

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT2 11A TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

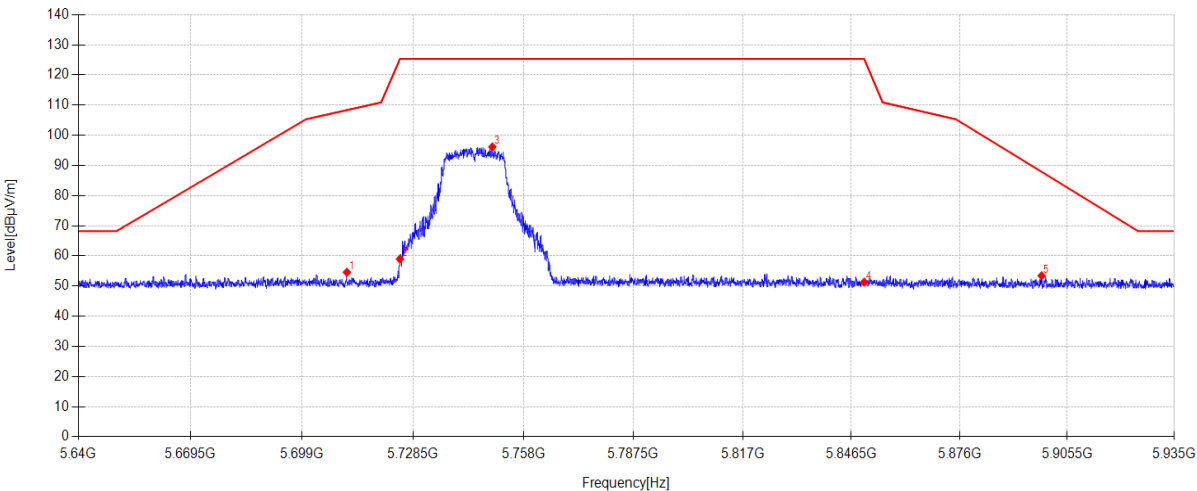
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Memo:

Sample Number: S24081429-002

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	5710.889	45.01	33.67	5.87	-29.99	54.56	108.35	53.79	PK	Horizontal
2	5725.000	49.33	33.75	5.87	-29.99	58.96	125.30	66.34	PK	Horizontal
3	5749.681	86.35	33.90	5.88	-29.98	96.15	125.30	29.15	PK	Horizontal
4	5850.000	41.31	34.00	5.94	-29.97	51.28	125.27	73.99	PK	Horizontal
5	5898.479	43.31	34.10	5.96	-29.96	53.41	87.88	34.47	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT2 11A TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

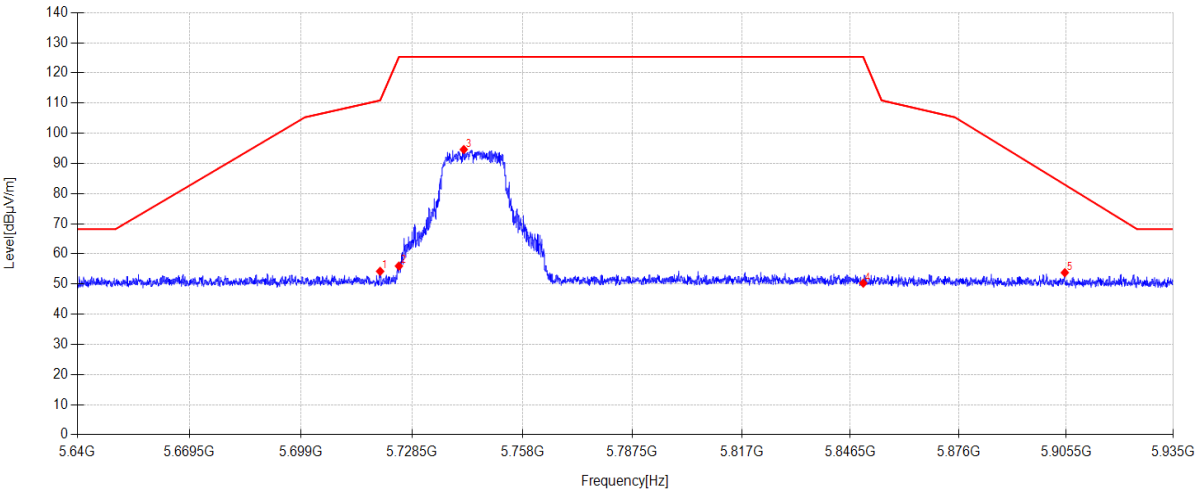
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Memo:

Sample Number: S24081429-002

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	5720.004	44.61	33.72	5.87	-29.99	54.21	110.91	56.70	PK	Vertical
2	5725.000	46.33	33.75	5.87	-29.99	55.96	125.30	69.34	PK	Vertical
3	5742.306	84.86	33.85	5.88	-29.98	94.61	125.30	30.69	PK	Vertical
4	5850.000	40.32	34.00	5.94	-29.97	50.29	125.27	74.98	PK	Vertical
5	5905.117	43.67	34.11	5.96	-29.96	53.78	82.95	29.17	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT1 11A TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

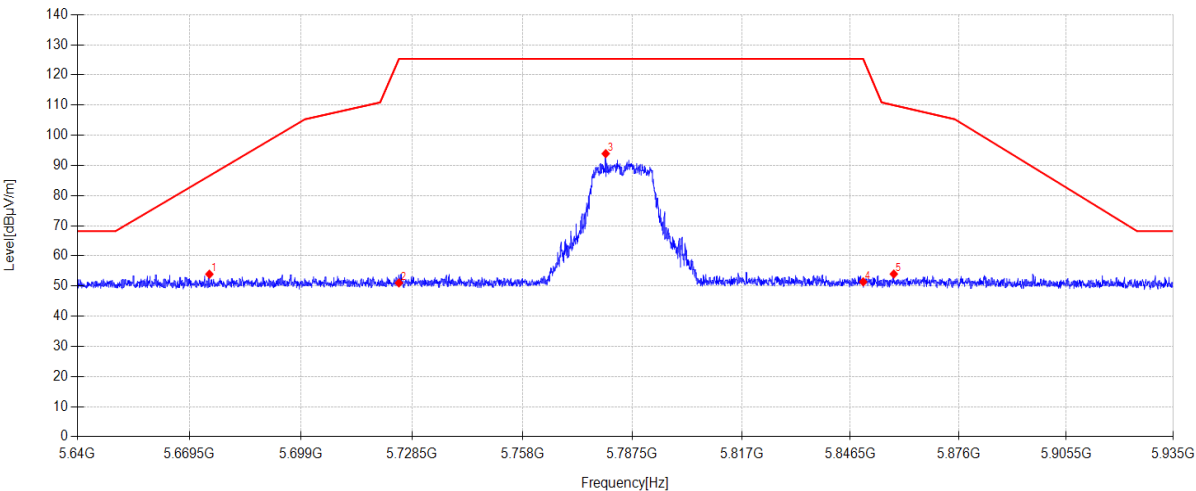
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Memo:

Sample Number: S24081429-002

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	5674.751	44.57	33.50	5.85	-29.99	53.93	86.57	32.64	PK	Horizontal
2	5725.000	41.40	33.75	5.87	-29.99	51.03	125.30	74.27	PK	Horizontal
3	5780.332	83.91	34.08	5.90	-29.98	93.91	125.30	31.39	PK	Horizontal
4	5850.000	41.42	34.00	5.94	-29.97	51.39	125.27	73.88	PK	Horizontal
5	5858.330	43.99	34.02	5.94	-29.97	53.98	109.97	55.99	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT1 11A TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

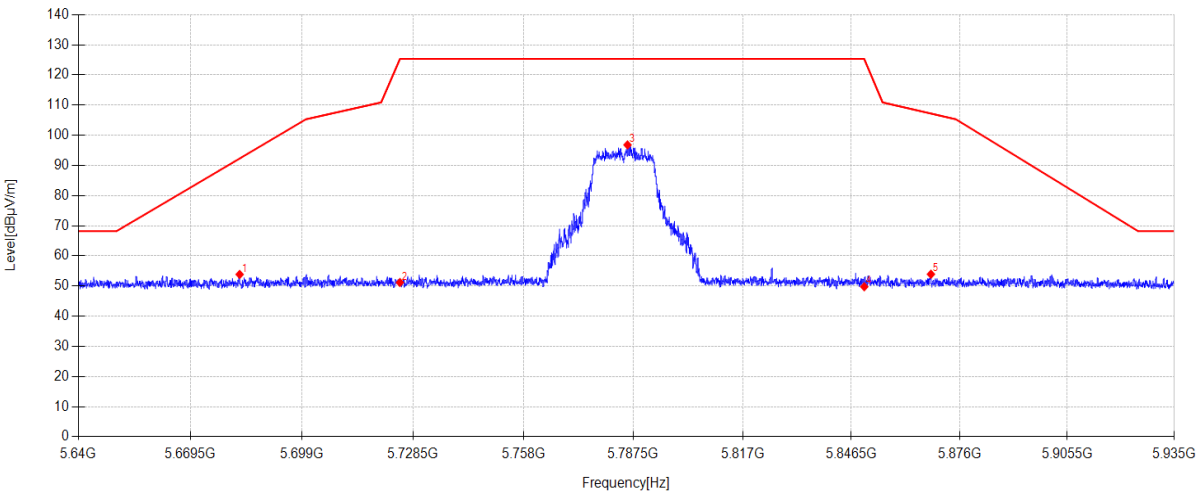
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Memo:

Sample Number: S24081429-002

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	5682.480	44.46	33.53	5.85	-29.99	53.85	92.30	38.45	PK	Vertical
2	5725.000	41.54	33.75	5.87	-29.99	51.17	125.30	74.13	PK	Vertical
3	5785.937	86.77	34.12	5.90	-29.98	96.81	125.30	28.49	PK	Vertical
4	5850.000	39.80	34.00	5.94	-29.97	49.77	125.27	75.50	PK	Vertical
5	5868.183	43.90	34.04	5.94	-29.97	53.91	107.21	53.30	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT2 11A TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

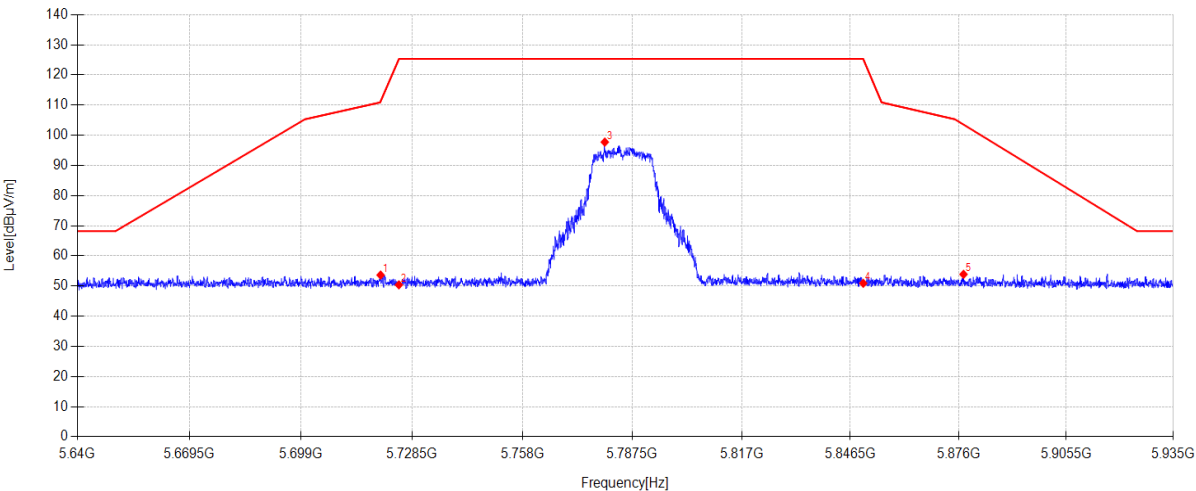
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Memo:

Sample Number: S24081429-002

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	5720.122	44.03	33.72	5.87	-29.99	53.63	111.25	57.62	PK	Horizontal
2	5725.000	40.76	33.75	5.87	-29.99	50.39	125.30	74.91	PK	Horizontal
3	5780.096	87.73	34.08	5.90	-29.98	97.73	125.30	27.57	PK	Horizontal
4	5850.000	40.94	34.00	5.94	-29.97	50.91	125.27	74.36	PK	Horizontal
5	5877.357	43.85	34.05	5.95	-29.97	53.88	103.55	49.67	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT2 11A TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

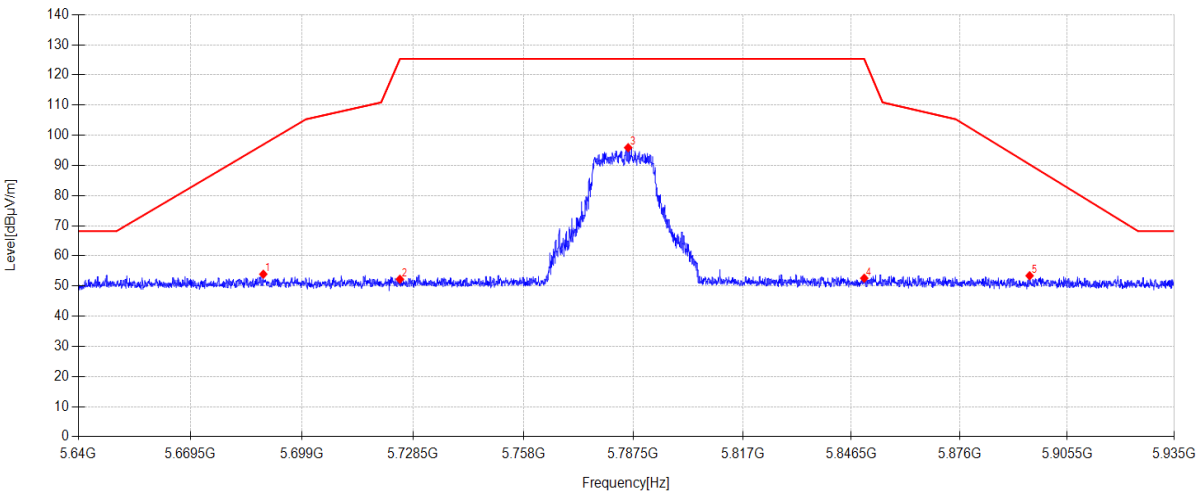
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Memo:

Sample Number: S24081429-002

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	5688.734	44.51	33.55	5.85	-29.99	53.92	96.94	43.02	PK	Vertical
2	5725.000	42.62	33.75	5.87	-29.99	52.25	125.30	73.05	PK	Vertical
3	5786.114	85.85	34.12	5.90	-29.98	95.89	125.30	29.41	PK	Vertical
4	5850.000	42.63	34.00	5.94	-29.97	52.60	125.27	72.67	PK	Vertical
5	5895.175	43.33	34.09	5.96	-29.96	53.42	90.33	36.91	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT1 11A TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

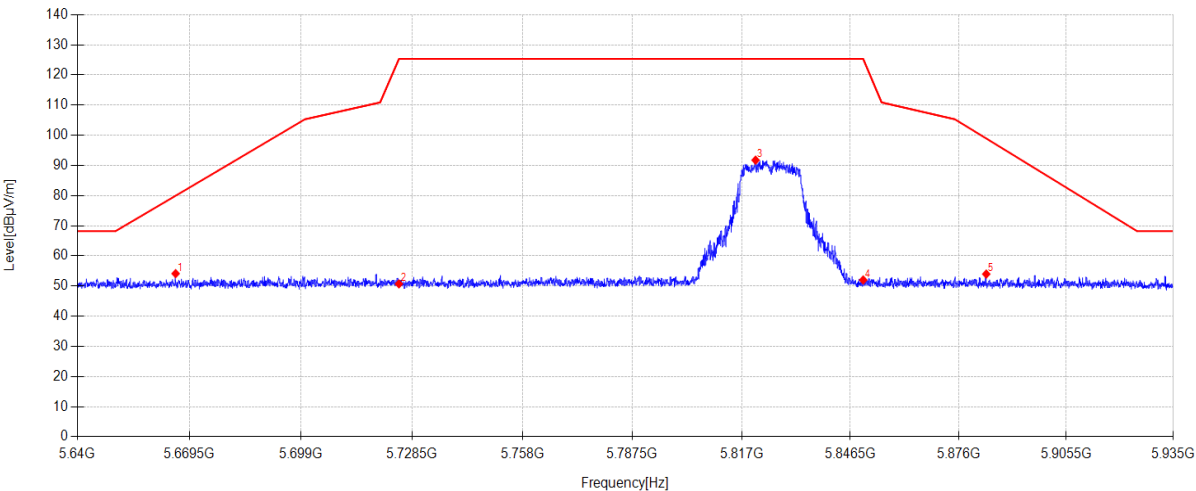
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Memo:

