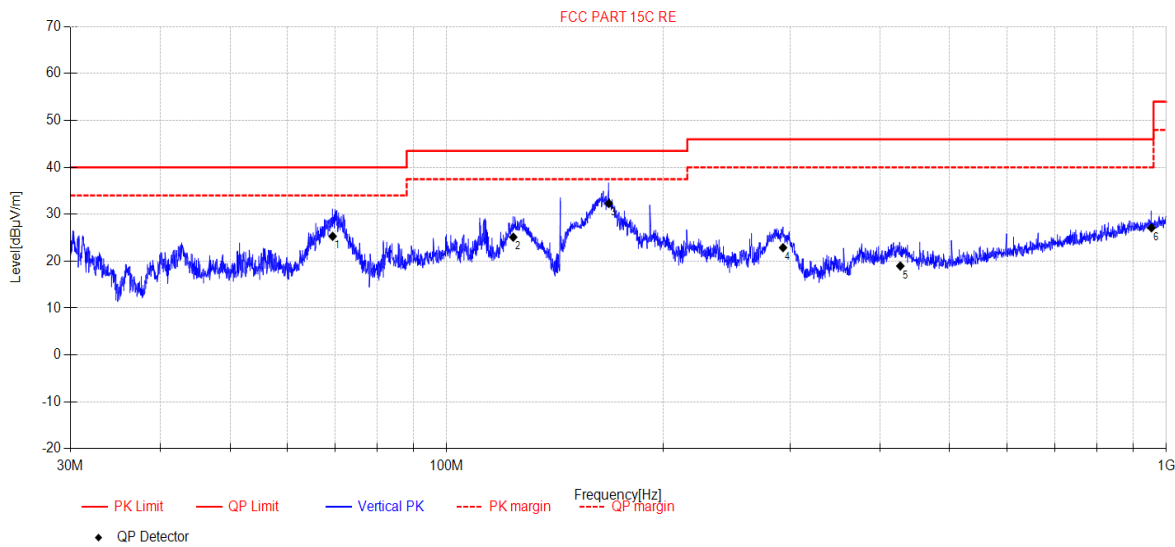


TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-08-12 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC BELOW 1G\20230812-012206_V

Memo:



Final Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	69.44	42.36	8.72	4.79	-30.57	25.30	40.00	14.70	QP	Vertical
2	123.75	42.44	8.32	5.19	-30.83	25.12	43.50	18.38	QP	Vertical
3	168.00	49.14	8.40	5.47	-30.70	32.31	43.50	11.19	QP	Vertical
4	293.36	34.01	13.07	6.12	-30.32	22.88	46.00	23.12	QP	Vertical
5	426.89	26.46	15.80	6.76	-30.05	18.97	46.00	27.03	QP	Vertical
6	953.44	24.41	22.70	8.53	-28.52	27.12	46.00	18.88	QP	Vertical

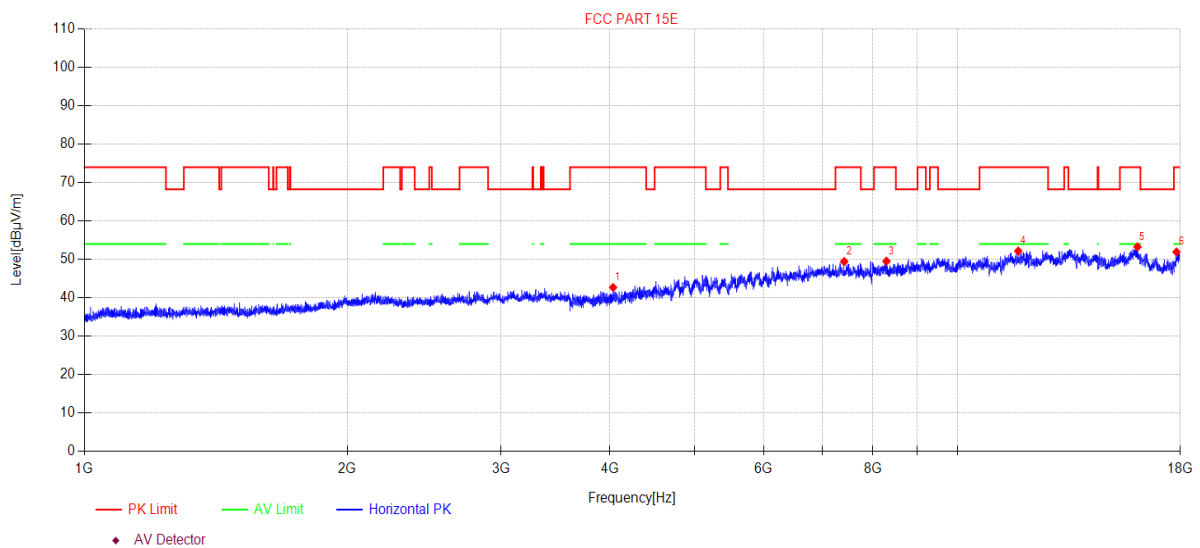
Note:

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

Radiated Emission test (above 1GHz) TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI1
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	4032.82	47.18	6.14	30.77	-41.39	42.70	74.00	31.30	PK	Horizontal
2	7418.55	45.05	8.89	36.50	-41.00	49.44	74.00	24.56	PK	Horizontal
3	8294.07	43.99	8.87	37.19	-40.53	49.52	74.00	24.48	PK	Horizontal
4	11739.14	42.59	10.11	38.80	-39.32	52.18	74.00	21.82	PK	Horizontal
5	16076.68	40.07	15.75	37.82	-40.39	53.25	74.00	20.75	PK	Horizontal
6	17818.84	39.27	12.67	40.63	-40.63	51.94	74.00	22.06	PK	Horizontal

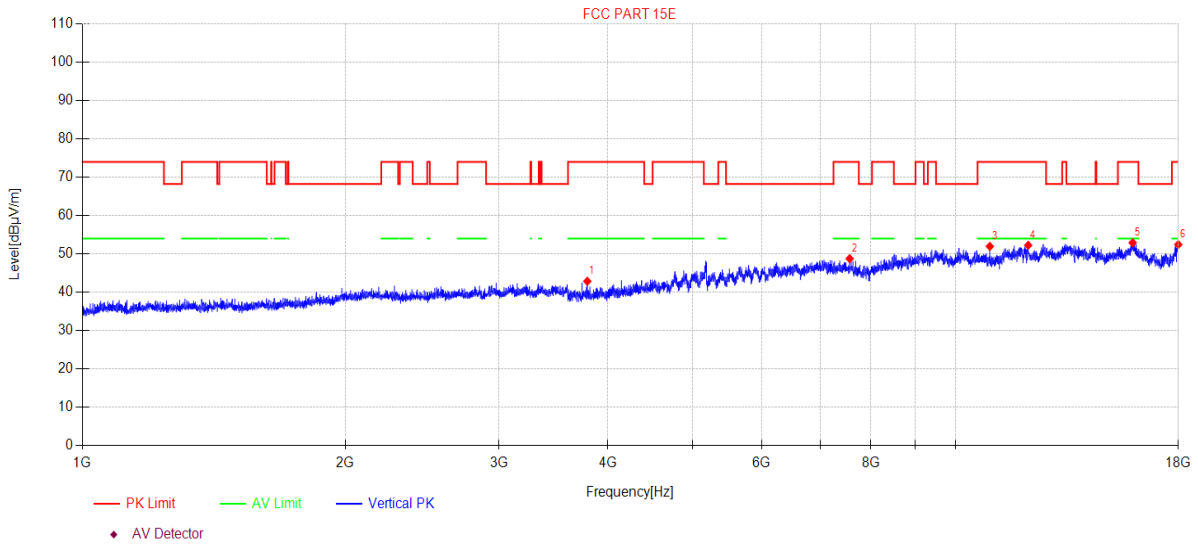
Note:

- 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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI2
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	3787.67	47.97	5.92	30.25	-41.27	42.87	74.00	31.13	PK	Vertical
2	7565.78	44.50	8.87	36.40	-41.00	48.77	74.00	25.23	PK	Vertical
3	10949.32	43.86	9.51	39.10	-40.51	51.96	74.00	22.04	PK	Vertical
4	12114.83	41.83	10.33	39.10	-39.01	52.25	74.00	21.75	PK	Vertical
5	15956.33	39.44	15.85	37.99	-40.37	52.91	74.00	21.09	PK	Vertical
6	18000.00	38.50	12.85	41.80	-40.70	52.45	74.00	21.55	PK	Vertical

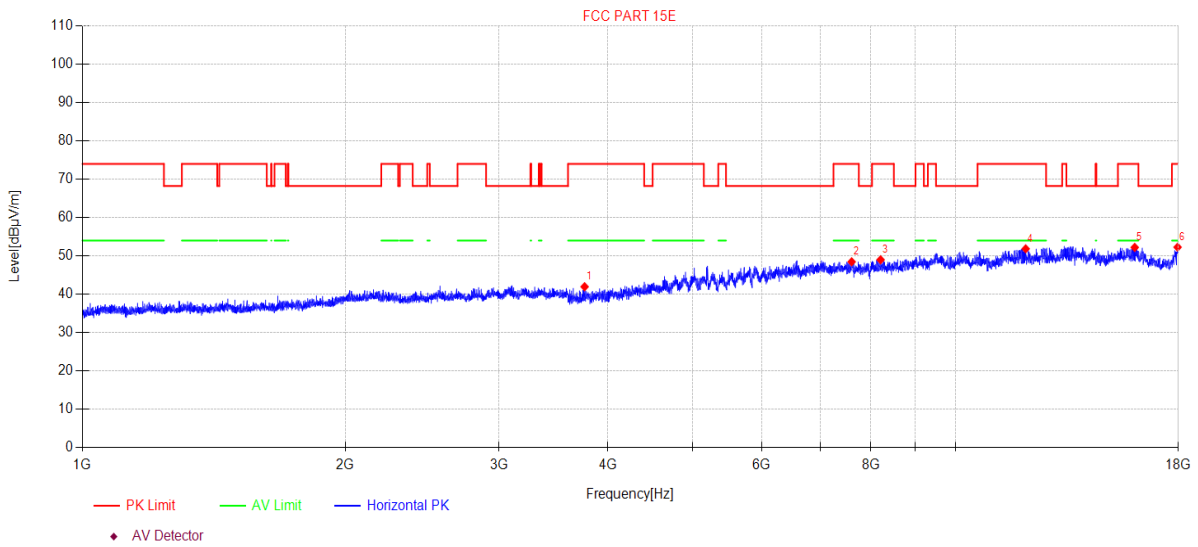
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI3
Memo: 11AC20MIMO 5200

