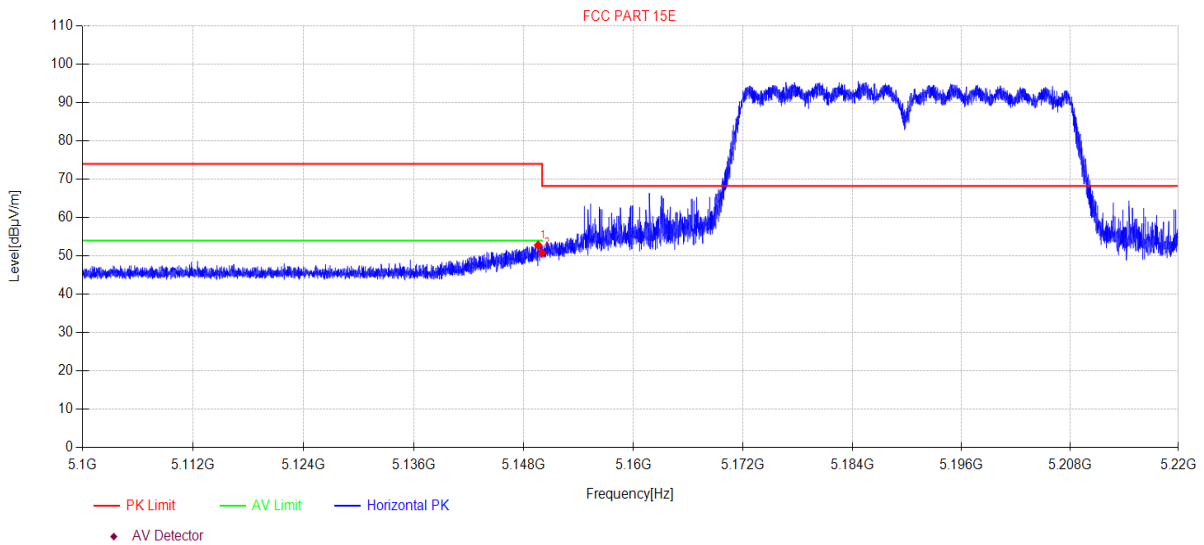


# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\127  
**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	5149.56	54.39	5.58	32.90	-40.06	52.81	74.00	21.19	PK	Horizontal
2	5150.00	52.36	5.59	32.90	-40.06	50.79	68.20	17.41	PK	Horizontal

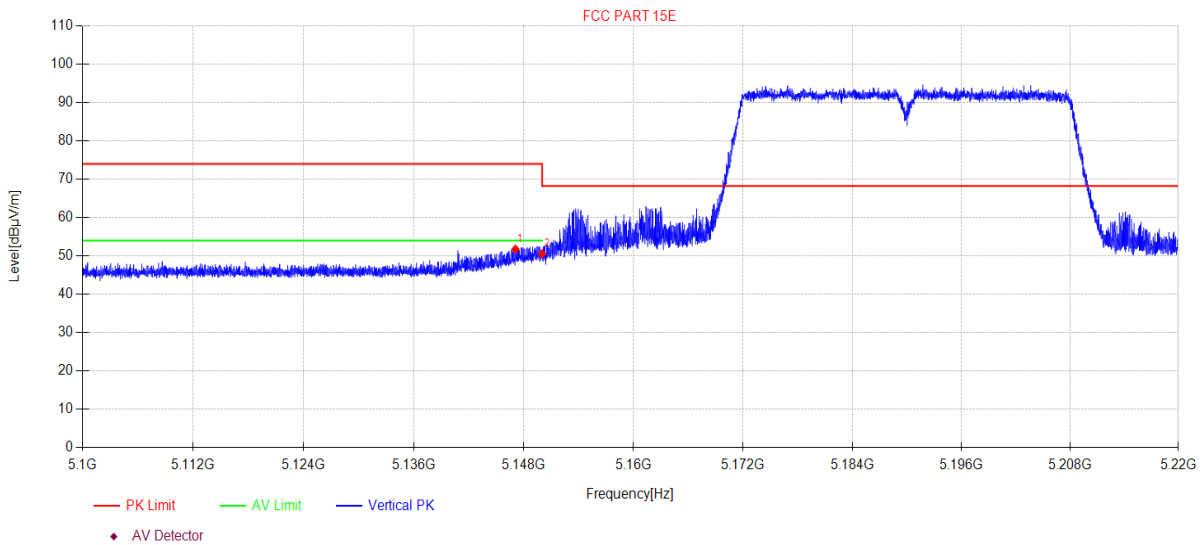
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\28  
**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	5147.09	53.35	5.58	32.90	-40.06	51.77	74.00	22.23	PK	Vertical
2	5150.00	52.12	5.59	32.90	-40.06	50.55	68.20	17.65	PK	Vertical

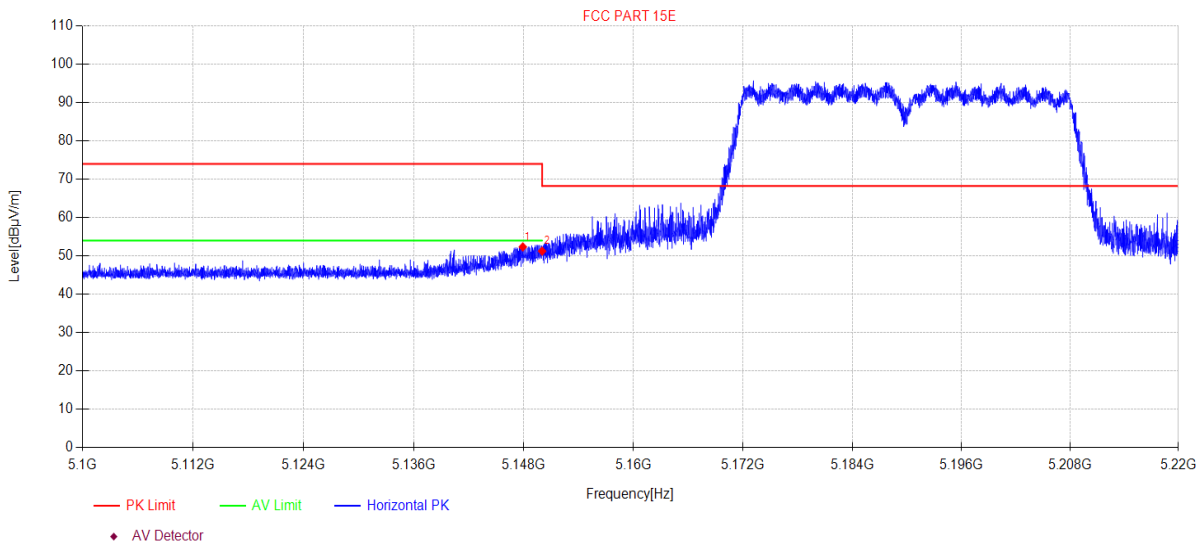
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\129  
**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	5147.89	53.93	5.58	32.90	-40.06	52.35	74.00	21.65	PK	Horizontal
2	5150.00	52.82	5.59	32.90	-40.06	51.25	68.20	16.95	PK	Horizontal

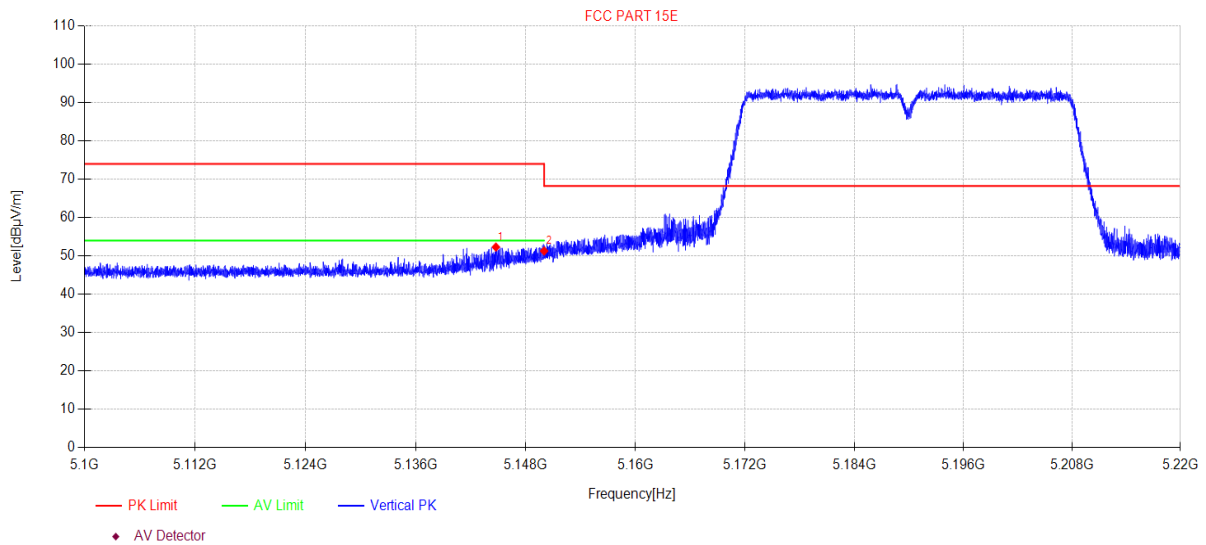
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\30  
**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	5144.74	53.89	5.58	32.90	-40.06	52.31	74.00	21.69	PK	Vertical
2	5150.00	52.86	5.59	32.90	-40.06	51.29	68.20	16.91	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.

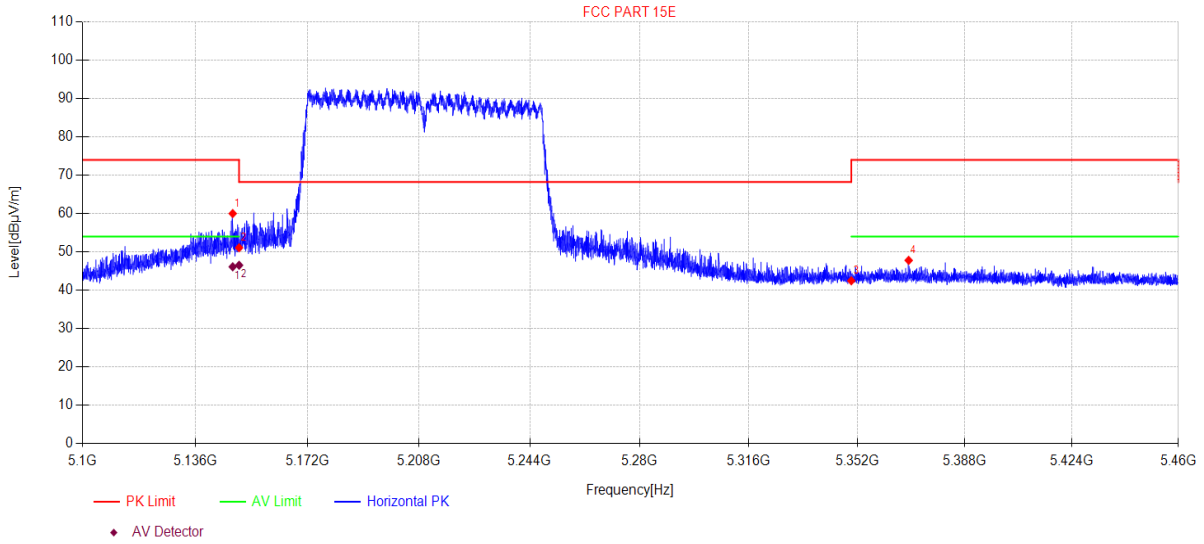
# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber

File Path: d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\31

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	5147.95	61.58	5.58	32.90	-40.06	60.00	74.00	14.00	PK	Horizontal
2	5150.00	52.65	5.59	32.90	-40.06	51.08	68.20	17.12	PK	Horizontal
3	5350.00	43.92	5.69	32.90	-40.03	42.48	74.00	31.52	PK	Horizontal
4	5369.14	49.24	5.69	32.90	-40.03	47.80	74.00	26.20	PK	Horizontal

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	5147.95	47.70	5.58	32.90	-40.06	46.12	54.00	7.88	AV	Horizontal
2	5150.00	48.10	5.59	32.90	-40.06	46.53	54.00	7.47	AV	Horizontal

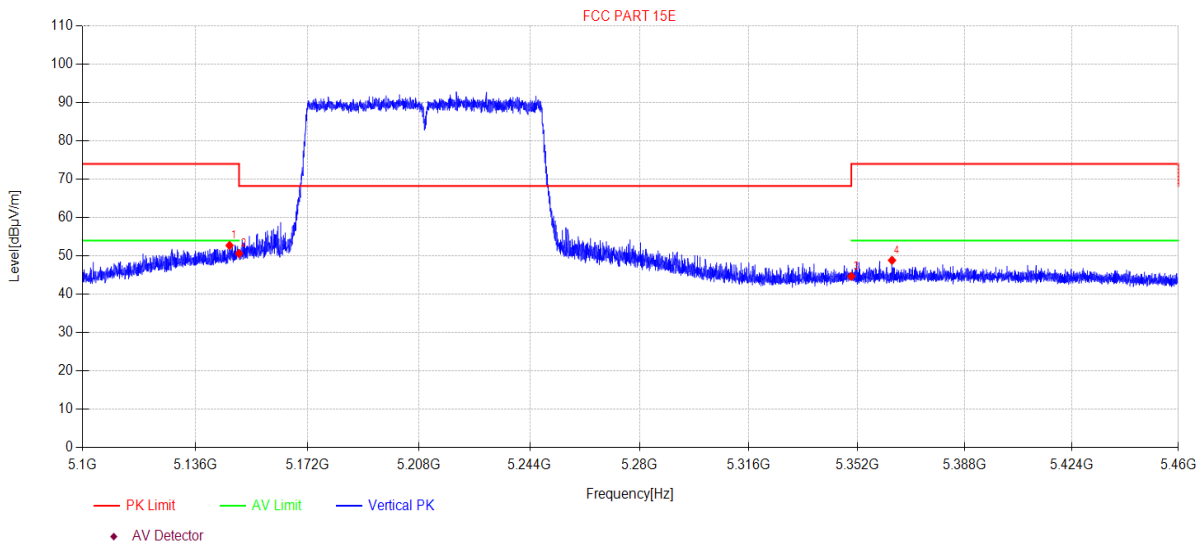
Note:

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\32  
**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	5146.94	54.30	5.58	32.90	-40.06	52.72	74.00	21.28	PK	Vertical
2	5150.00	52.19	5.59	32.90	-40.06	50.62	68.20	17.58	PK	Vertical
3	5350.00	46.13	5.69	32.90	-40.03	44.69	74.00	29.31	PK	Vertical
4	5363.56	50.29	5.69	32.90	-40.03	48.85	74.00	25.15	PK	Vertical

