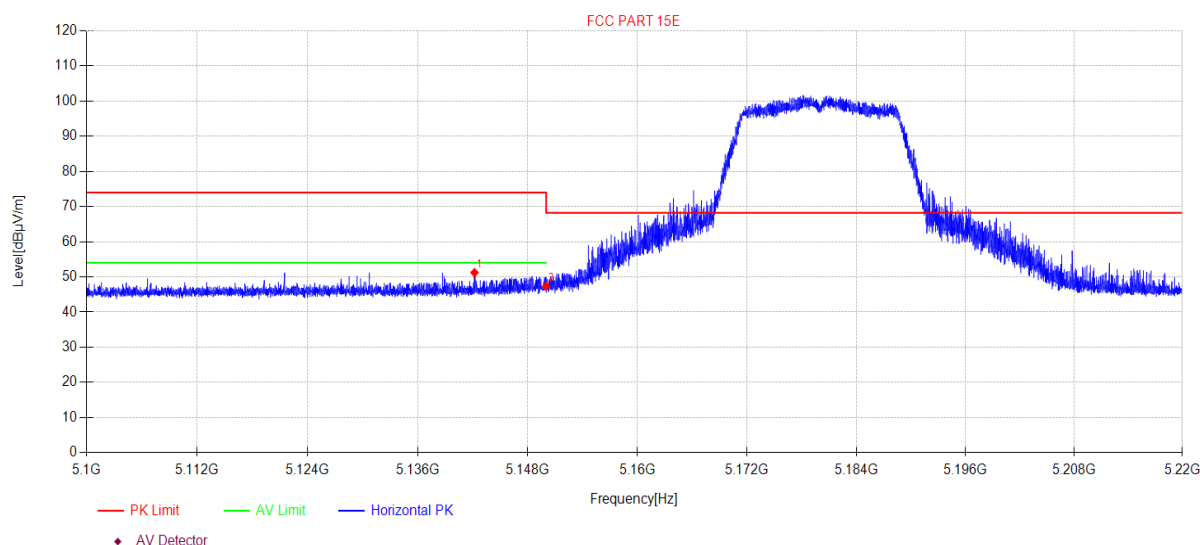


TR-4-E-009 Radiated Emission Test Result

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\27
Memo: 11AC20MIMO 5180

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	5142.18	52.81	5.58	32.90	-40.06	51.23	74.00	22.77	PK	Horizontal
2	5150.00	48.92	5.59	32.90	-40.06	47.35	68.20	20.85	PK	Horizontal

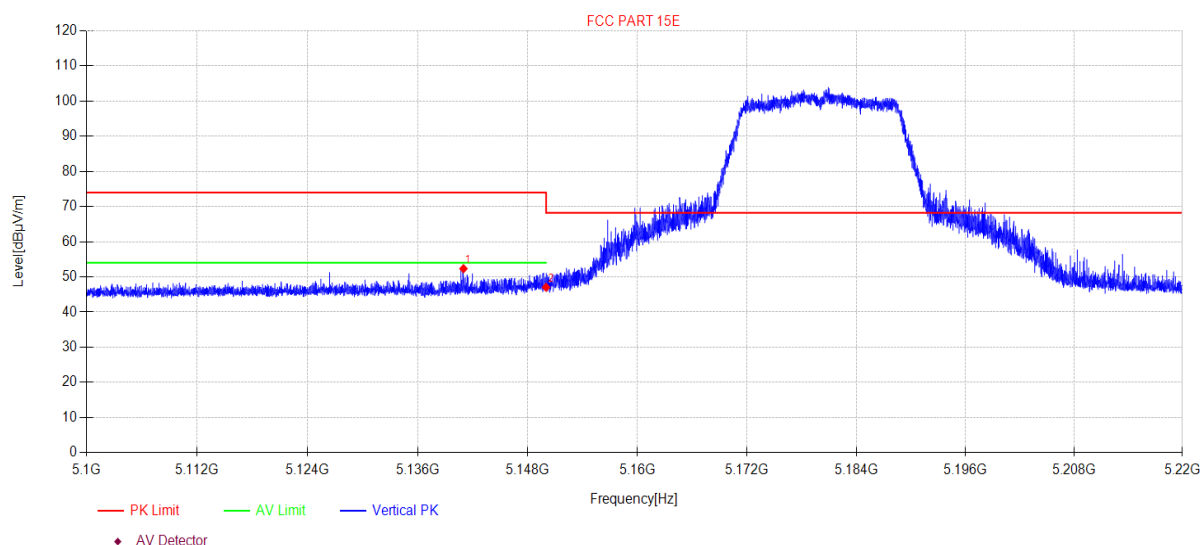
Note:

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\28
Memo: 11AC20MIMO 5180

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	5140.98	53.92	5.58	32.90	-40.06	52.34	74.00	21.66	PK	Vertical
2	5150.00	48.61	5.59	32.90	-40.06	47.04	68.20	21.16	PK	Vertical

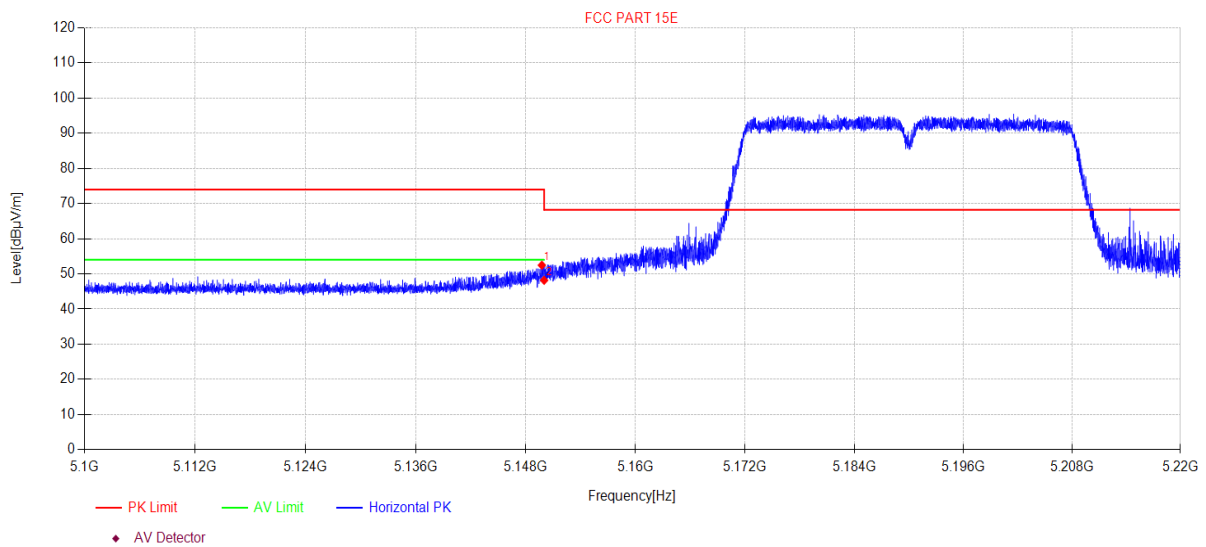
Note:

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\29
Memo: 11N40MIMO 5190

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	5149.75	54.06	5.58	32.90	-40.06	52.48	74.00	21.52	PK	Horizontal
2	5150.00	49.76	5.59	32.90	-40.06	48.19	68.20	20.01	PK	Horizontal

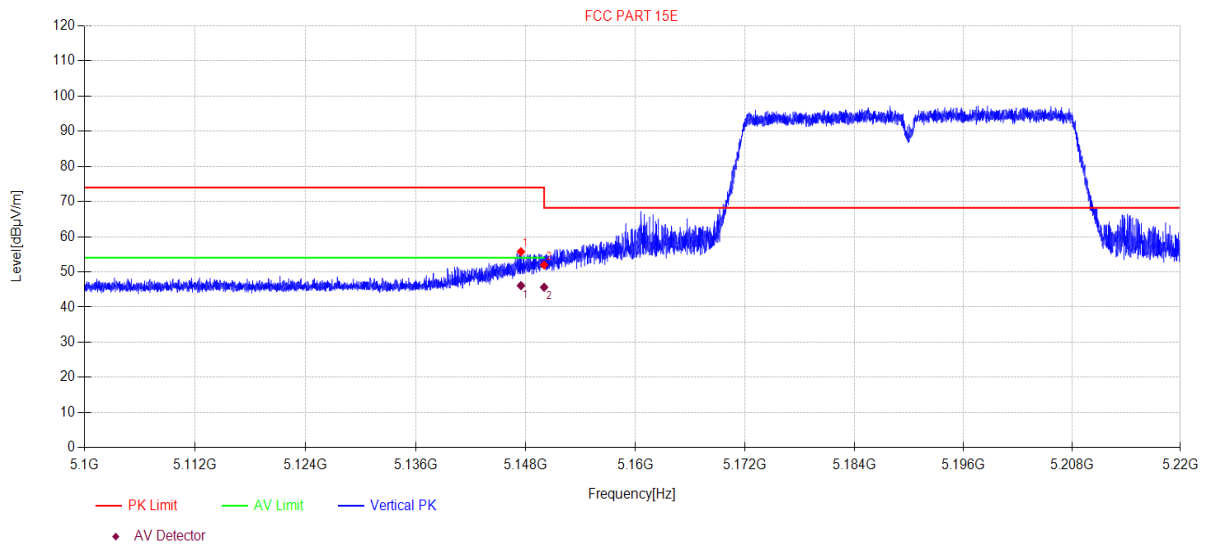
Note:

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\30
Memo: 11N40MIMO 5190

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	5147.47	57.31	5.58	32.90	-40.06	55.73	74.00	18.27	PK	Vertical
2	5150.00	53.56	5.59	32.90	-40.06	51.99	68.20	16.21	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	5147.47	47.68	5.58	32.90	-40.06	46.10	54.00	7.90	AV	Vertical
2	5150.00	47.21	5.59	32.90	-40.06	45.64	54.00	8.36	AV	Vertical

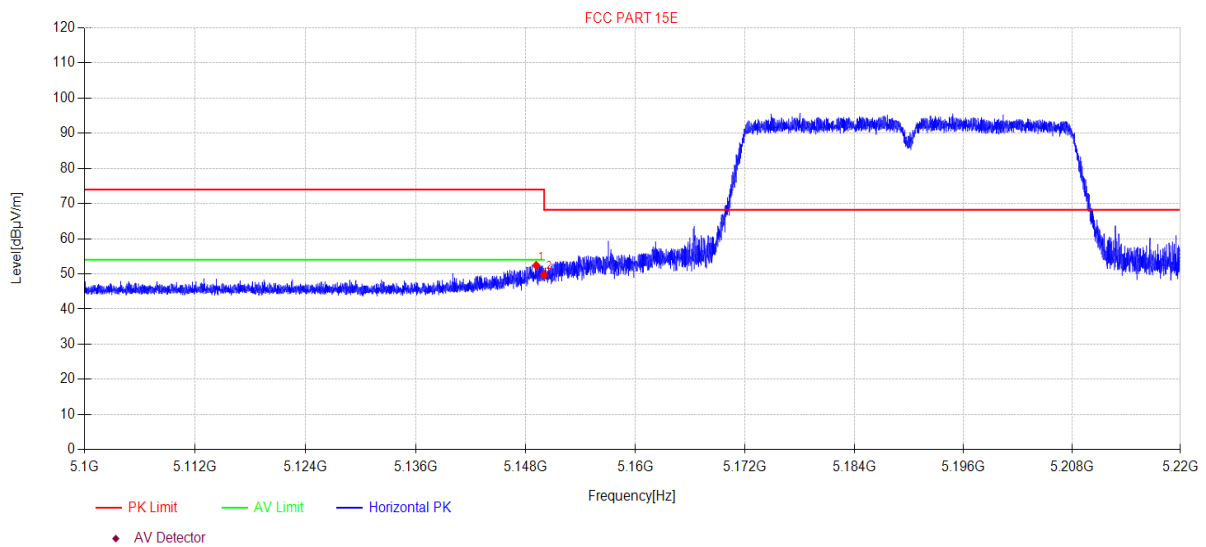
Note:

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\31
Memo: 11AC40MIMO 5190

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	5149.14	53.99	5.58	32.90	-40.06	52.41	74.00	21.59	PK	Horizontal
2	5150.00	51.34	5.59	32.90	-40.06	49.77	68.20	18.43	PK	Horizontal

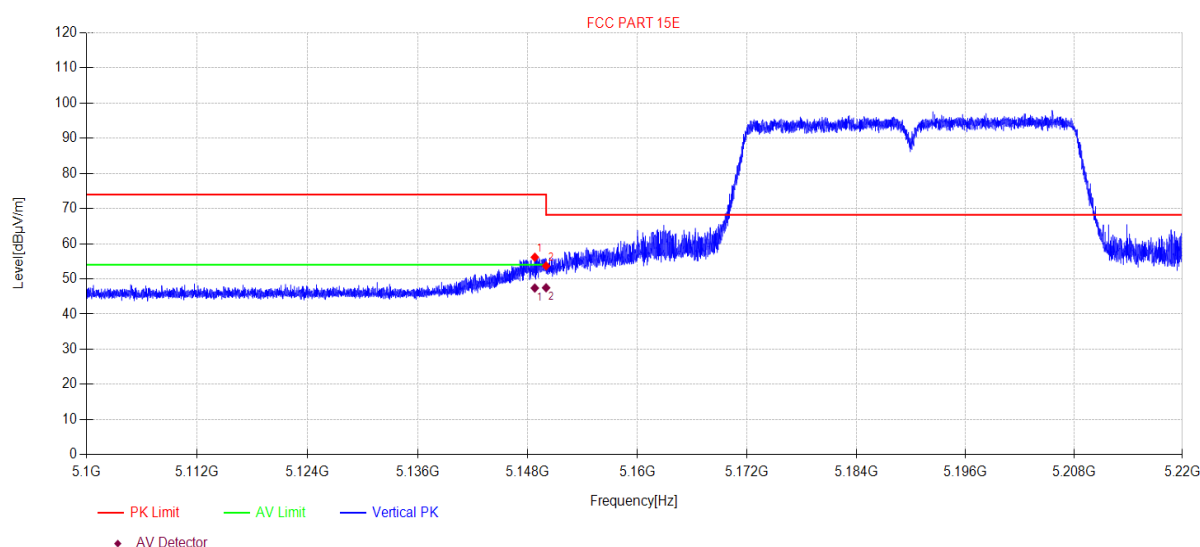
Note:

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\32
Memo: 11AC40MIMO 5190

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	5148.77	57.75	5.58	32.90	-40.06	56.17	74.00	17.83	PK	Vertical
2	5150.00	55.26	5.59	32.90	-40.06	53.69	68.20	14.51	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	5148.77	48.98	5.58	32.90	-40.06	47.40	54.00	6.60	AV	Vertical
2	5150.00	49.05	5.59	32.90	-40.06	47.48	54.00	6.52	AV	Vertical

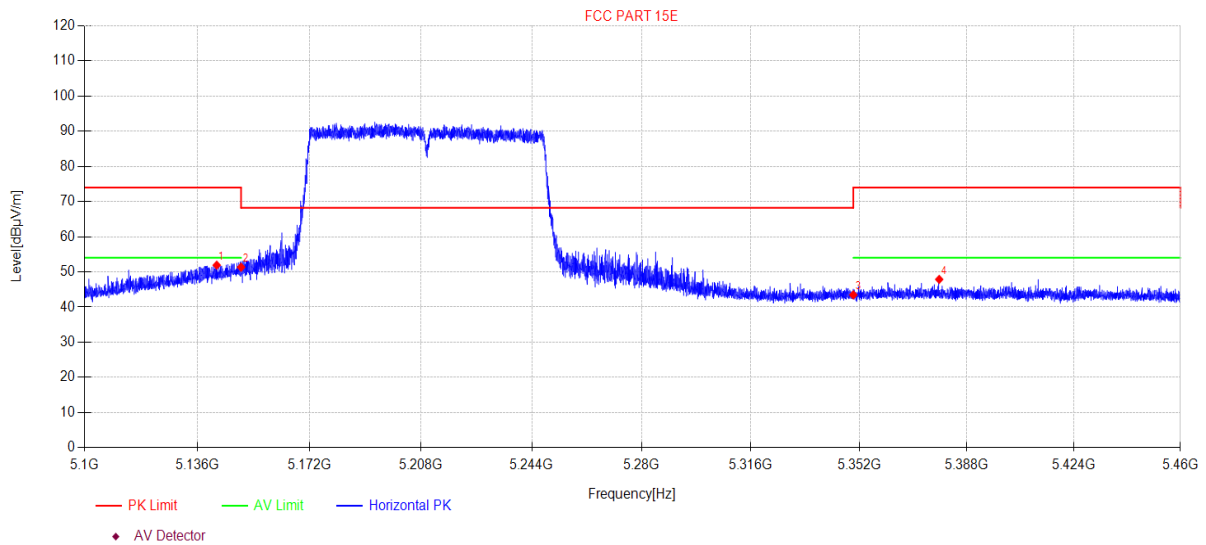
Note:

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\33
Memo: 11AC80MIMO 5210

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	5142.19	53.49	5.58	32.90	-40.06	51.91	74.00	22.09	PK	Horizontal
2	5150.00	52.92	5.59	32.90	-40.06	51.35	68.20	16.85	PK	Horizontal
3	5350.00	44.91	5.69	32.90	-40.03	43.47	74.00	30.53	PK	Horizontal
4	5378.68	49.30	5.70	32.90	-40.03	47.87	74.00	26.13	PK	Horizontal

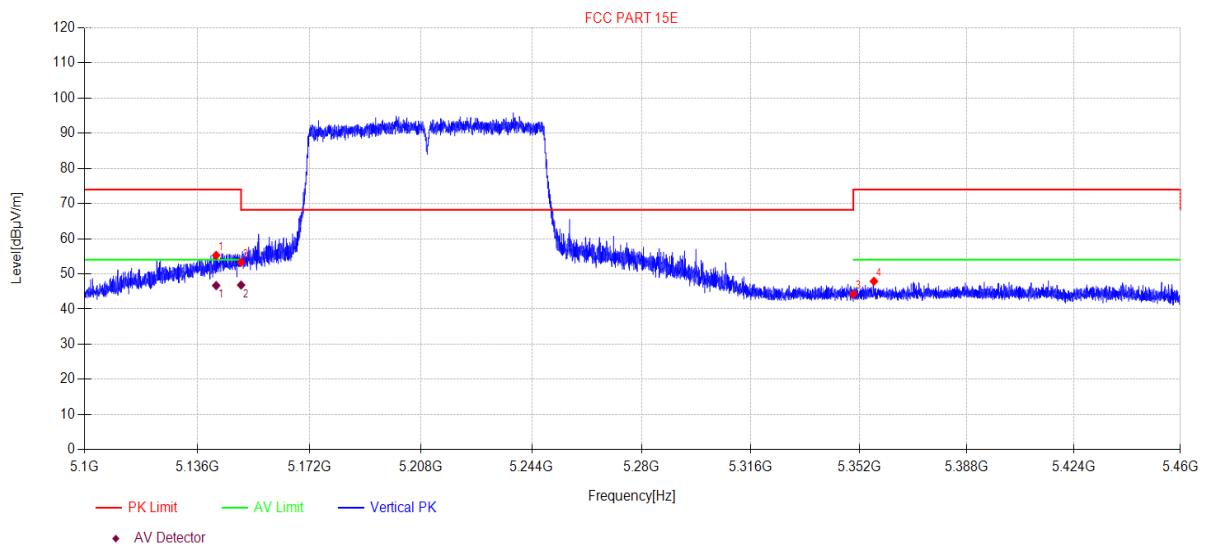
Note:

- 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\34
Memo: 11AC80MIMO 5210

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	5142.01	56.85	5.58	32.90	-40.06	55.27	74.00	18.73	PK	Vertical
2	5150.00	54.86	5.59	32.90	-40.06	53.29	68.20	14.91	PK	Vertical
3	5350.00	45.65	5.69	32.90	-40.03	44.21	74.00	29.79	PK	Vertical
4	5356.86	49.35	5.69	32.90	-40.03	47.91	74.00	26.09	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	5142.01	48.26	5.58	32.90	-40.06	46.68	54.00	7.32	AV	Vertical
2	5150.00	48.40	5.59	32.90	-40.06	46.83	54.00	7.17	AV	Vertical

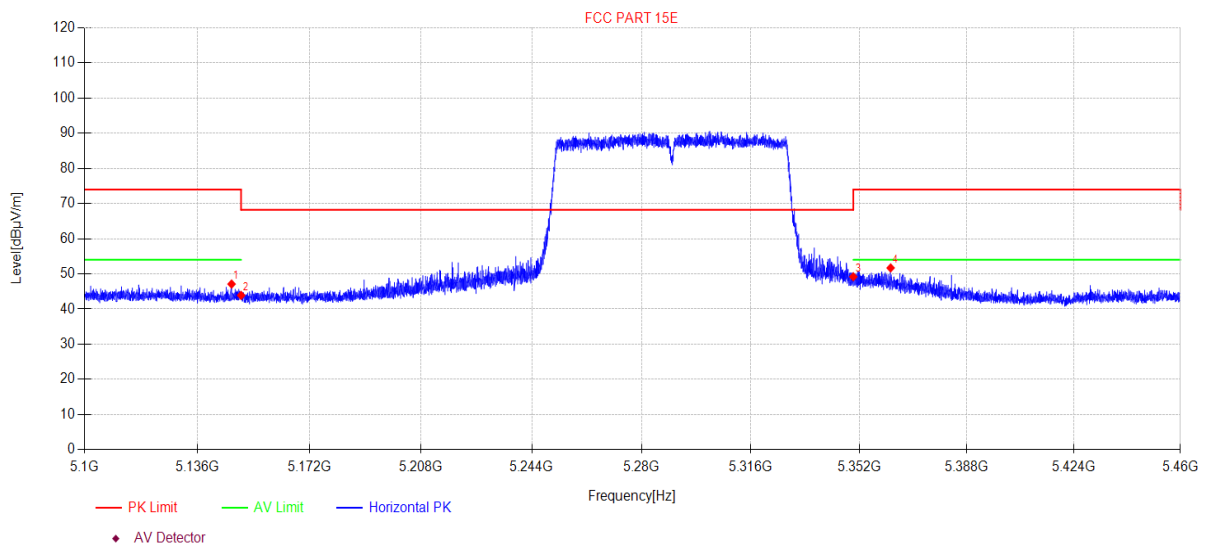
Note:

- 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\35
Memo: 11AC80MIMO 5290

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	5146.94	48.69	5.58	32.90	-40.06	47.11	74.00	26.89	PK	Horizontal
2	5150.00	45.47	5.59	32.90	-40.06	43.90	68.20	24.30	PK	Horizontal
3	5350.00	50.63	5.69	32.90	-40.03	49.19	74.00	24.81	PK	Horizontal
4	5362.44	53.14	5.69	32.90	-40.03	51.70	74.00	22.30	PK	Horizontal

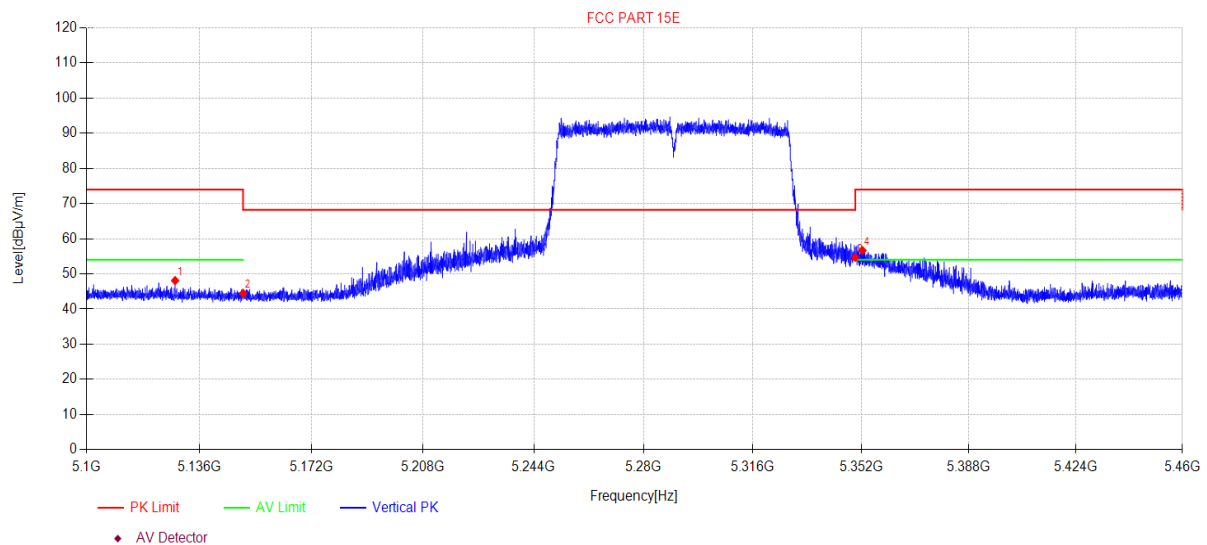
Note:

- 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\36
Memo: 11AC80MIMO 5290

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	5128.26	49.69	5.57	32.90	-40.06	48.10	74.00	25.90	PK	Vertical
2	5150.00	46.04	5.59	32.90	-40.06	44.47	68.20	23.73	PK	Vertical
3	5350.00	56.11	5.69	32.90	-40.03	54.67	74.00	19.33	PK	Vertical
4	5352.40	58.10	5.69	32.90	-40.03	56.66	74.00	17.34	PK	Vertical

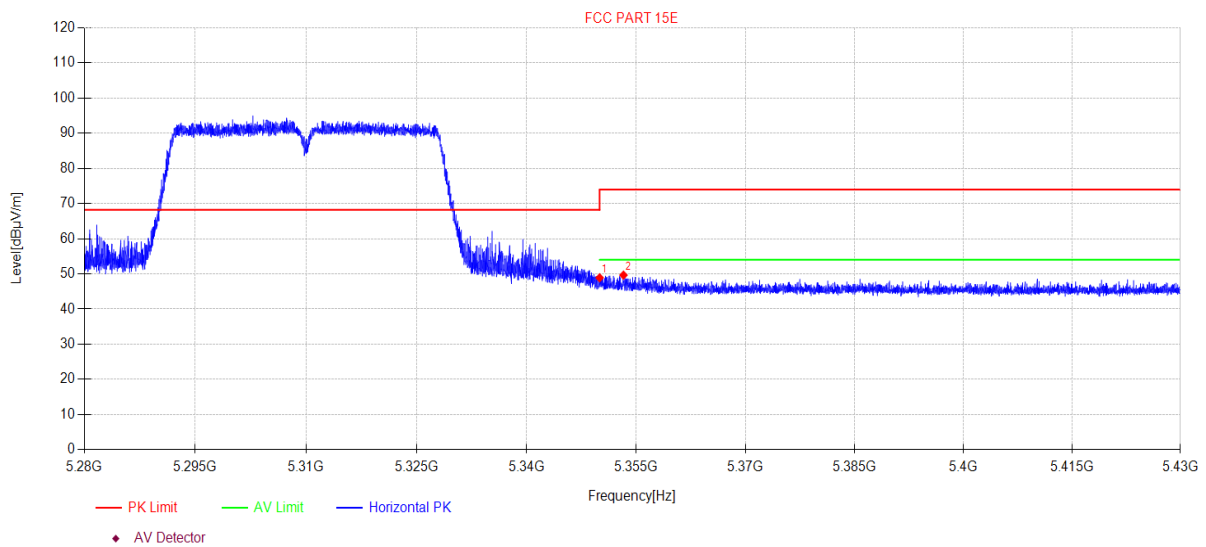
Note:

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\37
Memo: 11N40MIMO 5310

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	5350.00	50.34	5.69	32.90	-40.03	48.90	74.00	25.10	PK	Horizontal
2	5353.26	51.09	5.69	32.90	-40.03	49.65	74.00	24.35	PK	Horizontal

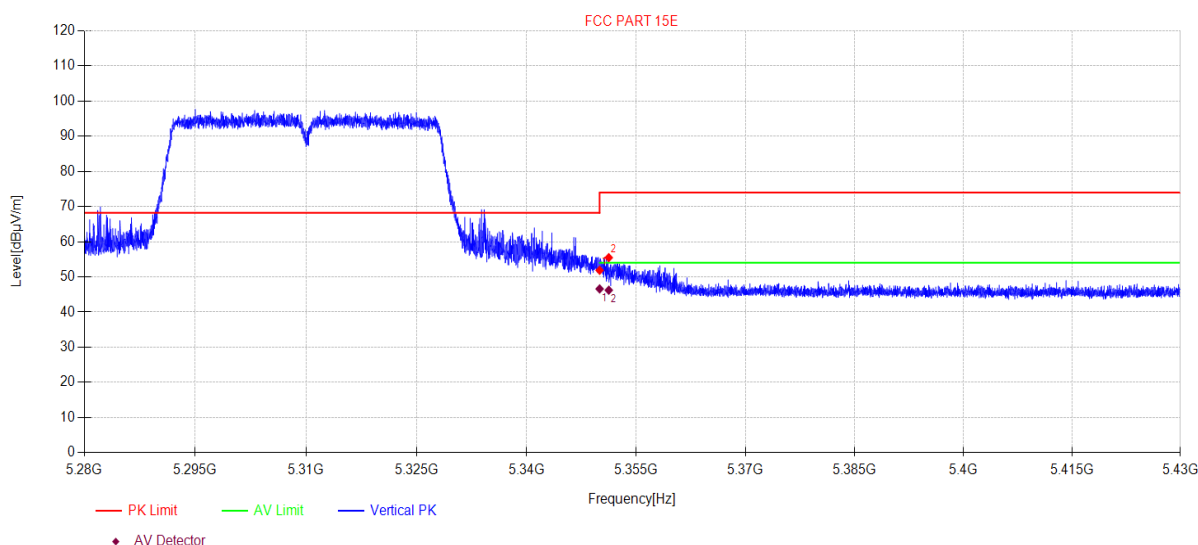
Note:

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\38
Memo: 11N40MIMO 5310

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	5350.00	53.31	5.69	32.90	-40.03	51.87	74.00	22.13	PK	Vertical
2	5351.25	56.93	5.69	32.90	-40.03	55.49	74.00	18.51	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	5350.00	48.03	5.69	32.90	-40.03	46.59	54.00	7.41	AV	Vertical
2	5351.25	47.66	5.69	32.90	-40.03	46.22	54.00	7.78	AV	Vertical

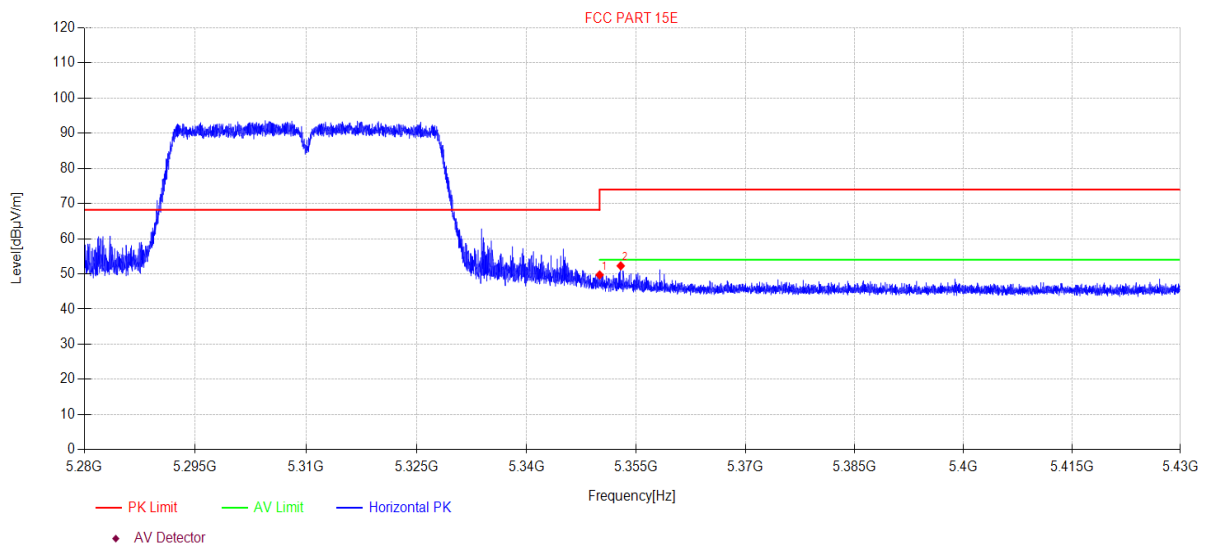
Note:

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\39
Memo: 11AC40MIMO 5310

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	5350.00	51.15	5.69	32.90	-40.03	49.71	74.00	24.29	PK	Horizontal
2	5352.89	53.73	5.69	32.90	-40.03	52.29	74.00	21.71	PK	Horizontal