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	3760.40	47.18	5.91	30.14	-41.26	41.97	74.00	32.03	PK	Horizontal
2	7605.24	44.20	8.86	36.41	-41.00	48.47	74.00	25.53	PK	Horizontal
3	8208.22	43.72	8.85	37.10	-40.67	49.00	74.00	25.00	PK	Horizontal
4	12034.57	41.50	10.32	38.97	-38.93	51.86	74.00	22.14	PK	Horizontal
5	16044.18	38.88	15.88	37.86	-40.40	52.22	74.00	21.78	PK	Horizontal
6	17963.62	38.57	12.81	41.58	-40.69	52.27	74.00	21.73	PK	Horizontal

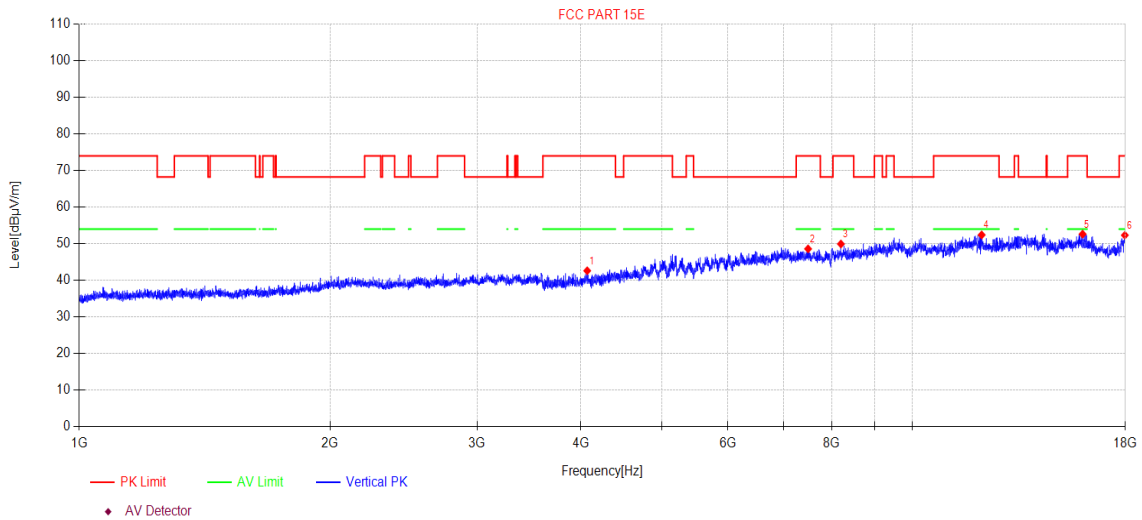
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI4
Memo: 11AC20MIMO 5200

Test Graph



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4069.11	46.96	6.21	30.84	-41.38	42.63	74.00	31.37	PK	Vertical
2	7491.80	44.30	8.88	36.42	-41.00	48.60	74.00	25.40	PK	Vertical
3	8203.48	44.65	8.85	37.10	-40.67	49.93	74.00	24.07	PK	Vertical
4	12104.33	41.97	10.33	39.10	-39.00	52.40	74.00	21.60	PK	Vertical
5	15997.88	39.06	16.06	37.90	-40.40	52.62	74.00	21.38	PK	Vertical
6	17979.20	38.51	12.83	41.68	-40.69	52.33	74.00	21.67	PK	Vertical

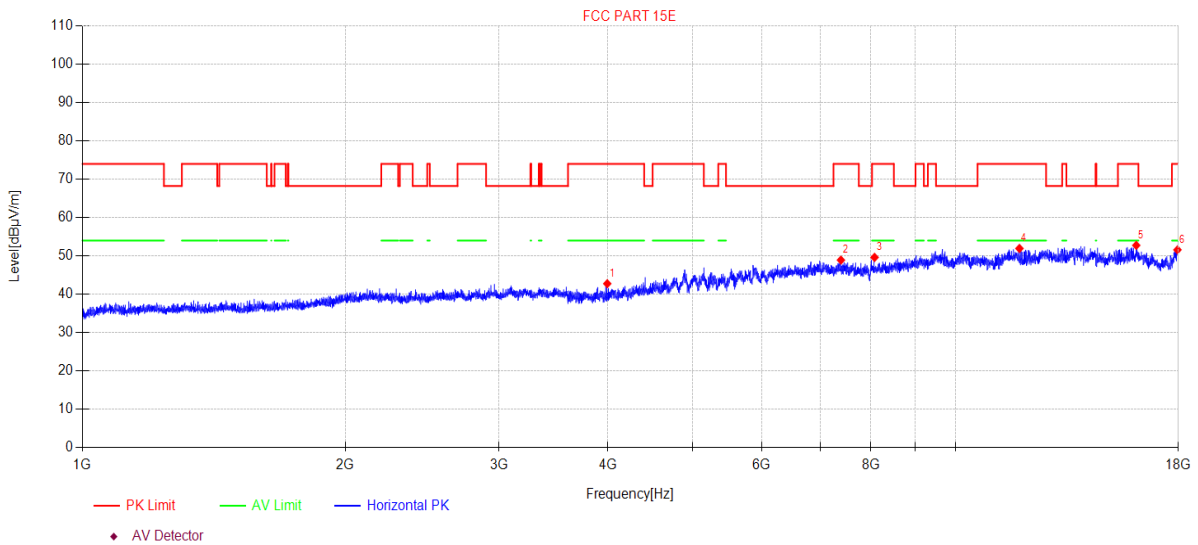
Note:

- 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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI5
Memo: 11AC20MIMO 5240

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	3992.23	47.42	6.07	30.68	-41.40	42.77	74.00	31.23	PK	Horizontal
2	7392.86	44.52	8.90	36.50	-41.00	48.92	74.00	25.08	PK	Horizontal
3	8078.78	44.67	8.82	37.00	-40.87	49.62	74.00	24.38	PK	Horizontal
4	11837.94	42.11	10.19	38.80	-39.16	51.94	74.00	22.06	PK	Horizontal
5	16109.23	39.75	15.61	37.79	-40.39	52.76	74.00	21.24	PK	Horizontal
6	17958.43	37.91	12.81	41.55	-40.68	51.59	74.00	22.41	PK	Horizontal

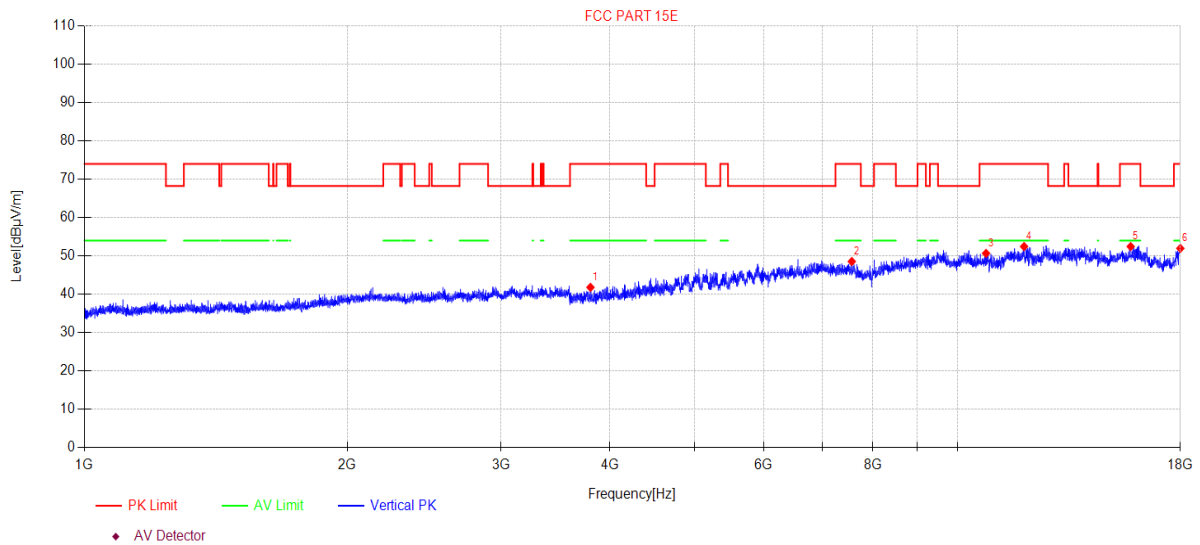
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI6
Memo: 11AC20MIMO 5240

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	3798.63	46.87	5.93	30.29	-41.28	41.81	74.00	32.19	PK	Vertical
2	7567.97	44.28	8.87	36.40	-41.00	48.55	74.00	25.45	PK	Vertical
3	10782.88	42.59	9.50	39.10	-40.52	50.67	74.00	23.33	PK	Vertical
4	11920.34	42.40	10.26	38.82	-39.03	52.45	74.00	21.55	PK	Vertical
5	15791.17	39.47	15.02	38.21	-40.25	52.45	74.00	21.55	PK	Vertical
6	18000.00	38.01	12.85	41.80	-40.70	51.96	74.00	22.04	PK	Vertical