Sample Number: S24081429-002

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	5665.842	44.80	33.46	5.84	-29.99	54.11	79.95	25.84	PK	Horizontal
2	5725.000	41.08	33.75	5.87	-29.99	50.71	125.30	74.59	PK	Horizontal
3	5820.776	81.69	34.12	5.92	-29.97	91.76	125.30	33.54	PK	Horizontal
4	5850.000	42.04	34.00	5.94	-29.97	52.01	125.27	73.26	PK	Horizontal
5	5883.582	43.92	34.07	5.95	-29.97	53.97	98.93	44.96	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT1 11A TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

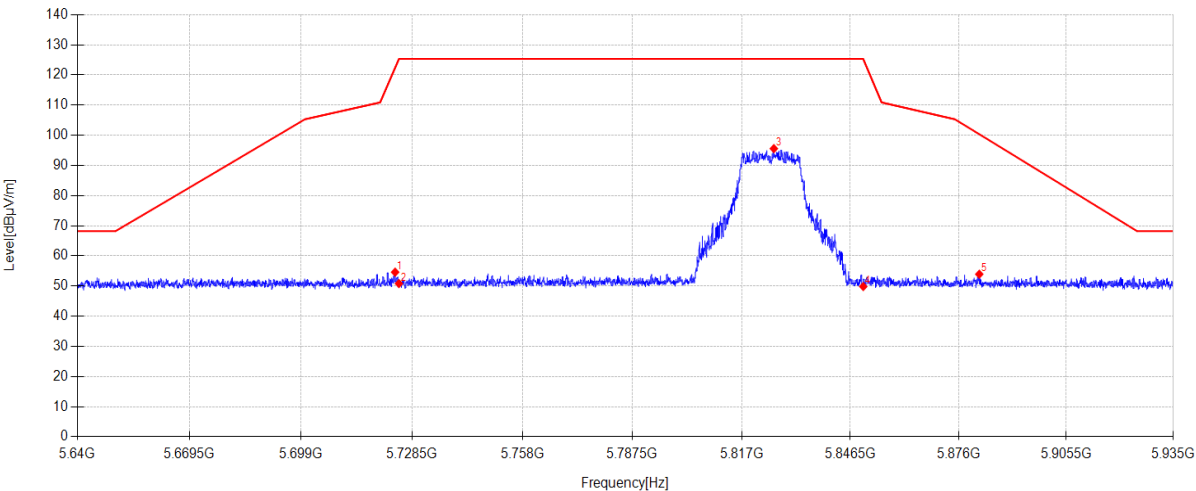
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Memo:

Sample Number: S24081429-002

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	5723.987	44.98	33.74	5.87	-29.99	54.60	122.38	67.78	PK	Vertical
2	5725.000	41.19	33.75	5.87	-29.99	50.82	125.30	74.48	PK	Vertical
3	5825.732	85.53	34.10	5.92	-29.97	95.58	125.30	29.72	PK	Vertical
4	5850.000	39.87	34.00	5.94	-29.97	49.84	125.27	75.43	PK	Vertical
5	5881.664	43.88	34.06	5.95	-29.97	53.92	100.36	46.44	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT2 11A TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

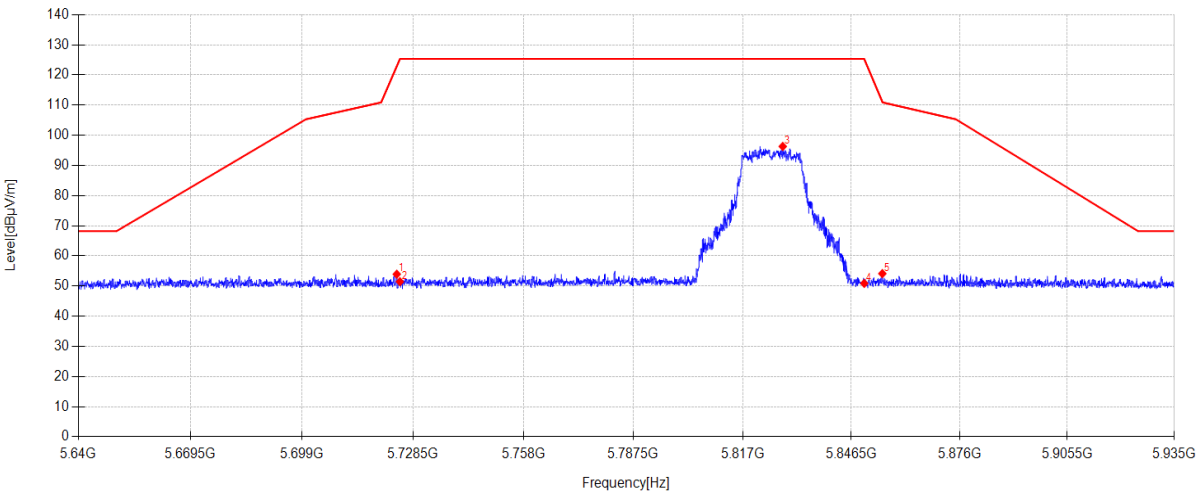
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Memo:

Sample Number: S24081429-002

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	5724.164	44.31	33.74	5.87	-29.99	53.93	122.89	68.96	PK	Horizontal
2	5725.000	41.82	33.75	5.87	-29.99	51.45	125.30	73.85	PK	Horizontal
3	5827.856	86.26	34.09	5.92	-29.97	96.30	125.30	29.00	PK	Horizontal
4	5850.000	40.91	34.00	5.94	-29.97	50.88	125.27	74.39	PK	Horizontal
5	5854.937	44.14	34.01	5.94	-29.97	54.12	111.08	56.96	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

ANT2 11A TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

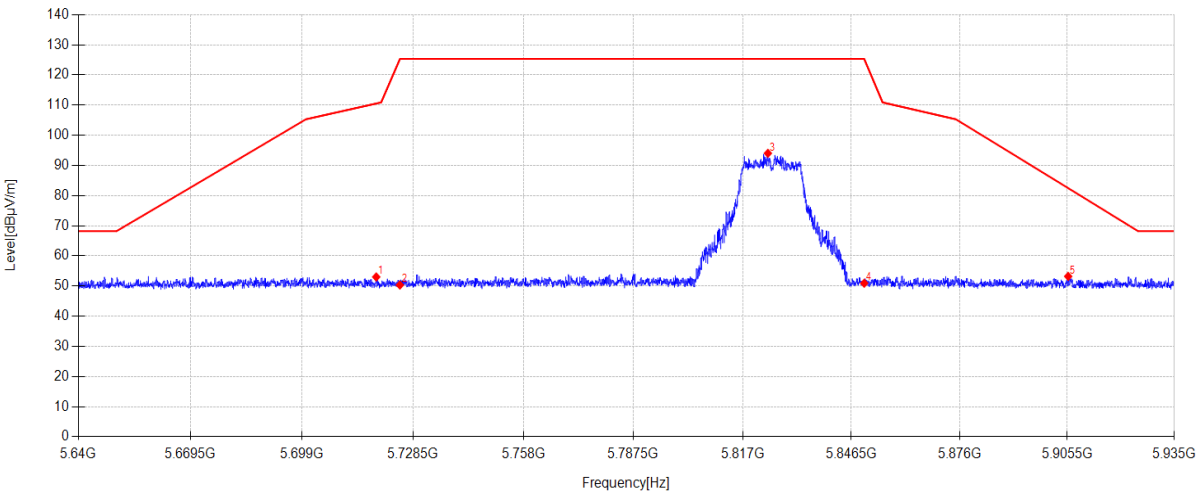
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Memo:

Sample Number: S24081429-002

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	5718.706	43.42	33.71	5.87	-29.99	53.01	110.54	57.53	PK	Vertical
2	5725.000	40.70	33.75	5.87	-29.99	50.33	125.30	74.97	PK	Vertical
3	5823.844	83.97	34.10	5.92	-29.97	94.02	125.30	31.28	PK	Vertical
4	5850.000	40.96	34.00	5.94	-29.97	50.93	125.27	74.34	PK	Vertical
5	5905.766	43.10	34.11	5.96	-29.96	53.21	82.47	29.26	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

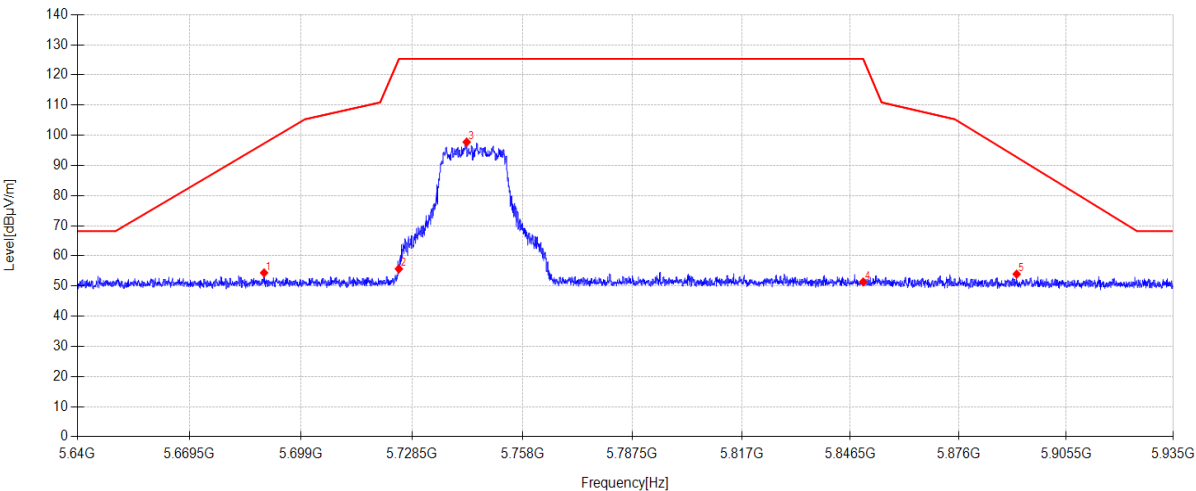
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Memo:

Sample Number: S24081429-002

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	5689.206	44.96	33.56	5.85	-29.99	54.38	97.29	42.91	PK	Horizontal
2	5725.000	46.06	33.75	5.87	-29.99	55.69	125.30	69.61	PK	Horizontal
3	5743.073	87.98	33.86	5.88	-29.98	97.74	125.30	27.56	PK	Horizontal
4	5850.000	41.38	34.00	5.94	-29.97	51.35	125.27	73.92	PK	Horizontal
5	5891.901	43.88	34.08	5.96	-29.96	53.96	92.76	38.80	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

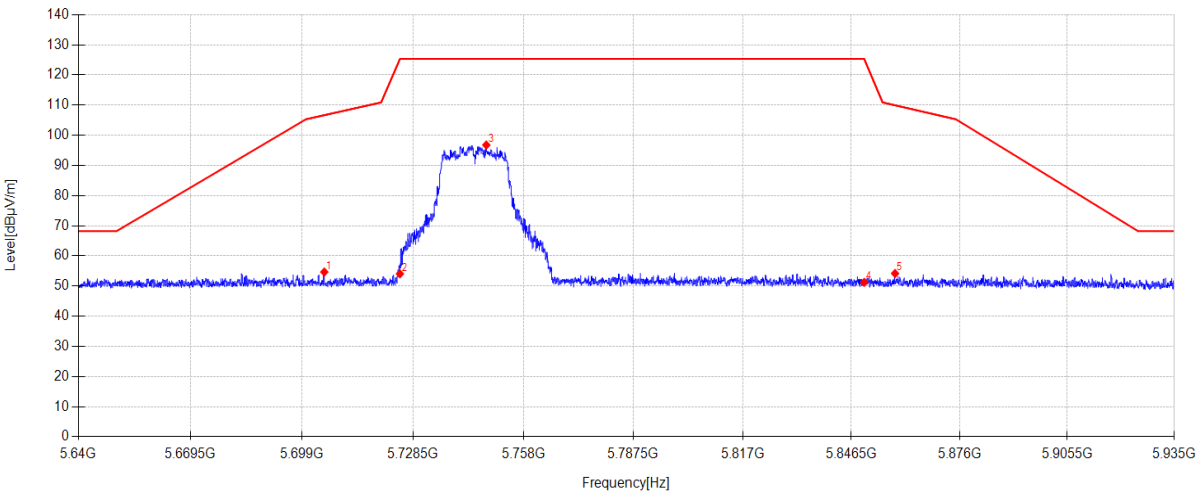
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Memo:

Sample Number: S24081429-002

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	5704.900	45.16	33.63	5.86	-29.99	54.66	106.67	52.01	PK	Vertical
2	5725.000	44.40	33.75	5.87	-29.99	54.03	125.30	71.27	PK	Vertical
3	5748.059	86.98	33.89	5.88	-29.98	96.77	125.30	28.53	PK	Vertical
4	5850.000	41.26	34.00	5.94	-29.97	51.23	125.27	74.04	PK	Vertical
5	5858.389	44.18	34.02	5.94	-29.97	54.17	109.95	55.78	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

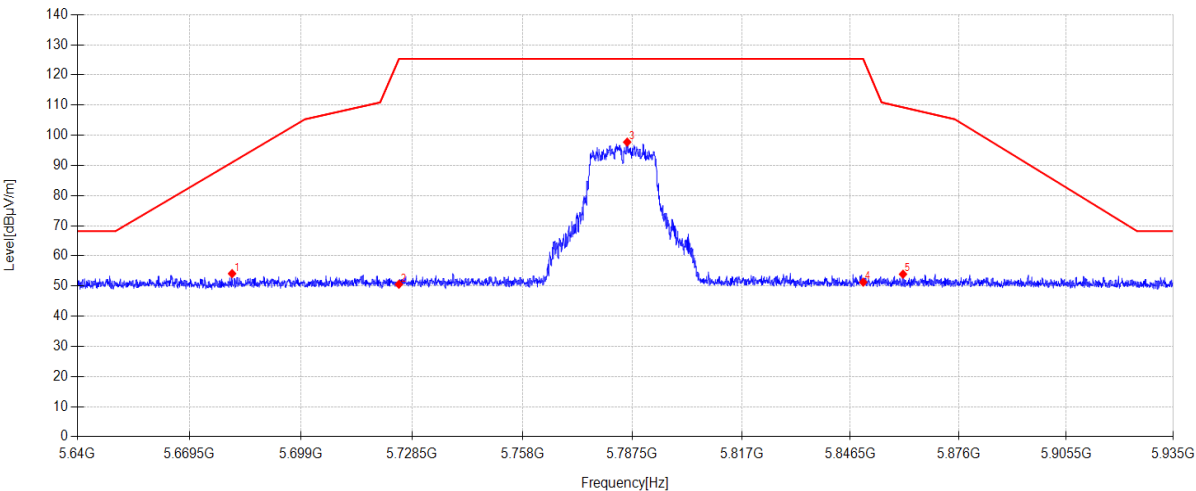
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Memo:

Sample Number: S24081429-002

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	5680.740	44.74	33.52	5.85	-29.99	54.12	91.01	36.89	PK	Horizontal
2	5725.000	40.95	33.75	5.87	-29.99	50.58	125.30	74.72	PK	Horizontal
3	5786.114	87.69	34.12	5.90	-29.98	97.73	125.30	27.57	PK	Horizontal
4	5850.000	41.31	34.00	5.94	-29.97	51.28	125.27	73.99	PK	Horizontal
5	5860.837	43.94	34.02	5.94	-29.97	53.93	109.27	55.34	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