**Note:**

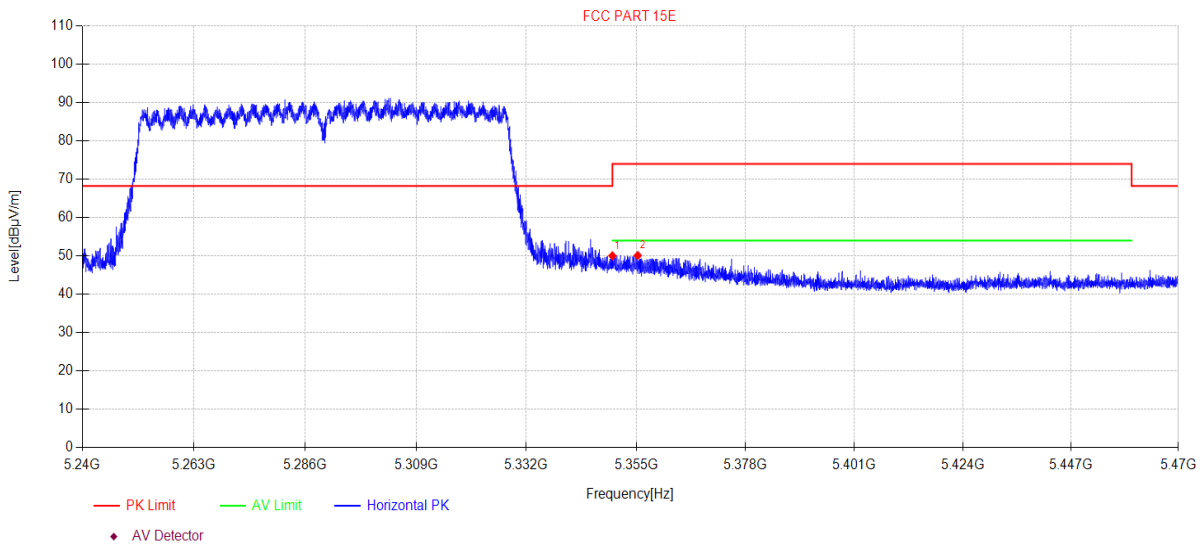
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\33  
**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	5350.00	51.47	5.69	32.90	-40.03	50.03	74.00	23.97	PK	Horizontal
2	5355.32	51.55	5.69	32.90	-40.03	50.11	74.00	23.89	PK	Horizontal

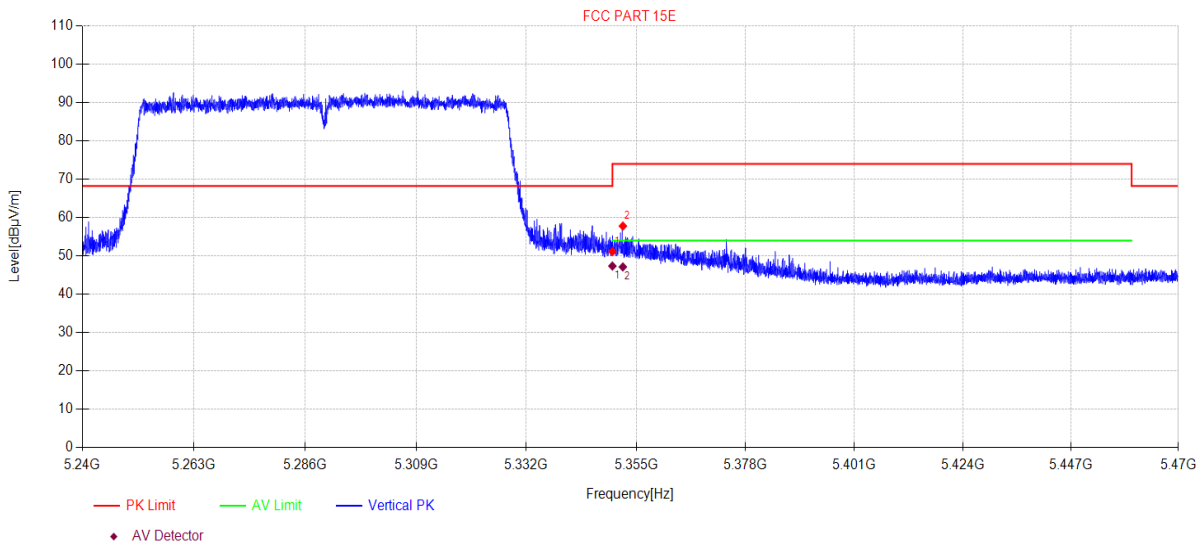
**Note:**

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

# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\34  
**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	5350.00	52.56	5.69	32.90	-40.03	51.12	74.00	22.88	PK	Vertical
2	5352.19	59.22	5.69	32.90	-40.03	57.78	74.00	16.22	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	48.80	5.69	32.90	-40.03	47.36	54.00	6.64	AV	Vertical
2	5352.19	48.57	5.69	32.90	-40.03	47.13	54.00	6.87	AV	Vertical

**Note:**

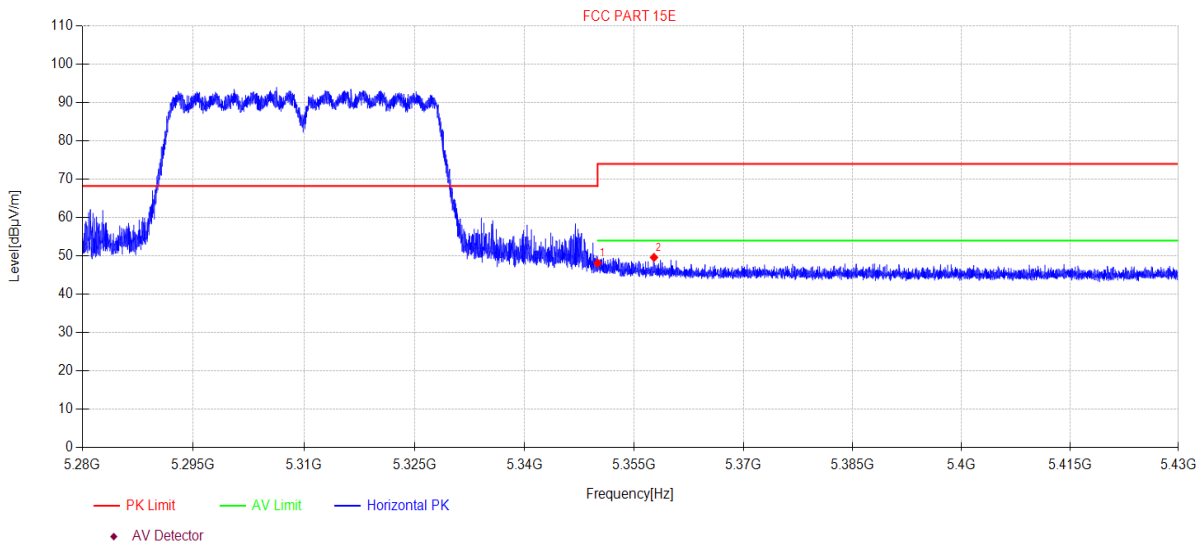
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\35  
**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	49.57	5.69	32.90	-40.03	48.13	74.00	25.87	PK	Horizontal
2	5357.72	51.04	5.69	32.90	-40.03	49.60	74.00	24.40	PK	Horizontal

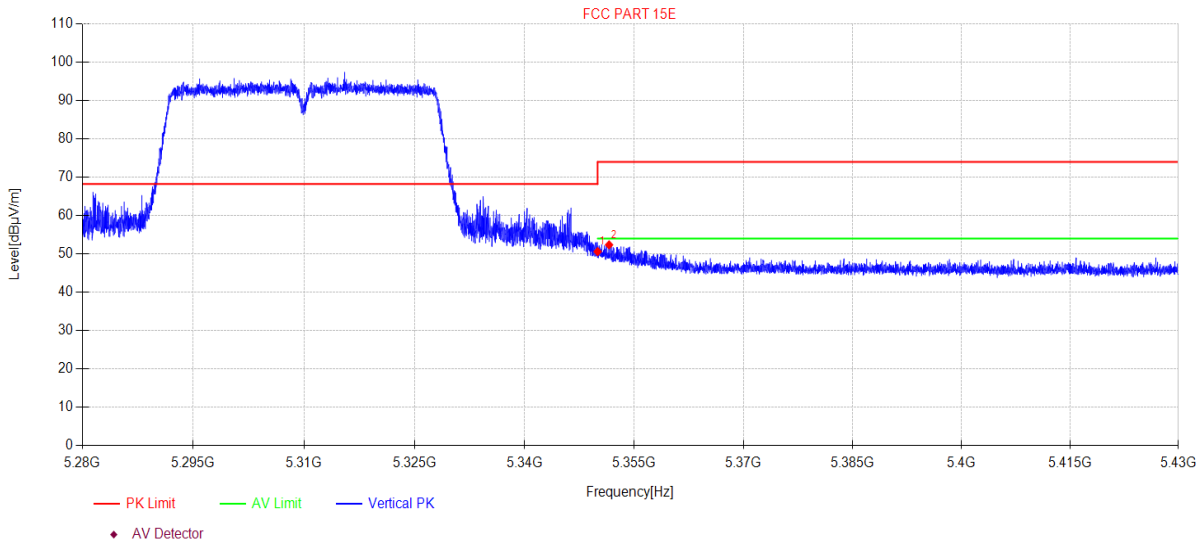
**Note:**

- 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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\36  
**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	52.05	5.69	32.90	-40.03	50.61	74.00	23.39	PK	Vertical
2	5351.57	53.81	5.69	32.90	-40.03	52.37	74.00	21.63	PK	Vertical

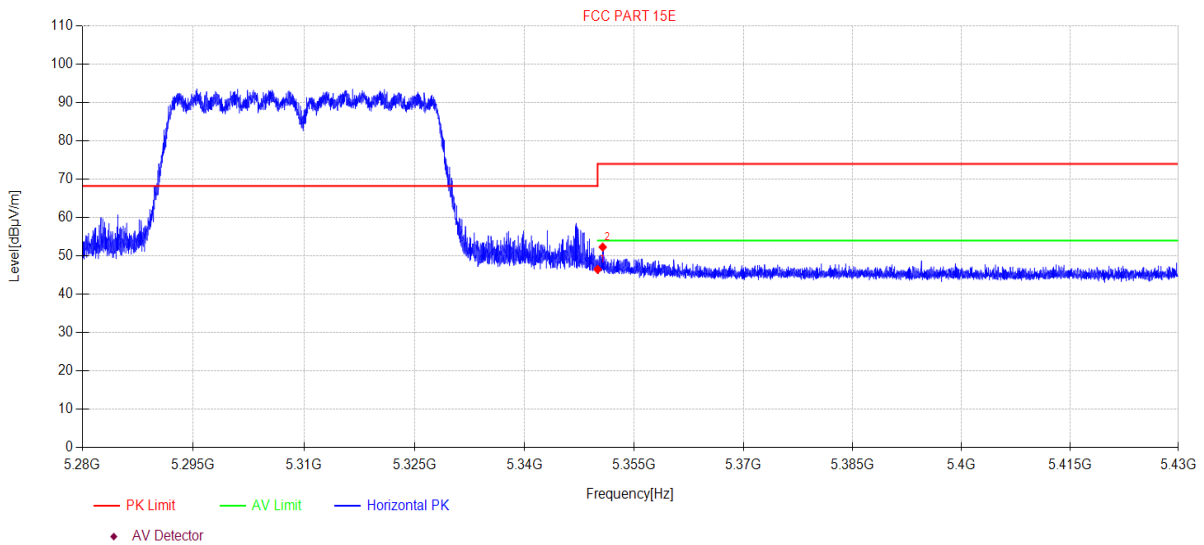
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\37  
**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	47.93	5.69	32.90	-40.03	46.49	74.00	27.51	PK	Horizontal
2	5350.70	53.74	5.69	32.90	-40.03	52.30	74.00	21.70	PK	Horizontal

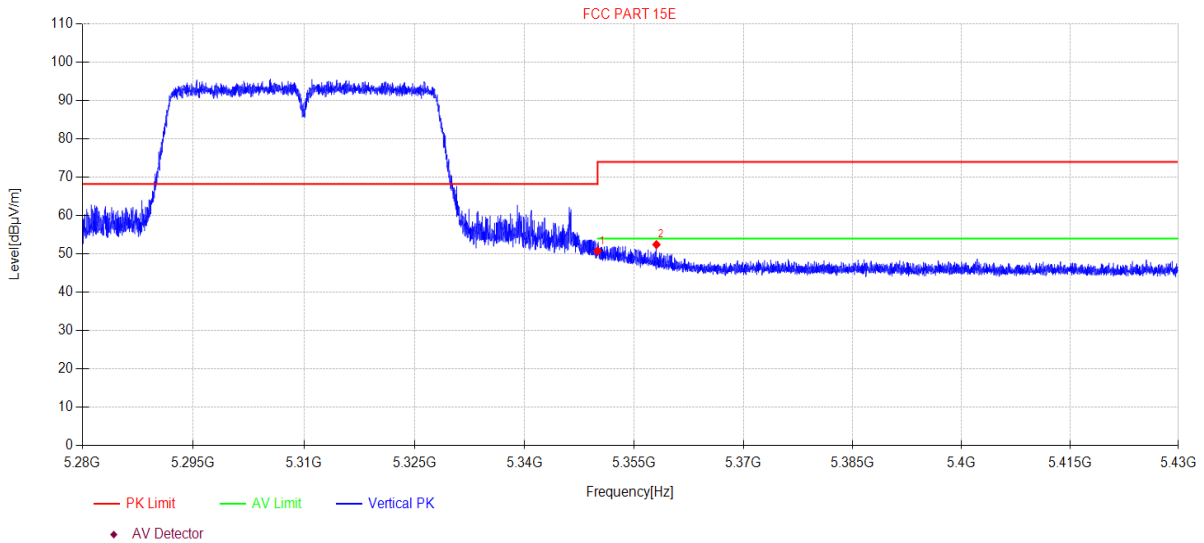
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\38  
**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	52.19	5.69	32.90	-40.03	50.75	74.00	23.25	PK	Vertical
2	5358.05	53.87	5.69	32.90	-40.03	52.43	74.00	21.57	PK	Vertical