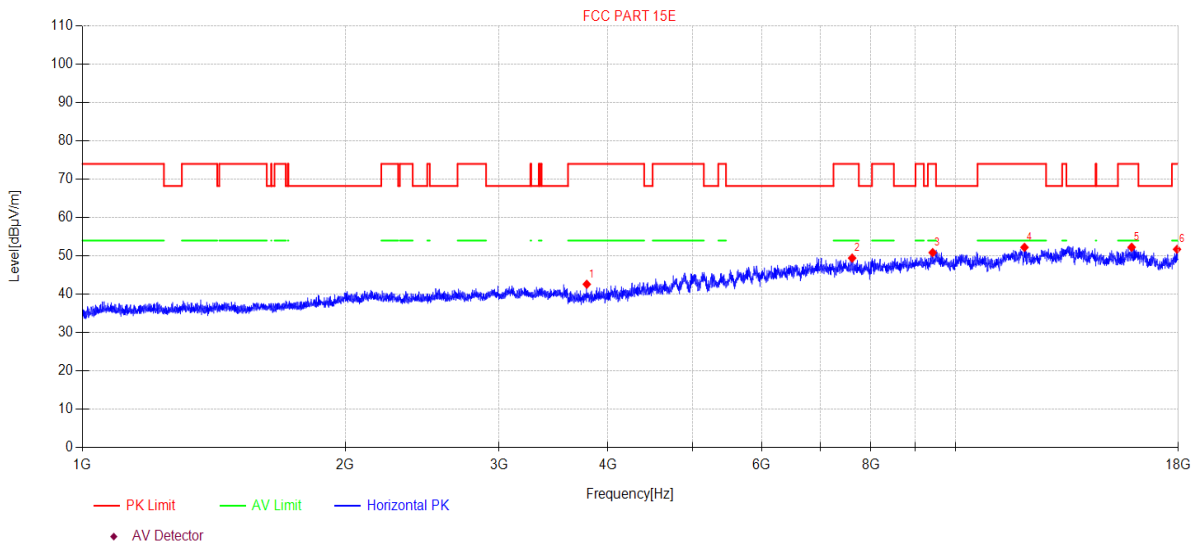
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI7
Memo: 11AC20MIMO 5260

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	3782.20	47.74	5.92	30.23	-41.27	42.62	74.00	31.38	PK	Horizontal
2	7614.04	45.14	8.86	36.43	-41.00	49.43	74.00	24.57	PK	Horizontal
3	9416.05	43.17	9.20	38.40	-39.90	50.87	74.00	23.13	PK	Horizontal
4	11996.37	41.92	10.32	38.90	-38.91	52.23	74.00	21.77	PK	Horizontal
5	15914.88	38.89	15.64	38.07	-40.34	52.26	74.00	21.74	PK	Horizontal
6	17937.68	38.18	12.79	41.43	-40.68	51.72	74.00	22.28	PK	Horizontal

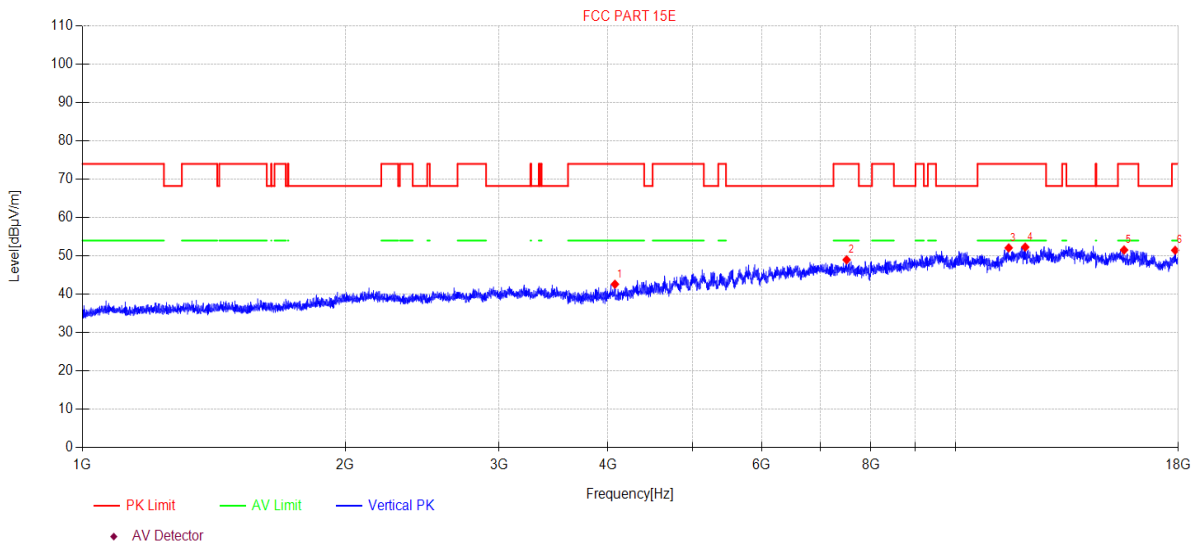
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI8
Memo: 11AC20MIMO 5260

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	4073.82	46.93	6.22	30.85	-41.38	42.62	74.00	31.38	PK	Vertical
2	7504.81	44.70	8.88	36.40	-41.00	48.98	74.00	25.02	PK	Vertical
3	11507.36	42.87	9.93	38.99	-39.69	52.10	74.00	21.90	PK	Vertical
4	12020.66	41.96	10.32	38.94	-38.92	52.30	74.00	21.70	PK	Vertical
5	15600.65	39.21	14.06	38.40	-40.12	51.55	74.00	22.45	PK	Vertical
6	17849.77	38.56	12.70	40.85	-40.64	51.47	74.00	22.53	PK	Vertical

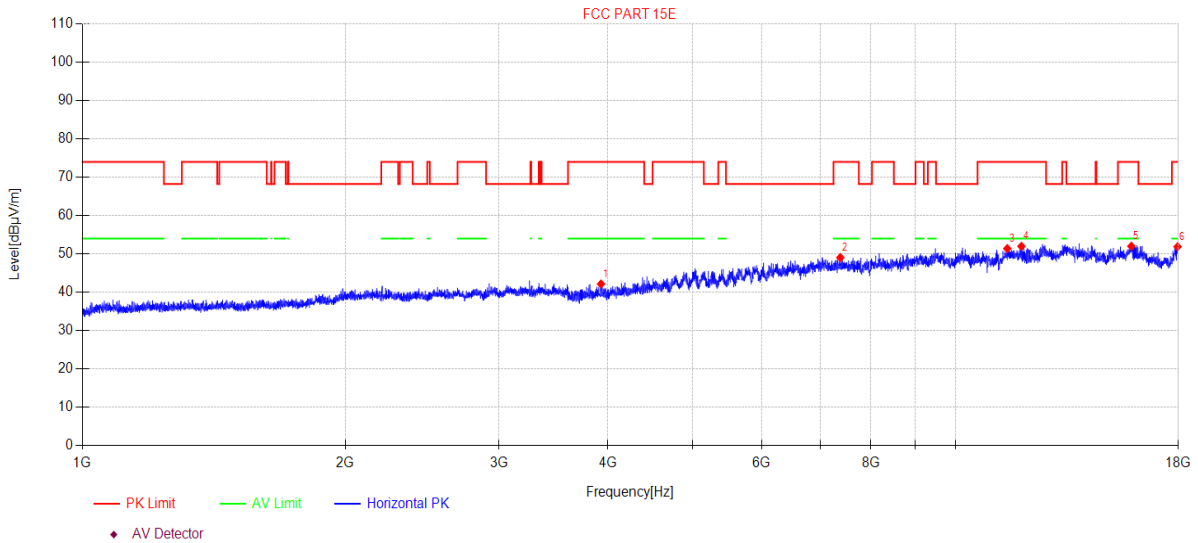
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI9
Memo: 11AC20MIMO 5280

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	3927.00	46.95	6.03	30.55	-41.36	42.17	74.00	31.83	PK	Horizontal
2	7382.19	44.64	8.90	36.50	-41.00	49.04	74.00	24.96	PK	Horizontal
3	11464.21	42.22	9.89	39.04	-39.76	51.39	74.00	22.61	PK	Horizontal
4	11899.68	42.00	10.24	38.80	-39.06	51.98	74.00	22.02	PK	Horizontal
5	15901.08	38.67	15.57	38.10	-40.33	52.01	74.00	21.99	PK	Horizontal
6	17963.62	38.18	12.81	41.58	-40.69	51.88	74.00	22.12	PK	Horizontal

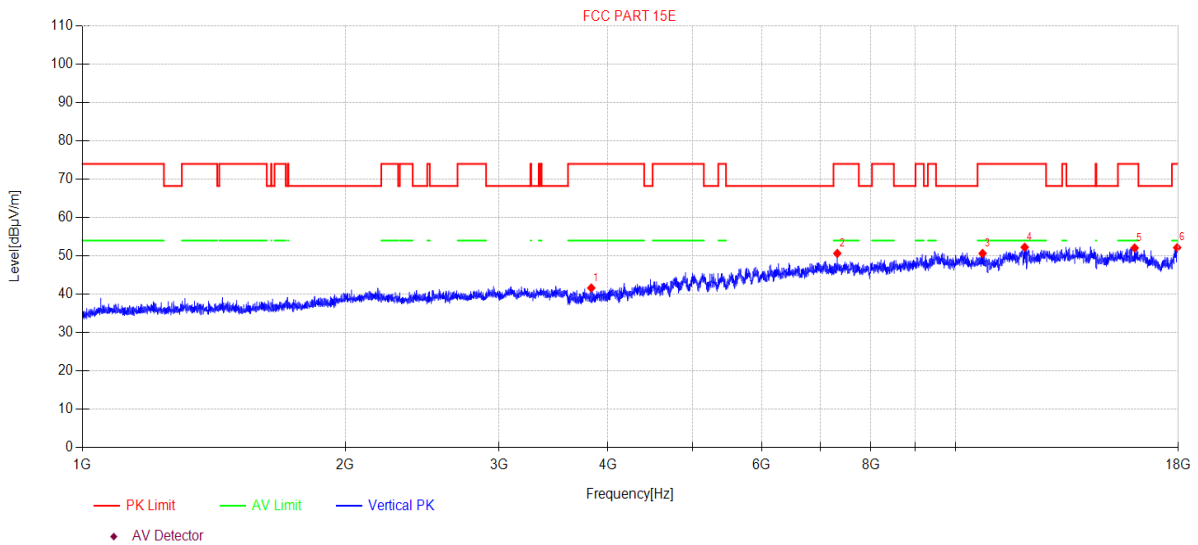
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI10
Memo: 11AC20MIMO 5280

