

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

Tx mode

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

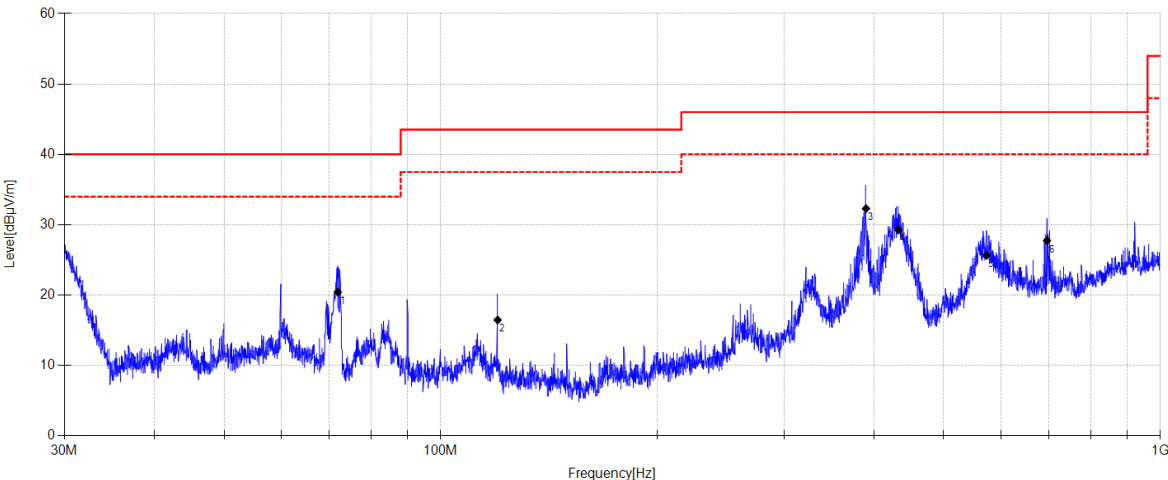
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Charge5 WIFI Gen2\FCC Below 1G\20241116-080951_V

Memo:

Sample Number: S24121719-006



Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	71.971	37.89	9.60	4.03	20.42	40.00	19.58	QP	Vertical
2	119.991	33.25	10.00	4.33	16.46	43.50	27.04	QP	Vertical
3	389.975	42.35	15.80	5.58	32.29	46.00	13.71	QP	Vertical
4	432.315	39.22	15.79	5.74	29.28	46.00	16.72	QP	Vertical
5	573.482	32.52	18.37	6.27	25.66	46.00	20.34	QP	Vertical
6	695.930	32.89	19.68	6.68	27.75	46.00	18.25	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

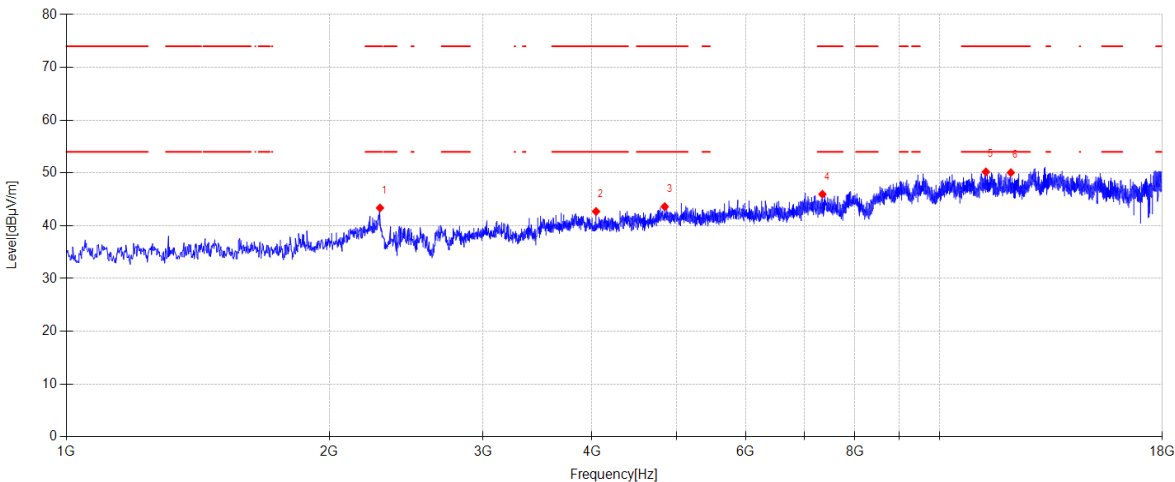
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d:\ts\2024 report data\Charge5 WIFI Gen2\FCC Above 2.4G\55

Memo:

Sample Number: S24121719-006

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	2286.900	50.21	26.93	4.77	-38.54	43.37	74.00	30.63	PK	Horizontal
2	4043.000	46.31	30.99	5.08	-39.68	42.70	74.00	31.30	PK	Horizontal
3	4845.400	43.99	33.68	5.56	-39.61	43.62	74.00	30.38	PK	Horizontal
4	7344.400	43.23	36.81	6.62	-40.69	45.97	74.00	28.03	PK	Horizontal
5	11302.000	41.98	39.20	8.32	-39.30	50.20	74.00	23.80	PK	Horizontal
6	12072.100	41.98	39.27	8.80	-39.99	50.06	74.00	23.94	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

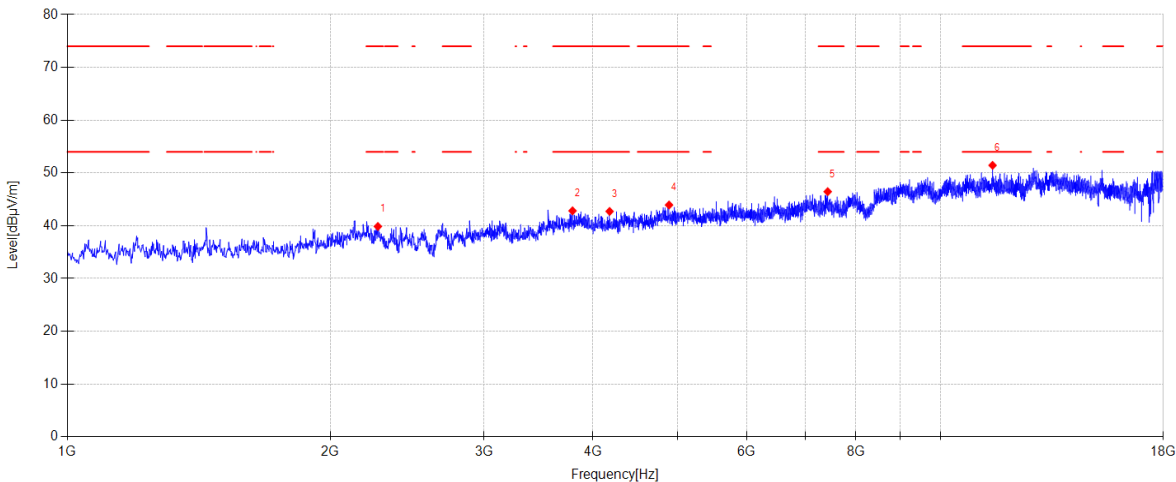
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Memo:

Sample Number: S24121719-006

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	2268.200	46.50	27.12	4.76	-38.52	39.86	74.00	34.14	PK	Vertical
2	3789.700	46.70	30.66	5.09	-39.63	42.82	74.00	31.18	PK	Vertical
3	4179.000	46.03	31.20	5.16	-39.67	42.72	74.00	31.28	PK	Vertical
4	4887.900	44.77	33.19	5.58	-39.61	43.93	74.00	30.07	PK	Vertical
5	7427.700	43.77	36.64	6.67	-40.62	46.46	74.00	27.54	PK	Vertical
6	11473.700	43.25	39.23	8.43	-39.47	51.44	74.00	22.56	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2437 MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

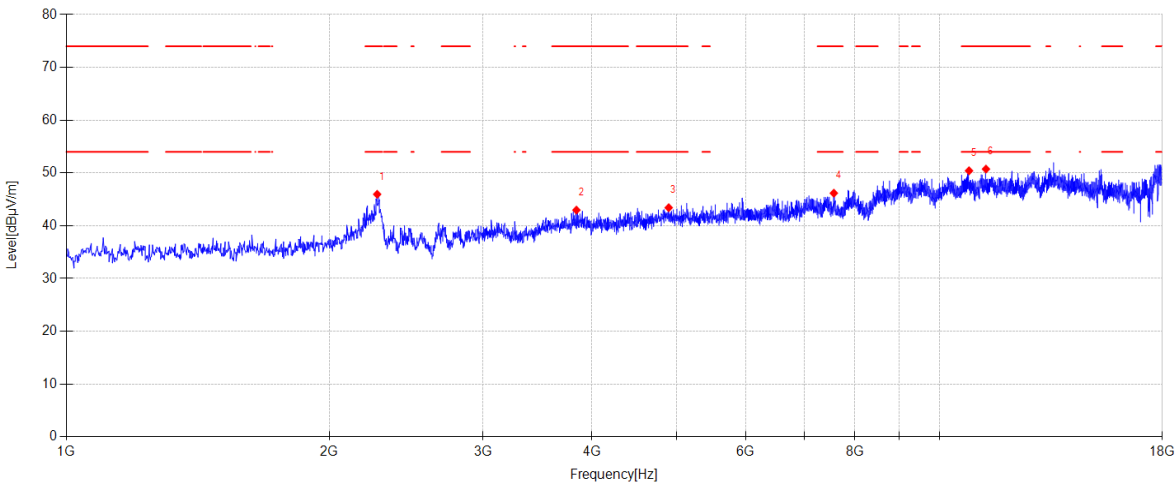
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Memo:

Sample Number: S24121719-006

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	2269.900	52.62	27.10	4.76	-38.52	45.96	74.00	28.04	PK	Horizontal
2	3839.000	46.67	30.86	5.08	-39.64	42.97	74.00	31.03	PK	Horizontal
3	4896.400	44.38	33.06	5.59	-39.61	43.42	74.00	30.58	PK	Horizontal
4	7568.800	43.48	36.44	6.74	-40.49	46.17	74.00	27.83	PK	Horizontal
5	10810.700	42.09	39.39	8.04	-39.11	50.41	74.00	23.59	PK	Horizontal
6	11305.400	42.52	39.21	8.32	-39.31	50.74	74.00	23.26	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2437 MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

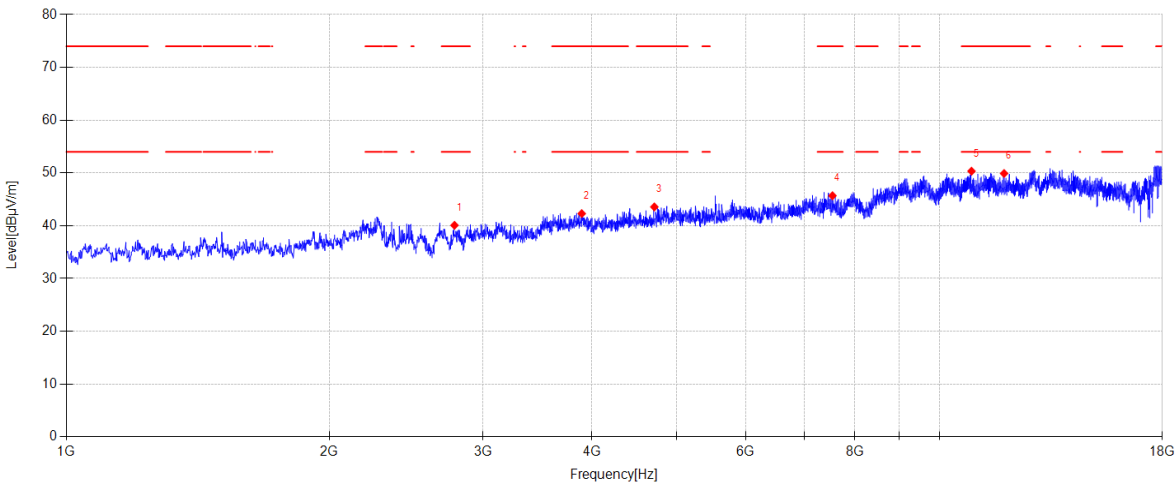
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Memo:

Sample Number: S24121719-006

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	2783.300	46.70	27.47	5.08	-39.17	40.08	74.00	33.92	PK	Vertical
2	3893.400	45.72	31.16	5.07	-39.65	42.30	74.00	31.70	PK	Vertical
3	4714.500	45.47	32.23	5.48	-39.62	43.56	74.00	30.44	PK	Vertical
4	7541.600	43.04	36.42	6.73	-40.51	45.68	74.00	28.32	PK	Vertical
5	10882.100	42.02	39.32	8.07	-39.07	50.34	74.00	23.66	PK	Vertical
6	11857.900	42.19	38.90	8.67	-39.86	49.90	74.00	24.10	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2462 MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

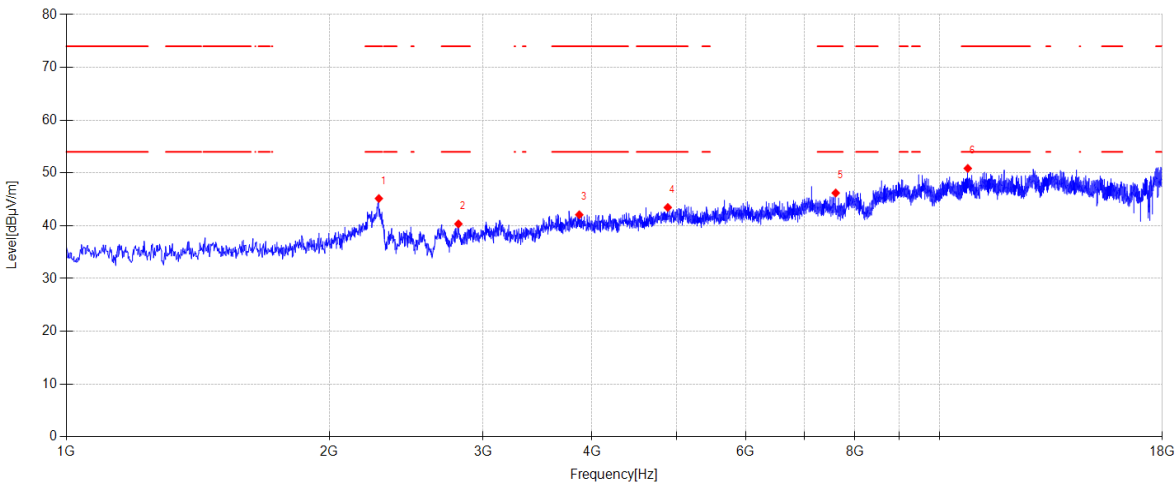
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Memo:

Sample Number: S24121719-006

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	2280.100	51.92	27.00	4.77	-38.53	45.16	74.00	28.84	PK	Horizontal
2	2812.200	46.94	27.50	5.10	-39.20	40.34	74.00	33.66	PK	Horizontal
3	3867.900	45.65	31.01	5.07	-39.65	42.08	74.00	31.92	PK	Horizontal
4	4884.500	44.24	33.25	5.58	-39.61	43.46	74.00	30.54	PK	Horizontal
5	7606.200	43.38	36.51	6.76	-40.45	46.20	74.00	27.80	PK	Horizontal
6	10775.000	42.58	39.40	8.02	-39.14	50.86	74.00	23.14	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2462 MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

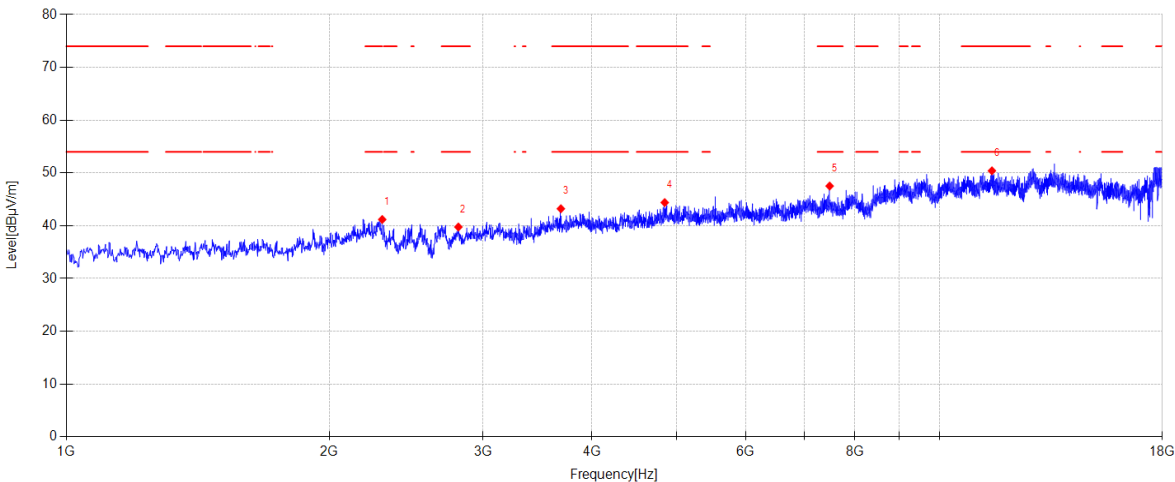
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Memo:

Sample Number: S24121719-006

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	2300.500	48.16	26.80	4.78	-38.56	41.18	-	-	PK	Vertical
2	2812.200	46.36	27.50	5.10	-39.20	39.76	74.00	34.24	PK	Vertical
3	3684.300	47.38	30.34	5.10	-39.60	43.22	74.00	30.78	PK	Vertical
4	4845.400	44.76	33.68	5.56	-39.61	44.39	74.00	29.61	PK	Vertical
5	7485.500	44.85	36.53	6.70	-40.56	47.52	74.00	26.48	PK	Vertical
6	11483.900	42.24	39.22	8.43	-39.48	50.41	74.00	23.59	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.

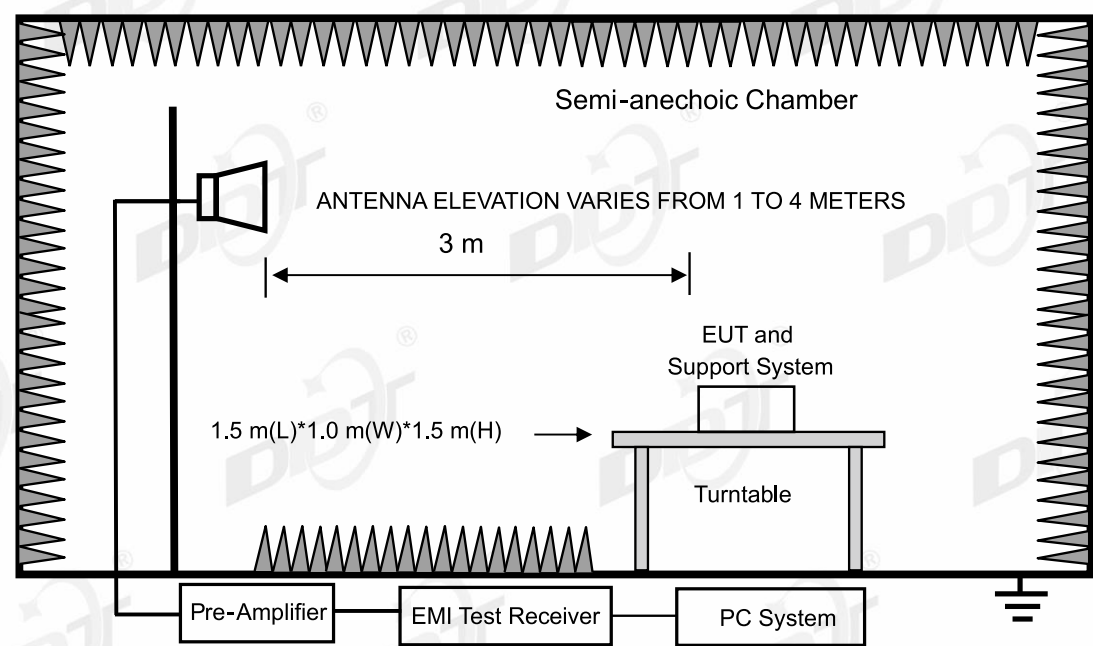
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13.Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	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:

2024-11-06

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11B 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

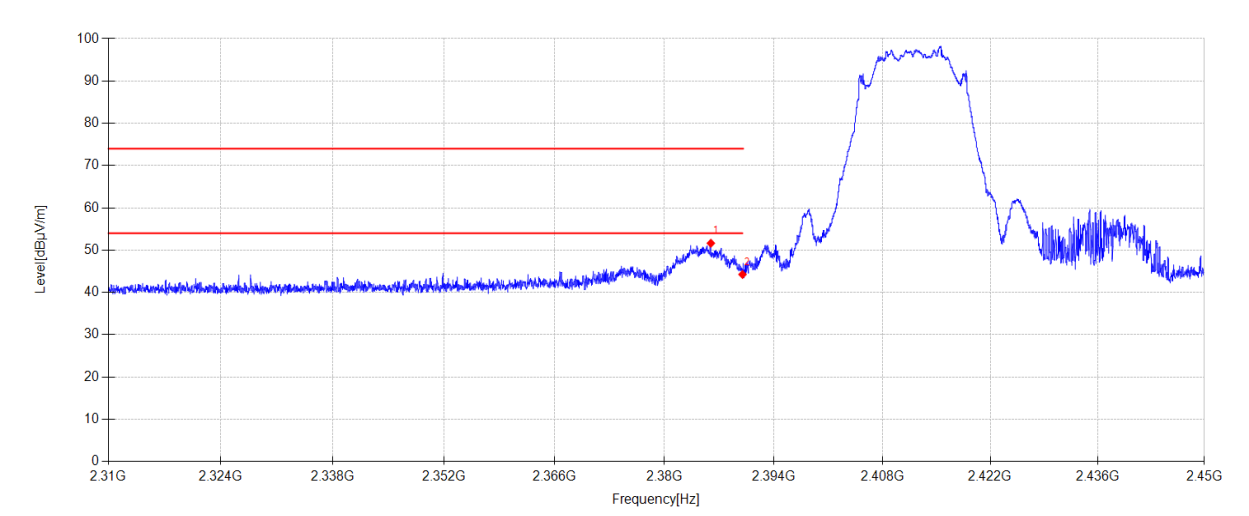
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Memo:

Sample Number: S24121719-006

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	2385.950	20.83	27.24	3.57	0.00	51.64	74.00	22.36	PK	Horizontal
2	2390.000	13.43	27.26	3.57	0.00	44.26	74.00	29.74	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:

2024-11-06

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11B 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

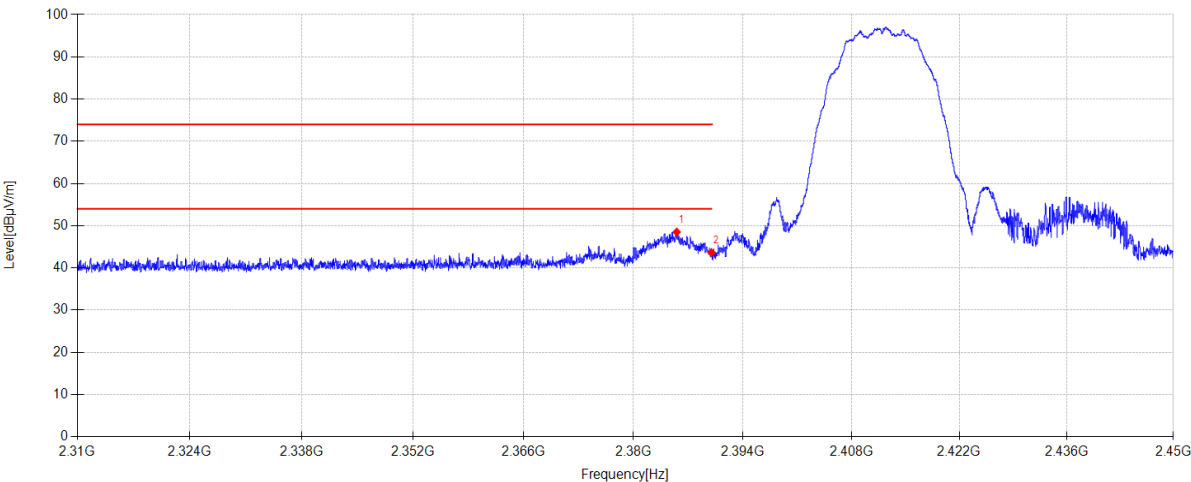
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Memo:

Sample Number: S24121719-006

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	2385.544	17.70	27.24	3.57	0.00	48.51	74.00	25.49	PK	Vertical
2	2390.000	12.83	27.26	3.57	0.00	43.66	74.00	30.34	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-06

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11B 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

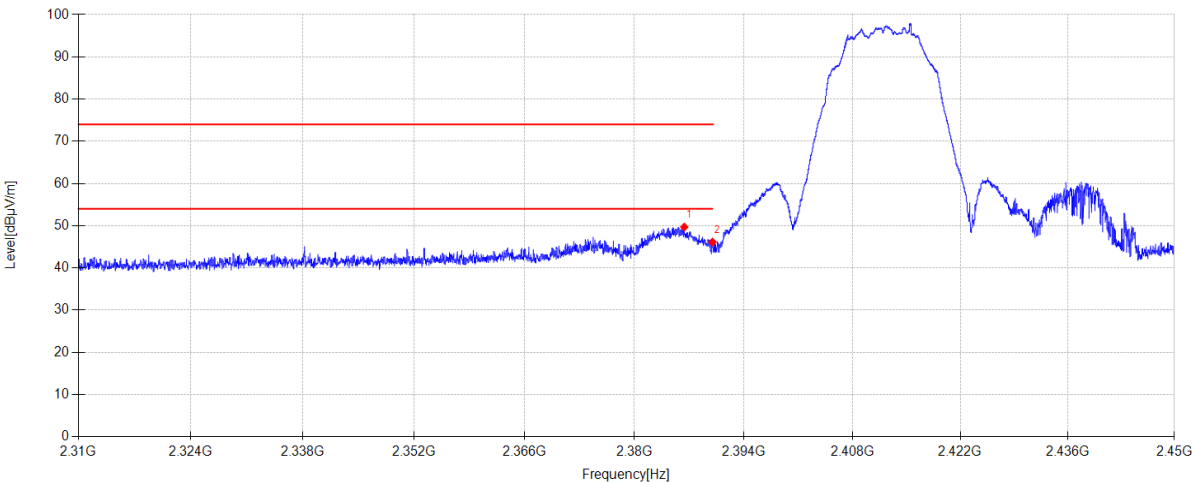
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Memo:

Sample Number: S24121719-006

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	2386.384	18.87	27.25	3.57	0.00	49.69	74.00	24.31	PK	Horizontal
2	2390.000	15.30	27.26	3.57	0.00	46.13	74.00	27.87	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:

2024-11-06

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11B 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

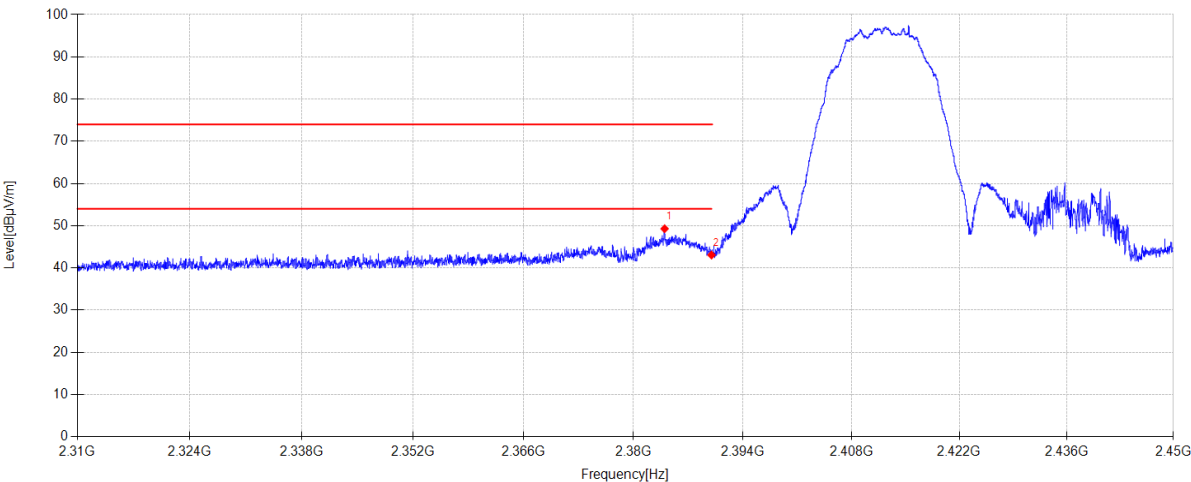
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Memo:

Sample Number: S24121719-006

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	2383.990	18.48	27.24	3.57	0.00	49.29	74.00	24.71	PK	Vertical
2	2390.000	12.24	27.26	3.57	0.00	43.07	74.00	30.93	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:

2024-11-06

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11B 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

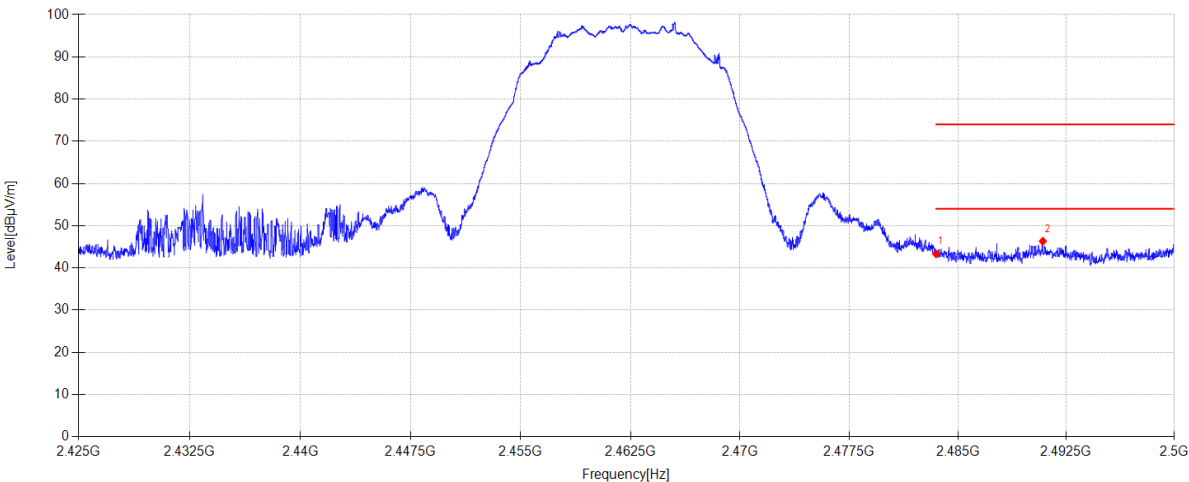
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Memo:

Sample Number: S24121719-006

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	2483.500	12.18	27.53	3.62	0.00	43.33	74.00	30.67	PK	Horizontal
2	2490.880	15.15	27.56	3.62	0.00	46.33	74.00	27.67	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:

2024-11-06

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11B 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

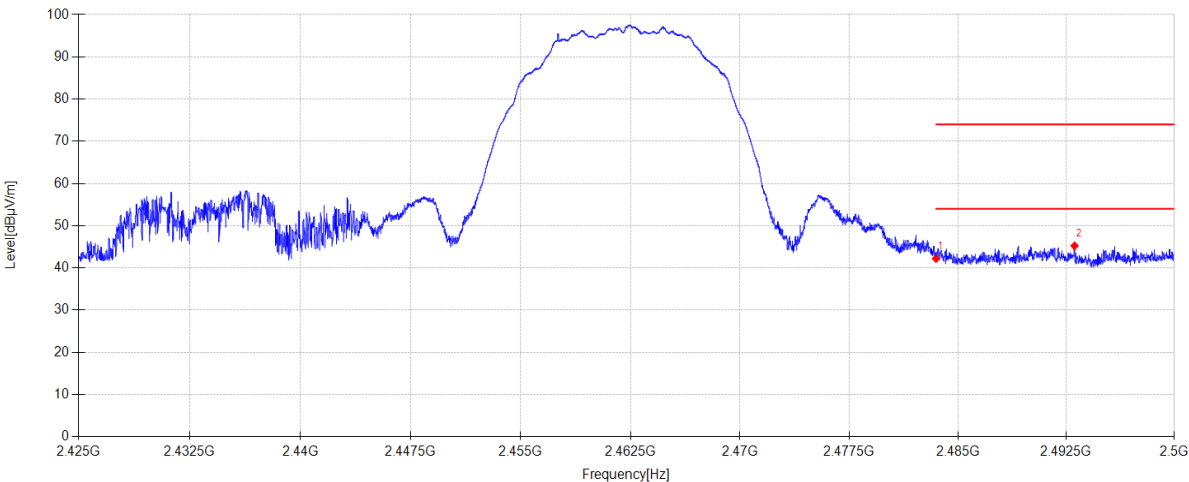
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Memo:

Sample Number: S24121719-006

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	2483.500	11.07	27.53	3.62	0.00	42.22	74.00	31.78	PK	Vertical
2	2493.078	14.04	27.57	3.63	0.00	45.24	74.00	28.76	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:

2024-11-06

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11B 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

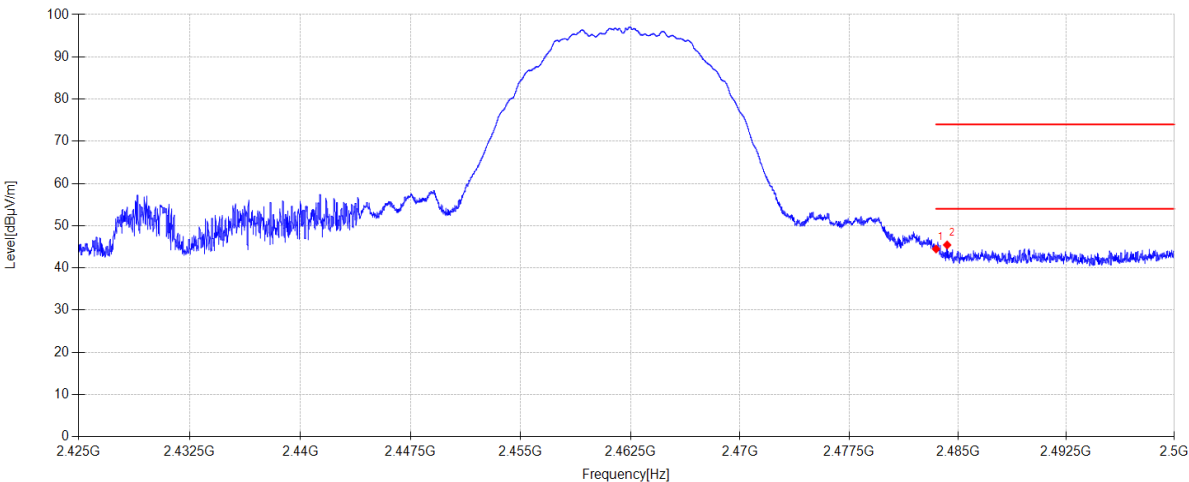
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Memo:

Sample Number: S24121719-006

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	2483.500	13.34	27.53	3.62	0.00	44.49	74.00	29.51	PK	Horizontal
2	2484.265	14.28	27.54	3.62	0.00	45.44	74.00	28.56	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:

2024-11-06

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11B 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

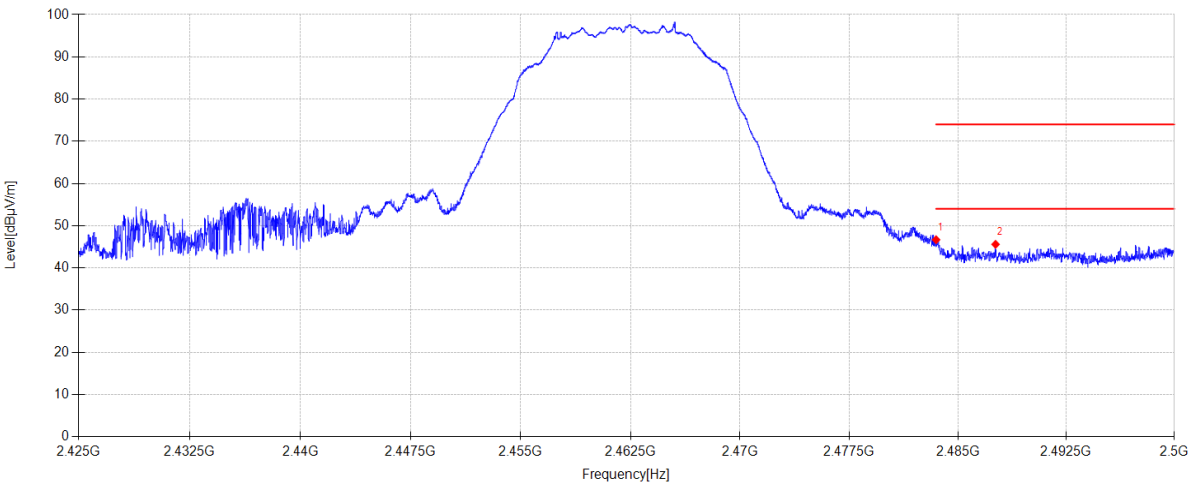
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Memo:

Sample Number: S24121719-006

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	2483.500	15.53	27.53	3.62	0.00	46.68	74.00	27.32	PK	Vertical
2	2487.610	14.42	27.55	3.62	0.00	45.59	74.00	28.41	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:

2024-11-06

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11G 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

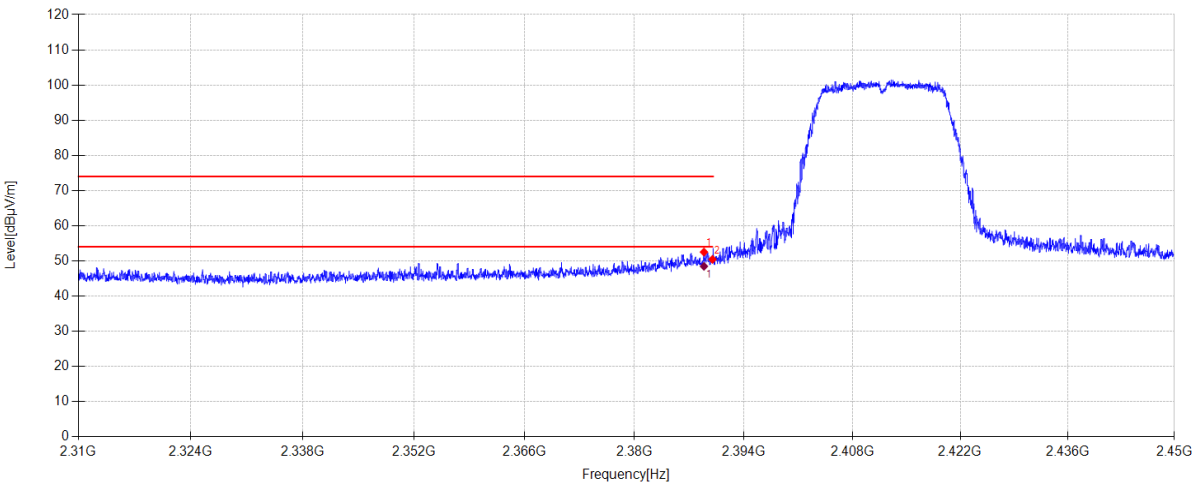
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Memo:

Sample Number: S24121719-006

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	2388.904	21.69	27.26	3.57	0.00	52.52	74.00	21.48	PK	Horizontal
2	2390.000	19.61	27.26	3.57	0.00	50.44	74.00	23.56	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2388.904	17.64	27.26	3.57	48.47	54.00	5.53	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:

2024-11-06

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11G 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

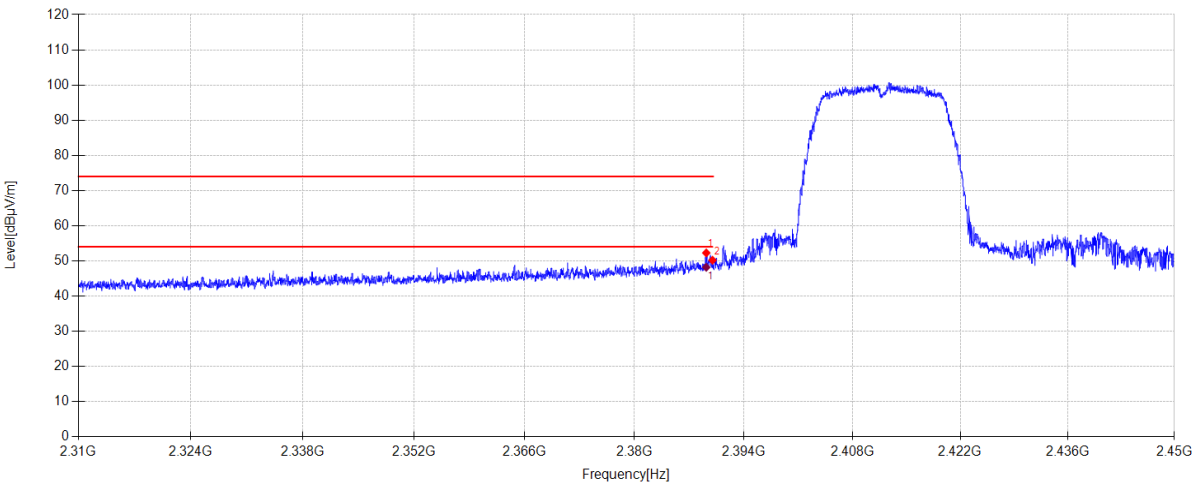
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Memo:

Sample Number: S24121719-006

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	2389.198	21.44	27.26	3.57	0.00	52.27	74.00	21.73	PK	Vertical
2	2390.000	19.35	27.26	3.57	0.00	50.18	74.00	23.82	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2389.198	17.35	27.26	3.57	48.18	54.00	5.82	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:

2024-11-06

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11G 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

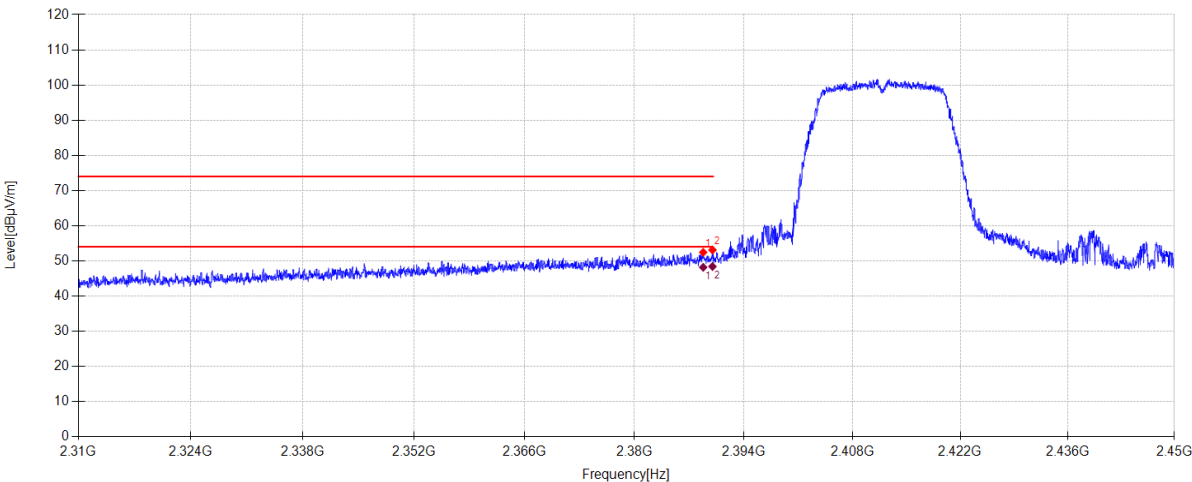
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Memo:

Sample Number: S24121719-006

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	2388.806	21.61	27.26	3.57	0.00	52.44	74.00	21.56	PK	Horizontal
2	2390.000	22.28	27.26	3.57	0.00	53.11	74.00	20.89	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2388.806	17.35	27.26	3.57	48.18	54.00	5.82	AV	Horizontal	
2	2390.000	17.58	27.26	3.57	48.41	54.00	5.59	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:

2024-11-06

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11G 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

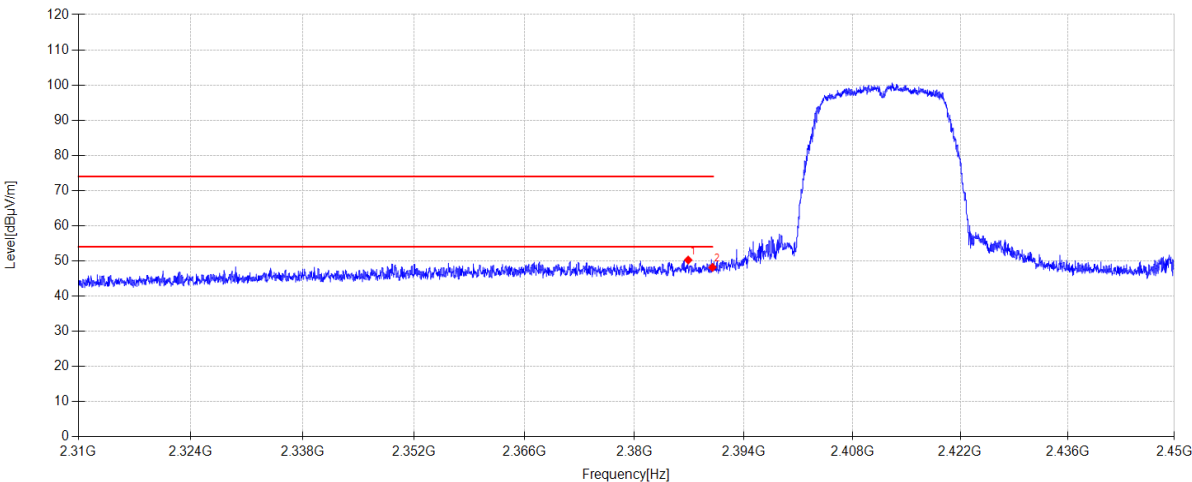
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Memo:

Sample Number: S24121719-006

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	2386.888	19.43	27.25	3.57	0.00	50.25	74.00	23.75	PK	Vertical
2	2390.000	17.33	27.26	3.57	0.00	48.16	74.00	25.84	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:

2024-11-06

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11G 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

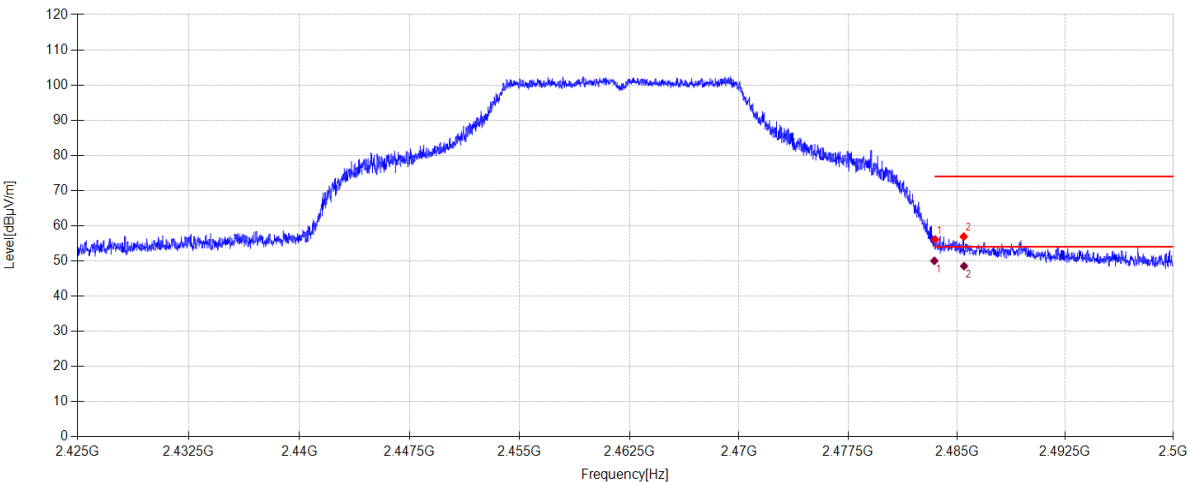
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Memo:

Sample Number: S24121719-006

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	2483.500	24.94	27.53	3.62	0.00	56.09	74.00	17.91	PK	Horizontal
2	2485.480	25.74	27.54	3.62	0.00	56.90	74.00	17.10	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.450	18.87	27.53	3.62	50.02	54.00	3.98	AV	Horizontal	
2	2485.502	17.35	27.54	3.62	48.51	54.00	5.49	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:

2024-11-06

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11G 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

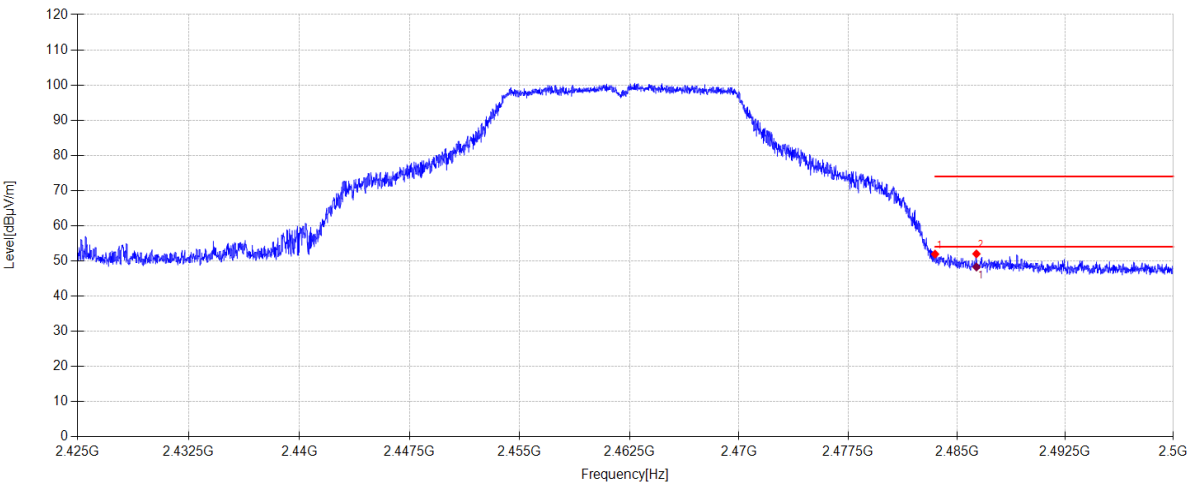
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Memo:

Sample Number: S24121719-006

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	2483.500	20.78	27.53	3.62	0.00	51.93	74.00	22.07	PK	Vertical
2	2486.358	20.84	27.55	3.62	0.00	52.01	74.00	21.99	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2486.358	17.09	27.55	3.62	48.26	54.00	5.74	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:

2024-11-06

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11G 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

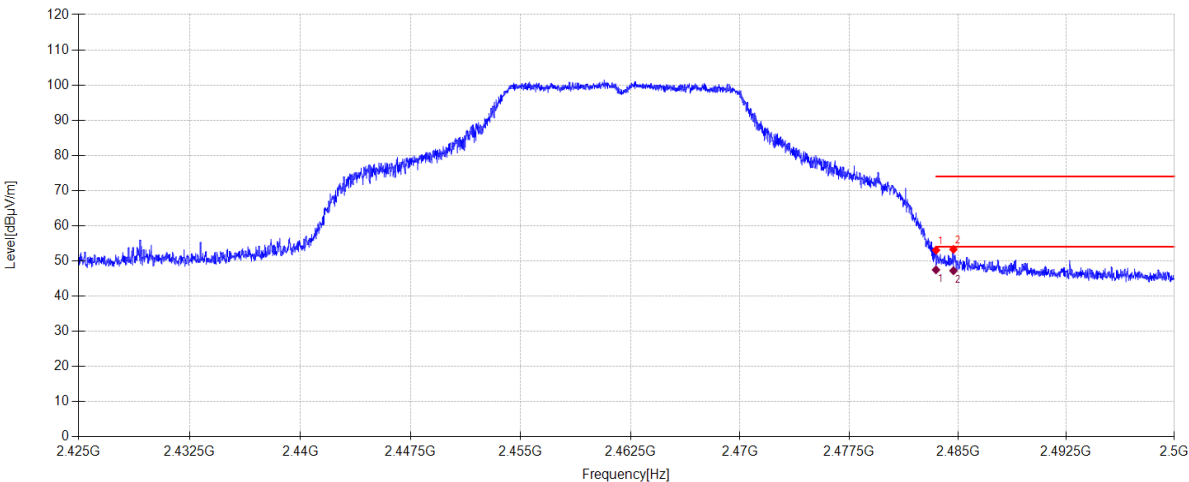
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Memo:

Sample Number: S24121719-006

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	2483.500	21.90	27.53	3.62	0.00	53.05	74.00	20.95	PK	Horizontal
2	2484.700	22.11	27.54	3.62	0.00	53.27	74.00	20.73	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.496	16.31	27.53	3.62	47.46	54.00	6.54	AV	Horizontal	
2	2484.700	16.04	27.54	3.62	47.20	54.00	6.80	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:

2024-11-06

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11G 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

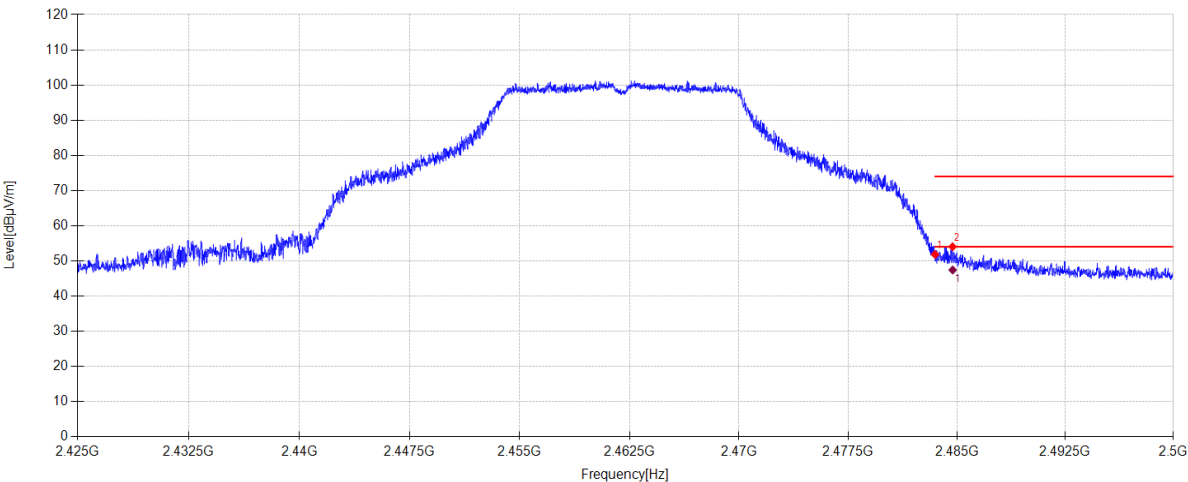
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Memo:

Sample Number: S24121719-006

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	2483.500	20.68	27.53	3.62	0.00	51.83	74.00	22.17	PK	Vertical
2	2484.708	22.86	27.54	3.62	0.00	54.02	74.00	19.98	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2484.713	16.25	27.54	3.62	47.41	54.00	6.59	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

