

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 1M TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

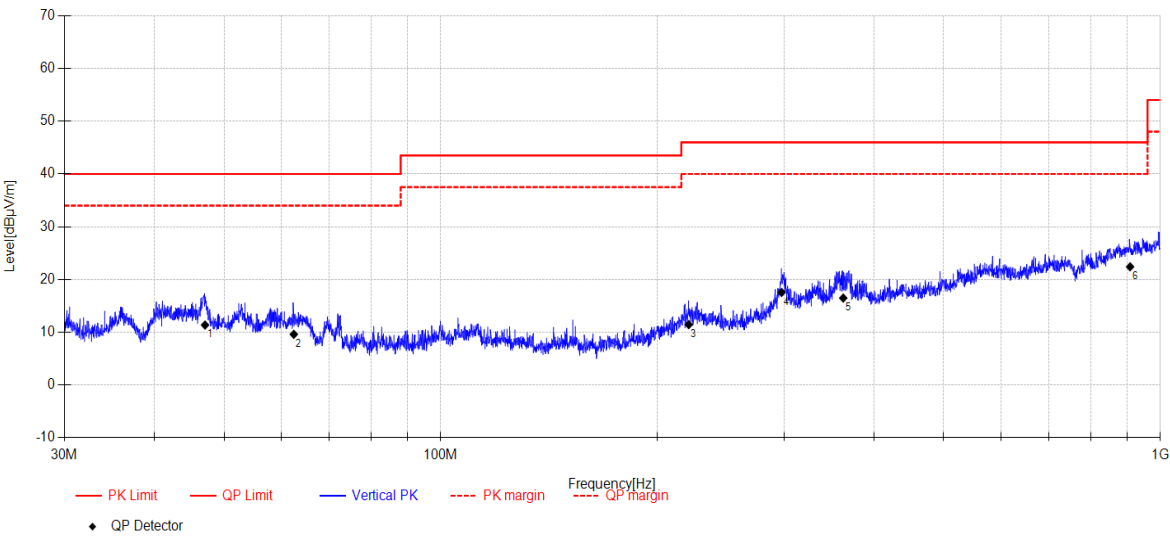
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC BELOW 1G\20240127-010200_V

Memo:

Sample Number:S23111313-02 Power Setting:NA



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	47.06	24.47	12.95	4.69	-30.74	11.37	40.00	28.63	QP	Vertical
2	62.51	22.86	12.60	4.77	-30.62	9.61	40.00	30.39	QP	Vertical
3	221.15	25.09	11.07	5.82	-30.54	11.44	46.00	34.56	QP	Vertical
4	297.71	28.48	13.24	6.14	-30.31	17.55	46.00	28.45	QP	Vertical
5	362.55	25.26	14.90	6.49	-30.17	16.48	46.00	29.52	QP	Vertical
6	907.77	21.35	21.62	8.37	-28.93	22.41	46.00	23.59	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 2M TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

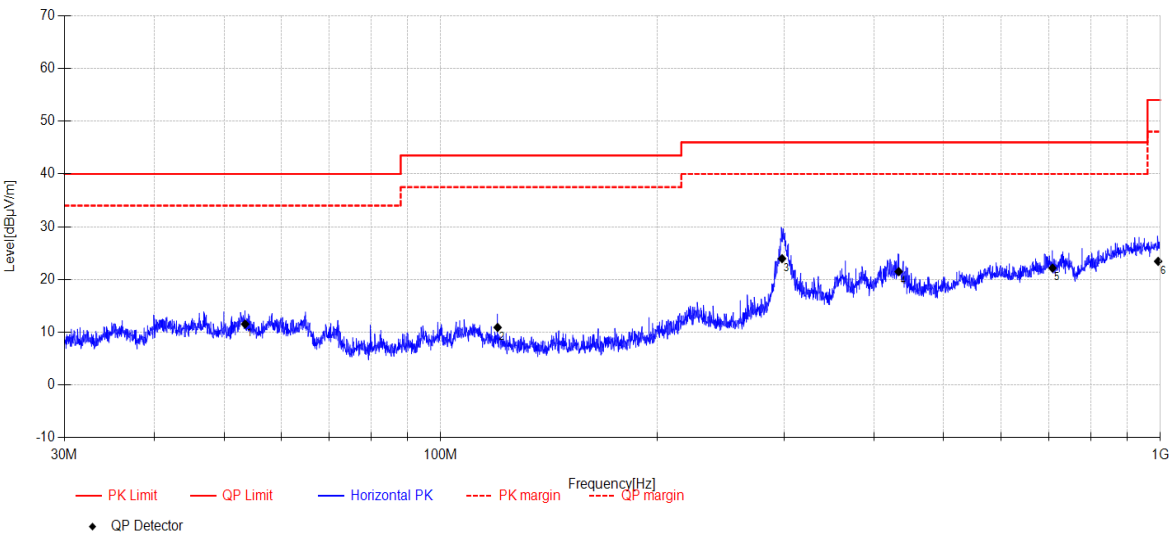
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S23111313-02 Power Setting:NA



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	53.50	24.53	12.95	4.74	-30.68	11.54	40.00	28.46	QP	Horizontal
2	119.99	26.58	10.00	5.17	-30.84	10.91	43.50	32.59	QP	Horizontal
3	298.13	34.79	13.33	6.14	-30.31	23.95	46.00	22.05	QP	Horizontal
4	432.92	28.91	15.83	6.78	-30.03	21.49	46.00	24.51	QP	Horizontal
5	708.24	25.03	19.25	7.78	-29.90	22.16	46.00	23.84	QP	Horizontal
6	993.01	20.53	22.40	8.67	-28.16	23.44	54.00	30.56	QP	Horizontal

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 2M TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

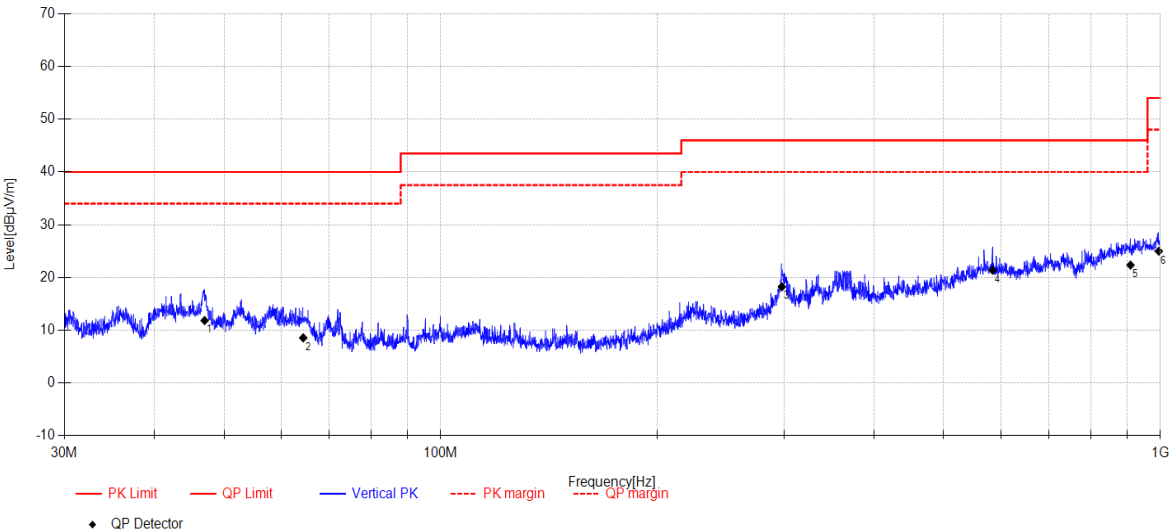
DDT 3# Chamber

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Memo:

Sample Number:S23111313-02 Power Setting:NA



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	46.99	24.91	12.99	4.69	-30.75	11.84	40.00	28.16	QP	Vertical
2	64.42	22.13	12.26	4.77	-30.60	8.56	40.00	31.44	QP	Vertical
3	297.92	29.13	13.28	6.14	-30.31	18.24	46.00	27.76	QP	Vertical
4	584.85	25.7	18.32	7.27	-29.90	21.39	46.00	24.61	QP	Vertical
5	909.05	21.4	21.50	8.37	-28.92	22.35	46.00	23.65	QP	Vertical
6	995.10	21.87	22.58	8.67	-28.14	24.98	54.00	29.02	QP	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 1M 2402MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

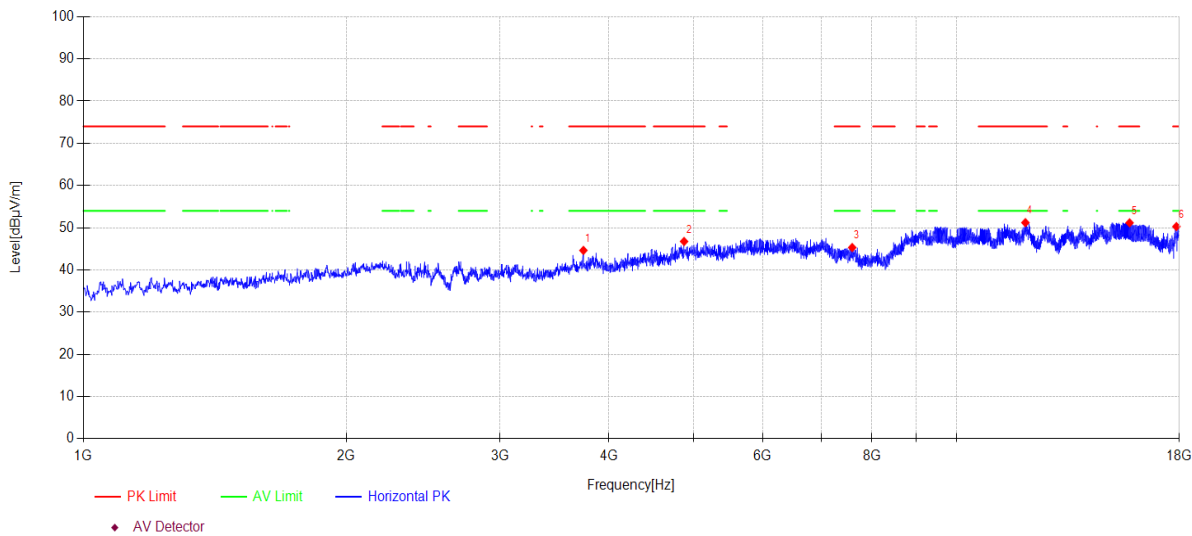
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G BT&BLE\19

Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3738.70	48.65	30.48	5.79	-40.29	44.63	74.00	29.37	PK	Horizontal
2	4876.00	45.88	33.38	7.62	-40.13	46.75	74.00	27.25	PK	Horizontal
3	7596.00	43.36	36.49	7.65	-42.19	45.31	74.00	28.69	PK	Horizontal
4	11993.90	41.05	39.18	10.53	-39.56	51.20	74.00	22.80	PK	Horizontal
5	15786.60	37.16	38.33	14.91	-39.23	51.17	74.00	22.83	PK	Horizontal
6	17860.60	37.94	41.47	12.96	-42.09	50.28	74.00	23.72	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 1M 2402MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