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	3827.28	46.65	5.95	30.35	-41.30	41.65	74.00	32.35	PK	Vertical
2	7322.69	46.24	8.91	36.50	-41.00	50.65	74.00	23.35	PK	Vertical
3	10742.45	42.59	9.49	39.10	-40.53	50.65	74.00	23.35	PK	Vertical
4	12003.31	41.93	10.32	38.91	-38.90	52.26	74.00	21.74	PK	Vertical
5	16039.55	38.71	15.90	37.86	-40.40	52.07	74.00	21.93	PK	Vertical
6	17942.87	38.59	12.79	41.46	-40.68	52.16	74.00	21.84	PK	Vertical

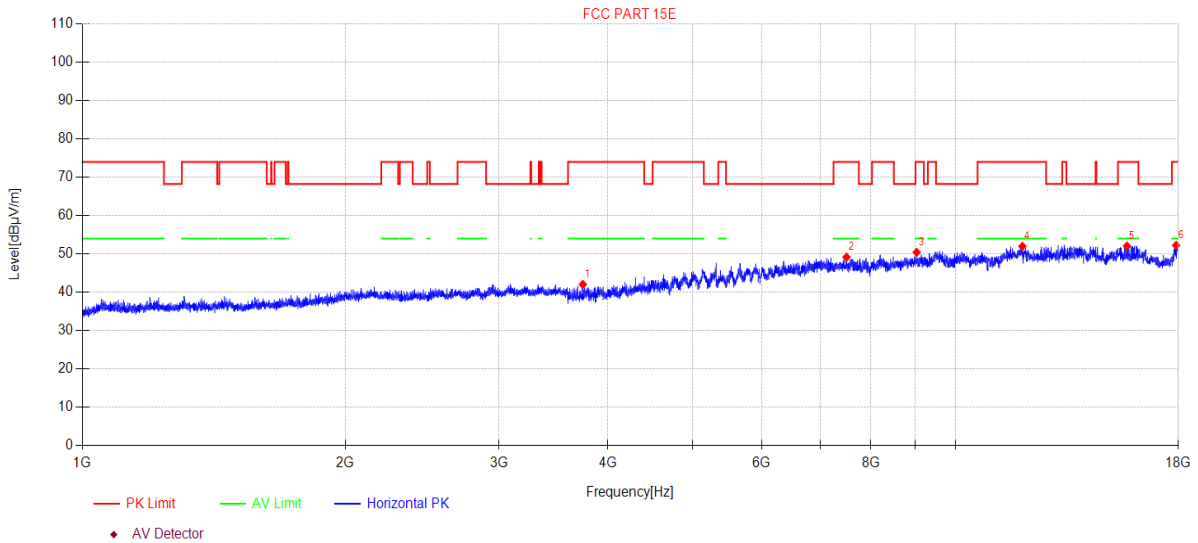
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI11
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	3743.05	47.32	5.89	30.09	-41.25	42.05	74.00	31.95	PK	Horizontal
2	7502.64	44.87	8.88	36.40	-41.00	49.15	74.00	24.85	PK	Horizontal
3	9027.00	42.61	9.05	38.20	-39.43	50.43	74.00	23.57	PK	Horizontal
4	11930.68	41.90	10.26	38.83	-39.01	51.98	74.00	22.02	PK	Horizontal
5	15718.32	39.32	14.65	38.28	-40.20	52.05	74.00	21.95	PK	Horizontal
6	17896.26	38.98	12.75	41.17	-40.66	52.24	74.00	21.76	PK	Horizontal

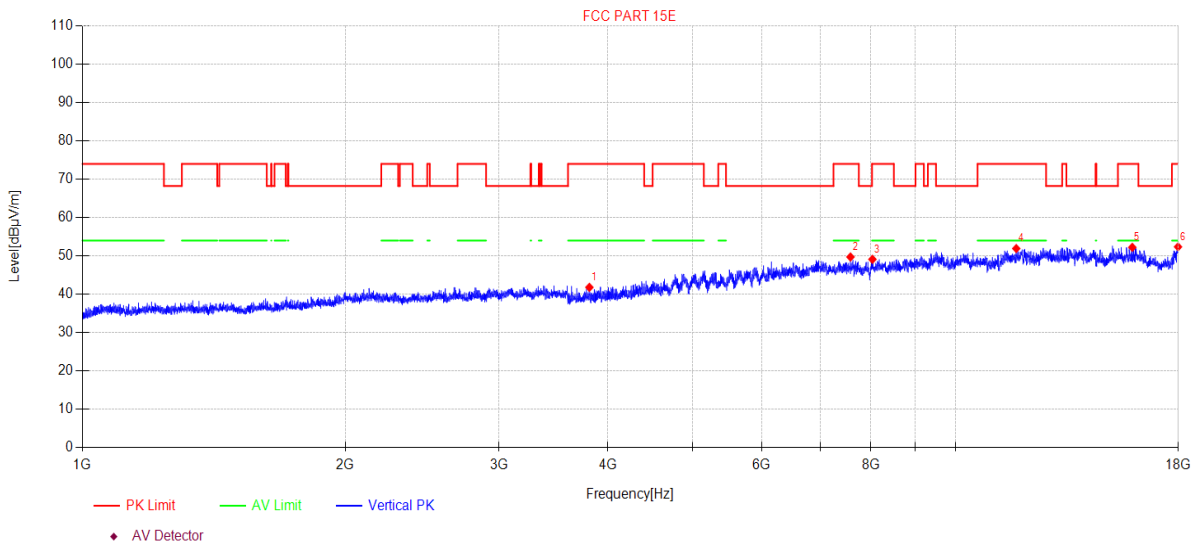
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI12
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	3808.52	46.84	5.94	30.32	-41.29	41.81	74.00	32.19	PK	Vertical
2	7581.11	45.45	8.87	36.40	-41.00	49.72	74.00	24.28	PK	Vertical
3	8034.54	44.24	8.81	37.00	-40.94	49.11	74.00	24.89	PK	Vertical
4	11739.14	42.34	10.11	38.80	-39.32	51.93	74.00	22.07	PK	Vertical
5	15942.50	38.80	15.78	38.02	-40.36	52.24	74.00	21.76	PK	Vertical
6	17984.40	38.52	12.83	41.71	-40.69	52.37	74.00	21.63	PK	Vertical

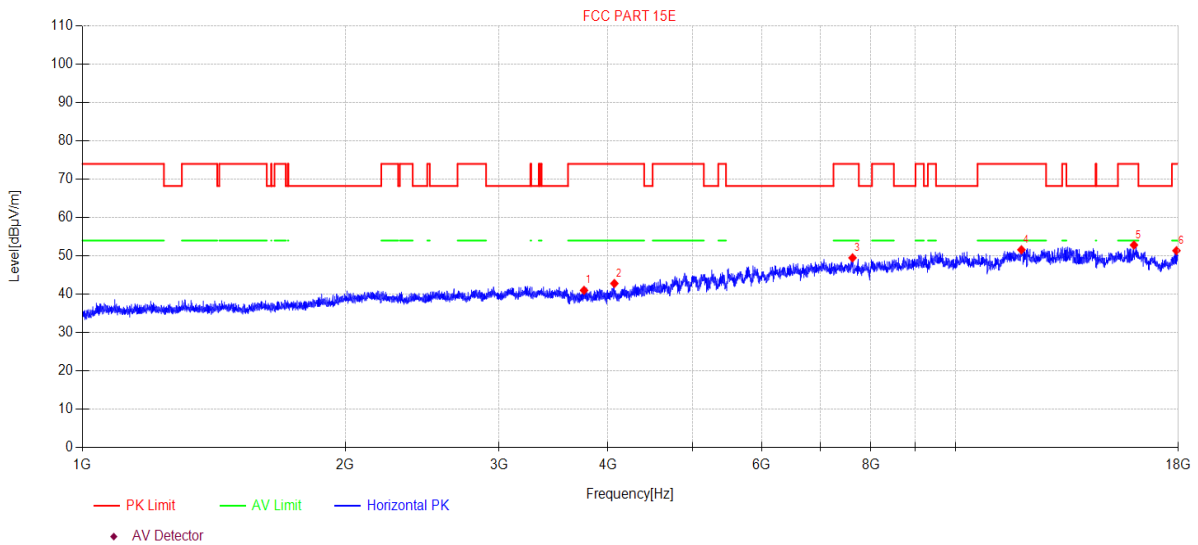
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI13
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	3754.97	46.26	5.90	30.12	-41.25	41.03	74.00	32.97	PK	Horizontal
2	4067.93	47.14	6.21	30.84	-41.38	42.81	74.00	31.19	PK	Horizontal
3	7622.85	45.19	8.86	36.45	-41.00	49.50	74.00	24.50	PK	Horizontal
4	11899.68	41.62	10.24	38.80	-39.06	51.60	74.00	22.40	PK	Horizontal
5	16011.76	39.32	16.02	37.89	-40.40	52.83	74.00	21.17	PK	Horizontal
6	17911.78	38.00	12.76	41.27	-40.66	51.37	74.00	22.63	PK	Horizontal