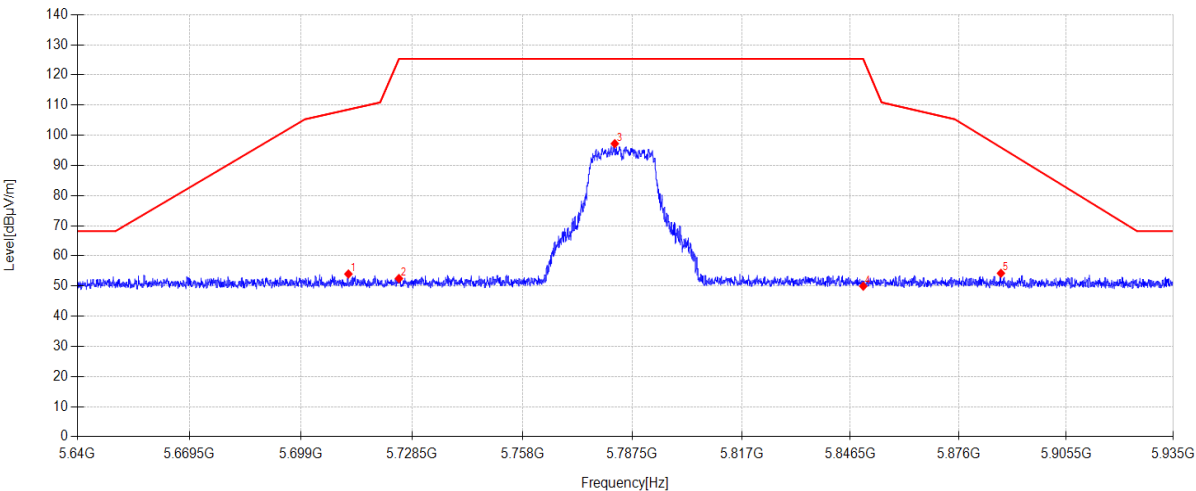
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d:\ts\2024 report data\Q24081429-2E\FCC ABOVE1G 5.8G\32

Memo:

Sample Number: S24081429-002

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	5711.567	44.44	33.67	5.87	-29.99	53.99	108.54	54.55	PK	Vertical
2	5725.000	42.86	33.75	5.87	-29.99	52.49	125.30	72.81	PK	Vertical
3	5782.780	87.21	34.10	5.90	-29.98	97.23	125.30	28.07	PK	Vertical
4	5850.000	39.98	34.00	5.94	-29.97	49.95	125.27	75.32	PK	Vertical
5	5887.594	44.16	34.08	5.95	-29.96	54.23	95.96	41.73	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

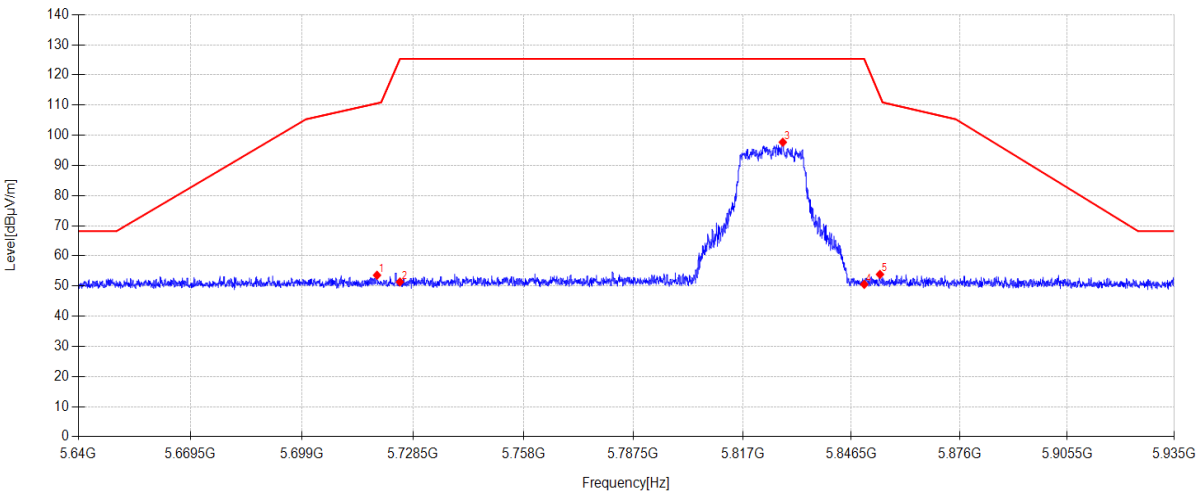
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d:\ts\2024 report data\Q24081429-2E\FCC ABOVE1G 5.8G\29

Memo:

Sample Number: S24081429-002

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	5718.913	43.99	33.71	5.87	-29.99	53.58	110.60	57.02	PK	Horizontal
2	5725.000	41.73	33.75	5.87	-29.99	51.36	125.30	73.94	PK	Horizontal
3	5827.886	87.65	34.09	5.92	-29.97	97.69	125.30	27.61	PK	Horizontal
4	5850.000	40.58	34.00	5.94	-29.97	50.55	125.27	74.72	PK	Horizontal
5	5854.288	43.88	34.01	5.94	-29.97	53.86	112.95	59.09	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

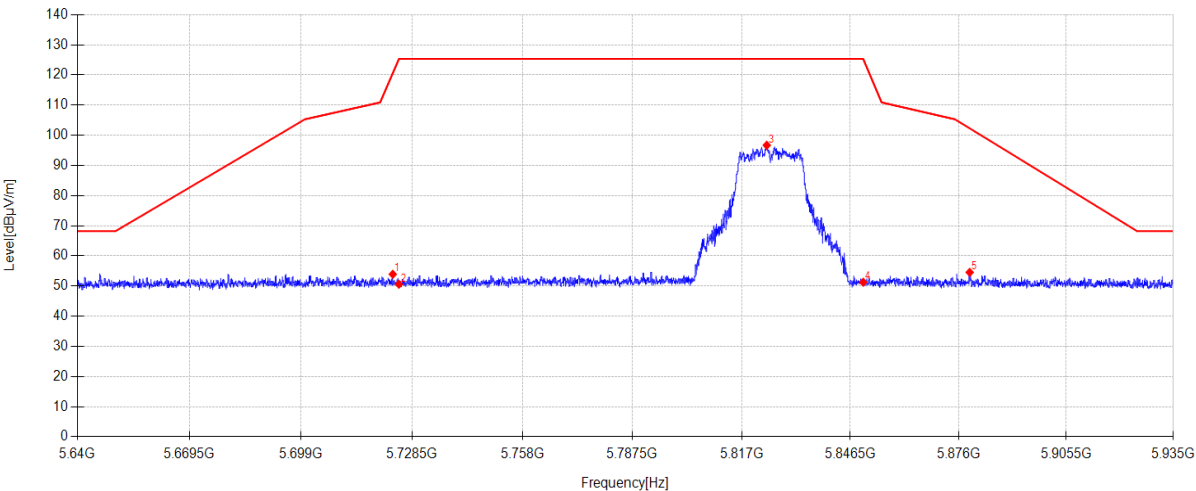
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Memo:

Sample Number: S24081429-002

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	5723.367	44.29	33.74	5.87	-29.99	53.91	120.60	66.69	PK	Vertical
2	5725.000	40.97	33.75	5.87	-29.99	50.60	125.30	74.70	PK	Vertical
3	5823.815	86.64	34.10	5.92	-29.97	96.69	125.30	28.61	PK	Vertical
4	5850.000	41.29	34.00	5.94	-29.97	51.26	125.27	74.01	PK	Vertical
5	5879.039	44.49	34.06	5.95	-29.97	54.53	102.30	47.77	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

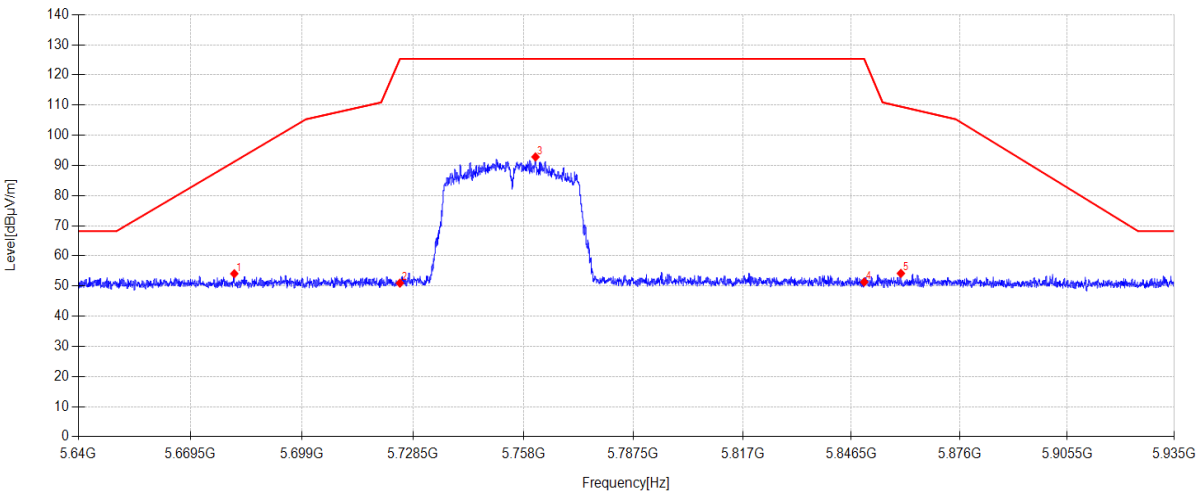
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Memo:

Sample Number: S24081429-002

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	5681.064	44.71	33.52	5.85	-29.99	54.09	91.25	37.16	PK	Horizontal
2	5725.000	41.33	33.75	5.87	-29.99	50.96	125.30	74.34	PK	Horizontal
3	5761.216	82.93	33.97	5.89	-29.98	92.81	125.30	32.49	PK	Horizontal
4	5850.000	41.37	34.00	5.94	-29.97	51.34	125.27	73.93	PK	Horizontal
5	5859.982	44.20	34.02	5.94	-29.97	54.19	109.51	55.32	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

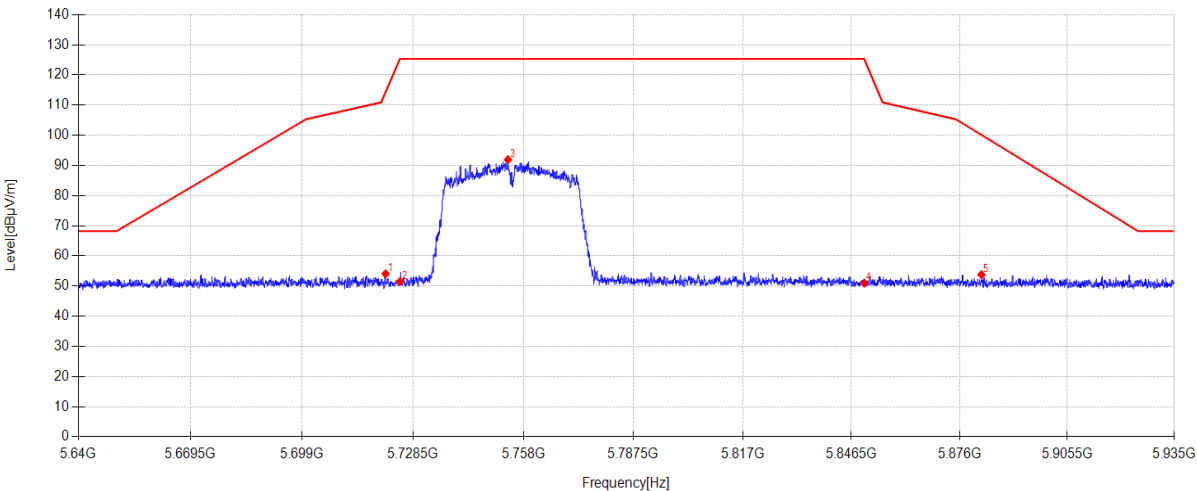
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Memo:

Sample Number: S24081429-002

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	5721.184	44.44	33.73	5.87	-29.99	54.05	114.31	60.26	PK	Vertical
2	5725.000	41.84	33.75	5.87	-29.99	51.47	125.30	73.83	PK	Vertical
3	5753.841	82.08	33.92	5.89	-29.98	91.91	125.30	33.39	PK	Vertical
4	5850.000	40.99	34.00	5.94	-29.97	50.96	125.27	74.31	PK	Vertical
5	5881.989	43.71	34.06	5.95	-29.97	53.75	100.11	46.36	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

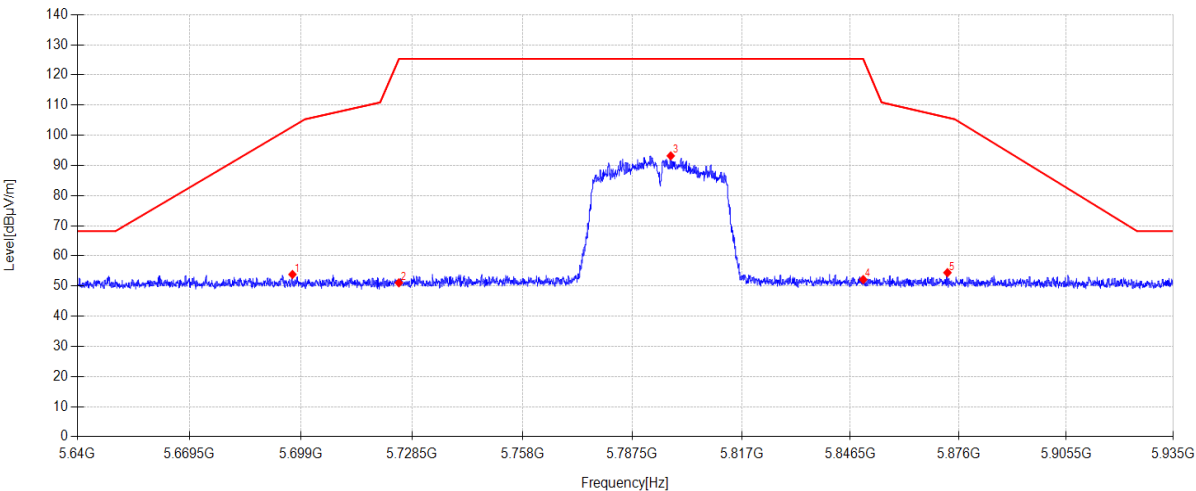
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Memo:

Sample Number: S24081429-002

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	5696.729	44.39	33.59	5.86	-29.99	53.85	102.87	49.02	PK	Horizontal
2	5725.000	41.44	33.75	5.87	-29.99	51.07	125.30	74.23	PK	Horizontal
3	5797.855	83.06	34.19	5.91	-29.98	93.18	125.30	32.12	PK	Horizontal
4	5850.000	42.17	34.00	5.94	-29.97	52.14	125.27	73.13	PK	Horizontal
5	5872.962	44.40	34.05	5.95	-29.97	54.43	105.87	51.44	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

N40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

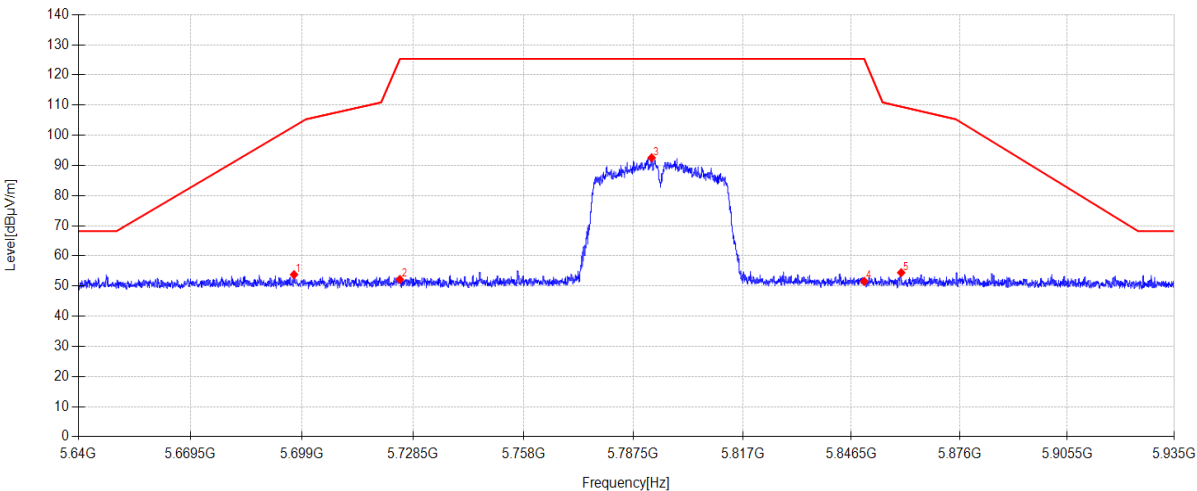
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Memo:

Sample Number: S24081429-002

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	5696.876	44.32	33.59	5.86	-29.99	53.78	102.98	49.20	PK	Vertical
2	5725.000	42.56	33.75	5.87	-29.99	52.19	125.30	73.11	PK	Vertical
3	5792.427	82.44	34.15	5.91	-29.98	92.52	125.30	32.78	PK	Vertical
4	5850.000	41.60	34.00	5.94	-29.97	51.57	125.27	73.70	PK	Vertical
5	5860.070	44.44	34.02	5.94	-29.97	54.43	109.48	55.05	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

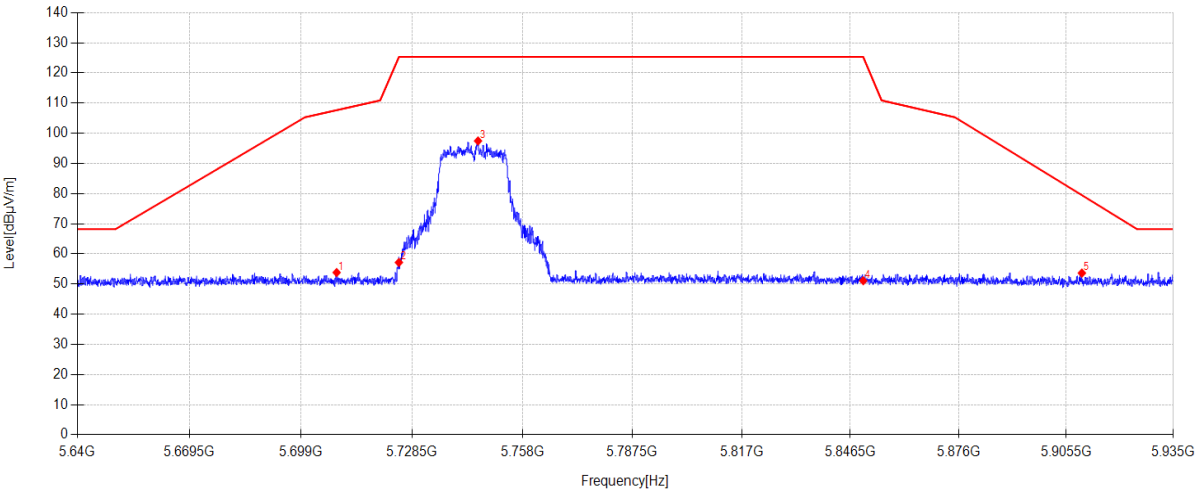
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Memo:

Sample Number: S24081429-002

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	5708.440	44.31	33.65	5.86	-29.99	53.83	107.66	53.83	PK	Horizontal
2	5725.000	47.53	33.75	5.87	-29.99	57.16	125.30	68.14	PK	Horizontal
3	5746.112	87.68	33.88	5.88	-29.98	97.46	125.30	27.84	PK	Horizontal
4	5850.000	41.13	34.00	5.94	-29.97	51.10	125.27	74.17	PK	Horizontal
5	5909.807	43.52	34.12	5.96	-29.96	53.64	79.47	25.83	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

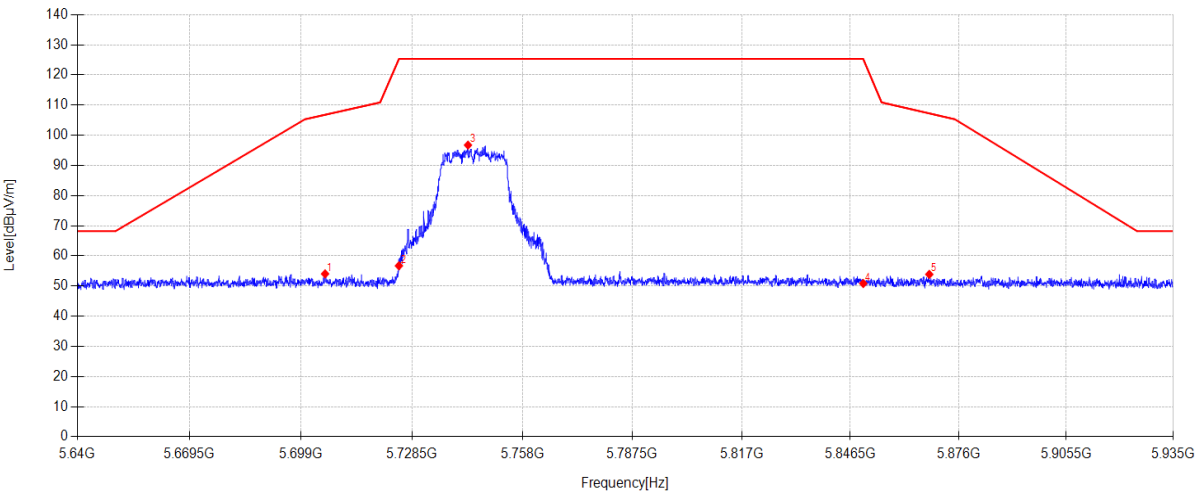
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Memo:

Sample Number: S24081429-002

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	5705.372	44.54	33.63	5.86	-29.99	54.04	106.80	52.76	PK	Vertical
2	5725.000	47.09	33.75	5.87	-29.99	56.72	125.30	68.58	PK	Vertical
3	5743.427	86.98	33.86	5.88	-29.98	96.74	125.30	28.56	PK	Vertical
4	5850.000	40.88	34.00	5.94	-29.97	50.85	125.27	74.42	PK	Vertical
5	5868.006	43.86	34.04	5.94	-29.97	53.87	107.26	53.39	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

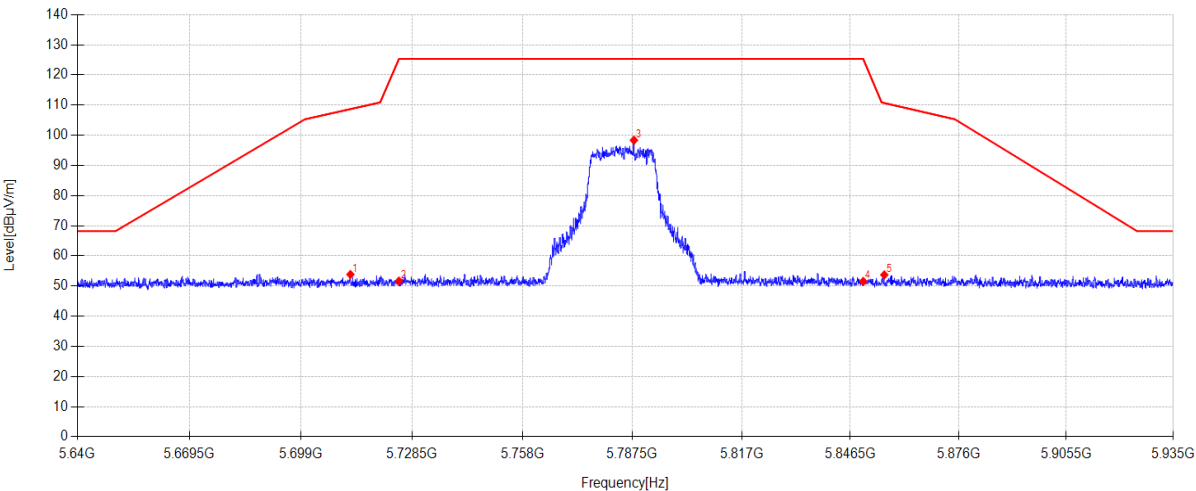
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Memo:

Sample Number: S24081429-002

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	5712.098	44.29	33.67	5.87	-29.99	53.84	108.69	54.85	PK	Horizontal
2	5725.000	42.01	33.75	5.87	-29.99	51.64	125.30	73.66	PK	Horizontal
3	5787.943	88.32	34.13	5.90	-29.98	98.37	125.30	26.93	PK	Horizontal
4	5850.000	41.56	34.00	5.94	-29.97	51.53	125.27	73.74	PK	Horizontal
5	5855.734	43.73	34.01	5.94	-29.97	53.71	110.69	56.98	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

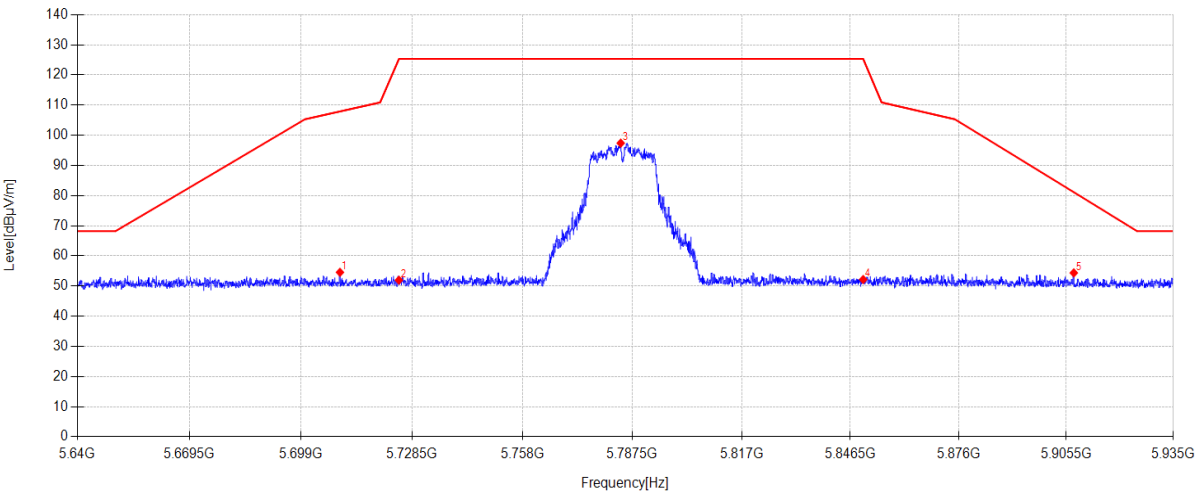
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Memo:

Sample Number: S24081429-002

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	5709.325	45.02	33.66	5.86	-29.99	54.55	107.91	53.36	PK	Vertical
2	5725.000	42.32	33.75	5.87	-29.99	51.95	125.30	73.35	PK	Vertical
3	5784.373	87.36	34.11	5.90	-29.98	97.39	125.30	27.91	PK	Vertical
4	5850.000	42.19	34.00	5.94	-29.97	52.16	125.27	73.11	PK	Vertical
5	5907.595	44.24	34.12	5.96	-29.96	54.36	81.11	26.75	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

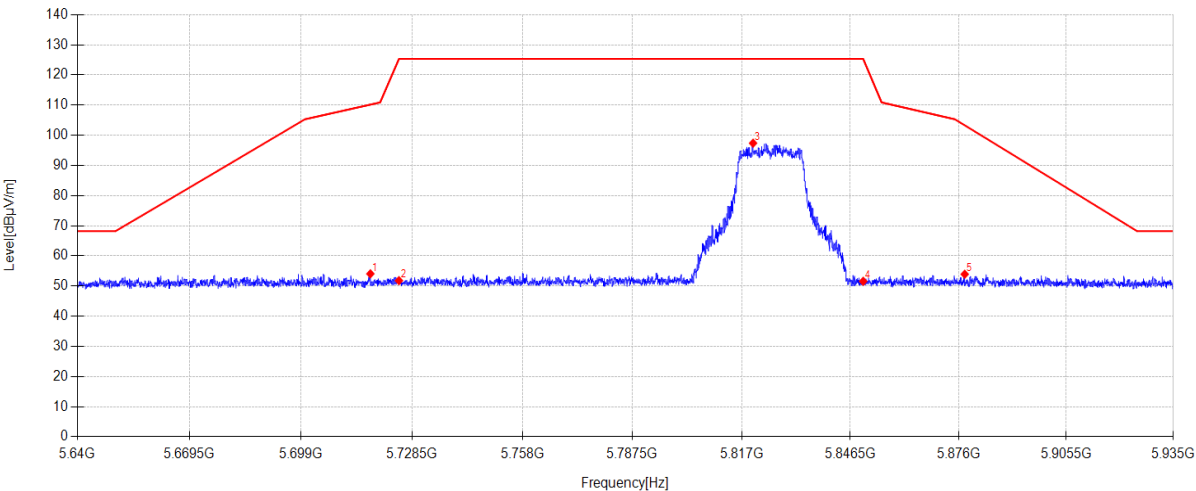
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Memo:

Sample Number: S24081429-002

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	5717.408	44.48	33.70	5.87	-29.99	54.06	110.17	56.11	PK	Horizontal
2	5725.000	42.16	33.75	5.87	-29.99	51.79	125.30	73.51	PK	Horizontal
3	5820.098	87.31	34.12	5.92	-29.97	97.38	125.30	27.92	PK	Horizontal
4	5850.000	41.60	34.00	5.94	-29.97	51.57	125.27	73.70	PK	Horizontal
5	5877.682	43.87	34.06	5.95	-29.97	53.91	103.31	49.40	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

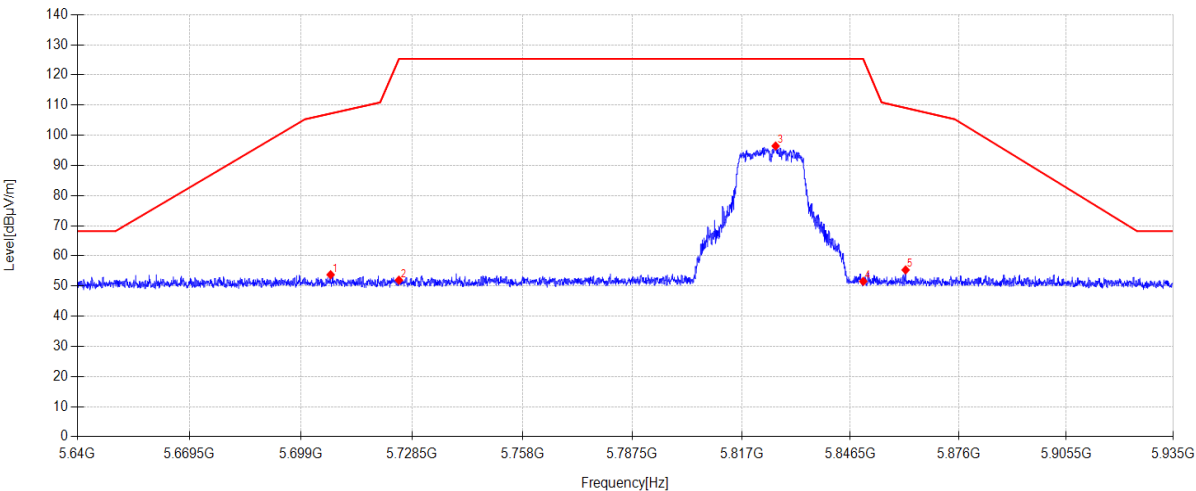
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Memo:

Sample Number: S24081429-002

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	5706.847	44.24	33.64	5.86	-29.99	53.75	107.22	53.47	PK	Vertical
2	5725.000	42.31	33.75	5.87	-29.99	51.94	125.30	73.36	PK	Vertical
3	5826.204	86.40	34.10	5.92	-29.97	96.45	125.30	28.85	PK	Vertical
4	5850.000	41.58	34.00	5.94	-29.97	51.55	125.27	73.72	PK	Vertical
5	5861.545	45.35	34.02	5.94	-29.97	55.34	109.07	53.73	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

