

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-10-25

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX80 TX 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

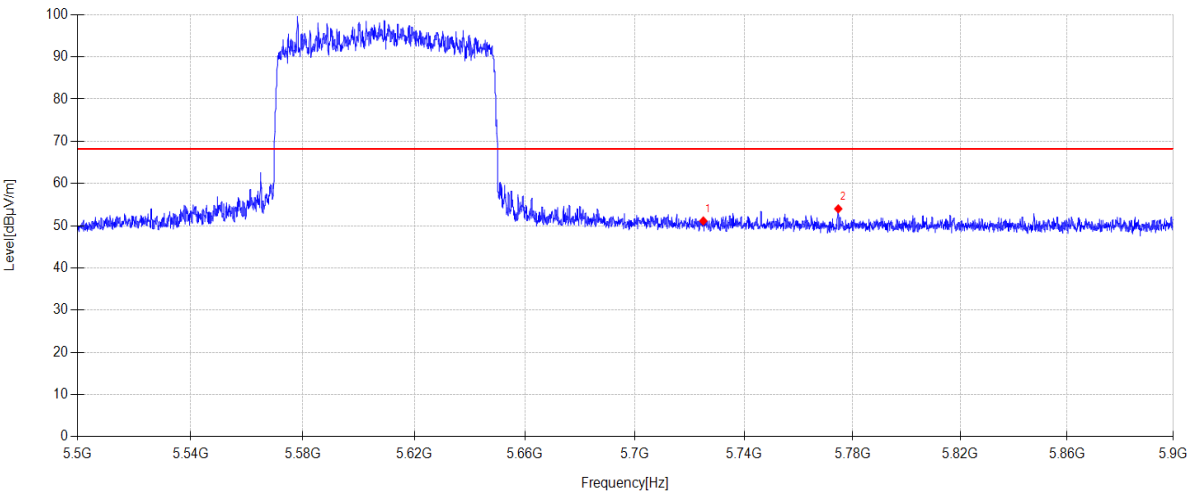
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Memo:

Sample Number: S24081509-003

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.32	33.75	5.66	-29.60	51.13	68.20	17.07	PK	Horizontal
2	5774.720	43.87	34.05	5.69	-29.60	54.01	68.20	14.19	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:

2024-10-25

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX80 TX 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

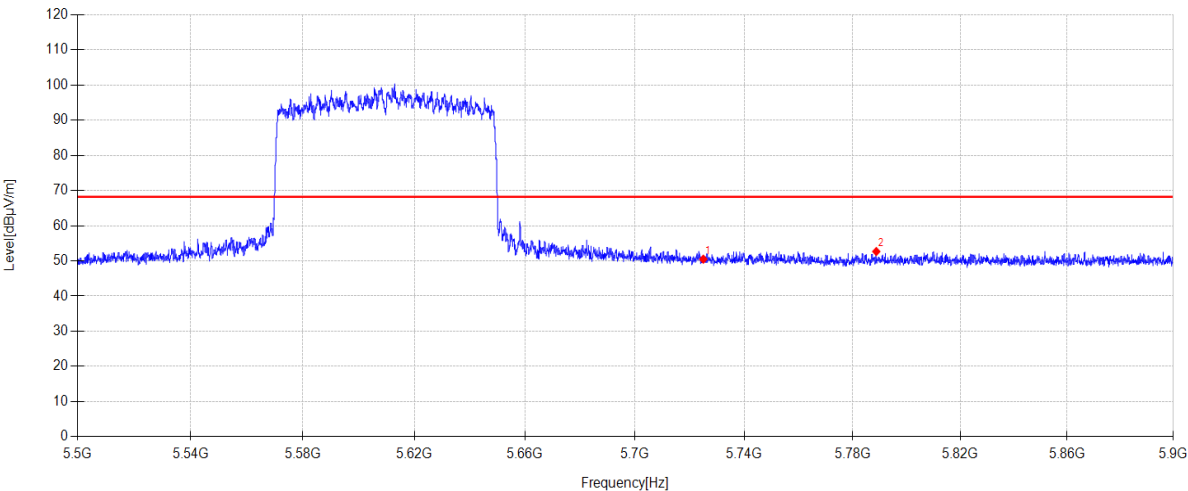
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Memo:

Sample Number: S24081509-003

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	40.68	33.75	5.66	-29.60	50.49	68.20	17.71	PK	Vertical
2	5788.800	42.45	34.13	5.70	-29.60	52.68	68.20	15.52	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU0 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

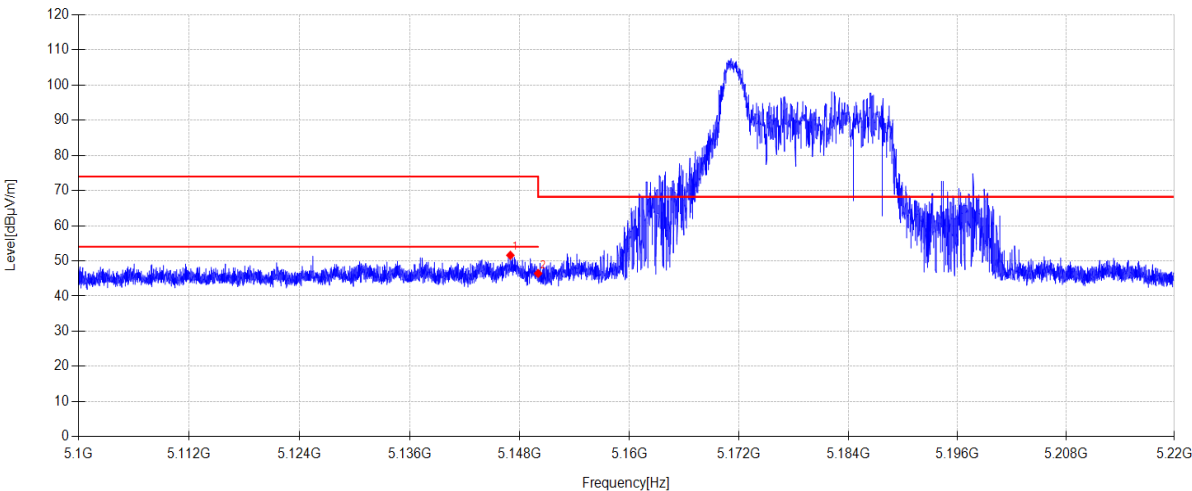
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Memo:

Sample Number: S24081509-003

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	5146.968	52.97	33.40	5.28	-40.06	51.59	74.00	22.41	PK	Horizontal
2	5150.000	47.82	33.40	5.28	-40.06	46.44	68.20	21.76	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU0 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

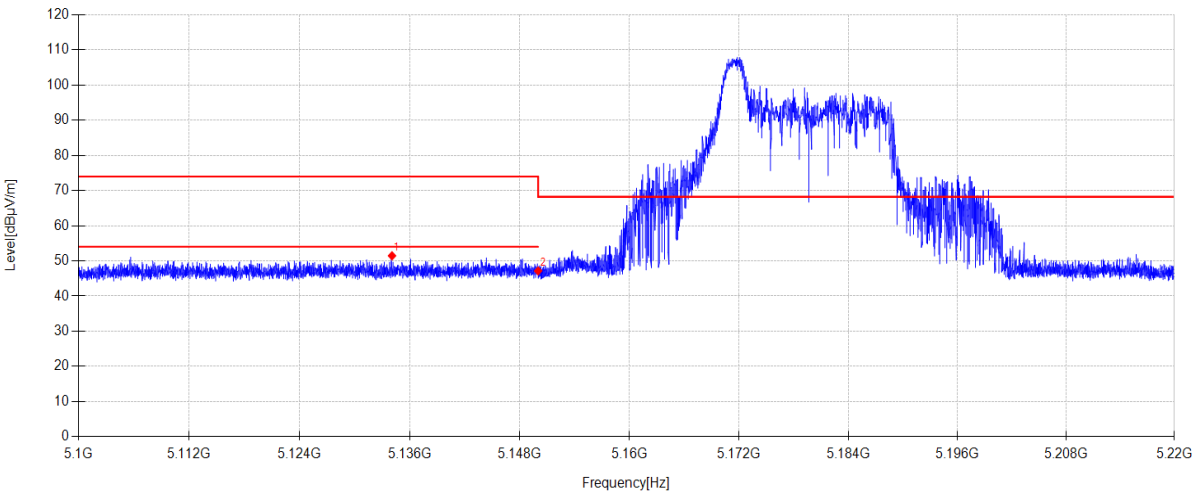
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Memo:

Sample Number: S24081509-003

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	5134.056	52.85	33.40	5.27	-40.06	51.46	74.00	22.54	PK	Vertical
2	5150.000	48.53	33.40	5.28	-40.06	47.15	68.20	21.05	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU8 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

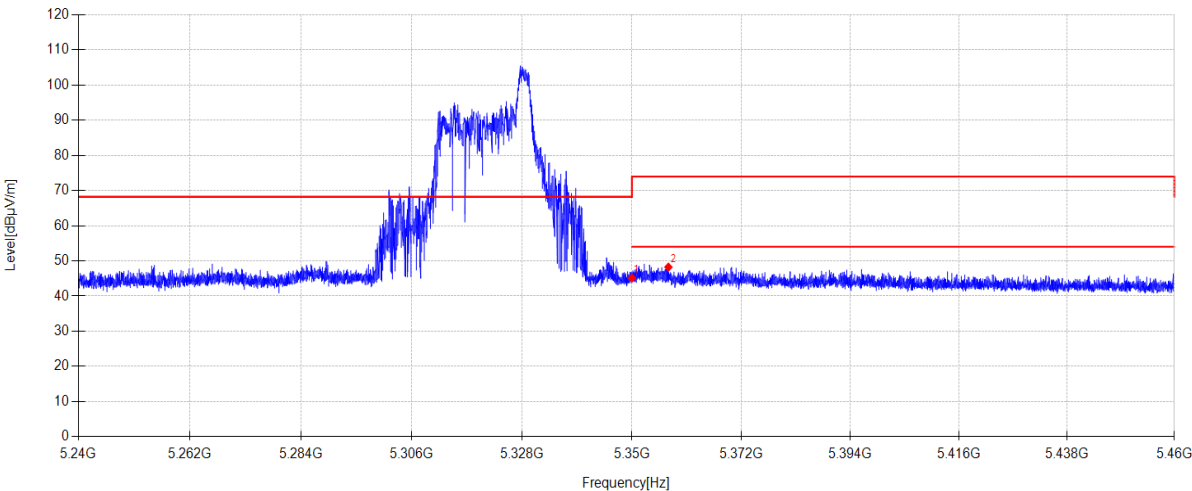
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Memo:

Sample Number: S24081509-003

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	5350.000	46.64	33.10	5.41	-40.03	45.12	68.20	23.08	PK	Horizontal
2	5357.326	49.74	33.10	5.42	-40.03	48.23	74.00	25.77	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU8 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

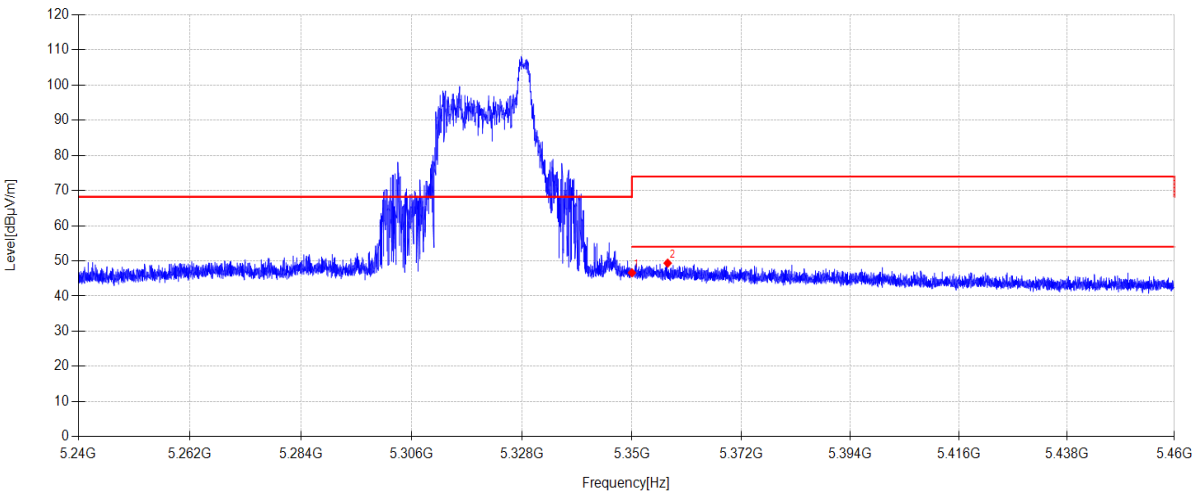
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Memo:

Sample Number: S24081509-003

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	5350.000	48.14	33.10	5.41	-40.03	46.62	68.20	21.58	PK	Vertical
2	5357.172	50.87	33.10	5.42	-40.03	49.36	74.00	24.64	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU0 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

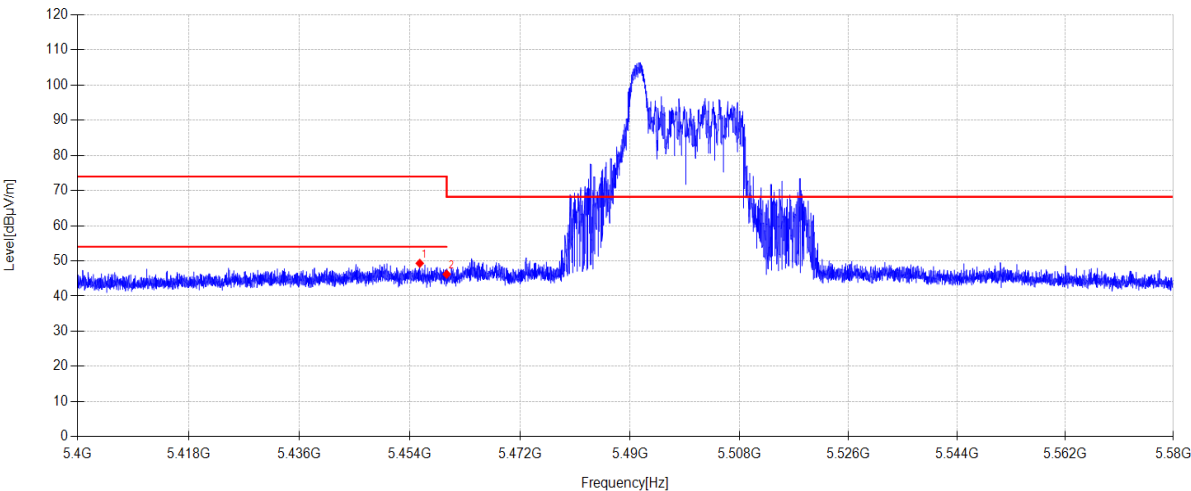
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Memo:

Sample Number: S24081509-003

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	5455.602	50.85	33.00	5.48	-40.02	49.31	74.00	24.69	PK	Horizontal
2	5460.000	47.76	33.00	5.48	-40.02	46.22	68.20	21.98	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU0 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

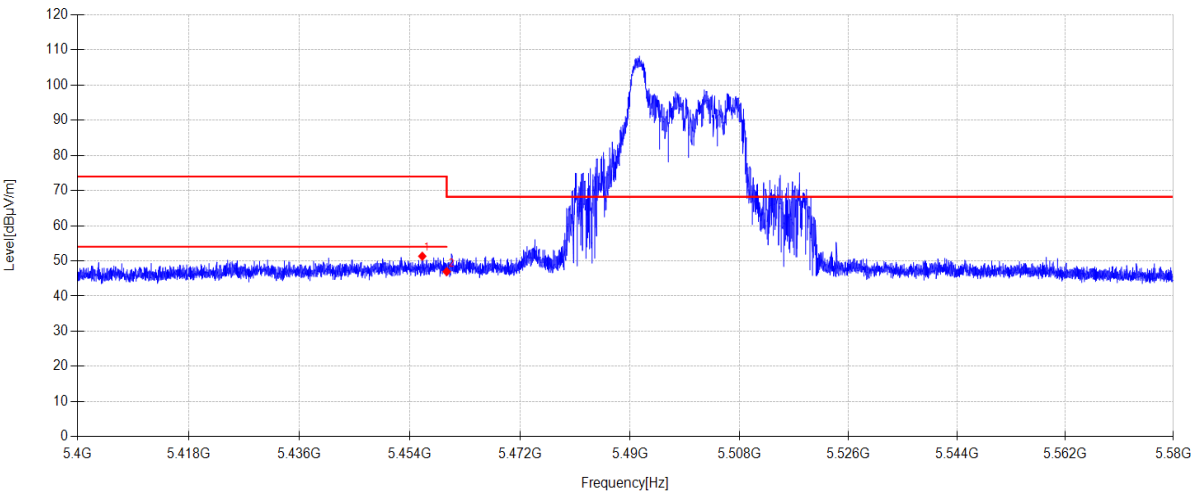
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Memo:

Sample Number: S24081509-003

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	5456.016	52.86	33.00	5.48	-40.02	51.32	74.00	22.68	PK	Vertical
2	5460.000	48.49	33.00	5.48	-40.02	46.95	68.20	21.25	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU8 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

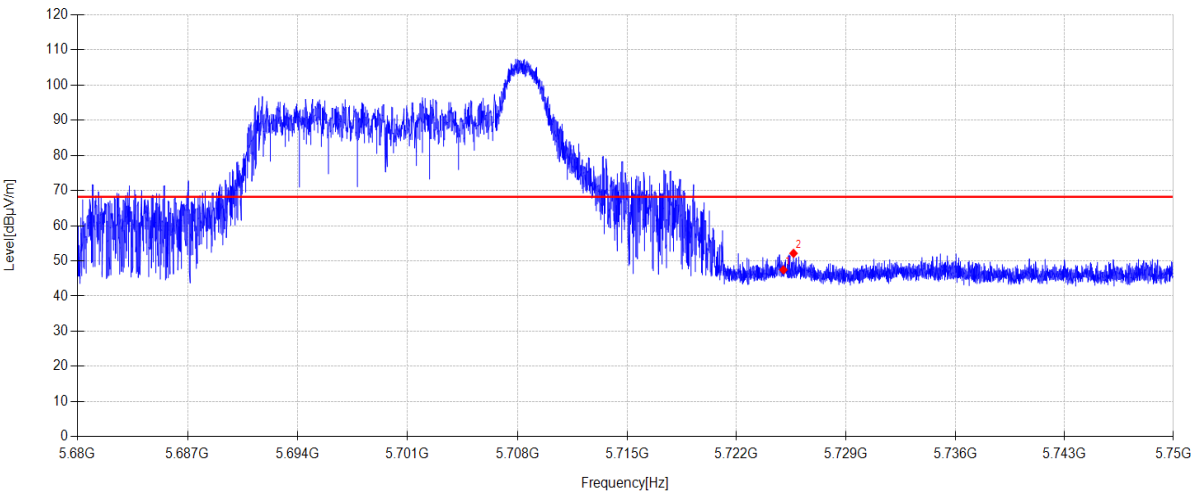
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Memo:

Sample Number: S24081509-003

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	5725.000	48.04	33.75	5.66	-39.99	47.46	68.20	20.74	PK	Horizontal
2	5725.647	52.73	33.75	5.66	-39.99	52.15	68.20	16.05	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU8 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

