

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11A 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

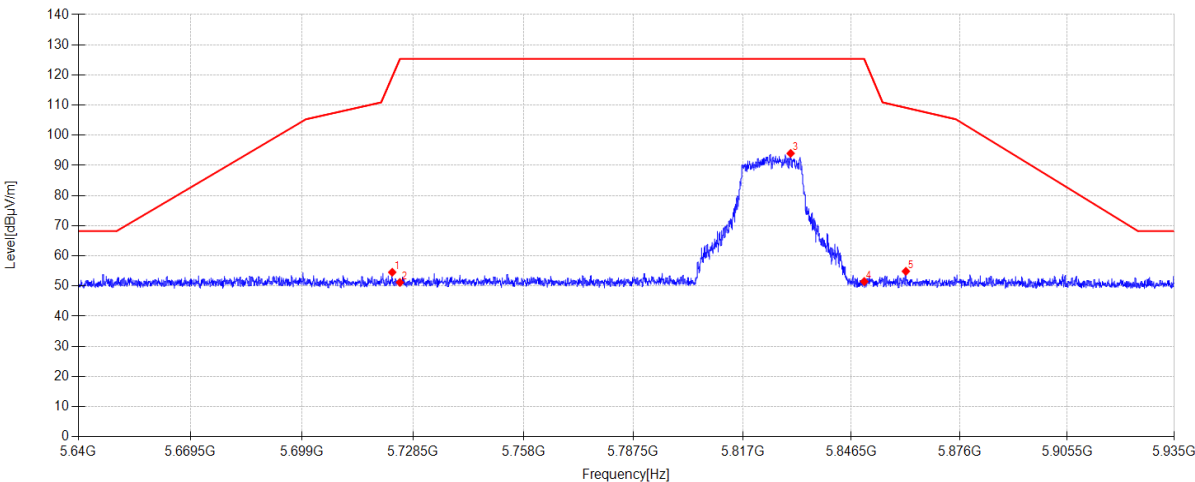
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Memo:

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	5722.954	44.55	33.74	5.87	-29.60	54.56	119.41	64.85	PK	Vertical
2	5725.000	41.17	33.75	5.87	-29.60	51.19	125.30	74.11	PK	Vertical
3	5830.010	83.57	34.08	5.93	-29.60	93.98	125.30	31.32	PK	Vertical
4	5850.000	41.16	34.00	5.94	-29.60	51.50	125.30	73.80	PK	Vertical
5	5861.339	44.53	34.02	5.94	-29.60	54.89	109.13	54.24	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT1 11A 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

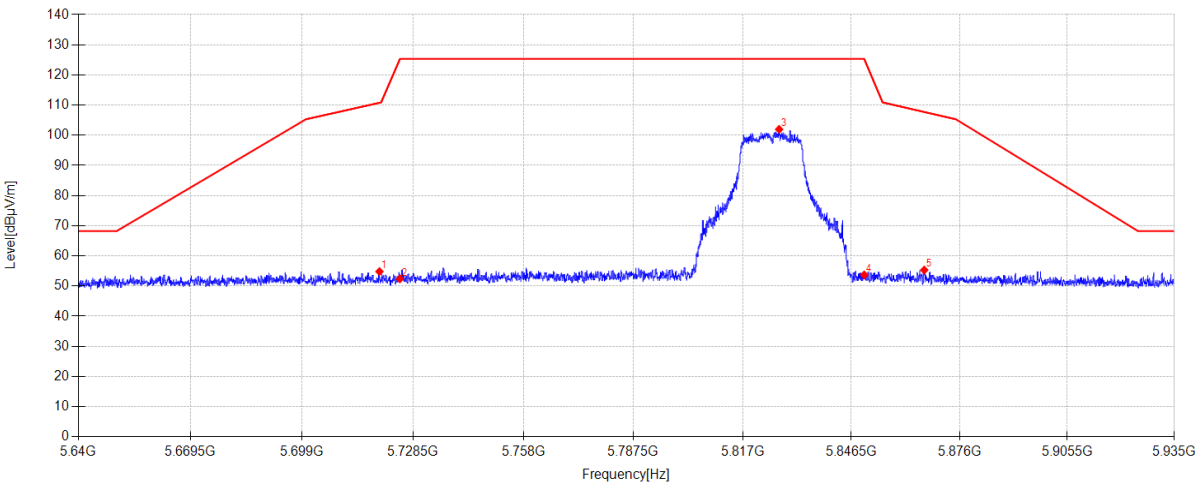
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Memo:

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	5719.562	44.81	33.72	5.87	-29.60	54.80	110.78	55.98	PK	Horizontal
2	5725.000	42.36	33.75	5.87	-29.60	52.38	125.30	72.92	PK	Horizontal
3	5826.883	91.56	34.09	5.92	-29.60	101.97	125.30	23.33	PK	Horizontal
4	5850.000	43.35	34.00	5.94	-29.60	53.69	125.30	71.61	PK	Horizontal
5	5866.354	44.93	34.03	5.94	-29.60	55.30	107.72	52.42	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11A 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

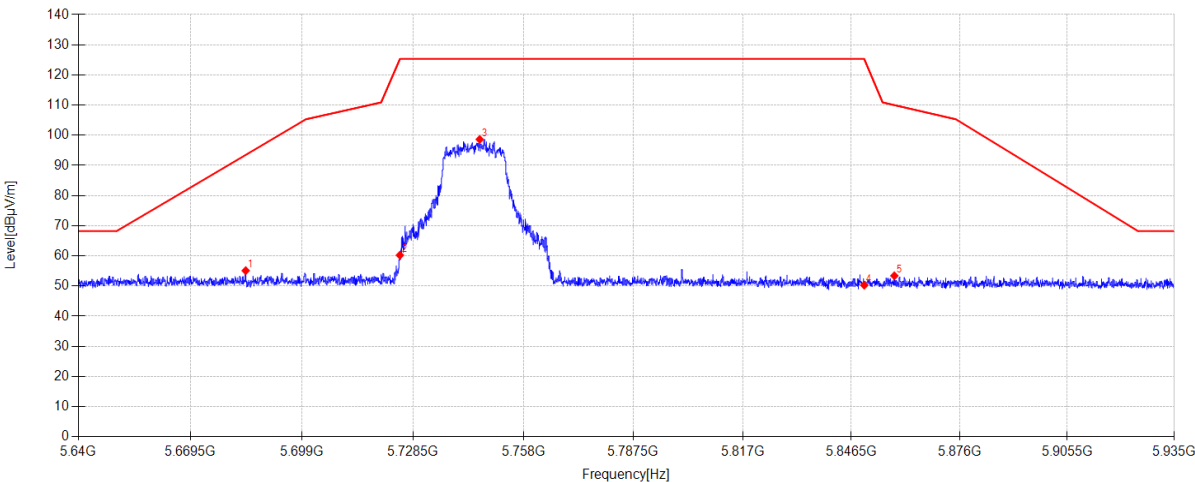
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Memo:

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	5684.073	45.31	33.54	5.85	-29.60	55.10	93.48	38.38	PK	Vertical
2	5725.000	50.21	33.75	5.87	-29.60	60.23	125.30	65.07	PK	Vertical
3	5746.289	88.47	33.88	5.88	-29.60	98.63	125.30	26.67	PK	Vertical
4	5850.000	39.95	34.00	5.94	-29.60	50.29	125.30	75.01	PK	Vertical
5	5858.212	43.03	34.02	5.94	-29.60	53.39	110.00	56.61	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11A 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

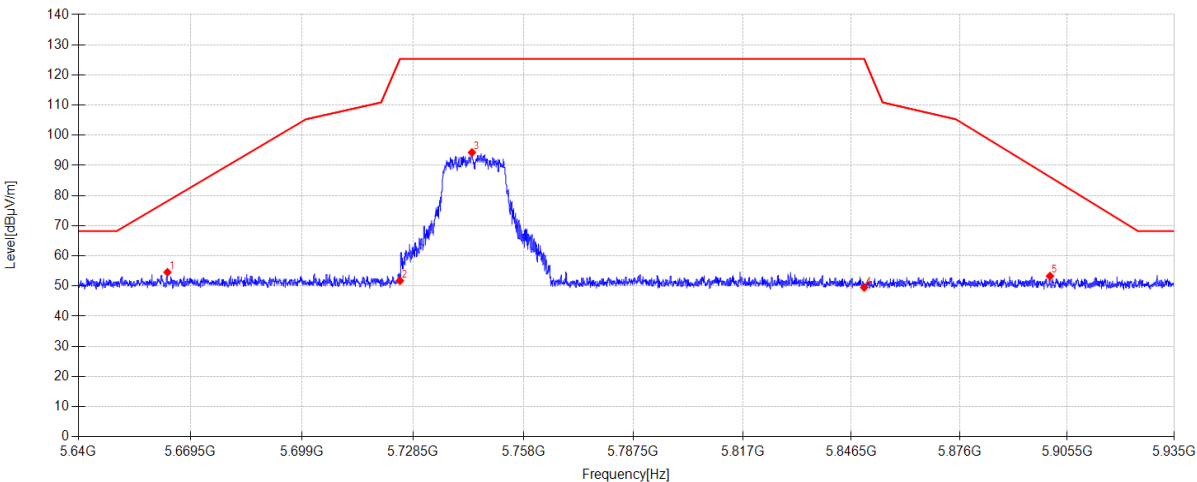
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Memo:

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	5663.423	44.87	33.45	5.84	-29.60	54.56	78.16	23.60	PK	Horizontal
2	5725.000	41.74	33.75	5.87	-29.60	51.76	125.30	73.54	PK	Horizontal
3	5744.224	84.13	33.87	5.88	-29.60	94.28	125.30	31.02	PK	Horizontal
4	5850.000	39.18	34.00	5.94	-29.60	49.52	125.30	75.78	PK	Horizontal
5	5900.780	42.83	34.10	5.96	-29.60	53.29	86.17	32.88	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11A 5785 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

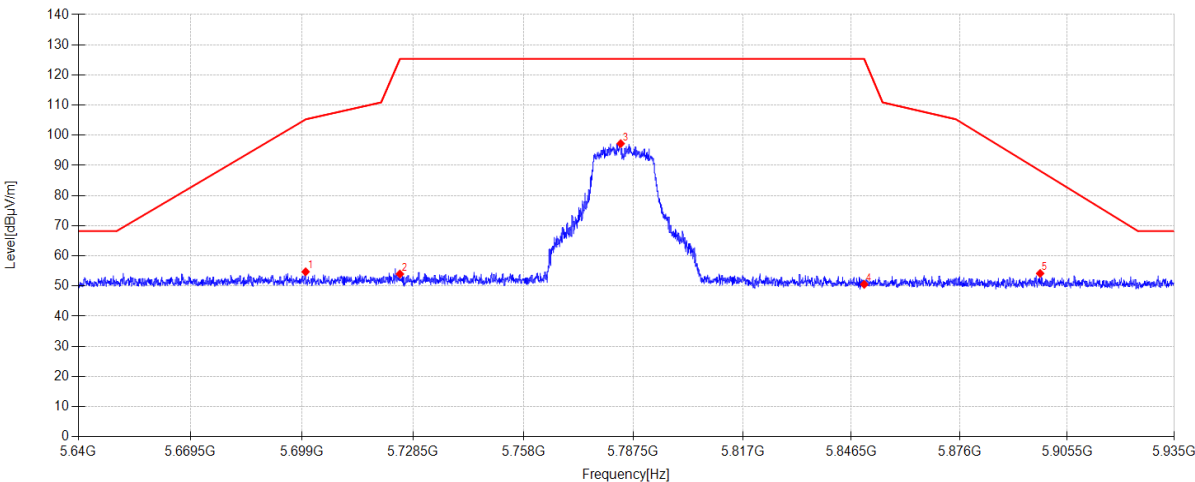
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Memo:

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	5699.944	44.86	33.60	5.86	-29.60	54.72	105.26	50.54	PK	Vertical
2	5725.000	43.97	33.75	5.87	-29.60	53.99	125.30	71.31	PK	Vertical
3	5784.108	86.83	34.10	5.90	-29.60	97.23	125.30	28.07	PK	Vertical
4	5850.000	40.22	34.00	5.94	-29.60	50.56	125.30	74.74	PK	Vertical
5	5898.066	43.71	34.10	5.96	-29.60	54.17	88.19	34.02	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11A 5785 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

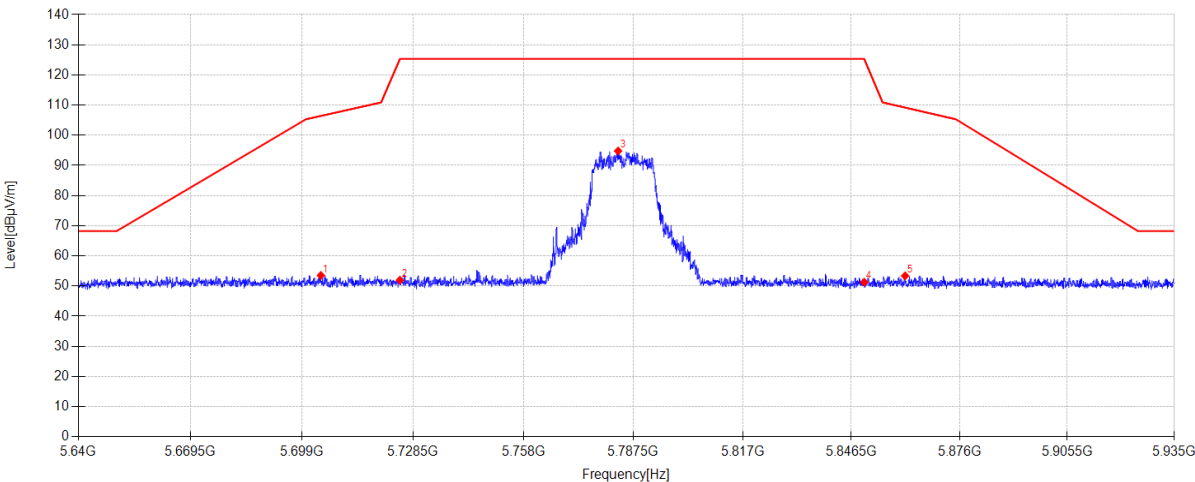
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Memo:

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	5703.986	43.63	33.62	5.86	-29.60	53.51	106.42	52.91	PK	Horizontal
2	5725.000	41.91	33.75	5.87	-29.60	51.93	125.30	73.37	PK	Horizontal
3	5783.400	84.39	34.10	5.90	-29.60	94.79	125.30	30.51	PK	Horizontal
4	5850.000	40.95	34.00	5.94	-29.60	51.29	125.30	74.01	PK	Horizontal
5	5861.132	43.01	34.02	5.94	-29.60	53.37	109.18	55.81	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11A 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