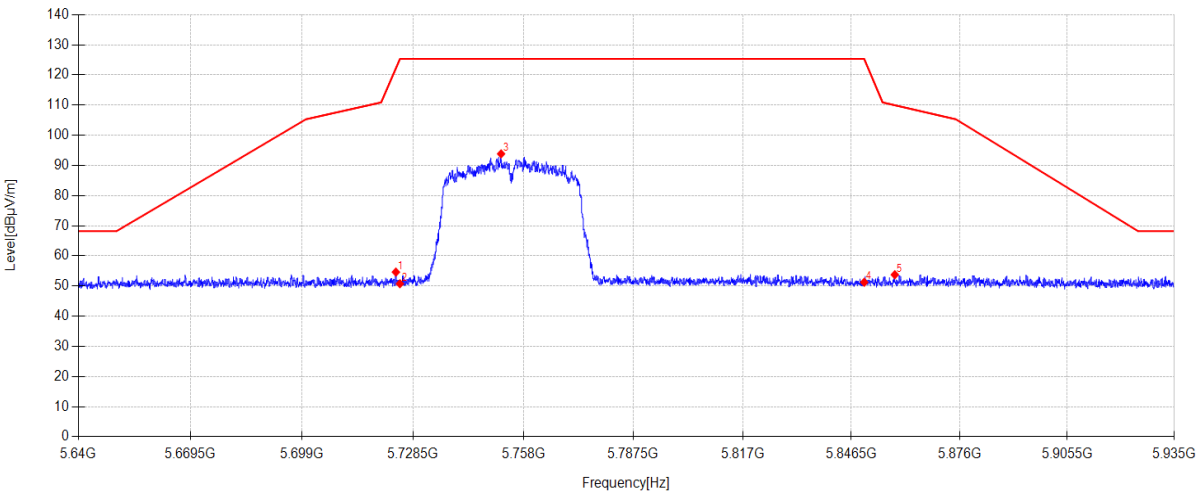
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Memo:

Sample Number: S24081429-002

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	5723.928	45.00	33.74	5.87	-29.99	54.62	122.21	67.59	PK	Horizontal
2	5725.000	41.13	33.75	5.87	-29.99	50.76	125.30	74.54	PK	Horizontal
3	5752.012	84.02	33.91	5.89	-29.98	93.84	125.30	31.46	PK	Horizontal
4	5850.000	41.27	34.00	5.94	-29.97	51.24	125.27	74.03	PK	Horizontal
5	5858.330	43.75	34.02	5.94	-29.97	53.74	109.97	56.23	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

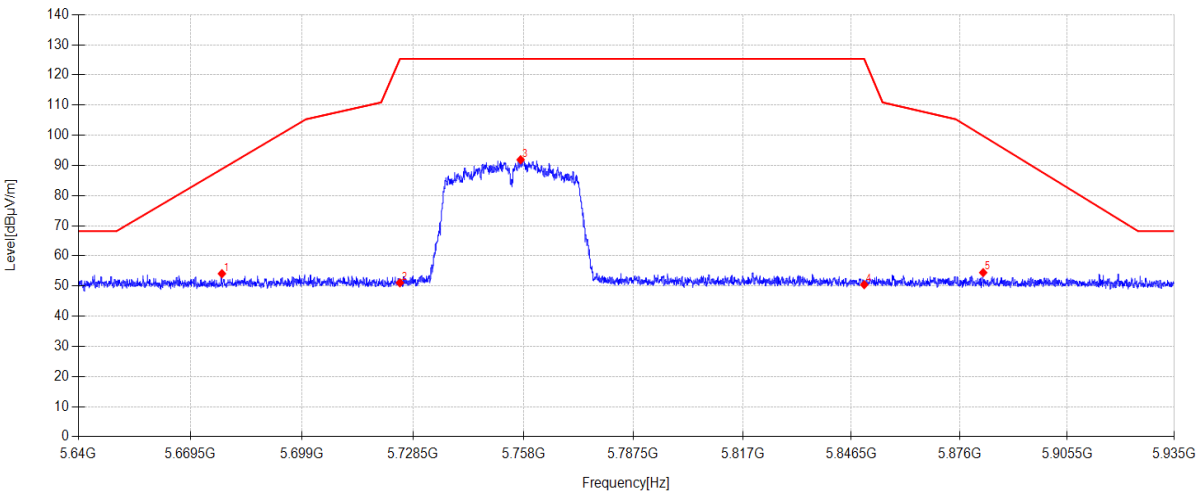
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d:\ts\2024 report data\Q24081429-2E\FCC ABOVE1G 5.8G\48

Memo:

Sample Number: S24081429-002

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	5677.790	44.73	33.51	5.85	-29.99	54.10	88.82	34.72	PK	Vertical
2	5725.000	41.44	33.75	5.87	-29.99	51.07	125.30	74.23	PK	Vertical
3	5757.233	82.03	33.94	5.89	-29.98	91.88	125.30	33.42	PK	Vertical
4	5850.000	40.48	34.00	5.94	-29.97	50.45	125.27	74.82	PK	Vertical
5	5882.461	44.41	34.06	5.95	-29.97	54.45	99.76	45.31	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

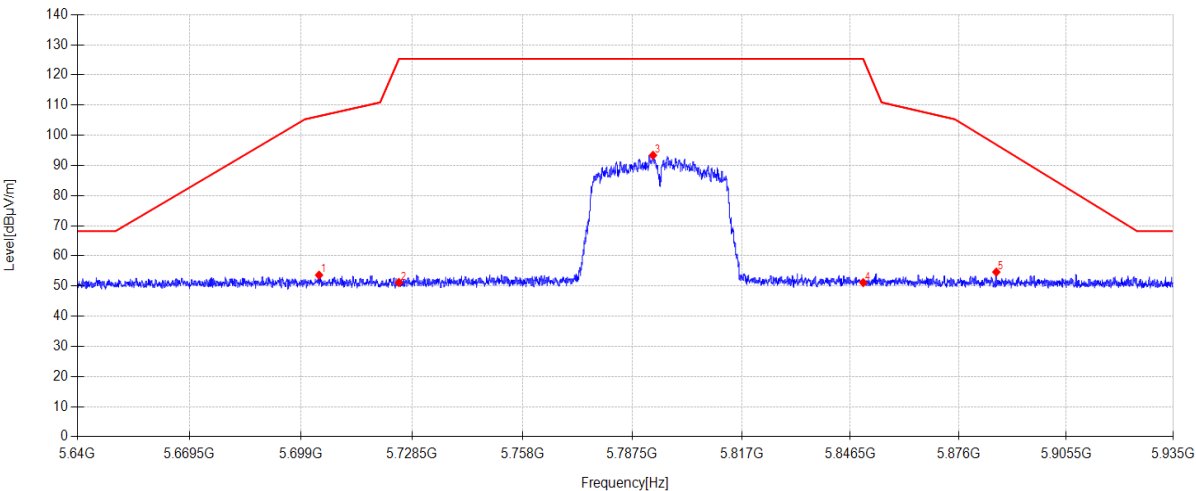
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Memo:

Sample Number: S24081429-002

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	5703.779	44.13	33.62	5.86	-29.99	53.62	106.36	52.74	PK	Horizontal
2	5725.000	41.53	33.75	5.87	-29.99	51.16	125.30	74.14	PK	Horizontal
3	5793.076	83.27	34.16	5.91	-29.98	93.36	125.30	31.94	PK	Horizontal
4	5850.000	41.16	34.00	5.94	-29.97	51.13	125.27	74.14	PK	Horizontal
5	5886.325	44.57	34.07	5.95	-29.96	54.63	96.90	42.27	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

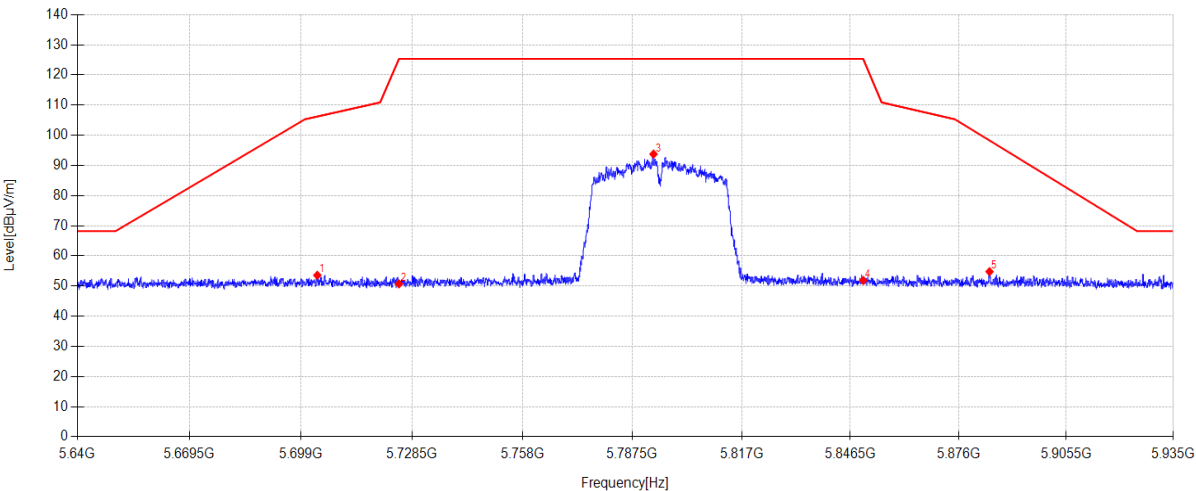
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Memo:

Sample Number: S24081429-002

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	5703.307	44.08	33.62	5.86	-29.99	53.57	106.23	52.66	PK	Vertical
2	5725.000	41.09	33.75	5.87	-29.99	50.72	125.30	74.58	PK	Vertical
3	5793.223	83.66	34.16	5.91	-29.98	93.75	125.30	31.55	PK	Vertical
4	5850.000	41.89	34.00	5.94	-29.97	51.86	125.27	73.41	PK	Vertical
5	5884.467	44.73	34.07	5.95	-29.97	54.78	98.28	43.50	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC80 TX 5775 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

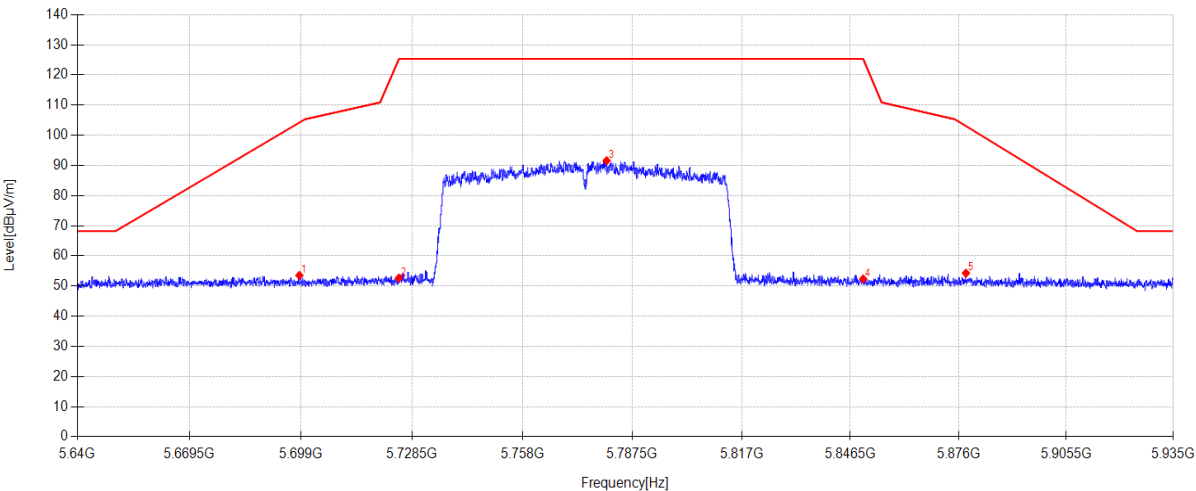
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Memo:

Sample Number: S24081429-002

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	5698.558	44.07	33.59	5.86	-29.99	53.53	104.23	50.70	PK	Horizontal
2	5725.000	43.02	33.75	5.87	-29.99	52.65	125.30	72.65	PK	Horizontal
3	5780.597	81.57	34.08	5.90	-29.98	91.57	125.30	33.73	PK	Horizontal
4	5850.000	42.38	34.00	5.94	-29.97	52.35	125.27	72.92	PK	Horizontal
5	5878.006	44.24	34.06	5.95	-29.97	54.28	103.07	48.79	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AC80 TX 5775 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

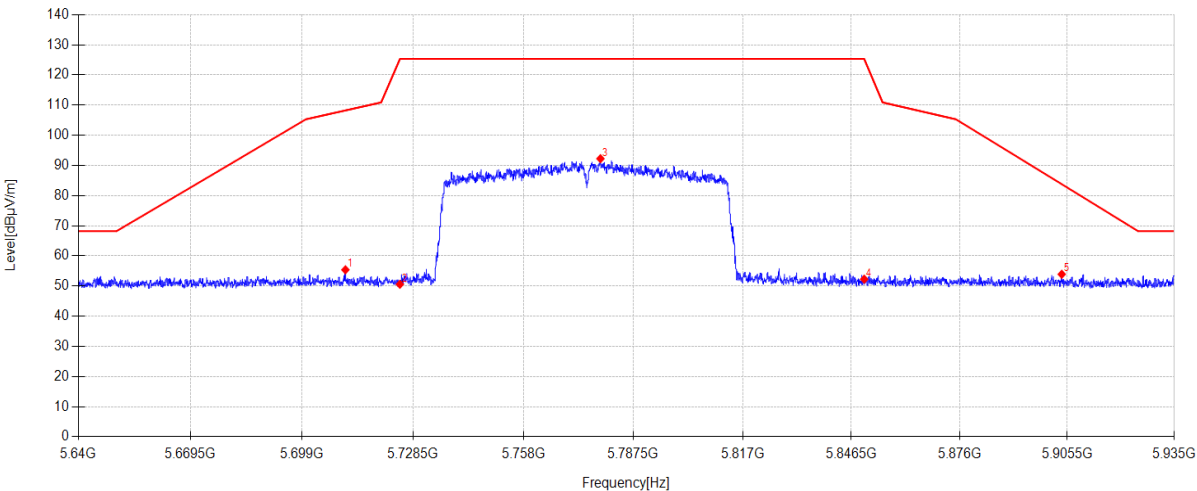
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Memo:

Sample Number: S24081429-002

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	5710.505	45.85	33.66	5.87	-29.99	55.39	108.24	52.85	PK	Vertical
2	5725.000	40.95	33.75	5.87	-29.99	50.58	125.30	74.72	PK	Vertical
3	5778.650	82.24	34.07	5.90	-29.98	92.23	125.30	33.07	PK	Vertical
4	5850.000	42.30	34.00	5.94	-29.97	52.27	125.27	73.00	PK	Vertical
5	5903.996	43.80	34.11	5.96	-29.96	53.91	83.79	29.88	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

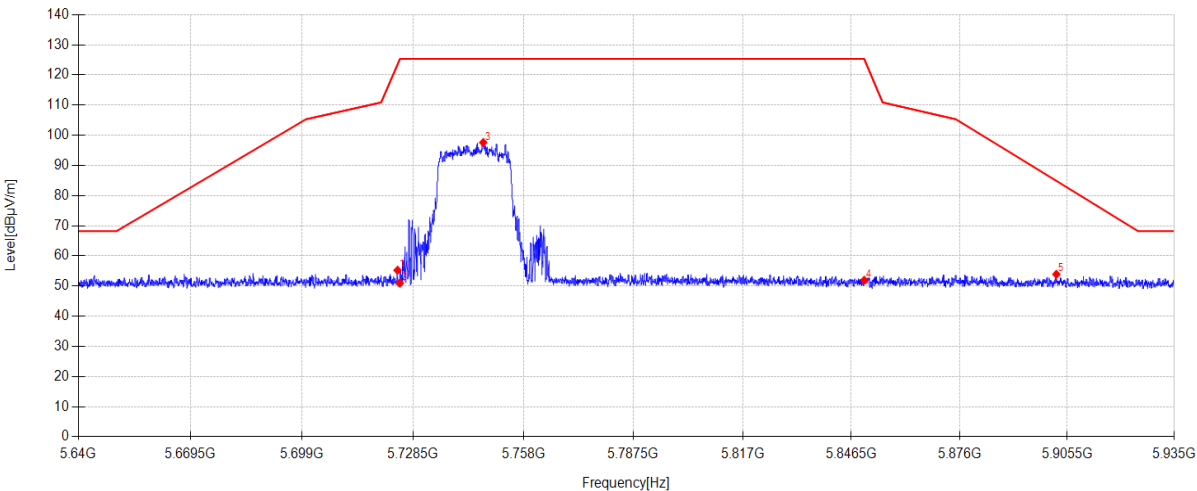
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Memo:

Sample Number: S24081429-002

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	5724.370	45.61	33.75	5.87	-29.99	55.24	123.49	68.25	PK	Horizontal
2	5725.000	41.33	33.75	5.87	-29.99	50.96	125.30	74.34	PK	Horizontal
3	5747.233	87.82	33.88	5.88	-29.98	97.60	125.30	27.70	PK	Horizontal
4	5850.000	41.94	34.00	5.94	-29.97	51.91	125.27	73.36	PK	Horizontal
5	5902.521	43.78	34.11	5.96	-29.96	53.89	84.88	30.99	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

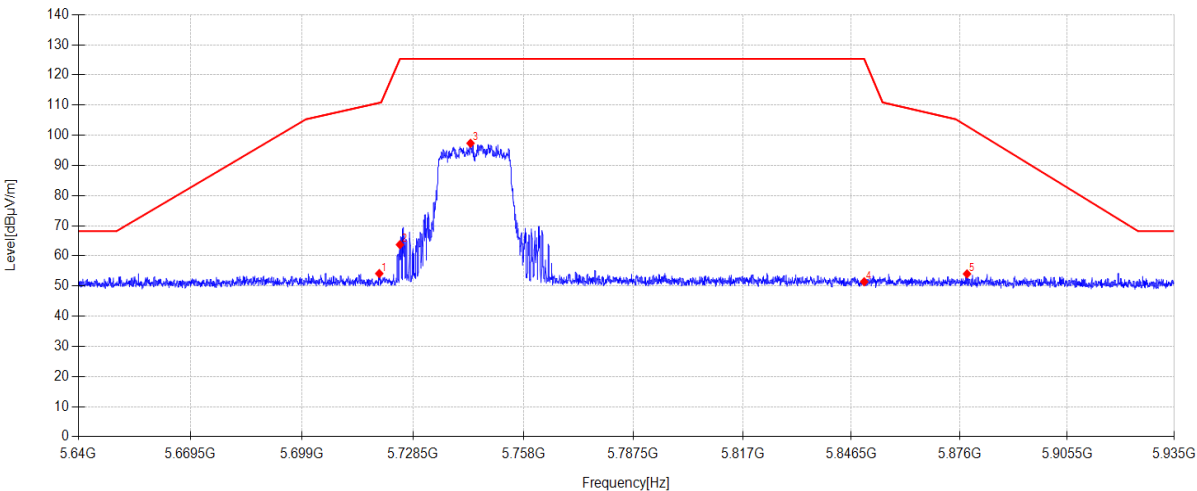
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Memo:

Sample Number: S24081429-002

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	5719.503	44.54	33.72	5.87	-29.99	54.14	110.76	56.62	PK	Vertical
2	5725.000	54.09	33.75	5.87	-29.99	63.72	125.30	61.58	PK	Vertical
3	5743.840	87.60	33.86	5.88	-29.98	97.36	125.30	27.94	PK	Vertical
4	5850.000	41.45	34.00	5.94	-29.97	51.42	125.27	73.85	PK	Vertical
5	5878.036	43.99	34.06	5.95	-29.97	54.03	103.05	49.02	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

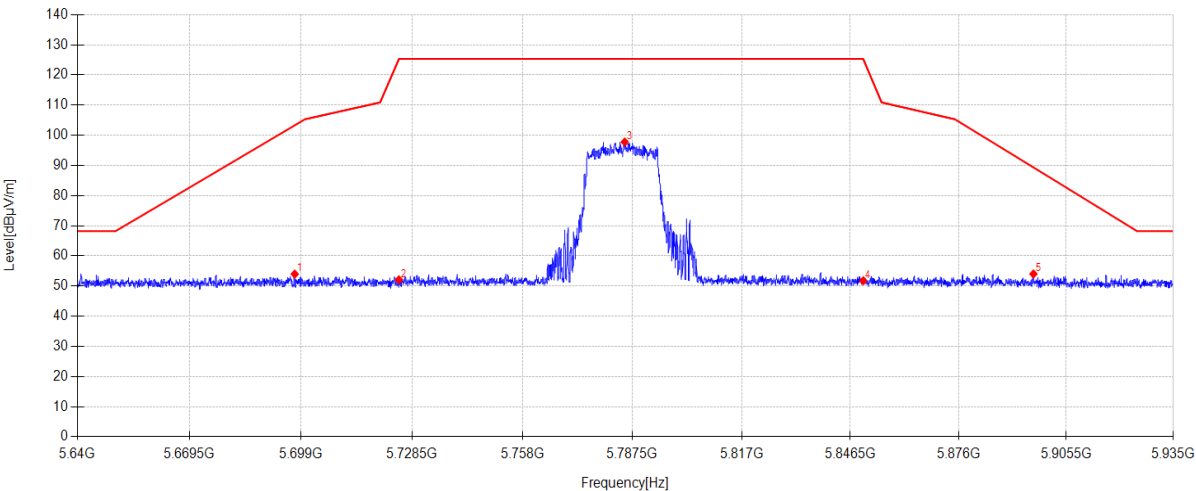
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Memo:

Sample Number: S24081429-002

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	5697.319	44.50	33.59	5.86	-29.99	53.96	103.31	49.35	PK	Horizontal
2	5725.000	42.45	33.75	5.87	-29.99	52.08	125.30	73.22	PK	Horizontal
3	5785.465	87.73	34.11	5.90	-29.98	97.76	125.30	27.54	PK	Horizontal
4	5850.000	41.78	34.00	5.94	-29.97	51.75	125.27	73.52	PK	Horizontal
5	5896.503	43.92	34.09	5.96	-29.96	54.01	89.35	35.34	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 TX 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

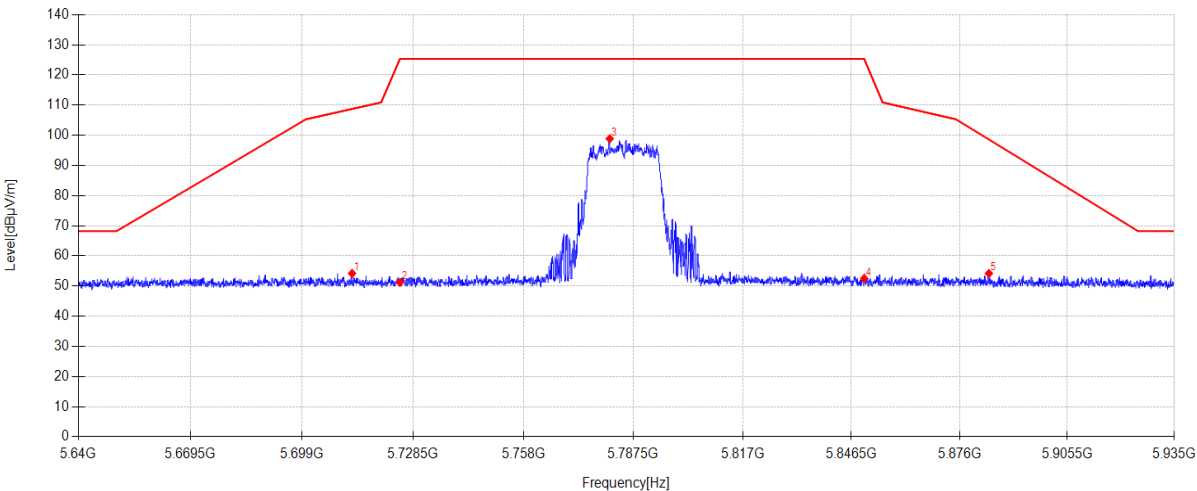
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Memo:

Sample Number: S24081429-002

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	5712.275	44.63	33.67	5.87	-29.99	54.18	108.74	54.56	PK	Vertical
2	5725.000	41.57	33.75	5.87	-29.99	51.20	125.30	74.10	PK	Vertical
3	5781.158	88.87	34.09	5.90	-29.98	98.88	125.30	26.42	PK	Vertical
4	5850.000	42.52	34.00	5.94	-29.97	52.49	125.27	72.78	PK	Vertical
5	5884.024	44.12	34.07	5.95	-29.97	54.17	98.60	44.43	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

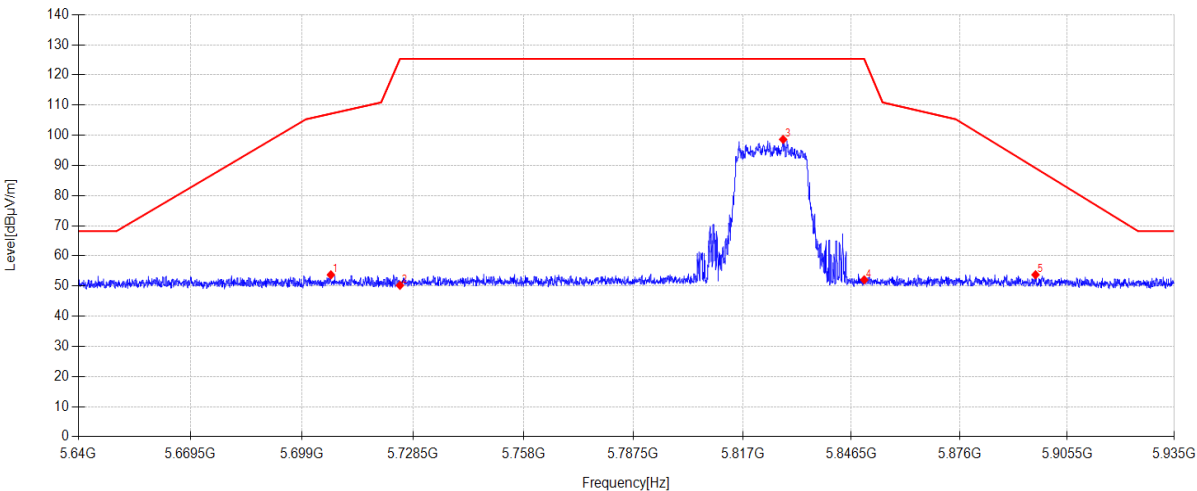
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Memo:

Sample Number: S24081429-002

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	5706.641	44.20	33.64	5.86	-29.99	53.71	107.16	53.45	PK	Horizontal
2	5725.000	40.61	33.75	5.87	-29.99	50.24	125.30	75.06	PK	Horizontal
3	5827.974	88.57	34.09	5.92	-29.97	98.61	125.30	26.69	PK	Horizontal
4	5850.000	42.09	34.00	5.94	-29.97	52.06	125.27	73.21	PK	Horizontal
5	5896.798	43.65	34.09	5.96	-29.96	53.74	89.13	35.39	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

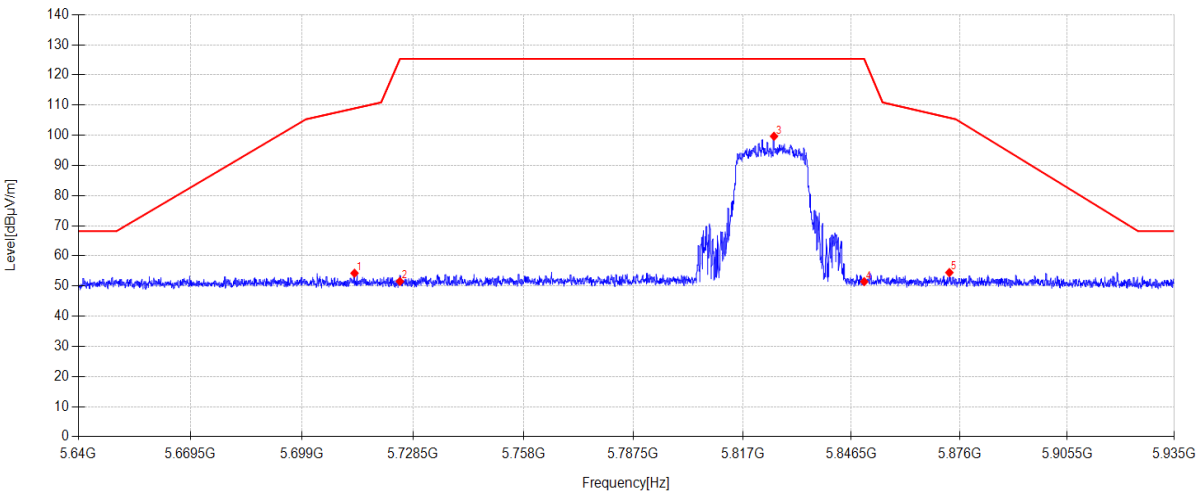
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Memo:

Sample Number: S24081429-002

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	5712.924	44.69	33.68	5.87	-29.99	54.25	108.92	54.67	PK	Vertical
2	5725.000	41.89	33.75	5.87	-29.99	51.52	125.30	73.78	PK	Vertical
3	5825.496	89.62	34.10	5.92	-29.97	99.67	125.30	25.63	PK	Vertical
4	5850.000	41.49	34.00	5.94	-29.97	51.46	125.27	73.81	PK	Vertical
5	5873.227	44.44	34.05	5.95	-29.97	54.47	105.80	51.33	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

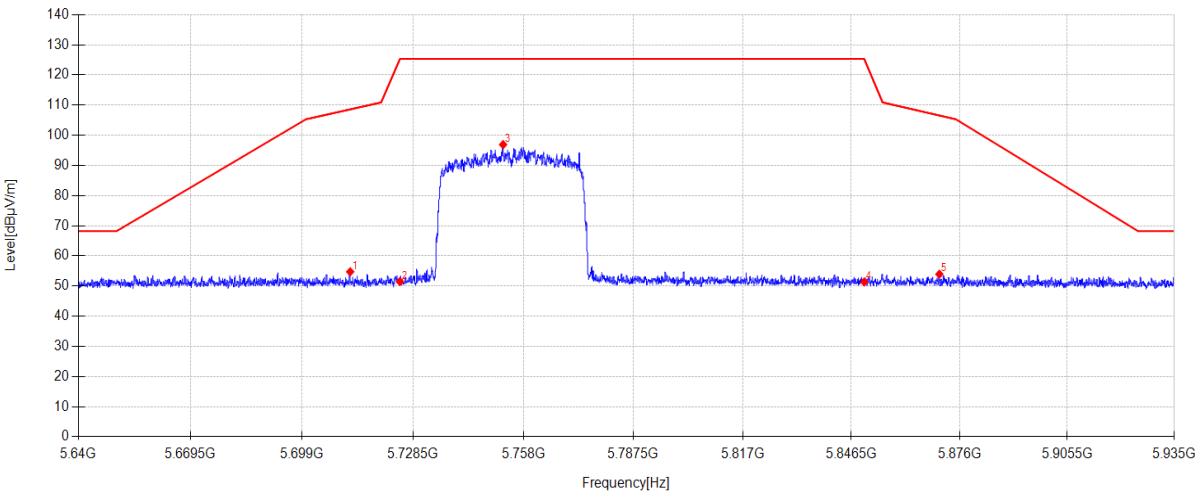
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Memo:

Sample Number: S24081429-002

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	5711.774	45.19	33.67	5.87	-29.99	54.74	108.60	53.86	PK	Horizontal
2	5725.000	41.83	33.75	5.87	-29.99	51.46	125.30	73.84	PK	Horizontal
3	5752.543	87.08	33.92	5.89	-29.98	96.91	125.30	28.39	PK	Horizontal
4	5850.000	41.37	34.00	5.94	-29.97	51.34	125.27	73.93	PK	Horizontal
5	5870.484	43.91	34.04	5.95	-29.97	53.93	106.56	52.63	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX40 TX 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

