

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5290 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

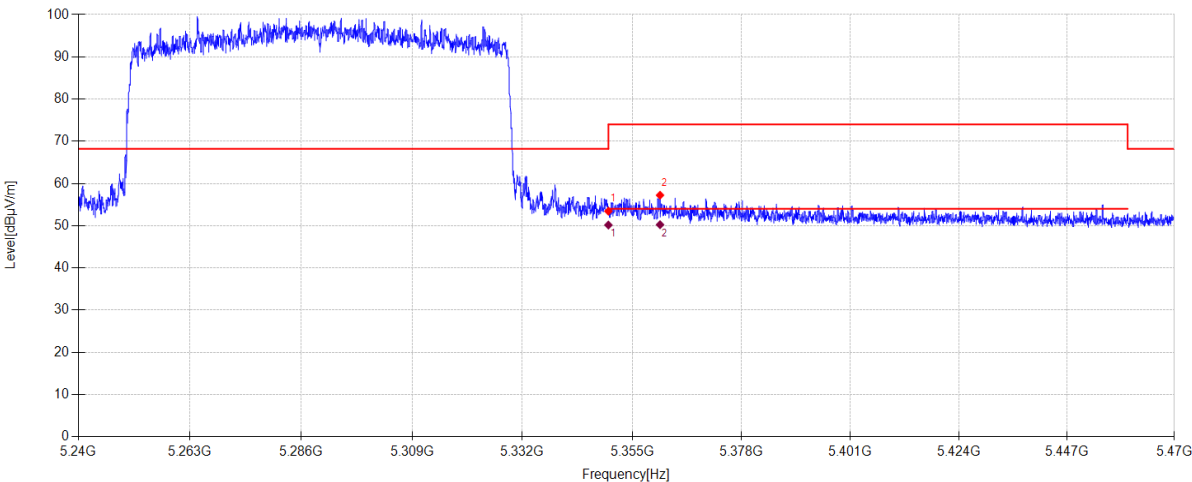
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d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\77

Memo:

Sample Number: S24111520-010

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	44.54	33.10	5.41	-29.60	53.45	68.20	14.75	PK	Horizontal
2	5360.842	48.31	33.10	5.42	-29.60	57.23	74.00	16.77	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	41.25	33.10	5.41	50.16	54	3.84	AV	Horizontal	
2	5360.842	41.32	33.10	5.42	50.24	54	3.76	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5290 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

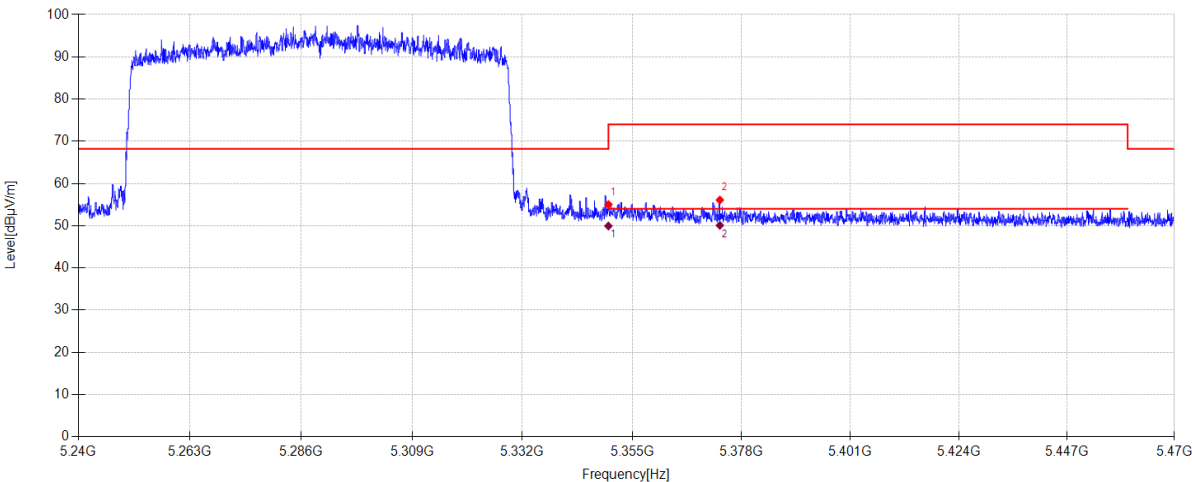
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Memo:

Sample Number: S24111520-010

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	46.11	33.10	5.41	-29.60	55.02	68.20	13.18	PK	Vertical
2	5373.423	47.16	33.10	5.43	-29.60	56.09	74.00	17.91	PK	Vertical

Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	41.02	33.10	5.41	49.93	54	4.07	AV	Vertical
2	5373.423	41.16	33.10	5.43	50.09	54	3.91	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5530 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