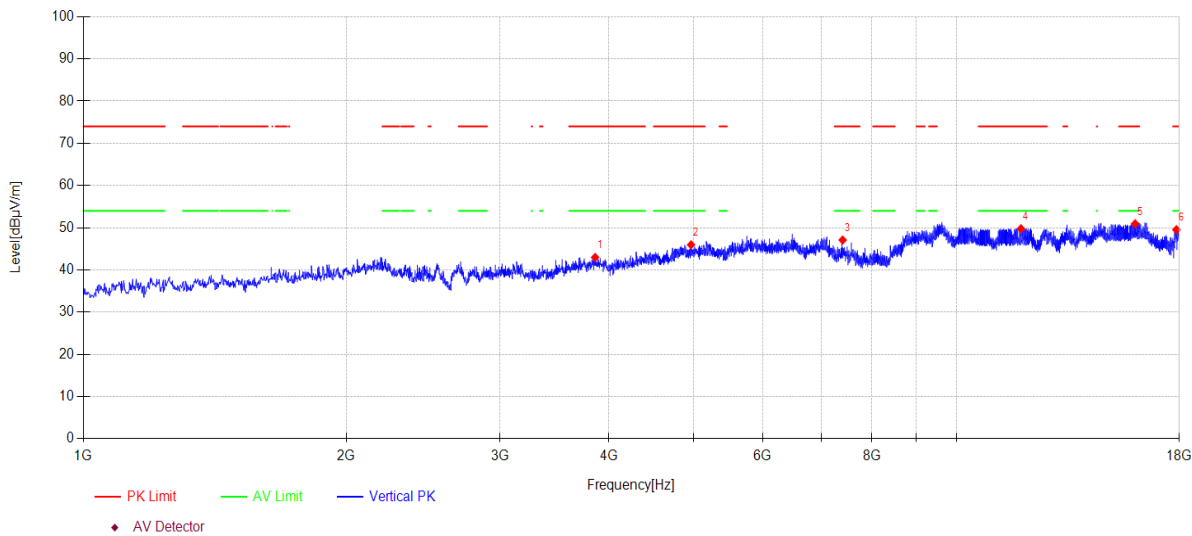
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3856.00	46.58	30.94	5.82	-40.36	42.98	74.00	31.02	PK	Vertical
2	4966.10	45.12	33.13	7.80	-40.09	45.96	74.00	28.04	PK	Vertical
3	7407.30	44.47	36.69	7.64	-41.72	47.08	74.00	26.92	PK	Vertical
4	11854.50	39.94	38.90	10.41	-39.49	49.76	74.00	24.24	PK	Vertical
5	16019.50	36.55	37.98	15.80	-39.38	50.95	74.00	23.05	PK	Vertical
6	17864.00	37.16	41.50	12.97	-42.10	49.53	74.00	24.47	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 1M 2440MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

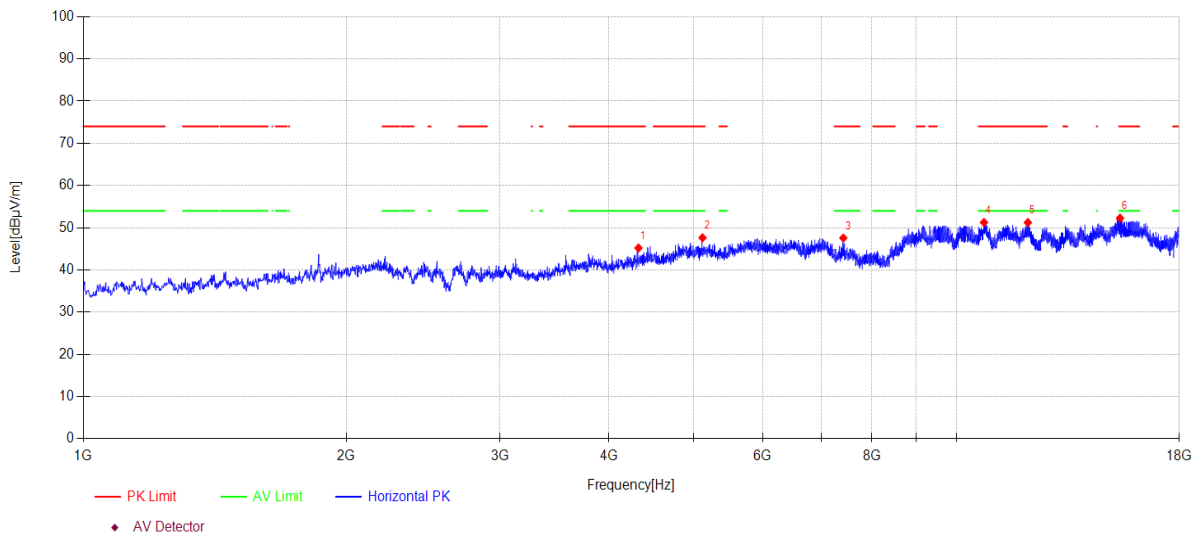
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4323.50	47.43	31.60	6.50	-40.33	45.20	74.00	28.80	PK	Horizontal
2	5119.10	46.24	33.40	8.04	-40.06	47.62	74.00	26.38	PK	Horizontal
3	7420.90	45.01	36.66	7.64	-41.75	47.56	74.00	26.44	PK	Horizontal
4	10751.20	41.39	39.40	9.47	-39.00	51.26	74.00	22.74	PK	Horizontal
5	12072.10	41.01	39.27	10.54	-39.59	51.23	74.00	22.77	PK	Horizontal
6	15393.90	39.09	39.05	13.13	-39.00	52.27	74.00	21.73	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 1M 2440MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

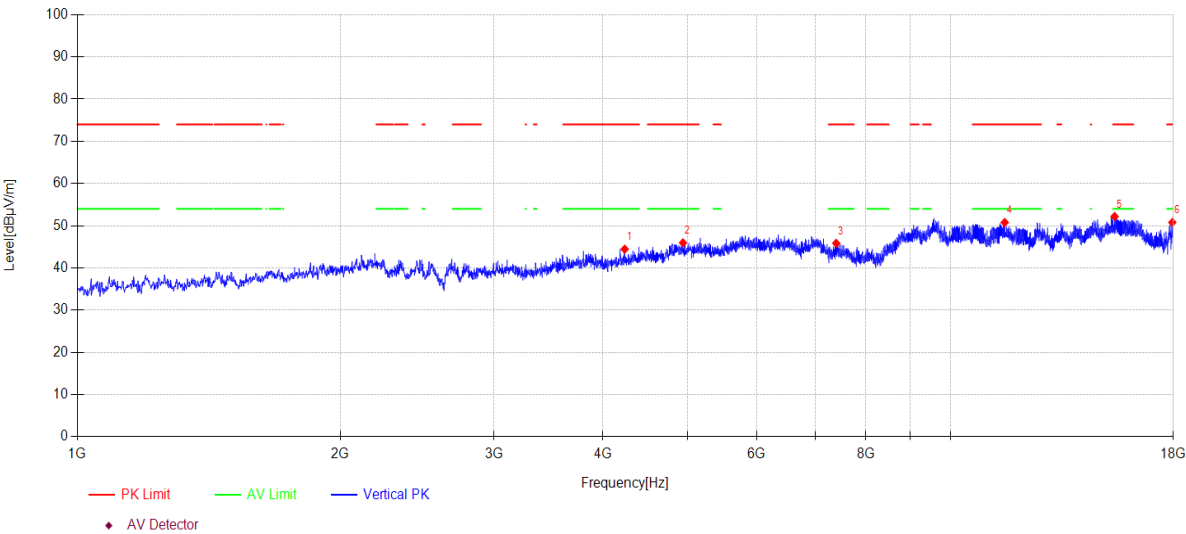
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4235.10	47.15	31.34	6.32	-40.36	44.45	74.00	29.55	PK	Vertical
2	4938.90	45.23	33.08	7.75	-40.10	45.96	74.00	28.04	PK	Vertical
3	7398.80	43.20	36.70	7.64	-41.70	45.84	74.00	28.16	PK	Vertical
4	11538.30	40.86	39.12	10.13	-39.34	50.77	74.00	23.23	PK	Vertical
5	15417.70	38.99	38.96	13.24	-39.01	52.18	74.00	21.82	PK	Vertical
6	17952.40	37.86	42.16	13.07	-42.29	50.80	74.00	23.20	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 1M 2480MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

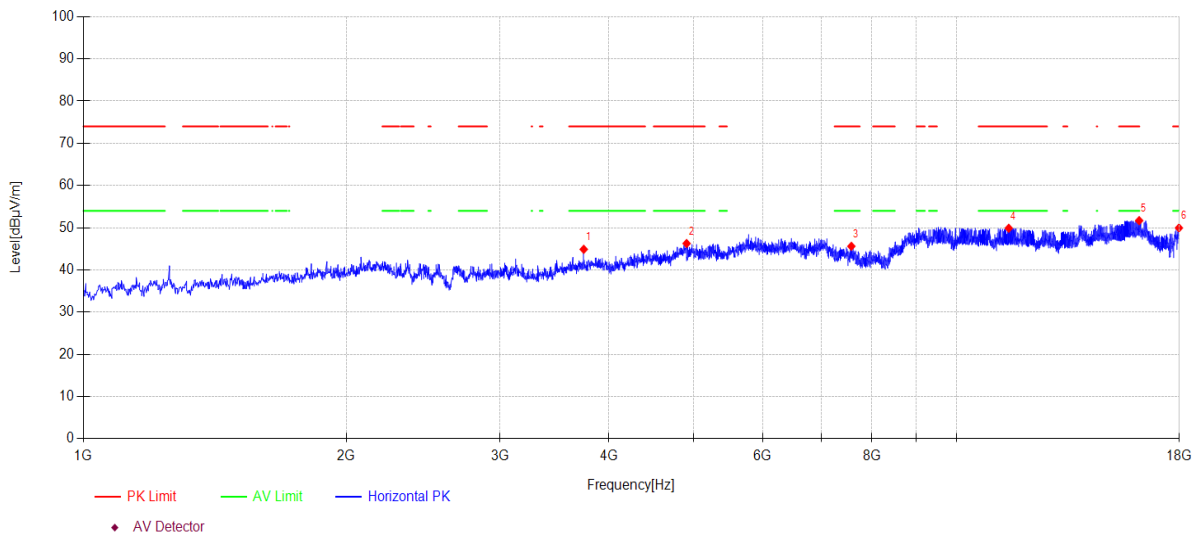
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3742.10	48.90	30.48	5.79	-40.29	44.88	74.00	29.12	PK	Horizontal
2	4908.30	45.67	33.02	7.68	-40.11	46.26	74.00	27.74	PK	Horizontal
3	7579.00	43.64	36.46	7.65	-42.15	45.60	74.00	28.40	PK	Horizontal
4	11478.80	39.90	39.22	10.08	-39.32	49.88	74.00	24.12	PK	Horizontal
5	16189.50	38.25	37.81	15.13	-39.51	51.68	74.00	22.32	PK	Horizontal
6	17981.30	36.89	42.31	13.11	-42.36	49.95	74.00	24.05	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 1M 2480MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