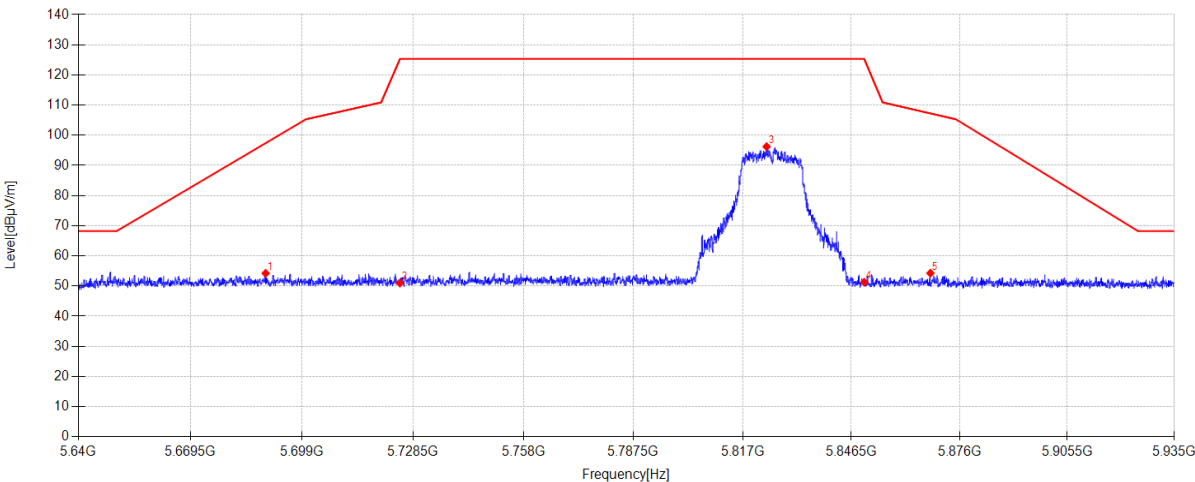
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Memo:

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	5689.354	44.41	33.56	5.85	-29.60	54.22	97.40	43.18	PK	Vertical
2	5725.000	40.96	33.75	5.87	-29.60	50.98	125.30	74.32	PK	Vertical
3	5823.490	85.81	34.11	5.92	-29.60	96.24	125.30	29.06	PK	Vertical
4	5850.000	40.94	34.00	5.94	-29.60	51.28	125.30	74.02	PK	Vertical
5	5868.035	43.89	34.04	5.94	-29.60	54.27	107.25	52.98	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

ANT2 11A 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

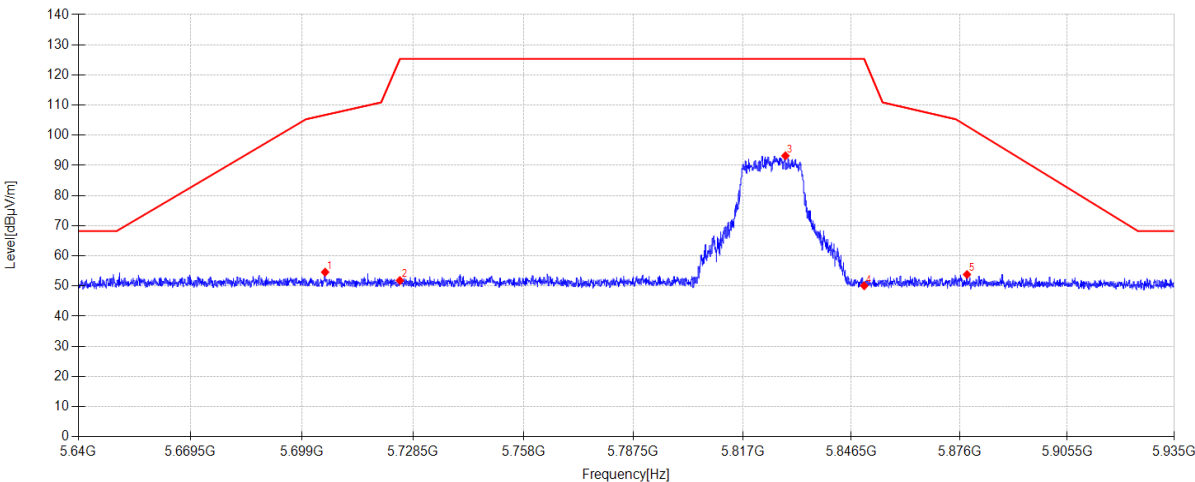
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Memo:

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	5705.107	44.72	33.63	5.86	-29.60	54.61	106.73	52.12	PK	Horizontal
2	5725.000	41.81	33.75	5.87	-29.60	51.83	125.30	73.47	PK	Horizontal
3	5828.594	82.79	34.09	5.92	-29.60	93.20	125.30	32.10	PK	Horizontal
4	5850.000	39.76	34.00	5.94	-29.60	50.10	125.30	75.20	PK	Horizontal
5	5878.036	43.41	34.06	5.95	-29.60	53.82	103.05	49.23	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

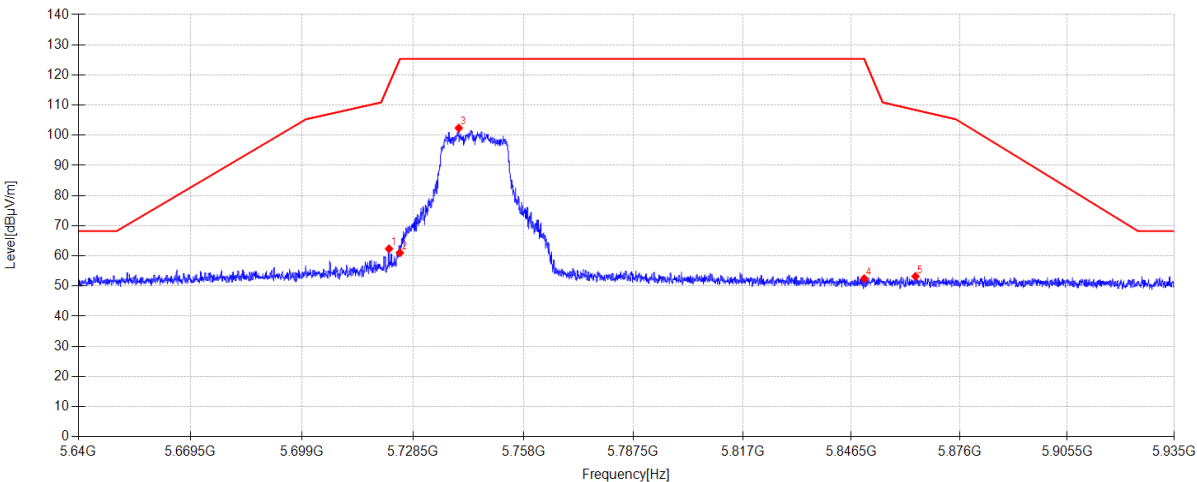
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Memo:

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	5722.099	52.35	33.73	5.87	-29.60	62.35	116.94	54.59	PK	Vertical
2	5725.000	50.99	33.75	5.87	-29.60	61.01	125.30	64.29	PK	Vertical
3	5740.684	92.28	33.84	5.88	-29.60	102.40	125.30	22.90	PK	Vertical
4	5850.000	42.10	34.00	5.94	-29.60	52.44	125.30	72.86	PK	Vertical
5	5863.964	42.86	34.03	5.94	-29.60	53.23	108.39	55.16	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

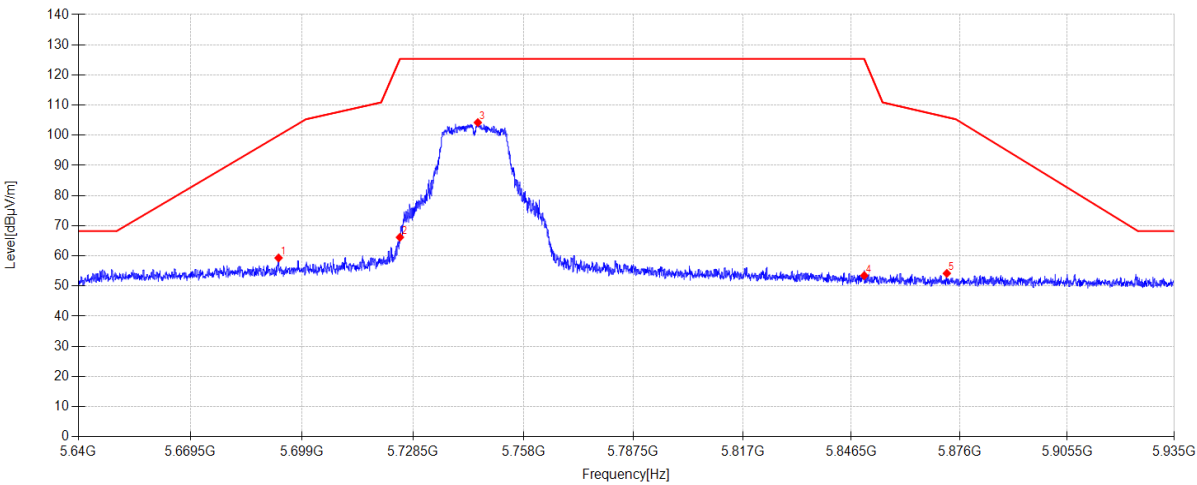
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Memo:

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	5692.776	49.49	33.57	5.86	-29.60	59.32	99.94	40.62	PK	Horizontal
2	5725.000	56.14	33.75	5.87	-29.60	66.16	125.30	59.14	PK	Horizontal
3	5745.787	94.07	33.87	5.88	-29.60	104.22	125.30	21.08	PK	Horizontal
4	5850.000	43.12	34.00	5.94	-29.60	53.46	125.30	71.84	PK	Horizontal
5	5872.519	43.79	34.05	5.95	-29.60	54.19	105.99	51.80	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 5785 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

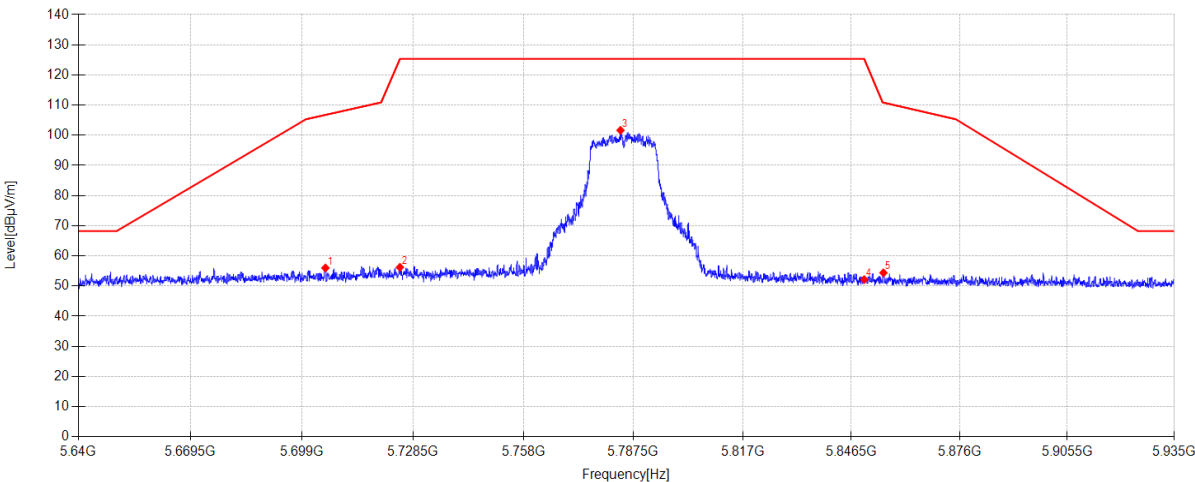
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Memo:

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	5705.195	46.10	33.63	5.86	-29.60	55.99	106.75	50.76	PK	Vertical
2	5725.000	46.20	33.75	5.87	-29.60	56.22	125.30	69.08	PK	Vertical
3	5784.049	91.24	34.10	5.90	-29.60	101.64	125.30	23.66	PK	Vertical
4	5850.000	41.79	34.00	5.94	-29.60	52.13	125.30	73.17	PK	Vertical
5	5855.232	44.03	34.01	5.94	-29.60	54.38	110.84	56.46	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 5785 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

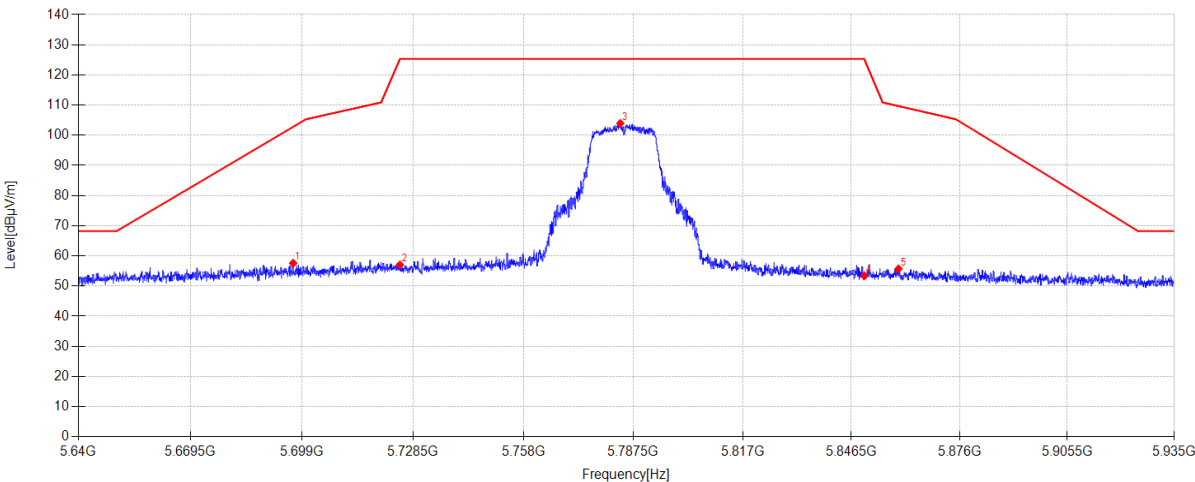
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Memo:

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	5696.640	47.74	33.59	5.86	-29.60	57.59	102.81	45.22	PK	Horizontal
2	5725.000	47.00	33.75	5.87	-29.60	57.02	125.30	68.28	PK	Horizontal
3	5783.990	93.55	34.10	5.90	-29.60	103.95	125.30	21.35	PK	Horizontal
4	5850.000	43.08	34.00	5.94	-29.60	53.42	125.30	71.88	PK	Horizontal
5	5859.333	45.34	34.02	5.94	-29.60	55.70	109.69	53.99	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

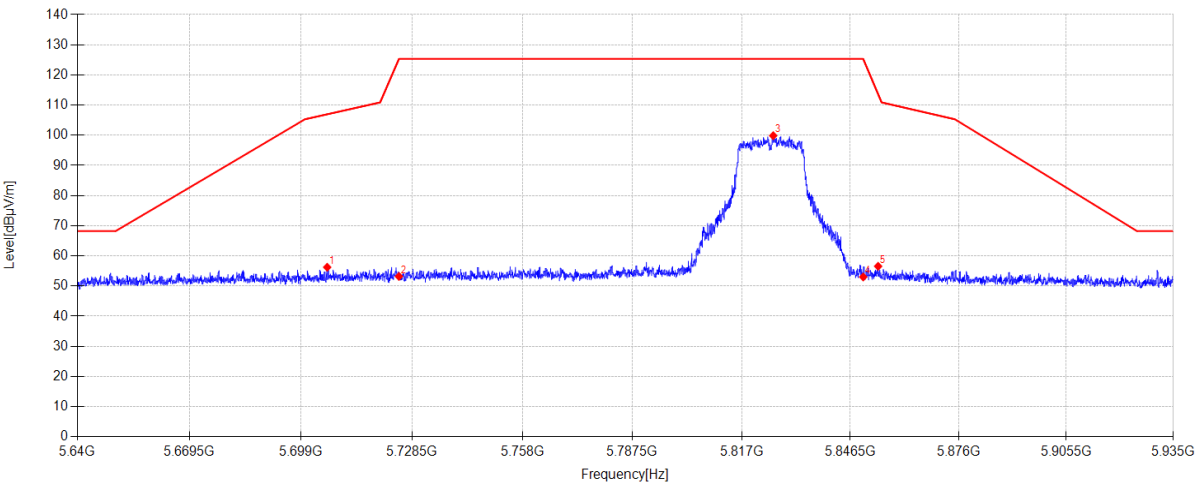
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Memo:

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	5705.933	46.33	33.64	5.86	-29.60	56.23	106.96	50.73	PK	Vertical
2	5725.000	43.17	33.75	5.87	-29.60	53.19	125.30	72.11	PK	Vertical
3	5825.555	89.44	34.10	5.92	-29.60	99.86	125.30	25.44	PK	Vertical
4	5850.000	42.67	34.00	5.94	-29.60	53.01	125.30	72.29	PK	Vertical
5	5854.052	46.20	34.01	5.94	-29.60	56.55	113.63	57.08	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N20 MIMO 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

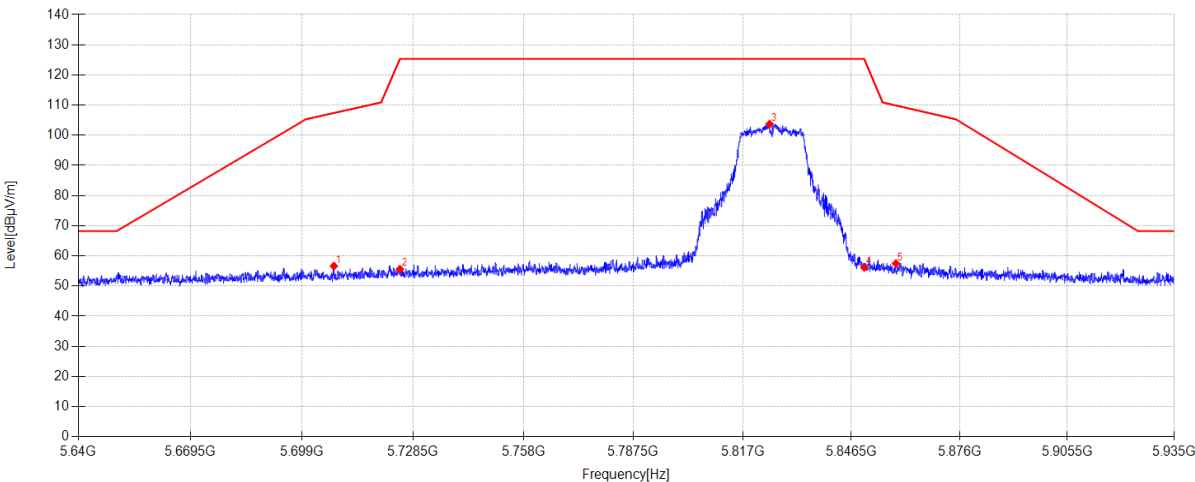
File Path:

d:\ts\2024 report data\Charge5 WIFI Gen2\FCC RE Above 1G 5.8G\34

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	5707.437	46.74	33.64	5.86	-29.60	56.64	107.38	50.74	PK	Horizontal
2	5725.000	45.58	33.75	5.87	-29.60	55.60	125.30	69.70	PK	Horizontal
3	5824.287	93.28	34.10	5.92	-29.60	103.70	125.30	21.60	PK	Horizontal
4	5850.000	45.82	34.00	5.94	-29.60	56.16	125.30	69.14	PK	Horizontal
5	5858.625	47.12	34.02	5.94	-29.60	57.48	109.89	52.41	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N40 MIMO 5755 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

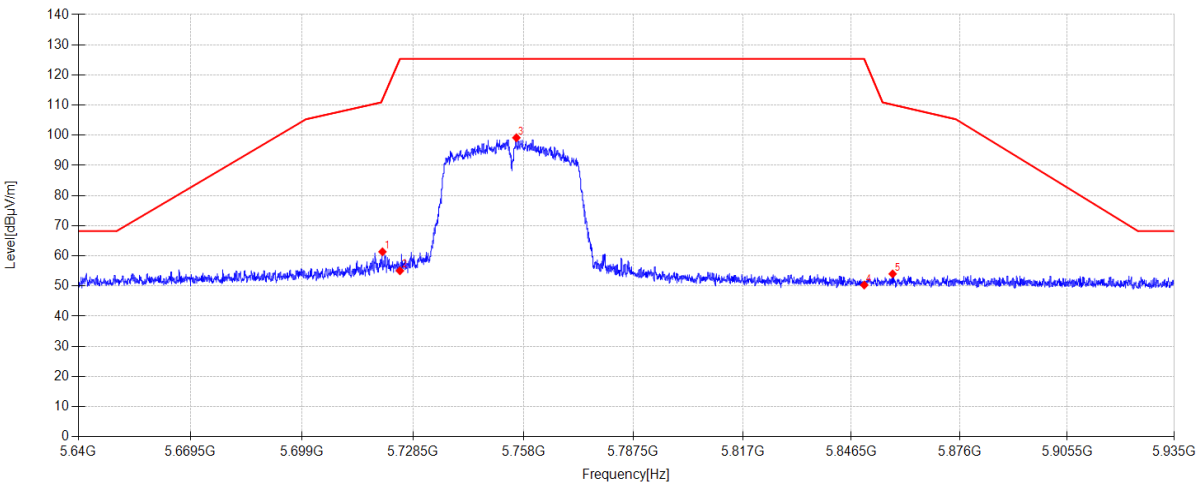
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d:\ts\2024 report data\Charge5 WIFI Gen2\FCC RE Above 1G 5.8G\25

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	5720.358	51.36	33.72	5.87	-29.60	61.35	111.93	50.58	PK	Vertical
2	5725.000	45.05	33.75	5.87	-29.60	55.07	125.30	70.23	PK	Vertical
3	5756.112	88.95	33.94	5.89	-29.60	99.18	125.30	26.12	PK	Vertical
4	5850.000	40.00	34.00	5.94	-29.60	50.34	125.30	74.96	PK	Vertical
5	5857.740	43.66	34.02	5.94	-29.60	54.02	110.13	56.11	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N40 MIMO 5755 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

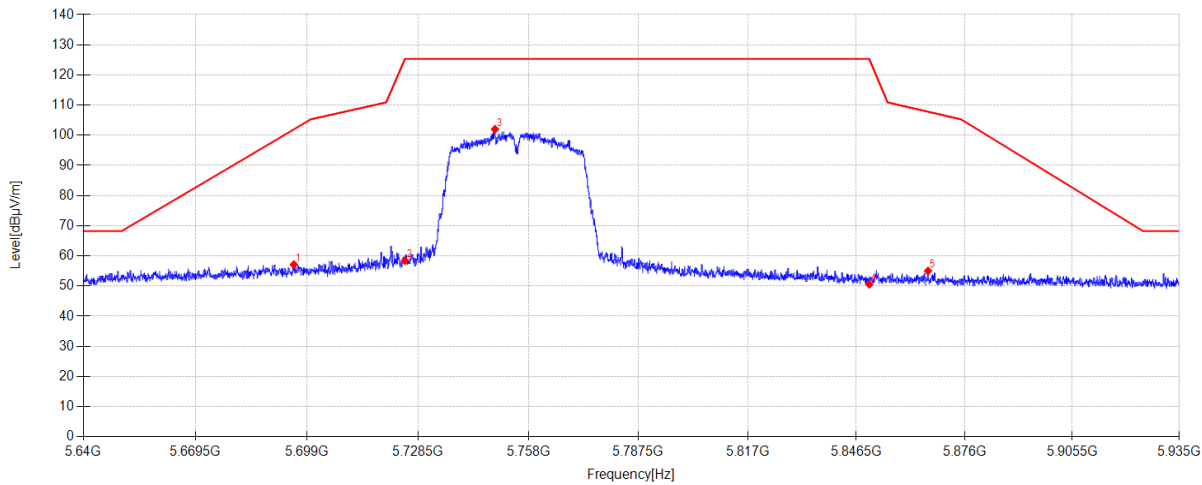
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d:\ts\2024 report data\Charge5 WIFI Gen2\FCC RE Above 1G 5.8G\26

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	5695.490	47.27	33.58	5.86	-29.60	57.11	101.95	44.84	PK	Horizontal
2	5725.000	48.36	33.75	5.87	-29.60	58.38	125.30	66.92	PK	Horizontal
3	5749.032	91.84	33.89	5.88	-29.60	102.01	125.30	23.29	PK	Horizontal
4	5850.000	40.23	34.00	5.94	-29.60	50.57	125.30	74.73	PK	Horizontal
5	5866.029	44.64	34.03	5.94	-29.60	55.01	107.81	52.80	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N40 MIMO 5795 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

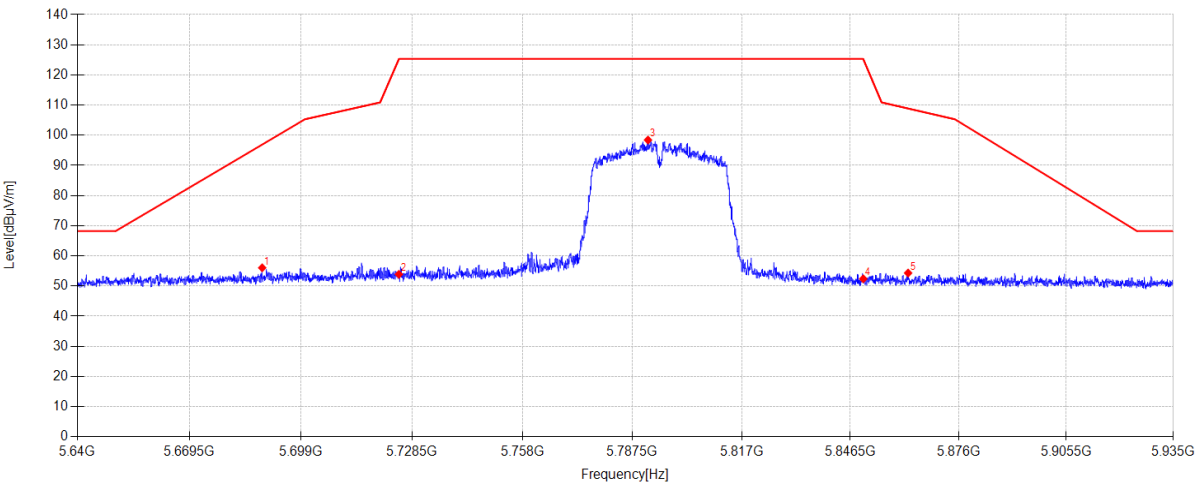
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Memo:

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	5688.705	46.24	33.55	5.85	-29.60	56.04	96.92	40.88	PK	Vertical
2	5725.000	43.87	33.75	5.87	-29.60	53.89	125.30	71.41	PK	Vertical
3	5791.719	87.97	34.15	5.91	-29.60	98.43	125.30	26.87	PK	Vertical
4	5850.000	42.05	34.00	5.94	-29.60	52.39	125.30	72.91	PK	Vertical
5	5862.224	43.96	34.02	5.94	-29.60	54.32	108.88	54.56	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11N40 MIMO 5795 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

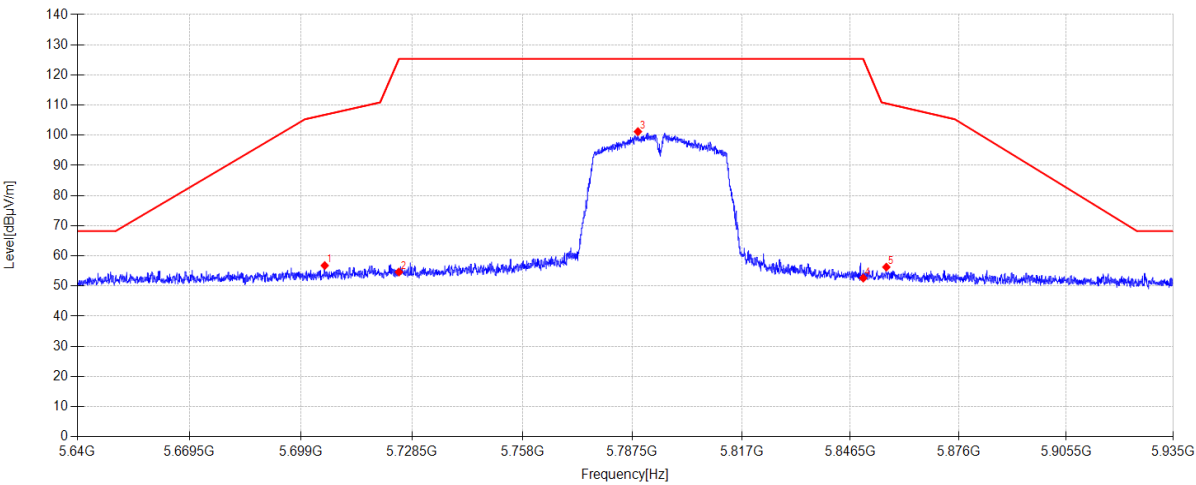
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d:\ts\2024 report data\Charge5 WIFI Gen2\FCC RE Above 1G 5.8G\28

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	5705.284	46.91	33.63	5.86	-29.60	56.80	106.78	49.98	PK	Horizontal
2	5725.000	44.62	33.75	5.87	-29.60	54.64	125.30	70.66	PK	Horizontal
3	5789.005	90.78	34.13	5.90	-29.60	101.21	125.30	24.09	PK	Horizontal
4	5850.000	42.29	34.00	5.94	-29.60	52.63	125.30	72.67	PK	Horizontal
5	5856.294	45.92	34.01	5.94	-29.60	56.27	110.54	54.27	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC20 MIMO 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

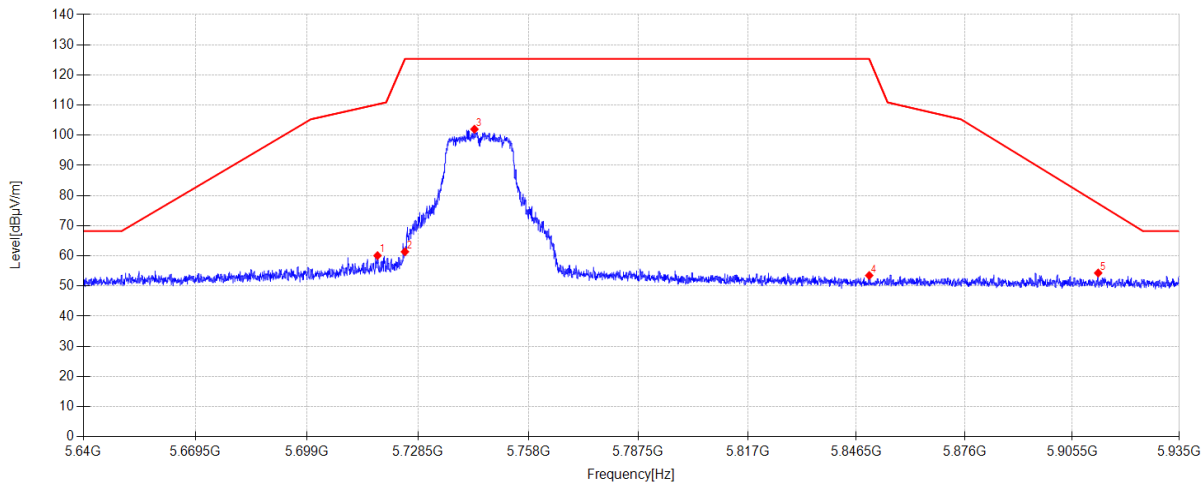
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Memo:

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	5717.703	50.11	33.71	5.87	-29.60	60.09	110.26	50.17	PK	Vertical
2	5725.000	51.35	33.75	5.87	-29.60	61.37	125.30	63.93	PK	Vertical
3	5743.545	91.86	33.86	5.88	-29.60	102.00	125.30	23.30	PK	Vertical
4	5850.000	43.16	34.00	5.94	-29.60	53.50	125.30	71.80	PK	Vertical
5	5912.639	43.82	34.13	5.97	-29.60	54.32	77.37	23.05	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC20 MIMO 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

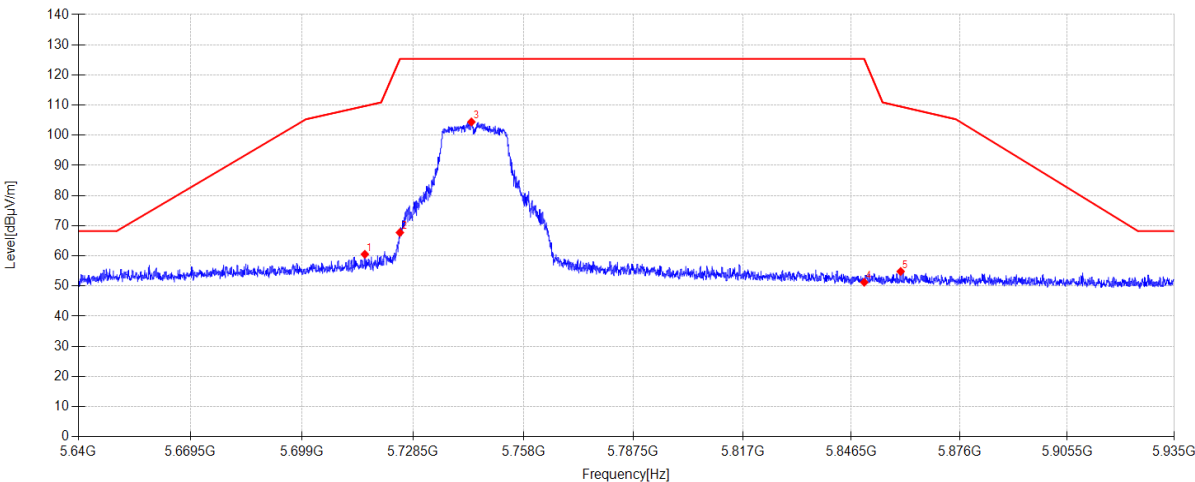
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Memo:

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	5715.668	50.57	33.69	5.87	-29.60	60.53	109.69	49.16	PK	Horizontal
2	5725.000	57.71	33.75	5.87	-29.60	67.73	125.30	57.57	PK	Horizontal
3	5744.076	94.28	33.86	5.88	-29.60	104.42	125.30	20.88	PK	Horizontal
4	5850.000	40.91	34.00	5.94	-29.60	51.25	125.30	74.05	PK	Horizontal
5	5859.923	44.47	34.02	5.94	-29.60	54.83	109.52	54.69	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC20 MIMO 5785 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

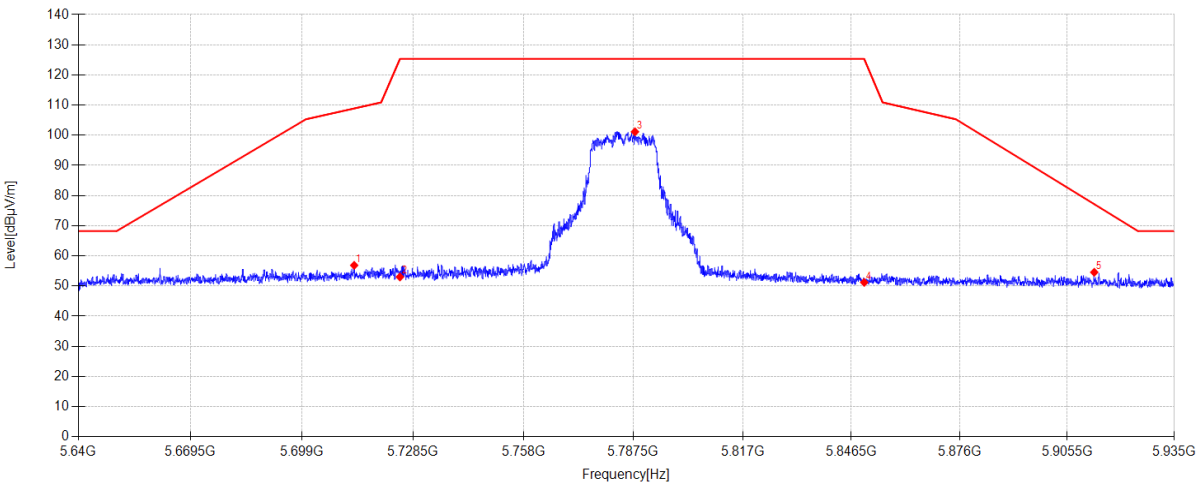
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Memo:

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	5712.836	46.91	33.68	5.87	-29.60	56.86	108.89	52.03	PK	Vertical
2	5725.000	42.99	33.75	5.87	-29.60	53.01	125.30	72.29	PK	Vertical
3	5787.943	90.72	34.13	5.90	-29.60	101.15	125.30	24.15	PK	Vertical
4	5850.000	40.87	34.00	5.94	-29.60	51.21	125.30	74.09	PK	Vertical
5	5912.934	44.07	34.13	5.97	-29.60	54.57	77.15	22.58	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC20 MIMO 5785 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

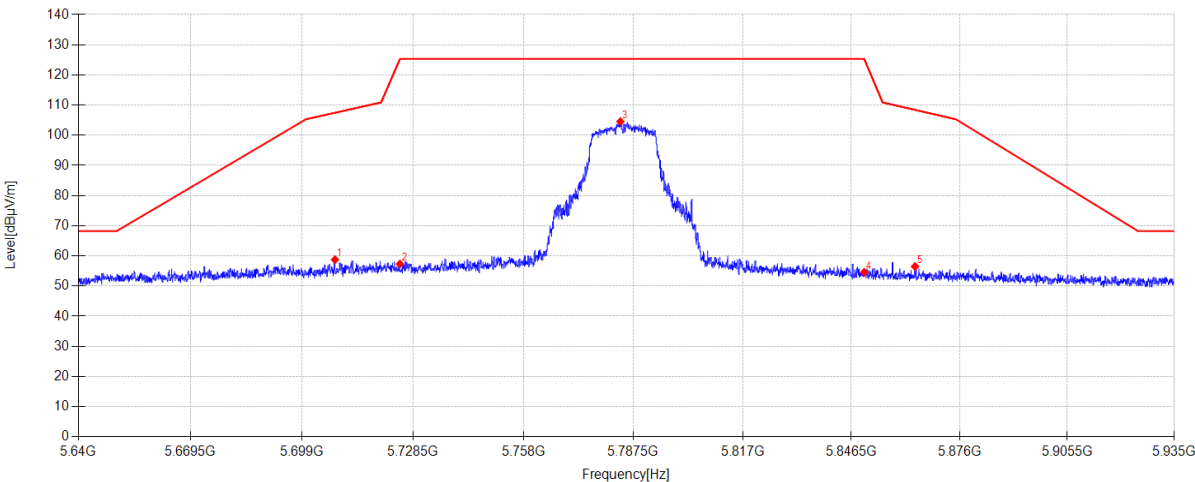
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Memo:

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	5707.732	48.81	33.65	5.86	-29.60	58.72	107.46	48.74	PK	Horizontal
2	5725.000	47.29	33.75	5.87	-29.60	57.31	125.30	67.99	PK	Horizontal
3	5784.019	94.14	34.10	5.90	-29.60	104.54	125.30	20.76	PK	Horizontal
4	5850.000	44.20	34.00	5.94	-29.60	54.54	125.30	70.76	PK	Horizontal
5	5863.846	46.11	34.03	5.94	-29.60	56.48	108.42	51.94	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC20 MIMO 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

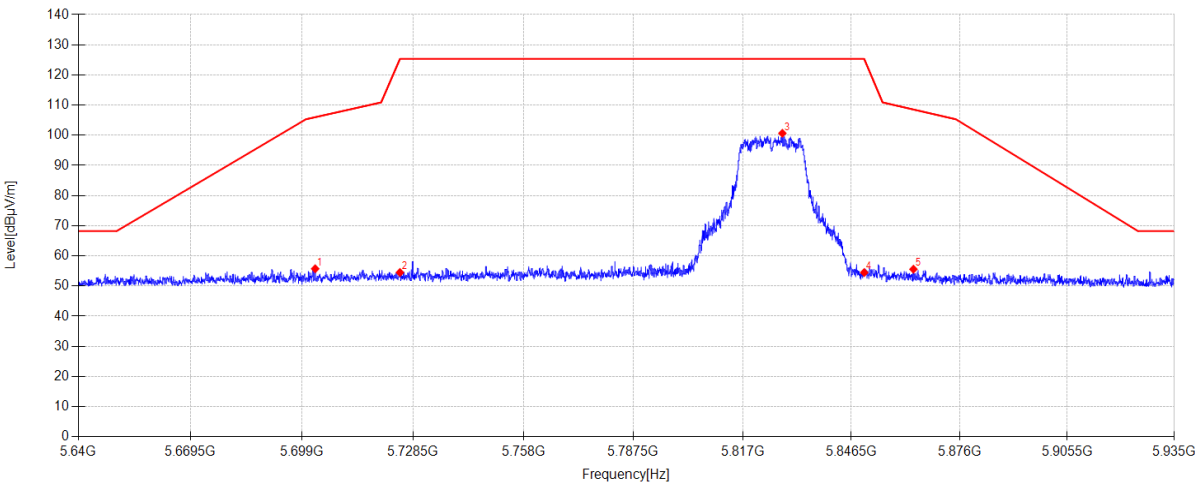
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Memo:

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	5702.481	45.86	33.61	5.86	-29.60	55.73	105.99	50.26	PK	Vertical
2	5725.000	44.48	33.75	5.87	-29.60	54.50	125.30	70.80	PK	Vertical
3	5827.768	90.24	34.09	5.92	-29.60	100.65	125.30	24.65	PK	Vertical
4	5850.000	44.13	34.00	5.94	-29.60	54.47	125.30	70.83	PK	Vertical
5	5863.404	45.20	34.03	5.94	-29.60	55.57	108.55	52.98	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC20 MIMO 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

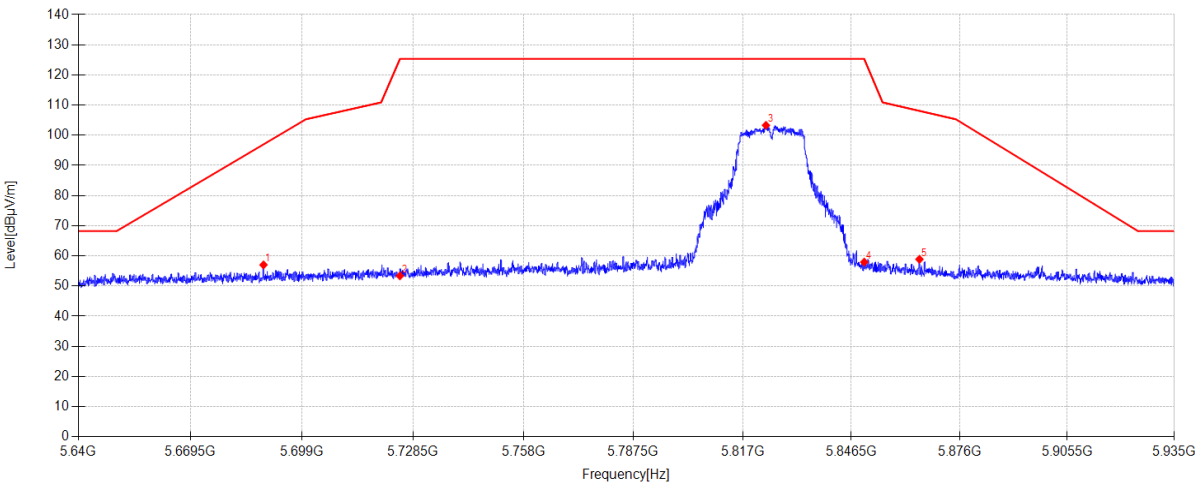
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Memo:

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	5688.793	47.21	33.56	5.85	-29.60	57.02	96.98	39.96	PK	Horizontal
2	5725.000	43.36	33.75	5.87	-29.60	53.38	125.30	71.92	PK	Horizontal
3	5823.313	92.87	34.11	5.92	-29.60	103.30	125.30	22.00	PK	Horizontal
4	5850.000	47.60	34.00	5.94	-29.60	57.94	125.30	67.36	PK	Horizontal
5	5865.056	48.50	34.03	5.94	-29.60	58.87	108.08	49.21	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC40 MIMO 5755 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

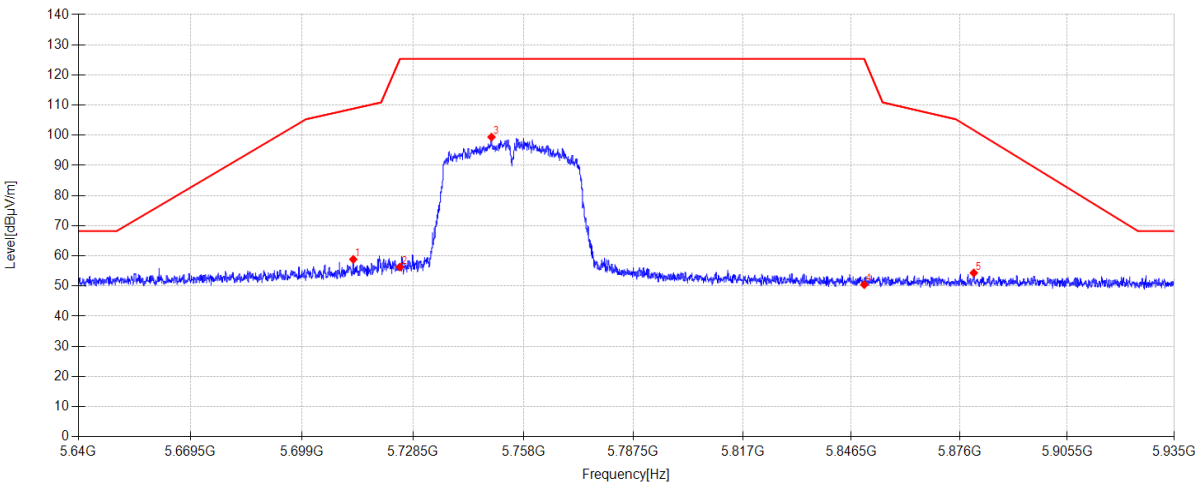
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Memo:

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	5712.600	48.89	33.68	5.87	-29.60	58.84	108.83	49.99	PK	Vertical
2	5725.000	46.26	33.75	5.87	-29.60	56.28	125.30	69.02	PK	Vertical
3	5749.445	89.21	33.90	5.88	-29.60	99.39	125.30	25.91	PK	Vertical
4	5850.000	40.12	34.00	5.94	-29.60	50.46	125.30	74.84	PK	Vertical
5	5879.894	43.94	34.06	5.95	-29.60	54.35	101.67	47.32	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC40 MIMO 5755 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

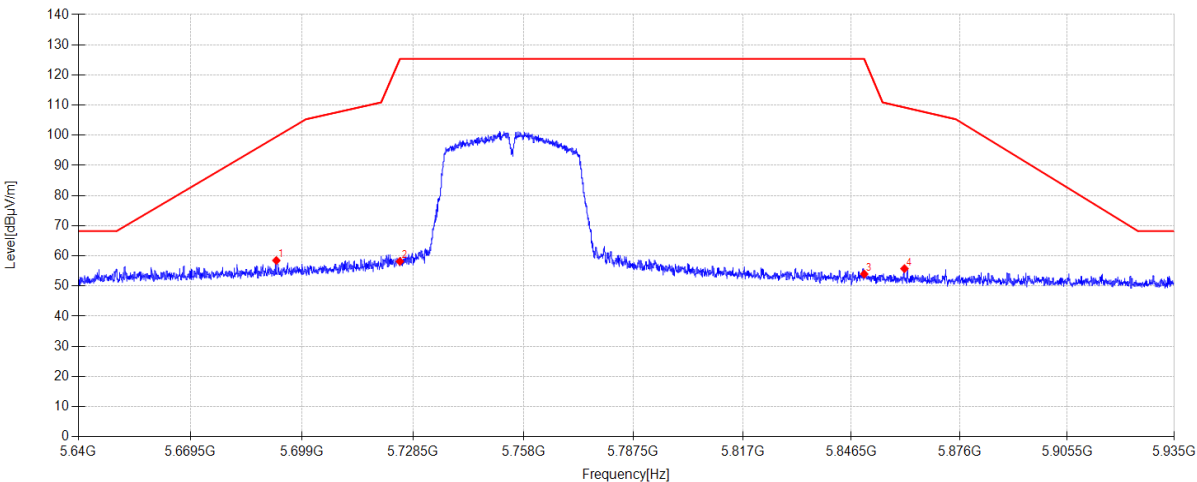
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Memo:

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	5692.186	48.64	33.57	5.86	-29.60	58.47	99.50	41.03	PK	Horizontal
2	5725.000	48.15	33.75	5.87	-29.60	58.17	125.30	67.13	PK	Horizontal
3	5850.000	43.63	34.00	5.94	-29.60	53.97	125.30	71.33	PK	Horizontal
4	5860.955	45.40	34.02	5.94	-29.60	55.76	109.23	53.47	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC40 MIMO 5795 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

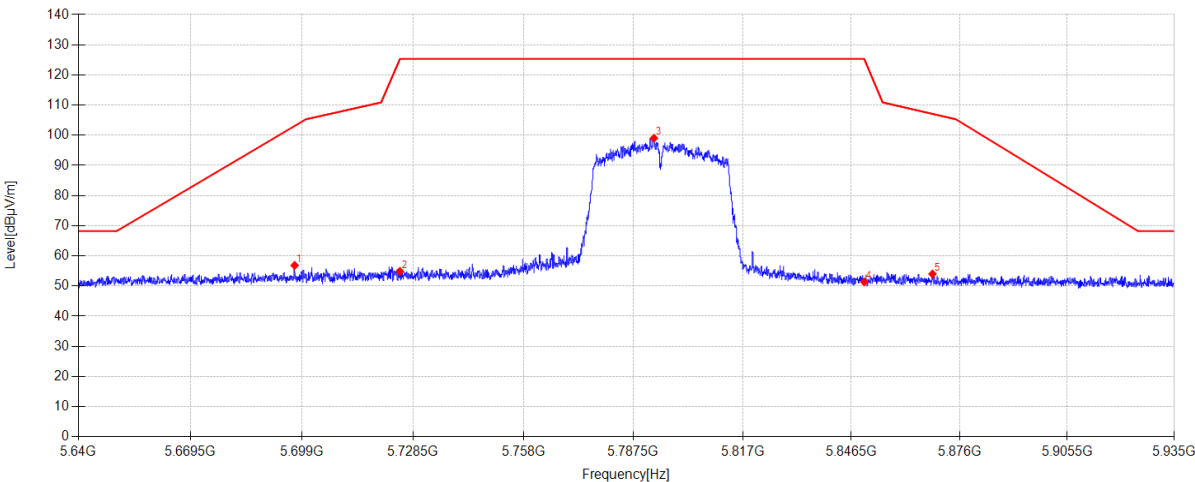
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Memo:

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	5697.024	47.00	33.59	5.86	-29.60	56.85	103.09	46.24	PK	Vertical
2	5725.000	44.87	33.75	5.87	-29.60	54.89	125.30	70.41	PK	Vertical
3	5793.046	88.57	34.16	5.91	-29.60	99.04	125.30	26.26	PK	Vertical
4	5850.000	41.03	34.00	5.94	-29.60	51.37	125.30	73.93	PK	Vertical
5	5868.596	43.61	34.04	5.94	-29.60	53.99	107.09	53.10	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC40 MIMO 5795 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

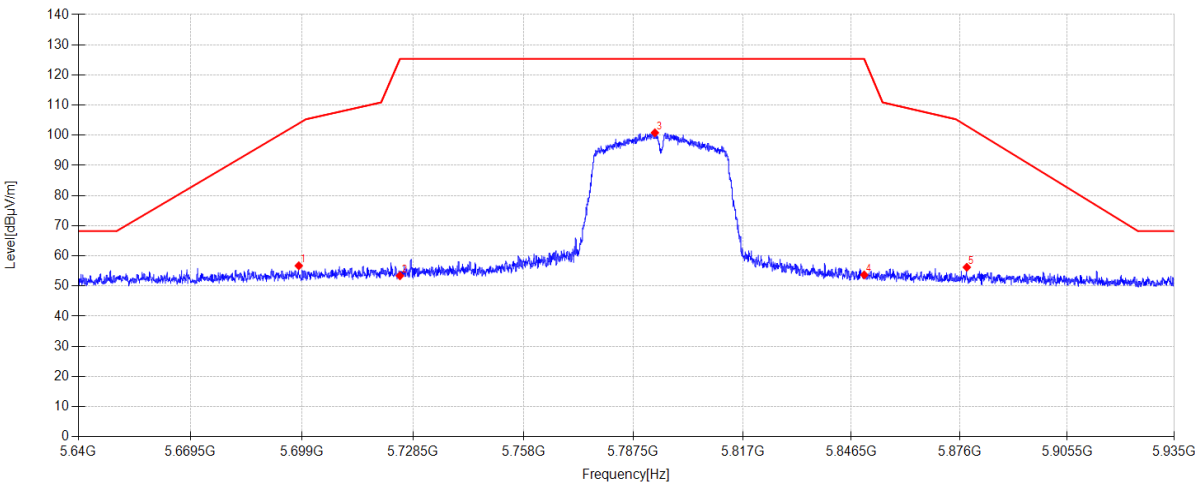
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d:\ts\2024 report data\Charge5 WIFI Gen2\FCC RE Above 1G 5.8G\18

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	5698.145	46.87	33.59	5.86	-29.60	56.72	103.92	47.20	PK	Horizontal
2	5725.000	43.38	33.75	5.87	-29.60	53.40	125.30	71.90	PK	Horizontal
3	5793.312	90.37	34.16	5.91	-29.60	100.84	125.30	24.46	PK	Horizontal
4	5850.000	43.36	34.00	5.94	-29.60	53.70	125.30	71.60	PK	Horizontal
5	5877.977	45.81	34.06	5.95	-29.60	56.22	103.09	46.87	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC80 MIMO 5795 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

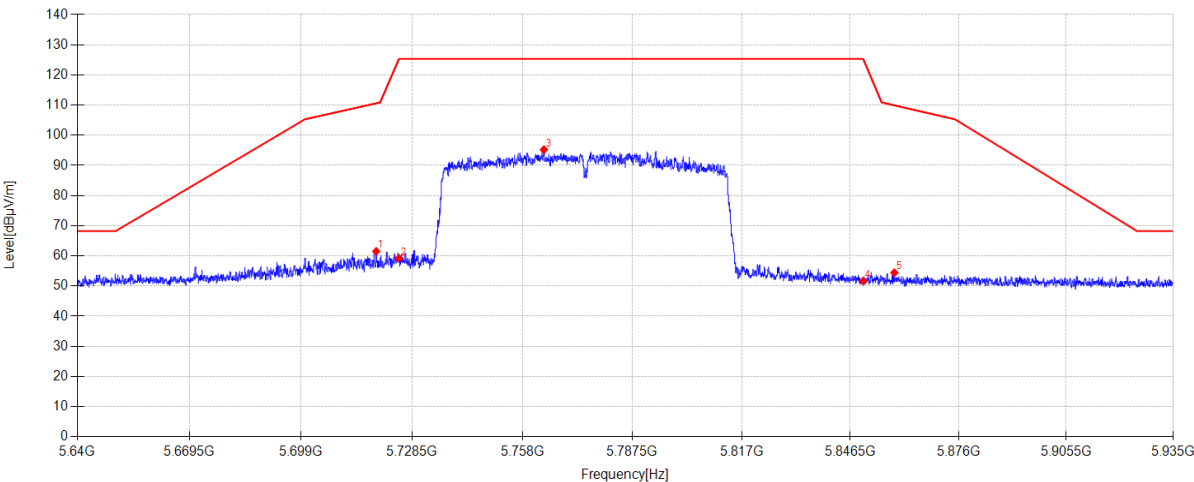
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Memo:

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	5718.972	51.54	33.71	5.87	-29.60	61.52	110.61	49.09	PK	Vertical
2	5725.000	49.17	33.75	5.87	-29.60	59.19	125.30	66.11	PK	Vertical
3	5763.753	84.97	33.98	5.89	-29.60	95.24	125.30	30.06	PK	Vertical
4	5850.000	41.32	34.00	5.94	-29.60	51.66	125.30	73.64	PK	Vertical
5	5858.477	44.05	34.02	5.94	-29.60	54.41	109.93	55.52	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AC80 MIMO 5795 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

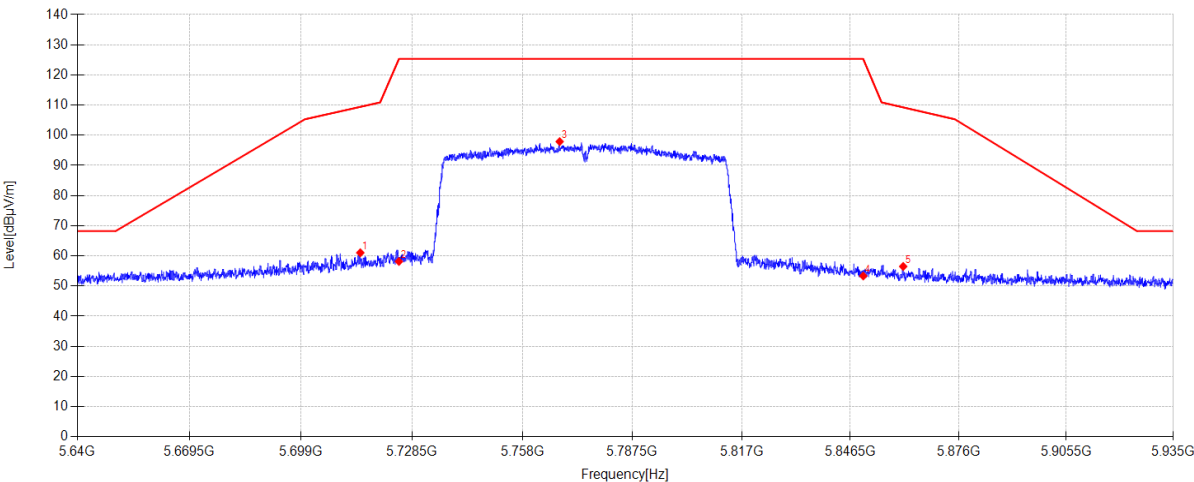
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Memo:

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	5714.724	51.07	33.69	5.87	-29.60	61.03	109.42	48.39	PK	Horizontal
2	5725.000	48.13	33.75	5.87	-29.60	58.15	125.30	67.15	PK	Horizontal
3	5767.971	87.61	34.01	5.89	-29.60	97.91	125.30	27.39	PK	Horizontal
4	5850.000	43.00	34.00	5.94	-29.60	53.34	125.30	71.96	PK	Horizontal
5	5860.896	46.13	34.02	5.94	-29.60	56.49	109.25	52.76	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

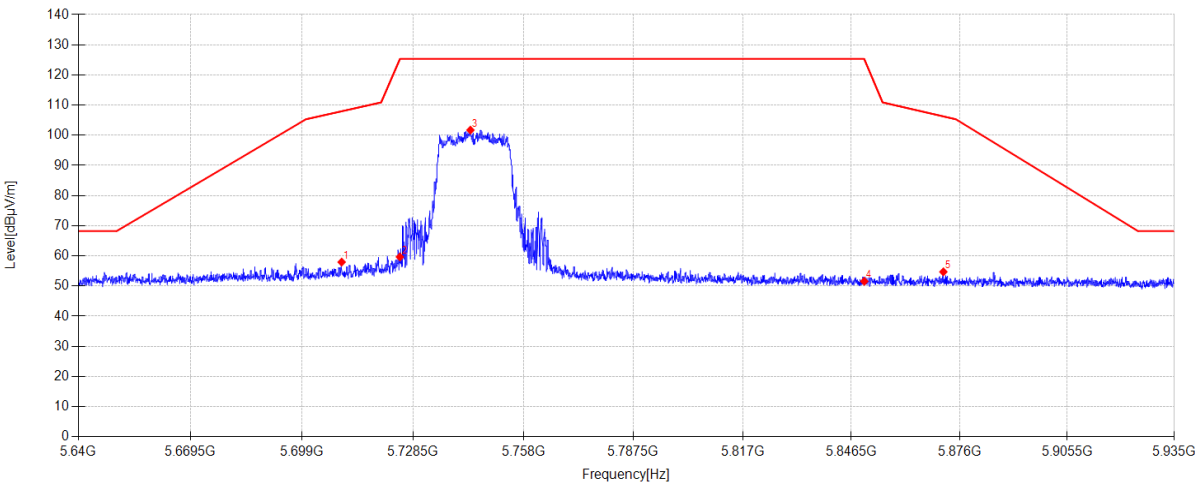
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Memo:

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	5709.502	48.02	33.66	5.86	-29.60	57.94	107.96	50.02	PK	Vertical
2	5725.000	49.62	33.75	5.87	-29.60	59.64	125.30	65.66	PK	Vertical
3	5743.811	91.58	33.86	5.88	-29.60	101.72	125.30	23.58	PK	Vertical
4	5850.000	41.23	34.00	5.94	-29.60	51.57	125.30	73.73	PK	Vertical
5	5871.575	44.32	34.04	5.95	-29.60	54.71	106.26	51.55	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