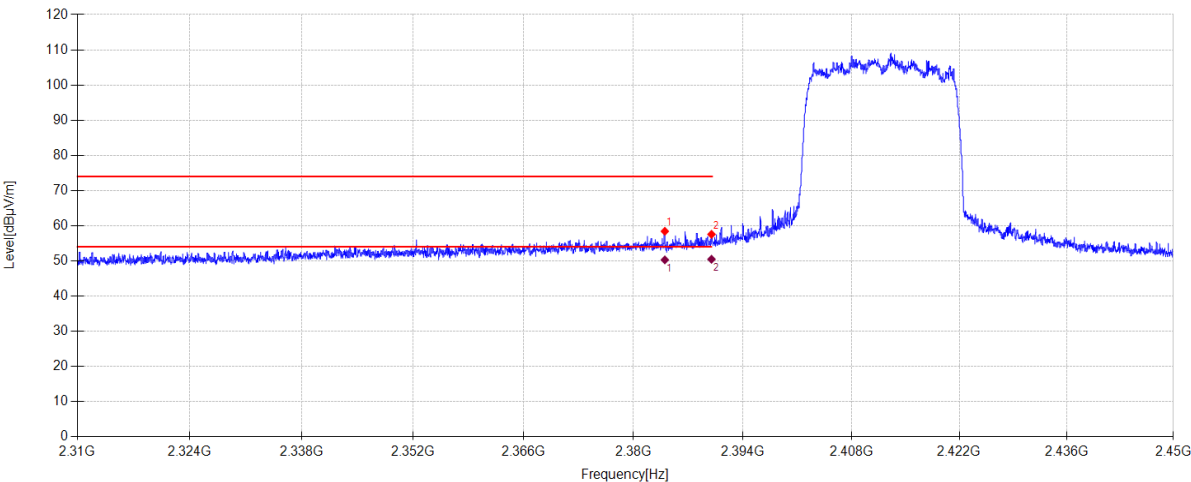
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Memo:

Sample Number: S24121719-006

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	2384.018	27.61	27.24	3.57	0.00	58.42	74.00	15.58	PK	Horizontal
2	2390.000	26.73	27.26	3.57	0.00	57.56	74.00	16.44	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2384.018	19.48	27.24	3.57	50.29	54.00	3.71	AV	Horizontal	
2	2390.000	19.64	27.26	3.57	50.47	54.00	3.53	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

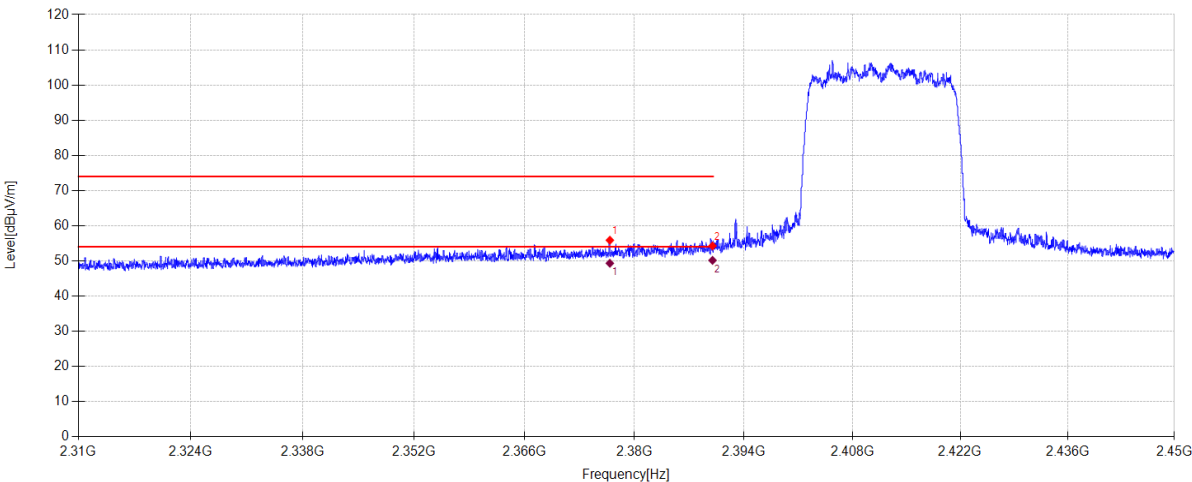
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Memo:

Sample Number: S24121719-006

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	2376.864	25.11	27.21	3.56	0.00	55.88	74.00	18.12	PK	Vertical
2	2390.000	23.44	27.26	3.57	0.00	54.27	74.00	19.73	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2376.864	18.56	27.21	3.56	49.33	54.00	4.67	AV	Vertical	
2	2390.000	19.32	27.26	3.57	50.15	54.00	3.85	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

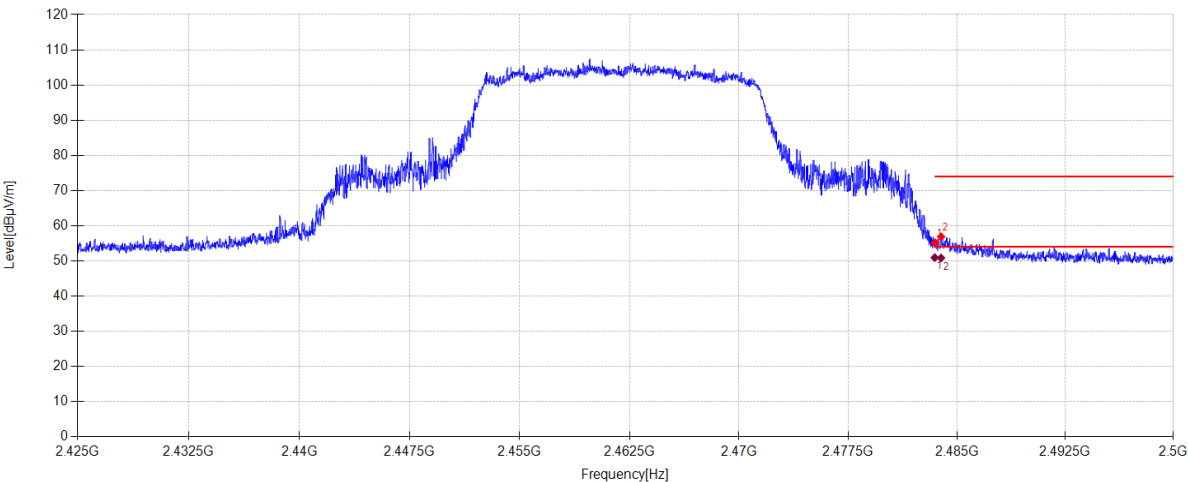
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Memo:

Sample Number: S24121719-006

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	2483.500	24.02	27.53	3.62	0.00	55.17	74.00	18.83	PK	Horizontal
2	2483.913	25.72	27.54	3.62	0.00	56.88	74.00	17.12	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.478	19.79	27.53	3.62	50.94	54.00	3.06	AV	Horizontal	
2	2483.915	19.69	27.54	3.62	50.85	54.00	3.15	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

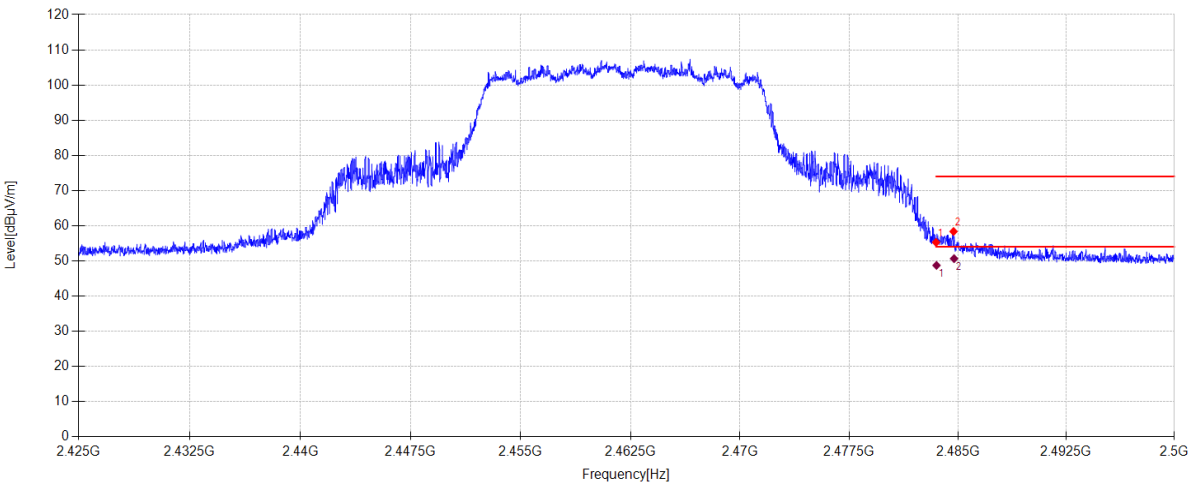
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Memo:

Sample Number: S24121719-006

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	2483.500	24.13	27.53	3.62	0.00	55.28	74.00	18.72	PK	Vertical
2	2484.708	27.20	27.54	3.62	0.00	58.36	74.00	15.64	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.530	17.58	27.53	3.62	48.73	54.00	5.27	AV	Vertical	
2	2484.743	19.49	27.54	3.62	50.65	54.00	3.35	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N40 MIMO 2422MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

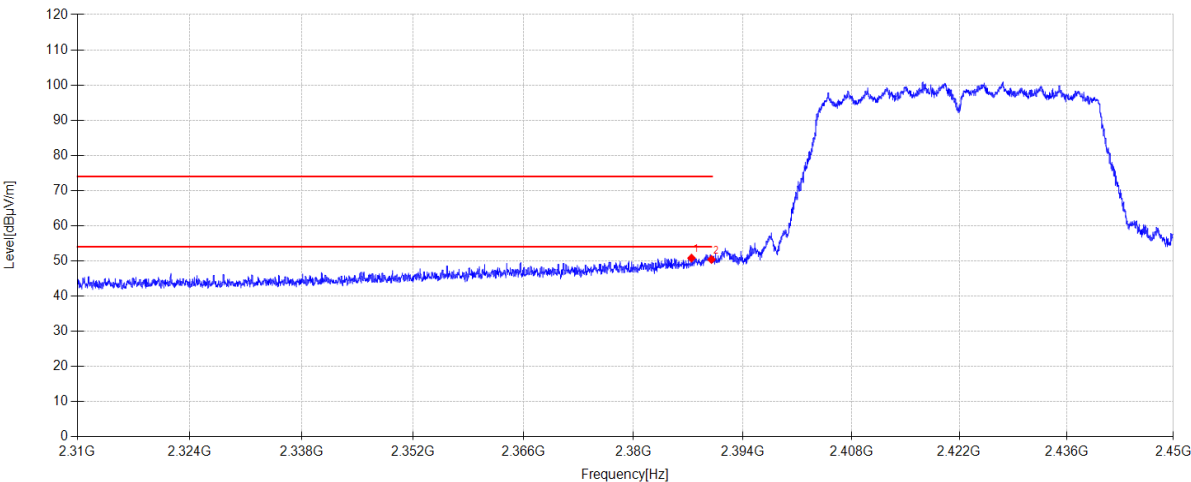
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d:\ts\2024 report data\Charge5 WIFI Gen2\FCC Above 2.4G\45

Memo:

Sample Number: S24121719-006

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	2387.434	19.98	27.25	3.57	0.00	50.80	74.00	23.20	PK	Horizontal
2	2390.000	19.58	27.26	3.57	0.00	50.41	74.00	23.59	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N40 MIMO 2422MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

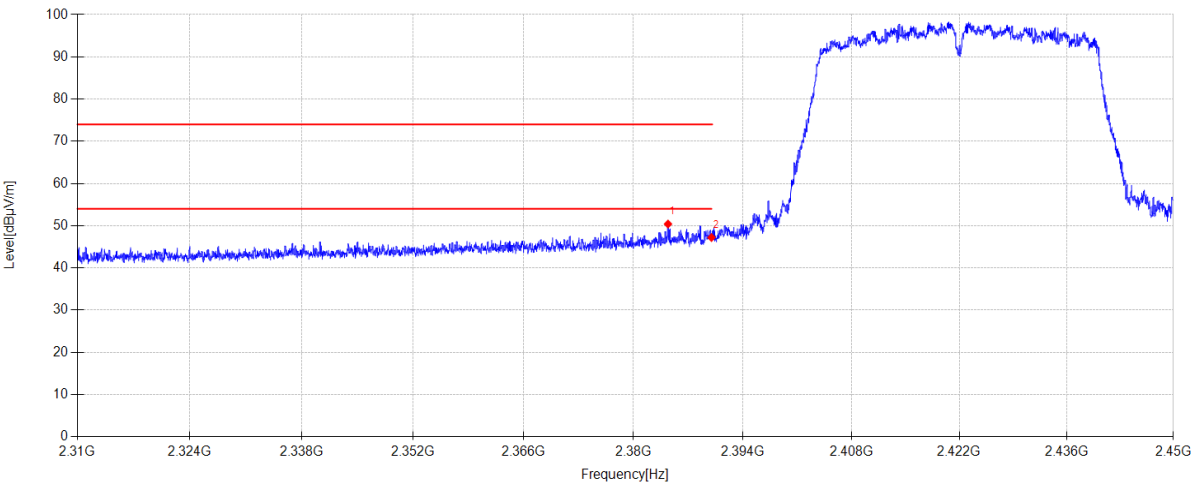
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Memo:

Sample Number: S24121719-006

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	2384.424	19.59	27.24	3.57	0.00	50.40	74.00	23.60	PK	Vertical
2	2390.000	16.38	27.26	3.57	0.00	47.21	74.00	26.79	PK	Vertical

Note:

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

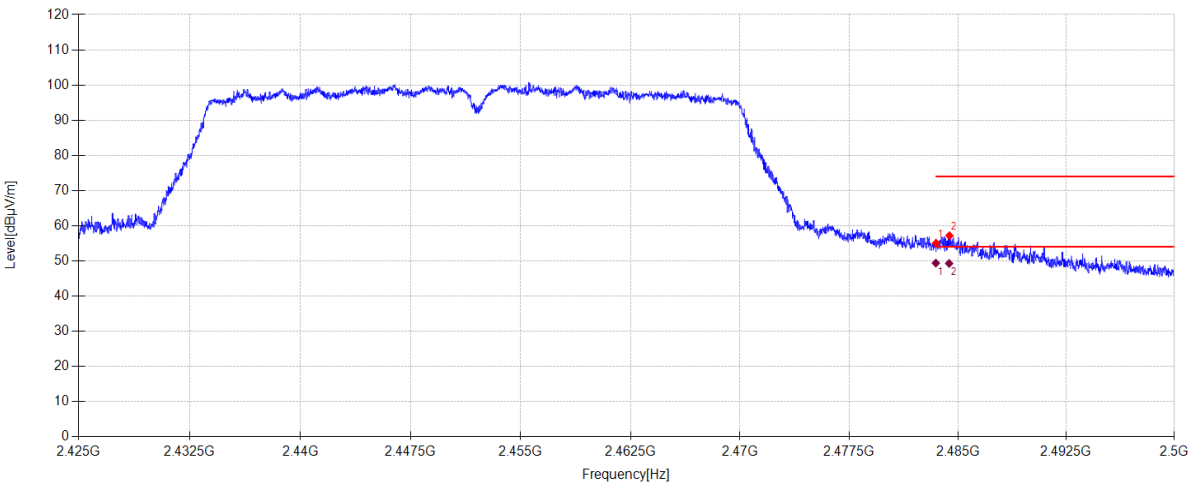
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-11-07 Tested By: Guoyuan Lin
EUT: Wireless Speaker Model Number: CHARGE 5 Wi-Fi SE
Test Mode: 11N40 MIMO 2452MHz TX Power Supply: Battery
Condition: Temp:24.5°C;Humi:47.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Charge5 WIFI Gen2\FCC Above 2.4G\43
Memo: Sample Number: S24121719-006

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	2483.500	23.87	27.53	3.62	0.00	55.02	74.00	18.98	PK	Horizontal
2	2484.423	26.01	27.54	3.62	0.00	57.17	74.00	16.83	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.484	18.23	27.53	3.62	49.38	54.00	4.62	AV	Horizontal	
2	2484.403	18.12	27.54	3.62	49.28	54.00	4.72	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N40 MIMO 2452MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

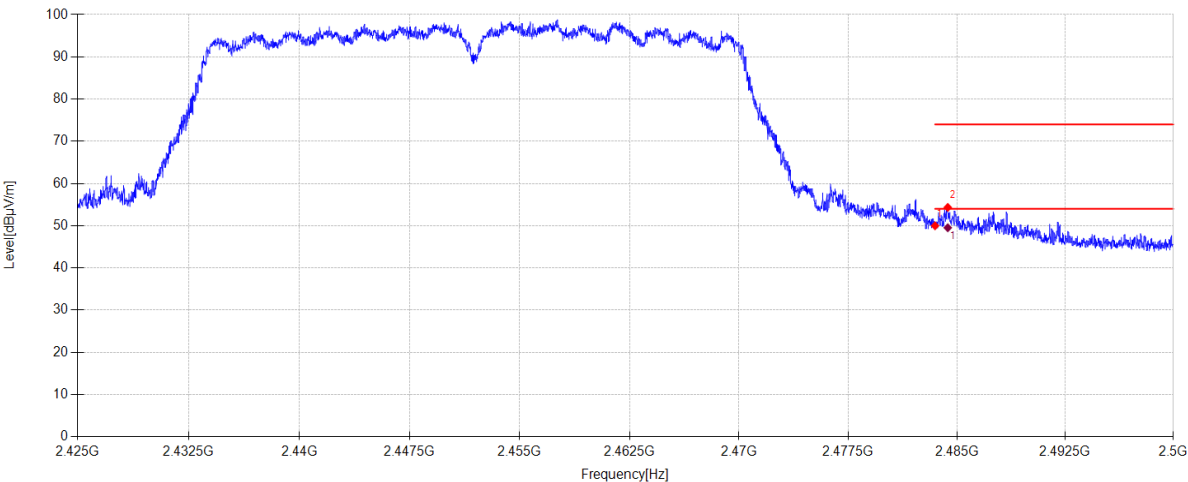
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Memo:

Sample Number: S24121719-006

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	2483.500	18.84	27.53	3.62	0.00	49.99	74.00	24.01	PK	Vertical
2	2484.378	23.18	27.54	3.62	0.00	54.34	74.00	19.66	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2484.378	18.36	27.54	3.62	49.52	54.00	4.48	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

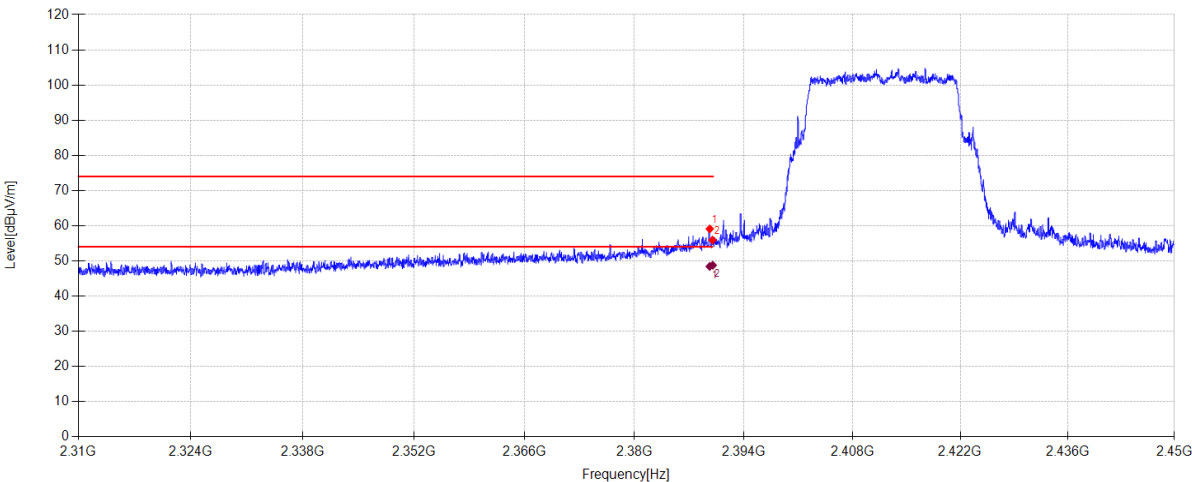
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Memo:

Sample Number: S24121719-006

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	2389.646	28.27	27.26	3.57	0.00	59.10	74.00	14.90	PK	Horizontal
2	2390.000	25.08	27.26	3.57	0.00	55.91	74.00	18.09	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2389.643	17.60	27.26	3.57	48.43	54.00	5.57	AV	Horizontal	
2	2390.031	17.93	27.26	3.57	48.76	51.97	3.21	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

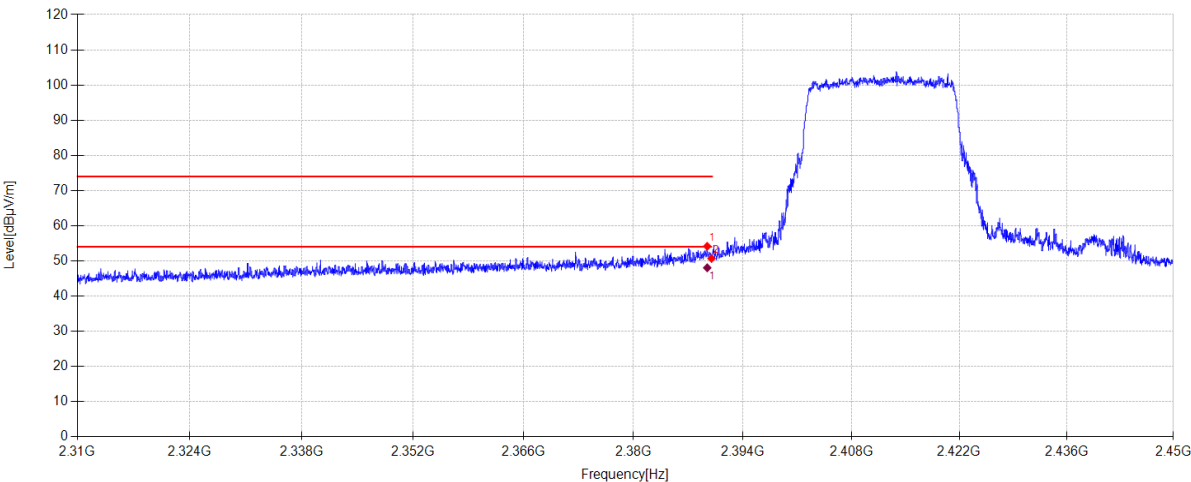
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Memo:

Sample Number: S24121719-006

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	2389.450	23.32	27.26	3.57	0.00	54.15	74.00	19.85	PK	Vertical
2	2390.000	19.88	27.26	3.57	0.00	50.71	74.00	23.29	PK	Vertical

Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.450	17.21	27.26	3.57	48.04	54.00	5.96	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

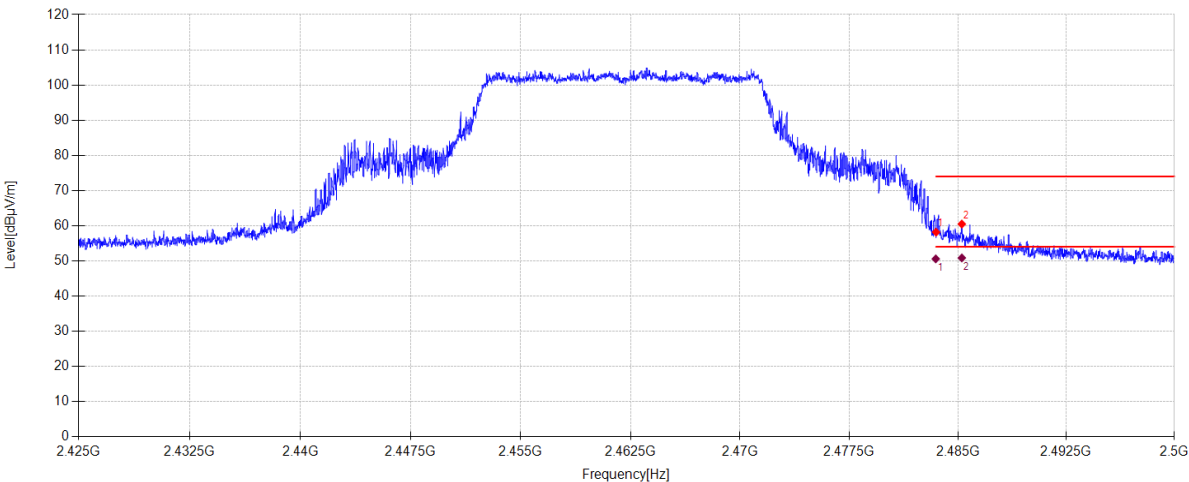
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Memo:

Sample Number: S24121719-006

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	2483.500	27.02	27.53	3.62	0.00	58.17	74.00	15.83	PK	Horizontal
2	2485.278	29.32	27.54	3.62	0.00	60.48	74.00	13.52	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.478	19.43	27.53	3.62	50.58	54.00	3.42	AV	Horizontal	
2	2485.278	19.69	27.54	3.62	50.85	54.00	3.15	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

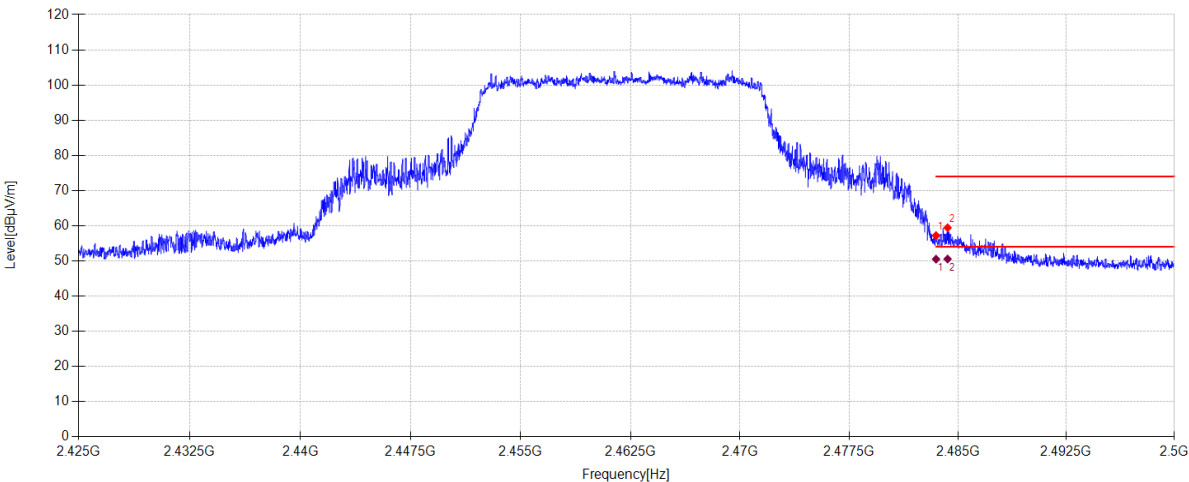
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Memo:

Sample Number: S24121719-006

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	2483.500	26.05	27.53	3.62	0.00	57.20	74.00	16.80	PK	Vertical
2	2484.295	28.27	27.54	3.62	0.00	59.43	74.00	14.57	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.500	19.35	27.53	3.62	50.50	54.00	3.50	AV	Vertical	
2	2484.295	19.38	27.54	3.62	50.54	54.00	3.46	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX40 MIMO 2422MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