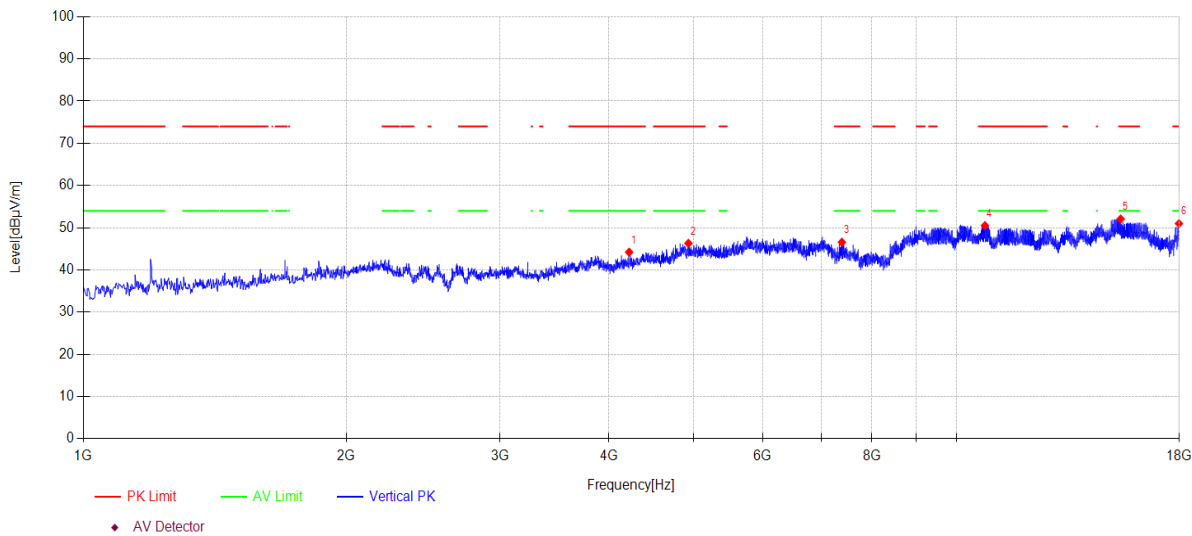
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4218.10	47.02	31.27	6.29	-40.37	44.21	74.00	29.79	PK	Vertical
2	4932.10	45.62	33.06	7.73	-40.11	46.30	74.00	27.70	PK	Vertical
3	7392.00	43.89	36.72	7.64	-41.68	46.57	74.00	27.43	PK	Vertical
4	10780.10	40.62	39.40	9.49	-39.01	50.50	74.00	23.50	PK	Vertical
5	15419.40	38.87	38.96	13.25	-39.01	52.07	74.00	21.93	PK	Vertical
6	17981.30	37.92	42.31	13.11	-42.36	50.98	74.00	23.02	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 2M 2404MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

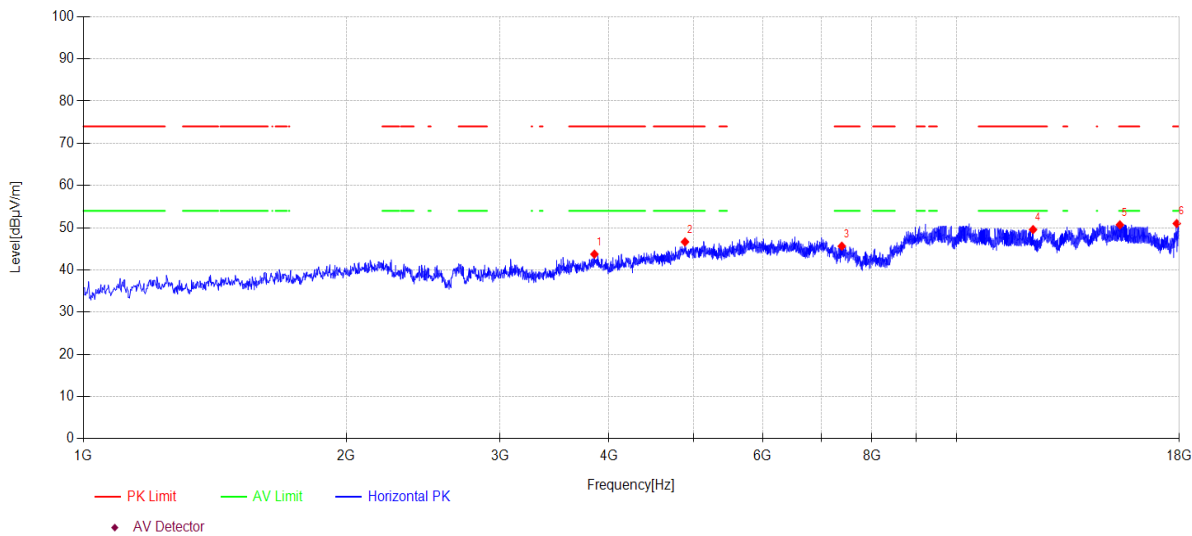
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3849.20	47.37	30.90	5.82	-40.36	43.73	74.00	30.27	PK	Horizontal
2	4887.90	45.93	33.19	7.64	-40.12	46.64	74.00	27.36	PK	Horizontal
3	7390.30	42.94	36.72	7.64	-41.68	45.62	74.00	28.38	PK	Horizontal
4	12238.70	39.37	39.30	10.54	-39.65	49.56	74.00	24.44	PK	Horizontal
5	15388.80	37.47	39.09	13.11	-38.99	50.68	74.00	23.32	PK	Horizontal
6	17877.60	38.49	41.65	12.98	-42.13	50.99	74.00	23.01	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 2M 2404MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

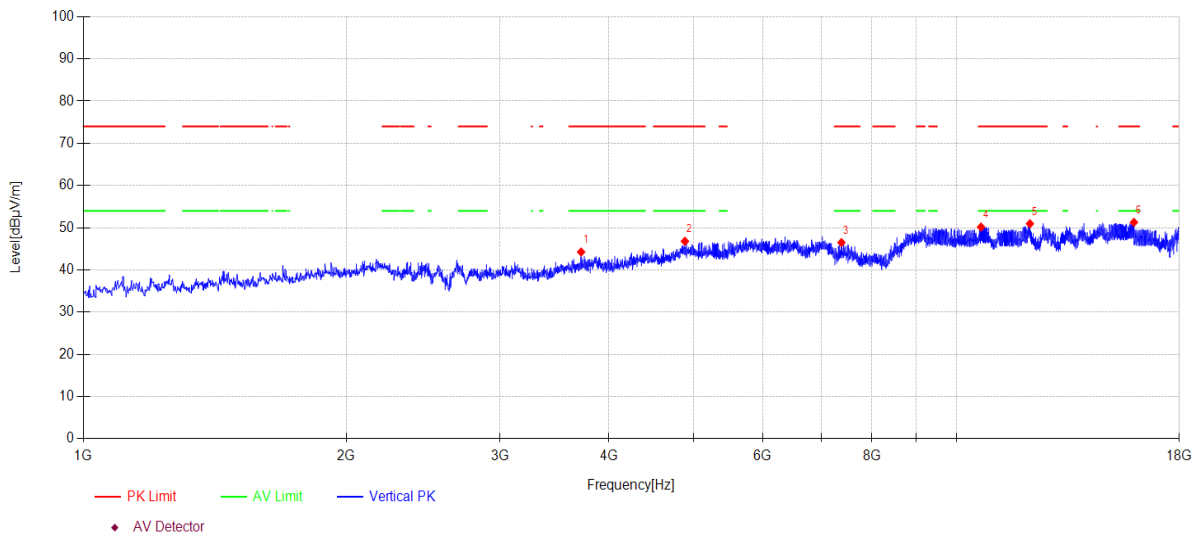
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3716.60	48.30	30.43	5.79	-40.28	44.24	74.00	29.76	PK	Vertical
2	4886.20	46.06	33.22	7.64	-40.12	46.80	74.00	27.20	PK	Vertical
3	7383.50	43.78	36.73	7.64	-41.66	46.49	74.00	27.51	PK	Vertical
4	10669.60	40.38	39.34	9.42	-38.97	50.17	74.00	23.83	PK	Vertical
5	12138.40	40.72	39.30	10.54	-39.61	50.95	74.00	23.05	PK	Vertical
6	15968.50	36.85	38.03	15.74	-39.34	51.28	74.00	22.72	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 2M 2440MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

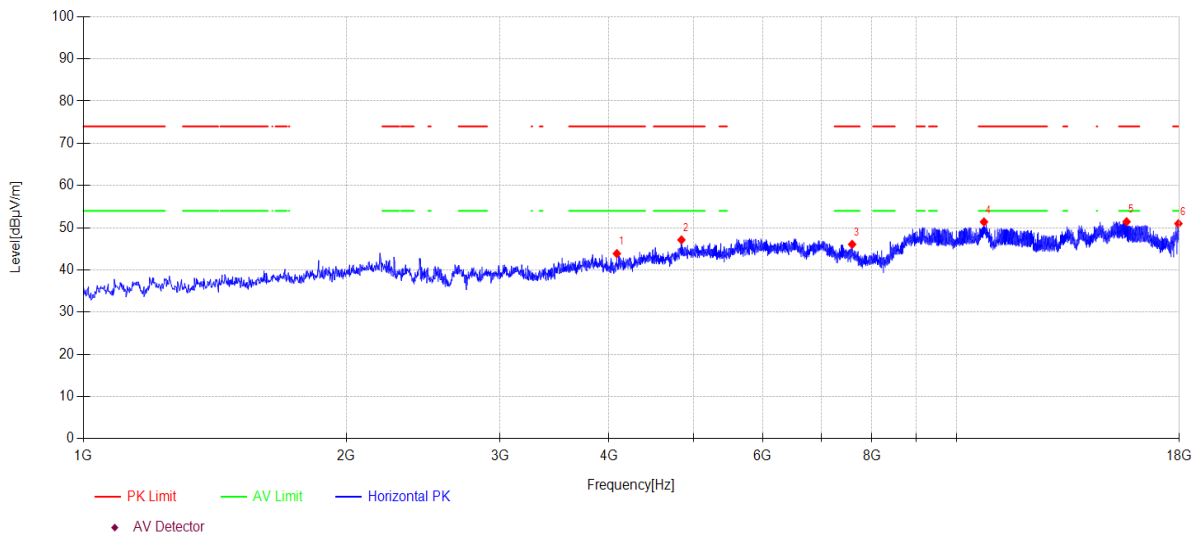
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G BT&BLE\27

Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4083.80	47.20	31.07	6.02	-40.42	43.87	74.00	30.13	PK	Horizontal
2	4842.00	46.12	33.59	7.55	-40.14	47.12	74.00	26.88	PK	Horizontal
3	7596.00	44.11	36.49	7.65	-42.19	46.06	74.00	27.94	PK	Horizontal
4	10752.90	41.51	39.40	9.47	-39.00	51.38	74.00	22.62	PK	Horizontal
5	15664.20	37.68	38.54	14.36	-39.16	51.42	74.00	22.58	PK	Horizontal
6	17955.80	38.01	42.18	13.08	-42.30	50.97	74.00	23.03	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 2M 2440MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