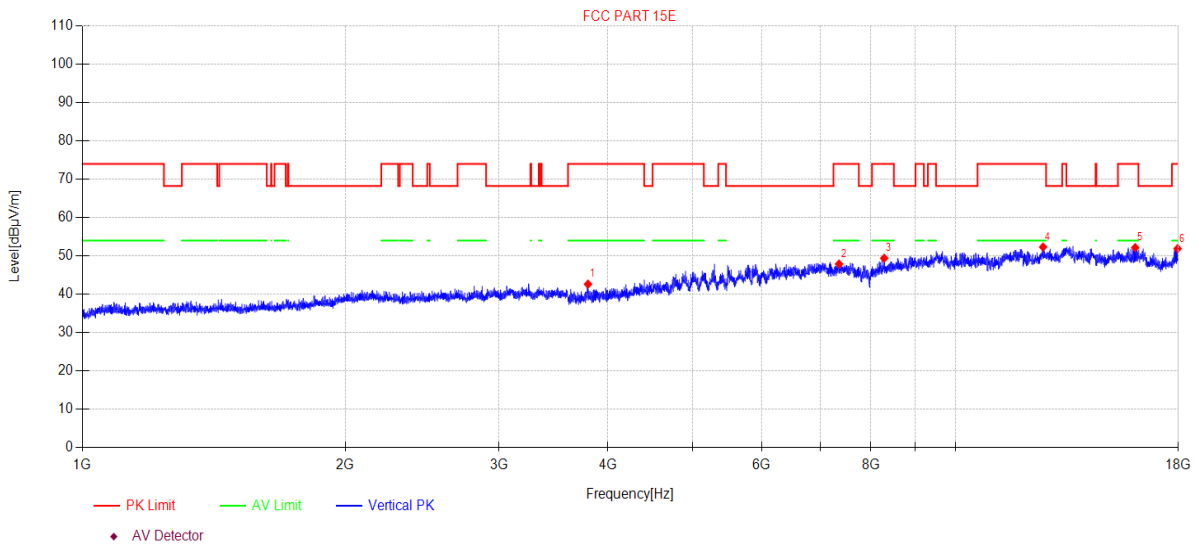
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI14
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	3794.24	47.71	5.93	30.28	-41.28	42.64	74.00	31.36	PK	Vertical
2	7356.63	43.49	8.90	36.50	-41.00	47.89	74.00	26.11	PK	Vertical
3	8286.88	43.89	8.87	37.17	-40.54	49.39	74.00	24.61	PK	Vertical
4	12600.49	42.26	10.36	39.20	-39.50	52.32	74.00	21.68	PK	Vertical
5	16067.39	38.93	15.79	37.83	-40.39	52.16	74.00	21.84	PK	Vertical
6	17963.62	38.20	12.81	41.58	-40.69	51.90	74.00	22.10	PK	Vertical

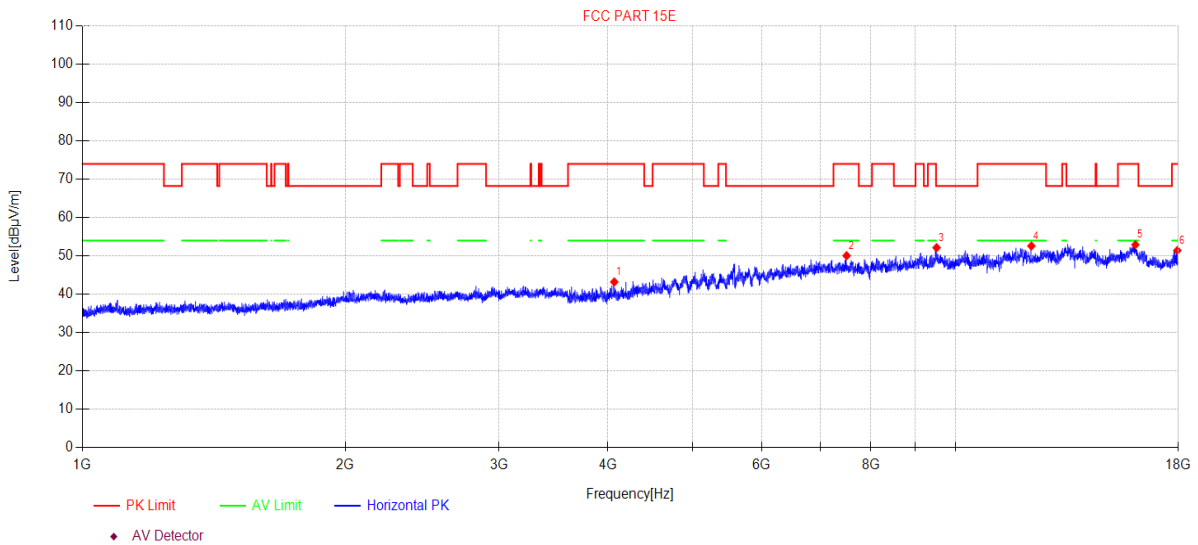
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI15
Memo: 11AC20MIMO 5580

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	4066.76	47.56	6.21	30.83	-41.38	43.22	74.00	30.78	PK	Horizontal
2	7504.81	45.78	8.88	36.40	-41.00	50.06	74.00	23.94	PK	Horizontal
3	9514.52	44.53	9.24	38.40	-40.02	52.15	68.20	16.05	PK	Horizontal
4	12216.80	42.28	10.33	39.10	-39.12	52.59	74.00	21.41	PK	Horizontal
5	16072.03	39.70	15.77	37.83	-40.39	52.91	74.00	21.09	PK	Horizontal
6	17953.24	37.79	12.80	41.52	-40.68	51.43	74.00	22.57	PK	Horizontal

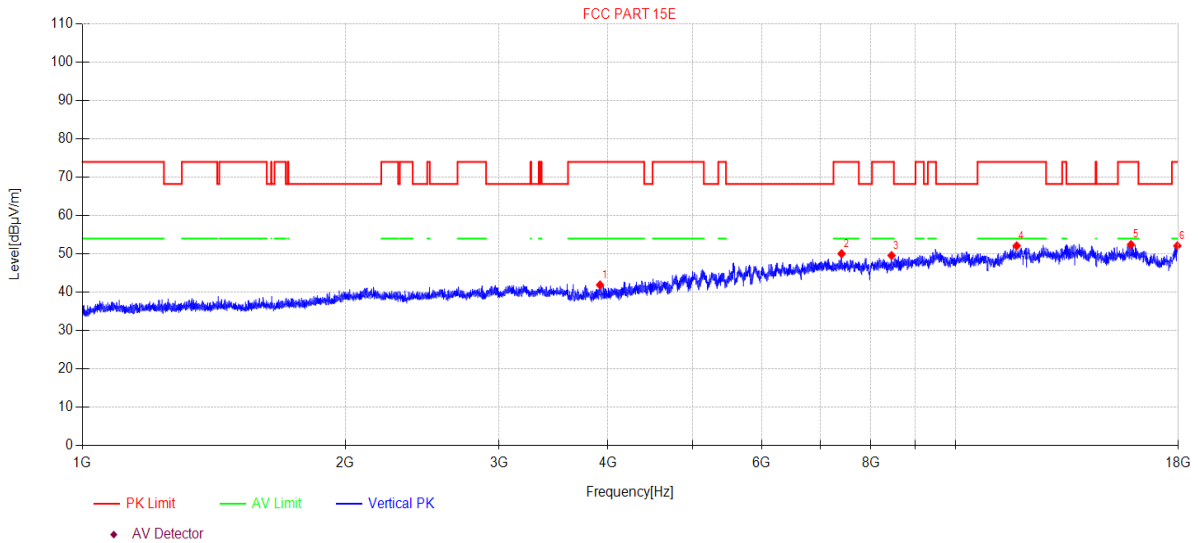
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI16
Memo: 11AC20MIMO 5580

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	3916.80	46.72	6.02	30.53	-41.35	41.92	74.00	32.08	PK	Vertical
2	7405.70	45.65	8.90	36.50	-41.00	50.05	74.00	23.95	PK	Vertical
3	8448.91	43.55	8.91	37.40	-40.28	49.58	74.00	24.42	PK	Vertical
4	11752.72	42.49	10.12	38.80	-39.30	52.11	74.00	21.89	PK	Vertical
5	15887.30	39.15	15.50	38.11	-40.32	52.44	74.00	21.56	PK	Vertical
6	17953.24	38.47	12.80	41.52	-40.68	52.11	74.00	21.89	PK	Vertical