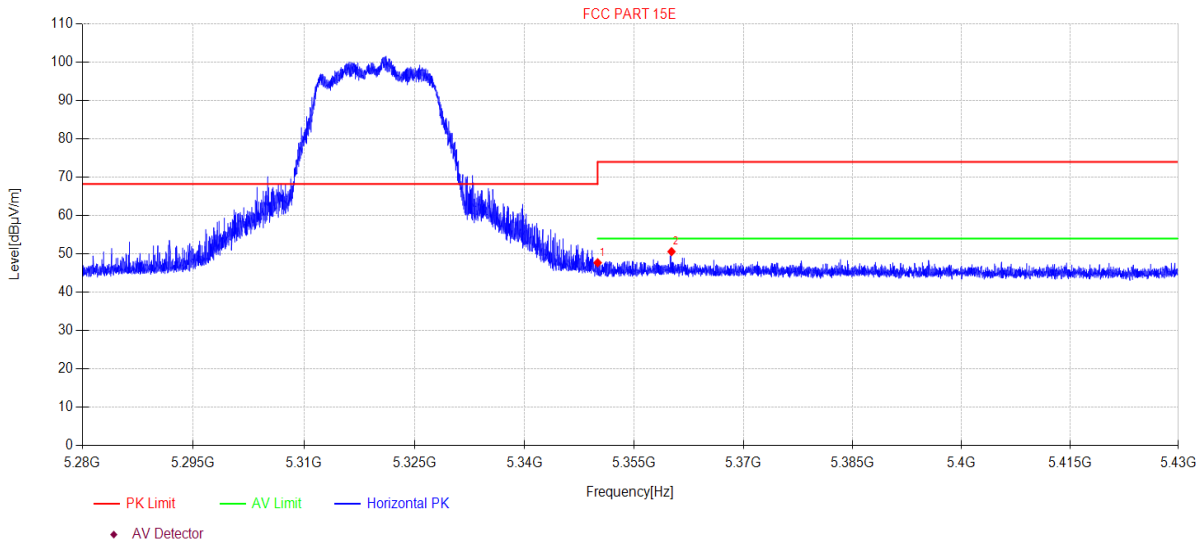
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\39  
**Memo:** 11A 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	49.15	5.69	32.90	-40.03	47.71	74.00	26.29	PK	Horizontal
2	5360.12	52.03	5.69	32.90	-40.03	50.59	74.00	23.41	PK	Horizontal

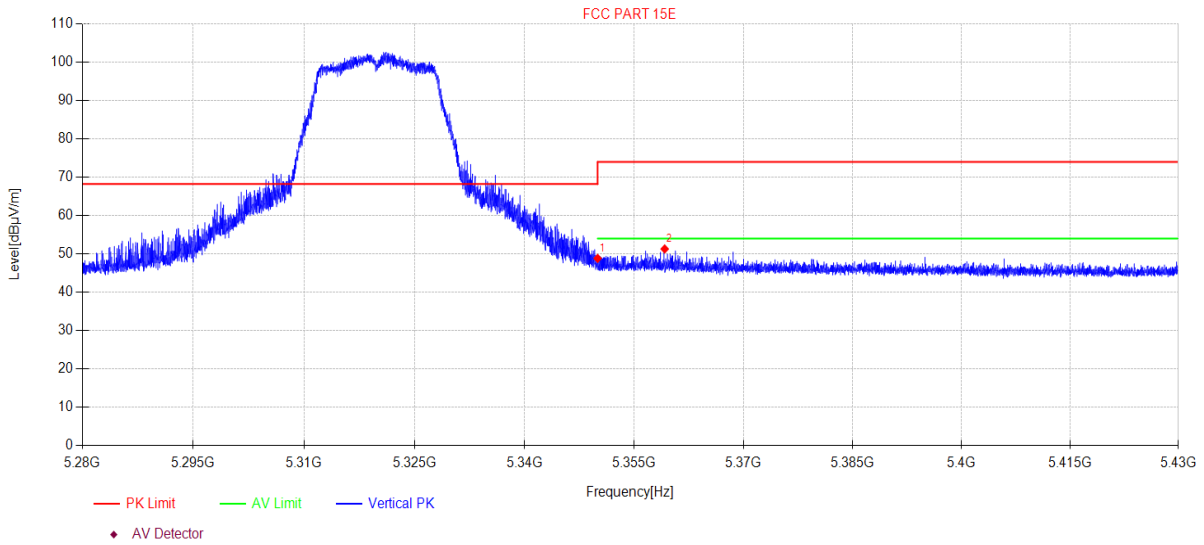
**Note:**

- 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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI40  
**Memo:** 11A 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	50.28	5.69	32.90	-40.03	48.84	74.00	25.16	PK	Vertical
2	5359.17	52.73	5.69	32.90	-40.03	51.29	74.00	22.71	PK	Vertical

**Note:**

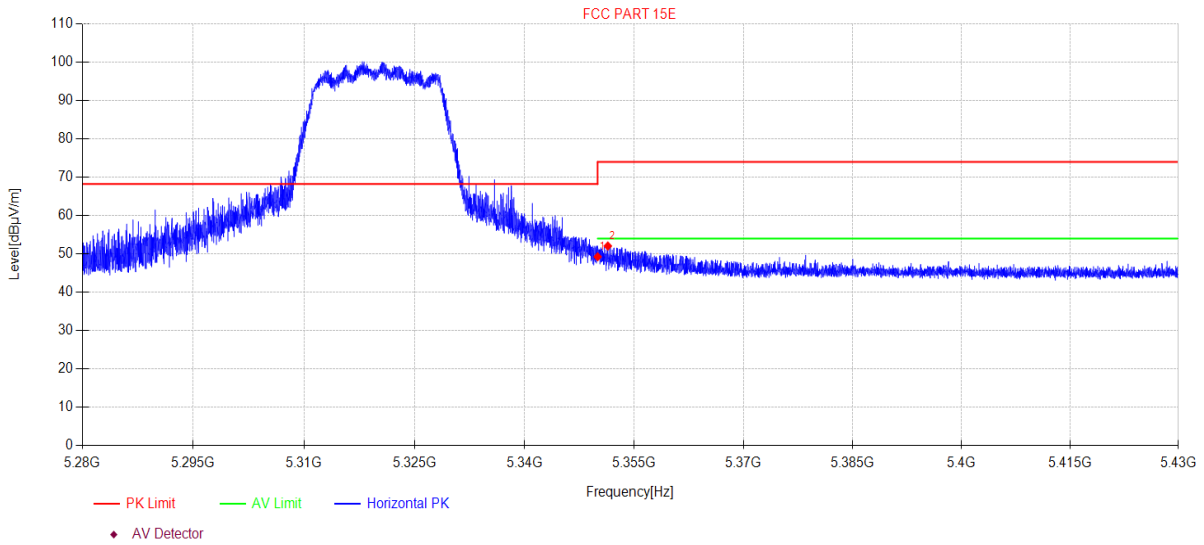
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI41  
**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	50.69	5.69	32.90	-40.03	49.25	74.00	24.75	PK	Horizontal
2	5351.40	53.50	5.69	32.90	-40.03	52.06	74.00	21.94	PK	Horizontal

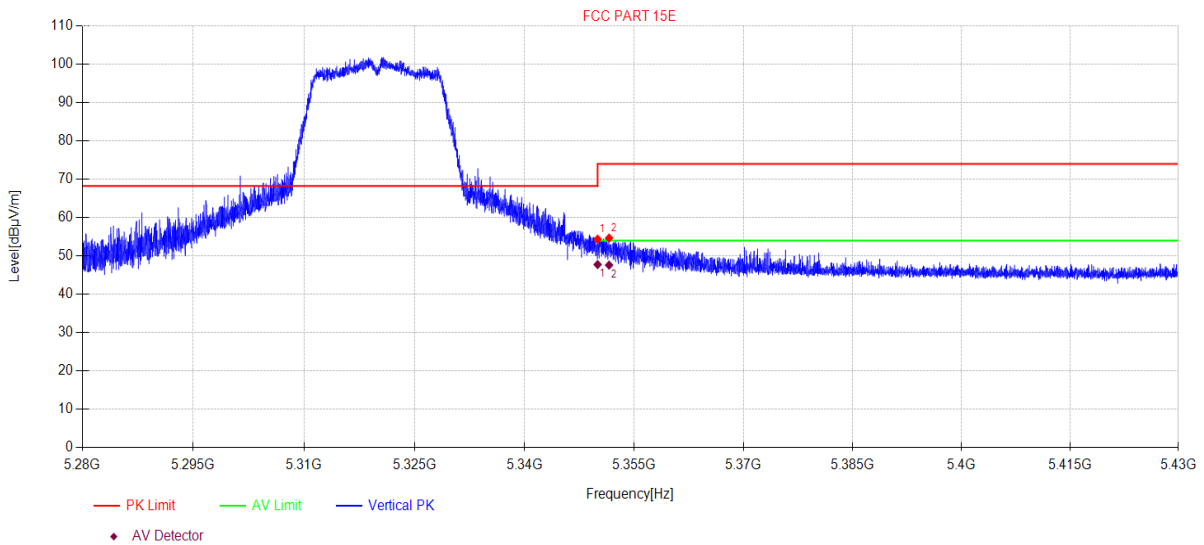
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI42  
**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	55.79	5.69	32.90	-40.03	54.35	74.00	19.65	PK	Vertical
2	5351.57	56.09	5.69	32.90	-40.03	54.65	74.00	19.35	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	49.18	5.69	32.90	-40.03	47.74	54.00	6.26	AV	Vertical
2	5351.57	49.04	5.69	32.90	-40.03	47.60	54.00	6.40	AV	Vertical

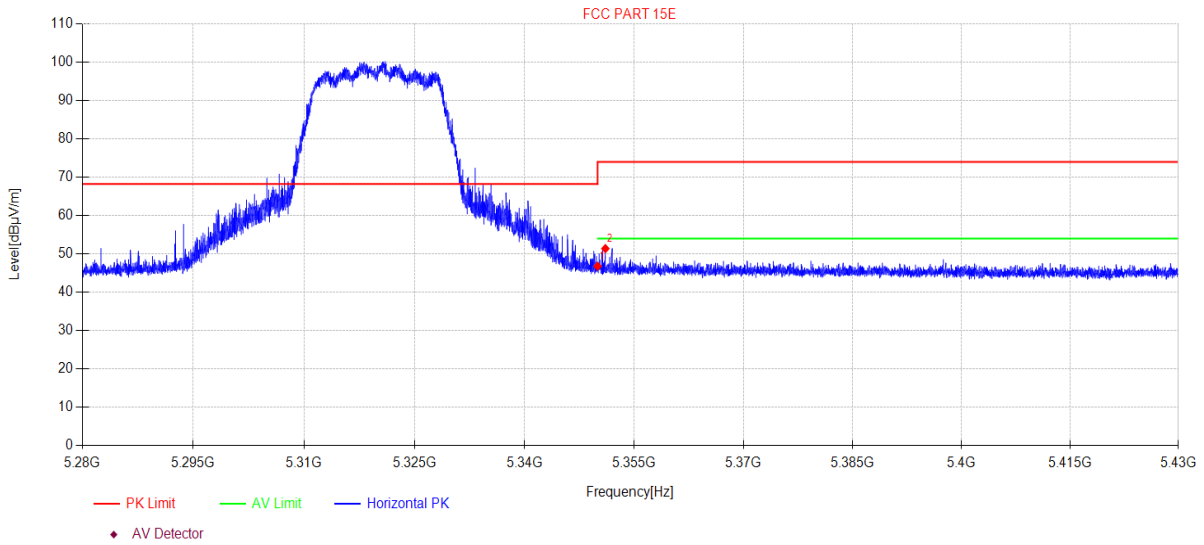
Note:

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI43  
**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	48.24	5.69	32.90	-40.03	46.80	74.00	27.20	PK	Horizontal
2	5351.06	52.83	5.69	32.90	-40.03	51.39	74.00	22.61	PK	Horizontal

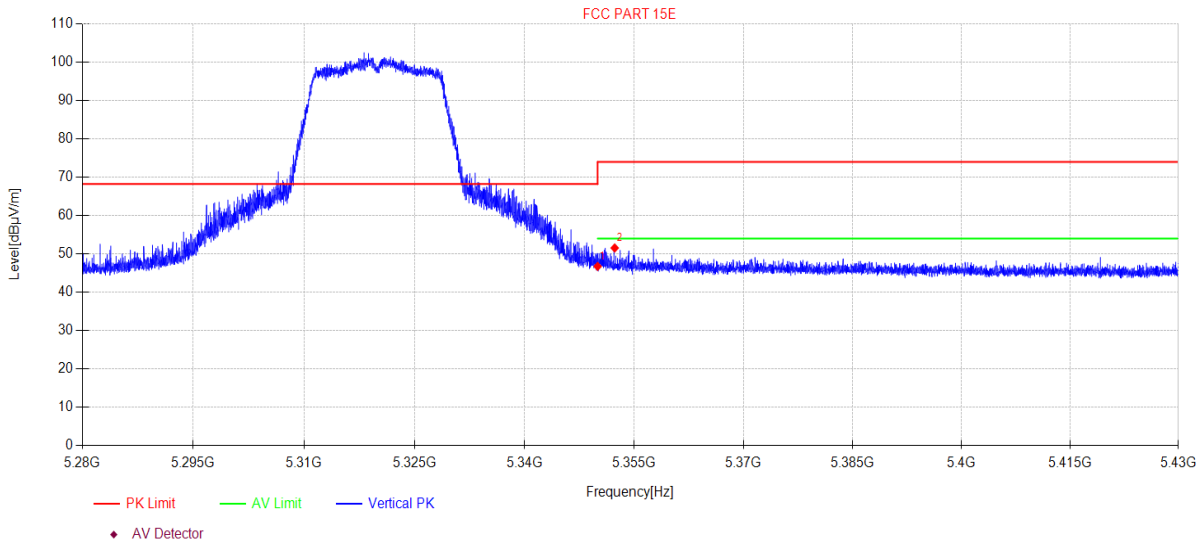
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI44  
**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	48.18	5.69	32.90	-40.03	46.74	74.00	27.26	PK	Vertical
2	5352.33	52.99	5.69	32.90	-40.03	51.55	74.00	22.45	PK	Vertical

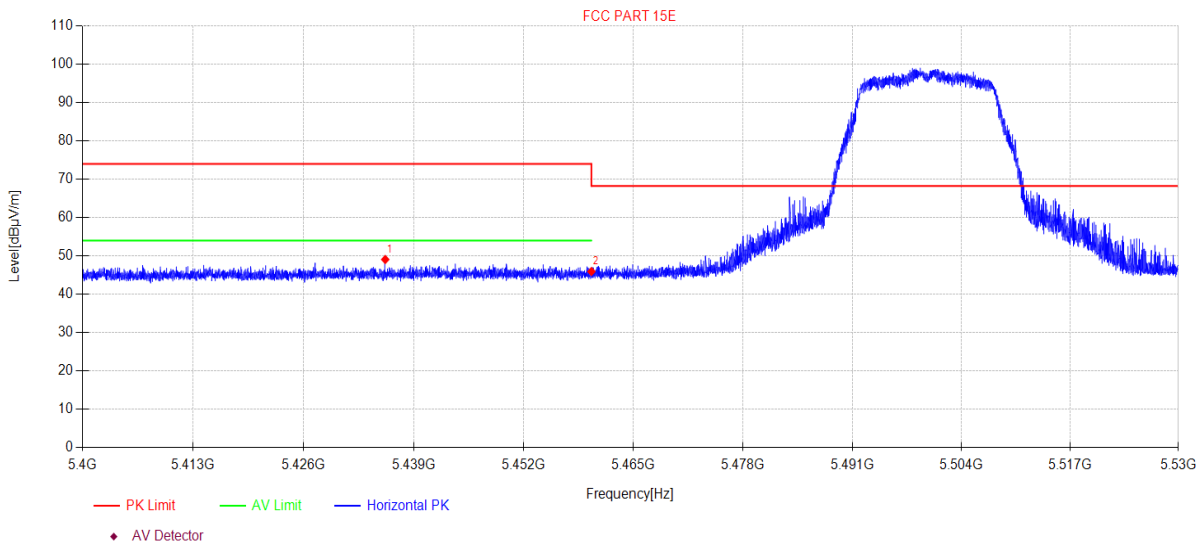
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI45  
**Memo:** 11A 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	5435.62	50.46	5.73	32.90	-40.02	49.07	74.00	24.93	PK	Horizontal
2	5460.00	47.32	5.74	32.90	-40.02	45.94	68.20	22.26	PK	Horizontal