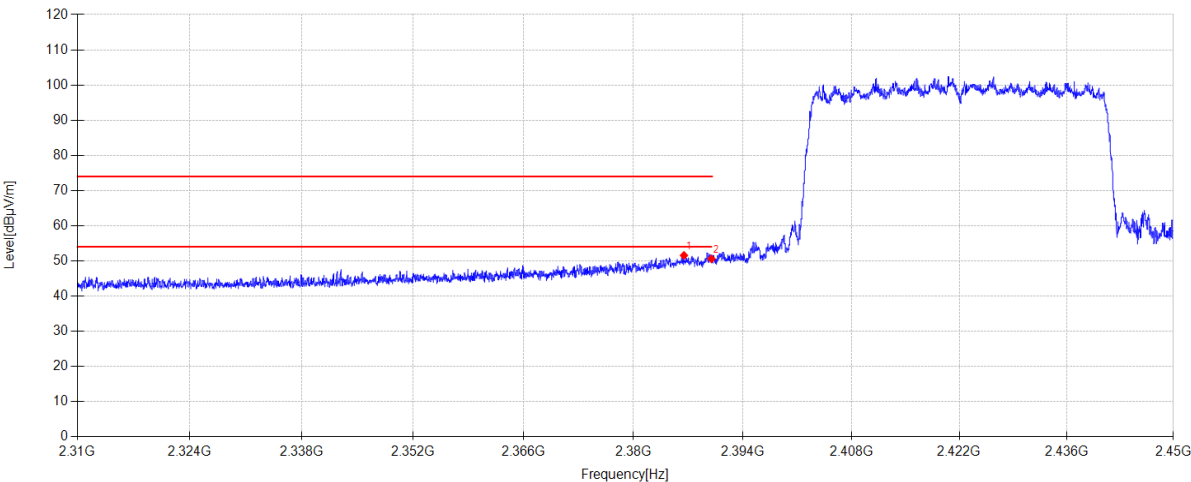
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Memo:

Sample Number: S24121719-006

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	2386.468	20.73	27.25	3.57	0.00	51.55	74.00	21.95	PK	Horizontal
2	2390.000	19.74	27.26	3.57	0.00	50.57	74.00	23.43	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX40 MIMO 2422MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

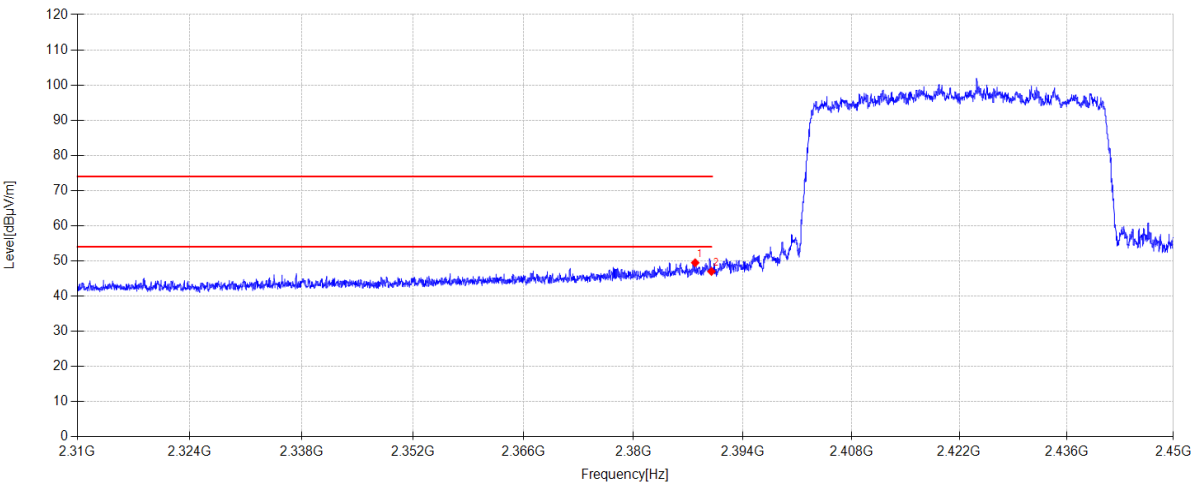
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Memo:

Sample Number: S24121719-006

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	2387.910	18.66	27.25	3.57	0.00	49.48	74.00	24.52	PK	Vertical
2	2390.000	16.17	27.26	3.57	0.00	47.00	74.00	27.00	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX40 MIMO 2452MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

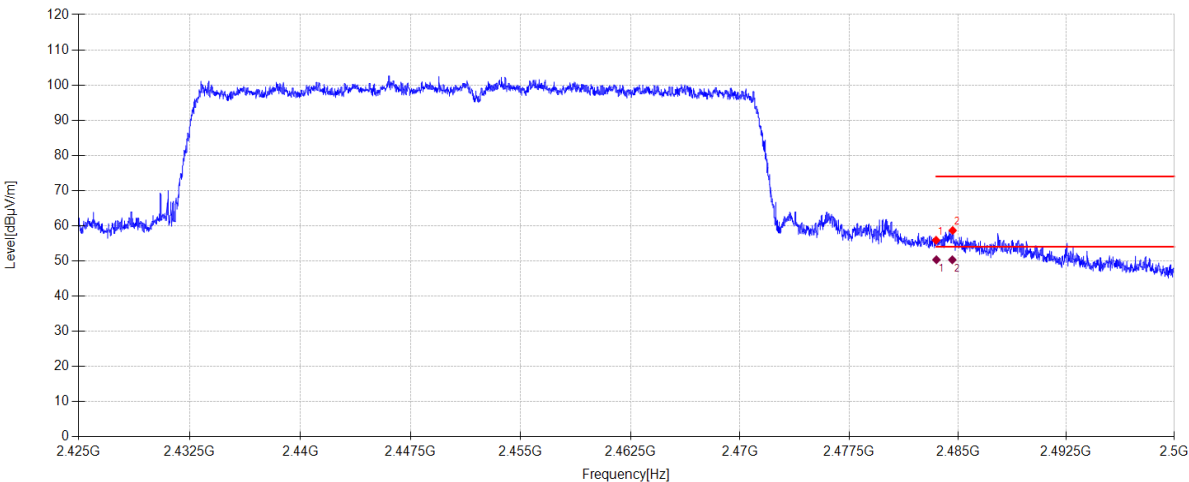
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Memo:

Sample Number: S24121719-006

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	2483.500	24.72	27.53	3.62	0.00	55.87	74.00	18.13	PK	Horizontal
2	2484.648	27.49	27.54	3.62	0.00	58.65	74.00	15.35	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.524	19.18	27.53	3.62	50.33	54.00	3.67	AV	Horizontal	
2	2484.624	19.15	27.54	3.62	50.31	54.00	3.69	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:

2024-11-07

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX40 MIMO 2452MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

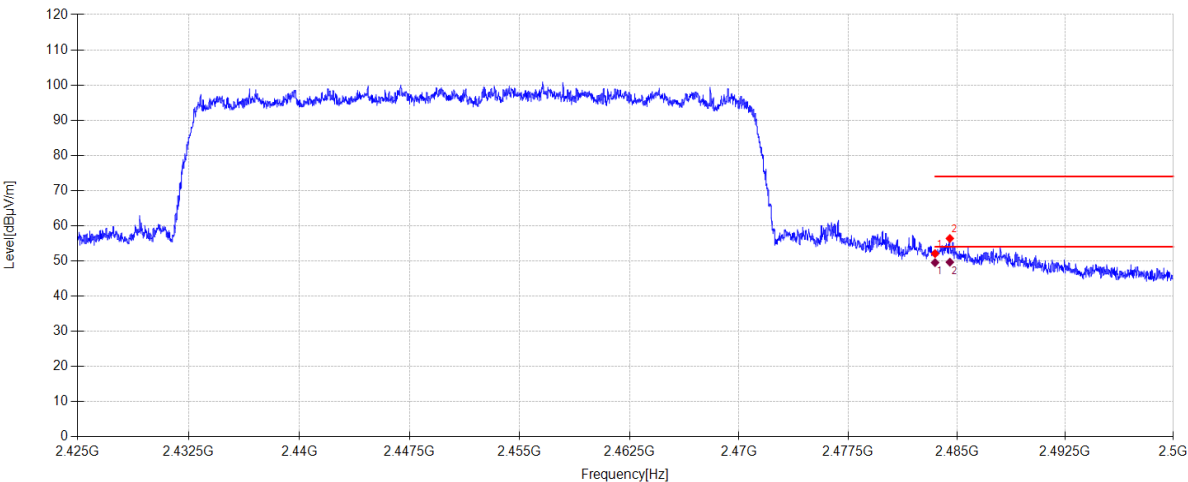
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Memo:

Sample Number: S24121719-006

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	2483.500	20.93	27.53	3.62	0.00	52.08	74.00	21.92	PK	Vertical
2	2484.520	25.21	27.54	3.62	0.00	56.37	74.00	17.63	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.500	18.36	27.53	3.62	49.51	54.00	4.49	AV	Vertical	
2	2484.520	18.48	27.54	3.62	49.64	54.00	4.36	AV	Vertical	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-09

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 RU0 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

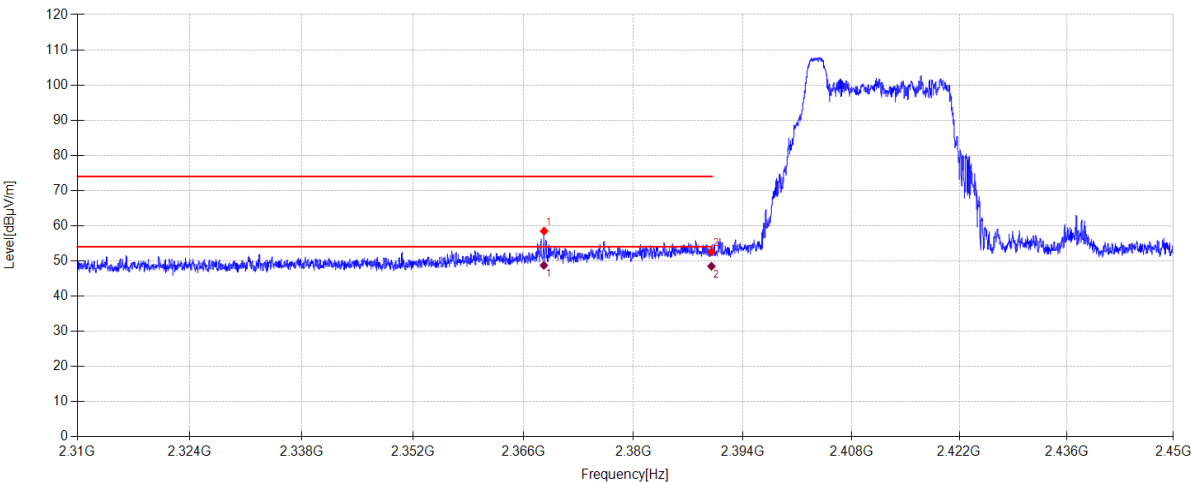
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Memo:

Sample Number: S24121719-006

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	2368.618	27.74	27.17	3.56	0.00	58.47	74.00	15.53	PK	Horizontal
2	2390.000	21.76	27.26	3.57	0.00	52.59	74.00	21.41	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2368.589	18.00	27.17	3.56	48.73	54.00	5.27	AV	Horizontal	
2	2390.000	17.64	27.26	3.57	48.47	54.00	5.53	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:

2024-11-09

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 RU0 2412MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

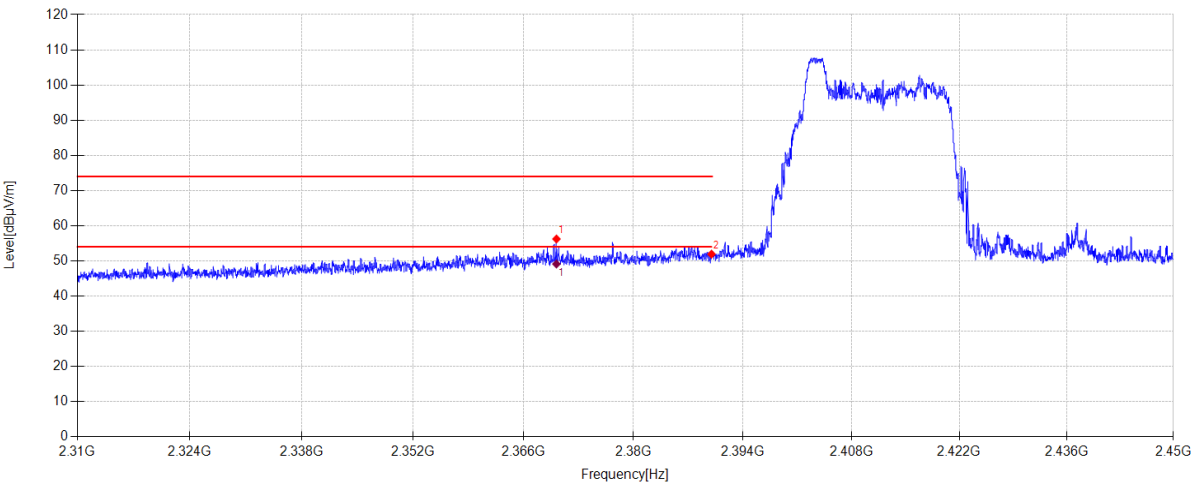
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d:\ts\2024 report data\Charge5 WIFI Gen2\2.4G RU\2

Memo:

Sample Number: S24121719-006

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	2370.186	25.49	27.18	3.56	0.00	56.23	74.00	17.77	PK	Vertical
2	2390.000	21.09	27.26	3.57	0.00	51.92	74.00	22.08	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2370.186	18.38	27.18	3.56	49.12	54.00	4.88	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:

2024-12-20

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 RU8 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