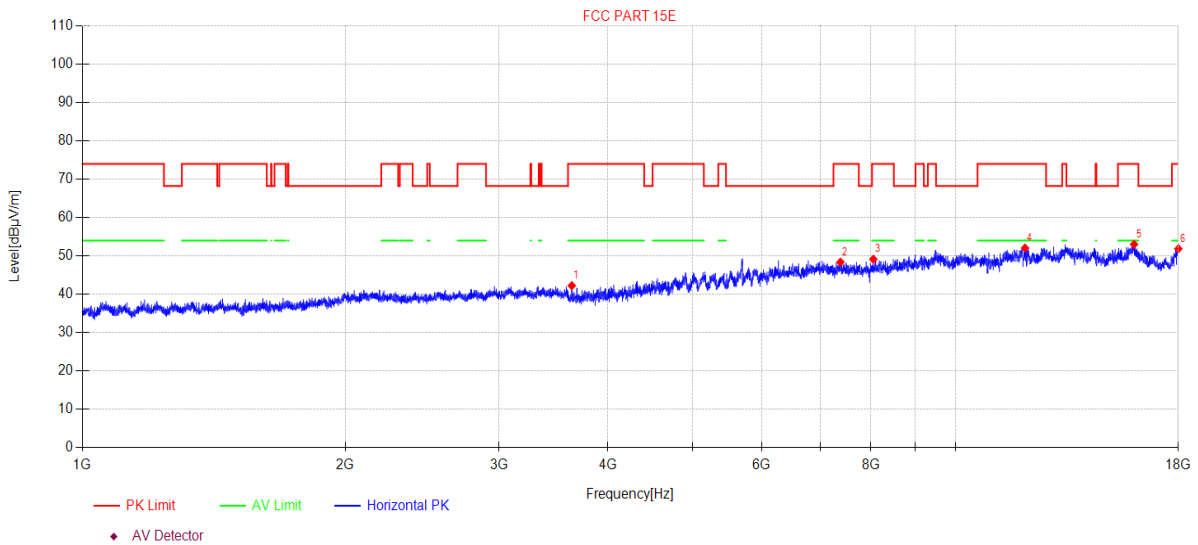
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI17
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	3635.37	47.84	5.81	29.77	-41.18	42.24	74.00	31.76	PK	Horizontal
2	7384.32	43.97	8.90	36.50	-41.00	48.37	74.00	25.63	PK	Horizontal
3	8053.14	44.25	8.81	37.00	-40.91	49.15	74.00	24.85	PK	Horizontal
4	12013.72	41.70	10.32	38.93	-38.91	52.04	74.00	21.96	PK	Horizontal
5	16016.39	39.54	16.00	37.88	-40.40	53.02	74.00	20.98	PK	Horizontal
6	18000.00	37.91	12.85	41.80	-40.70	51.86	74.00	22.14	PK	Horizontal

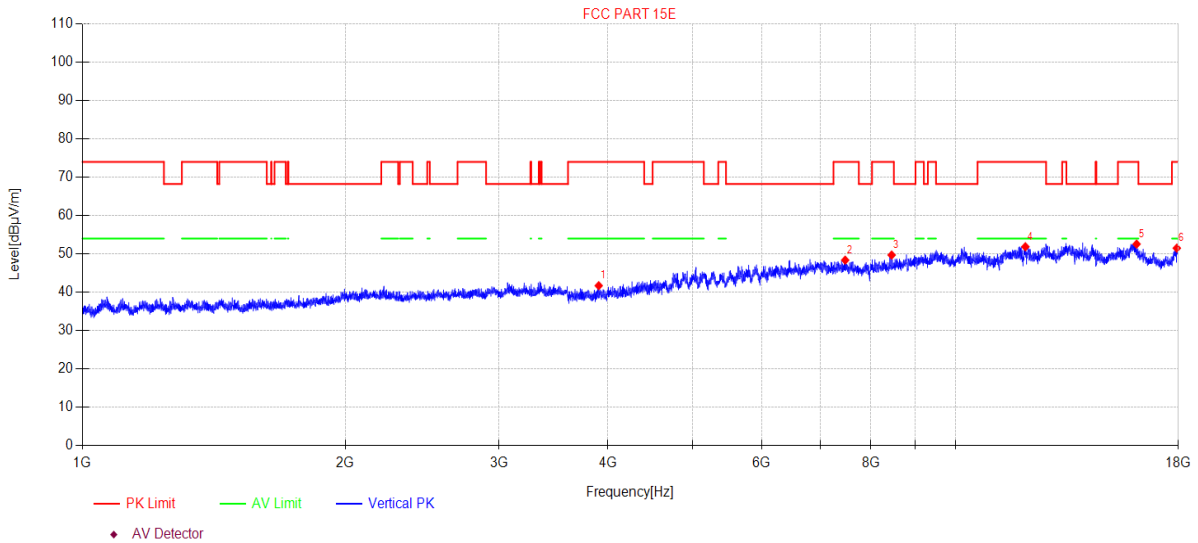
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI18
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	3903.24	46.55	6.01	30.51	-41.34	41.73	74.00	32.27	PK	Vertical
2	7476.66	44.05	8.88	36.45	-41.00	48.38	74.00	25.62	PK	Vertical
3	8451.35	43.68	8.91	37.40	-40.28	49.71	74.00	24.29	PK	Vertical
4	12024.14	41.52	10.32	38.95	-38.92	51.87	74.00	22.13	PK	Vertical
5	16123.21	39.62	15.55	37.78	-40.39	52.56	74.00	21.44	PK	Vertical
6	17927.32	38.03	12.78	41.36	-40.67	51.50	74.00	22.50	PK	Vertical

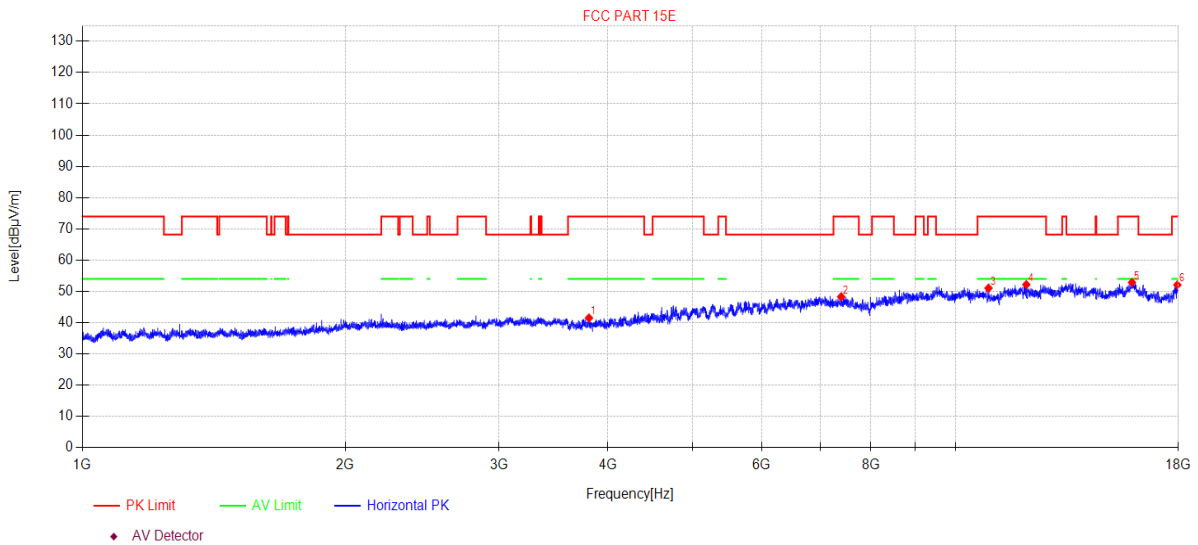
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5.8GWIFI\1
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	3804.12	46.55	5.94	30.31	-41.28	41.52	74.00	32.48	PK	Horizontal
2	7399.28	43.90	8.90	36.50	-41.00	48.30	74.00	25.70	PK	Horizontal
3	10911.41	42.97	9.51	39.10	-40.51	51.07	74.00	22.93	PK	Horizontal
4	12055.46	41.82	10.32	39.01	-38.96	52.19	74.00	21.81	PK	Horizontal
5	15928.68	39.49	15.71	38.04	-40.35	52.89	74.00	21.11	PK	Horizontal
6	17953.24	38.47	12.80	41.52	-40.68	52.11	74.00	21.89	PK	Horizontal

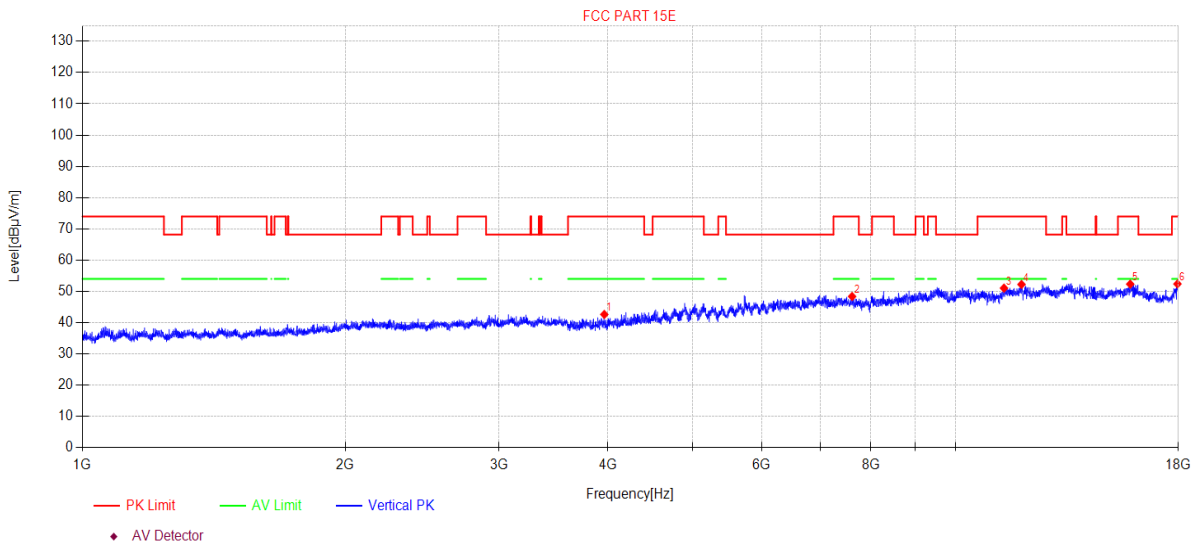
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5.8GWIFI\2
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	3961.20	47.35	6.05	30.62	-41.38	42.64	74.00	31.36	PK	Vertical
2	7614.04	44.11	8.86	36.43	-41.00	48.40	74.00	25.60	PK	Vertical
3	11365.24	42.07	9.81	39.10	-39.92	51.06	74.00	22.94	PK	Vertical
4	11903.12	42.26	10.24	38.80	-39.06	52.24	74.00	21.76	PK	Vertical
5	15855.19	39.16	15.34	38.14	-40.30	52.34	74.00	21.66	PK	Vertical
6	17958.43	38.73	12.81	41.55	-40.68	52.41	74.00	21.59	PK	Vertical