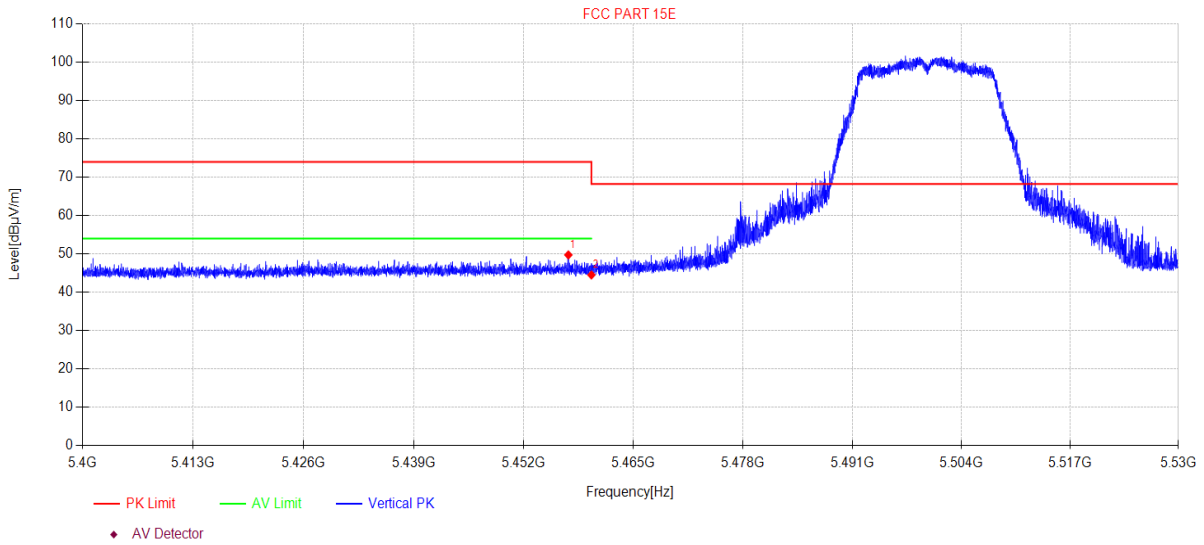
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI46  
**Memo:** 11A 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	5457.27	51.12	5.74	32.90	-40.02	49.74	74.00	24.26	PK	Vertical
2	5460.00	45.90	5.74	32.90	-40.02	44.52	68.20	23.68	PK	Vertical

**Note:**

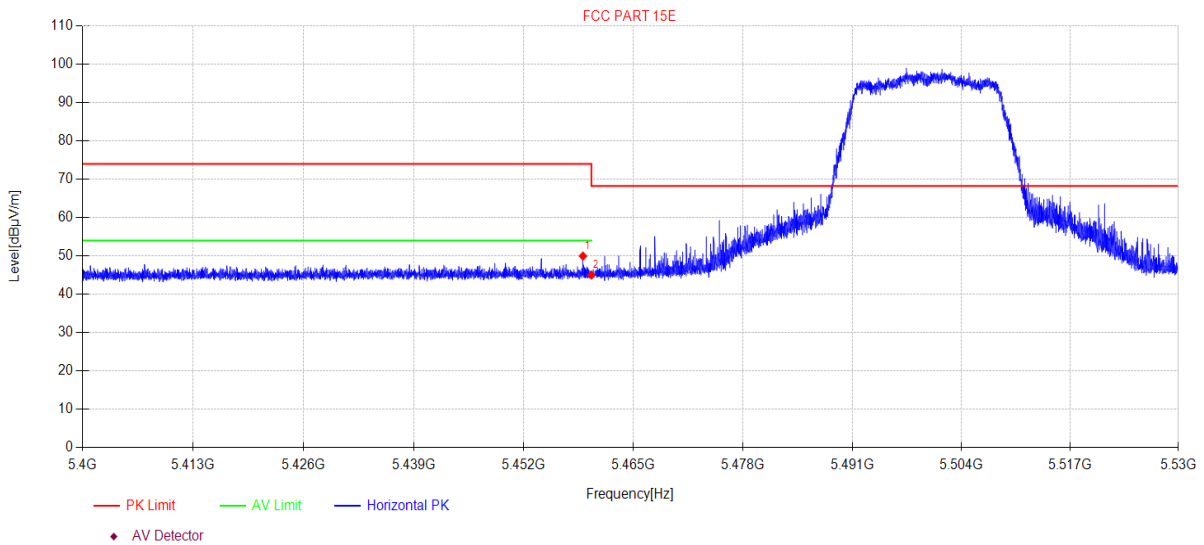
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI47  
**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	5458.99	51.33	5.74	32.90	-40.02	49.95	74.00	24.05	PK	Horizontal
2	5460.00	46.40	5.74	32.90	-40.02	45.02	68.20	23.18	PK	Horizontal

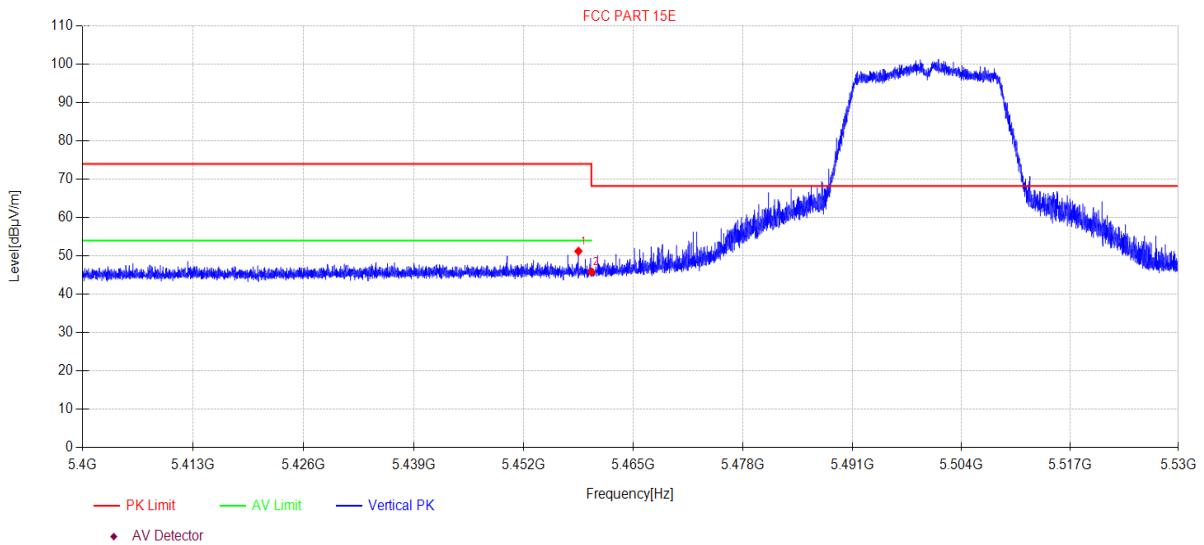
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI48  
**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	5458.46	52.60	5.74	32.90	-40.02	51.22	74.00	22.78	PK	Vertical
2	5460.00	47.18	5.74	32.90	-40.02	45.80	68.20	22.40	PK	Vertical

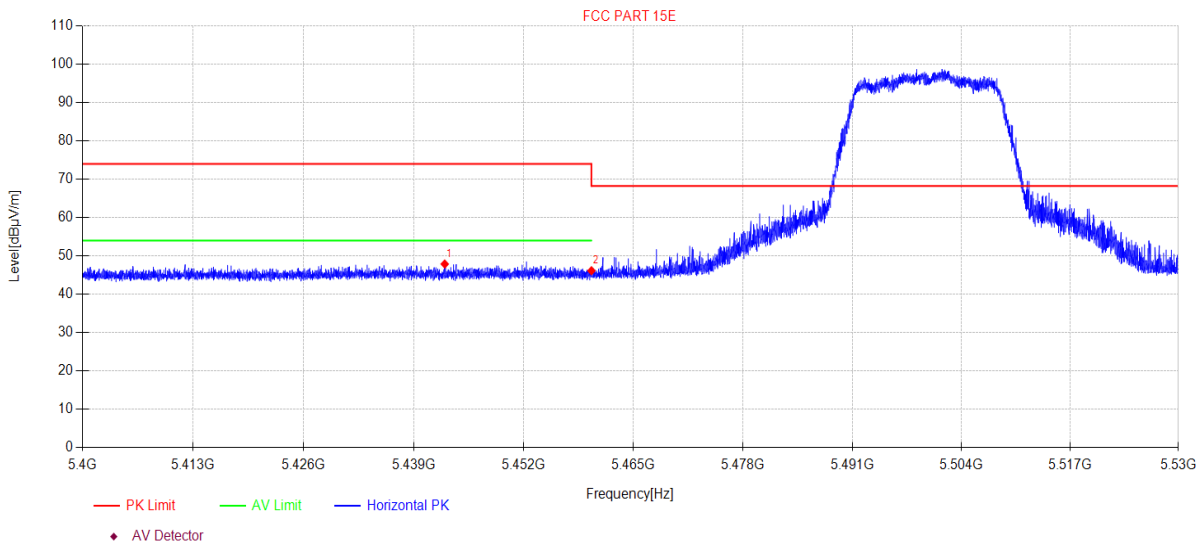
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI49  
**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	5442.64	49.27	5.73	32.90	-40.02	47.88	74.00	26.12	PK	Horizontal
2	5460.00	47.52	5.74	32.90	-40.02	46.14	68.20	22.06	PK	Horizontal

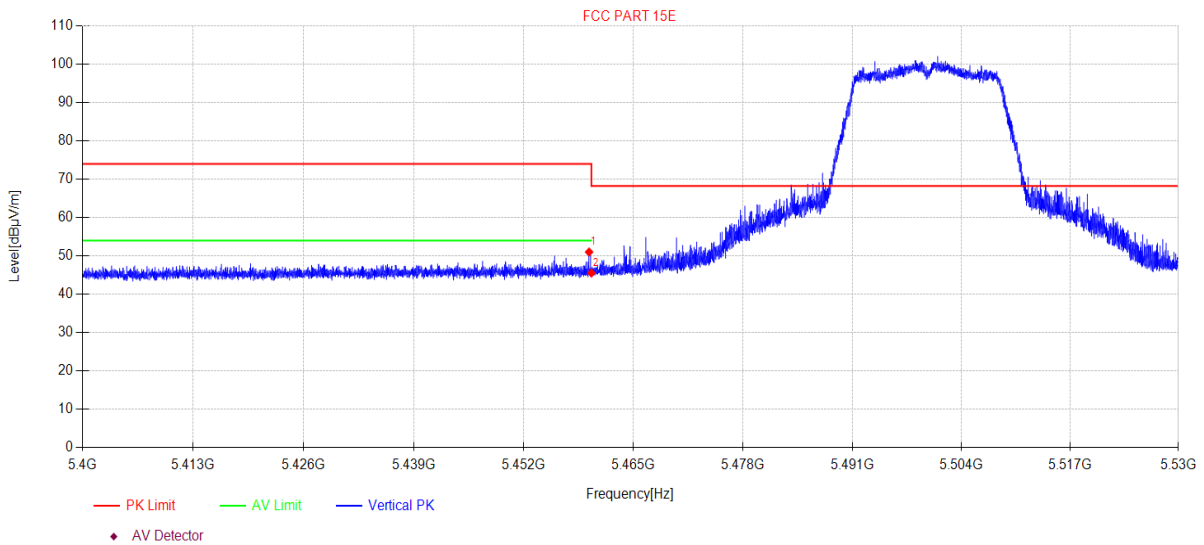
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\50  
**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	5459.72	52.40	5.74	32.90	-40.02	51.02	74.00	22.98	PK	Vertical
2	5460.00	46.92	5.74	32.90	-40.02	45.54	68.20	22.66	PK	Vertical

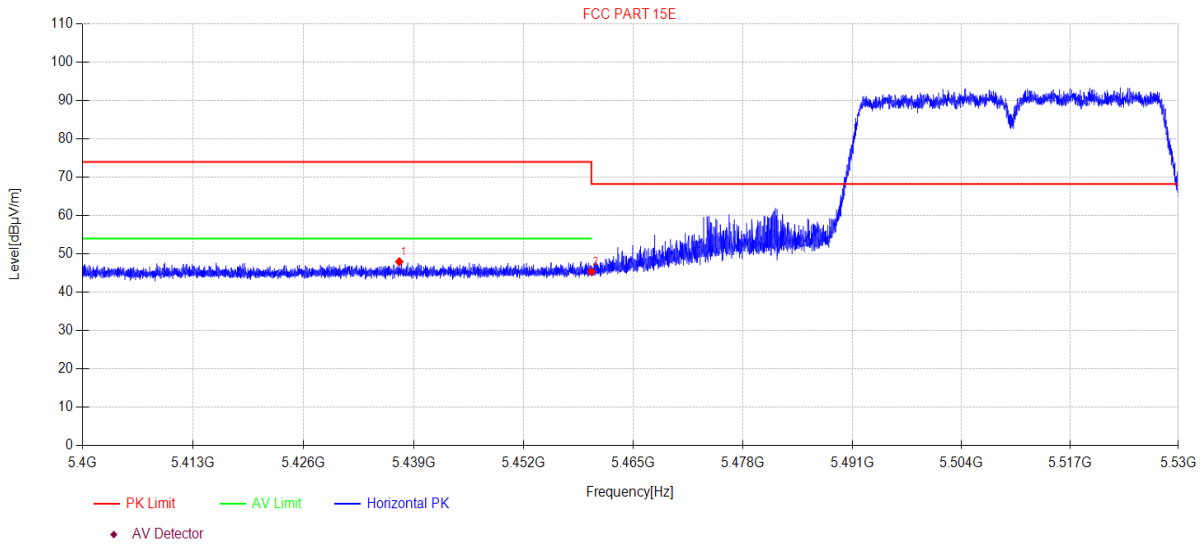
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\51  
**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	5437.27	49.36	5.73	32.90	-40.02	47.97	74.00	26.03	PK	Horizontal
2	5460.00	46.75	5.74	32.90	-40.02	45.37	68.20	22.83	PK	Horizontal