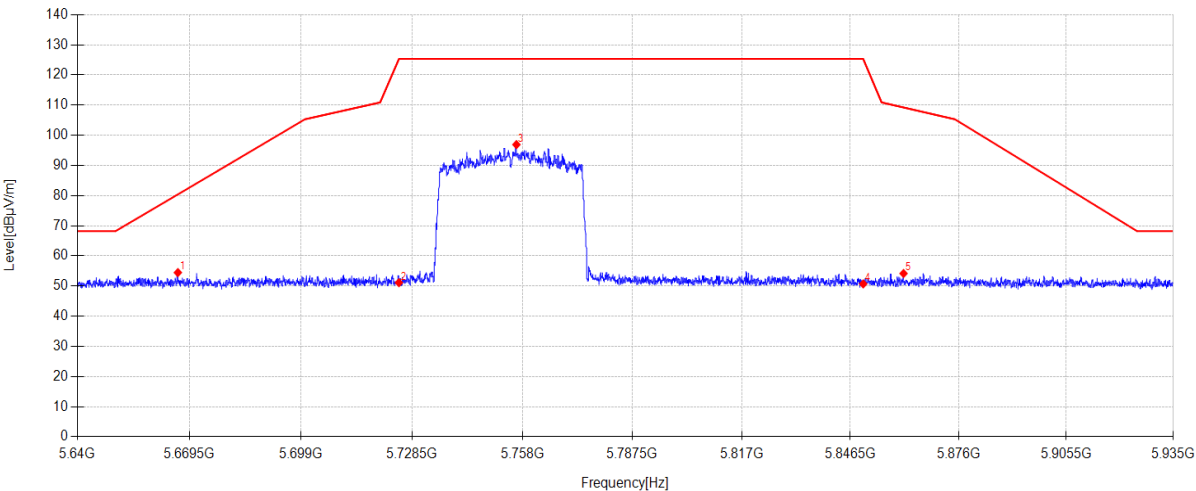
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Memo:

Sample Number: S24081429-002

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	5666.432	45.14	33.47	5.84	-29.99	54.46	80.39	25.93	PK	Vertical
2	5725.000	41.48	33.75	5.87	-29.99	51.11	125.30	74.19	PK	Vertical
3	5756.378	87.05	33.94	5.89	-29.98	96.90	125.30	28.40	PK	Vertical
4	5850.000	40.74	34.00	5.94	-29.97	50.71	125.27	74.56	PK	Vertical
5	5860.985	44.17	34.02	5.94	-29.97	54.16	109.22	55.06	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX40 TX 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

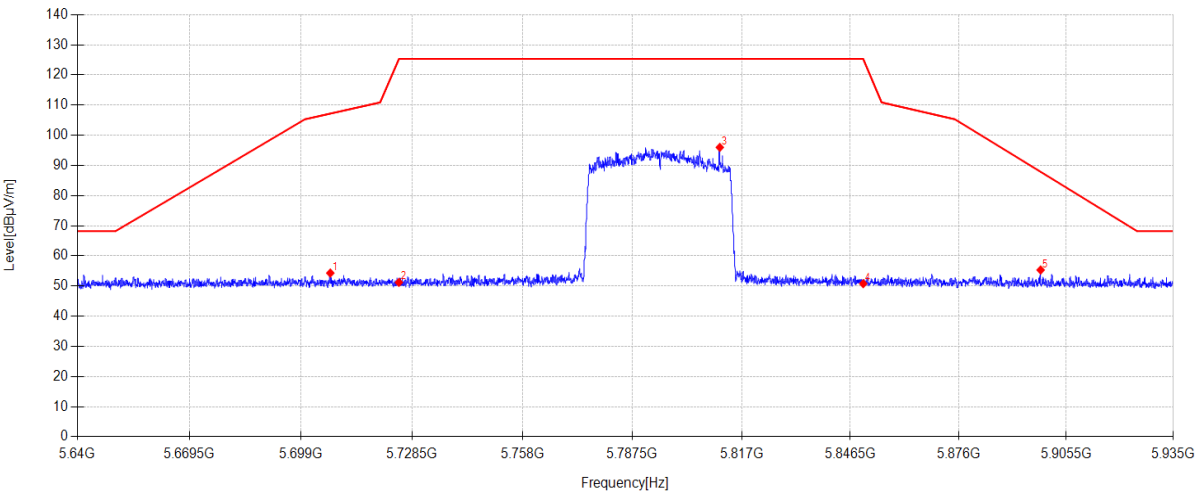
File Path:

d:\ts\2024 report data\Q24081429-2E\FCC ABOVE1G 5.8G\61

Memo:

Sample Number: S24081429-002

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	5706.759	44.79	33.64	5.86	-29.99	54.30	107.19	52.89	PK	Horizontal
2	5725.000	41.58	33.75	5.87	-29.99	51.21	125.30	74.09	PK	Horizontal
3	5811.100	85.87	34.16	5.92	-29.97	95.98	125.30	29.32	PK	Horizontal
4	5850.000	40.81	34.00	5.94	-29.97	50.78	125.27	74.49	PK	Horizontal
5	5898.479	45.22	34.10	5.96	-29.96	55.32	87.88	32.56	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-09-07

Tested By:Zhong Nan

EUT:Wireless Subwoofer

Model Number:ENCHANT SUB

Test Mode:AX40 TX 5795 MHz Mode

Power Supply:AC 120V/60Hz

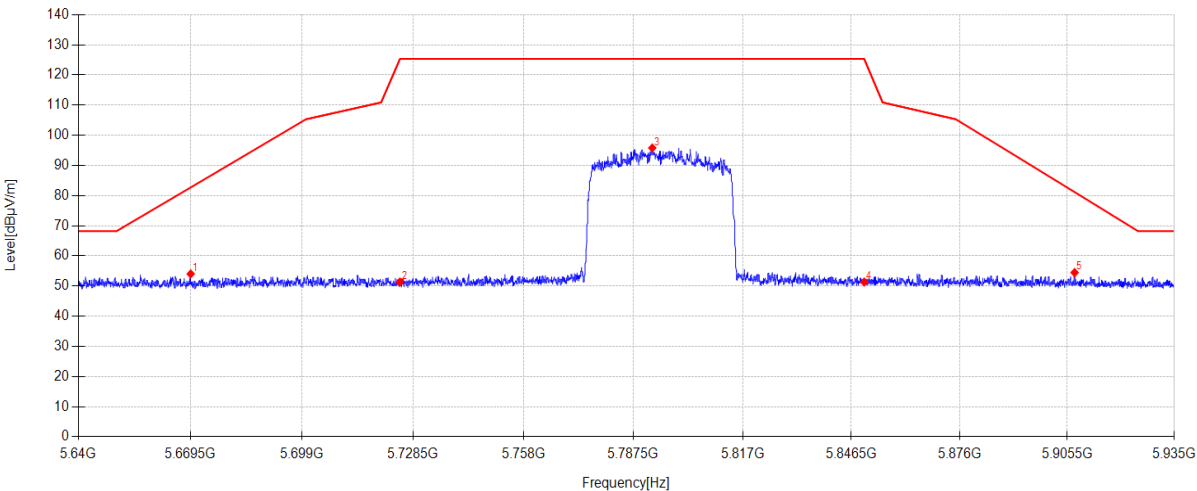
Condition:Temp:24.5°C;Humi:47.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24081429-2E\FCC ABOVE1G 5.8G\62

Memo:Sample Number: S24081429-002

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	5669.559	44.69	33.48	5.84	-29.99	54.02	82.71	28.69	PK	Vertical
2	5725.000	41.70	33.75	5.87	-29.99	51.33	125.30	73.97	PK	Vertical
3	5792.604	85.71	34.16	5.91	-29.98	95.80	125.30	29.50	PK	Vertical
4	5850.000	41.37	34.00	5.94	-29.97	51.34	125.27	73.93	PK	Vertical
5	5907.536	44.35	34.12	5.96	-29.96	54.47	81.16	26.69	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX80 TX 5775 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

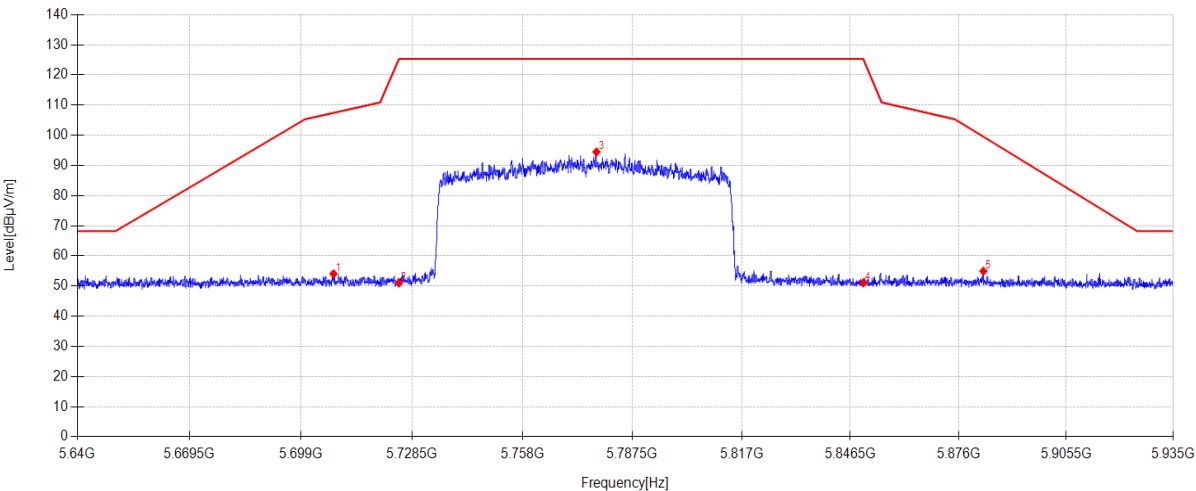
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Memo:

Sample Number: S24081429-002

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	5707.614	44.53	33.65	5.86	-29.99	54.05	107.43	53.38	PK	Horizontal
2	5725.000	41.35	33.75	5.87	-29.99	50.98	125.30	74.32	PK	Horizontal
3	5777.854	84.49	34.07	5.90	-29.98	94.48	125.30	30.82	PK	Horizontal
4	5850.000	41.05	34.00	5.94	-29.97	51.02	125.27	74.25	PK	Horizontal
5	5882.785	44.87	34.07	5.95	-29.97	54.92	99.52	44.60	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX80 TX 5775 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

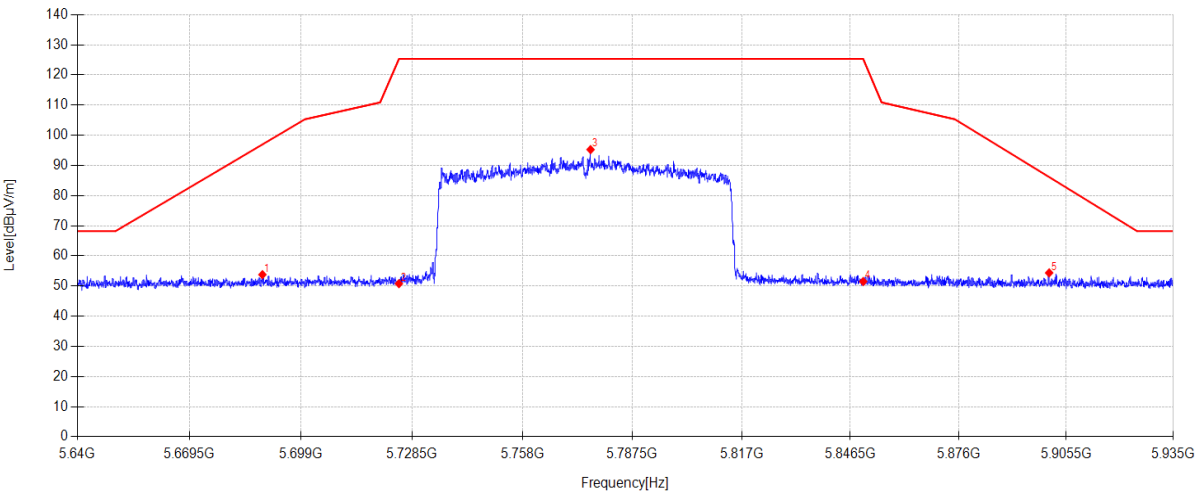
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Memo:

Sample Number: S24081429-002

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	5688.764	44.35	33.56	5.85	-29.99	53.77	96.96	43.19	PK	Vertical
2	5725.000	41.15	33.75	5.87	-29.99	50.78	125.30	74.52	PK	Vertical
3	5776.261	85.28	34.06	5.90	-29.98	95.26	125.30	30.04	PK	Vertical
4	5850.000	41.54	34.00	5.94	-29.97	51.51	125.27	73.76	PK	Vertical
5	5900.810	44.27	34.10	5.96	-29.96	54.37	86.15	31.78	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 RU0 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

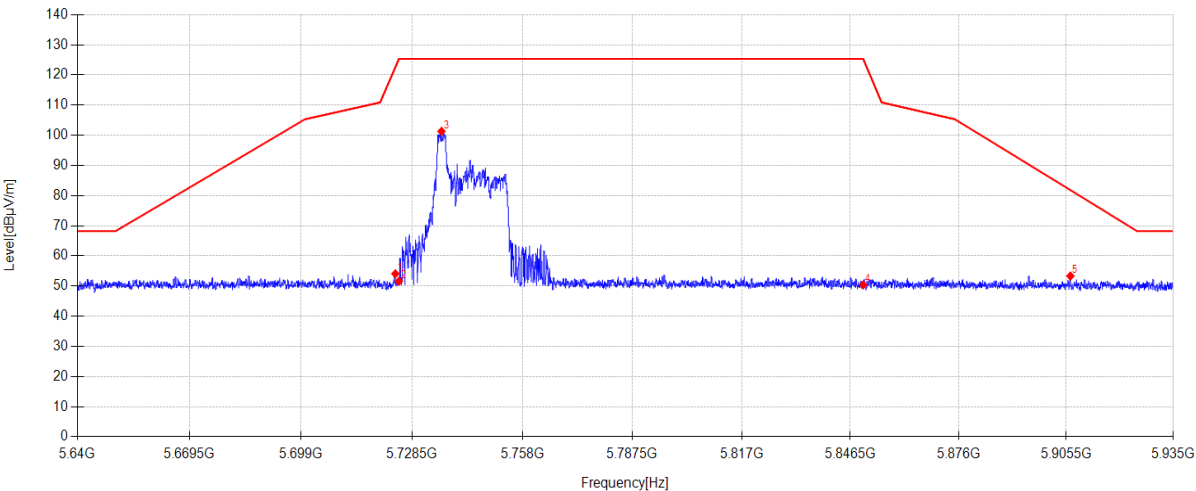
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Memo:

Sample Number: S24081429-002

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	5724.046	44.44	33.74	5.87	-29.99	54.06	122.55	68.49	PK	Horizontal
2	5725.000	41.97	33.75	5.87	-29.99	51.60	125.30	73.70	PK	Horizontal
3	5736.347	91.60	33.82	5.88	-29.98	101.32	125.30	23.98	PK	Horizontal
4	5850.000	40.39	34.00	5.94	-29.97	50.36	125.27	74.91	PK	Horizontal
5	5906.651	43.22	34.11	5.96	-29.96	53.33	81.82	28.49	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 RU0 TX 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