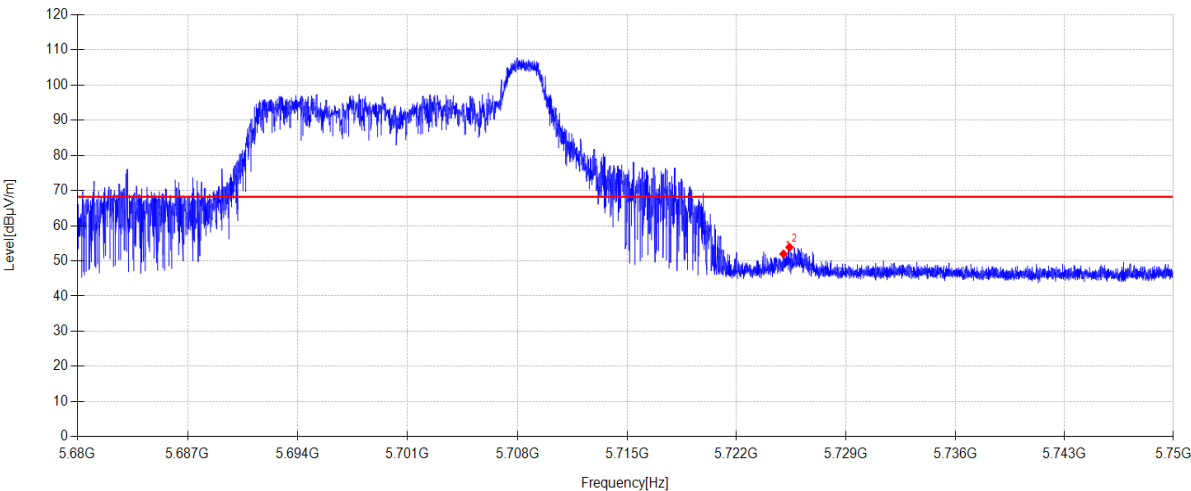
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Memo:

Sample Number: S24081509-003

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	5725.000	52.55	33.75	5.66	-39.99	51.97	68.20	16.23	PK	Vertical
2	5725.388	54.48	33.75	5.66	-39.99	53.90	68.20	14.30	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT1 11A TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

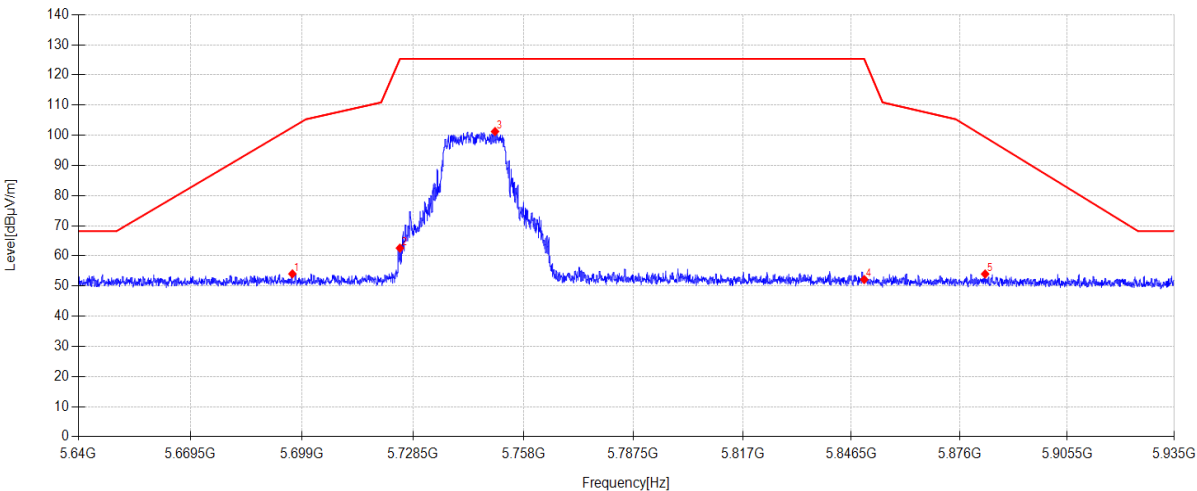
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Memo:

Sample Number: S24081509-003

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	5696.434	44.58	33.59	5.86	-29.99	54.04	102.65	48.61	PK	Horizontal
2	5725.000	52.94	33.75	5.87	-29.99	62.57	125.30	62.73	PK	Horizontal
3	5750.389	91.43	33.90	5.89	-29.98	101.24	125.30	24.06	PK	Horizontal
4	5850.000	42.19	34.00	5.94	-29.97	52.16	125.27	73.11	PK	Horizontal
5	5882.992	43.94	34.07	5.95	-29.97	53.99	99.37	45.38	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT1 11A TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

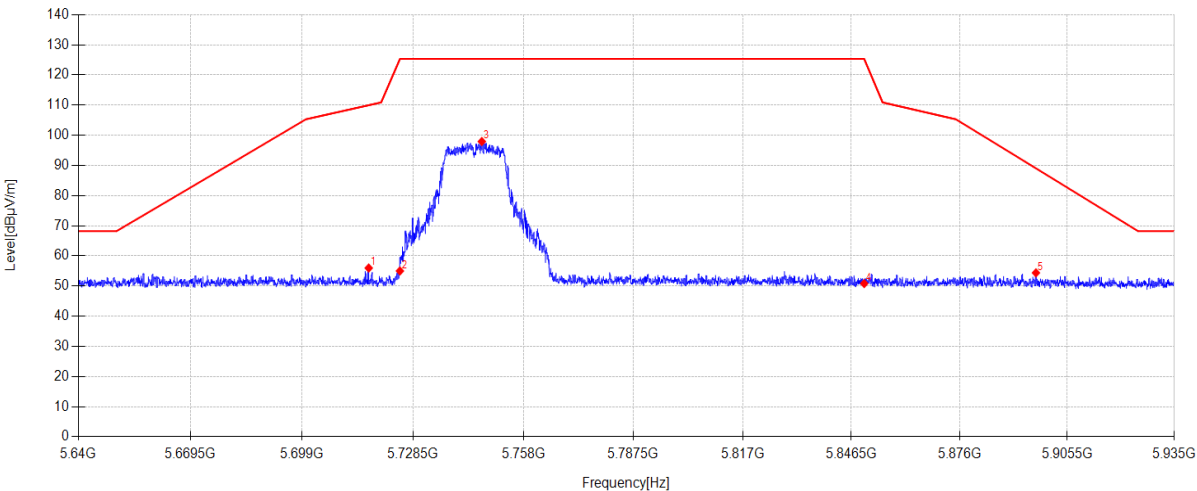
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Memo:

Sample Number: S24081509-003

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	5716.700	46.39	33.70	5.87	-29.99	55.97	109.98	54.01	PK	Vertical
2	5725.000	45.37	33.75	5.87	-29.99	55.00	125.30	70.30	PK	Vertical
3	5746.849	88.15	33.88	5.88	-29.98	97.93	125.30	27.37	PK	Vertical
4	5850.000	40.86	34.00	5.94	-29.97	50.83	125.27	74.44	PK	Vertical
5	5896.916	44.29	34.09	5.96	-29.96	54.38	89.04	34.66	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT1 11A TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

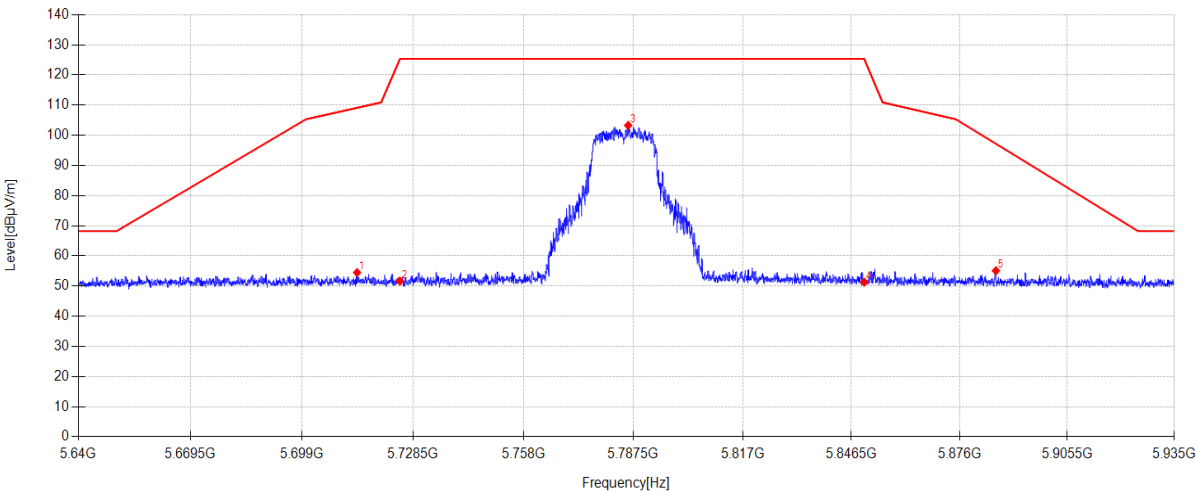
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Memo:

Sample Number: S24081509-003

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	5713.603	44.90	33.68	5.87	-29.99	54.46	109.11	54.65	PK	Horizontal
2	5725.000	42.03	33.75	5.87	-29.99	51.66	125.30	73.64	PK	Horizontal
3	5786.114	93.23	34.12	5.90	-29.98	103.27	125.30	22.03	PK	Horizontal
4	5850.000	41.32	34.00	5.94	-29.97	51.29	125.27	73.98	PK	Horizontal
5	5885.942	45.02	34.07	5.95	-29.96	55.08	97.18	42.10	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT1 11A TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

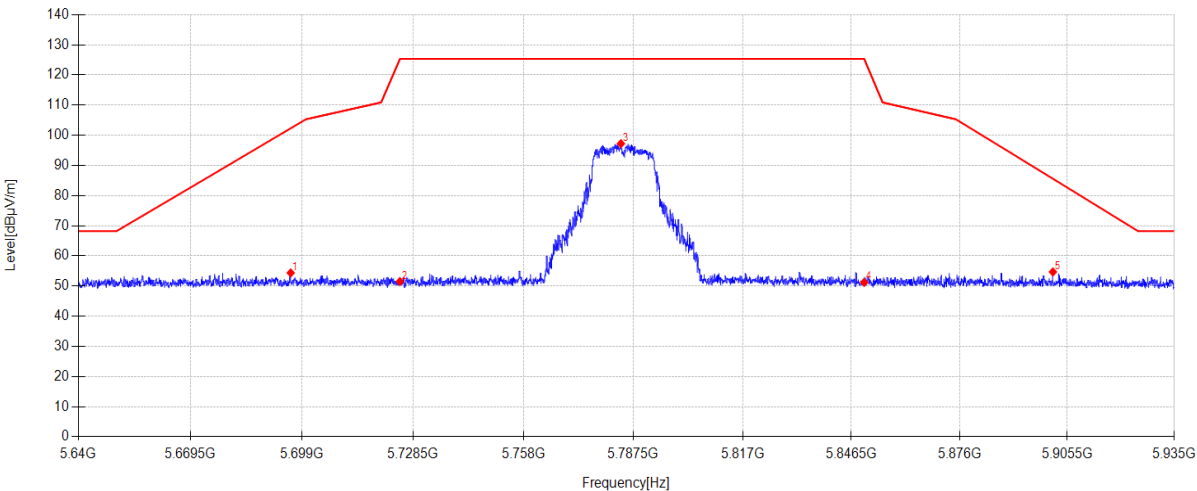
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Memo:

Sample Number: S24081509-003

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	5695.991	44.90	33.58	5.86	-29.99	54.35	102.33	47.98	PK	Vertical
2	5725.000	41.86	33.75	5.87	-29.99	51.49	125.30	73.81	PK	Vertical
3	5784.167	87.21	34.10	5.90	-29.98	97.23	125.30	28.07	PK	Vertical
4	5850.000	41.24	34.00	5.94	-29.97	51.21	125.27	74.06	PK	Vertical
5	5901.577	44.58	34.10	5.96	-29.96	54.68	85.58	30.90	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT1 11A TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

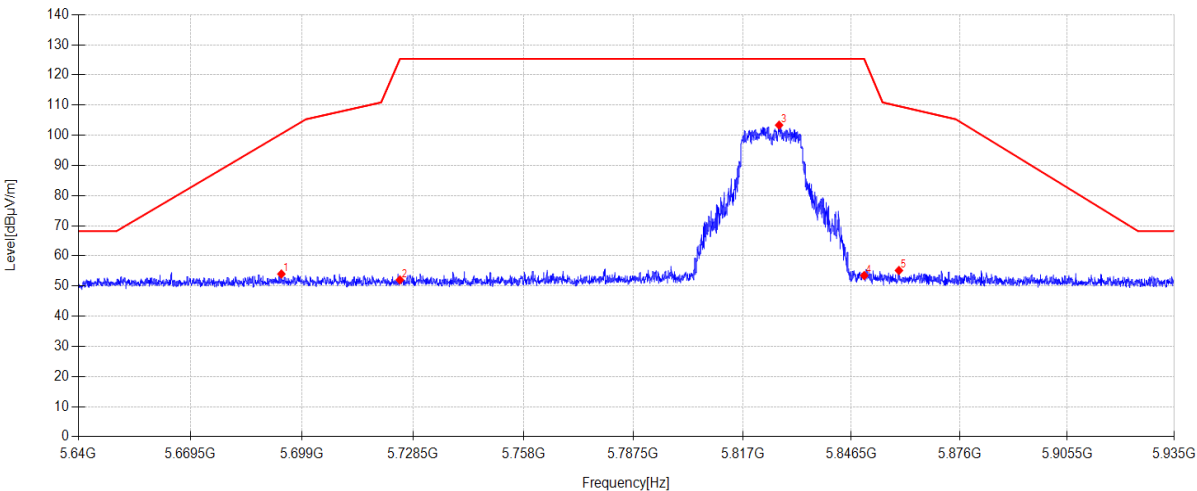
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Memo:

Sample Number: S24081509-003

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	5693.513	44.55	33.57	5.86	-29.99	53.99	100.49	46.50	PK	Horizontal
2	5725.000	42.40	33.75	5.87	-29.99	52.03	125.30	73.27	PK	Horizontal
3	5826.883	93.33	34.09	5.92	-29.97	103.37	125.30	21.93	PK	Horizontal
4	5850.000	43.51	34.00	5.94	-29.97	53.48	125.27	71.79	PK	Horizontal
5	5859.451	45.16	34.02	5.94	-29.97	55.15	109.65	54.50	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT1 11A TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

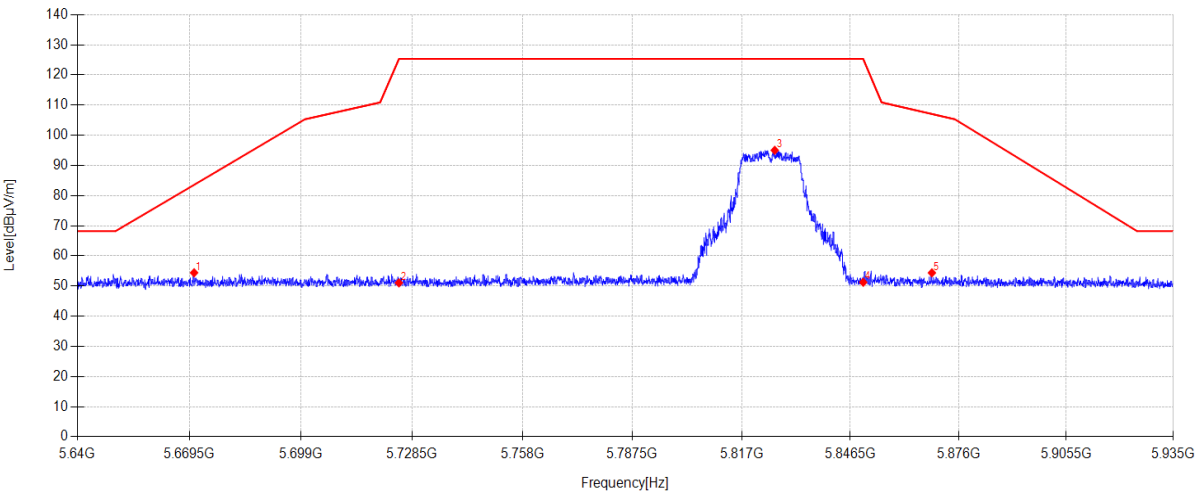
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d:\ts\2024 report data\Q24081509-1\FCC ABOVE1G 5.8G\6

Memo:

Sample Number: S24081509-003

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	5670.710	45.07	33.48	5.85	-29.99	54.41	83.57	29.16	PK	Vertical
2	5725.000	41.41	33.75	5.87	-29.99	51.04	125.30	74.26	PK	Vertical
3	5825.968	84.98	34.10	5.92	-29.97	95.03	125.30	30.27	PK	Vertical
4	5850.000	41.27	34.00	5.94	-29.97	51.24	125.27	74.03	PK	Vertical
5	5868.714	44.37	34.04	5.94	-29.97	54.38	107.06	52.68	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT2 11A TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

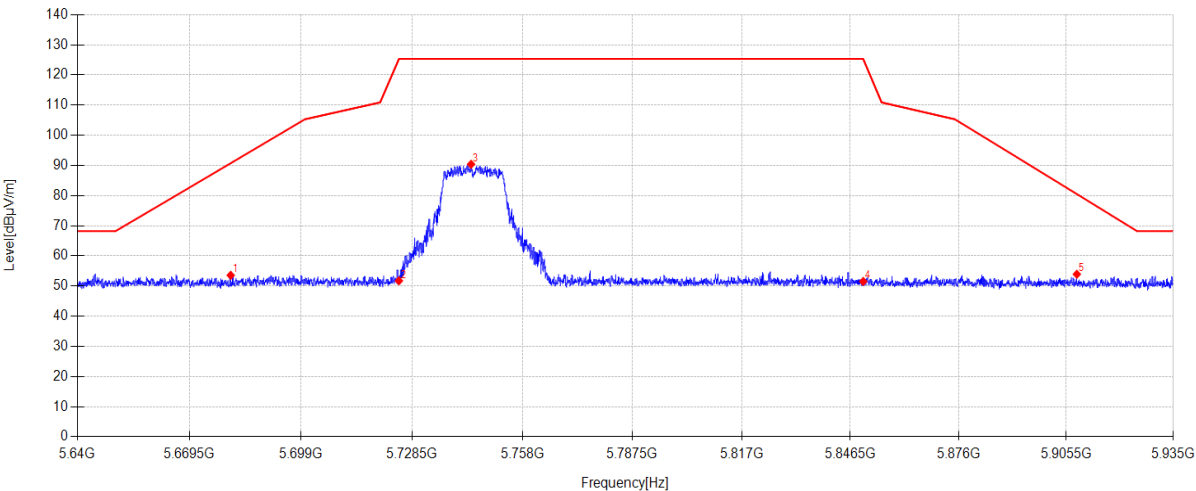
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d:\ts\2024 report data\Q24081509-1\FCC ABOVE1G 5.8G\11

Memo:

Sample Number: S24081509-003

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	5680.386	44.18	33.52	5.85	-29.99	53.56	90.75	37.19	PK	Horizontal
2	5725.000	42.11	33.75	5.87	-29.99	51.74	125.30	73.56	PK	Horizontal
3	5744.253	80.62	33.87	5.88	-29.98	90.39	125.30	34.91	PK	Horizontal
4	5850.000	41.55	34.00	5.94	-29.97	51.52	125.27	73.75	PK	Horizontal
5	5908.421	43.80	34.12	5.96	-29.96	53.92	80.50	26.58	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT2 11A TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