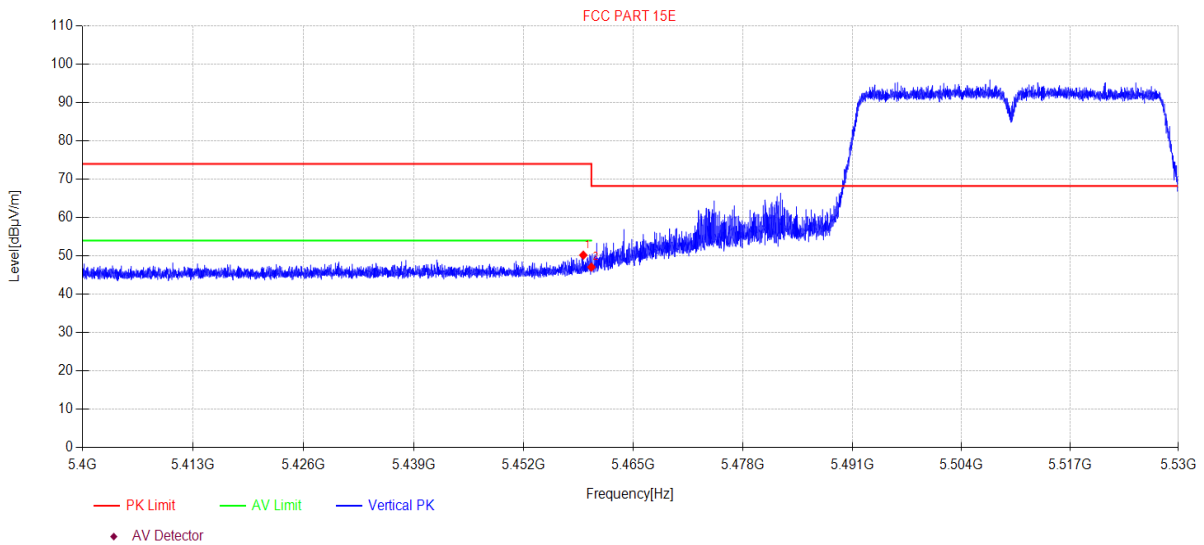
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\52  
**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	5459.03	51.58	5.74	32.90	-40.02	50.20	74.00	23.80	PK	Vertical
2	5460.00	48.47	5.74	32.90	-40.02	47.09	68.20	21.11	PK	Vertical

**Note:**

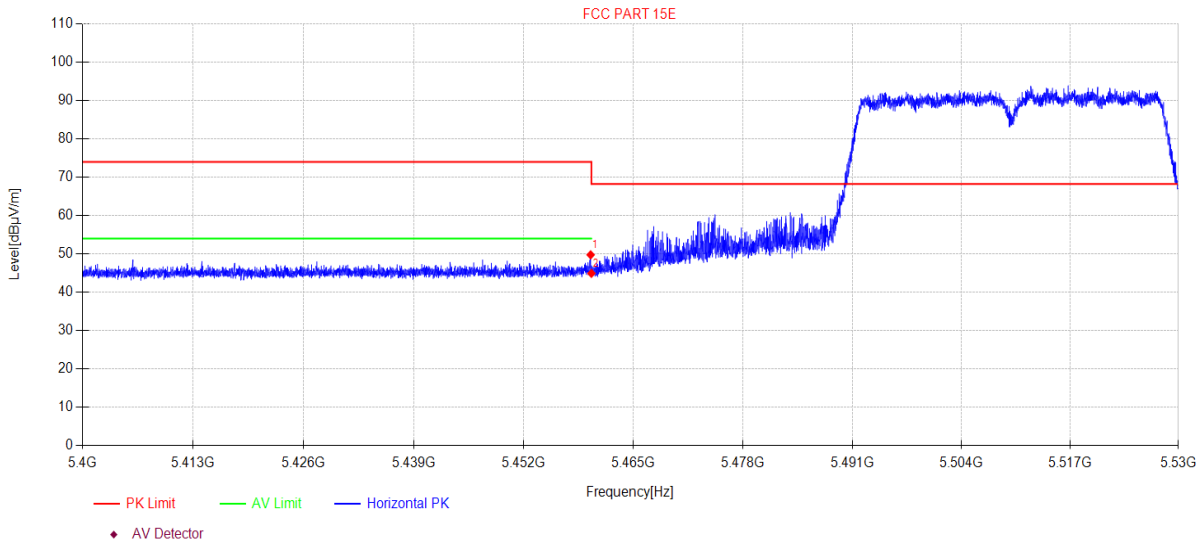
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\53  
**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	5459.90	51.14	5.74	32.90	-40.02	49.76	74.00	24.24	PK	Horizontal
2	5460.00	46.30	5.74	32.90	-40.02	44.92	68.20	23.28	PK	Horizontal

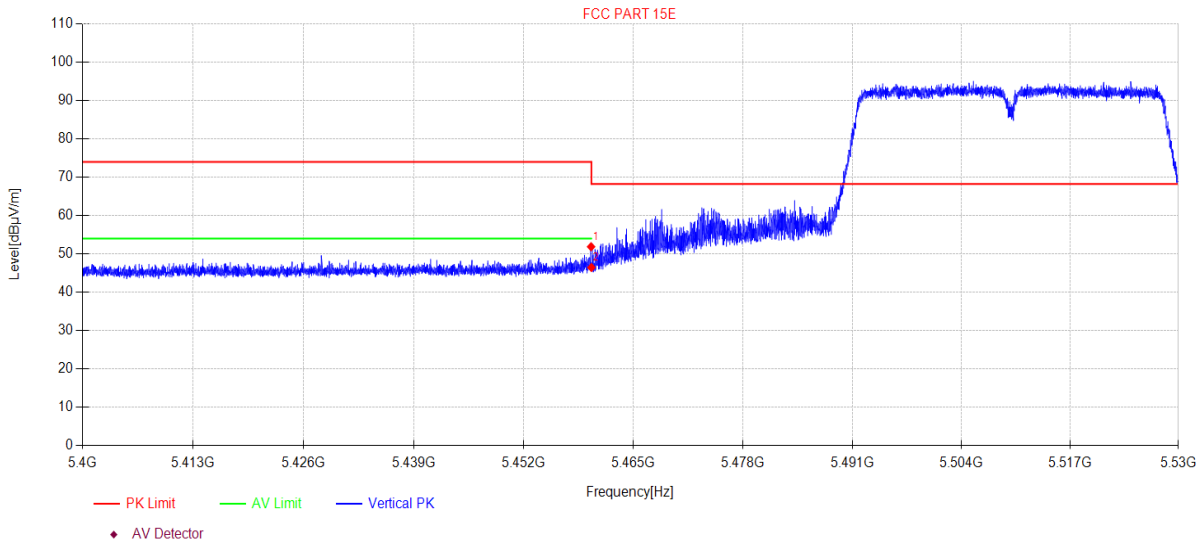
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\54  
**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	5459.96	53.25	5.74	32.90	-40.02	51.87	74.00	22.13	PK	Vertical
2	5460.00	47.84	5.74	32.90	-40.02	46.46	68.20	21.74	PK	Vertical

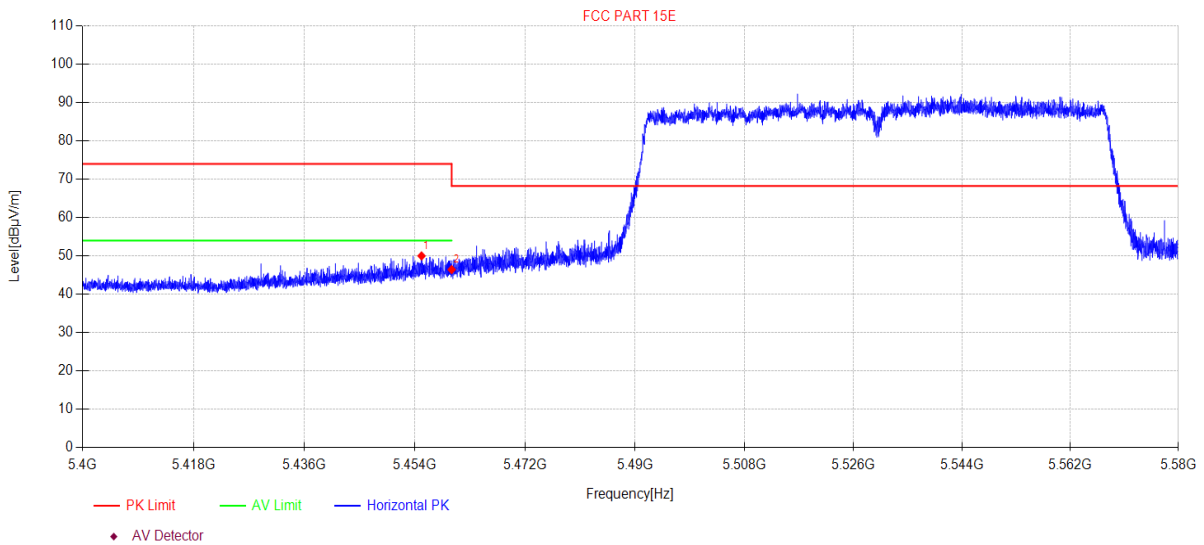
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\55  
**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	5455.08	51.38	5.74	32.90	-40.02	50.00	74.00	24.00	PK	Horizontal
2	5460.00	47.82	5.74	32.90	-40.02	46.44	68.20	21.76	PK	Horizontal

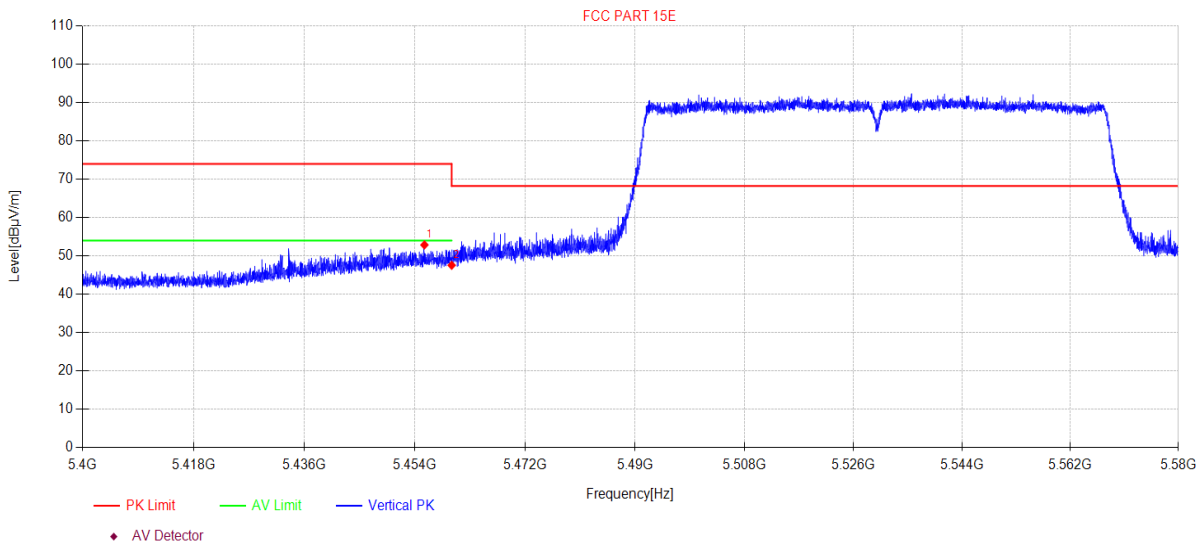
**Note:**

- 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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\56  
**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	5455.55	54.24	5.74	32.90	-40.02	52.86	74.00	21.14	PK	Vertical
2	5460.00	48.95	5.74	32.90	-40.02	47.57	68.20	20.63	PK	Vertical

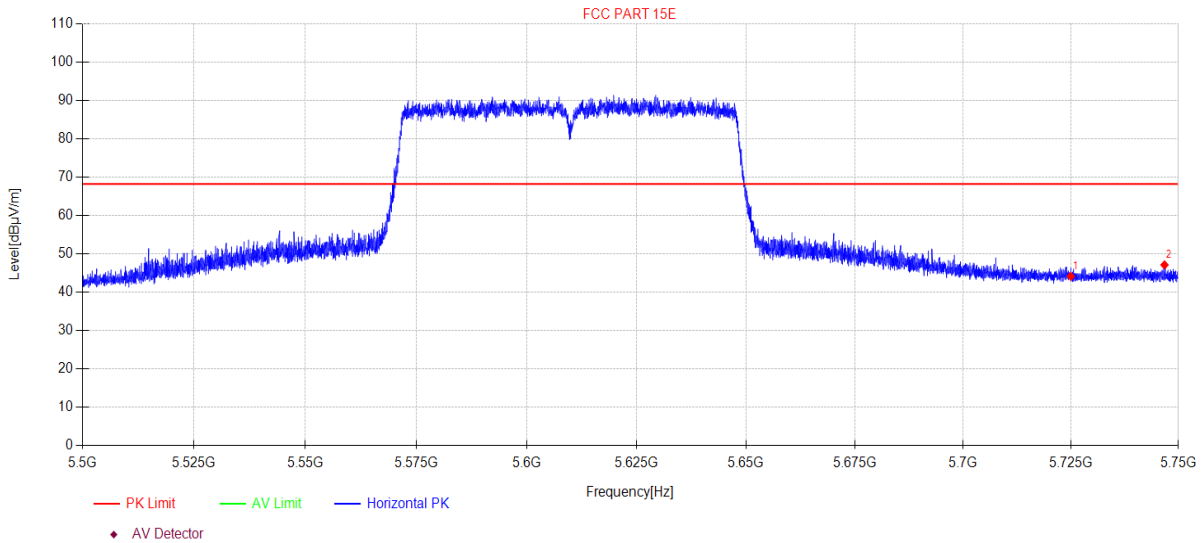
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\57  
**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	44.83	5.87	33.45	-39.99	44.16	68.20	24.04	PK	Horizontal
2	5746.78	47.75	5.88	33.49	-39.98	47.14	68.20	21.06	PK	Horizontal

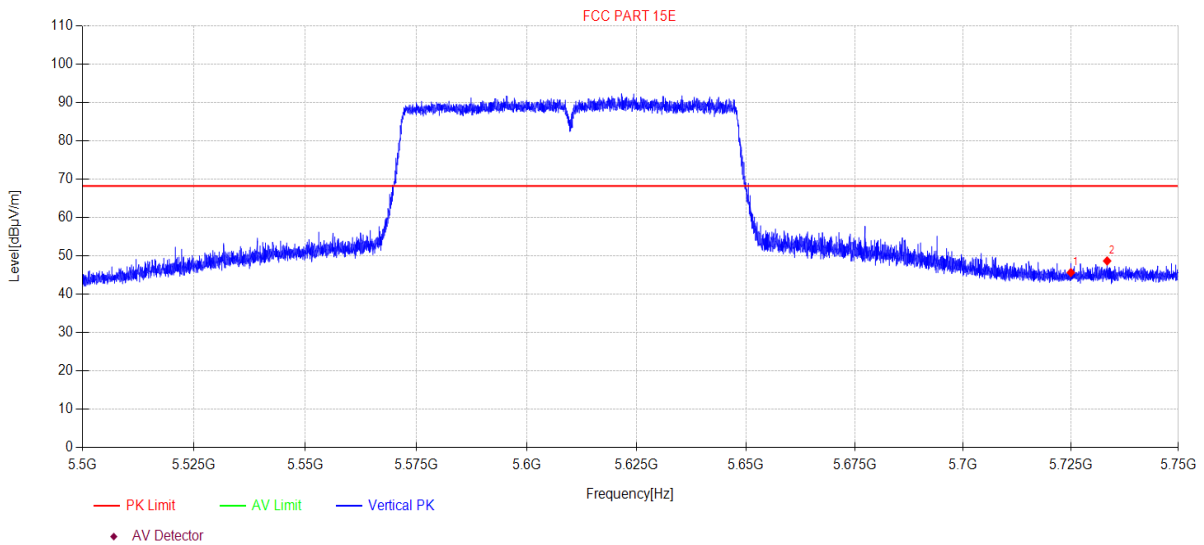
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\58  
**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	46.34	5.87	33.45	-39.99	45.67	68.20	22.53	PK	Vertical
2	5733.43	49.32	5.88	33.47	-39.98	48.69	68.20	19.51	PK	Vertical