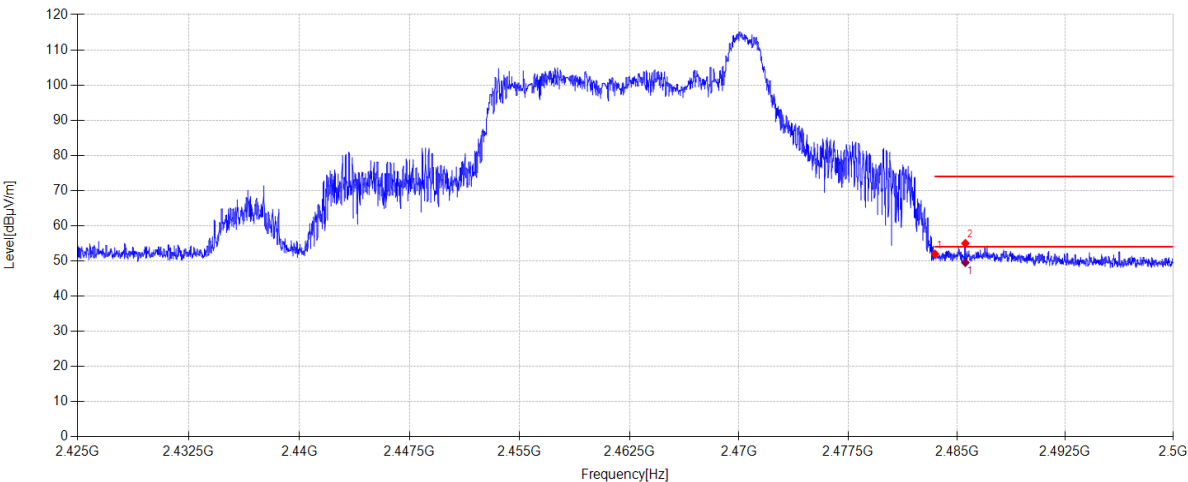
File Path:

d:\ts\2024 report data\Charge5 WIFI Gen2\2.4G RU\3

Memo:

Sample Number: S24121719-006

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	2483.500	20.81	27.53	3.62	0.00	51.96	74.00	22.04	PK	Horizontal
2	2485.593	23.83	27.54	3.62	0.00	54.99	74.00	19.01	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2485.593	18.35	27.54	3.62	49.51	54.00	4.49	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:

2024-12-20

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 RU8 2462MHz TX

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

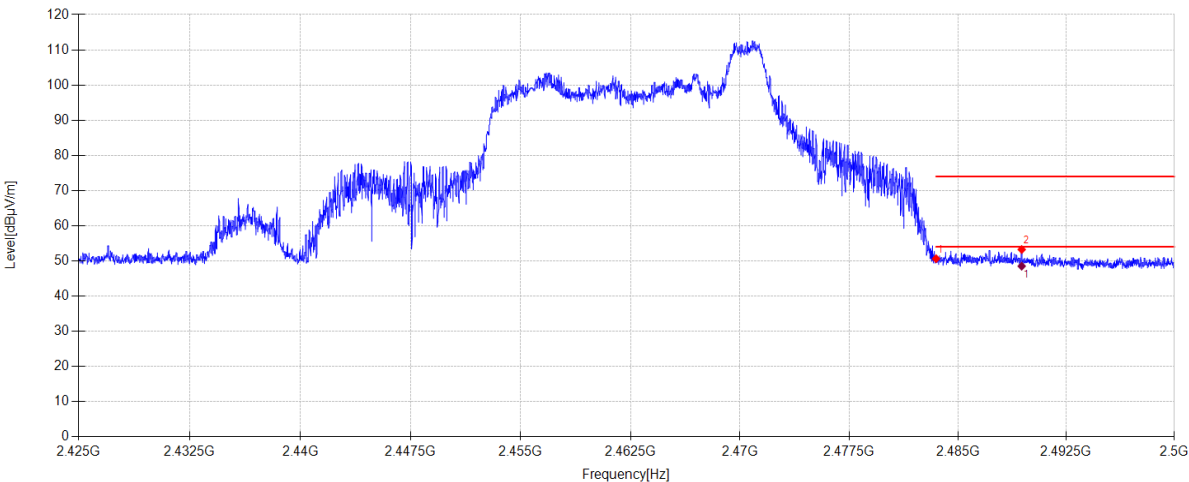
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d:\ts\2024 report data\Charge5 WIFI Gen2\2.4G RU\4

Memo:

Sample Number: S24121719-006

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	2483.500	19.49	27.53	3.62	0.00	50.64	74.00	23.36	PK	Vertical
2	2489.418	22.06	27.56	3.62	0.00	53.24	74.00	20.76	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2489.418	17.32	27.56	3.62	48.50	54.00	5.50	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.

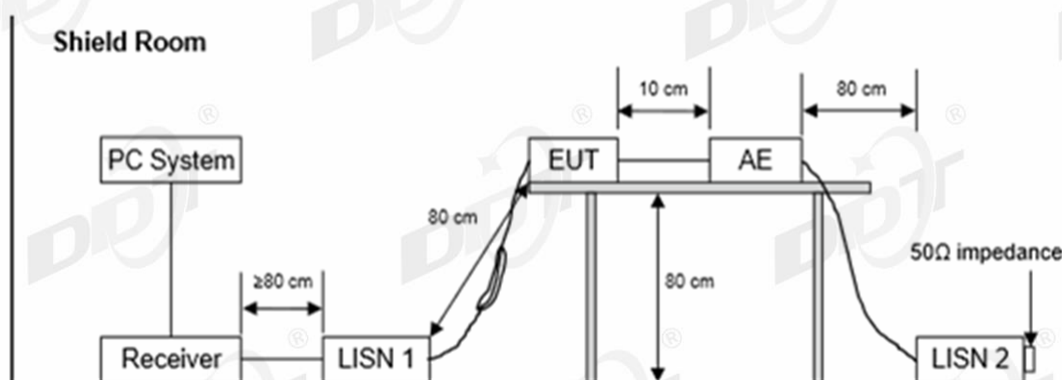
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Three-phase artificial power network	SCHWARZBEC K	NSLK 8163	DDT-ZC01572	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2025/07/08
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC02056	2025/07/08
Pulse Limiter	SCHWARZBEC K	VTSD 9561	DDT-ZC02128	2025/07/08
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2025/07/08
Δ-shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2025/03/31
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025/07/08

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level dB(uV)	Average Level dB(uV)
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
Adapter	HUAWEI	HW-100400C01	Huawei Fast Charge 2 #	Input: 100-240V~50/60Hz, Output: 5V/2A or 9V/2A or 10V/4A MAX

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 6# Shield Room

Test Date

: 2024-12-19

EUT

: Wireless Speaker

Power Supply

: AC 120V/60Hz

Condition

: Temp:21.9°C,Humi:52.5%

Memo

: Sample Number: S24121719-006

D:\2024 Report Date\Q24121719-1E\1219 CE.EM6

Tested By

: Genliu

Model Number

: CHARGE 5 Wi-Fi SE

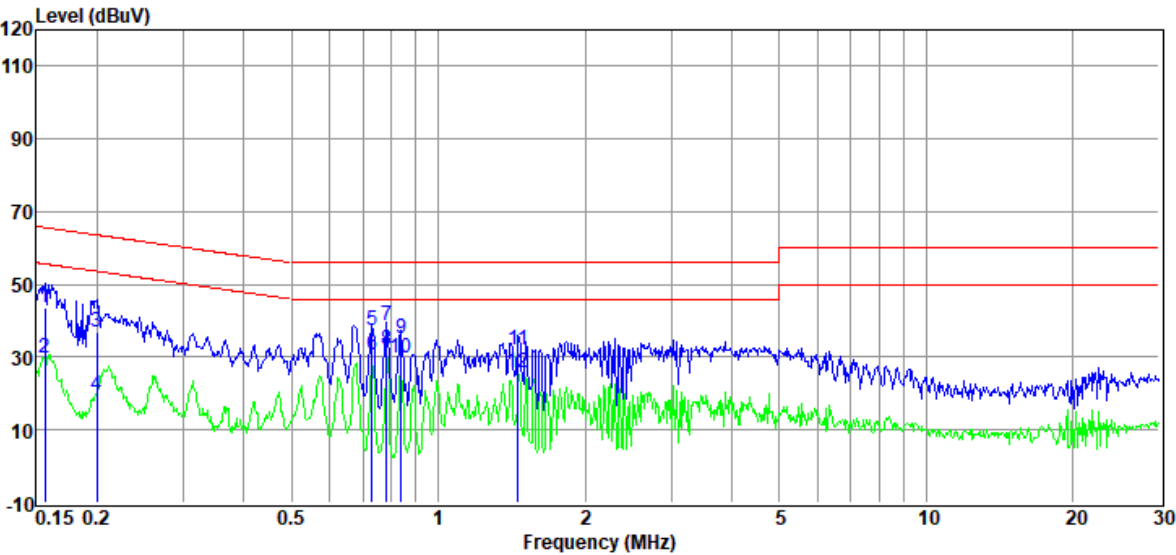
Test Mode

: Tx mode

LISN

: 2024 ENV216 3#/NEUTRAL

Data: 14



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	0.16	23.73	9.78	0.07	9.83	43.41	65.65	-22.24	QP	NEUTRAL
2	0.16	10.14	9.78	0.07	9.83	29.82	55.65	-25.83	Average	NEUTRAL
3	0.20	17.10	9.76	0.06	9.83	36.75	63.62	-26.87	QP	NEUTRAL
4	0.20	-0.05	9.76	0.06	9.83	19.60	53.62	-34.02	Average	NEUTRAL
5	0.73	17.90	9.75	0.06	9.84	37.55	56.00	-18.45	QP	NEUTRAL
6	0.73	10.95	9.75	0.06	9.84	30.60	46.00	-15.40	Average	NEUTRAL
7	0.78	18.94	9.75	0.05	9.84	38.58	56.00	-17.42	QP	NEUTRAL
8	0.78	12.27	9.75	0.05	9.84	31.91	46.00	-14.09	Average	NEUTRAL
9	0.84	15.62	9.75	0.07	9.84	35.28	56.00	-20.72	QP	NEUTRAL
10	0.84	10.01	9.75	0.07	9.84	29.67	46.00	-16.33	Average	NEUTRAL
11	1.46	12.40	9.77	0.12	9.84	32.13	56.00	-23.87	QP	NEUTRAL
12	1.46	6.01	9.77	0.12	9.84	25.74	46.00	-20.26	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 6# Shield Room

Test Date

: 2024-12-19

EUT

: Wireless Speaker

Power Supply

: AC 120V/60Hz

Condition

: Temp:21.9°C,Humi:52.5%

Memo

: Sample Number: S24121719-006

D:\2024 Report Date\Q24121719-1E\1219 CE.EM6

Tested By

: Genliu

Model Number

: CHARGE 5 Wi-Fi SE

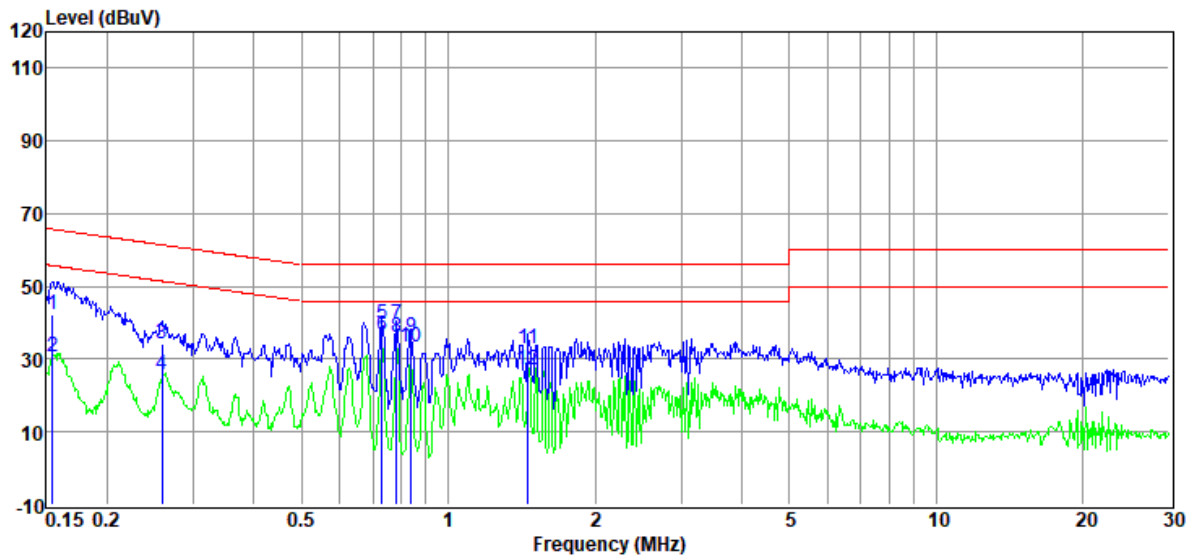
Test Mode

: Tx mode

LISN

: 2024 ENV216 3#/LINE

Data: 16



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	0.15	22.60	9.78	0.07	9.83	42.28	65.74	-23.46	QP	LINE
2	0.15	10.79	9.78	0.07	9.83	30.47	55.74	-25.27	Average	LINE
3	0.26	14.79	9.76	0.06	9.83	34.44	61.47	-27.03	QP	LINE
4	0.26	6.20	9.76	0.06	9.83	25.85	51.47	-25.62	Average	LINE
5	0.73	19.78	9.75	0.06	9.84	39.43	56.00	-16.57	QP	LINE
6	0.73	16.77	9.75	0.06	9.84	36.42	46.00	-9.58	Average	LINE
7	0.78	19.97	9.75	0.05	9.84	39.61	56.00	-16.39	QP	LINE
8	0.78	16.48	9.75	0.05	9.84	36.12	46.00	-9.88	Average	LINE
9	0.84	16.47	9.75	0.07	9.84	36.13	56.00	-19.87	QP	LINE
10	0.84	13.49	9.75	0.07	9.84	33.15	46.00	-12.85	Average	LINE
11	1.46	13.23	9.75	0.12	9.84	32.94	56.00	-23.06	QP	LINE
12	1.46	7.45	9.75	0.12	9.84	27.16	46.00	-18.84	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.

16. Photos of the EUT

Please refer to DDT-Q24121719-2E appendix I

-----End Report-----