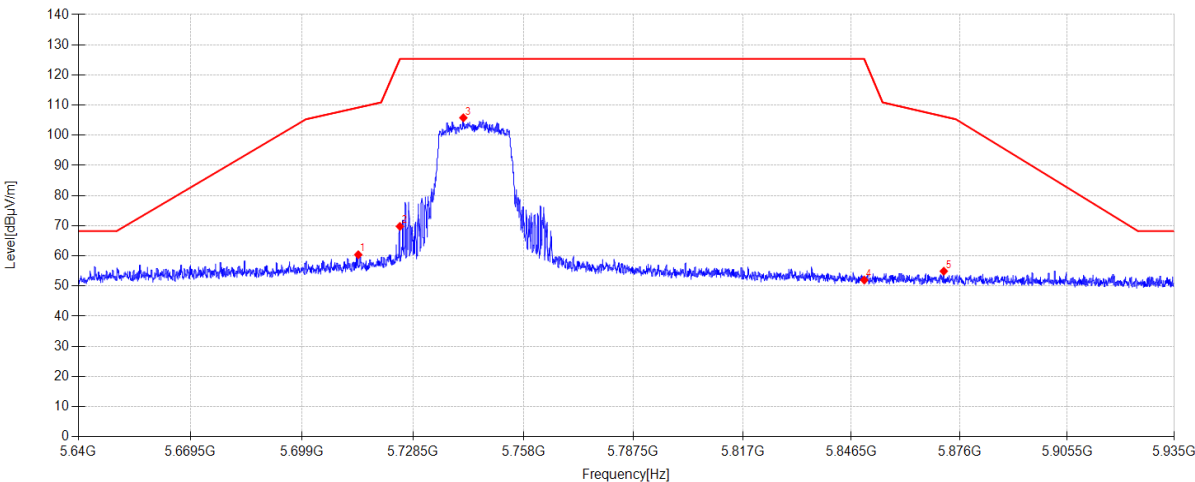
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Memo:

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	5713.927	50.43	33.68	5.87	-29.60	60.38	109.20	48.82	PK	Horizontal
2	5725.000	59.74	33.75	5.87	-29.60	69.76	125.30	55.54	PK	Horizontal
3	5741.923	95.66	33.85	5.88	-29.60	105.79	125.30	19.51	PK	Horizontal
4	5850.000	41.66	34.00	5.94	-29.60	52.00	125.30	73.30	PK	Horizontal
5	5871.693	44.53	34.04	5.95	-29.60	54.92	106.23	51.31	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 5785 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

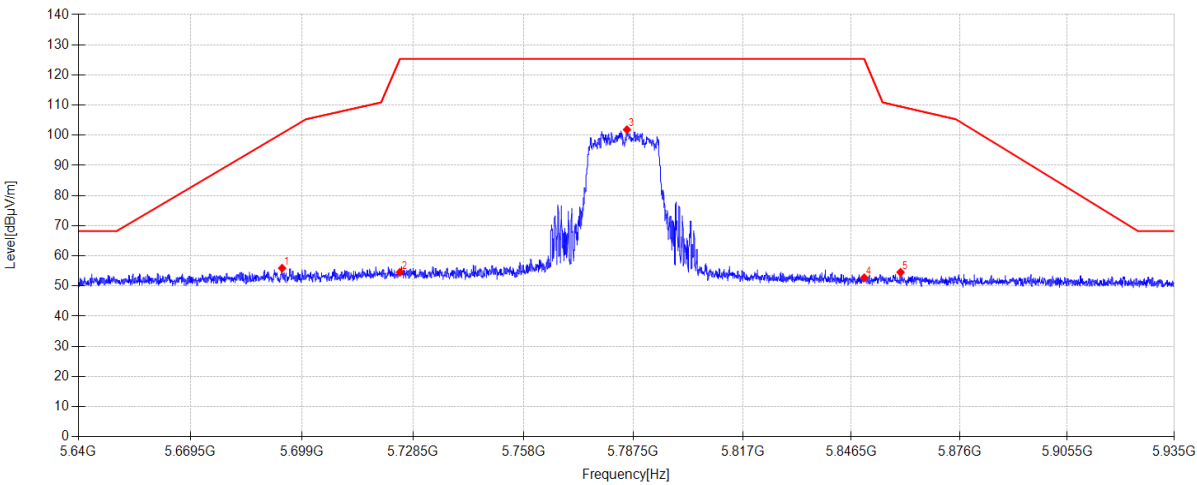
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Memo:

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	5693.720	46.08	33.57	5.86	-29.60	55.91	100.64	44.73	PK	Vertical
2	5725.000	44.53	33.75	5.87	-29.60	54.55	125.30	70.75	PK	Vertical
3	5785.789	91.45	34.11	5.90	-29.60	101.86	125.30	23.44	PK	Vertical
4	5850.000	42.41	34.00	5.94	-29.60	52.75	125.30	72.55	PK	Vertical
5	5859.893	44.20	34.02	5.94	-29.60	54.56	109.53	54.97	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 5785 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

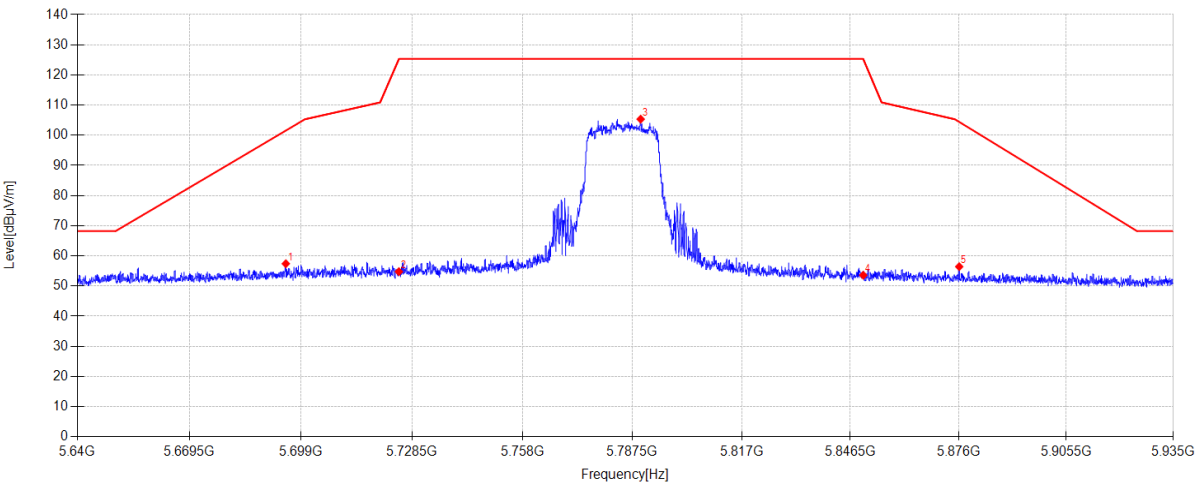
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Memo:

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	5694.959	47.56	33.58	5.86	-29.60	57.40	101.56	44.16	PK	Horizontal
2	5725.000	44.75	33.75	5.87	-29.60	54.77	125.30	70.53	PK	Horizontal
3	5789.742	94.90	34.14	5.90	-29.60	105.34	125.30	19.96	PK	Horizontal
4	5850.000	43.25	34.00	5.94	-29.60	53.59	125.30	71.71	PK	Horizontal
5	5876.177	46.02	34.05	5.95	-29.60	56.42	104.43	48.01	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

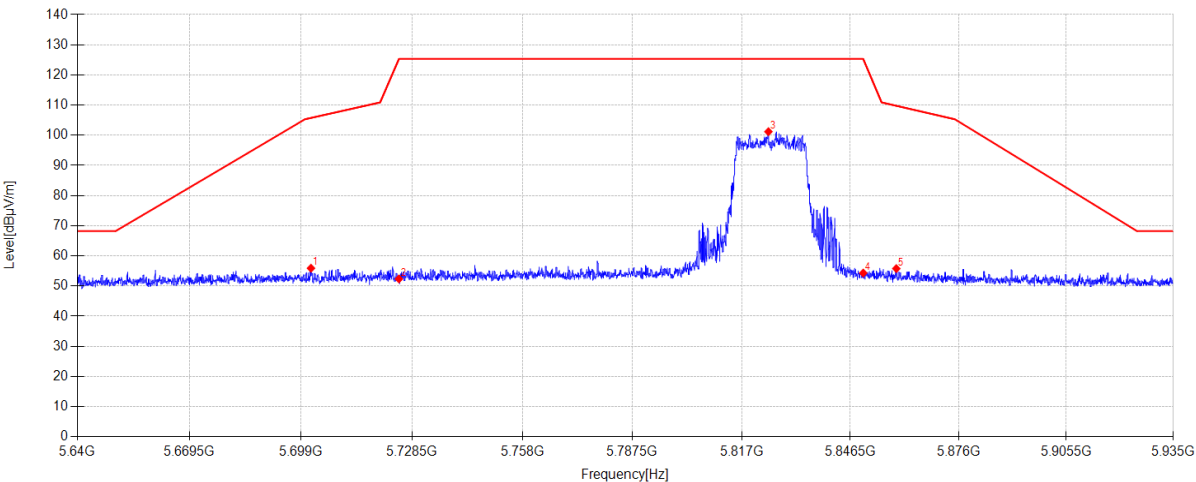
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Memo:

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	5701.626	46.04	33.61	5.86	-29.60	55.91	105.76	49.85	PK	Vertical
2	5725.000	42.34	33.75	5.87	-29.60	52.36	125.30	72.94	PK	Vertical
3	5824.257	90.77	34.10	5.92	-29.60	101.19	125.30	24.11	PK	Vertical
4	5850.000	43.98	34.00	5.94	-29.60	54.32	125.30	70.98	PK	Vertical
5	5859.008	45.43	34.02	5.94	-29.60	55.79	109.78	53.99	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

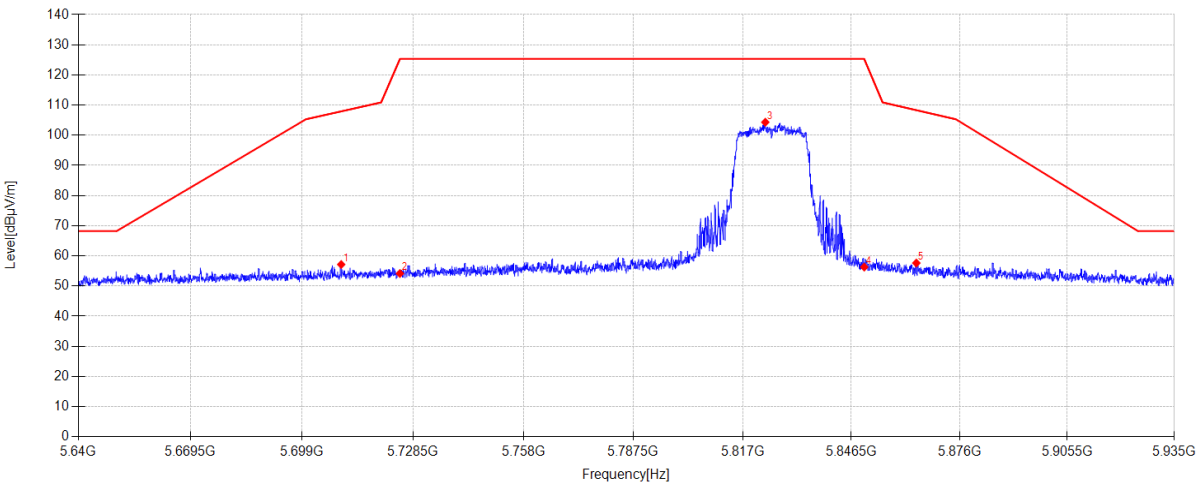
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Memo:

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	5709.384	47.23	33.66	5.86	-29.60	57.15	107.93	50.78	PK	Horizontal
2	5725.000	44.14	33.75	5.87	-29.60	54.16	125.30	71.14	PK	Horizontal
3	5823.136	93.89	34.11	5.92	-29.60	104.32	125.30	20.98	PK	Horizontal
4	5850.000	45.94	34.00	5.94	-29.60	56.28	125.30	69.02	PK	Horizontal
5	5864.200	47.25	34.03	5.94	-29.60	57.62	108.32	50.70	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX40 MIMO 5755 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

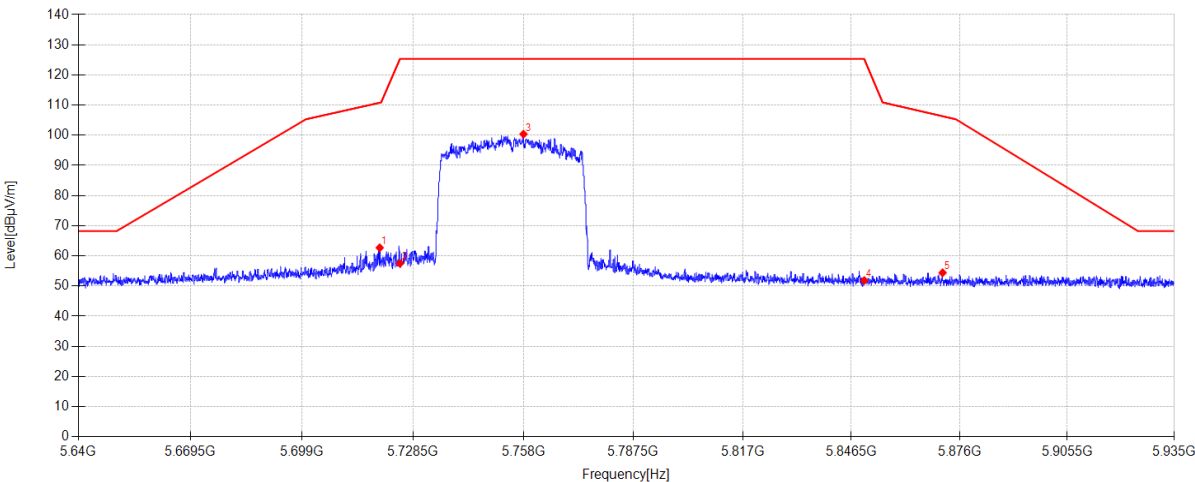
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Memo:

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	5719.621	52.71	33.72	5.87	-29.60	62.70	110.79	48.09	PK	Vertical
2	5725.000	47.50	33.75	5.87	-29.60	57.52	125.30	67.78	PK	Vertical
3	5758.000	90.14	33.95	5.89	-29.60	100.38	125.30	24.92	PK	Vertical
4	5850.000	41.49	34.00	5.94	-29.60	51.83	125.30	73.47	PK	Vertical
5	5871.369	44.01	34.04	5.95	-29.60	54.40	106.32	51.92	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX40 MIMO 5755 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