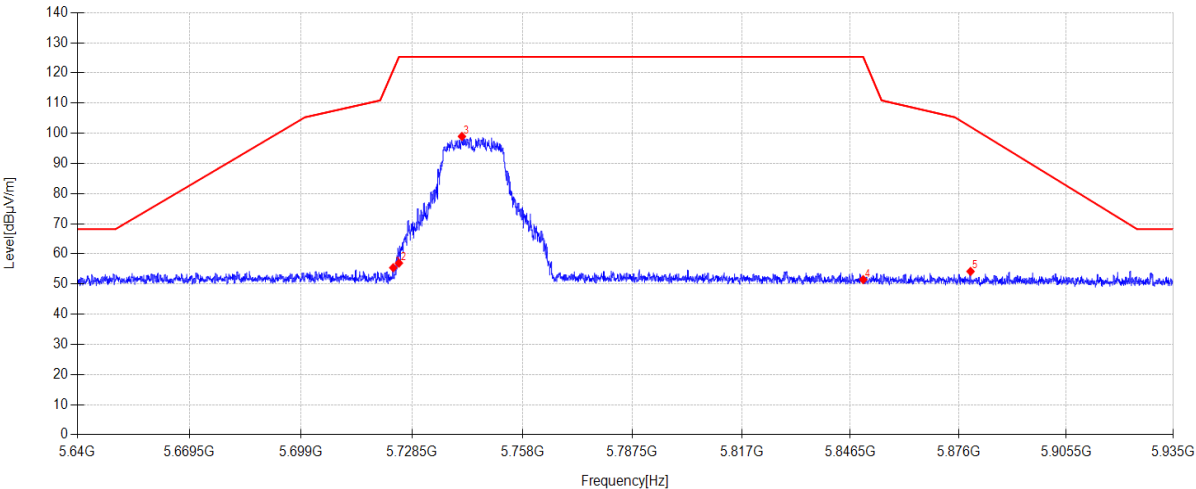
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Memo:

Sample Number: S24081509-003

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	5723.485	45.79	33.74	5.87	-29.99	55.41	120.94	65.53	PK	Vertical
2	5725.000	47.31	33.75	5.87	-29.99	56.94	125.30	68.36	PK	Vertical
3	5741.805	89.20	33.85	5.88	-29.98	98.95	125.30	26.35	PK	Vertical
4	5850.000	41.49	34.00	5.94	-29.97	51.46	125.27	73.81	PK	Vertical
5	5879.275	44.13	34.06	5.95	-29.97	54.17	102.13	47.96	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT2 11A TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

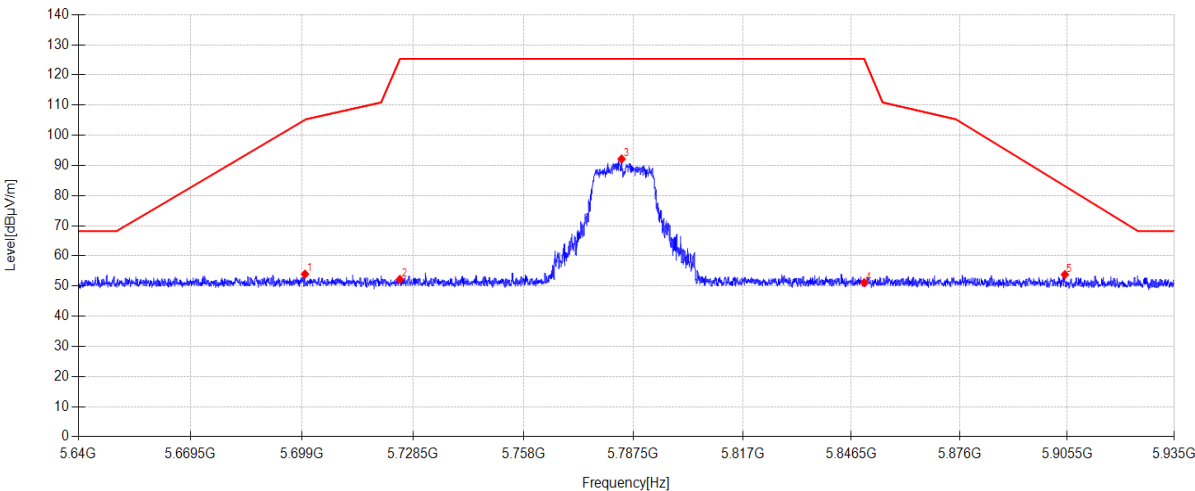
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Memo:

Sample Number: S24081509-003

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	5699.767	44.48	33.60	5.86	-29.99	53.95	105.13	51.18	PK	Horizontal
2	5725.000	42.57	33.75	5.87	-29.99	52.20	125.30	73.10	PK	Horizontal
3	5784.344	82.12	34.11	5.90	-29.98	92.15	125.30	33.15	PK	Horizontal
4	5850.000	41.16	34.00	5.94	-29.97	51.13	125.27	74.14	PK	Horizontal
5	5904.851	43.69	34.11	5.96	-29.96	53.80	83.15	29.35	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT2 11A TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

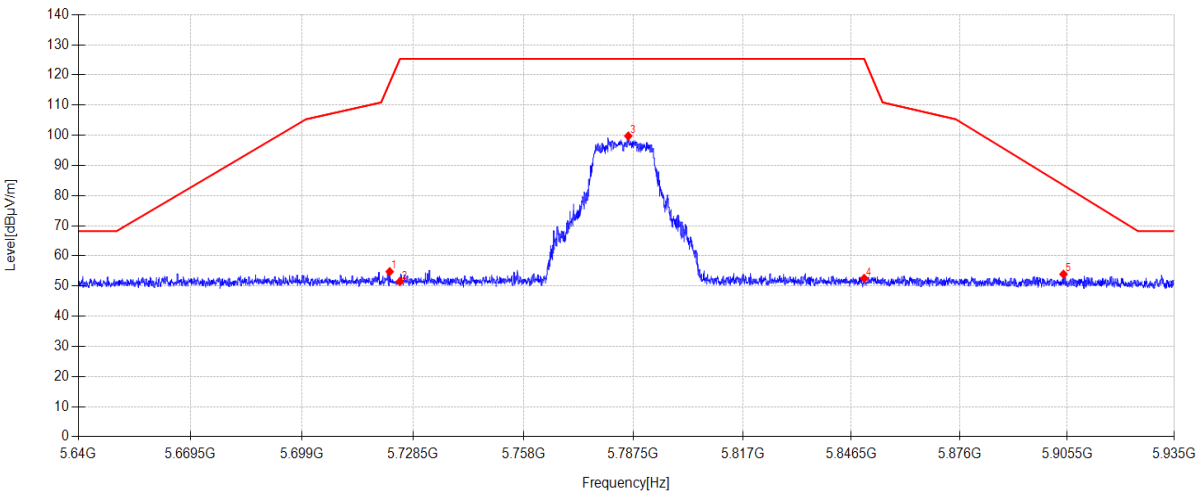
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Memo:

Sample Number: S24081509-003

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	5722.276	45.16	33.73	5.87	-29.99	54.77	117.45	62.68	PK	Vertical
2	5725.000	41.85	33.75	5.87	-29.99	51.48	125.30	73.82	PK	Vertical
3	5786.143	89.72	34.12	5.90	-29.98	99.76	125.30	25.54	PK	Vertical
4	5850.000	42.57	34.00	5.94	-29.97	52.54	125.27	72.73	PK	Vertical
5	5904.468	43.80	34.11	5.96	-29.96	53.91	83.44	29.53	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT2 11A TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

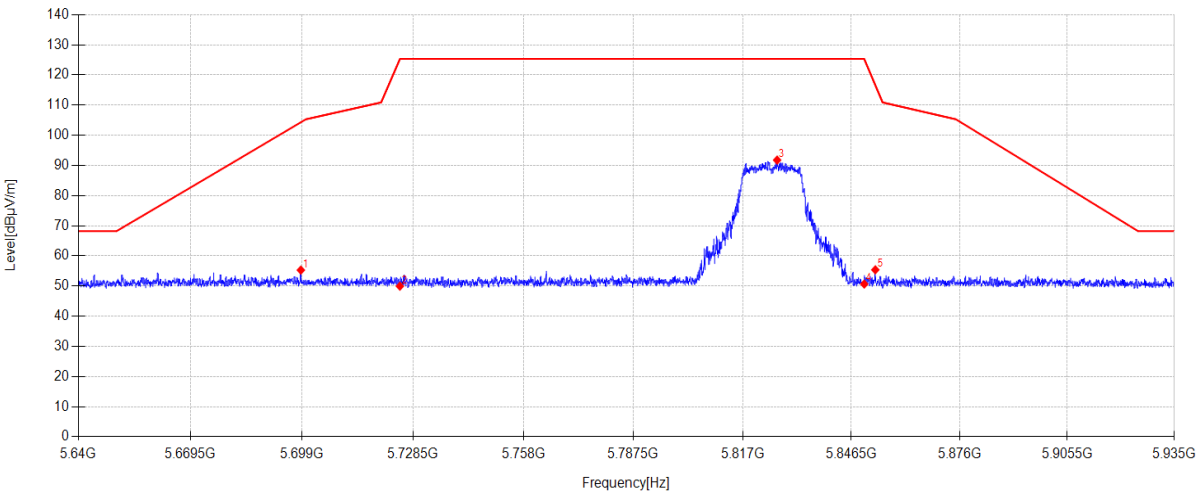
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Memo:

Sample Number: S24081509-003

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	5698.676	45.82	33.59	5.86	-29.99	55.28	104.32	49.04	PK	Horizontal
2	5725.000	40.32	33.75	5.87	-29.99	49.95	125.30	75.35	PK	Horizontal
3	5826.352	81.73	34.09	5.92	-29.97	91.77	125.30	33.53	PK	Horizontal
4	5850.000	40.69	34.00	5.94	-29.97	50.66	125.27	74.61	PK	Horizontal
5	5853.020	45.41	34.01	5.94	-29.97	55.39	116.60	61.21	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

ANT2 11A TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

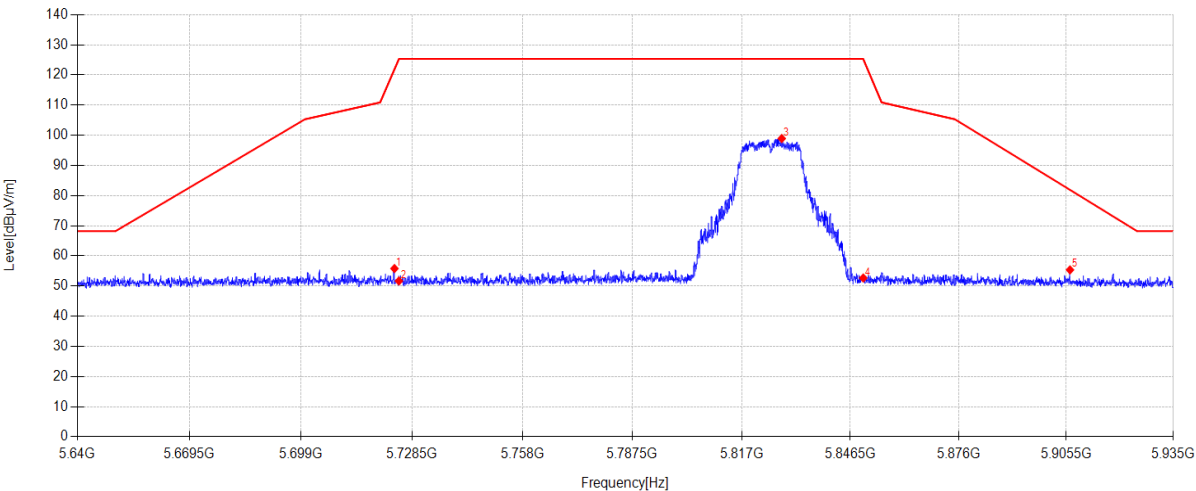
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Memo:

Sample Number: S24081509-003

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	5723.810	46.18	33.74	5.87	-29.99	55.80	121.87	66.07	PK	Vertical
2	5725.000	42.05	33.75	5.87	-29.99	51.68	125.30	73.62	PK	Vertical
3	5827.856	88.88	34.09	5.92	-29.97	98.92	125.30	26.38	PK	Vertical
4	5850.000	42.69	34.00	5.94	-29.97	52.66	125.27	72.61	PK	Vertical
5	5906.533	45.24	34.11	5.96	-29.96	55.35	81.90	26.55	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

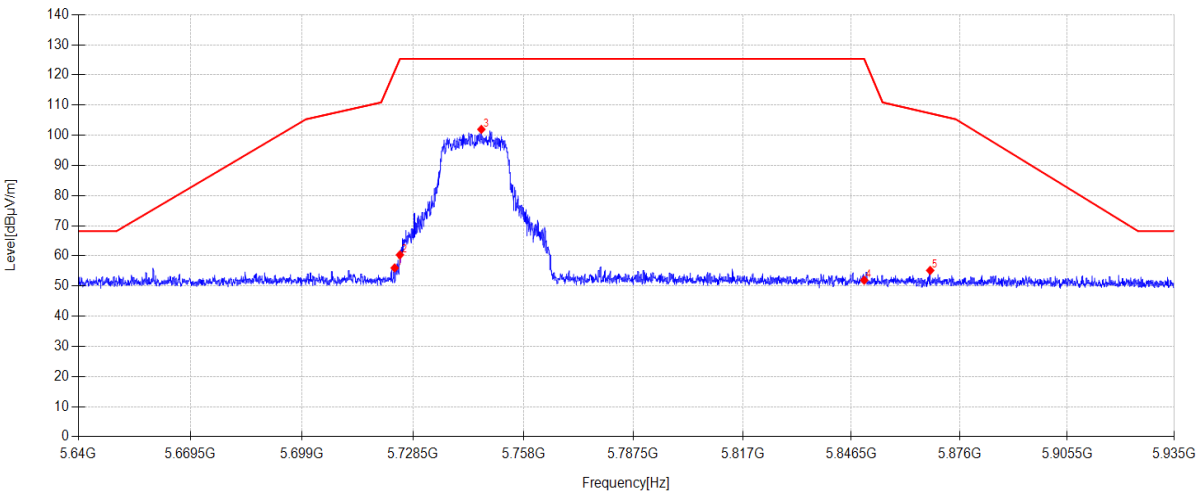
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Memo:

Sample Number: S24081509-003

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	5723.603	46.38	33.74	5.87	-29.99	56.00	121.28	65.28	PK	Horizontal
2	5725.000	50.70	33.75	5.87	-29.99	60.33	125.30	64.97	PK	Horizontal
3	5746.731	92.18	33.88	5.88	-29.98	101.96	125.30	23.34	PK	Horizontal
4	5850.000	41.96	34.00	5.94	-29.97	51.93	125.27	73.34	PK	Horizontal
5	5867.976	45.16	34.04	5.94	-29.97	55.17	107.27	52.10	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

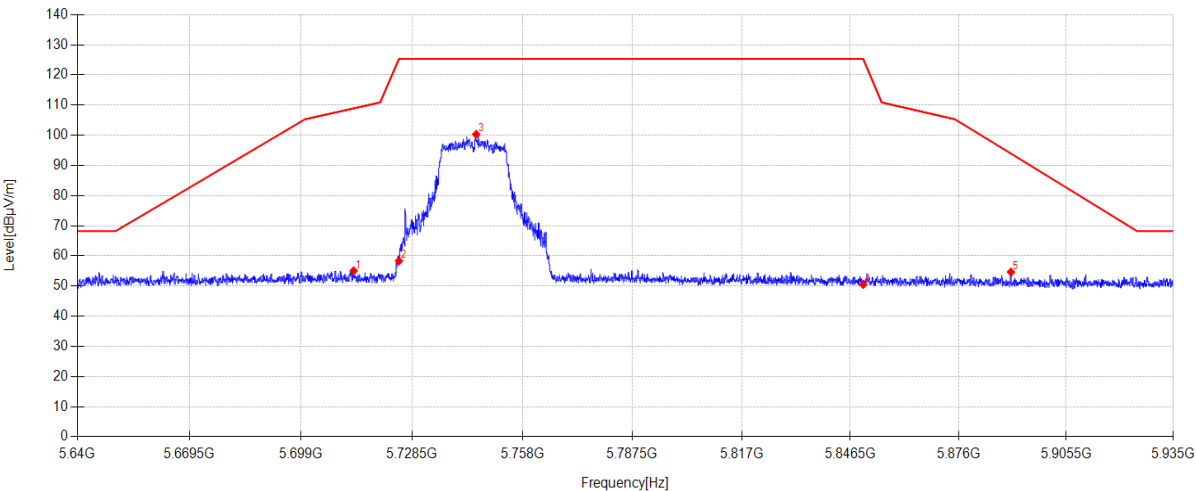
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Memo:

Sample Number: S24081509-003

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	5712.954	45.47	33.68	5.87	-29.99	55.03	108.93	53.90	PK	Vertical
2	5725.000	48.69	33.75	5.87	-29.99	58.32	125.30	66.98	PK	Vertical
3	5745.610	90.51	33.87	5.88	-29.98	100.28	125.30	25.02	PK	Vertical
4	5850.000	40.55	34.00	5.94	-29.97	50.52	125.27	74.75	PK	Vertical
5	5890.337	44.55	34.08	5.96	-29.96	54.63	93.92	39.29	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

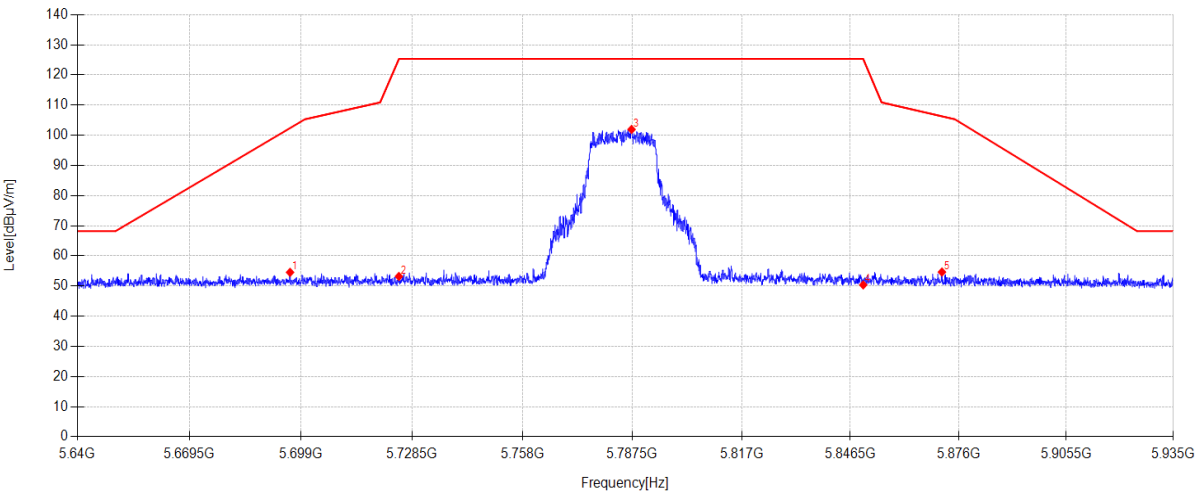
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Memo:

Sample Number: S24081509-003

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	5696.080	45.09	33.58	5.86	-29.99	54.54	102.39	47.85	PK	Horizontal
2	5725.000	43.55	33.75	5.87	-29.99	53.18	125.30	72.12	PK	Horizontal
3	5787.294	91.90	34.12	5.90	-29.98	101.94	125.30	23.36	PK	Horizontal
4	5850.000	40.41	34.00	5.94	-29.97	50.38	125.27	74.89	PK	Horizontal
5	5871.457	44.61	34.04	5.95	-29.97	54.63	106.29	51.66	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

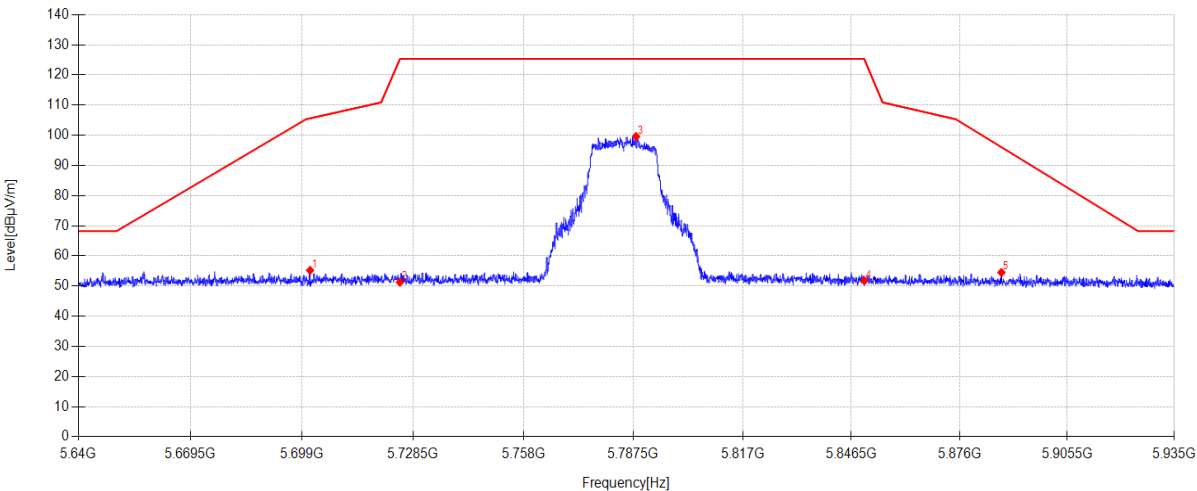
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Memo:

Sample Number: S24081509-003

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	5701.124	45.72	33.61	5.86	-29.99	55.20	105.61	50.41	PK	Vertical
2	5725.000	41.66	33.75	5.87	-29.99	51.29	125.30	74.01	PK	Vertical
3	5788.238	89.53	34.13	5.90	-29.98	99.58	125.30	25.72	PK	Vertical
4	5850.000	41.80	34.00	5.94	-29.97	51.77	125.27	73.50	PK	Vertical
5	5887.446	44.44	34.07	5.95	-29.96	54.50	96.07	41.57	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

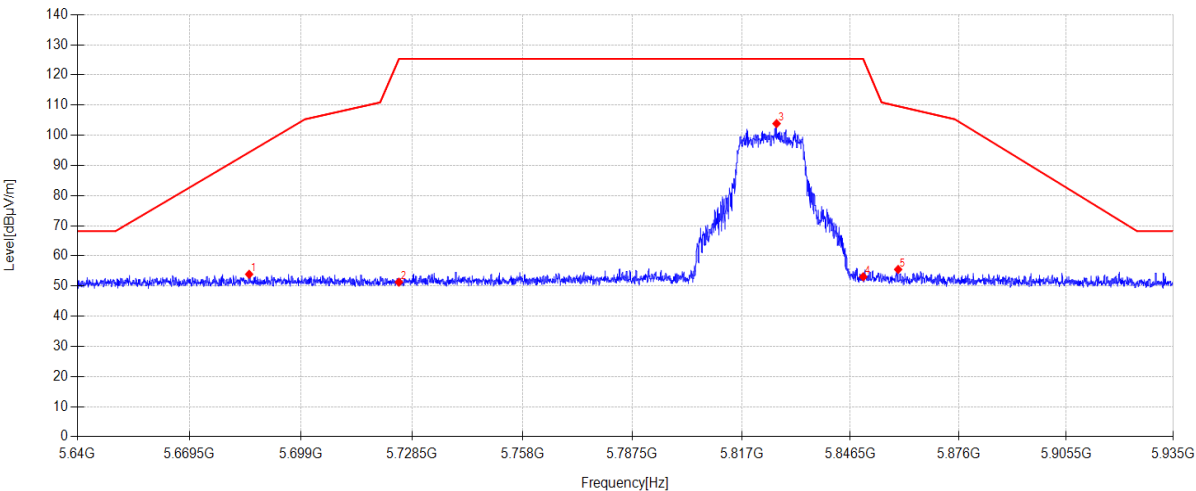
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Memo:

Sample Number: S24081509-003

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	5685.253	44.50	33.54	5.85	-29.99	53.90	94.36	40.46	PK	Horizontal
2	5725.000	41.65	33.75	5.87	-29.99	51.28	125.30	74.02	PK	Horizontal
3	5826.470	93.84	34.09	5.92	-29.97	103.88	125.30	21.42	PK	Horizontal
4	5850.000	43.08	34.00	5.94	-29.97	53.05	125.27	72.22	PK	Horizontal
5	5859.510	45.51	34.02	5.94	-29.97	55.50	109.64	54.14	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

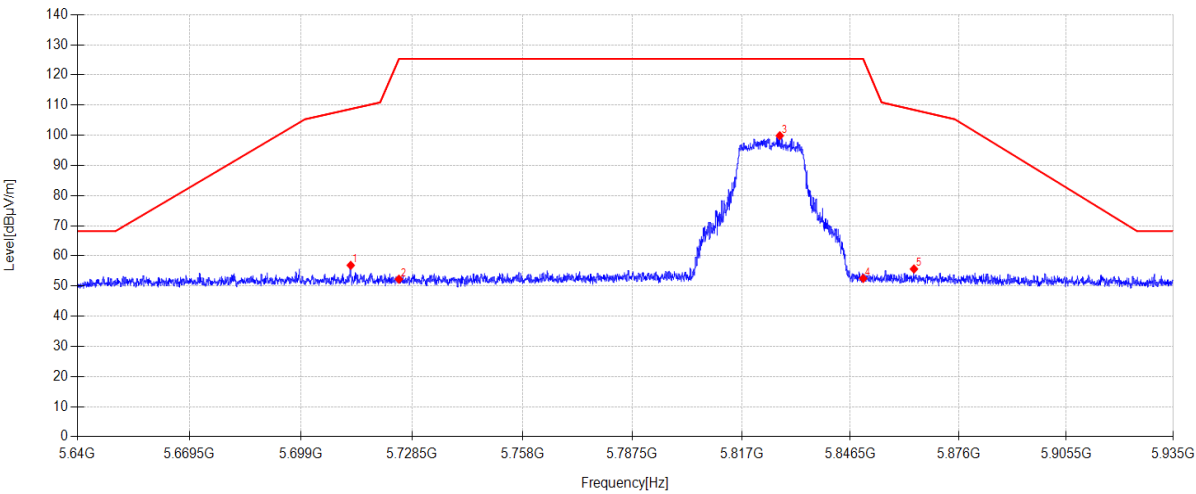
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Memo:

Sample Number: S24081509-003

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	5712.187	47.31	33.67	5.87	-29.99	56.86	108.71	51.85	PK	Vertical
2	5725.000	42.64	33.75	5.87	-29.99	52.27	125.30	73.03	PK	Vertical
3	5827.325	89.81	34.09	5.92	-29.97	99.85	125.30	25.45	PK	Vertical
4	5850.000	42.56	34.00	5.94	-29.97	52.53	125.27	72.74	PK	Vertical
5	5863.817	45.65	34.03	5.94	-29.97	55.65	108.43	52.78	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

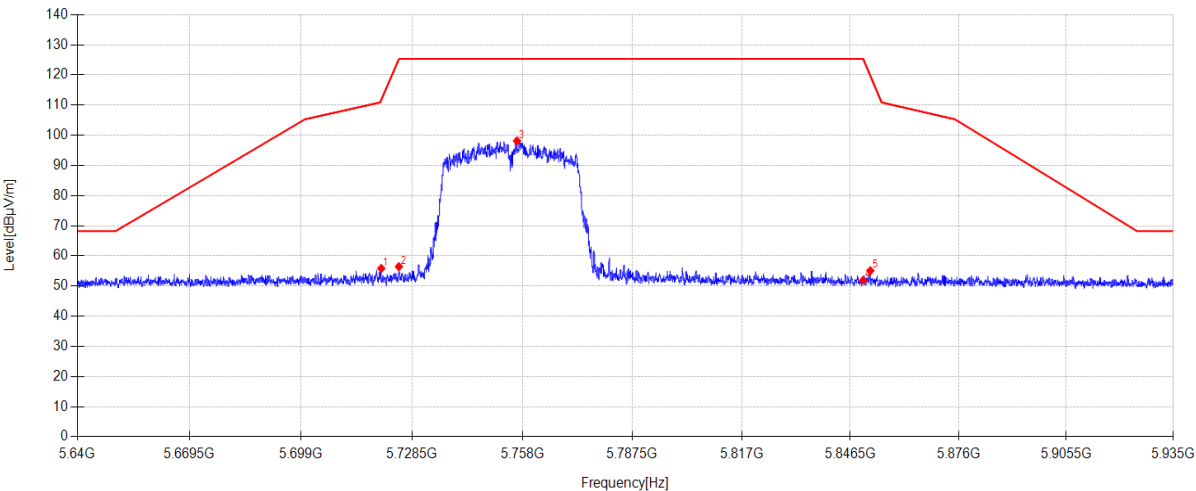
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Memo:

Sample Number: S24081509-003

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	5720.299	46.24	33.72	5.87	-29.99	55.84	111.76	55.92	PK	Horizontal
2	5725.000	46.81	33.75	5.87	-29.99	56.44	125.30	68.86	PK	Horizontal
3	5756.525	88.31	33.94	5.89	-29.98	98.16	125.30	27.14	PK	Horizontal
4	5850.000	41.94	34.00	5.94	-29.97	51.91	125.27	73.36	PK	Horizontal
5	5851.928	45.10	34.00	5.94	-29.97	55.07	119.75	64.68	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

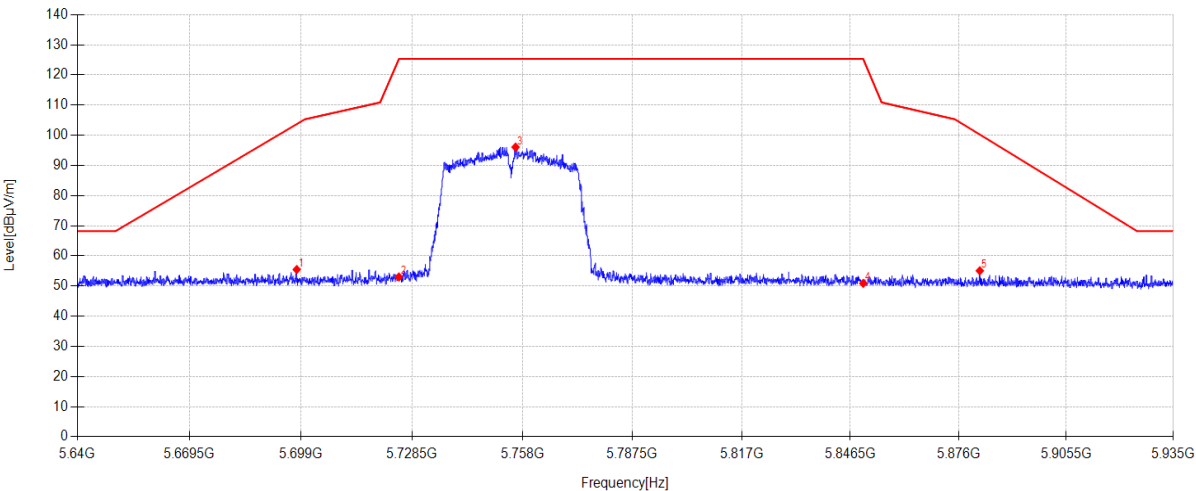
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d:\ts\2024 report data\Q24081509-1\FCC ABOVE1G 5.8G\20

Memo:

Sample Number: S24081509-003

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	5697.850	46.02	33.59	5.86	-29.99	55.48	103.70	48.22	PK	Vertical
2	5725.000	43.38	33.75	5.87	-29.99	53.01	125.30	72.29	PK	Vertical
3	5756.142	86.23	33.94	5.89	-29.98	96.08	125.30	29.22	PK	Vertical
4	5850.000	40.93	34.00	5.94	-29.97	50.90	125.27	74.37	PK	Vertical
5	5881.812	45.02	34.06	5.95	-29.97	55.06	100.25	45.19	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

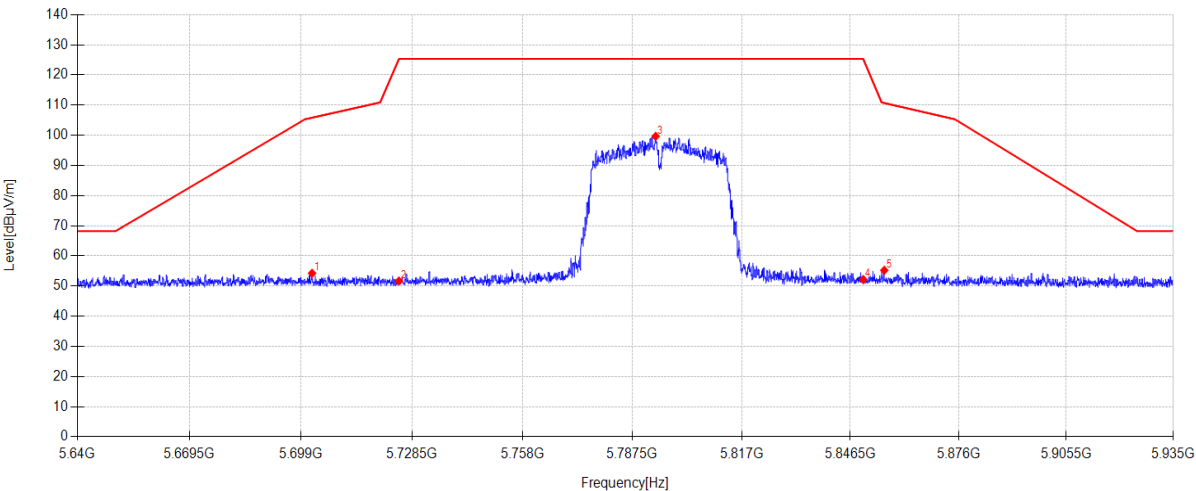
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Memo:

Sample Number: S24081509-003

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	5701.921	44.74	33.61	5.86	-29.99	54.22	105.84	51.62	PK	Horizontal
2	5725.000	42.04	33.75	5.87	-29.99	51.67	125.30	73.63	PK	Horizontal
3	5793.784	89.57	34.16	5.91	-29.98	99.66	125.30	25.64	PK	Horizontal
4	5850.000	42.21	34.00	5.94	-29.97	52.18	125.27	73.09	PK	Horizontal
5	5855.734	45.24	34.01	5.94	-29.97	55.22	110.69	55.47	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

N40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

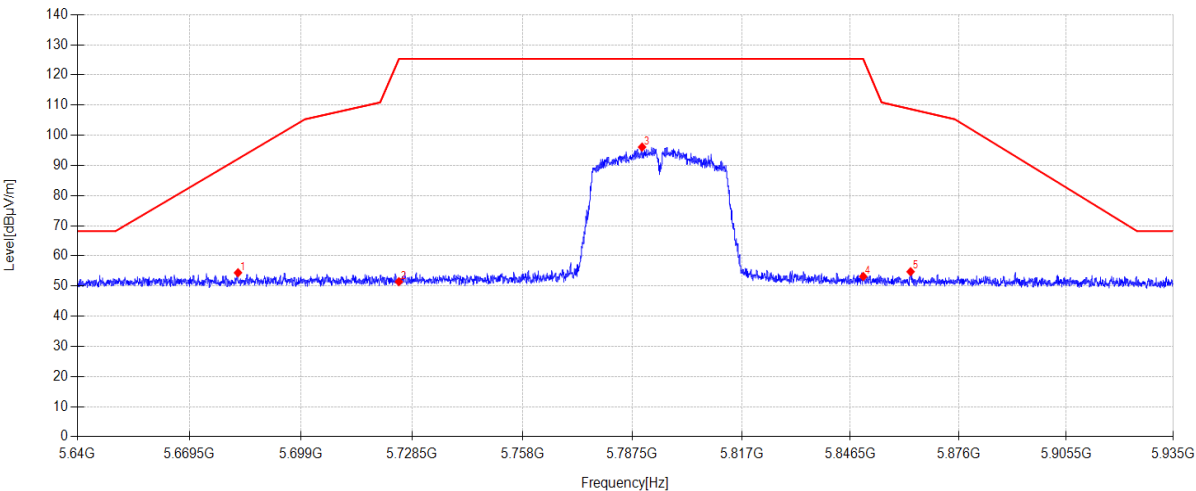
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Memo:

Sample Number: S24081509-003

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	5682.303	45.01	33.53	5.85	-29.99	54.40	92.17	37.77	PK	Vertical
2	5725.000	41.81	33.75	5.87	-29.99	51.44	125.30	73.86	PK	Vertical
3	5790.126	86.02	34.14	5.91	-29.98	96.09	125.30	29.21	PK	Vertical
4	5850.000	43.20	34.00	5.94	-29.97	53.17	125.27	72.10	PK	Vertical
5	5862.902	44.75	34.03	5.94	-29.97	54.75	108.69	53.94	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AC20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

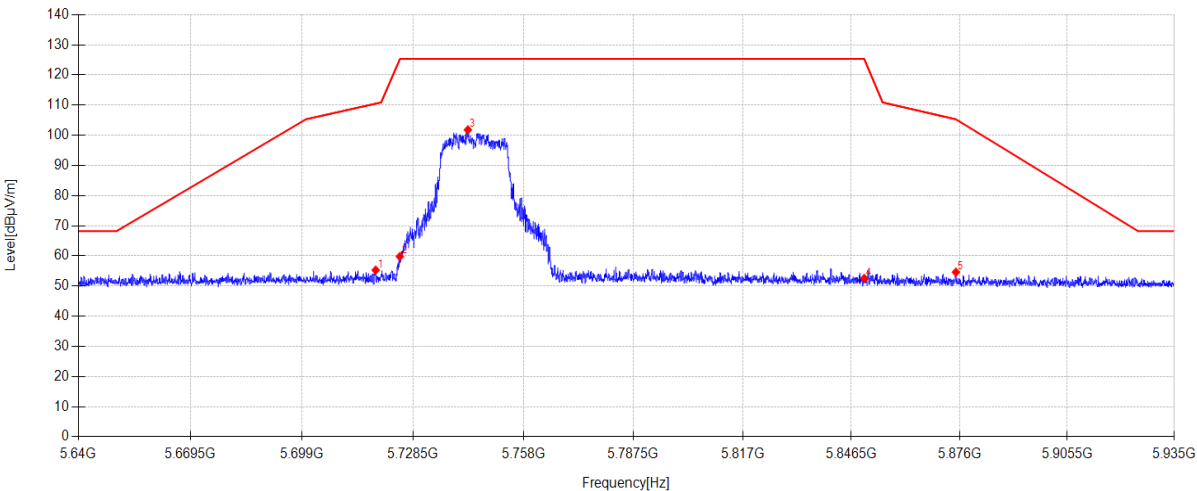
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Memo:

Sample Number: S24081509-003

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	5718.559	45.69	33.71	5.87	-29.99	55.28	110.50	55.22	PK	Horizontal
2	5725.000	50.16	33.75	5.87	-29.99	59.79	125.30	65.51	PK	Horizontal
3	5743.132	92.04	33.86	5.88	-29.98	101.80	125.30	23.50	PK	Horizontal
4	5850.000	42.59	34.00	5.94	-29.97	52.56	125.27	72.71	PK	Horizontal
5	5874.997	44.57	34.05	5.95	-29.97	54.60	105.30	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AC20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

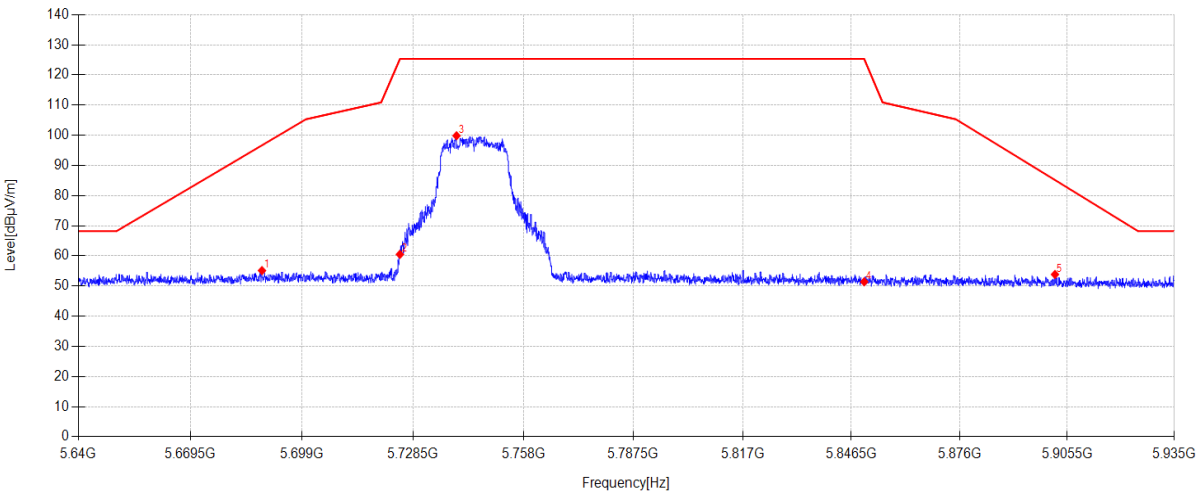
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Memo:

Sample Number: S24081509-003

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	5688.380	45.71	33.55	5.85	-29.99	55.12	96.68	41.56	PK	Vertical
2	5725.000	50.87	33.75	5.87	-29.99	60.50	125.30	64.80	PK	Vertical
3	5740.094	90.10	33.84	5.88	-29.98	99.84	125.30	25.46	PK	Vertical
4	5850.000	41.44	34.00	5.94	-29.97	51.41	125.27	73.86	PK	Vertical
5	5902.137	43.75	34.10	5.96	-29.96	53.85	85.16	31.31	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AC20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

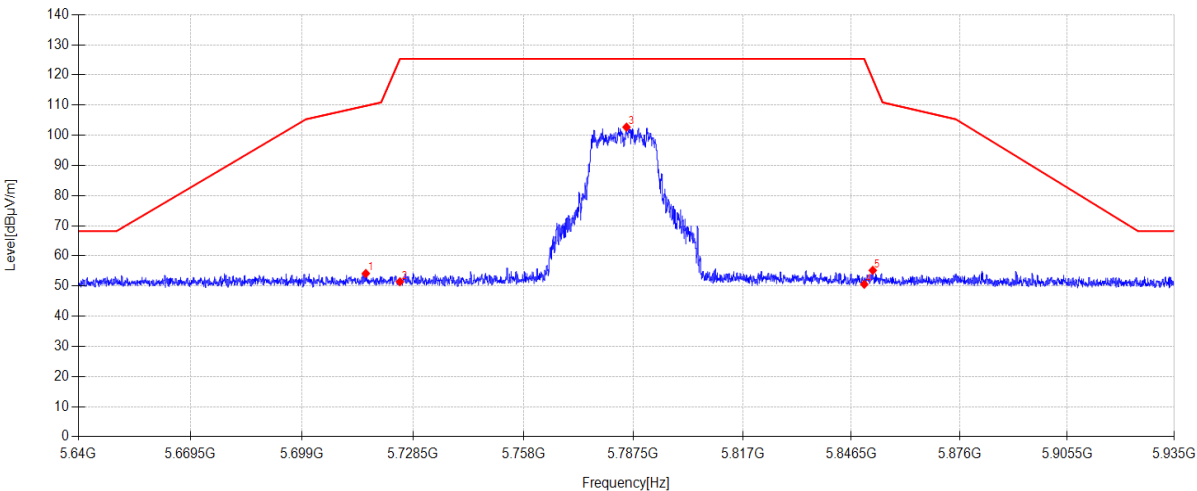
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Memo:

Sample Number: S24081509-003

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	5715.933	44.58	33.70	5.87	-29.99	54.16	109.76	55.60	PK	Horizontal
2	5725.000	41.80	33.75	5.87	-29.99	51.43	125.30	73.87	PK	Horizontal
3	5785.671	92.66	34.11	5.90	-29.98	102.69	125.30	22.61	PK	Horizontal
4	5850.000	40.62	34.00	5.94	-29.97	50.59	125.27	74.68	PK	Horizontal
5	5852.312	45.22	34.00	5.94	-29.97	55.19	118.64	63.45	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AC20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

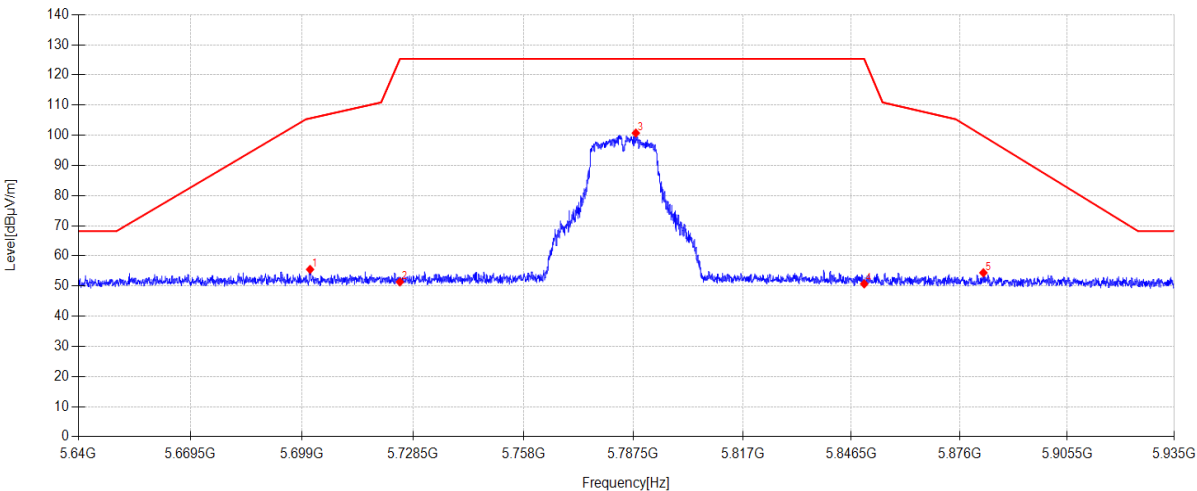
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Memo:

Sample Number: S24081509-003

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	5701.124	46.03	33.61	5.86	-29.99	55.51	105.61	50.10	PK	Vertical
2	5725.000	41.72	33.75	5.87	-29.99	51.35	125.30	73.95	PK	Vertical
3	5788.179	90.69	34.13	5.90	-29.98	100.74	125.30	24.56	PK	Vertical
4	5850.000	40.75	34.00	5.94	-29.97	50.72	125.27	74.55	PK	Vertical
5	5882.520	44.34	34.07	5.95	-29.97	54.39	99.72	45.33	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AC20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

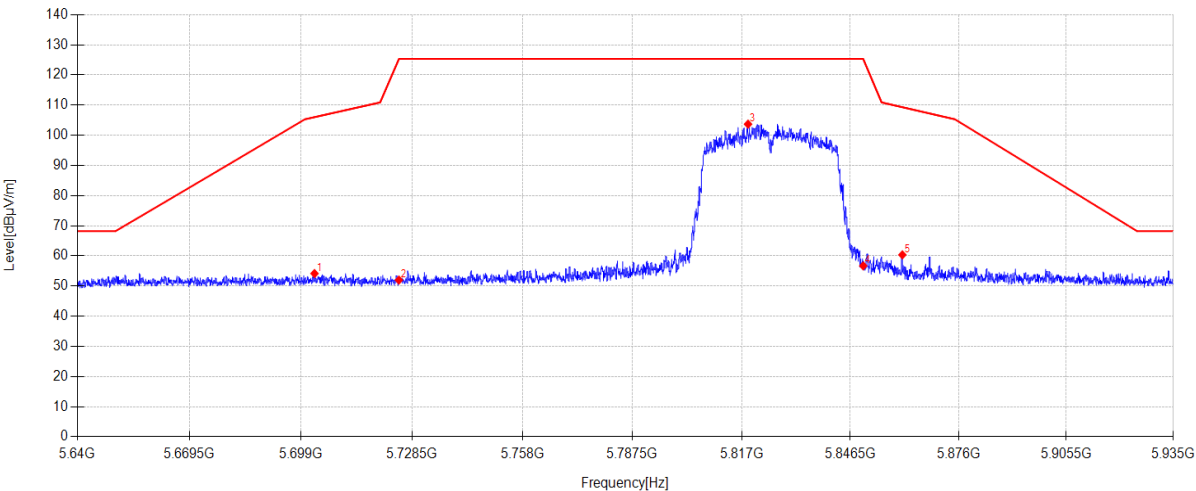
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Memo:

Sample Number: S24081509-003

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	5702.570	44.65	33.62	5.86	-29.99	54.14	106.02	51.88	PK	Horizontal
2	5725.000	42.35	33.75	5.87	-29.99	51.98	125.30	73.32	PK	Horizontal
3	5818.741	93.61	34.13	5.92	-29.97	103.69	125.30	21.61	PK	Horizontal
4	5850.000	46.73	34.00	5.94	-29.97	56.70	125.27	68.57	PK	Horizontal
5	5860.660	50.35	34.02	5.94	-29.97	60.34	109.32	48.98	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AC20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

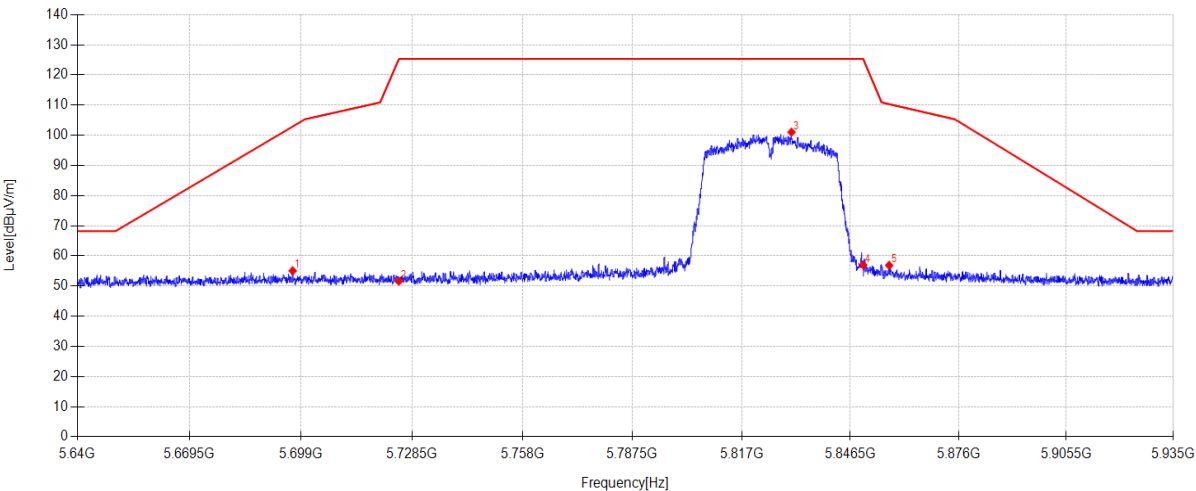
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Memo:

Sample Number: S24081509-003

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	5696.788	45.58	33.59	5.86	-29.99	55.04	102.92	47.88	PK	Vertical
2	5725.000	41.99	33.75	5.87	-29.99	51.62	125.30	73.68	PK	Vertical
3	5830.511	91.00	34.08	5.93	-29.97	101.04	125.30	24.26	PK	Vertical
4	5850.000	46.98	34.00	5.94	-29.97	56.95	125.27	68.32	PK	Vertical
5	5857.061	46.87	34.01	5.94	-29.97	56.85	110.32	53.47	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AC40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

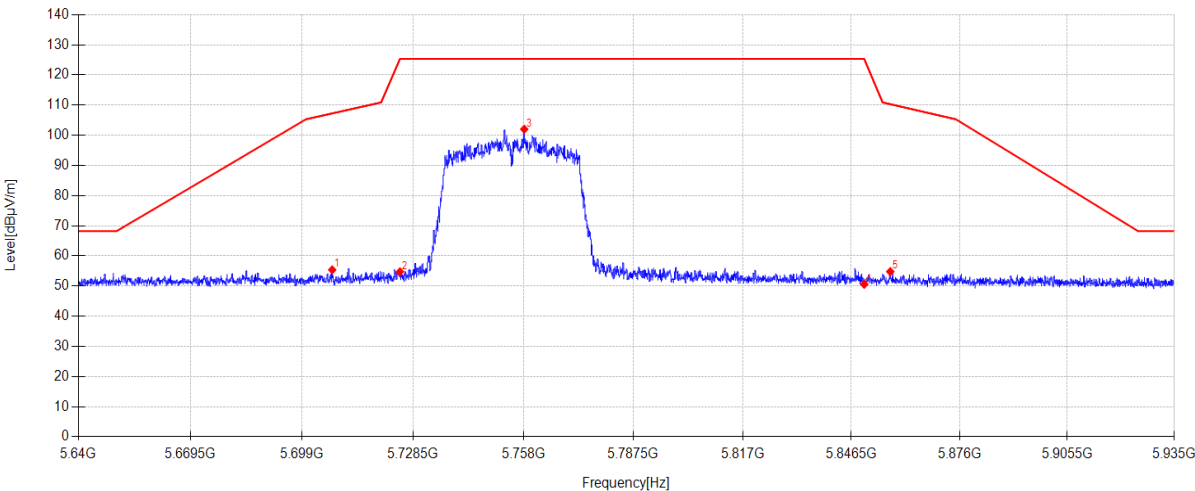
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Memo:

Sample Number: S24081509-003

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	5706.995	45.85	33.64	5.86	-29.99	55.36	107.26	51.90	PK	Horizontal
2	5725.000	45.09	33.75	5.87	-29.99	54.72	125.30	70.58	PK	Horizontal
3	5758.207	92.15	33.95	5.89	-29.98	102.01	125.30	23.29	PK	Horizontal
4	5850.000	40.60	34.00	5.94	-29.97	50.57	125.27	74.70	PK	Horizontal
5	5857.091	44.80	34.01	5.94	-29.97	54.78	110.31	55.53	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:

2024-09-11

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AC40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

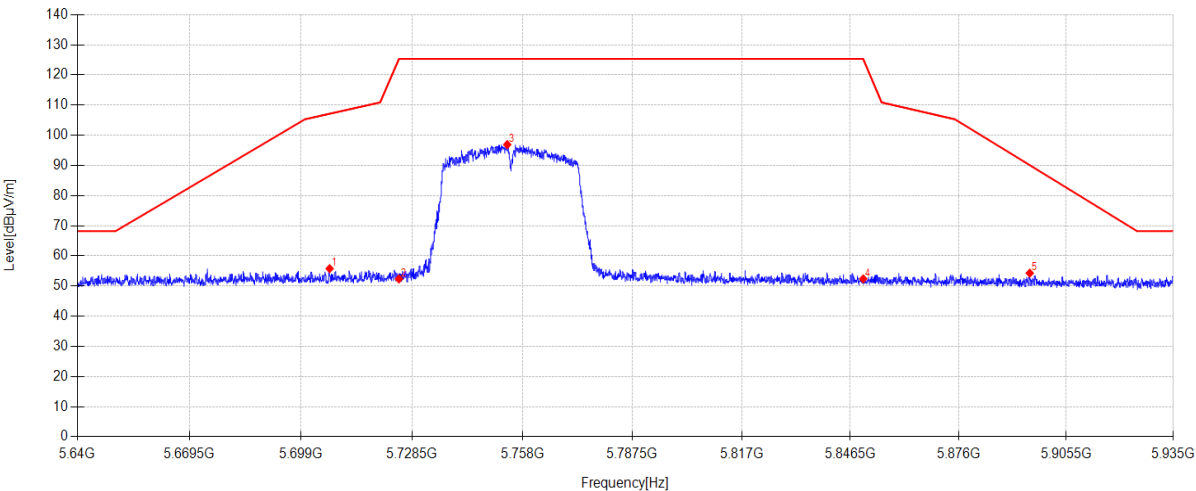
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Memo:

Sample Number: S24081509-003

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	5706.582	46.28	33.64	5.86	-29.99	55.79	107.14	51.35	PK	Vertical
2	5725.000	42.73	33.75	5.87	-29.99	52.36	125.30	72.94	PK	Vertical
3	5753.929	87.08	33.92	5.89	-29.98	96.91	125.30	28.39	PK	Vertical
4	5850.000	42.40	34.00	5.94	-29.97	52.37	125.27	72.90	PK	Vertical
5	5895.500	44.18	34.09	5.96	-29.96	54.27	90.09	35.82	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AC40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

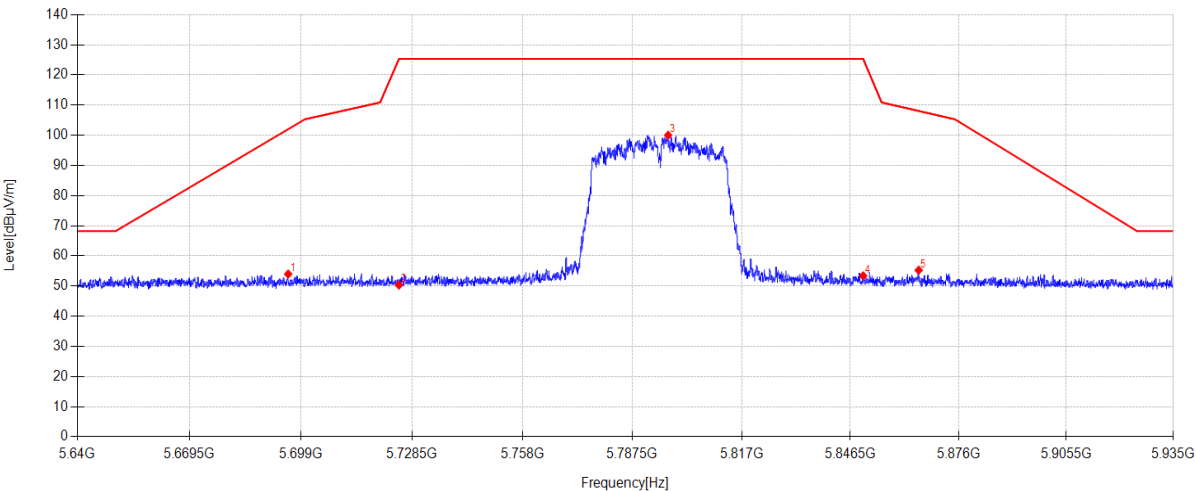
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Memo:

Sample Number: S24081509-003

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	5695.578	44.52	33.58	5.86	-29.99	53.97	102.02	48.05	PK	Horizontal
2	5725.000	40.68	33.75	5.87	-29.99	50.31	125.30	74.99	PK	Horizontal
3	5797.147	89.92	34.18	5.91	-29.98	100.03	125.30	25.27	PK	Horizontal
4	5850.000	43.42	34.00	5.94	-29.97	53.39	125.27	71.88	PK	Horizontal
5	5865.115	45.24	34.03	5.94	-29.97	55.24	108.07	52.83	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AC40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

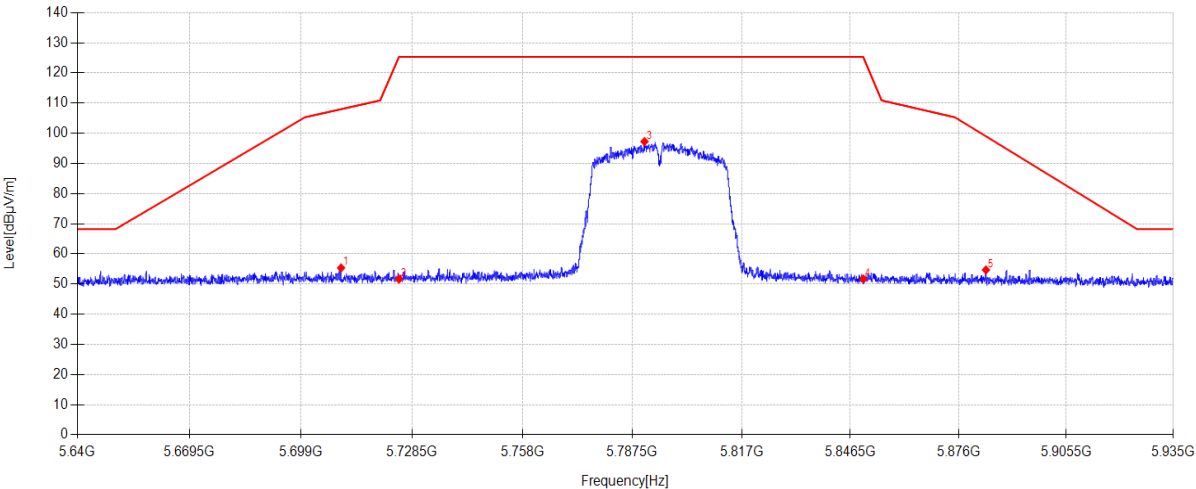
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Memo:

Sample Number: S24081509-003

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	5709.620	45.81	33.66	5.86	-29.99	55.34	107.99	52.65	PK	Vertical
2	5725.000	42.01	33.75	5.87	-29.99	51.64	125.30	73.66	PK	Vertical
3	5790.775	87.18	34.14	5.91	-29.98	97.25	125.30	28.05	PK	Vertical
4	5850.000	41.69	34.00	5.94	-29.97	51.66	125.27	73.61	PK	Vertical
5	5883.493	44.64	34.07	5.95	-29.97	54.69	99.00	44.31	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AC80 TX 5775 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

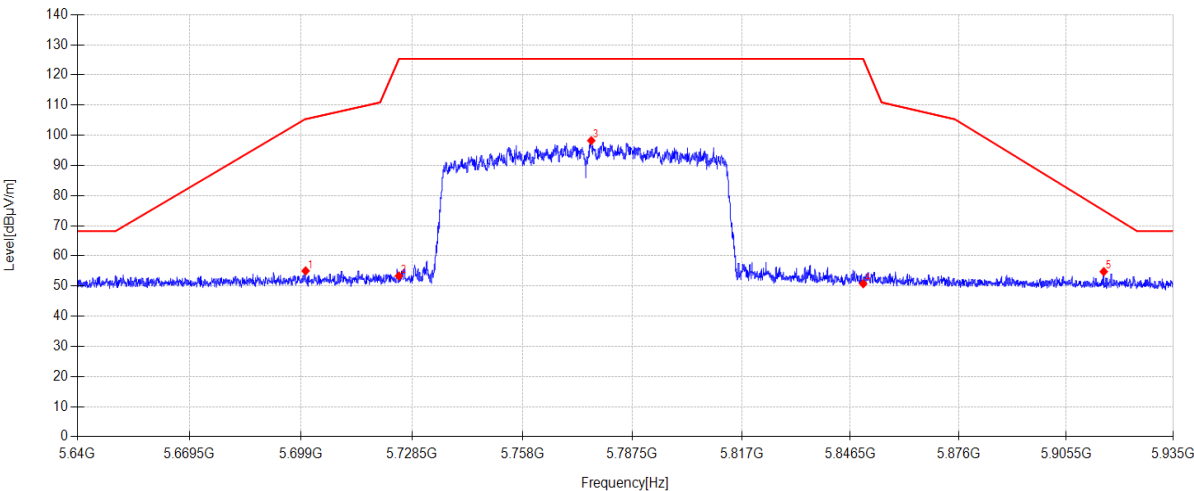
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d:\ts\2024 report data\Q24081509-1\FCC ABOVE1G 5.8G\33

Memo:

Sample Number: S24081509-003

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	5700.210	45.55	33.60	5.86	-29.99	55.02	105.36	50.34	PK	Horizontal
2	5725.000	43.72	33.75	5.87	-29.99	53.35	125.30	71.95	PK	Horizontal
3	5776.467	88.25	34.06	5.90	-29.98	98.23	125.30	27.07	PK	Horizontal
4	5850.000	40.79	34.00	5.94	-29.97	50.76	125.27	74.51	PK	Horizontal
5	5915.825	44.64	34.13	5.97	-29.96	54.78	75.01	20.23	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AC80 TX 5775 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

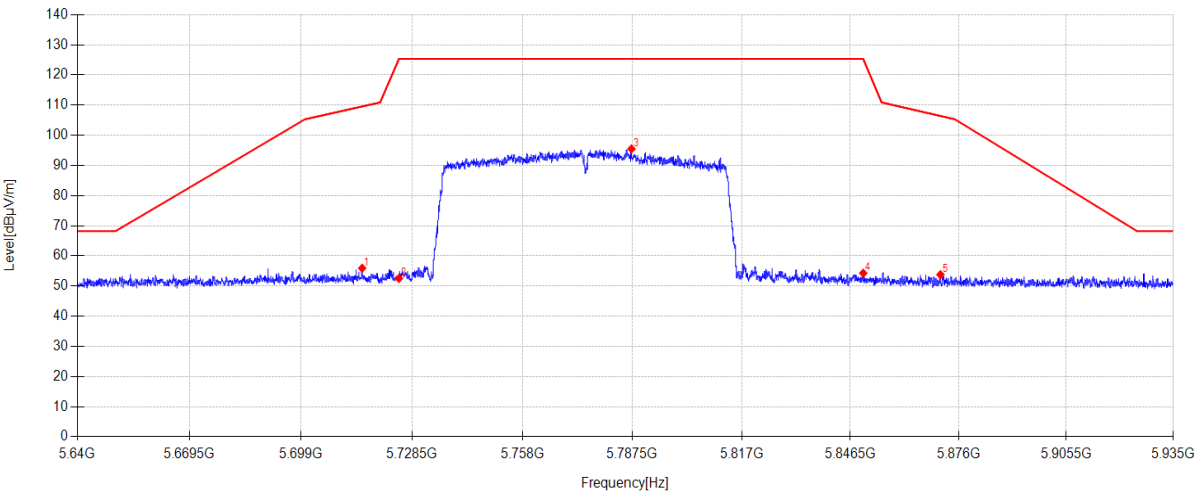
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Memo:

Sample Number: S24081509-003

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	5715.225	46.35	33.69	5.87	-29.99	55.92	109.56	53.64	PK	Vertical
2	5725.000	42.90	33.75	5.87	-29.99	52.53	125.30	72.77	PK	Vertical
3	5787.264	85.43	34.12	5.90	-29.98	95.47	125.30	29.83	PK	Vertical
4	5850.000	44.31	34.00	5.94	-29.97	54.28	125.27	70.99	PK	Vertical
5	5871.044	43.75	34.04	5.95	-29.97	53.77	106.41	52.64	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX20 TX 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

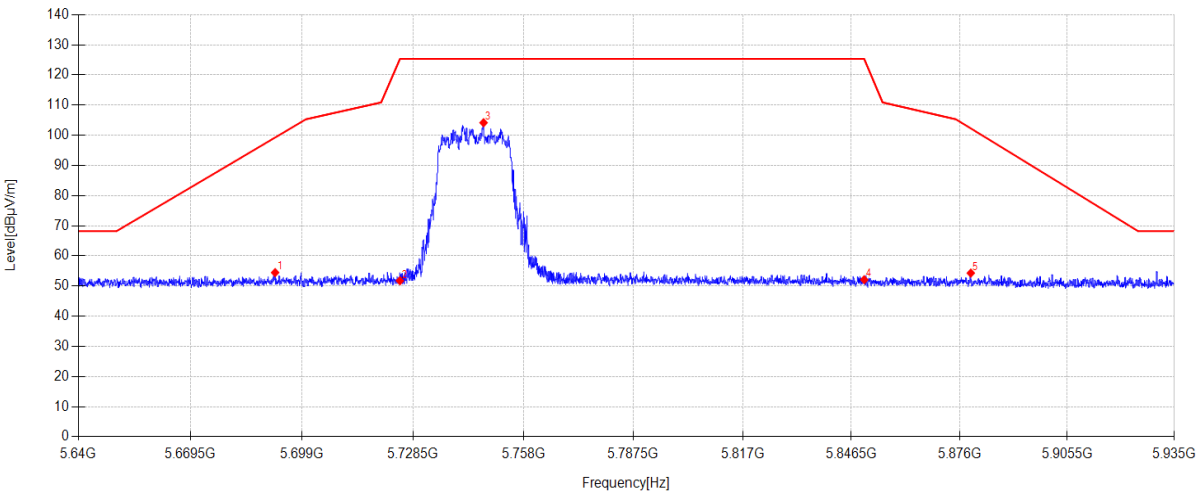
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Memo:

Sample Number: S24081509-003

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	5691.861	45.02	33.57	5.86	-29.99	54.46	99.26	44.80	PK	Horizontal
2	5725.000	42.11	33.75	5.87	-29.99	51.74	125.30	73.56	PK	Horizontal
3	5747.321	94.38	33.88	5.88	-29.98	104.16	125.30	21.14	PK	Horizontal
4	5850.000	42.13	34.00	5.94	-29.97	52.10	125.27	73.17	PK	Horizontal
5	5879.068	44.25	34.06	5.95	-29.97	54.29	102.28	47.99	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX20 TX 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

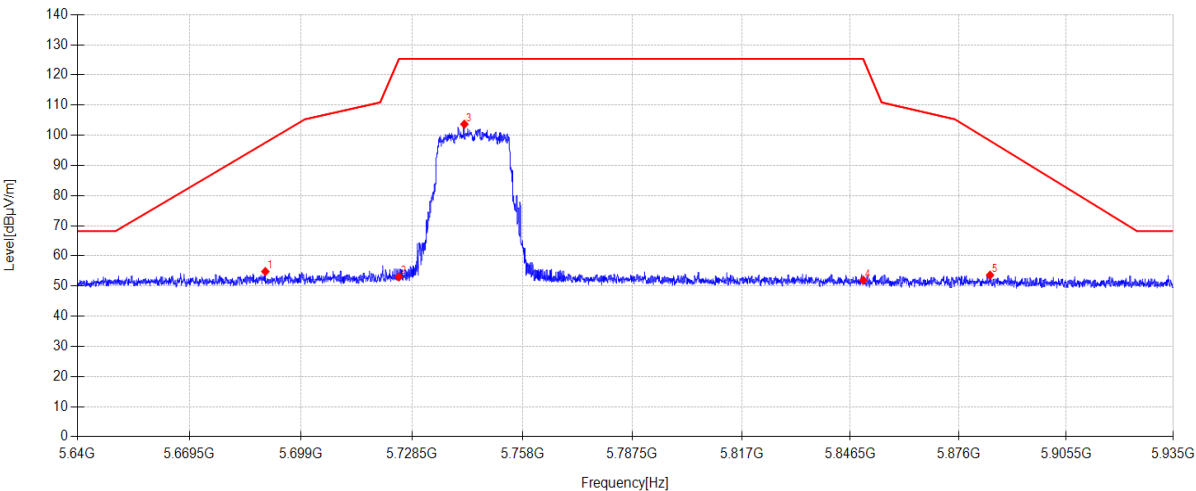
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Memo:

Sample Number: S24081509-003

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	5689.531	45.38	33.56	5.85	-29.99	54.80	97.53	42.73	PK	Vertical
2	5725.000	43.39	33.75	5.87	-29.99	53.02	125.30	72.28	PK	Vertical
3	5742.454	93.92	33.85	5.88	-29.98	103.67	125.30	21.63	PK	Vertical
4	5850.000	41.96	34.00	5.94	-29.97	51.93	125.27	73.34	PK	Vertical
5	5884.614	43.56	34.07	5.95	-29.97	53.61	98.17	44.56	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX20 TX 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

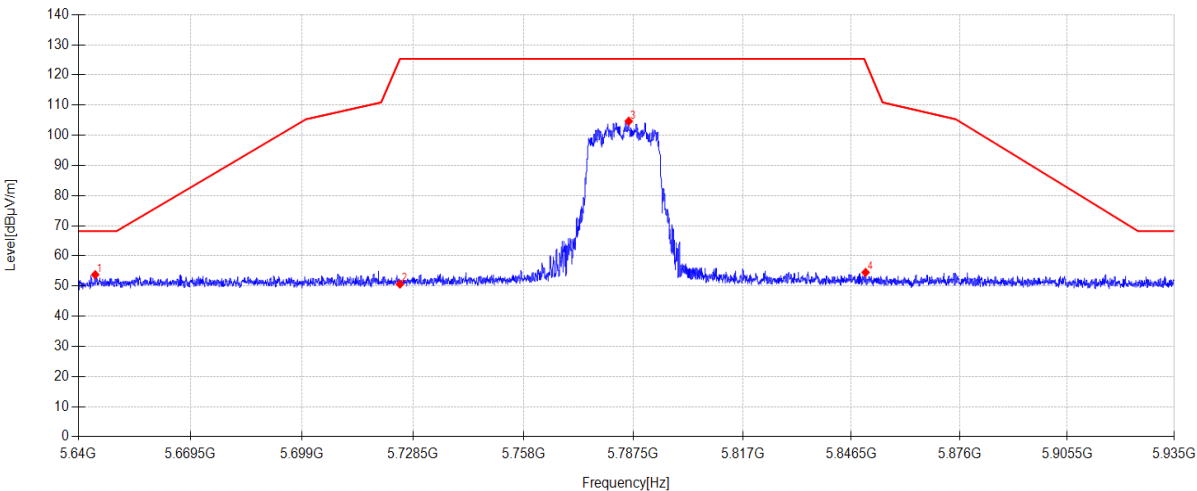
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Memo:

Sample Number: S24081509-003

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	5644.425	44.53	33.39	5.83	-30.00	53.75	68.20	14.45	PK	Horizontal
2	5725.000	41.00	33.75	5.87	-29.99	50.63	125.30	74.67	PK	Horizontal
3	5786.261	94.62	34.12	5.90	-29.98	104.66	125.30	20.64	PK	Horizontal
4	5850.365	44.54	34.00	5.94	-29.97	54.51	124.25	69.74	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX20 TX 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

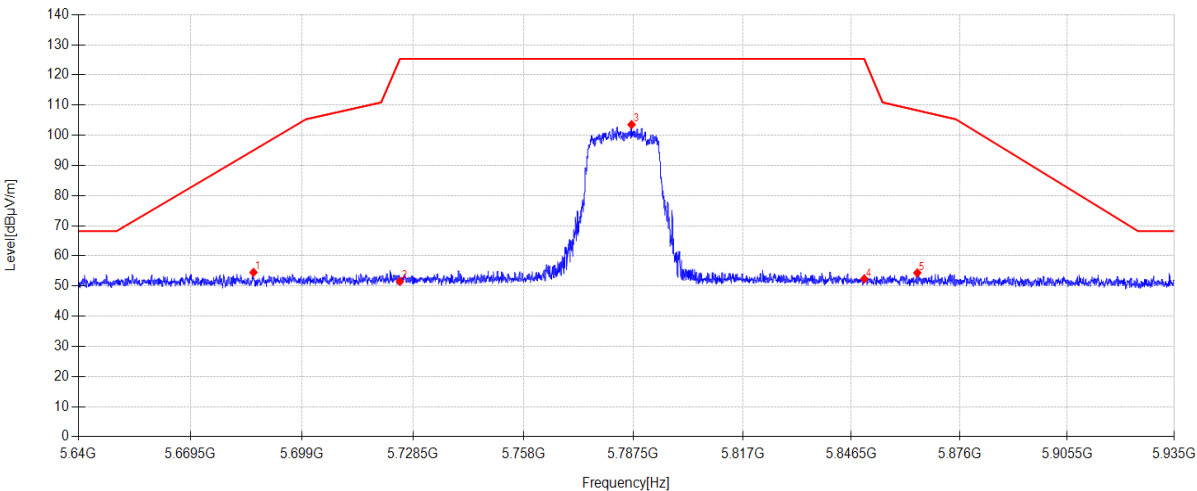
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Memo:

Sample Number: S24081509-003

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	5686.138	45.14	33.54	5.85	-29.99	54.54	95.01	40.47	PK	Vertical
2	5725.000	41.89	33.75	5.87	-29.99	51.52	125.30	73.78	PK	Vertical
3	5787.028	93.50	34.12	5.90	-29.98	103.54	125.30	21.76	PK	Vertical
4	5850.000	42.39	34.00	5.94	-29.97	52.36	125.27	72.91	PK	Vertical
5	5864.466	44.37	34.03	5.94	-29.97	54.37	108.25	53.88	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX20 TX 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