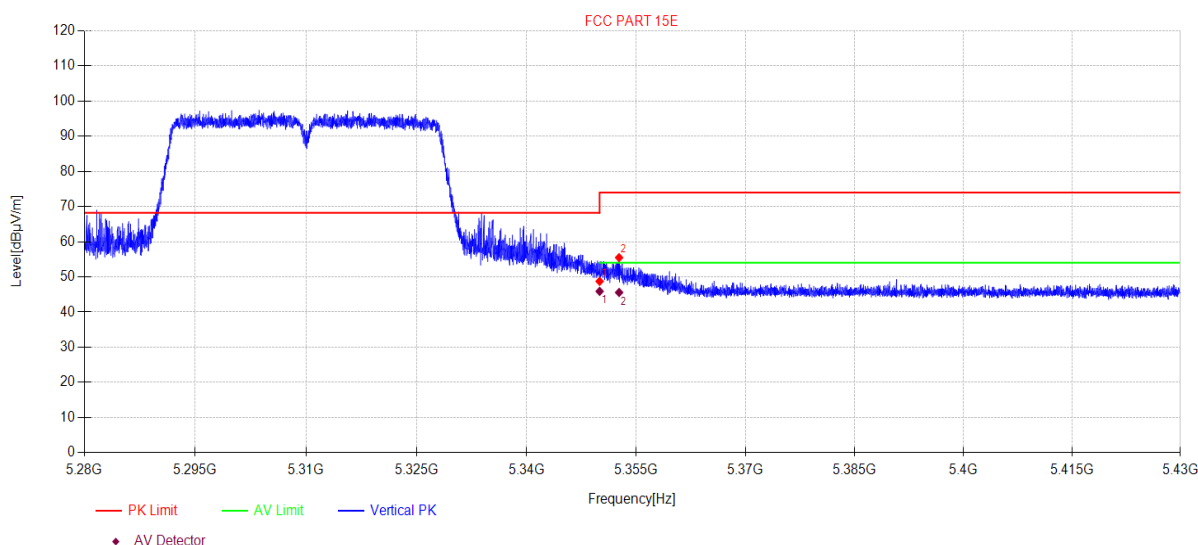
Note:

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\40
Memo: 11AC40MIMO 5310

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	5350.00	50.18	5.69	32.90	-40.03	48.74	74.00	25.26	PK	Vertical
2	5352.66	56.93	5.69	32.90	-40.03	55.49	74.00	18.51	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	5350.00	47.33	5.69	32.90	-40.03	45.89	54.00	8.11	AV	Vertical
2	5352.66	47.02	5.69	32.90	-40.03	45.58	54.00	8.42	AV	Vertical

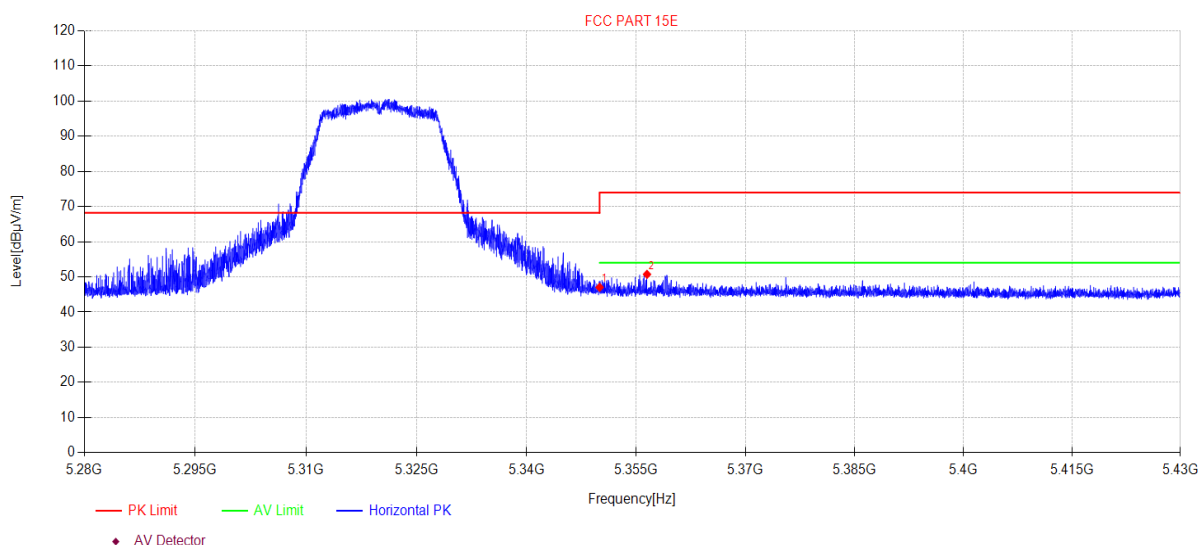
Note:

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\41
Memo: 11A 5320 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	5350.00	48.47	5.69	32.90	-40.03	47.03	74.00	26.97	PK	Horizontal
2	5356.49	52.17	5.69	32.90	-40.03	50.73	74.00	23.27	PK	Horizontal

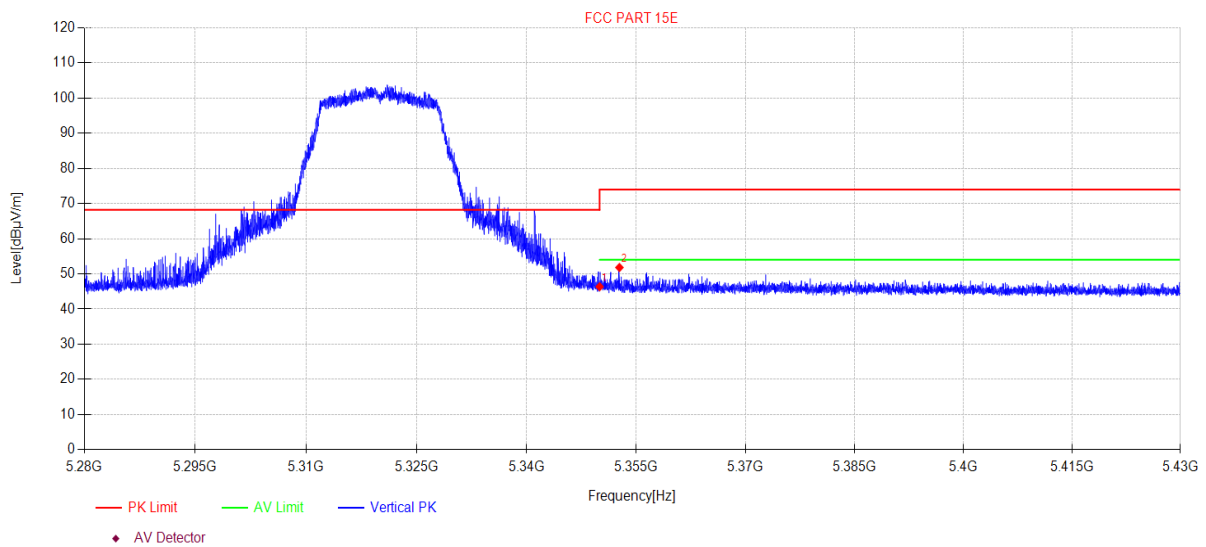
Note:

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\42
Memo: 11A 5320 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	5350.00	47.80	5.69	32.90	-40.03	46.36	74.00	27.64	PK	Vertical
2	5352.71	53.26	5.69	32.90	-40.03	51.82	74.00	22.18	PK	Vertical

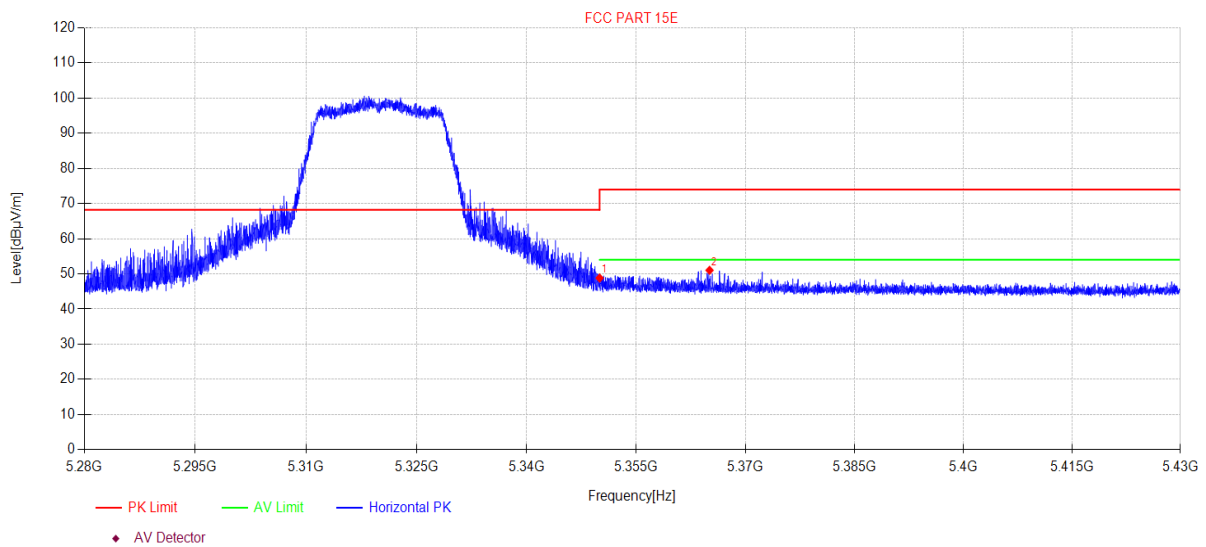
Note:

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\43
Memo: 11N20MIMO 5320

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	5350.00	50.26	5.69	32.90	-40.03	48.82	74.00	25.18	PK	Horizontal
2	5365.05	52.46	5.69	32.90	-40.03	51.02	74.00	22.98	PK	Horizontal

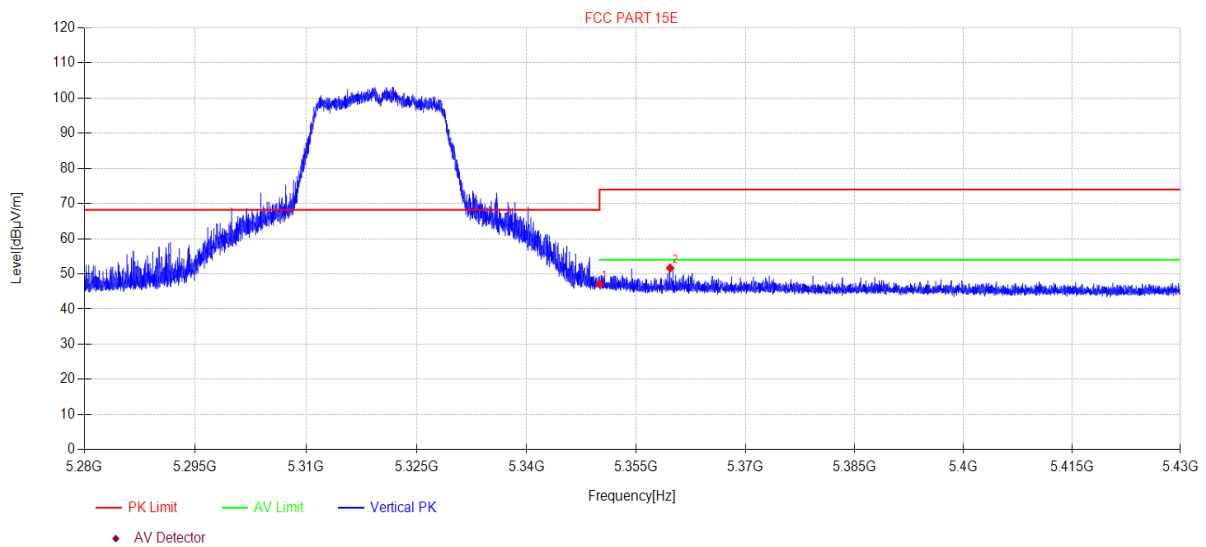
Note:

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\44
Memo: 11N20MIMO 5320

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	5350.00	48.54	5.69	32.90	-40.03	47.10	74.00	26.90	PK	Vertical
2	5359.67	53.10	5.69	32.90	-40.03	51.66	74.00	22.34	PK	Vertical

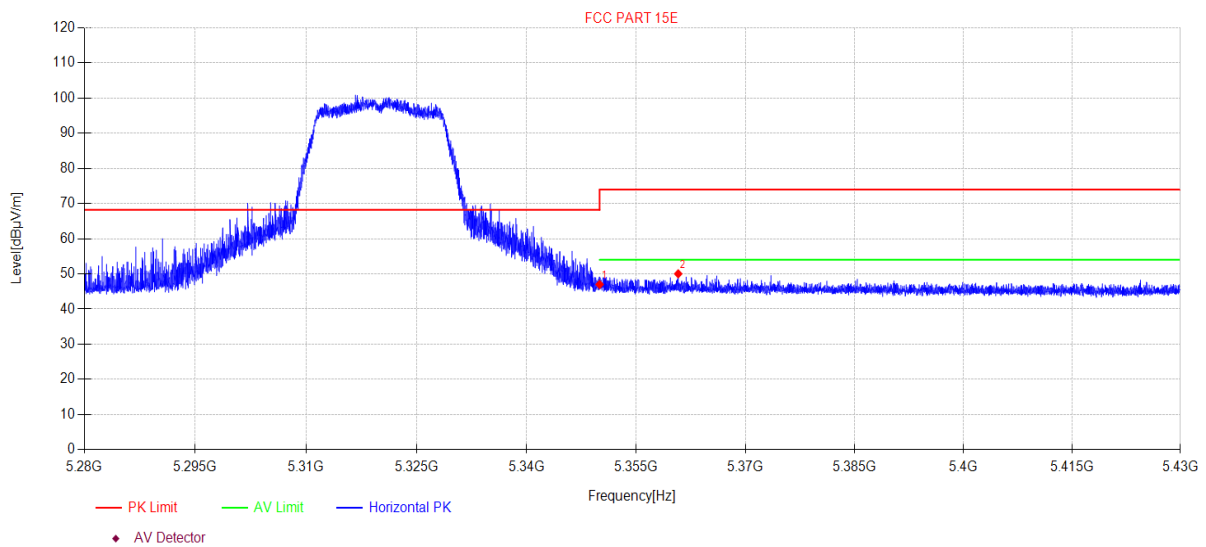
Note:

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\45
Memo: 11AC20MIMO 5320

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	5350.00	48.44	5.69	32.90	-40.03	47.00	74.00	27.00	PK	Horizontal
2	5360.76	51.47	5.69	32.90	-40.03	50.03	74.00	23.97	PK	Horizontal

Note:

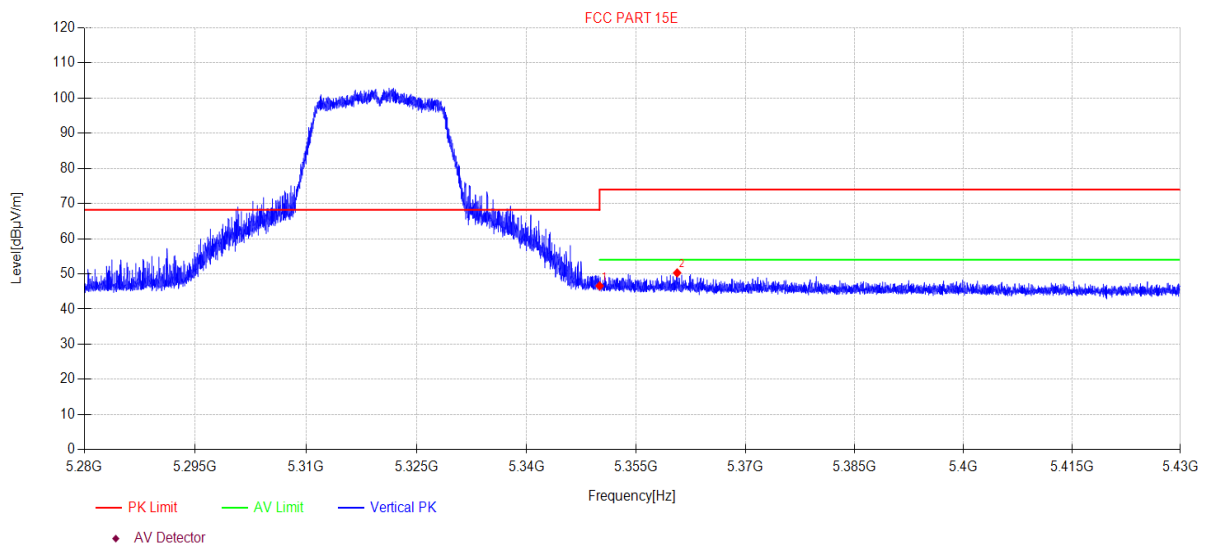
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-09-09
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\46
Memo: 11AC20MIMO 5320

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	5350.00	48.03	5.69	32.90	-40.03	46.59	74.00	27.41	PK	Vertical
2	5360.61	51.73	5.69	32.90	-40.03	50.29	74.00	23.71	PK	Vertical