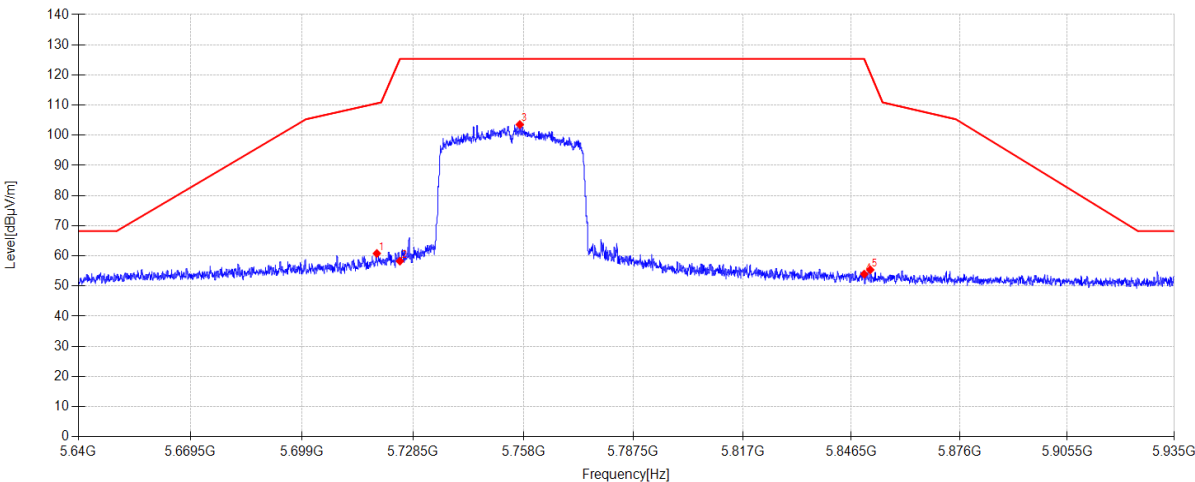
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Memo:

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	5718.854	50.82	33.71	5.87	-29.60	60.80	110.58	49.78	PK	Horizontal
2	5725.000	48.26	33.75	5.87	-29.60	58.28	125.30	67.02	PK	Horizontal
3	5757.027	93.32	33.94	5.89	-29.60	103.55	125.30	21.75	PK	Horizontal
4	5850.000	43.60	34.00	5.94	-29.60	53.94	125.30	71.36	PK	Horizontal
5	5851.633	45.03	34.00	5.94	-29.60	55.37	120.60	65.23	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX40 MIMO 5795 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

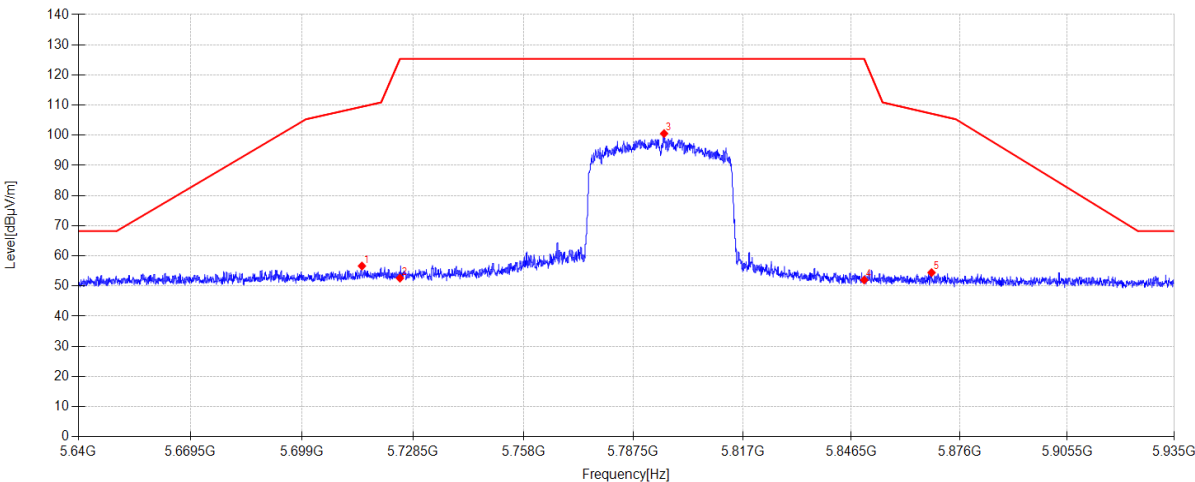
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Memo:

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	5714.901	46.68	33.69	5.87	-29.60	56.64	109.47	52.83	PK	Vertical
2	5725.000	42.60	33.75	5.87	-29.60	52.62	125.30	72.68	PK	Vertical
3	5795.790	90.07	34.17	5.91	-29.60	100.55	125.30	24.75	PK	Vertical
4	5850.000	41.67	34.00	5.94	-29.60	52.01	125.30	73.29	PK	Vertical
5	5868.360	44.07	34.04	5.94	-29.60	54.45	107.16	52.71	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX40 MIMO 5795 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

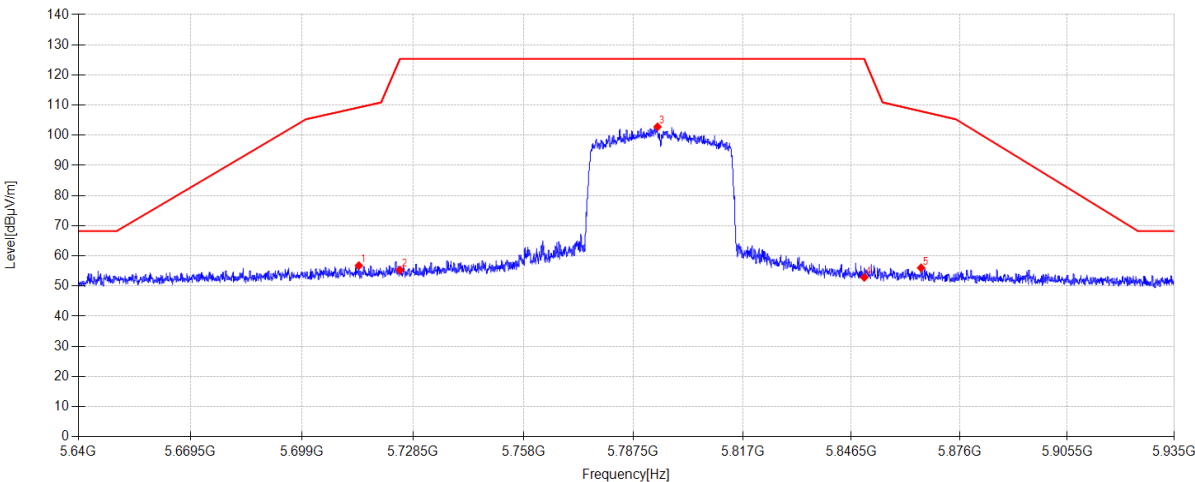
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Memo:

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	5714.075	46.82	33.68	5.87	-29.60	56.77	109.24	52.47	PK	Horizontal
2	5725.000	45.30	33.75	5.87	-29.60	55.32	125.30	69.98	PK	Horizontal
3	5794.020	92.34	34.16	5.91	-29.60	102.81	125.30	22.49	PK	Horizontal
4	5850.000	42.54	34.00	5.94	-29.60	52.88	125.30	72.42	PK	Horizontal
5	5865.498	45.66	34.03	5.94	-29.60	56.03	107.96	51.93	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:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX80 MIMO 5775 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

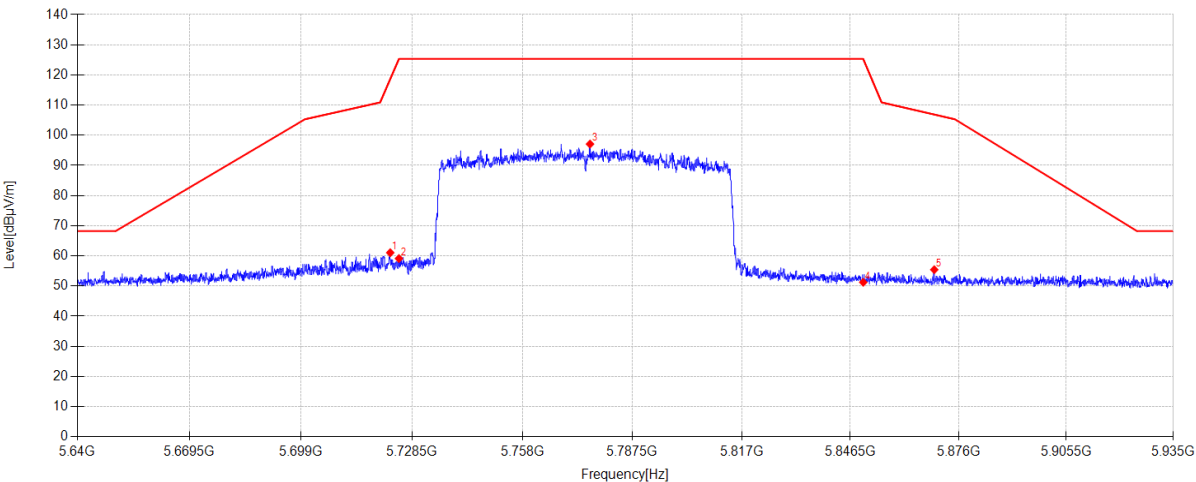
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d:\ts\2024 report data\Charge5 WIFI Gen2\FCC RE Above 1G 5.8G\1

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	5722.689	51.05	33.74	5.87	-29.60	61.06	118.64	57.58	PK	Vertical
2	5725.000	49.11	33.75	5.87	-29.60	59.13	125.30	66.17	PK	Vertical
3	5776.113	86.73	34.06	5.90	-29.60	97.09	125.30	28.21	PK	Vertical
4	5850.000	40.90	34.00	5.94	-29.60	51.24	125.30	74.06	PK	Vertical
5	5869.363	45.05	34.04	5.94	-29.60	55.43	106.88	51.45	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-12

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX80 MIMO 5775 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

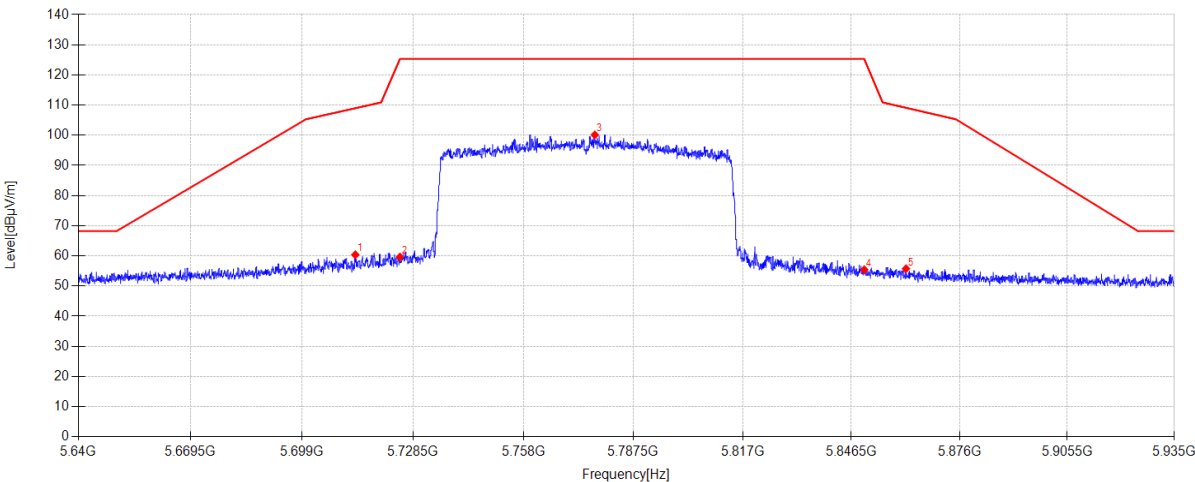
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Memo:

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	5713.131	50.42	33.68	5.87	-29.60	60.37	108.98	48.61	PK	Horizontal
2	5725.000	49.61	33.75	5.87	-29.60	59.63	125.30	65.67	PK	Horizontal
3	5777.146	89.77	34.06	5.90	-29.60	100.13	125.30	25.17	PK	Horizontal
4	5850.000	45.07	34.00	5.94	-29.60	55.41	125.30	69.89	PK	Horizontal
5	5861.368	45.38	34.02	5.94	-29.60	55.74	109.12	53.38	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO RU0 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

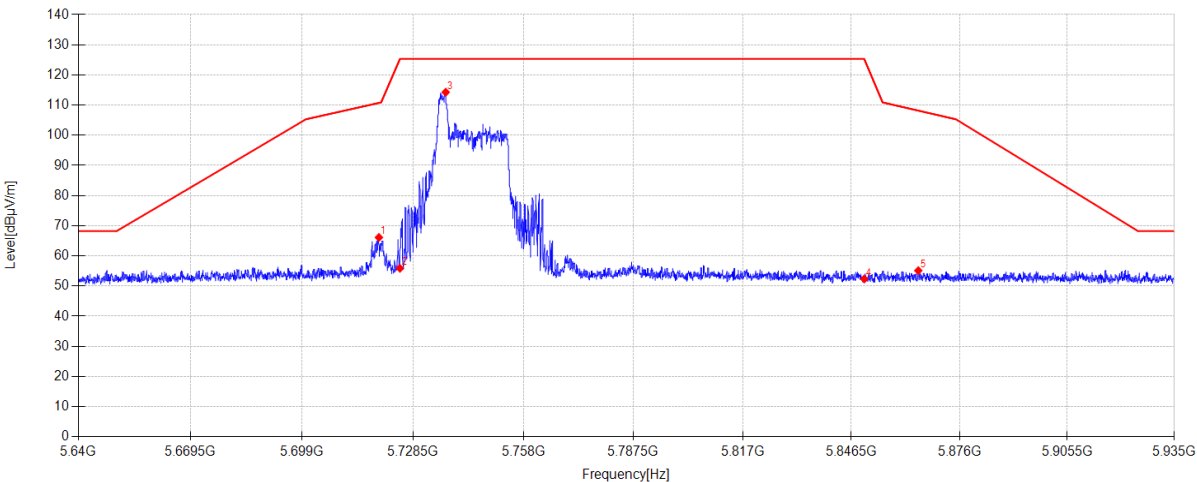
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Memo:

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	5719.414	56.12	33.72	5.87	-29.60	66.11	110.74	44.63	PK	Horizontal
2	5725.000	45.86	33.75	5.87	-29.60	55.88	125.30	69.42	PK	Horizontal
3	5737.203	104.18	33.82	5.88	-29.60	114.28	125.30	11.02	PK	Horizontal
4	5850.000	42.00	34.00	5.94	-29.60	52.34	125.30	72.96	PK	Horizontal
5	5864.731	44.75	34.03	5.94	-29.60	55.12	108.18	53.06	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO RU0 5745 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