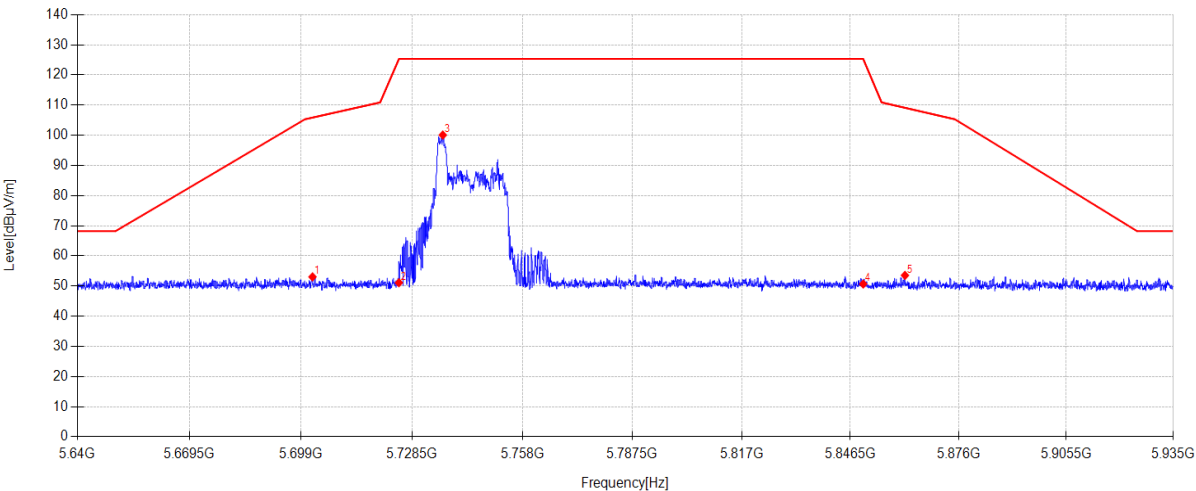
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Memo:

Sample Number: S24081429-002

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	5702.039	43.56	33.61	5.86	-29.99	53.04	105.87	52.83	PK	Vertical
2	5725.000	41.47	33.75	5.87	-29.99	51.10	125.30	74.20	PK	Vertical
3	5736.701	90.36	33.82	5.88	-29.98	100.08	125.30	25.22	PK	Vertical
4	5850.000	40.70	34.00	5.94	-29.97	50.67	125.27	74.60	PK	Vertical
5	5861.368	43.54	34.02	5.94	-29.97	53.53	109.12	55.59	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 RU8 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

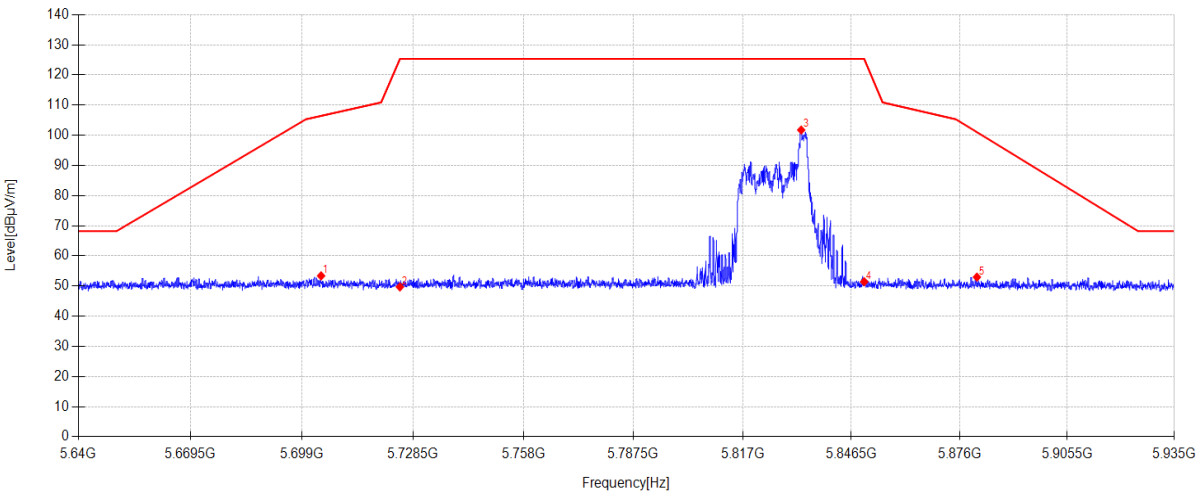
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Memo:

Sample Number: S24081429-002

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	5704.045	43.89	33.62	5.86	-29.99	53.38	106.43	53.05	PK	Horizontal
2	5725.000	40.07	33.75	5.87	-29.99	49.70	125.30	75.60	PK	Horizontal
3	5832.871	91.72	34.07	5.93	-29.97	101.75	125.30	23.55	PK	Horizontal
4	5850.000	41.45	34.00	5.94	-29.97	51.42	125.27	73.85	PK	Horizontal
5	5880.750	42.92	34.06	5.95	-29.97	52.96	101.03	48.07	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:

2024-09-07

Tested By:

Zhong Nan

EUT:

Wireless Subwoofer

Model Number:

ENCHANT SUB

Test Mode:

AX20 RU8 TX 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

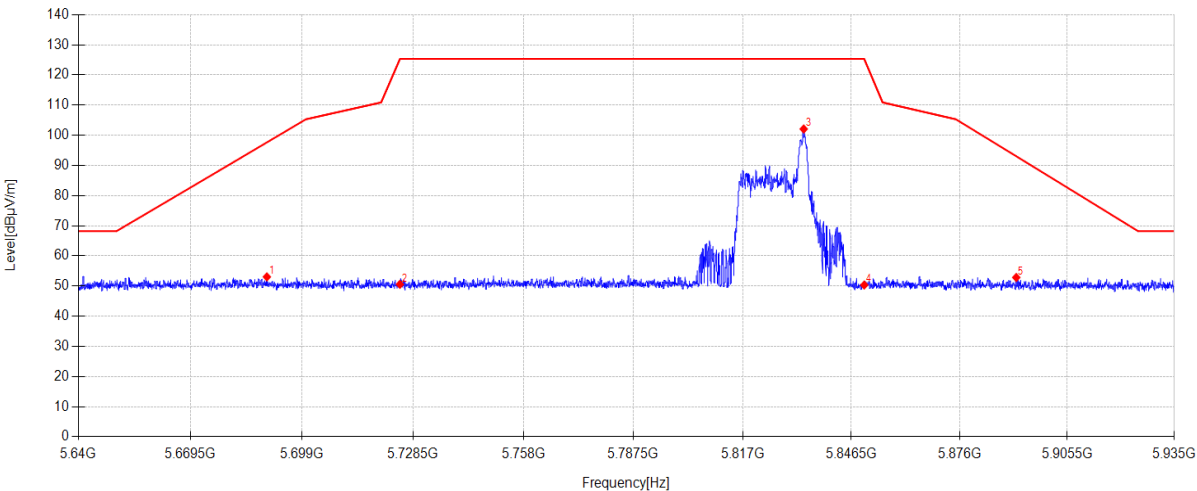
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Memo:

Sample Number: S24081429-002

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	5689.678	43.62	33.56	5.85	-29.99	53.04	97.64	44.60	PK	Vertical
2	5725.000	40.93	33.75	5.87	-29.99	50.56	125.30	74.74	PK	Vertical
3	5833.550	92.06	34.07	5.93	-29.97	102.09	125.30	23.21	PK	Vertical
4	5850.000	40.37	34.00	5.94	-29.97	50.34	125.27	74.93	PK	Vertical
5	5891.517	42.76	34.08	5.96	-29.96	52.84	93.04	40.20	PK	Vertical

Note:

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

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

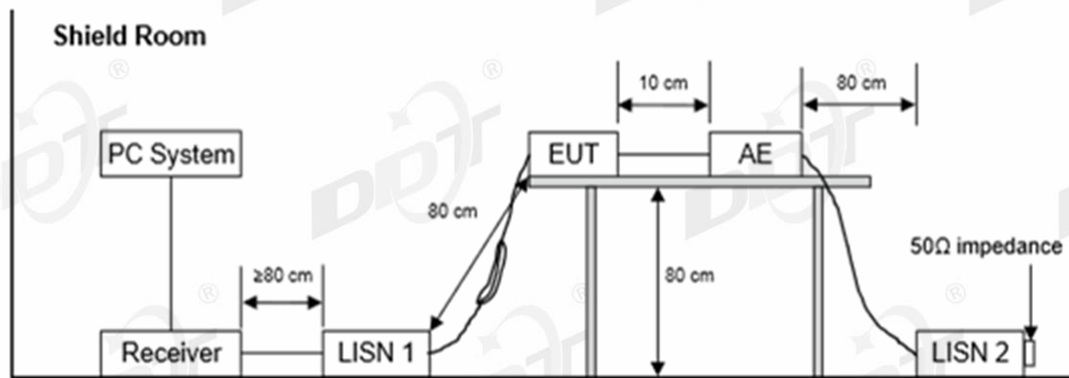
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Power Line Conducted Emissions

15.1. Test equipment

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

: 2024-09-10

EUT

: Wireless Subwoofer

Power Supply

: AC 120V/60Hz

Condition

: TEMP:21.5°C, RH:53.6%

Memo

: Sample Number:S24081429-002

D:\2024 CE report data\Q24081429-2E\CE-FCC.EM6

Tested By

: Gen Liu

Model Number

: ENCHANT SUB

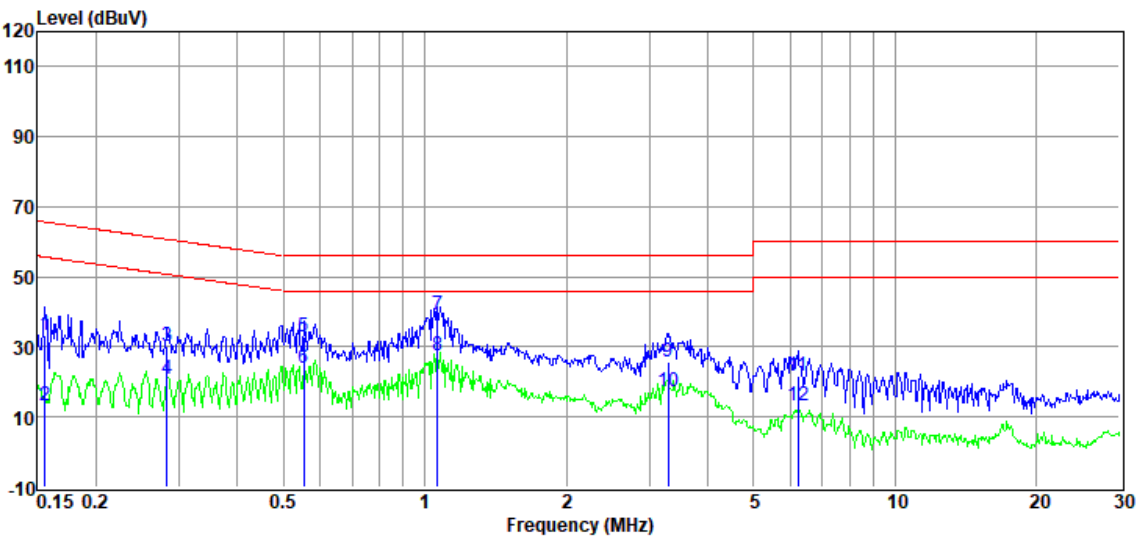
Test Mode

: Tx mode

LISN

: 2023 1# ENV216/NEUTRAL

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	0.16	12.96	9.85	0.92	9.68	33.41	65.69	-32.28	QP	NEUTRAL
2	0.16	-7.03	9.85	0.92	9.68	13.42	55.69	-42.27	Average	NEUTRAL
3	0.28	9.77	9.72	0.88	9.70	30.07	60.72	-30.65	QP	NEUTRAL
4	0.28	0.39	9.72	0.88	9.70	20.69	50.72	-30.03	Average	NEUTRAL
5	0.55	12.45	9.81	0.84	9.71	32.81	56.00	-23.19	QP	NEUTRAL
6	0.55	3.47	9.81	0.84	9.71	23.83	46.00	-22.17	Average	NEUTRAL
7	1.07	18.98	9.74	0.67	9.73	39.12	56.00	-16.88	QP	NEUTRAL
8	1.07	7.26	9.74	0.67	9.73	27.40	46.00	-18.60	Average	NEUTRAL
9	3.29	5.78	9.72	0.58	9.78	25.86	56.00	-30.14	QP	NEUTRAL
10	3.29	-2.83	9.72	0.58	9.78	17.25	46.00	-28.75	Average	NEUTRAL
11	6.22	1.72	9.79	0.47	9.80	21.78	60.00	-38.22	QP	NEUTRAL
12	6.22	-7.05	9.79	0.47	9.80	13.01	50.00	-36.99	Average	NEUTRAL

Note:

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

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

D:\2024 CE report data\Q24081429-2E\CE-FCC.EM6

Test Date

: 2024-09-10

Tested By

: Gen Liu

EUT

: Wireless Subwoofer

Model Number

: ENCHANT SUB

Power Supply

: AC 120V/60Hz

Test Mode

: Tx mode

Condition

: TEMP:21.5°C, RH:53.6%

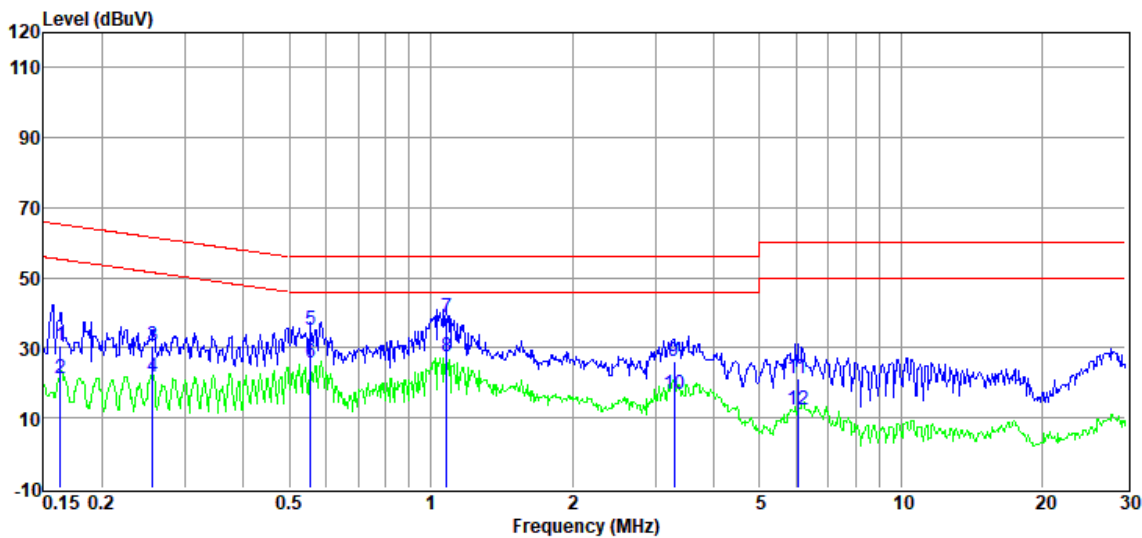
LISN

: 2023 1# ENV216/LINE

Memo

: Sample Number:S24081429-002

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	0.16	10.37	9.78	0.92	9.68	30.75	65.30	-34.55	QP	LINE
2	0.16	1.04	9.78	0.92	9.68	21.42	55.30	-33.88	Average	LINE
3	0.26	10.45	9.82	0.89	9.69	30.85	61.56	-30.71	QP	LINE
4	0.26	1.48	9.82	0.89	9.69	21.88	51.56	-29.68	Average	LINE
5	0.56	14.97	9.80	0.84	9.71	35.32	56.00	-20.68	QP	LINE
6	0.56	5.47	9.80	0.84	9.71	25.82	46.00	-20.18	Average	LINE
7	1.08	18.57	9.66	0.67	9.73	38.63	56.00	-17.37	QP	LINE
8	1.08	7.54	9.66	0.67	9.73	27.60	46.00	-18.40	Average	LINE
9	3.29	6.08	9.64	0.58	9.78	26.08	56.00	-29.92	QP	LINE
10	3.29	-3.25	9.64	0.58	9.78	16.75	46.00	-29.25	Average	LINE
11	6.02	1.09	9.70	0.48	9.80	21.07	60.00	-38.93	QP	LINE
12	6.02	-7.68	9.70	0.48	9.80	12.30	50.00	-37.70	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.

17. Photos of the EUT

Please refer to DDT-Q24081429-1E appendix I

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