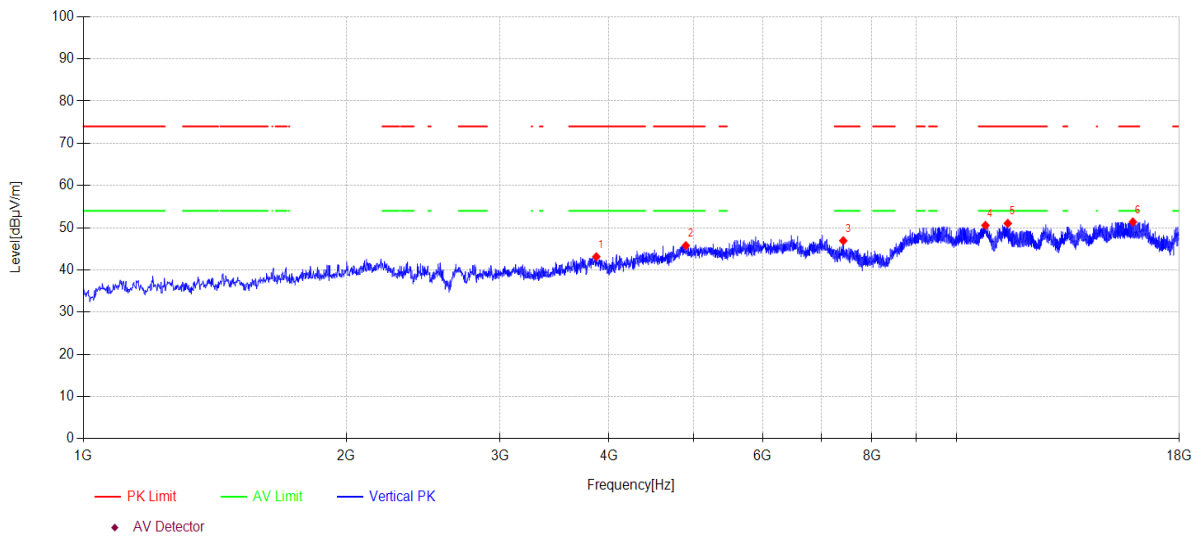
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G BT&BLE\28

Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3867.90	46.66	31.01	5.82	-40.37	43.12	74.00	30.88	PK	Vertical
2	4898.10	45.19	33.03	7.66	-40.12	45.76	74.00	28.24	PK	Vertical
3	7419.20	44.37	36.66	7.64	-41.75	46.92	74.00	27.08	PK	Vertical
4	10793.70	40.66	39.40	9.50	-39.01	50.55	74.00	23.45	PK	Vertical
5	11449.90	41.02	39.25	10.05	-39.30	51.02	74.00	22.98	PK	Vertical
6	15926.00	37.08	38.07	15.54	-39.32	51.37	74.00	22.63	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 2M 2478MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

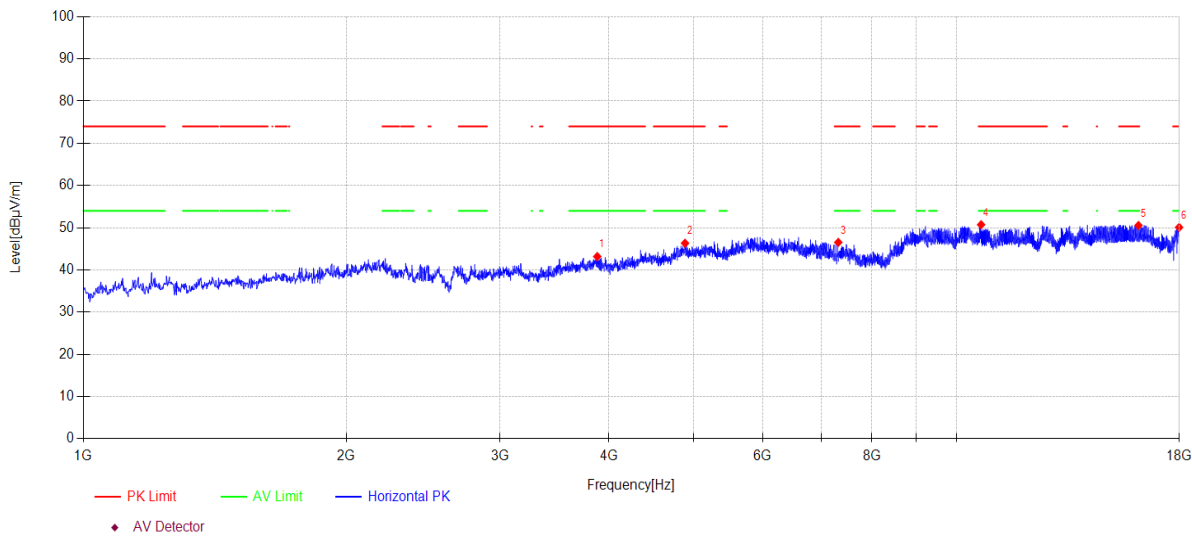
File Path:

d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G BT&BLE\29

Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3878.10	46.66	31.07	5.82	-40.38	43.17	74.00	30.83	PK	Horizontal
2	4887.90	45.62	33.19	7.64	-40.12	46.33	74.00	27.67	PK	Horizontal
3	7322.30	43.55	36.86	7.63	-41.51	46.53	74.00	27.47	PK	Horizontal
4	10671.30	40.93	39.34	9.42	-38.97	50.72	74.00	23.28	PK	Horizontal
5	16160.60	36.94	37.84	15.25	-39.49	50.54	74.00	23.46	PK	Horizontal
6	17988.10	36.99	42.34	13.12	-42.37	50.08	74.00	23.92	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

BLE 2M 2478MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

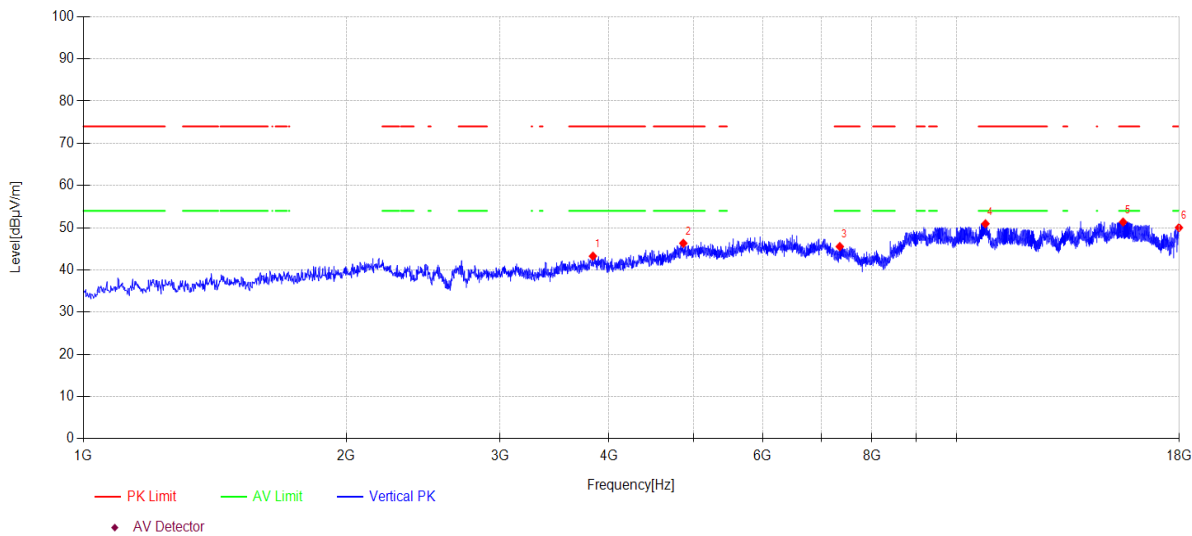
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3833.90	46.97	30.84	5.81	-40.35	43.27	74.00	30.73	PK	Vertical
2	4865.80	45.30	33.55	7.60	-40.13	46.32	74.00	27.68	PK	Vertical
3	7351.20	42.68	36.80	7.63	-41.58	45.53	74.00	28.47	PK	Vertical
4	10793.70	41.05	39.40	9.50	-39.01	50.94	74.00	23.06	PK	Vertical
5	15519.70	37.95	38.76	13.70	-39.07	51.34	74.00	22.66	PK	Vertical
6	17983.00	36.95	42.32	13.11	-42.36	50.02	74.00	23.98	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.

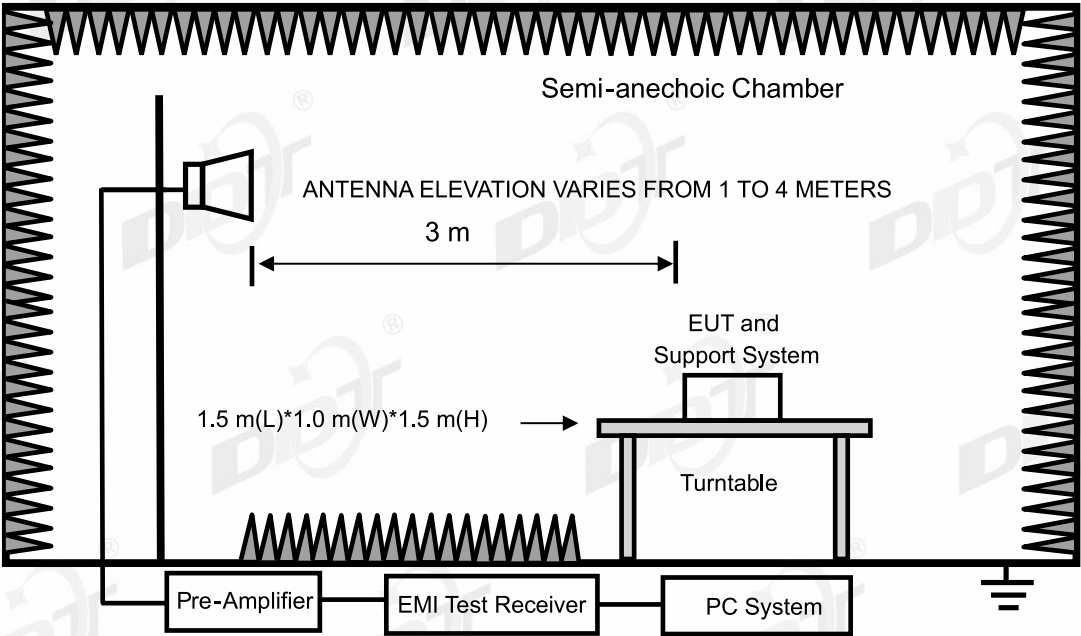
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13.Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2024/07/11
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2024/07/14
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200A	DDT-ZC01401	2024/09/20
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/18

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 and RSS-Gen section 8.9 limits, other emission should be at least 20 dB below the fundamental.