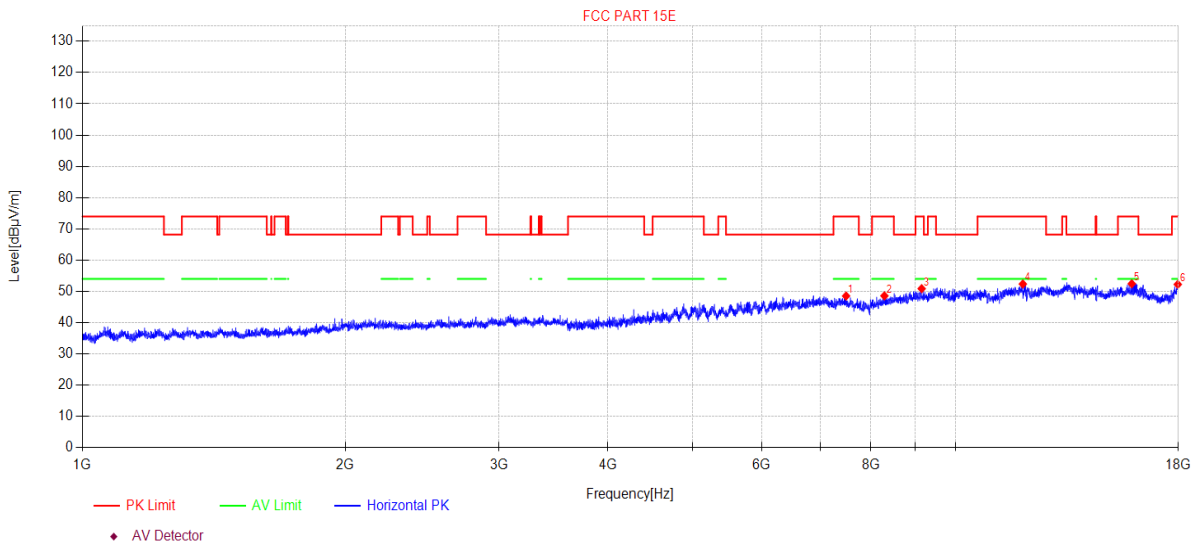
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5.8GWIFI\3
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	7493.97	44.25	8.88	36.41	-41.00	48.54	74.00	25.46	PK	Horizontal
2	8291.67	43.07	8.87	37.18	-40.53	48.59	74.00	25.41	PK	Horizontal
3	9147.81	43.07	9.10	38.30	-39.58	50.89	74.00	23.11	PK	Horizontal
4	11944.48	42.26	10.28	38.84	-38.99	52.39	74.00	21.61	PK	Horizontal
5	15919.48	39.07	15.66	38.06	-40.34	52.45	74.00	21.55	PK	Horizontal
6	17974.01	38.48	12.82	41.64	-40.69	52.25	74.00	21.75	PK	Horizontal

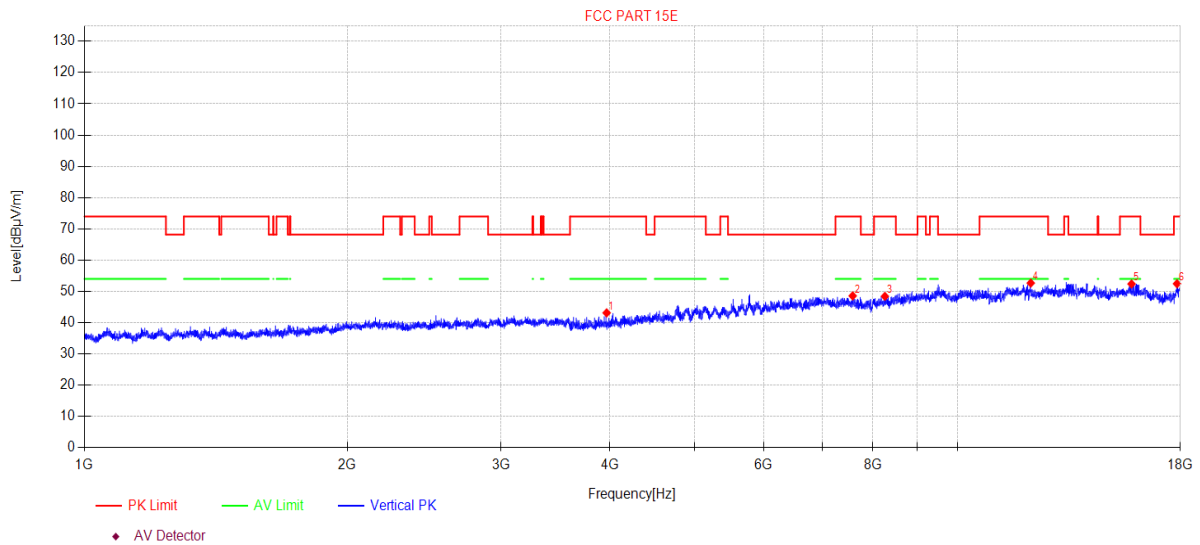
Note:

- 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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5.8GWIFI4
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	3964.63	47.86	6.05	30.63	-41.38	43.16	74.00	30.84	PK	Vertical
2	7585.49	44.31	8.87	36.40	-41.00	48.58	74.00	25.42	PK	Vertical
3	8258.19	43.05	8.86	37.12	-40.59	48.44	74.00	25.56	PK	Vertical
4	12132.35	42.29	10.33	39.10	-39.03	52.69	74.00	21.31	PK	Vertical
5	15827.72	39.31	15.20	38.17	-40.28	52.40	74.00	21.60	PK	Vertical
6	17844.61	39.60	12.70	40.81	-40.64	52.47	74.00	21.53	PK	Vertical

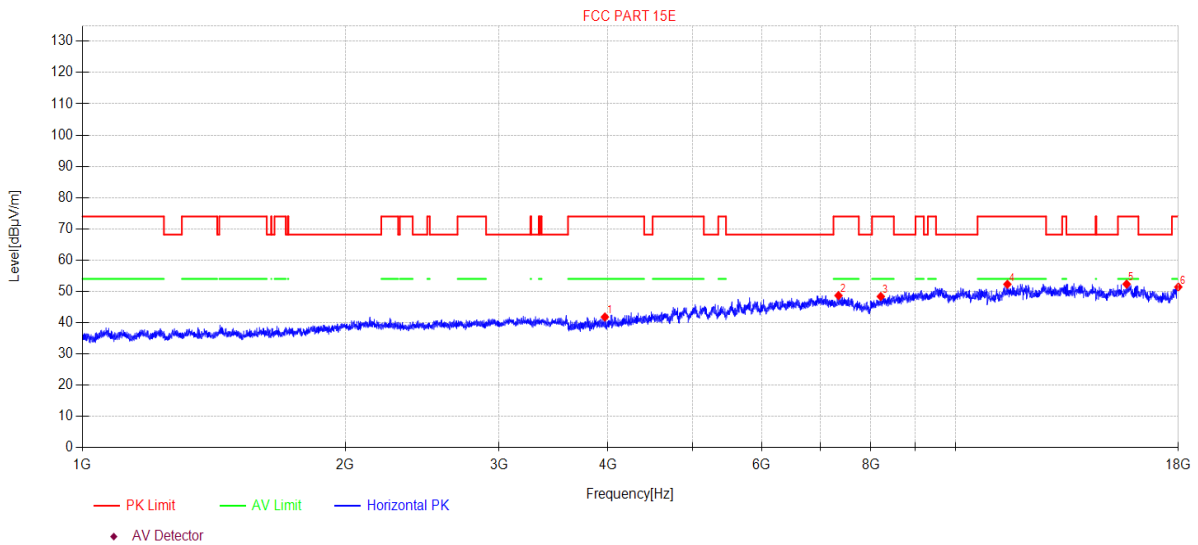
Note:

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: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5.8GWIFI\5
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	3966.93	46.51	6.06	30.63	-41.38	41.82	74.00	32.18	PK	Horizontal
2	7346.01	44.29	8.90	36.50	-41.00	48.69	74.00	25.31	PK	Horizontal
3	8212.97	43.09	8.85	37.10	-40.66	48.38	74.00	25.62	PK	Horizontal
4	11467.52	43.13	9.89	39.03	-39.75	52.30	74.00	21.70	PK	Horizontal
5	15704.70	39.66	14.58	38.30	-40.19	52.35	74.00	21.65	PK	Horizontal
6	18000.00	37.48	12.85	41.80	-40.70	51.43	74.00	22.57	PK	Horizontal