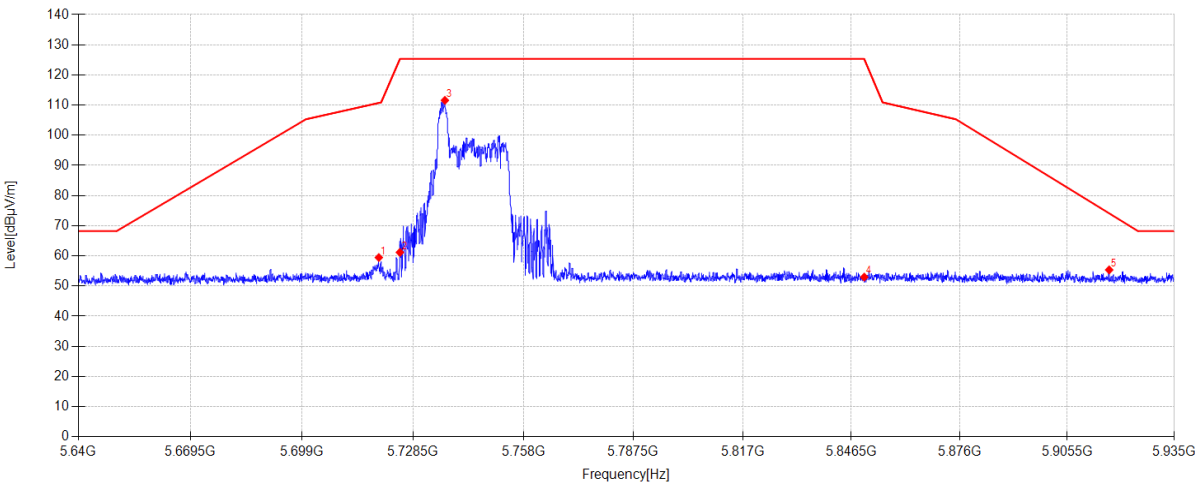
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Memo:

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	5719.385	49.46	33.72	5.87	-29.60	59.45	110.73	51.28	PK	Vertical
2	5725.000	51.14	33.75	5.87	-29.60	61.16	125.30	64.14	PK	Vertical
3	5736.996	101.48	33.82	5.88	-29.60	111.58	125.30	13.72	PK	Vertical
4	5850.000	42.63	34.00	5.94	-29.60	52.97	125.30	72.33	PK	Vertical
5	5917.035	44.86	34.13	5.97	-29.60	55.36	74.11	18.75	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO RU8 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

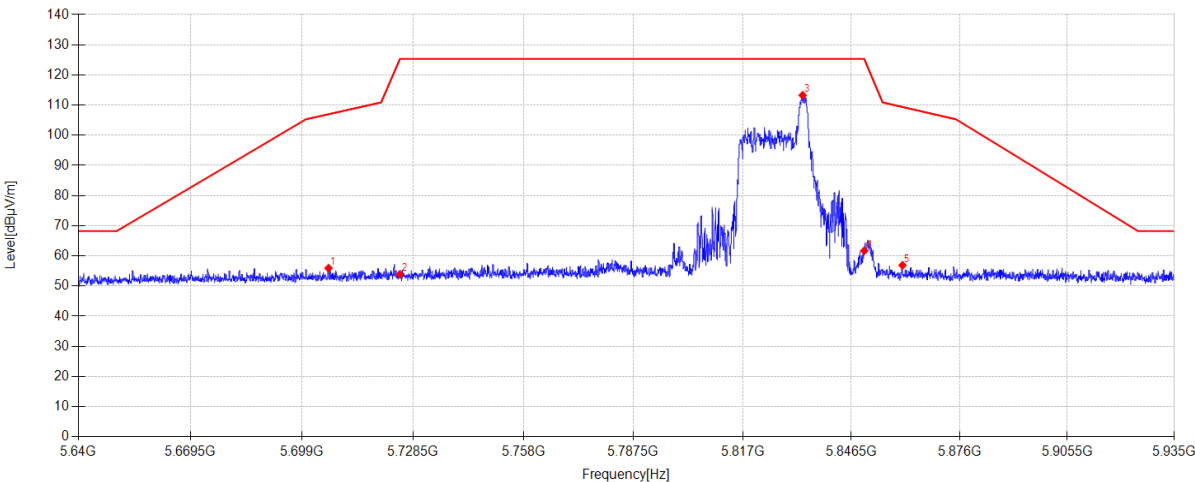
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Memo:

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	5706.021	46.02	33.64	5.86	-29.60	55.92	106.99	51.07	PK	Horizontal
2	5725.000	43.88	33.75	5.87	-29.60	53.90	125.30	71.40	PK	Horizontal
3	5833.255	102.86	34.07	5.93	-29.60	113.26	125.30	12.04	PK	Horizontal
4	5850.000	51.35	34.00	5.94	-29.60	61.69	125.30	63.61	PK	Horizontal
5	5860.424	46.53	34.02	5.94	-29.60	56.89	109.38	52.49	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi SE

Test Mode:

11AX20 MIMO RU8 5825 MHz TX

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:49.4%

Test Site:

DDT 3# Chamber

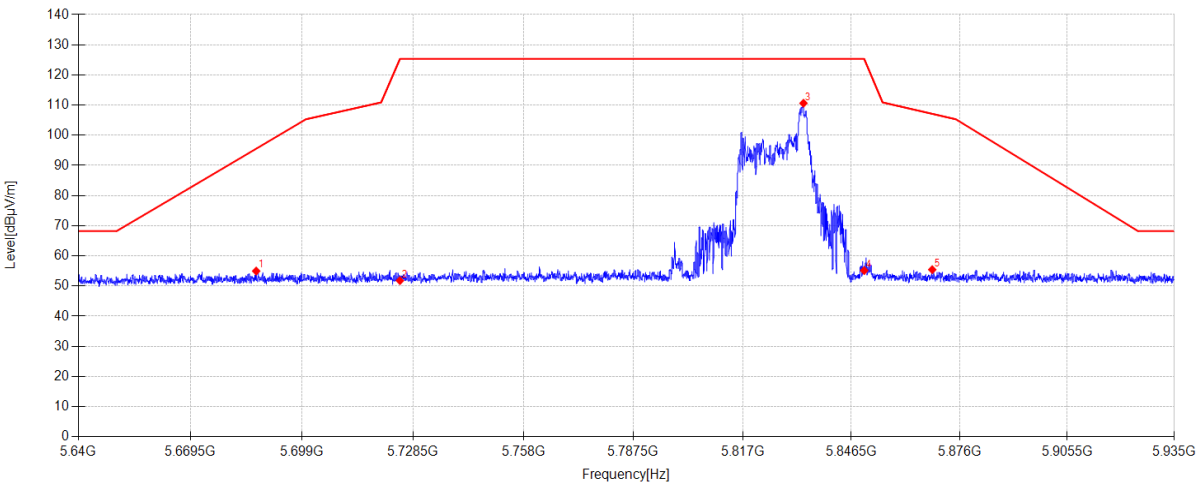
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Memo:

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	5686.846	45.17	33.55	5.85	-29.60	54.97	95.54	40.57	PK	Vertical
2	5725.000	41.77	33.75	5.87	-29.60	51.79	125.30	73.51	PK	Vertical
3	5833.491	100.23	34.07	5.93	-29.60	110.63	125.30	14.67	PK	Vertical
4	5850.000	44.80	34.00	5.94	-29.60	55.14	125.30	70.16	PK	Vertical
5	5868.537	45.05	34.04	5.94	-29.60	55.43	107.11	51.68	PK	Vertical

Note:

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

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

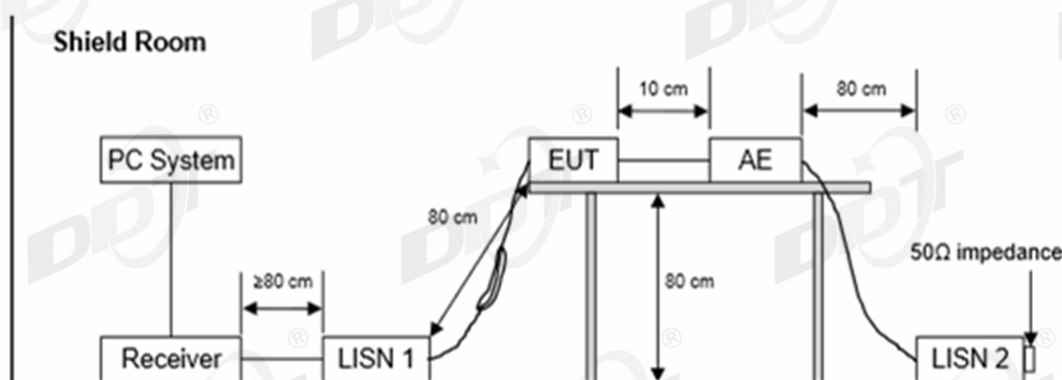
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15.Power Line Conducted Emissions

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
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
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025/07/08
Δ-shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2025/03/31
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
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

15.2. Block diagram of test setup



15.3. 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.

15.4. 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

15.5. 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.

15.6. 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.

15.7. 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

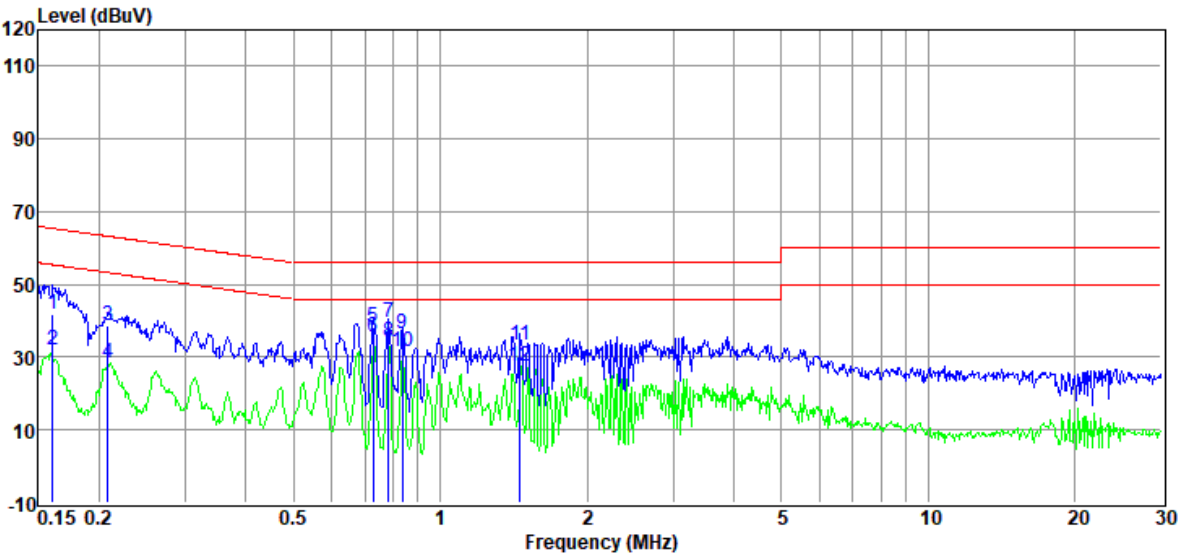
Test Mode

: Tx mode

LISN

: 2024 ENV216 3#/LINE

Data: 18



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	22.00	9.78	0.07	9.83	41.68	65.43	-23.75	QP	LINE
2	0.16	12.47	9.78	0.07	9.83	32.15	55.43	-23.28	Average	LINE
3	0.21	19.12	9.77	0.06	9.83	38.78	63.27	-24.49	QP	LINE
4	0.21	8.63	9.77	0.06	9.83	28.29	53.27	-24.98	Average	LINE
5	0.73	18.62	9.75	0.06	9.84	38.27	56.00	-17.73	QP	LINE
6	0.73	15.76	9.75	0.06	9.84	35.41	46.00	-10.59	Average	LINE
7	0.78	19.97	9.75	0.05	9.84	39.61	56.00	-16.39	QP	LINE
8	0.78	14.59	9.75	0.05	9.84	34.23	46.00	-11.77	Average	LINE
9	0.83	17.00	9.75	0.06	9.84	36.65	56.00	-19.35	QP	LINE
10	0.83	11.98	9.75	0.06	9.84	31.63	46.00	-14.37	Average	LINE
11	1.46	13.60	9.75	0.12	9.84	33.31	56.00	-22.69	QP	LINE
12	1.46	7.83	9.75	0.12	9.84	27.54	46.00	-18.46	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.

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

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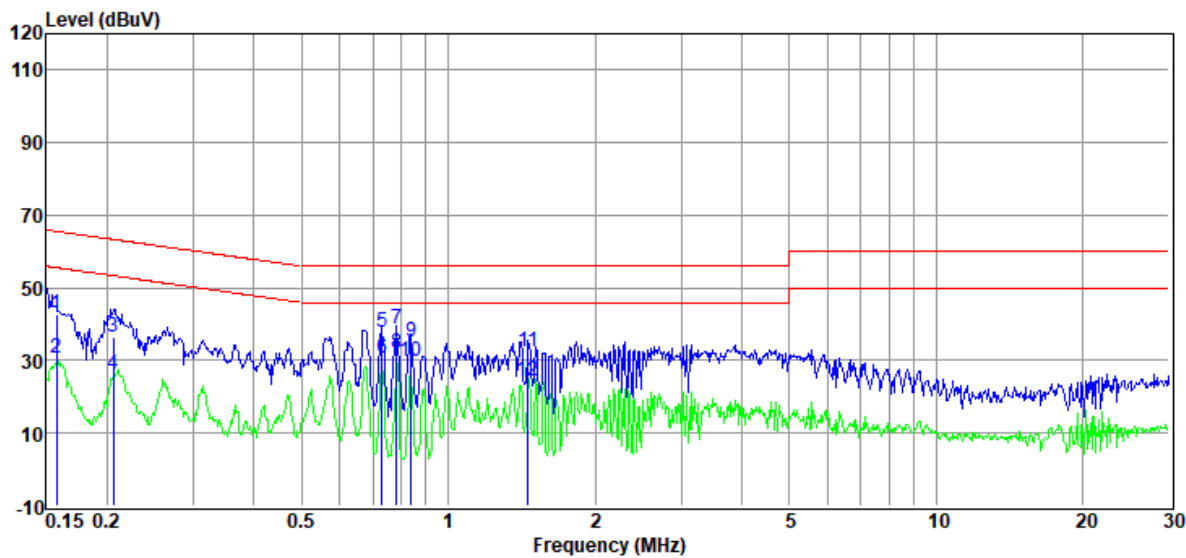
Tested By : Genliu

Model Number : CHARGE 5 Wi-Fi SE

Test Mode : Tx mode

LISN : 2024 ENV216 3#/NEUTRAL

Data: 20



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	23.24	9.78	0.07	9.83	42.92	65.60	-22.68	QP	NEUTRAL
2	0.16	10.88	9.78	0.07	9.83	30.56	55.60	-25.04	Average	NEUTRAL
3	0.21	17.01	9.76	0.06	9.83	36.66	63.36	-26.70	QP	NEUTRAL
4	0.21	6.58	9.76	0.06	9.83	26.23	53.36	-27.13	Average	NEUTRAL
5	0.73	18.11	9.75	0.06	9.84	37.76	56.00	-18.24	QP	NEUTRAL
6	0.73	11.05	9.75	0.06	9.84	30.70	46.00	-15.30	Average	NEUTRAL
7	0.78	18.98	9.75	0.05	9.84	38.62	56.00	-17.38	QP	NEUTRAL
8	0.78	12.38	9.75	0.05	9.84	32.02	46.00	-13.98	Average	NEUTRAL
9	0.84	15.40	9.75	0.07	9.84	35.06	56.00	-20.94	QP	NEUTRAL
10	0.84	10.32	9.75	0.07	9.84	29.98	46.00	-16.02	Average	NEUTRAL
11	1.46	12.84	9.77	0.12	9.84	32.57	56.00	-23.43	QP	NEUTRAL
12	1.46	4.45	9.77	0.12	9.84	24.18	46.00	-21.82	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.

17. Photos of the EUT

Please refer to DDT-Q24121719-2E appendix I

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