13.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

13.5. Test procedure

Same with Radiated Emission except change investigated frequency range.
Remark: All restriction band have been tested, and only the worst case is shown in report.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

DH5 2402MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

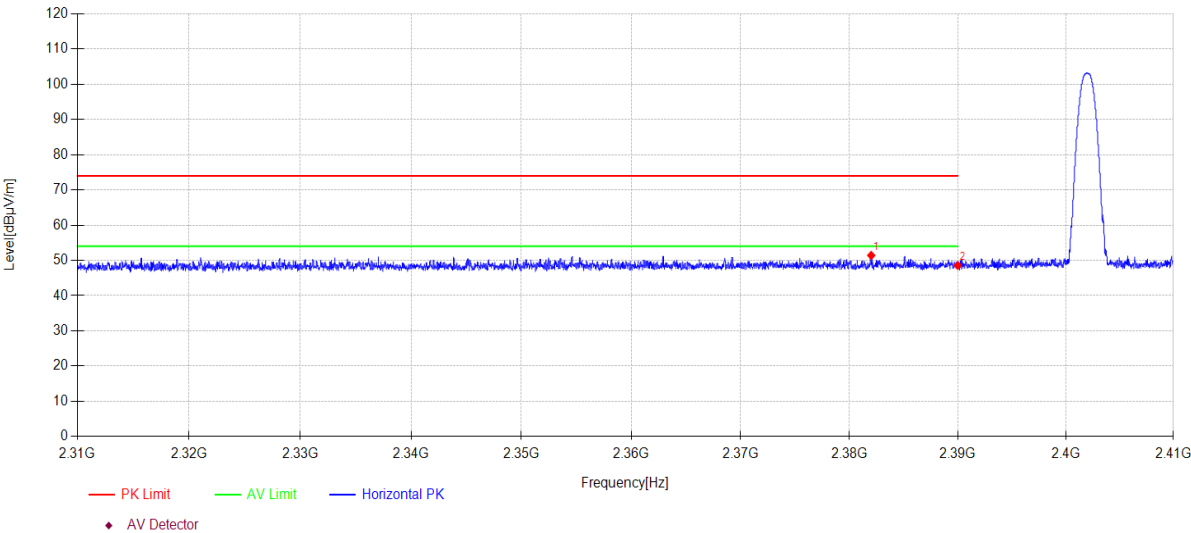
File Path:

d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G BT&BLE\7

Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2382.01	20.33	27.23	3.86	0.00	51.42	74.00	22.58	PK	Horizontal
2	2390.00	17.45	27.26	3.87	0.00	48.58	74.00	25.42	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

DH5 2402MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

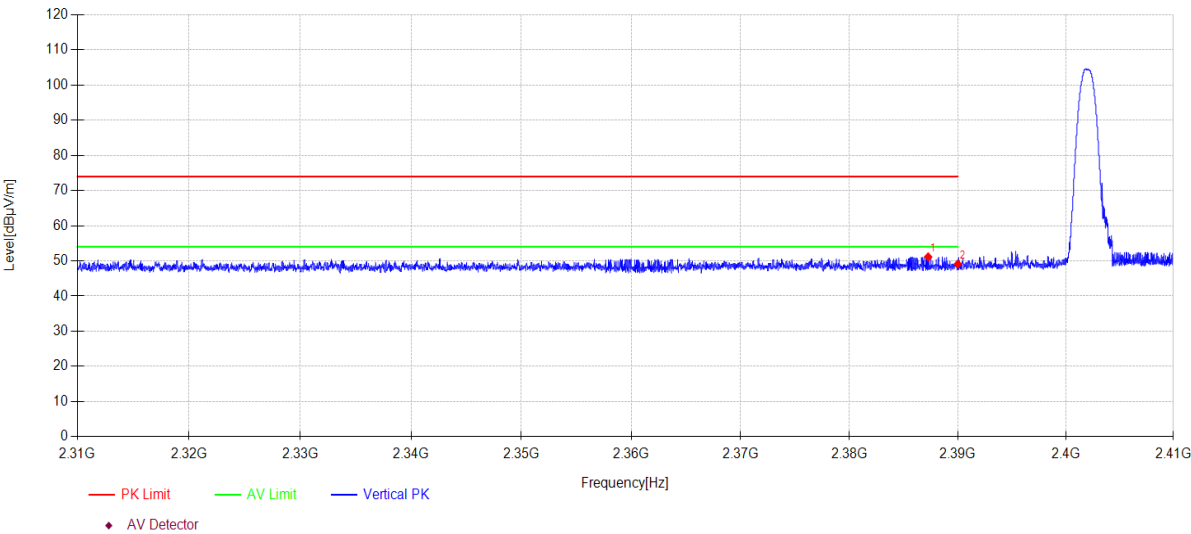
File Path:

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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2387.26	20.04	27.25	3.86	0.00	51.15	74.00	22.85	PK	Vertical
2	2390.00	17.96	27.26	3.87	0.00	49.09	74.00	24.91	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

2DH5 2402MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

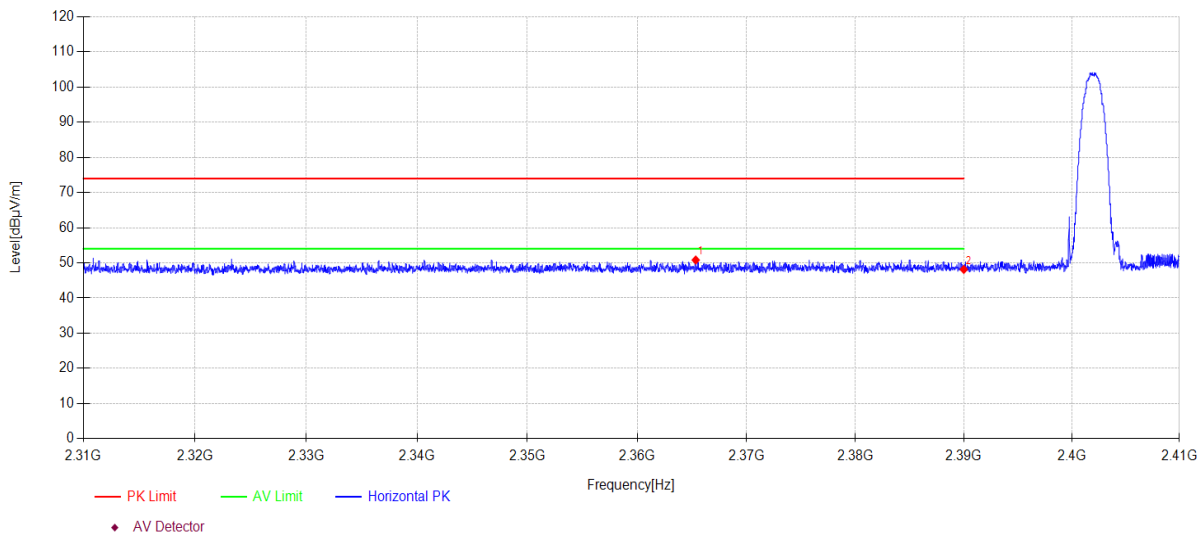
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2365.35	19.81	27.16	3.85	0.00	50.82	74.00	23.18	PK	Horizontal
2	2390.00	17.01	27.26	3.87	0.00	48.14	74.00	25.86	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

2DH5 2402MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

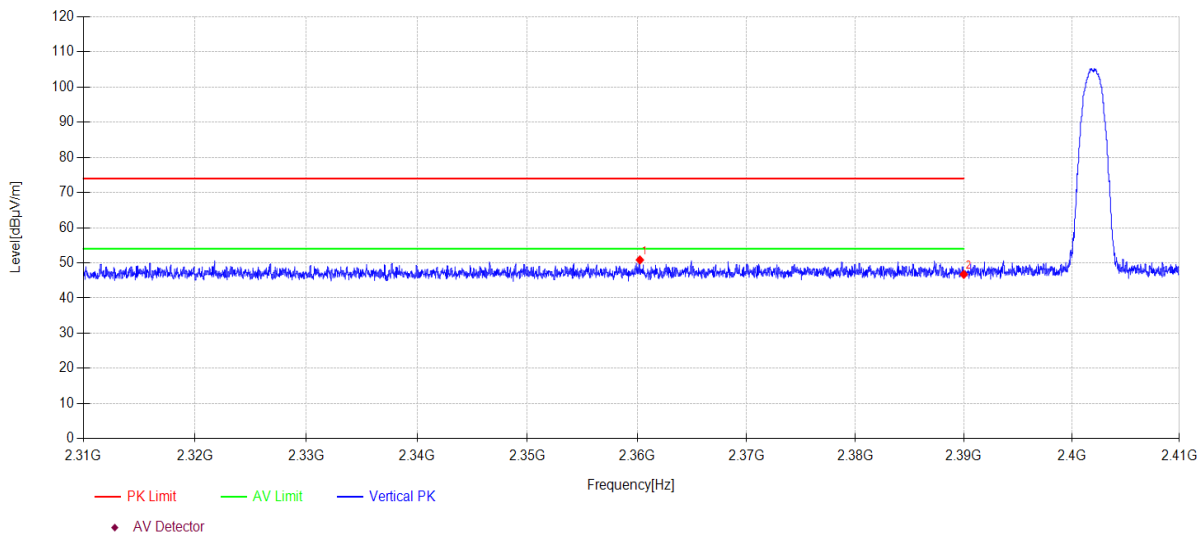
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G BT&BLE\10

Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2360.25	19.86	27.14	3.84	0.00	50.84	74.00	23.16	PK	Vertical
2	2390.00	15.60	27.26	3.87	0.00	46.73	74.00	27.27	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

3DH5 2402MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

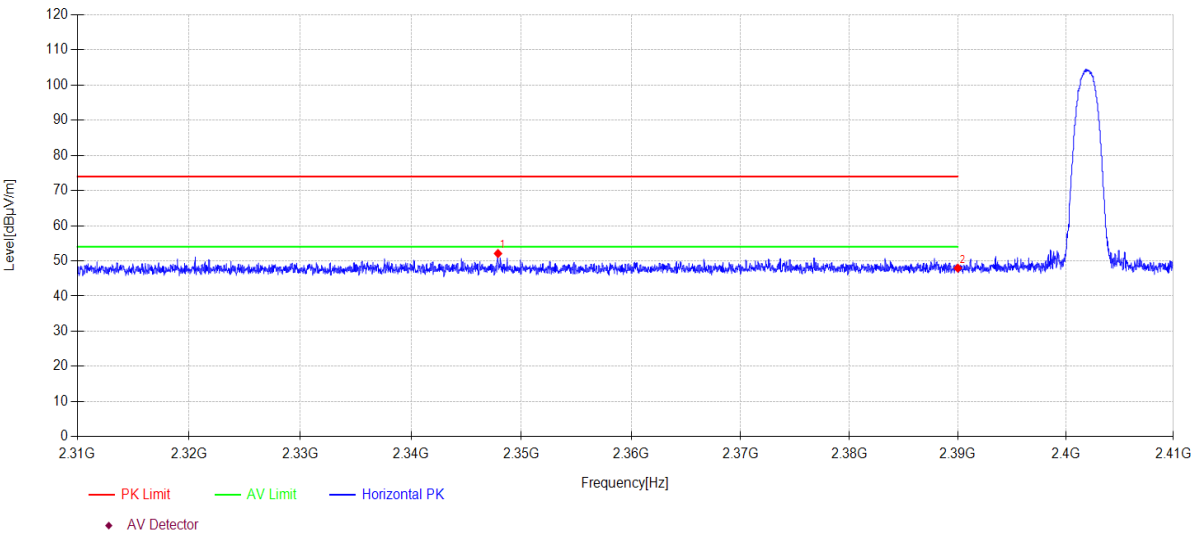
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2347.88	21.17	27.09	3.83	0.00	52.09	74.00	21.91	PK	Horizontal
2	2390.00	16.83	27.26	3.87	0.00	47.96	74.00	26.04	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