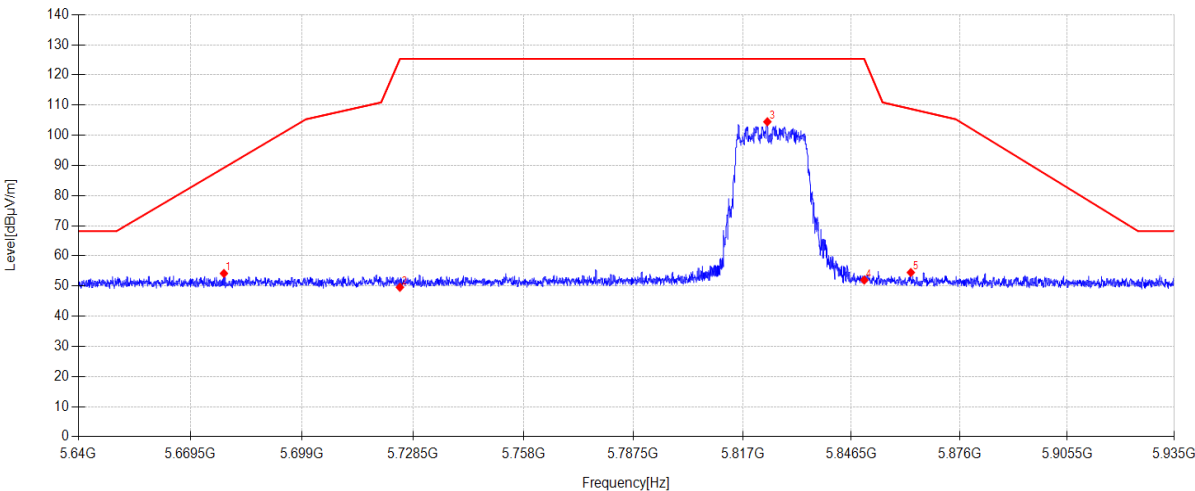
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Memo:

Sample Number: S24081509-003

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	5678.321	44.80	33.51	5.85	-29.99	54.17	89.21	35.04	PK	Horizontal
2	5725.000	39.95	33.75	5.87	-29.99	49.58	125.30	75.72	PK	Horizontal
3	5823.697	94.42	34.11	5.92	-29.97	104.48	125.30	20.82	PK	Horizontal
4	5850.000	42.02	34.00	5.94	-29.97	51.99	125.27	73.28	PK	Horizontal
5	5862.696	44.49	34.03	5.94	-29.97	54.49	108.75	54.26	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX20 TX 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

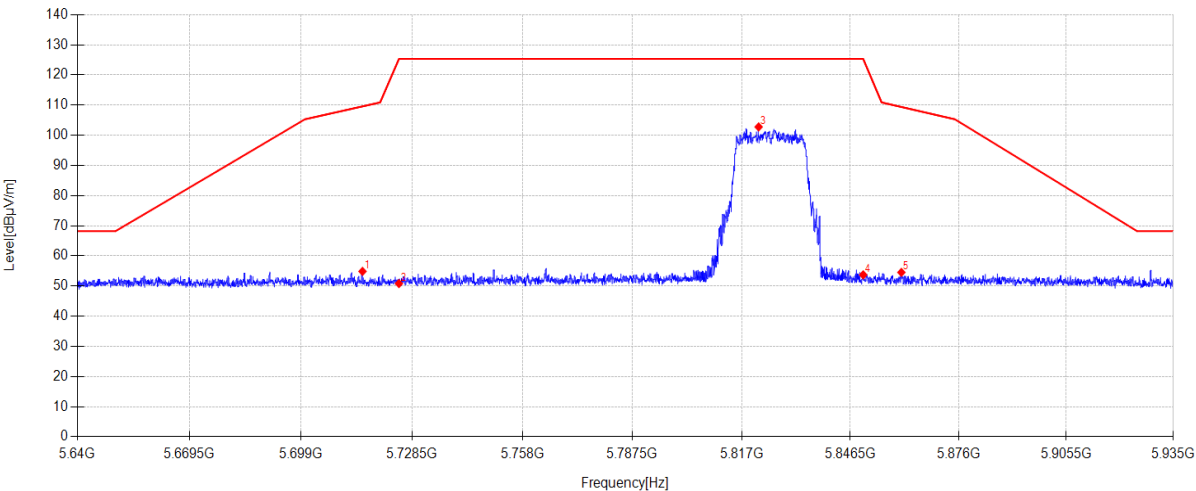
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Memo:

Sample Number: S24081509-003

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	5715.314	45.28	33.69	5.87	-29.99	54.85	109.59	54.74	PK	Vertical
2	5725.000	41.19	33.75	5.87	-29.99	50.82	125.30	74.48	PK	Vertical
3	5821.602	92.72	34.11	5.92	-29.97	102.78	125.30	22.52	PK	Vertical
4	5850.000	43.74	34.00	5.94	-29.97	53.71	125.27	71.56	PK	Vertical
5	5860.395	44.53	34.02	5.94	-29.97	54.52	109.39	54.87	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX40 TX 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

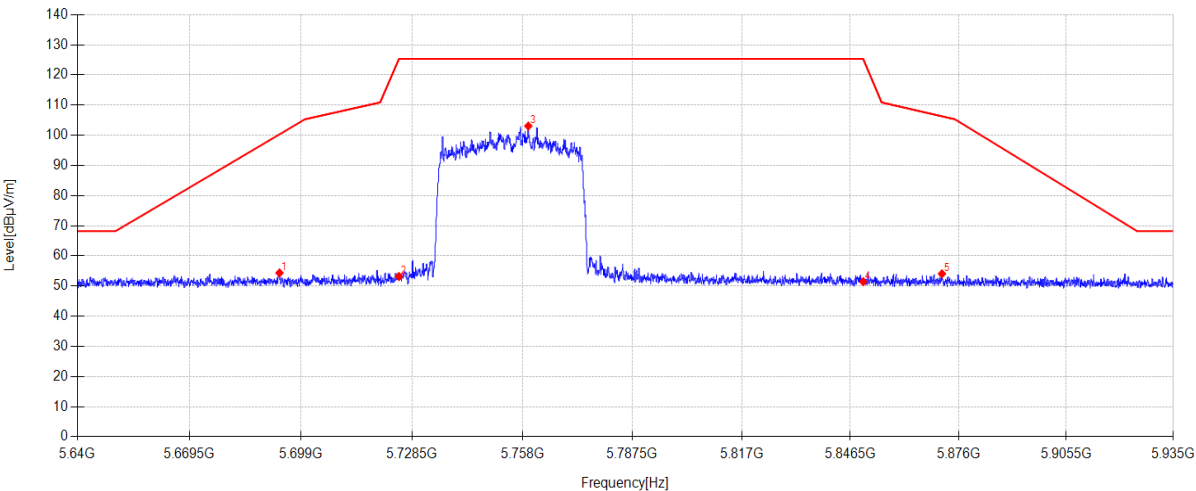
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Memo:

Sample Number: S24081509-003

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	5693.277	44.90	33.57	5.86	-29.99	54.34	100.31	45.97	PK	Horizontal
2	5725.000	43.54	33.75	5.87	-29.99	53.17	125.30	72.13	PK	Horizontal
3	5759.564	93.20	33.96	5.89	-29.98	103.07	125.30	22.23	PK	Horizontal
4	5850.000	41.48	34.00	5.94	-29.97	51.45	125.27	73.82	PK	Horizontal
5	5871.457	44.04	34.04	5.95	-29.97	54.06	106.29	52.23	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX40 TX 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

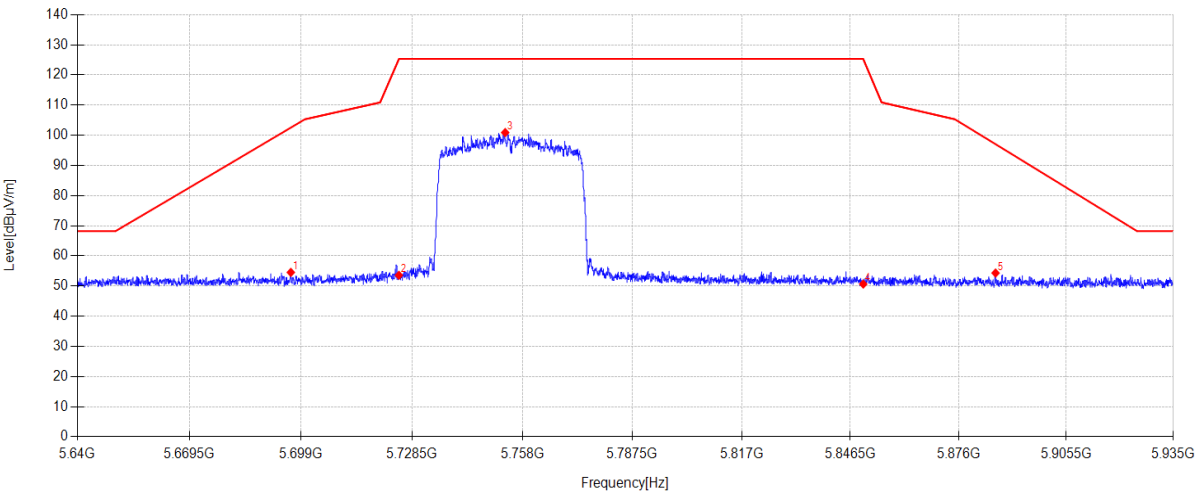
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Memo:

Sample Number: S24081509-003

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	5696.286	45.06	33.59	5.86	-29.99	54.52	102.54	48.02	PK	Vertical
2	5725.000	43.94	33.75	5.87	-29.99	53.57	125.30	71.73	PK	Vertical
3	5753.369	91.06	33.92	5.89	-29.98	100.89	125.30	24.41	PK	Vertical
4	5850.000	40.68	34.00	5.94	-29.97	50.65	125.27	74.62	PK	Vertical
5	5886.119	44.25	34.07	5.95	-29.96	54.31	97.05	42.74	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX40 TX 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

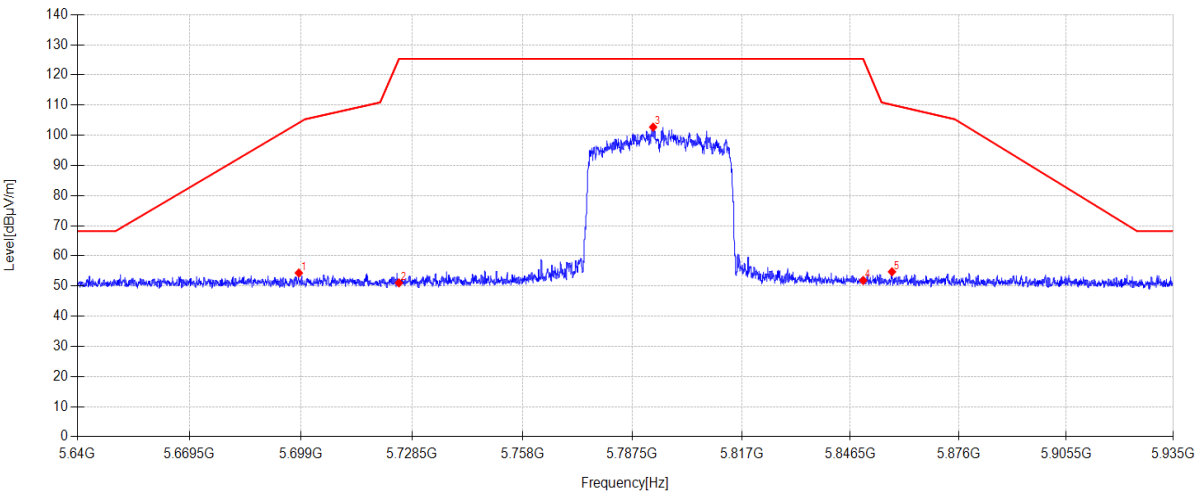
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Memo:

Sample Number: S24081509-003

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	5698.410	44.87	33.59	5.86	-29.99	54.33	104.12	49.79	PK	Horizontal
2	5725.000	41.42	33.75	5.87	-29.99	51.05	125.30	74.25	PK	Horizontal
3	5793.105	92.61	34.16	5.91	-29.98	102.70	125.30	22.60	PK	Horizontal
4	5850.000	41.89	34.00	5.94	-29.97	51.86	125.27	73.41	PK	Horizontal
5	5857.828	44.73	34.02	5.94	-29.97	54.72	110.11	55.39	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX40 TX 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

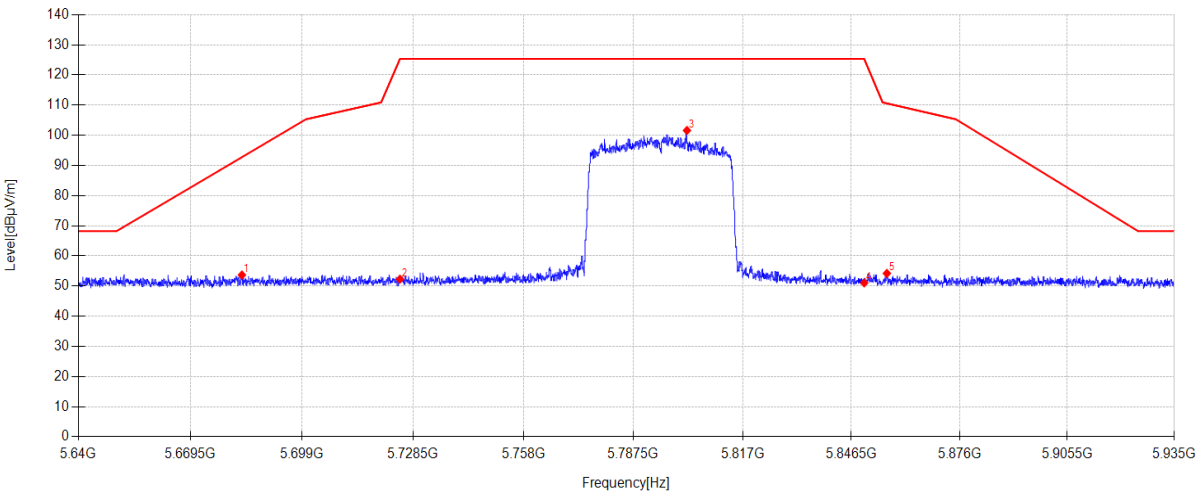
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Memo:

Sample Number: S24081509-003

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	5683.070	44.26	33.53	5.85	-29.99	53.65	92.74	39.09	PK	Vertical
2	5725.000	42.64	33.75	5.87	-29.99	52.27	125.30	73.03	PK	Vertical
3	5801.955	91.48	34.19	5.91	-29.98	101.60	125.30	23.70	PK	Vertical
4	5850.000	41.07	34.00	5.94	-29.97	51.04	125.27	74.23	PK	Vertical
5	5856.176	44.21	34.01	5.94	-29.97	54.19	110.57	56.38	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX80 TX 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

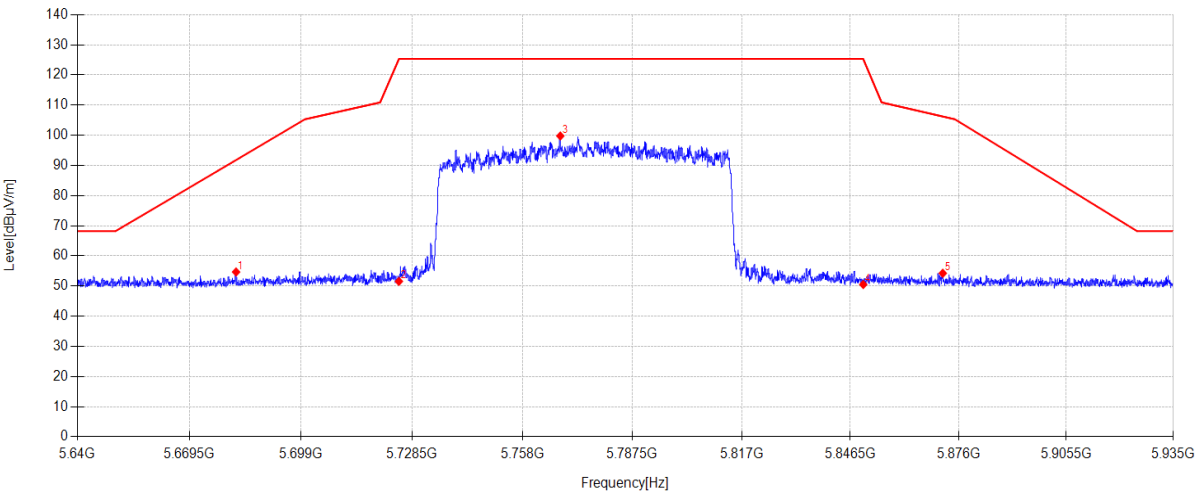
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Memo:

Sample Number: S24081509-003

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	5681.802	45.27	33.53	5.85	-29.99	54.66	91.80	37.14	PK	Horizontal
2	5725.000	41.91	33.75	5.87	-29.99	51.54	125.30	73.76	PK	Horizontal
3	5768.148	89.85	34.01	5.89	-29.98	99.77	125.30	25.53	PK	Horizontal
4	5850.000	40.54	34.00	5.94	-29.97	50.51	125.27	74.76	PK	Horizontal
5	5871.693	44.21	34.04	5.95	-29.97	54.23	106.23	52.00	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:

2024-09-11

Tested By:

Guoyuan Lin

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

MIMO AX80 TX 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

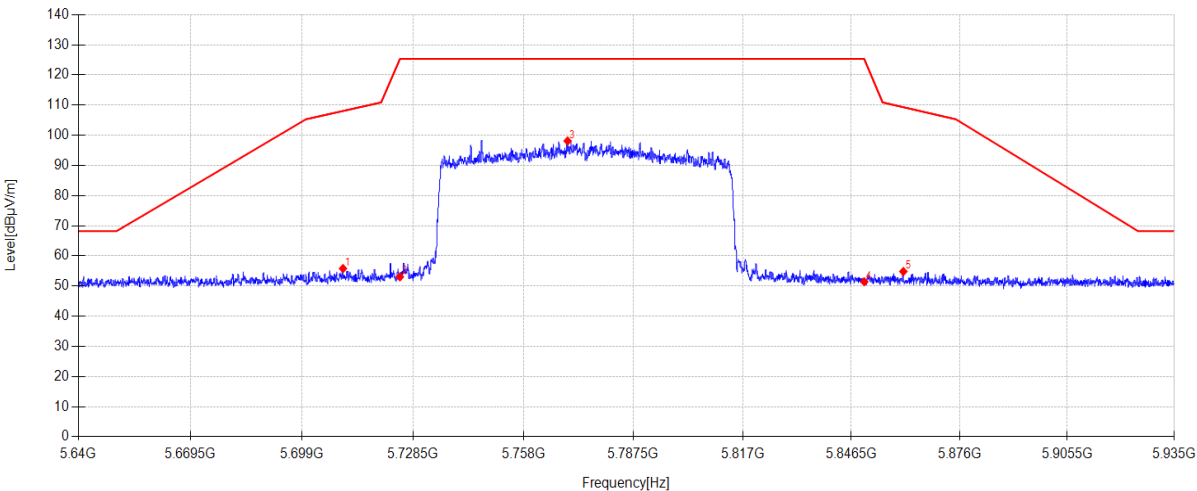
File Path:

d:\ts\2024 report data\Q24081509-1\FCC ABOVE1G 5.8G\46

Memo:

Sample Number: S24081509-003

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	5709.856	46.27	33.66	5.86	-29.99	55.80	108.06	52.26	PK	Vertical
2	5725.000	43.41	33.75	5.87	-29.99	53.04	125.30	72.26	PK	Vertical
3	5769.830	88.19	34.02	5.89	-29.98	98.12	125.30	27.18	PK	Vertical
4	5850.000	41.46	34.00	5.94	-29.97	51.43	125.27	73.84	PK	Vertical
5	5860.660	44.83	34.02	5.94	-29.97	54.82	109.32	54.50	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU0 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