**Note:**

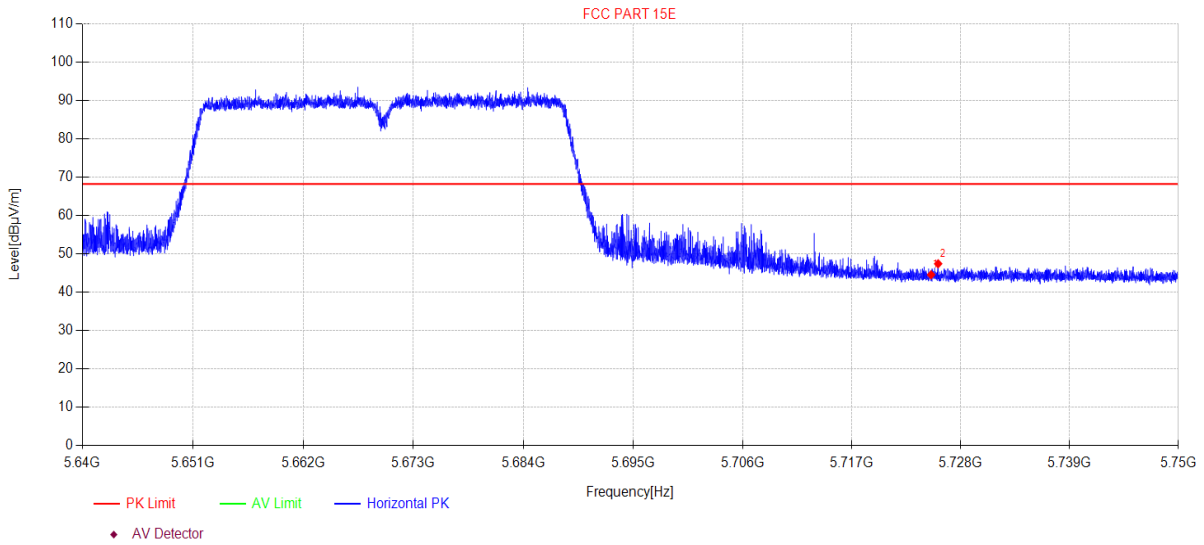
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\59  
**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	45.25	5.87	33.45	-39.99	44.58	68.20	23.62	PK	Horizontal
2	5725.71	48.10	5.87	33.45	-39.99	47.43	68.20	20.77	PK	Horizontal

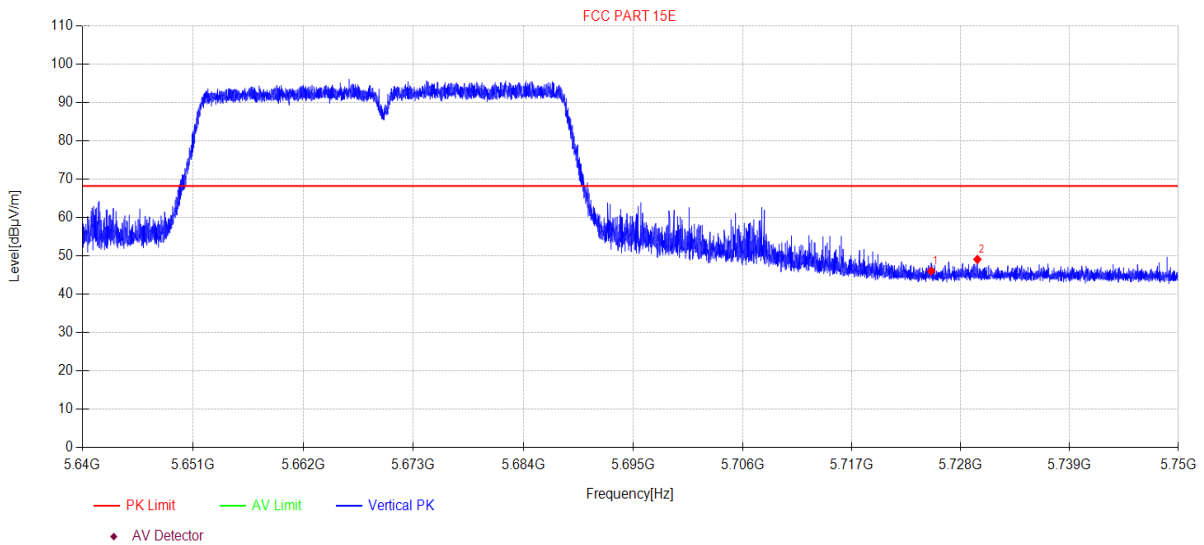
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\60  
**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	46.72	5.87	33.45	-39.99	46.05	68.20	22.15	PK	Vertical
2	5729.67	49.76	5.87	33.46	-39.99	49.10	68.20	19.10	PK	Vertical

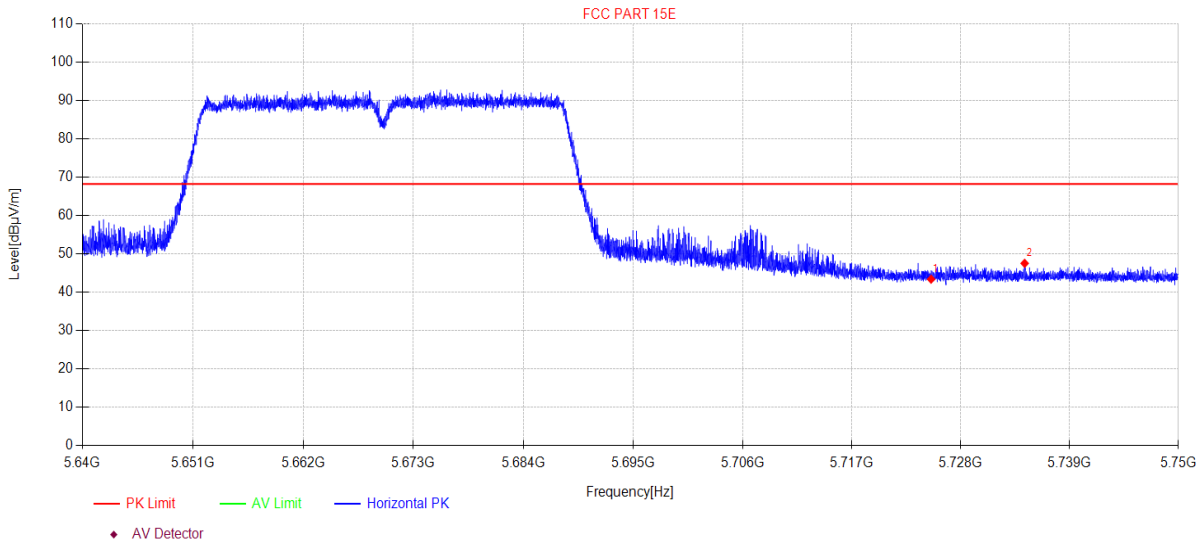
**Note:**

- 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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\61  
**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	44.08	5.87	33.45	-39.99	43.41	68.20	24.79	PK	Horizontal
2	5734.45	48.17	5.88	33.47	-39.98	47.54	68.20	20.66	PK	Horizontal

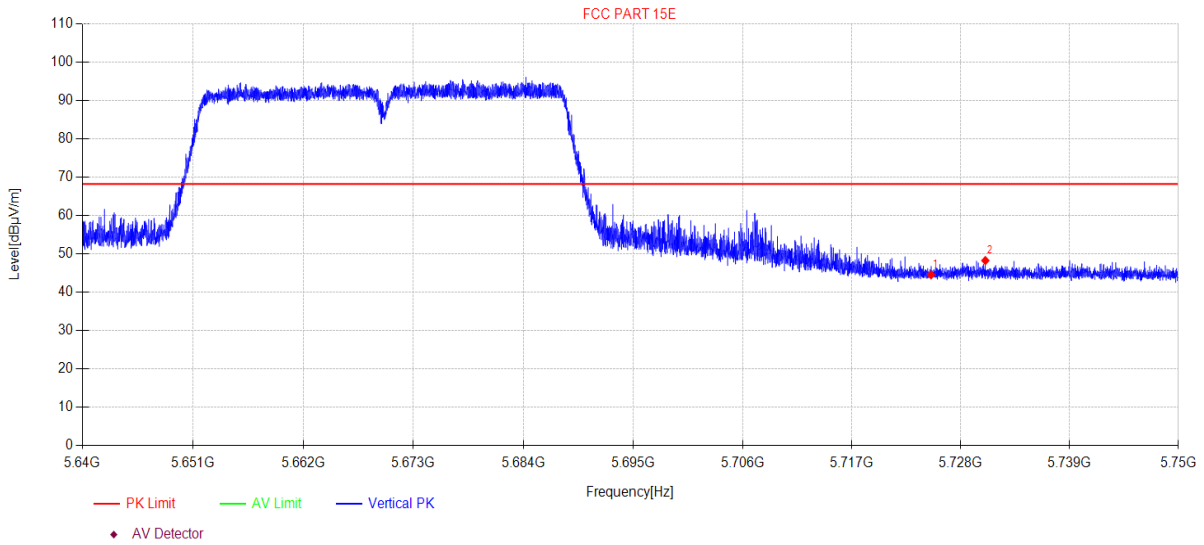
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\62  
**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	45.22	5.87	33.45	-39.99	44.55	68.20	23.65	PK	Vertical
2	5730.48	48.92	5.88	33.46	-39.99	48.27	68.20	19.93	PK	Vertical

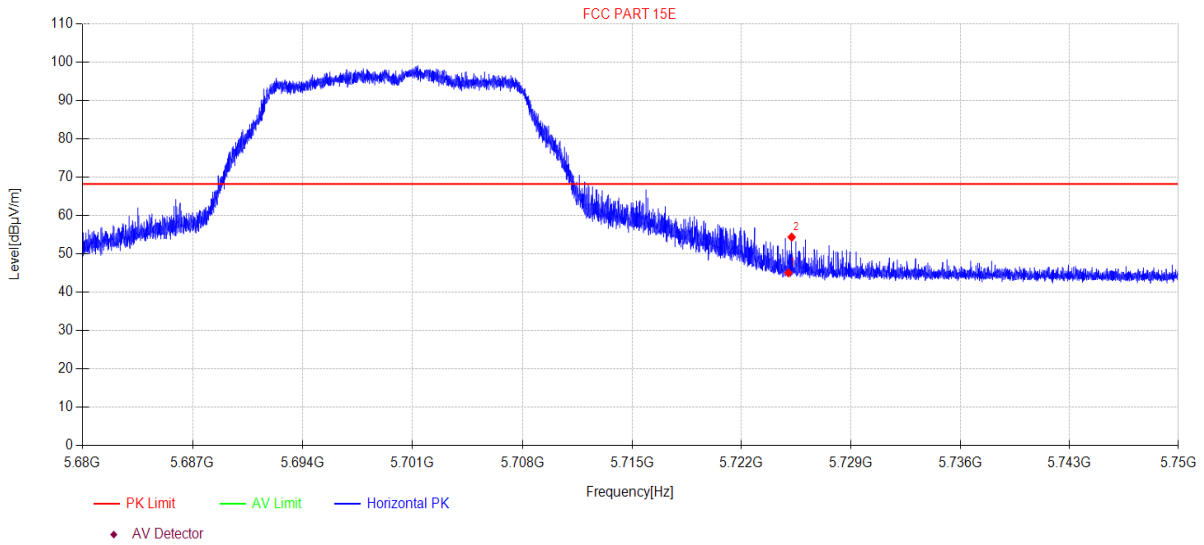
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\63  
**Memo:** 11A 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	45.73	5.87	33.45	-39.99	45.06	68.20	23.14	PK	Horizontal
2	5725.21	55.04	5.87	33.45	-39.99	54.37	68.20	13.83	PK	Horizontal

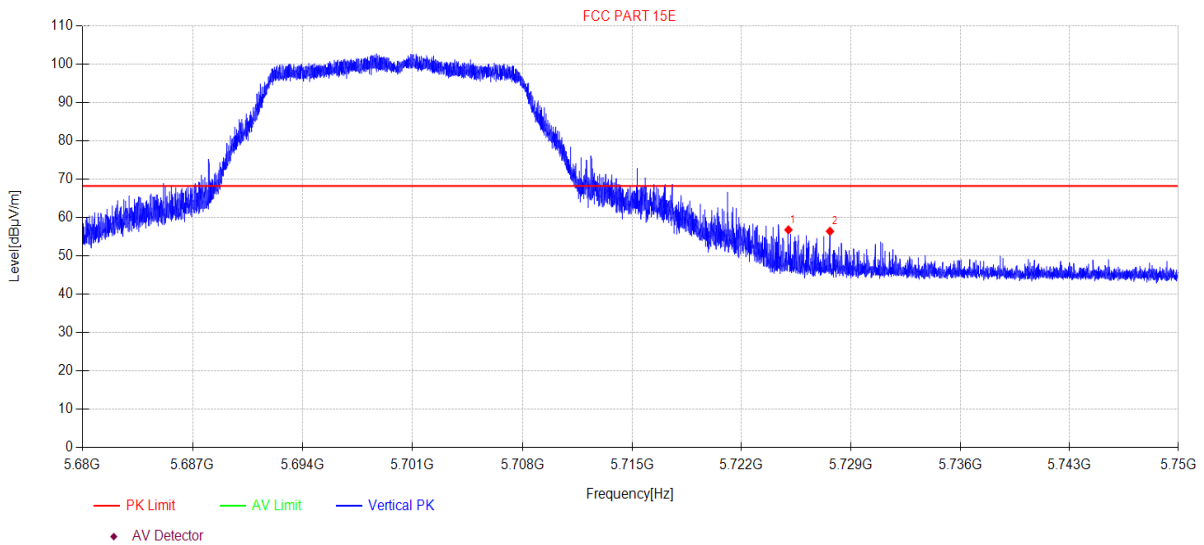
**Note:**

- 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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\64  
**Memo:** 11A 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	57.46	5.87	33.45	-39.99	56.79	68.20	11.41	PK	Vertical
2	5727.66	57.08	5.87	33.46	-39.99	56.42	68.20	11.78	PK	Vertical