3DH5 2402MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

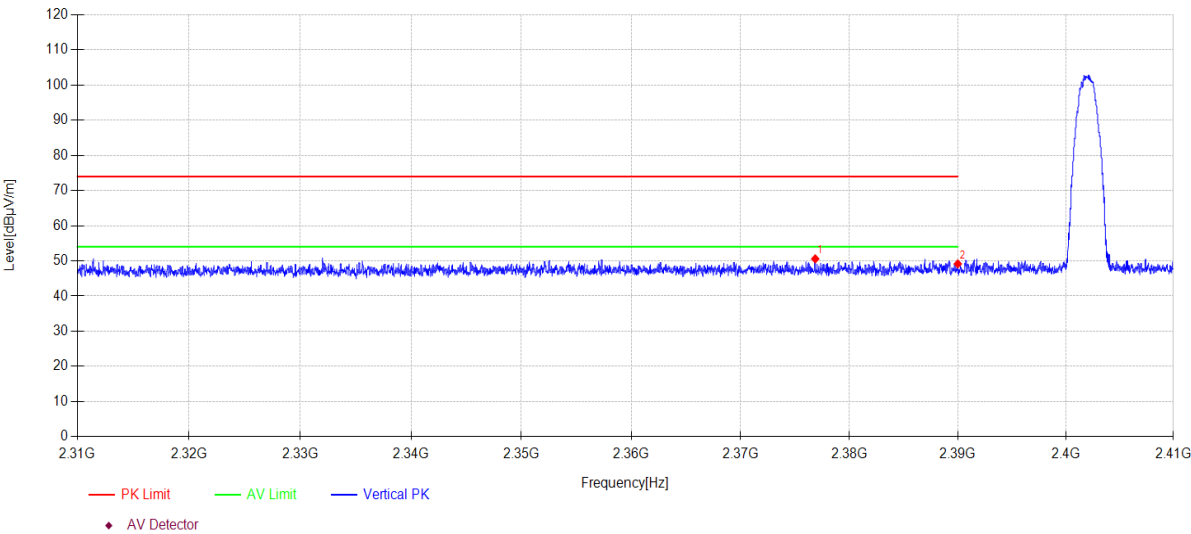
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2376.86	19.52	27.21	3.86	0.00	50.59	74.00	23.41	PK	Vertical
2	2390.00	18.03	27.26	3.87	0.00	49.16	74.00	24.84	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

DH5 2480MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

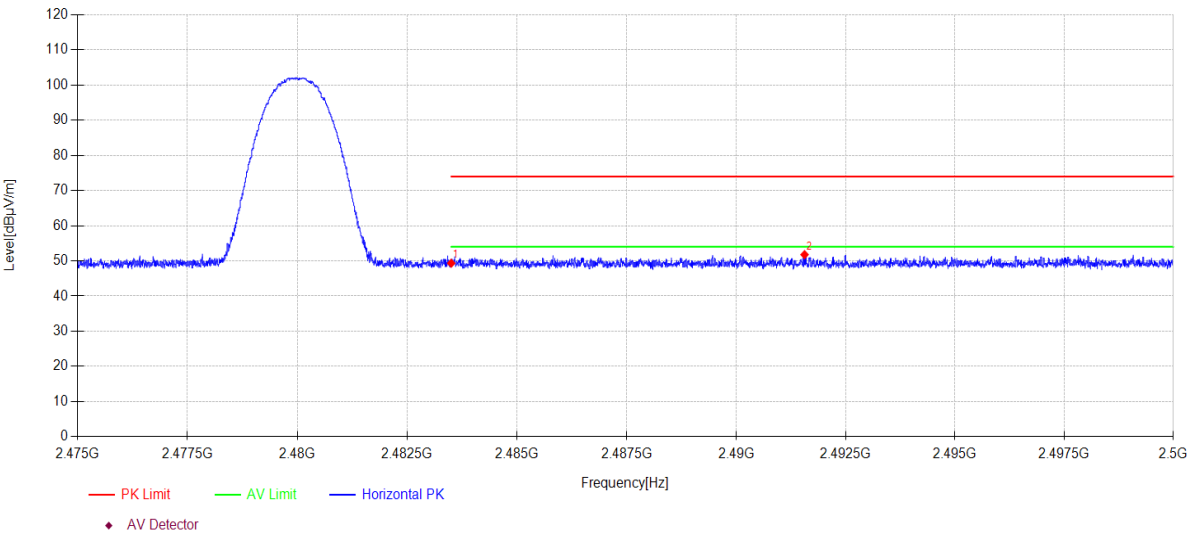
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.50	17.87	27.53	3.94	0.00	49.34	74.00	24.66	PK	Horizontal
2	2491.56	20.27	27.57	3.94	0.00	51.78	74.00	22.22	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

DH5 2480MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

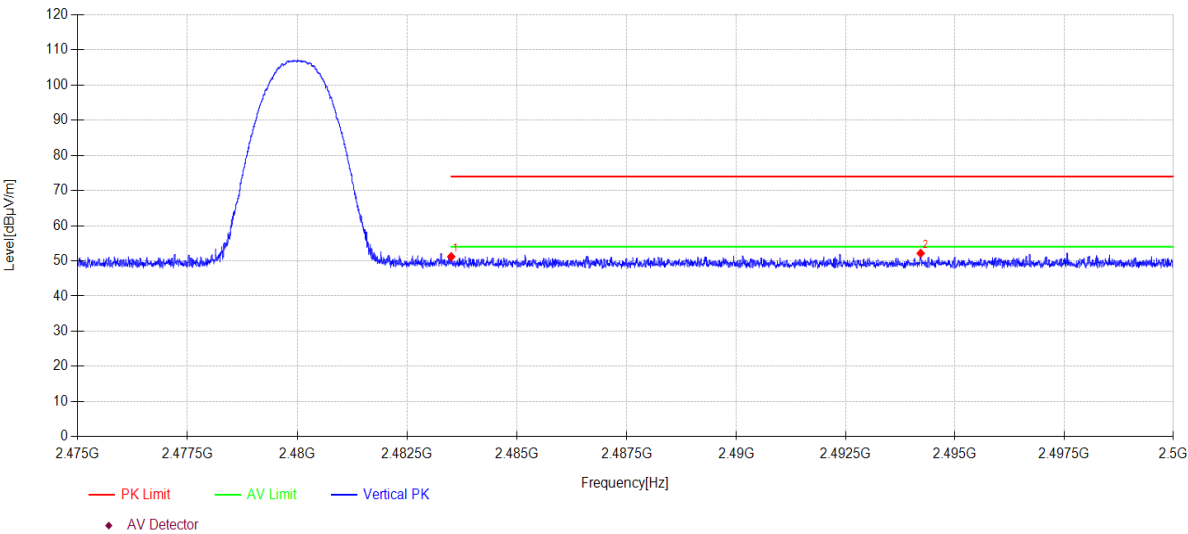
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.50	19.73	27.53	3.94	0.00	51.20	74.00	22.80	PK	Vertical
2	2494.22	20.63	27.58	3.95	0.00	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

2DH5 2480MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

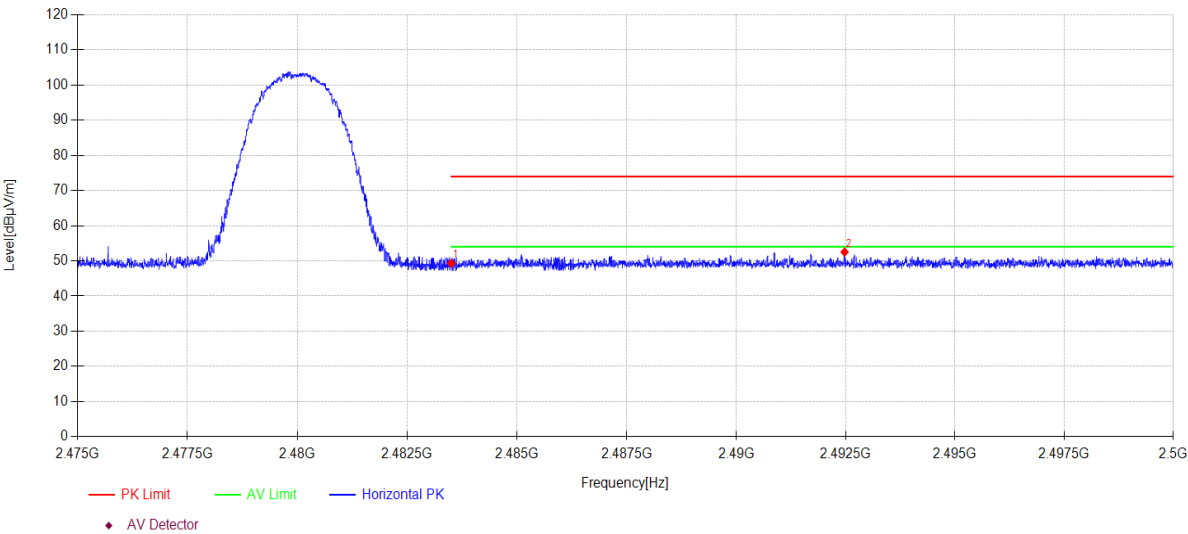
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.50	17.86	27.53	3.94	0.00	49.33	74.00	24.67	PK	Horizontal
2	2492.48	21.01	27.57	3.94	0.00	52.52	74.00	21.48	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

2DH5 2480MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

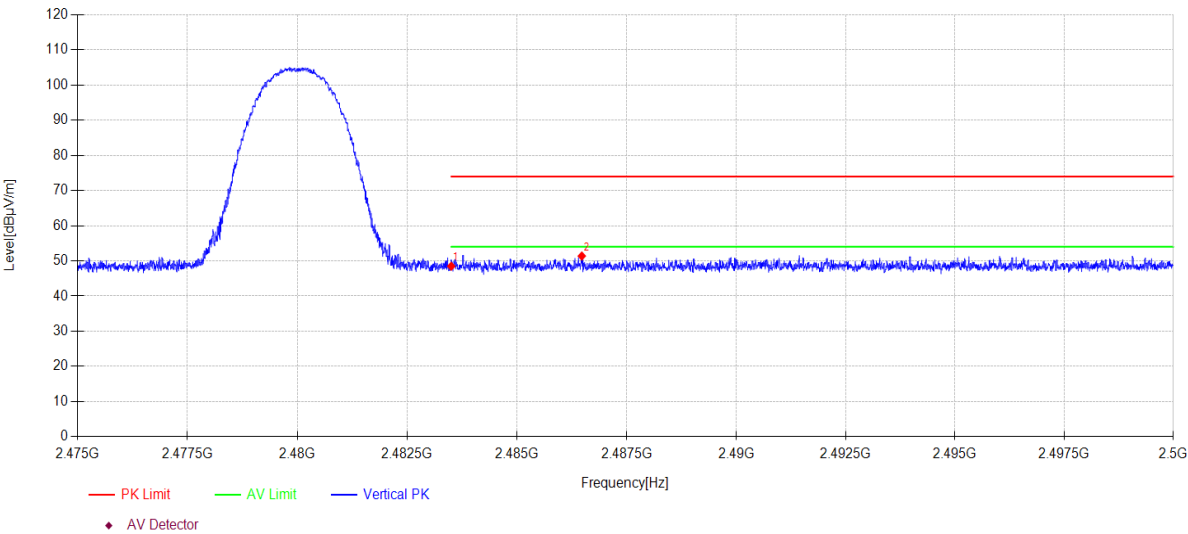
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Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.50	17.03	27.53	3.94	0.00	48.50	74.00	25.50	PK	Vertical
2	2486.48	19.89	27.55	3.94	0.00	51.38	74.00	22.62	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: 2024-01-27 Tested By: Bairong