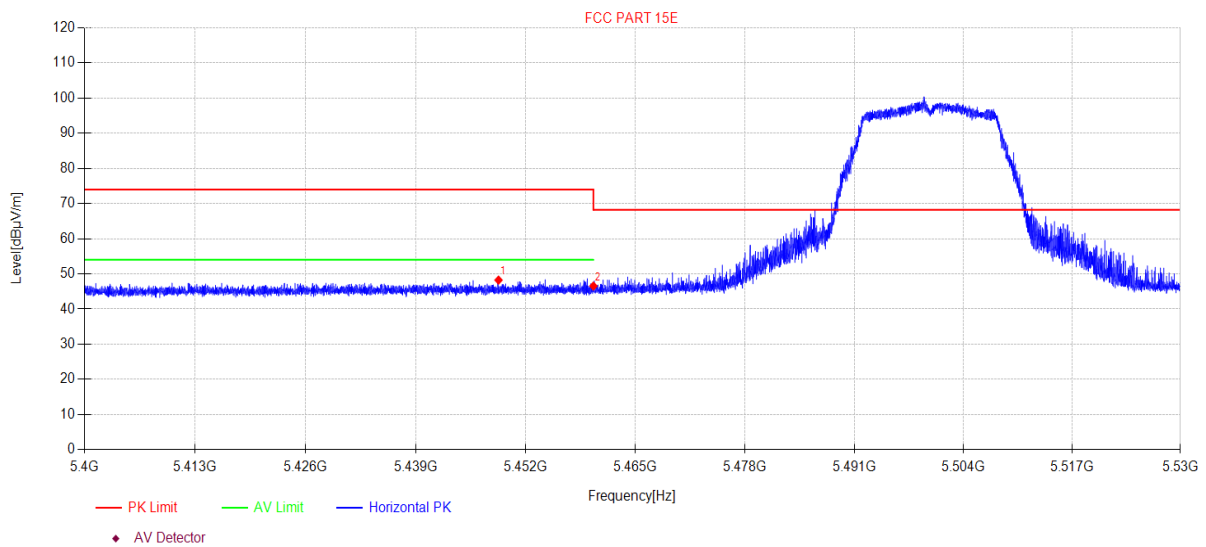
Note:

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\47
Memo: 11A 5500 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	5448.76	49.63	5.73	32.90	-40.02	48.24	74.00	25.76	PK	Horizontal
2	5460.00	47.93	5.74	32.90	-40.02	46.55	68.20	21.65	PK	Horizontal

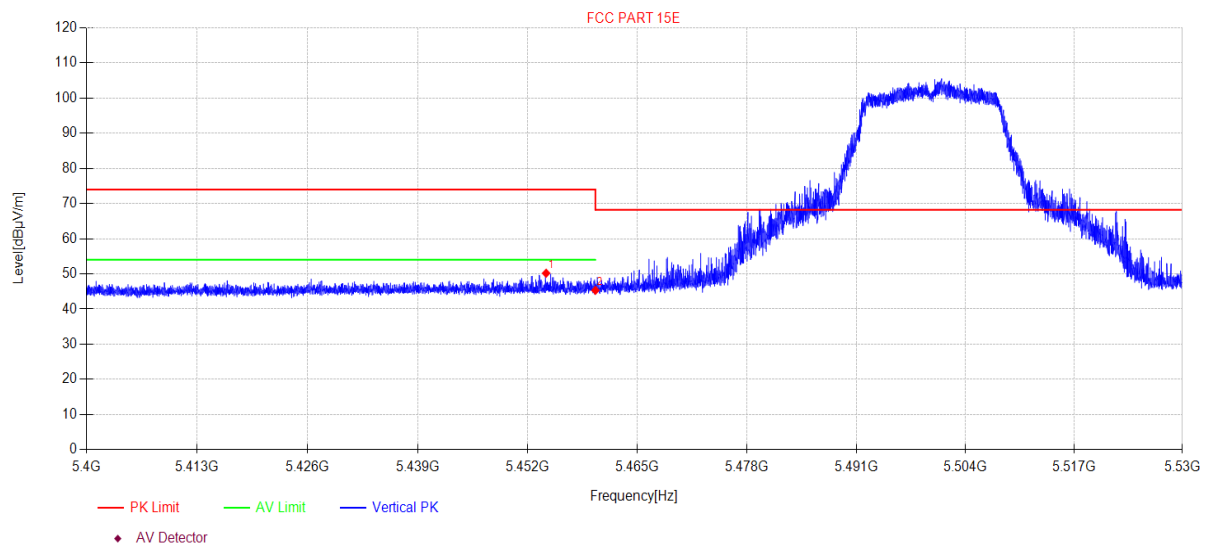
Note:

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\48
Memo: 11A 5500 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	5454.16	51.58	5.74	32.90	-40.02	50.20	74.00	23.80	PK	Vertical
2	5460.00	46.71	5.74	32.90	-40.02	45.33	68.20	22.87	PK	Vertical

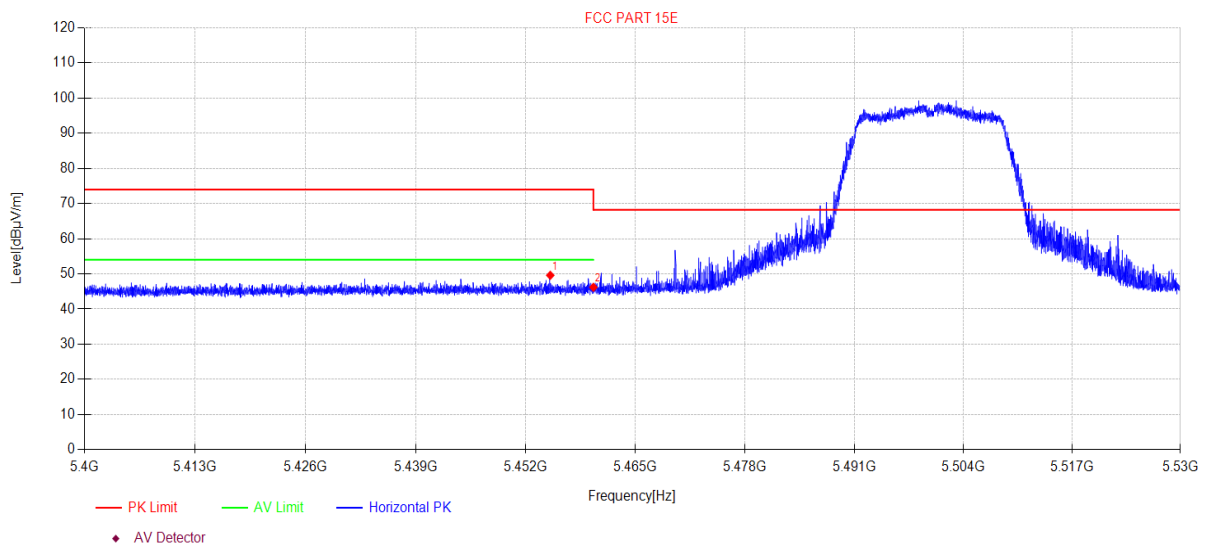
Note:

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\49
Memo: 11N20MIMO 5500

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	5454.89	50.98	5.74	32.90	-40.02	49.60	74.00	24.40	PK	Horizontal
2	5460.00	47.59	5.74	32.90	-40.02	46.21	68.20	21.99	PK	Horizontal

Note:

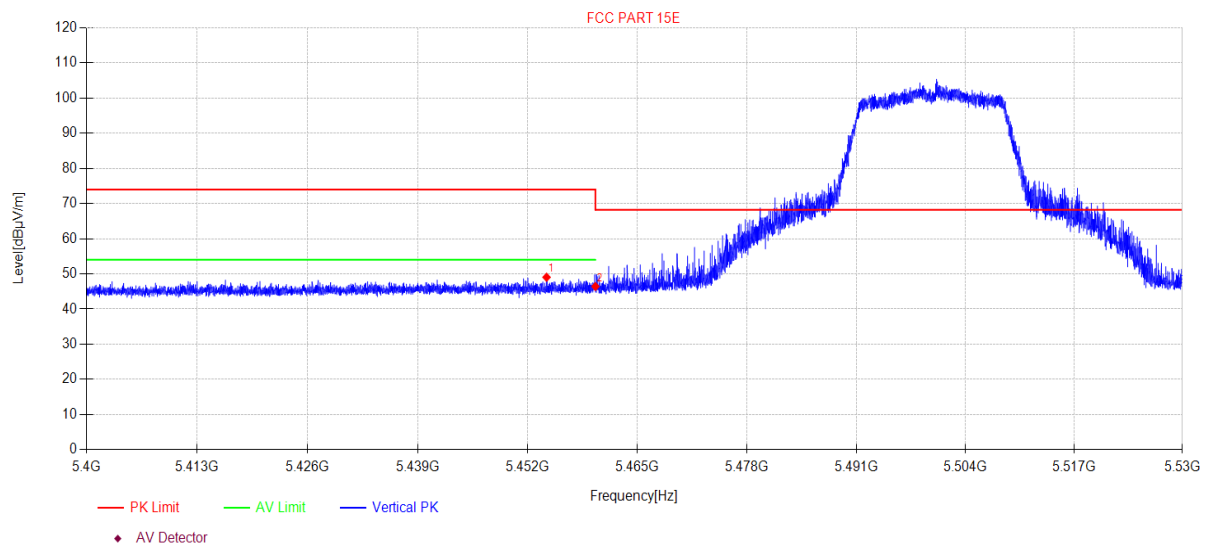
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 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\50
Memo: 11N20MIMO 5500