**Note:**

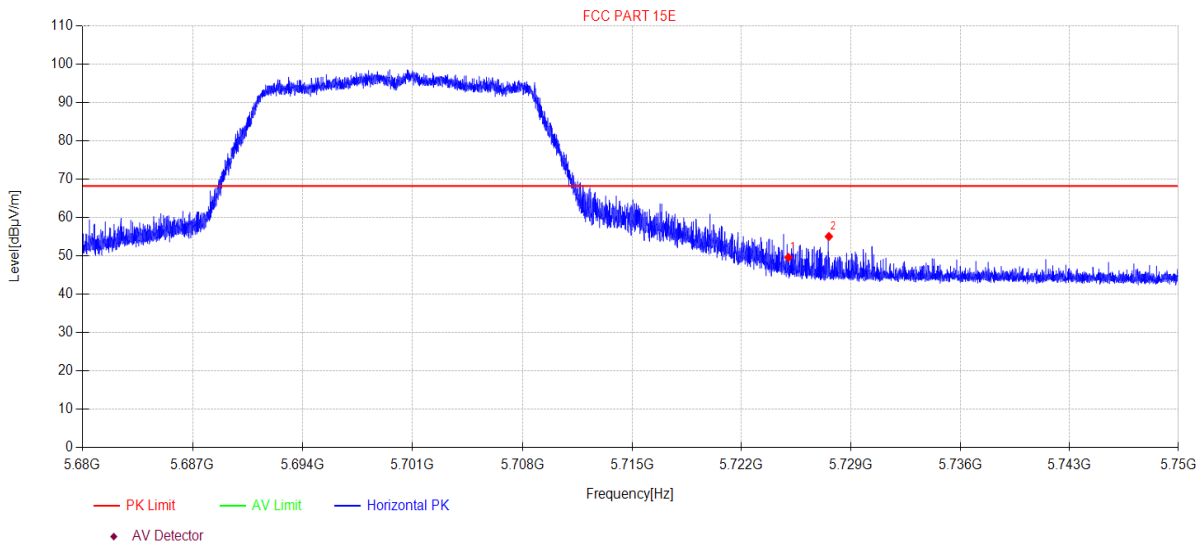
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\65  
**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	50.29	5.87	33.45	-39.99	49.62	68.20	18.58	PK	Horizontal
2	5727.59	55.72	5.87	33.46	-39.99	55.06	68.20	13.14	PK	Horizontal

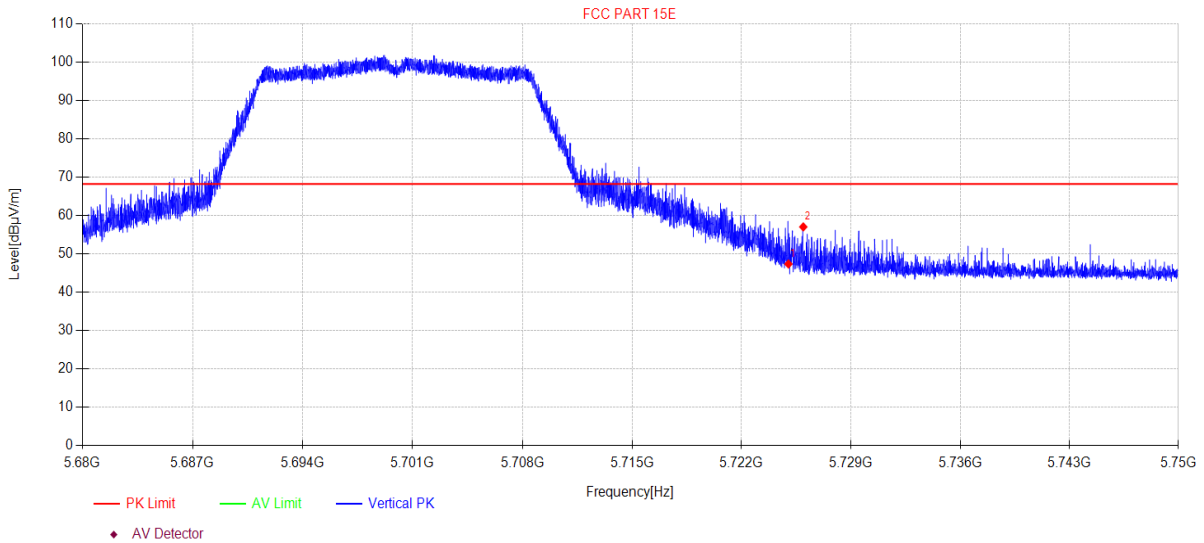
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\66  
**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	48.04	5.87	33.45	-39.99	47.37	68.20	20.83	PK	Vertical
2	5725.95	57.71	5.87	33.45	-39.99	57.04	68.20	11.16	PK	Vertical

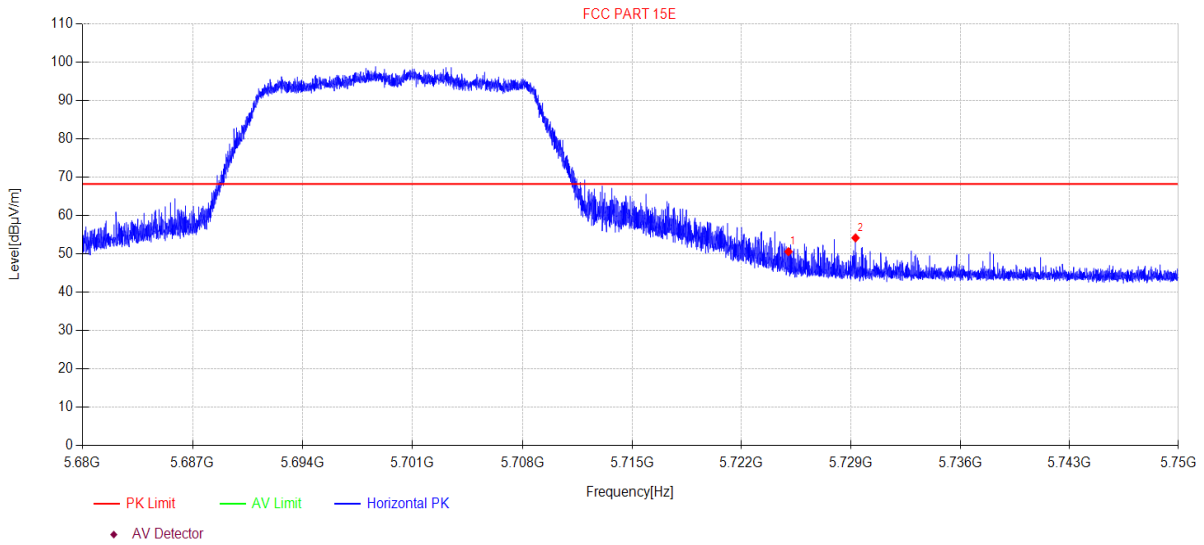
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\67  
**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	51.25	5.87	33.45	-39.99	50.58	68.20	17.62	PK	Horizontal
2	5729.29	54.84	5.87	33.46	-39.99	54.18	68.20	14.02	PK	Horizontal

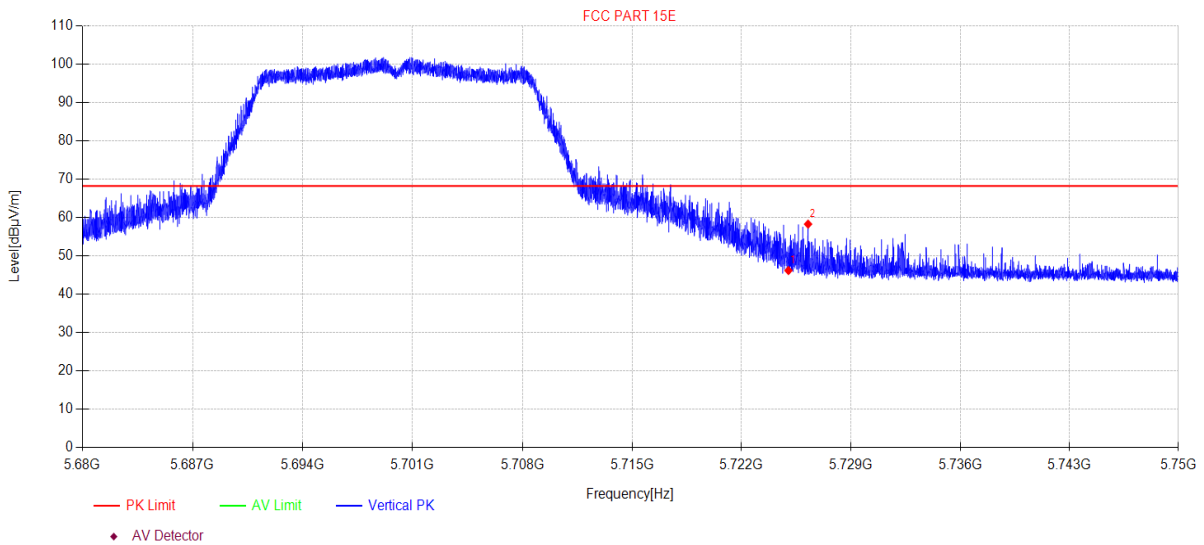
**Note:**

- 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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\68  
**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	46.87	5.87	33.45	-39.99	46.20	68.20	22.00	PK	Vertical
2	5726.26	58.96	5.87	33.45	-39.99	58.29	68.20	9.91	PK	Vertical

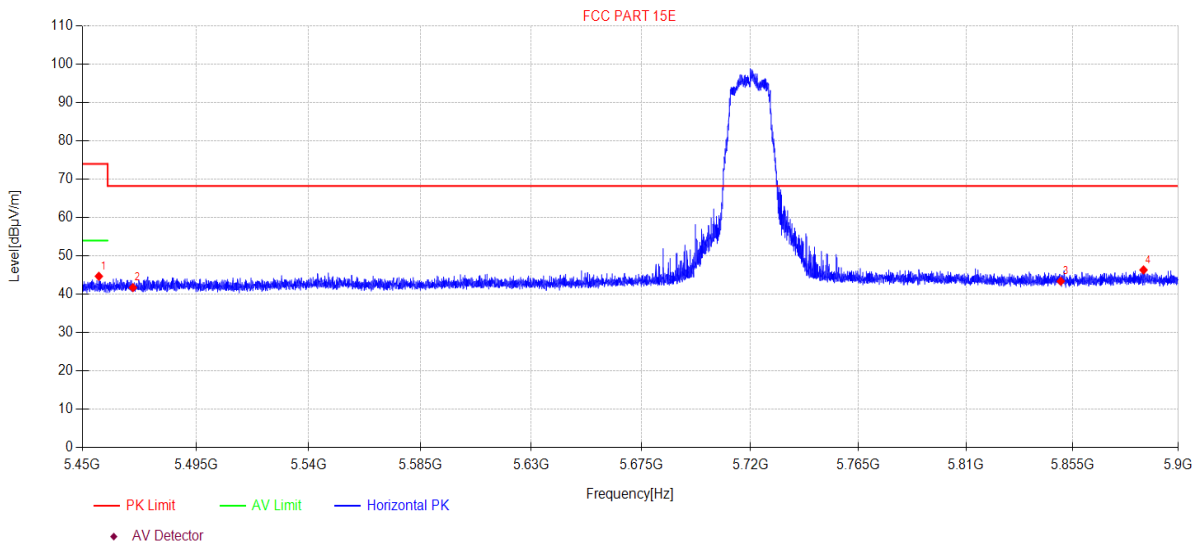
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\69  
**Memo:** 11A 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	5456.53	46.07	5.74	32.90	-40.02	44.69	74.00	29.31	PK	Horizontal
2	5470.00	43.11	5.75	32.90	-40.02	41.74	68.20	26.46	PK	Horizontal
3	5850.00	43.62	5.94	33.80	-39.97	43.39	68.20	24.81	PK	Horizontal
4	5885.15	46.48	5.95	33.87	-39.96	46.34	68.20	21.86	PK	Horizontal

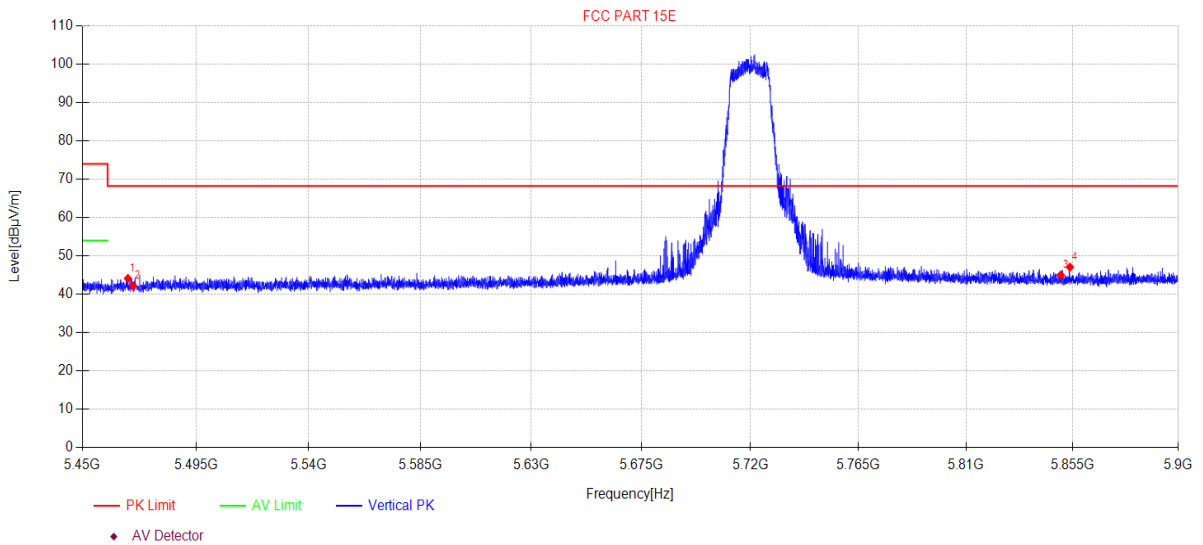
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\70  
**Memo:** 11A 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	5468.00	45.50	5.74	32.90	-40.02	44.12	68.20	24.08	PK	Vertical
2	5470.00	43.55	5.75	32.90	-40.02	42.18	68.20	26.02	PK	Vertical
3	5850.00	45.23	5.94	33.80	-39.97	45.00	68.20	23.20	PK	Vertical
4	5853.88	47.31	5.94	33.81	-39.97	47.09	68.20	21.11	PK	Vertical

**Note:**

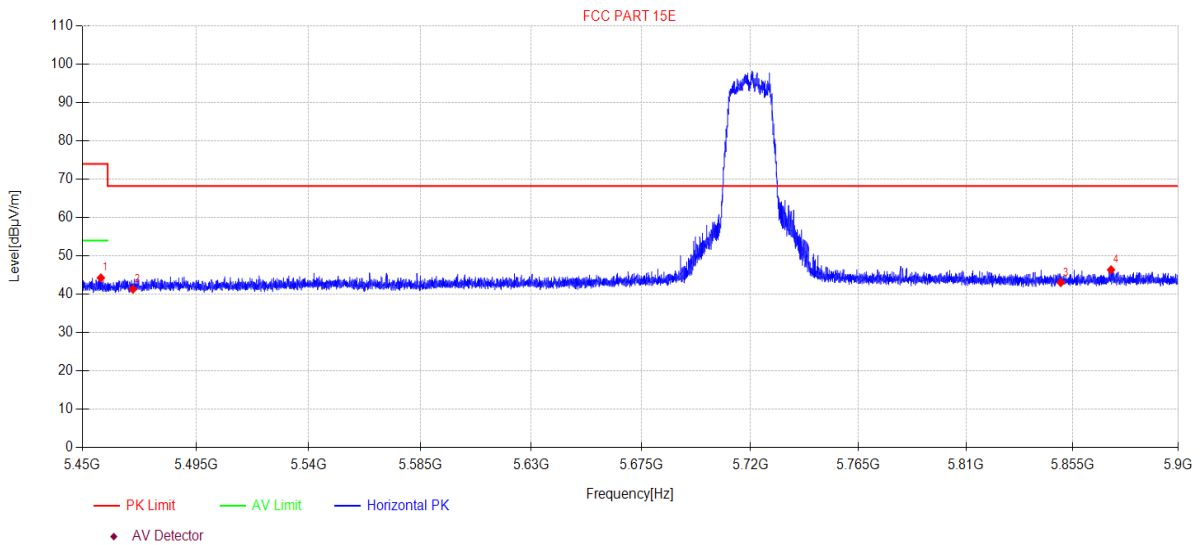
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.



# TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\71  
**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	5457.29	45.65	5.74	32.90	-40.02	44.27	74.00	29.73	PK	Horizontal
2	5470.00	42.71	5.75	32.90	-40.02	41.34	68.20	26.86	PK	Horizontal
3	5850.00	43.28	5.94	33.80	-39.97	43.05	68.20	25.15	PK	Horizontal
4	5871.34	46.56	5.95	33.84	-39.97	46.38	68.20	21.82	PK	Horizontal

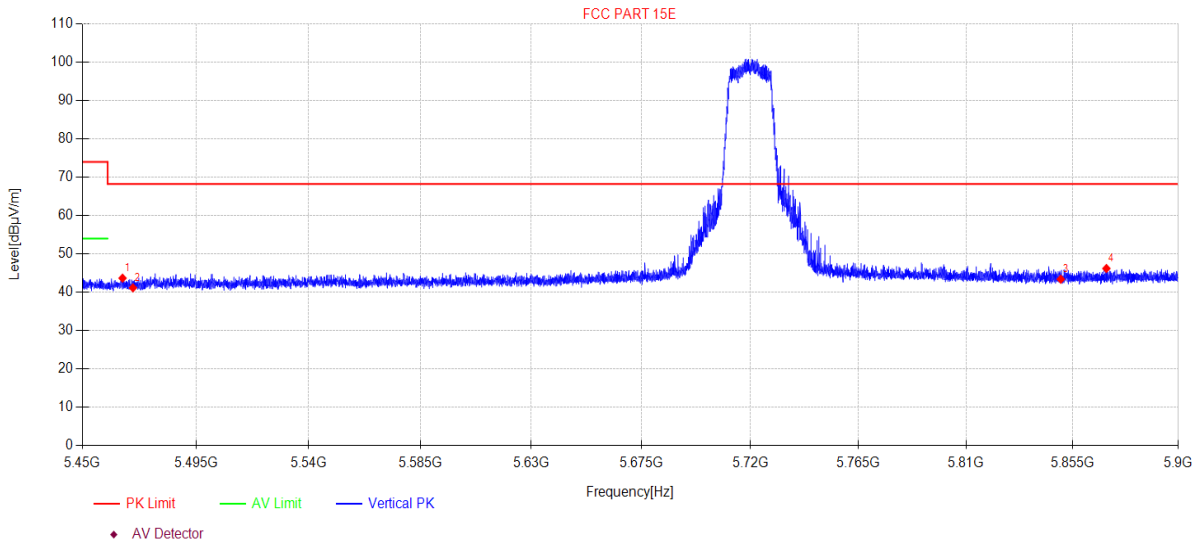
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\72  
**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	5465.89	45.06	5.74	32.90	-40.02	43.68	68.20	24.52	PK	Vertical
2	5470.00	42.52	5.75	32.90	-40.02	41.15	68.20	27.05	PK	Vertical
3	5850.00	43.63	5.94	33.80	-39.97	43.40	68.20	24.80	PK	Vertical
4	5869.36	46.39	5.94	33.84	-39.97	46.20	68.20	22.00	PK	Vertical

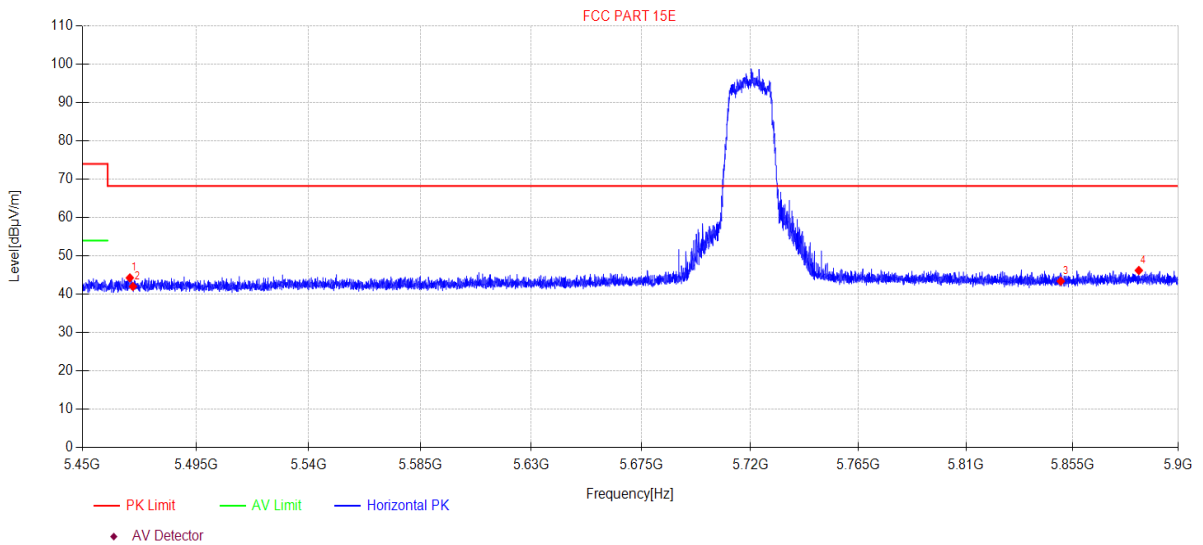
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\73  
**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	5468.77	45.67	5.74	32.90	-40.02	44.29	68.20	23.91	PK	Horizontal
2	5470.00	43.40	5.75	32.90	-40.02	42.03	68.20	26.17	PK	Horizontal
3	5850.00	43.63	5.94	33.80	-39.97	43.40	68.20	24.80	PK	Horizontal
4	5883.17	46.36	5.95	33.87	-39.97	46.21	68.20	21.99	PK	Horizontal

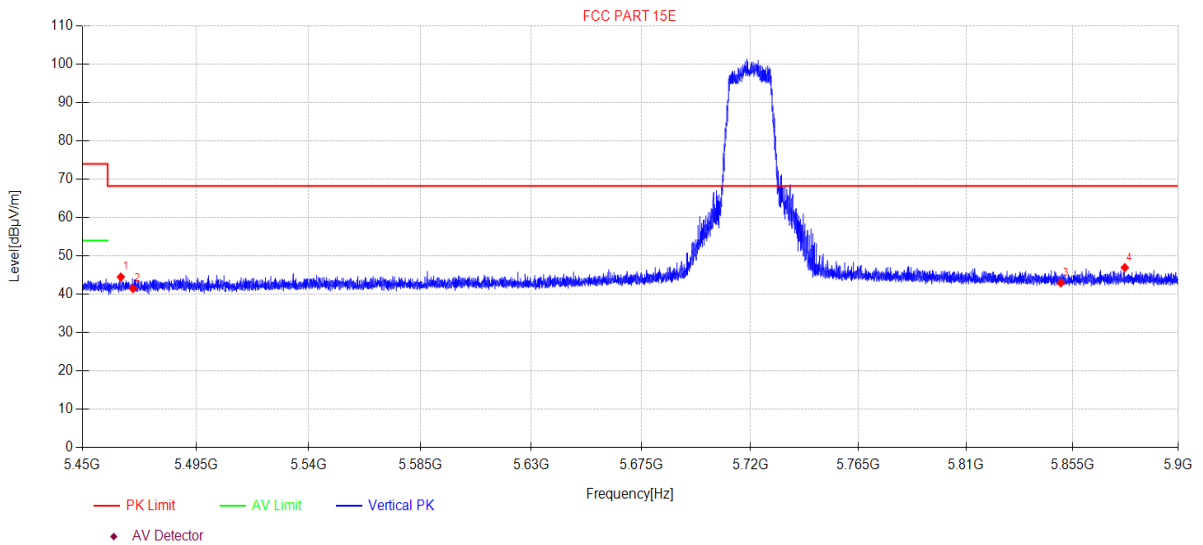
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\74  
**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	5465.21	45.89	5.74	32.90	-40.02	44.51	68.20	23.69	PK	Vertical
2	5470.00	42.86	5.75	32.90	-40.02	41.49	68.20	26.71	PK	Vertical
3	5850.00	43.19	5.94	33.80	-39.97	42.96	68.20	25.24	PK	Vertical
4	5877.19	47.13	5.95	33.85	-39.97	46.96	68.20	21.24	PK	Vertical

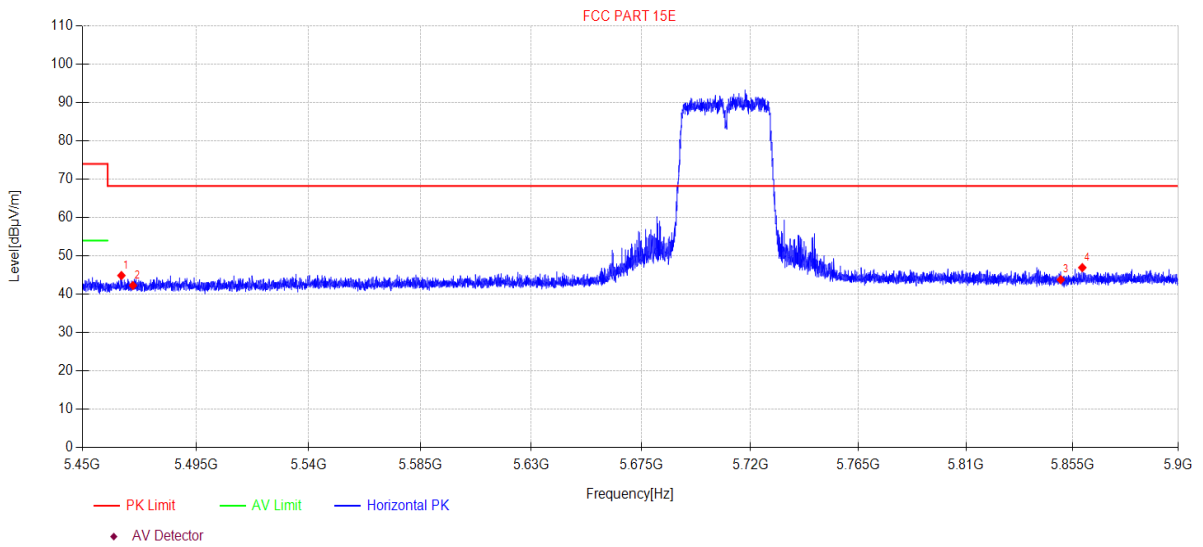
**Note:**

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:** 2023-09-07      **Tested By:** Bairong  
**EUT:** Wireless Speaker      **Model Number:** CITATION 500  
**Test Mode:** TX Mode      **Power Supply:** AC 120V/60Hz  
**Condition:** Temp:21.1°C;Humi:68.5%      **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2023 report data\Q23082222-2E CITATION 500\FCC ABOVE 1G 5GWIFI\75  
**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	5465.44	46.27	5.74	32.90	-40.02	44.89	68.20	23.31	PK	Horizontal
2	5470.00	43.66	5.75	32.90	-40.02	42.29	68.20	25.91	PK	Horizontal
3	5850.00	44.03	5.94	33.80	-39.97	43.80	68.20	24.40	PK	Horizontal
4	5859.14	47.16	5.94	33.82	-39.97	46.95	68.20	21.25	PK	Horizontal

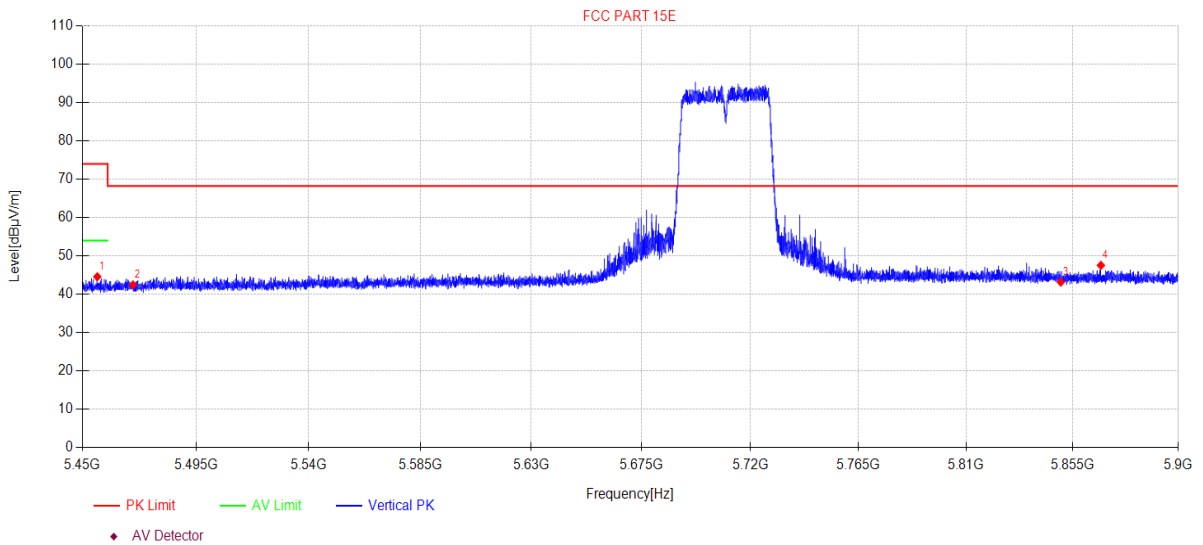
**Note:**

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.

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**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	5455.90	45.96	5.74	32.90	-40.02	44.58	74.00	29.42	PK	Vertical
2	5470.00	43.84	5.75	32.90	-40.02	42.47	68.20	25.73	PK	Vertical
3	5850.00	43.39	5.94	33.80	-39.97	43.16	68.20	25.04	PK	Vertical
4	5867.02	47.74	5.94	33.83	-39.97	47.54	68.20	20.66	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.