EUT: Wireless Speaker Model Number: CHARGE 5 Wi-Fi

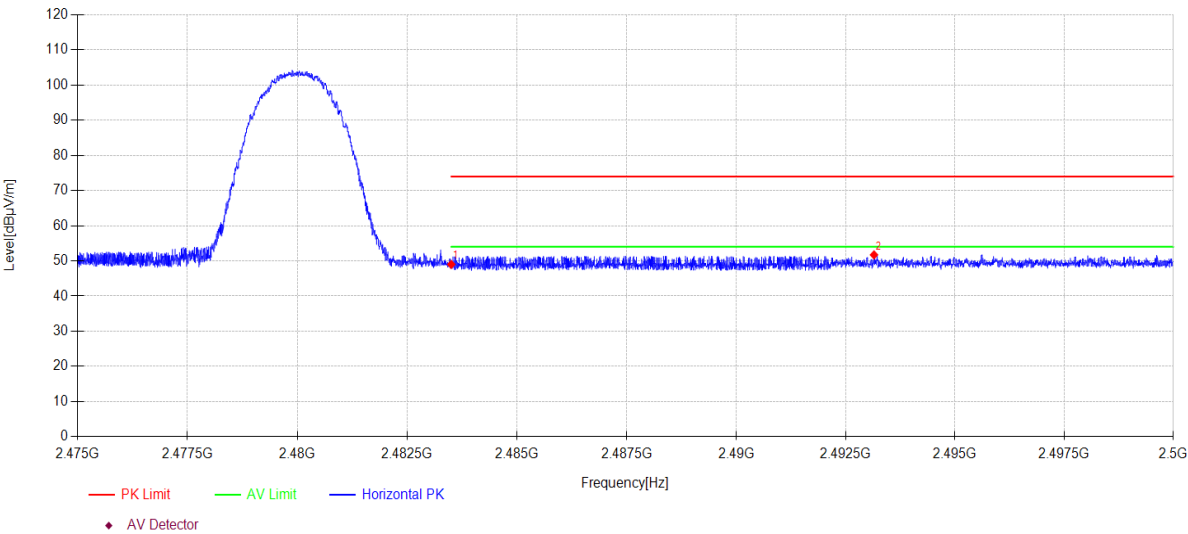
Test Mode: 3DH5 2480MHz TX Power Supply: AC 120V/60Hz

Condition: Temp:21.5°C;Humi:39.7% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G BT&BLE\17

Memo: Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2483.50	17.53	27.53	3.94	0.00	49.00	74.00	25.00	PK	Horizontal
2	2493.15	20.21	27.57	3.94	0.00	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:

2024-01-27

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

3DH5 2480MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

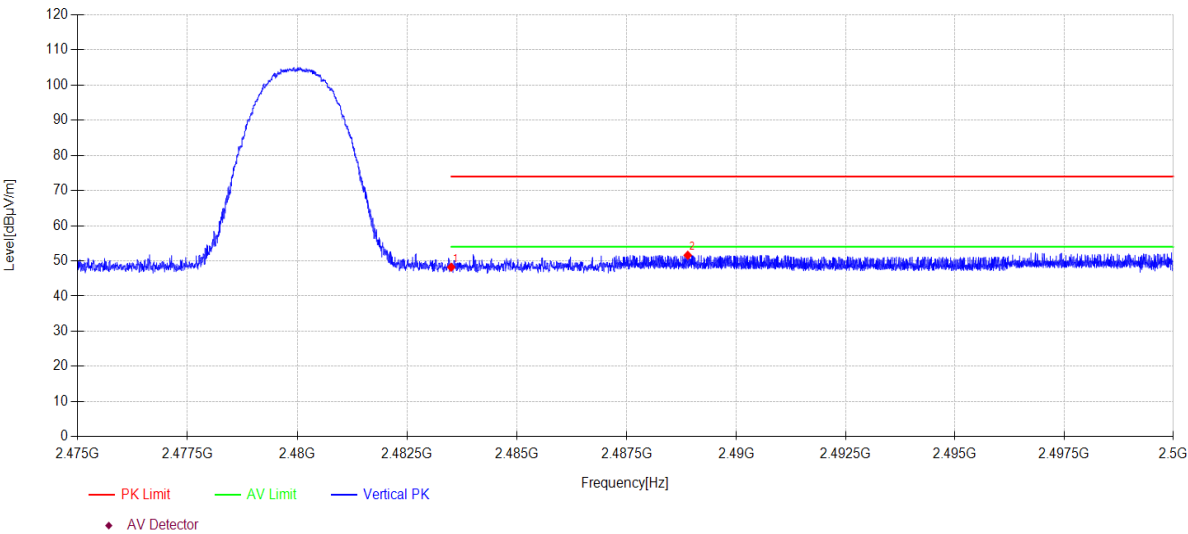
File Path:

d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G BT&BLE\18

Memo:

Sample Number:S23111313-02 Power Setting:NA

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2483.50	16.75	27.53	3.94	0.00	48.22	74.00	25.78	PK	Vertical
2	2488.89	20.10	27.56	3.94	0.00	51.60	74.00	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.

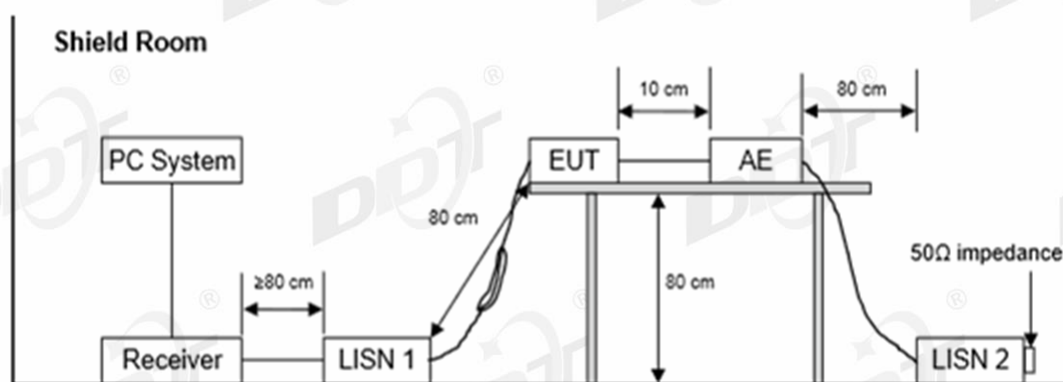
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI	DDT-ZC00235	2024/07/10
Pulse Limiter	SCHWARZBEC K	ESH3-Z2	DDT-ZC00539	2024/07/14
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2024/07/11
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2024/07/14
EMI Test Software	Audix/TW	e3	DDT-ZC01252	/
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2024/07/10

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level dB(mV)	Average Level dB(mV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

14.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: "----" means Peak detection; "----" means Average detection.

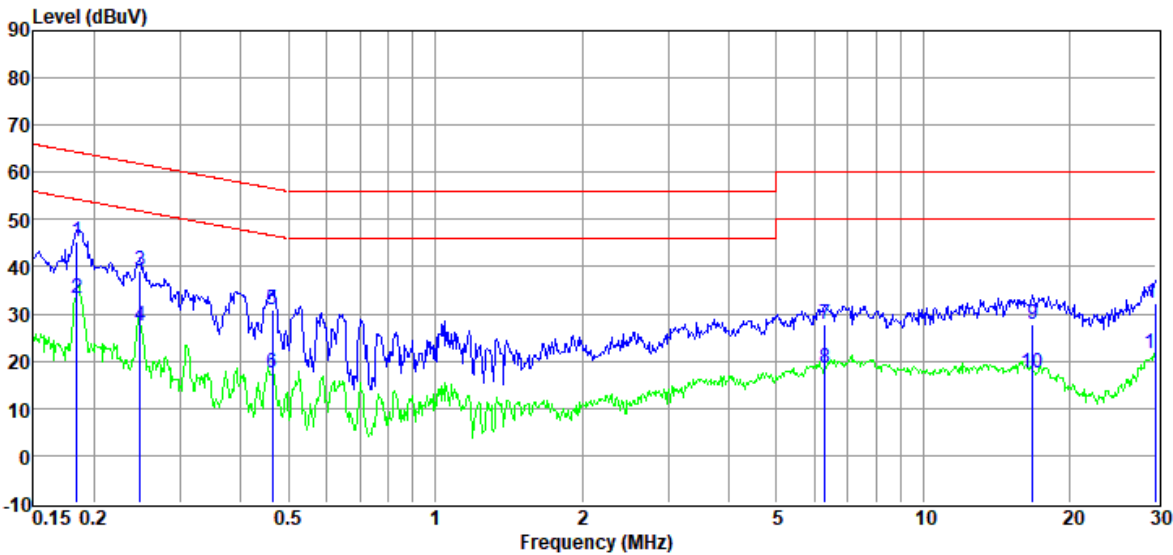
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site	: DDT 1# Shield Room	D:\2024 CE report data\Q23111313-2E CHARGE5 WIFI\FCC CE.EM6
Test Date	: 2024-02-18	Tested By : Bairong
EUT	: Wireless Speaker	Model Number : CHARGE 5 Wi-Fi
Power Supply	: AC 120V/60Hz	Test Mode : BLE 1M mode
Condition	: TEMP:22.3°C, RH:56.5%	LISN : 2023 1# ENV216/NEUTRAL
Memo	: Sample Number:S23111313-01	

Data: 6



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV)	(dBuV)	(dB)		
1	0.18	24.87	9.80	0.91	9.69	45.27	64.28	-19.01	QP	NEUTRAL
2	0.18	12.94	9.80	0.91	9.69	33.34	54.28	-20.94	Average	NEUTRAL
3	0.25	18.88	9.75	0.89	9.69	39.21	61.82	-22.61	QP	NEUTRAL
4	0.25	6.97	9.75	0.89	9.69	27.30	51.82	-24.52	Average	NEUTRAL
5	0.46	10.40	9.77	0.86	9.71	30.74	56.63	-25.89	QP	NEUTRAL
6	0.46	-2.97	9.77	0.86	9.71	17.37	46.63	-29.26	Average	NEUTRAL
7	6.29	7.59	9.79	0.47	9.80	27.65	60.00	-32.35	QP	NEUTRAL
8	6.29	-1.40	9.79	0.47	9.80	18.66	50.00	-31.34	Average	NEUTRAL
9	16.75	7.76	9.82	0.34	9.89	27.81	60.00	-32.19	QP	NEUTRAL
10	16.75	-2.42	9.82	0.34	9.89	17.63	50.00	-32.37	Average	NEUTRAL
11	30.00	11.67	10.12	0.50	9.91	32.20	60.00	-27.80	QP	NEUTRAL
12	30.00	1.15	10.12	0.50	9.91	21.68	50.00	-28.32	Average	NEUTRAL

- Note:
1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
 2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
 4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