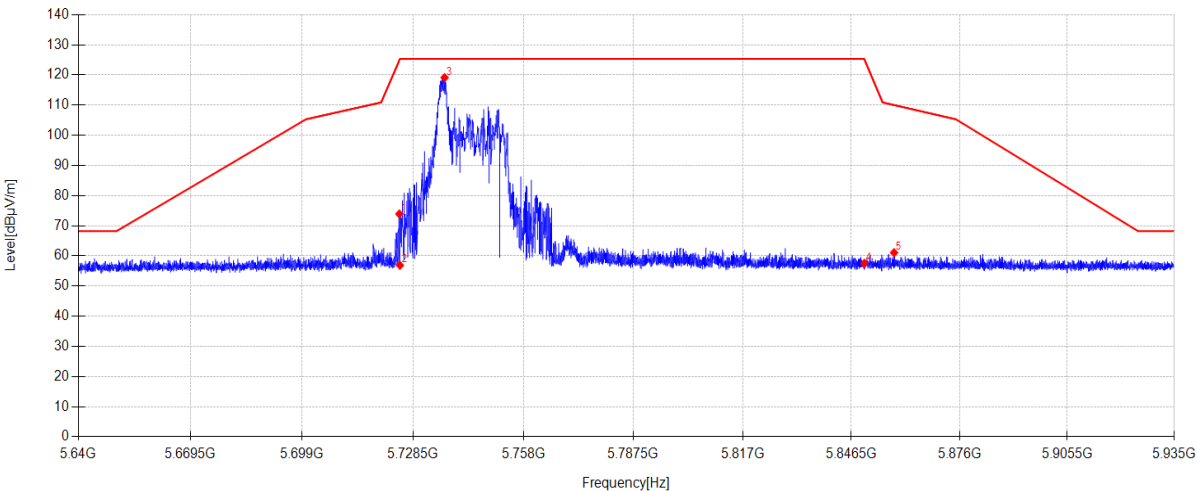
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Memo:

Sample Number: S24081509-003

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	5724.842	64.28	33.75	5.87	-29.99	73.91	124.84	50.93	PK	Horizontal
2	5725.000	47.25	33.75	5.87	-29.99	56.88	125.30	68.42	PK	Horizontal
3	5736.908	109.41	33.82	5.88	-29.98	119.13	125.30	6.17	PK	Horizontal
4	5850.000	47.53	34.00	5.94	-29.97	57.50	125.27	67.77	PK	Horizontal
5	5858.123	51.08	34.02	5.94	-29.97	61.07	110.03	48.96	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU0 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

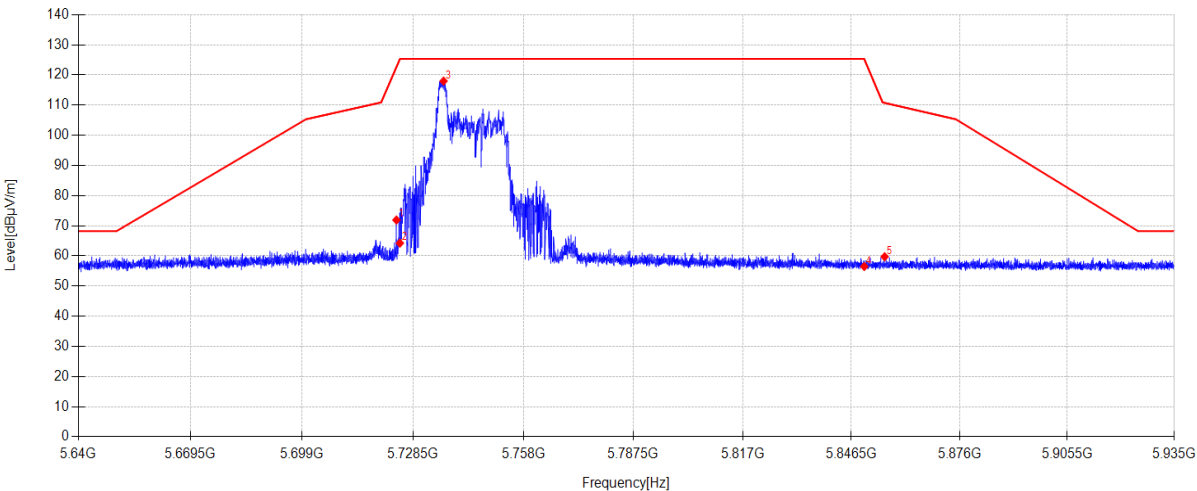
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Memo:

Sample Number: S24081509-003

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	5724.075	62.28	33.74	5.87	-29.99	71.90	122.64	50.74	PK	Vertical
2	5725.000	54.58	33.75	5.87	-29.99	64.21	125.30	61.09	PK	Vertical
3	5736.642	108.25	33.82	5.88	-29.98	117.97	125.30	7.33	PK	Vertical
4	5850.000	46.51	34.00	5.94	-29.97	56.48	125.27	68.79	PK	Vertical
5	5855.557	49.74	34.01	5.94	-29.97	59.72	110.74	51.02	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU8 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

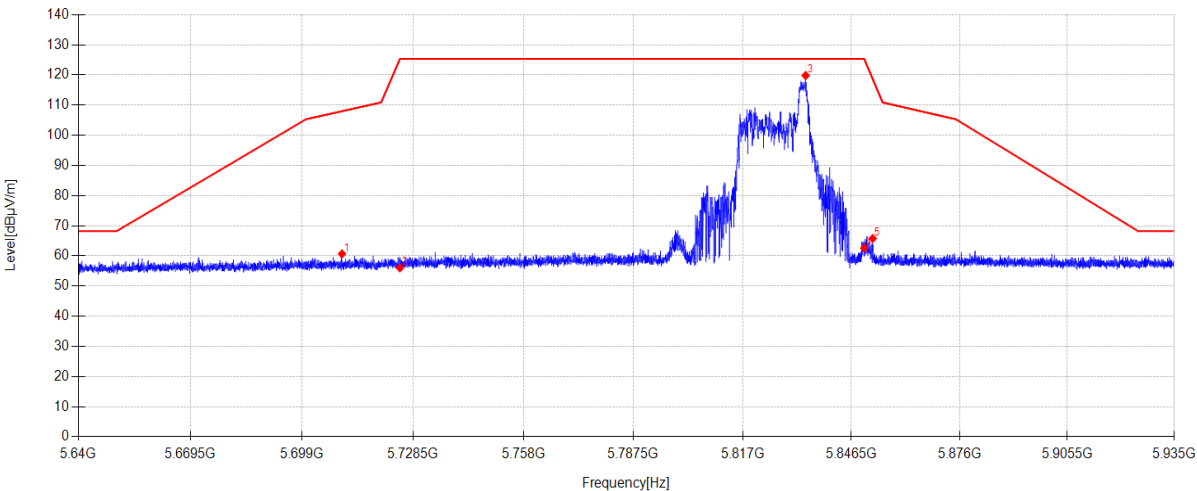
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Memo:

Sample Number: S24081509-003

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	5709.591	51.12	33.66	5.86	-29.99	60.65	107.99	47.34	PK	Vertical
2	5725.000	46.39	33.75	5.87	-29.99	56.02	125.30	69.28	PK	Vertical
3	5834.081	109.80	34.06	5.93	-29.97	119.82	125.30	5.48	PK	Vertical
4	5850.000	52.62	34.00	5.94	-29.97	62.59	125.27	62.68	PK	Vertical
5	5852.312	55.81	34.00	5.94	-29.97	65.78	118.64	52.86	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:

2024-09-05

Tested By:

Zhong Nan

EUT:

Wireless Speaker

Model Number:

ENCHANT SPEAKER

Test Mode:

AX20 RU8 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

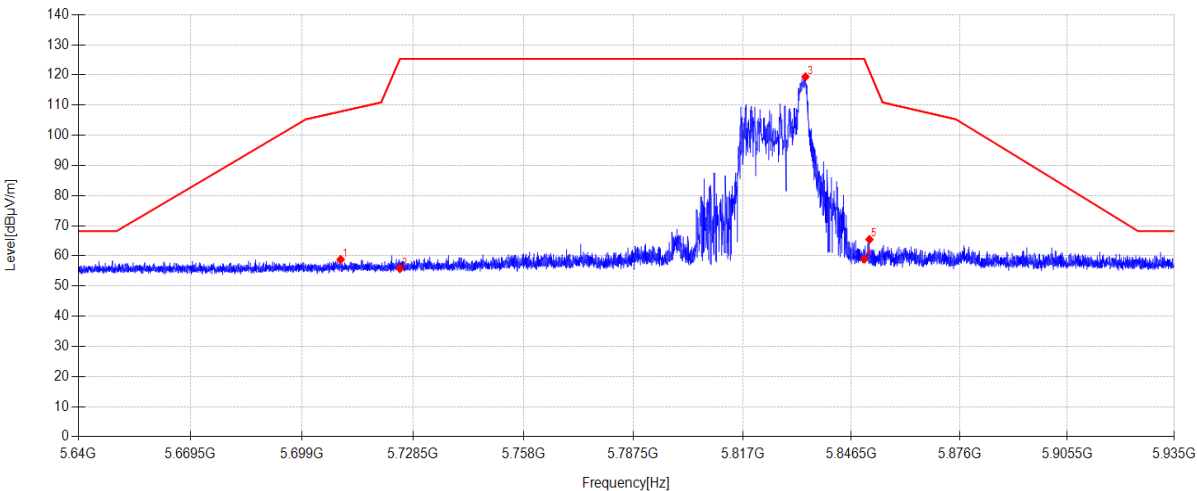
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Memo:

Sample Number: S24081509-003

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	5709.237	49.27	33.66	5.86	-29.99	58.80	107.89	49.09	PK	Horizontal
2	5725.000	46.12	33.75	5.87	-29.99	55.75	125.30	69.55	PK	Horizontal
3	5834.022	109.36	34.06	5.93	-29.97	119.38	125.30	5.92	PK	Horizontal
4	5850.000	48.94	34.00	5.94	-29.97	58.91	125.27	66.36	PK	Horizontal
5	5851.427	55.48	34.00	5.94	-29.97	65.45	121.19	55.74	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.

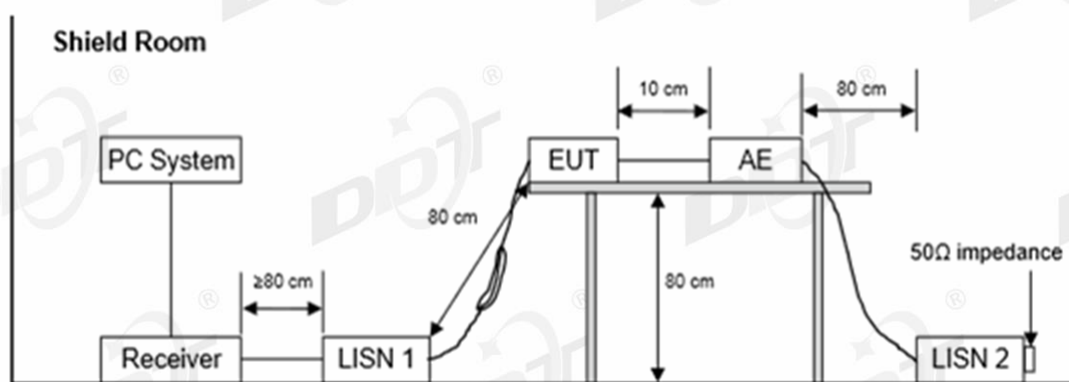
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15.Power Line Conducted Emissions

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Software	Audix/TW	e3	DDT-ZC01252	/
Pulse Limiter	SCHWARZBEC K	ESH3-Z2	DDT-ZC00539	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2025/07/08
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2025/07/08
EMI Test Receiver	R&S	ESCI	DDT-ZC00235	2025/07/08
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2025/07/08

15.2. Block diagram of test setup



15.3. Limits

Frequency	Quasi-Peak Level dBμV	Average Level dBμV
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
/	/	/	/	/

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 1# Shield Room

Test Date

: 2024-09-09

EUT

: Wireless Speaker

Power Supply

: AC 120V/60Hz

Condition

: TEMP:21.5°C, RH:53.6%

Memo

: Sample Number:S24081509-003

D:\2024 CE report data\Q24081509-1E\CE-FCC.EM6

Tested By

: Gen Liu

Model Number

: ENCHANT SPEAKER

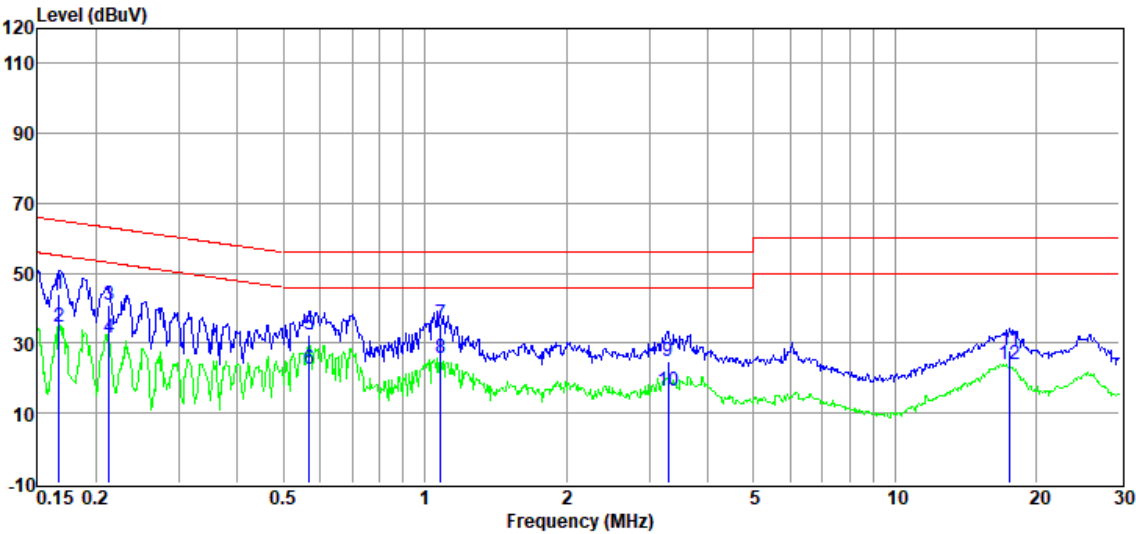
Test Mode

: Tx mode

LISN

: 2023 1# ENV216/LINE

Data: 6



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	0.17	23.61	9.76	0.92	9.68	43.97	65.12	-21.15	QP	LINE
2	0.17	14.38	9.76	0.92	9.68	34.74	55.12	-20.38	Average	LINE
3	0.21	20.56	9.78	0.91	9.69	40.94	63.10	-22.16	QP	LINE
4	0.21	11.17	9.78	0.91	9.69	31.55	53.10	-21.55	Average	LINE
5	0.57	12.03	9.80	0.83	9.72	32.38	56.00	-23.62	QP	LINE
6	0.57	2.21	9.80	0.83	9.72	22.56	46.00	-23.44	Average	LINE
7	1.08	15.63	9.66	0.67	9.73	35.69	56.00	-20.31	QP	LINE
8	1.08	5.61	9.66	0.67	9.73	25.67	46.00	-20.33	Average	LINE
9	3.29	5.04	9.64	0.58	9.78	25.04	56.00	-30.96	QP	LINE
10	3.29	-3.66	9.64	0.58	9.78	16.34	46.00	-29.66	Average	LINE
11	17.57	7.97	9.85	0.33	9.90	28.05	60.00	-31.95	QP	LINE
12	17.57	3.70	9.85	0.33	9.90	23.78	50.00	-26.22	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 1# Shield Room

D:\2024 CE report data\Q24081509-1E\CE-FCC.EM6

Test Date

: 2024-09-09

Tested By

: Gen Liu

EUT

: Wireless Speaker

Model Number

: ENCHANT SPEAKER

Power Supply

: AC 120V/60Hz

Test Mode

: Tx mode

Condition

: TEMP:21.5°C, RH:53.6%

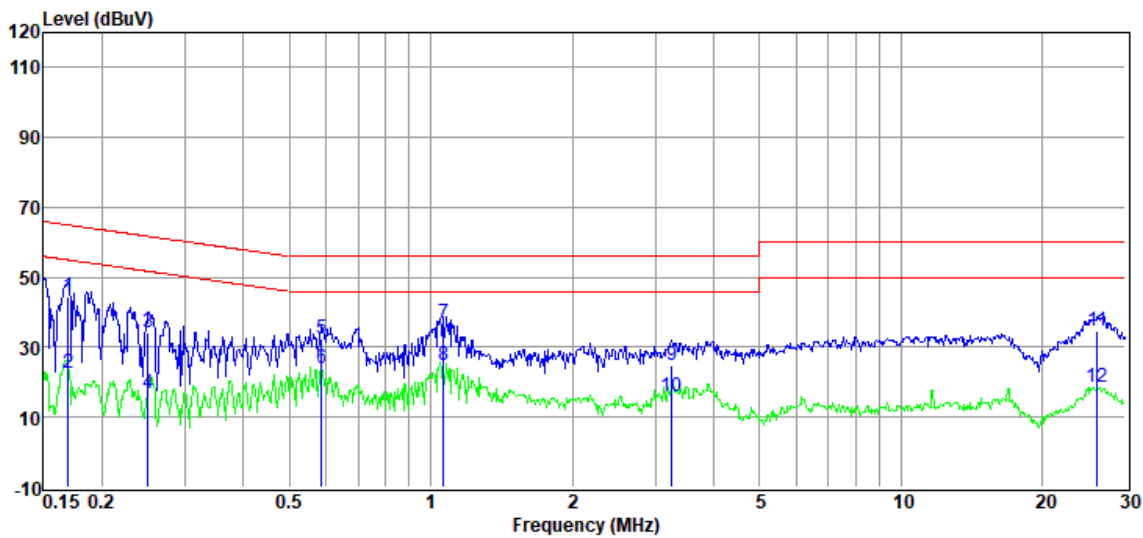
LISN

: 2023 1# ENV216/NEUTRAL

Memo

: Sample Number:S24081509-003

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.17	23.83	9.89	0.92	9.68	44.32	64.99	-20.67	QP	NEUTRAL
2	0.17	1.96	9.89	0.92	9.68	22.45	54.99	-32.54	Average	NEUTRAL
3	0.25	14.09	9.75	0.89	9.69	34.42	61.73	-27.31	QP	NEUTRAL
4	0.25	-3.60	9.75	0.89	9.69	16.73	51.73	-35.00	Average	NEUTRAL
5	0.59	12.04	9.82	0.83	9.72	32.41	56.00	-23.59	QP	NEUTRAL
6	0.59	3.48	9.82	0.83	9.72	23.85	46.00	-22.15	Average	NEUTRAL
7	1.07	16.76	9.74	0.67	9.73	36.90	56.00	-19.10	QP	NEUTRAL
8	1.07	4.92	9.74	0.67	9.73	25.06	46.00	-20.94	Average	NEUTRAL
9	3.26	4.89	9.72	0.58	9.78	24.97	56.00	-31.03	QP	NEUTRAL
10	3.26	-4.28	9.72	0.58	9.78	15.80	46.00	-30.20	Average	NEUTRAL
11	26.14	14.26	10.04	0.54	9.91	34.75	60.00	-25.25	QP	NEUTRAL
12	26.14	-1.96	10.04	0.54	9.91	18.53	50.00	-31.47	Average	NEUTRAL

Note:

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

17. Photos of the EUT

Please refer to DDT-Q24081509-2E appendix I

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