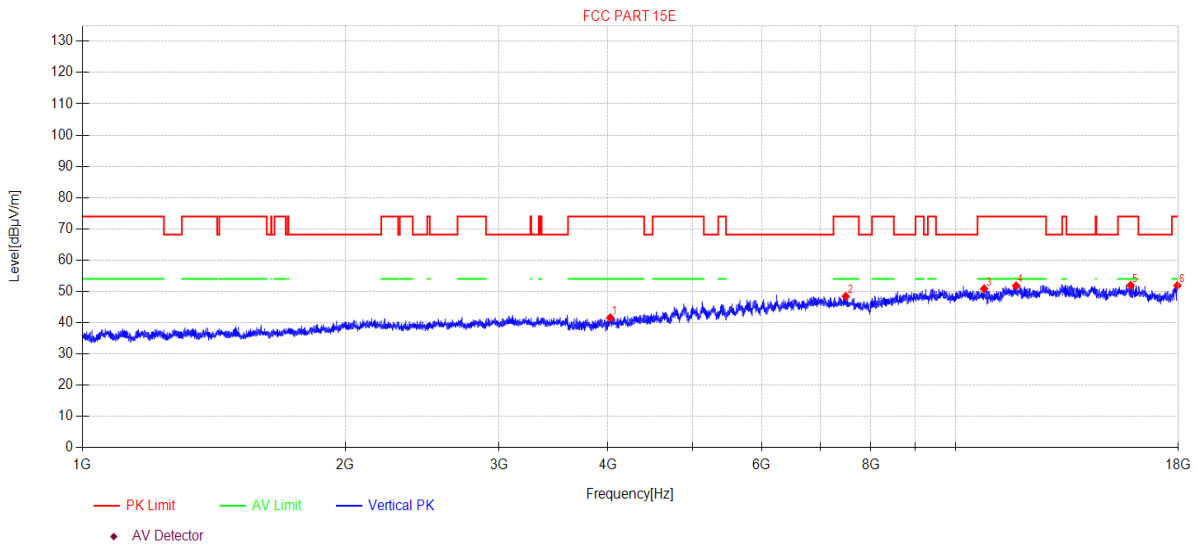
Note:

- 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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5.8GWIFI\6
Memo: 11AC20MIMO 5825

Test Graph



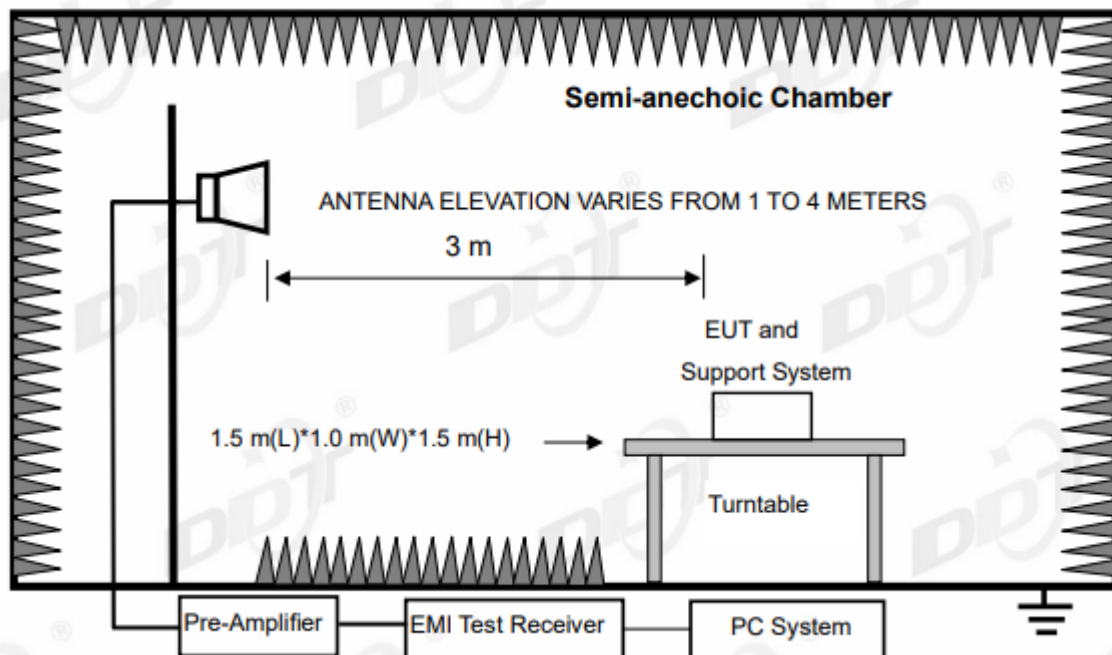
Suspected Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4023.50	46.06	6.13	30.75	-41.39	41.55	74.00	32.45	PK	Vertical
2	7487.48	44.11	8.88	36.43	-41.00	48.42	74.00	25.58	PK	Vertical
3	10786.00	42.77	9.50	39.10	-40.52	50.85	74.00	23.15	PK	Vertical
4	11735.75	42.21	10.11	38.80	-39.32	51.80	74.00	22.20	PK	Vertical
5	15873.53	38.71	15.43	38.13	-40.31	51.96	74.00	22.04	PK	Vertical
6	17958.43	38.21	12.81	41.55	-40.68	51.89	74.00	22.11	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.

13. Band Edge Compliance

13.1. Block diagram of test setup



13.2. Limit

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

13.3. Test Procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

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

13.4. Test result

Pass. (See below detailed test result)

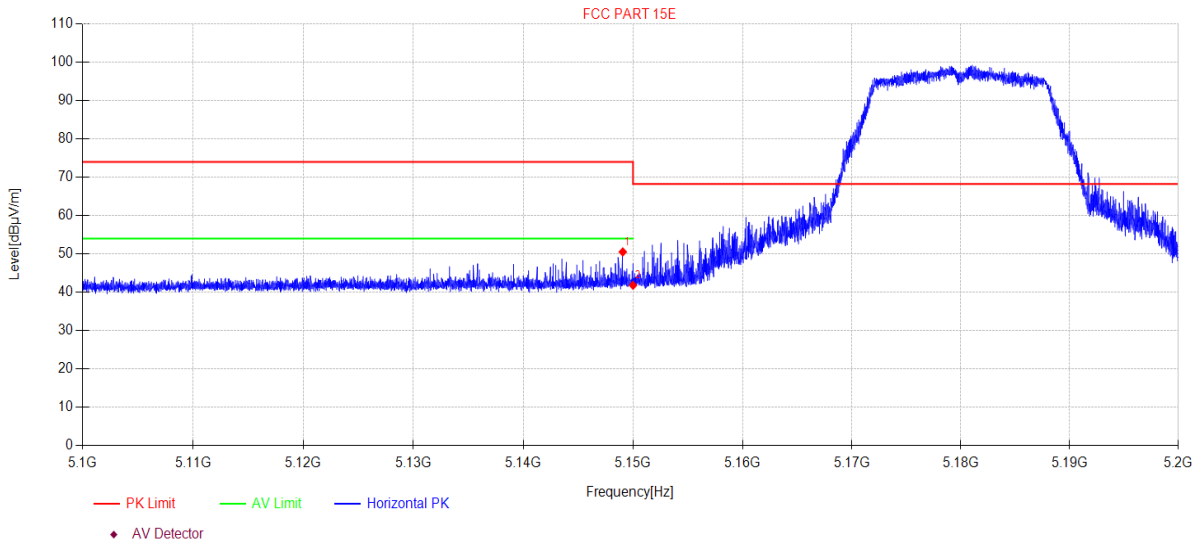
Note: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted

bands are subject to a peak emission limit of -27 dBm/MHz. However, out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-08-11 **Tested By:** Bairong
EUT: Wireless Speaker **Model Number:** L42ms
Test Mode: Tx mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.5°C;Humi:57.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23060623-2E L42ms\FCC ABOVE 1G 5GWIFI19
Memo: 11A 5180 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	5149.07	53.08	5.58	32.90	-41.04	50.52	74.00	23.48	PK	Horizontal
2	5150.00	44.37	5.59	32.90	-41.04	41.82	68.20	26.38	PK	Horizontal

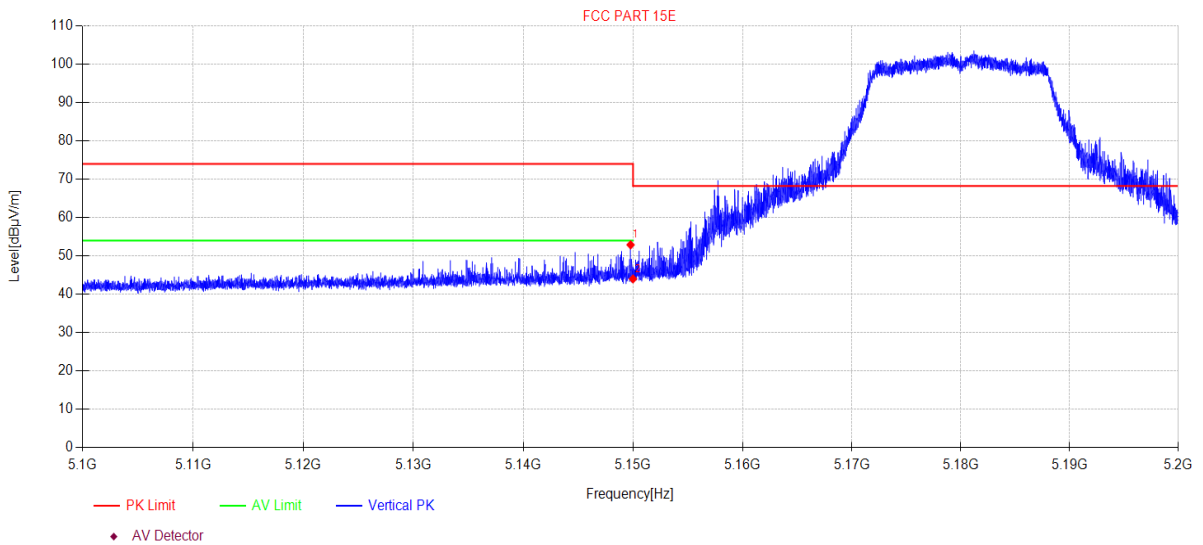
Note:

- 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.

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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	5149.78	55.45	5.58	32.90	-41.04	52.89	74.00	21.11	PK	Vertical
2	5150.00	46.56	5.59	32.90	-41.04	44.01	68.20	24.19	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.