Test Date

: 2024-02-18

EUT

: Wireless Speaker

Power Supply

: AC 120V/60Hz

Condition

: TEMP:22.3°C, RH:56.5%

Memo

: Sample Number:S23111313-01

D:\2024 CE report data\Q23111313-2E CHARGE5 WIFI\FCC CE.EM6

Tested By

: Bairong

Model Number

: CHARGE 5 Wi-Fi

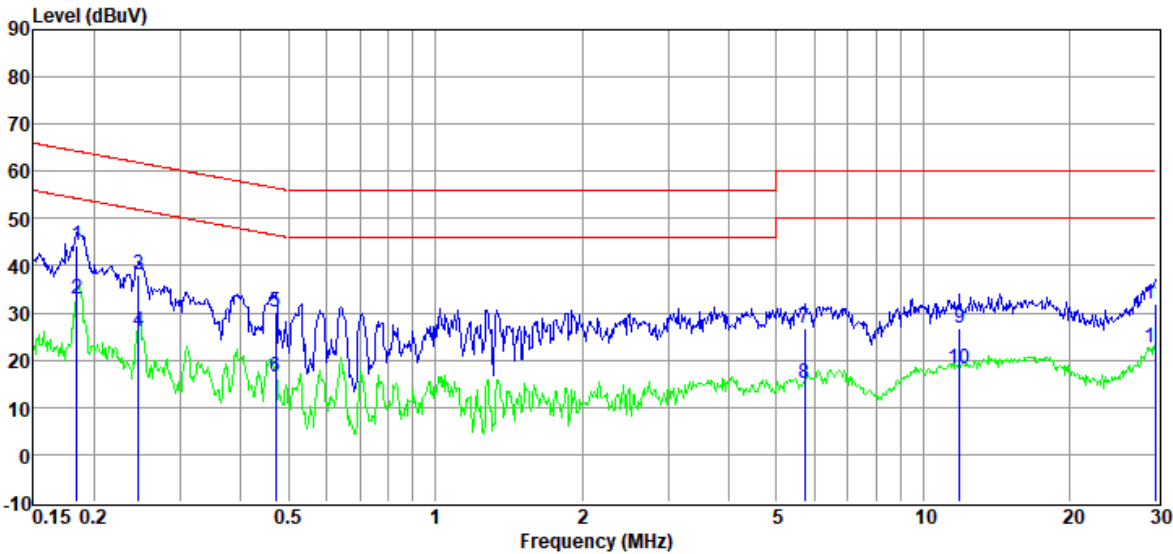
Test Mode

: BLE 1M mode

LISN

: 2023 1# ENV216/LINE

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.18	24.08	9.75	0.91	9.69	44.43	64.28	-19.85	QP	LINE
2	0.18	12.48	9.75	0.91	9.69	32.83	54.28	-21.45	Average	LINE
3	0.25	17.87	9.82	0.89	9.69	38.27	61.86	-23.59	QP	LINE
4	0.25	5.63	9.82	0.89	9.69	26.03	51.86	-25.83	Average	LINE
5	0.47	9.85	9.80	0.86	9.71	30.22	56.49	-26.27	QP	LINE
6	0.47	-3.76	9.80	0.86	9.71	16.61	46.49	-29.88	Average	LINE
7	5.71	6.74	9.71	0.49	9.80	26.74	60.00	-33.26	QP	LINE
8	5.71	-5.04	9.71	0.49	9.80	14.96	50.00	-35.04	Average	LINE
9	11.87	7.09	9.80	0.18	9.84	26.91	60.00	-33.09	QP	LINE
10	11.87	-1.70	9.80	0.18	9.84	18.12	50.00	-31.88	Average	LINE
11	29.84	11.41	10.20	0.50	9.91	32.02	60.00	-27.98	QP	LINE
12	29.84	1.91	10.20	0.50	9.91	22.52	50.00	-27.48	Average	LINE

Note:

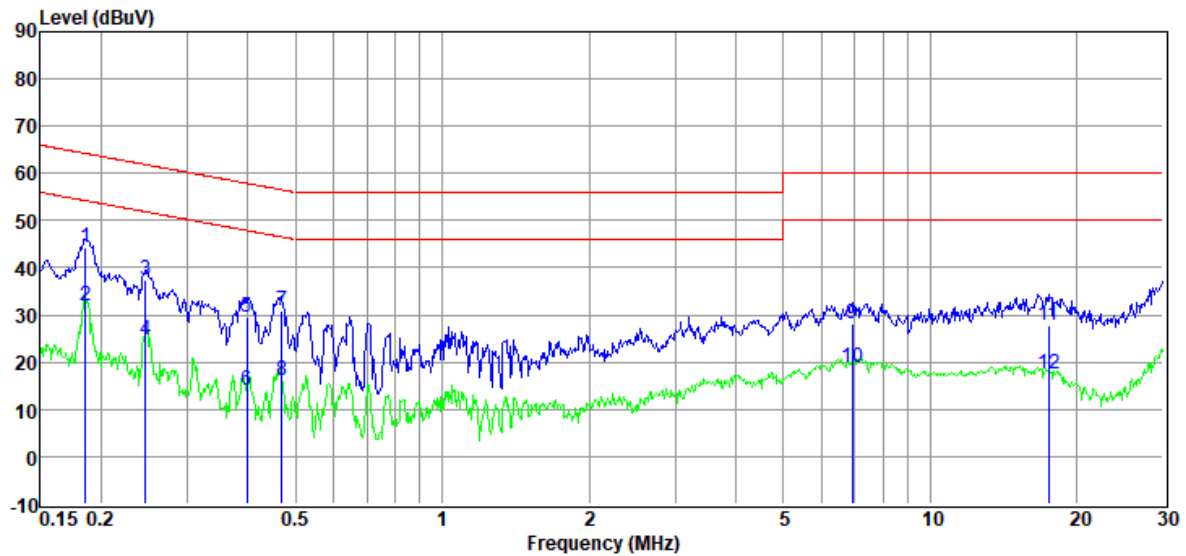
- Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
- If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2024-02-18
EUT : Wireless Speaker
Power Supply : AC 120V/60Hz
Condition : TEMP:22.3°C, RH:56.5%
Memo : Sample Number:S23111313-01

D:\2024 CE report data\Q23111313-2E CHARGE5 WIFI\FCC
CE.EM6
Tested By : Bairong
Model Number : CHARGE 5 Wi-Fi
Test Mode : BLE 2M mode
LISN : 2023 1# ENV216/NEUTRAL

Data: 10



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBuV)	Limit Line (dBuV)	Over Limit (dB)	Detector	Phase
1	0.19	23.84	9.79	0.91	9.69	44.23	64.24	-20.01	QP	NEUTRAL
2	0.19	11.69	9.79	0.91	9.69	32.08	54.24	-22.16	Average	NEUTRAL
3	0.25	17.04	9.75	0.89	9.69	37.37	61.86	-24.49	QP	NEUTRAL
4	0.25	4.52	9.75	0.89	9.69	24.85	51.86	-27.01	Average	NEUTRAL
5	0.40	9.13	9.72	0.85	9.71	29.41	57.90	-28.49	QP	NEUTRAL
6	0.40	-6.20	9.72	0.85	9.71	14.08	47.90	-33.82	Average	NEUTRAL
7	0.47	10.65	9.78	0.86	9.71	31.00	56.54	-25.54	QP	NEUTRAL
8	0.47	-4.16	9.78	0.86	9.71	16.19	46.54	-30.35	Average	NEUTRAL
9	6.91	8.10	9.82	0.45	9.81	28.18	60.00	-31.82	QP	NEUTRAL
10	6.91	-1.20	9.82	0.45	9.81	18.88	50.00	-31.12	Average	NEUTRAL
11	17.48	7.84	9.83	0.34	9.90	27.91	60.00	-32.09	QP	NEUTRAL
12	17.48	-2.60	9.83	0.34	9.90	17.47	50.00	-32.53	Average	NEUTRAL

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

Test Date

: 2024-02-18

EUT

: Wireless Speaker

Power Supply

: AC 120V/60Hz

Condition

: TEMP:22.3°C, RH:56.5%

Memo

: Sample Number:S23111313-01

D:\2024 CE report data\Q23111313-2E CHARGE5 WIFI\FCC CE.EM6

Tested By

: Bairong

Model Number

: CHARGE 5 Wi-Fi

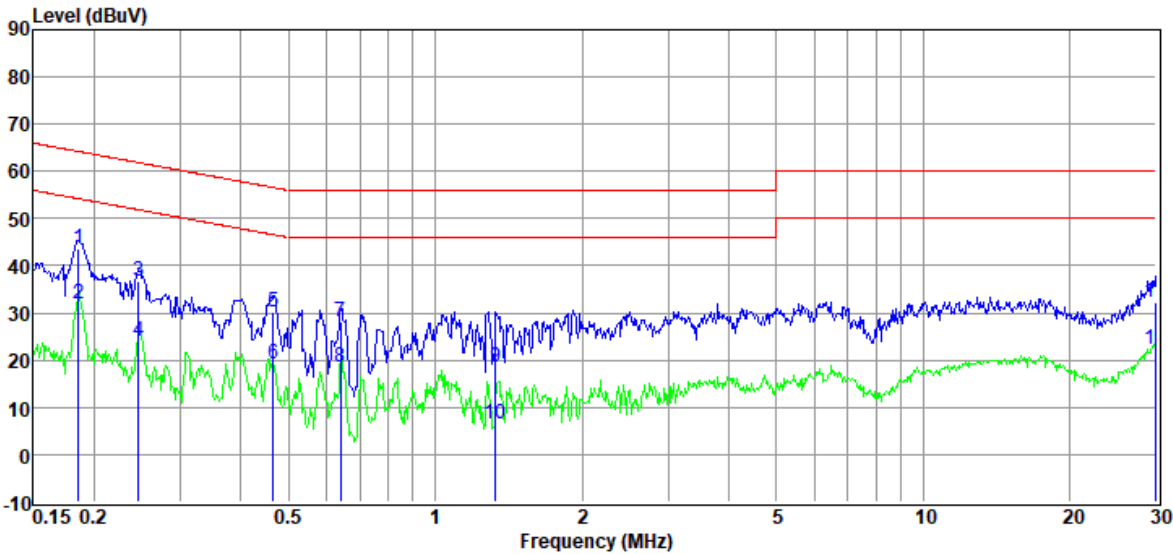
Test Mode

: BLE 2M mode

LISN

: 2023 1# ENV216/LINE

Data: 12



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.19	23.16	9.75	0.91	9.69	43.51	64.24	-20.73	QP	LINE
2	0.19	11.54	9.75	0.91	9.69	31.89	54.24	-22.35	Average	LINE
3	0.25	16.41	9.82	0.89	9.69	36.81	61.86	-25.05	QP	LINE
4	0.25	3.64	9.82	0.89	9.69	24.04	51.86	-27.82	Average	LINE
5	0.47	9.67	9.80	0.86	9.71	30.04	56.58	-26.54	QP	LINE
6	0.47	-1.28	9.80	0.86	9.71	19.09	46.58	-27.49	Average	LINE
7	0.64	7.99	9.77	0.80	9.72	28.28	56.00	-27.72	QP	LINE
8	0.64	-1.92	9.77	0.80	9.72	18.37	46.00	-27.63	Average	LINE
9	1.33	-1.45	9.66	0.66	9.74	18.61	56.00	-37.39	QP	LINE
10	1.33	-13.51	9.66	0.66	9.74	6.55	46.00	-39.45	Average	LINE
11	29.84	11.56	10.20	0.50	9.91	32.17	60.00	-27.83	QP	LINE
12	29.84	1.79	10.20	0.50	9.91	22.40	50.00	-27.60	Average	LINE

- Note:
1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.