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	5454.21	50.42	5.74	32.90	-40.02	49.04	74.00	24.96	PK	Vertical
2	5460.00	47.81	5.74	32.90	-40.02	46.43	68.20	21.77	PK	Vertical

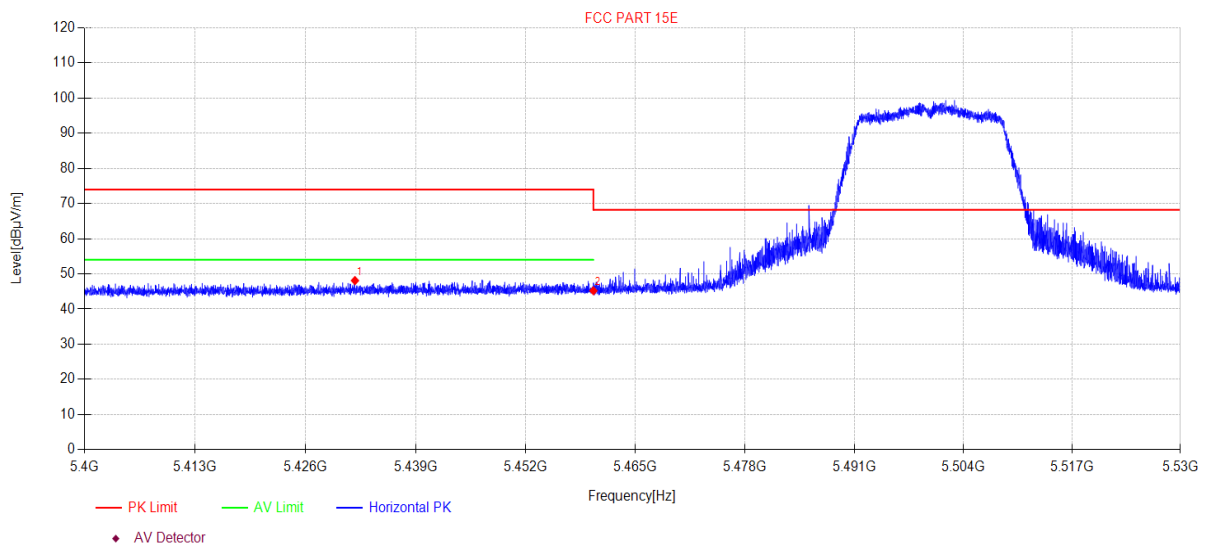
Note:

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\51
Memo: 11AC20MIMO 5500

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	5431.81	49.50	5.73	32.90	-40.02	48.11	74.00	25.89	PK	Horizontal
2	5460.00	46.60	5.74	32.90	-40.02	45.22	68.20	22.98	PK	Horizontal

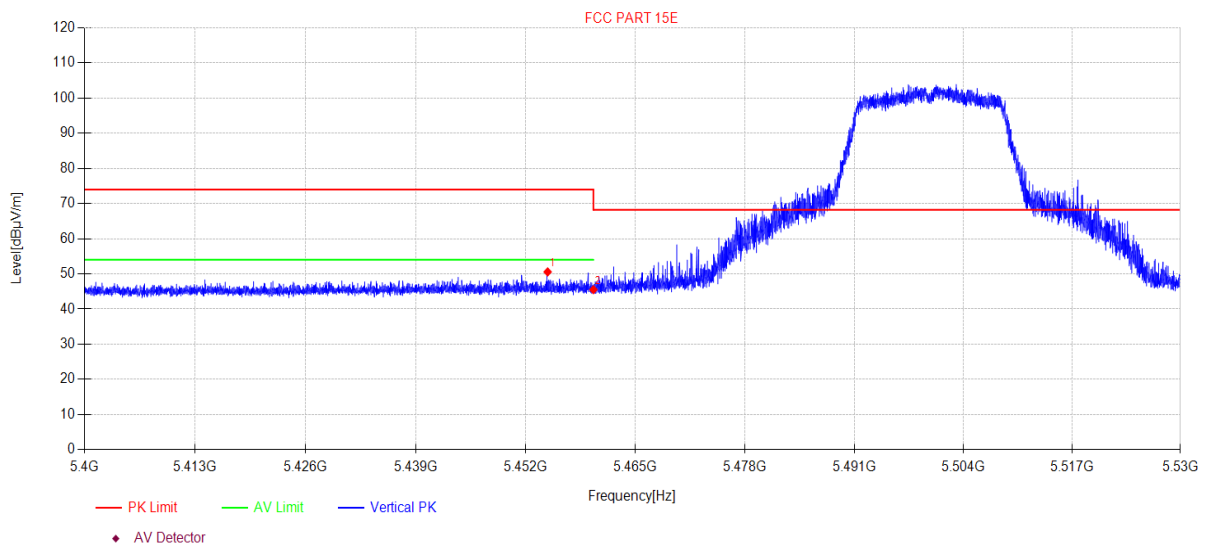
Note:

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\52
Memo: 11AC20MIMO 5500

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	5454.57	51.95	5.74	32.90	-40.02	50.57	74.00	23.43	PK	Vertical
2	5460.00	46.90	5.74	32.90	-40.02	45.52	68.20	22.68	PK	Vertical

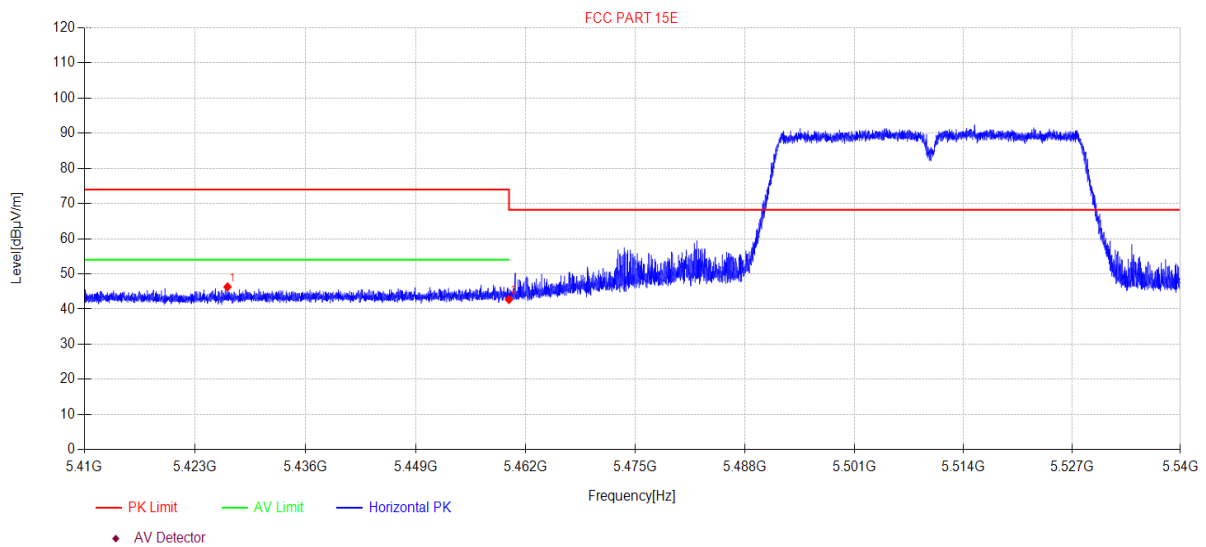
Note:

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\53
Memo: 11N40MIMO 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	5426.81	47.70	5.72	32.90	-40.02	46.30	74.00	27.70	PK	Horizontal
2	5460.00	44.11	5.74	32.90	-40.02	42.73	68.20	25.47	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.