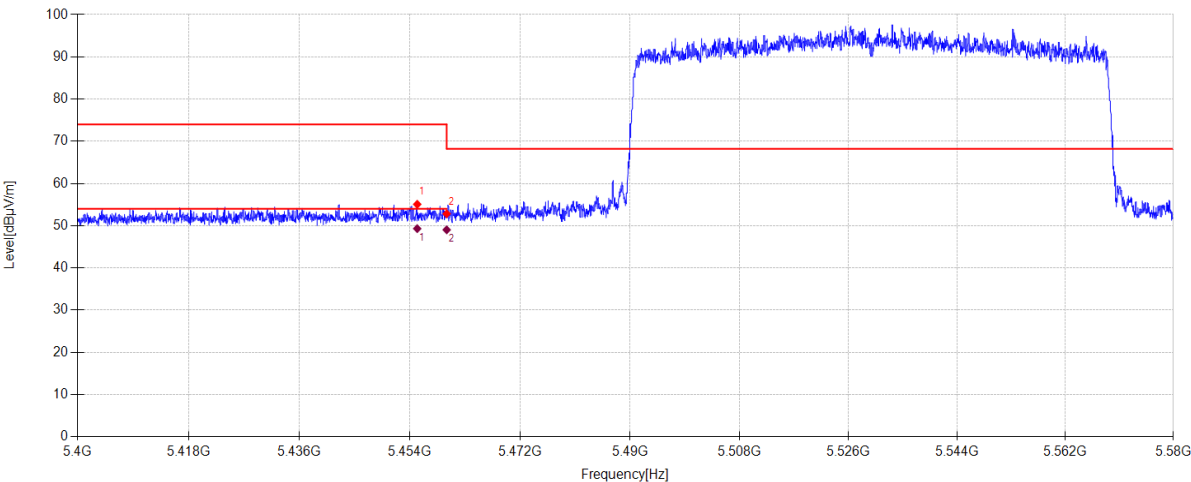
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Memo:

Sample Number: S24111520-010

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	5455.188	46.20	33.00	5.48	-29.60	55.08	74.00	18.92	PK	Horizontal
2	5460.000	43.95	33.00	5.48	-29.60	52.83	68.20	15.37	PK	Horizontal

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.188	40.43	33.00	5.48	49.31	54	4.69	AV	Horizontal
2	5460.000	40.15	33.00	5.48	49.03	54	4.97	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5530 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

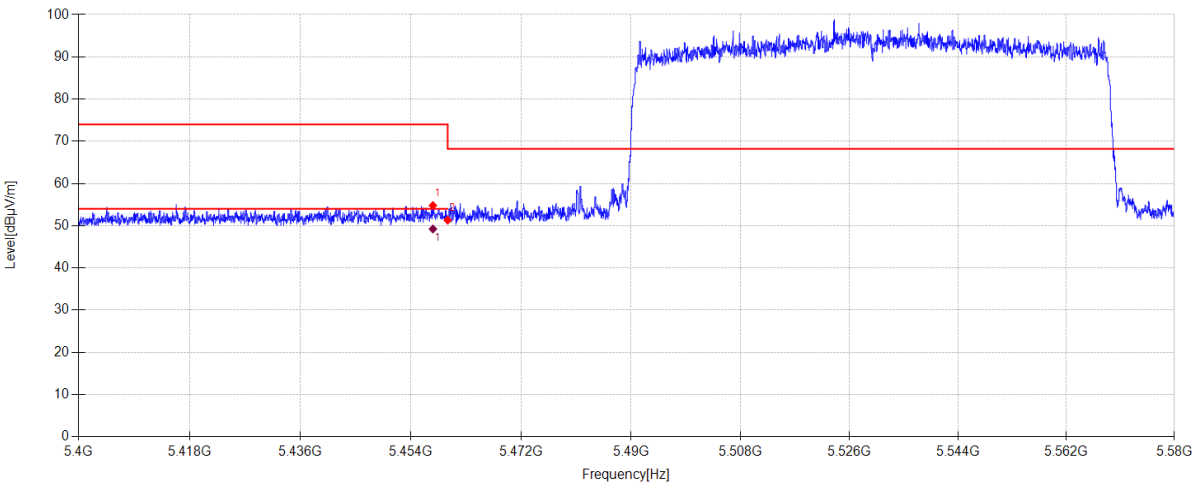
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Memo:

Sample Number: S24111520-010

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	5457.582	45.91	33.00	5.48	-29.60	54.79	74.00	19.21	PK	Vertical
2	5460.000	42.44	33.00	5.48	-29.60	51.32	68.20	16.88	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5457.582	40.35	33.00	5.48	49.23	54	4.77	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

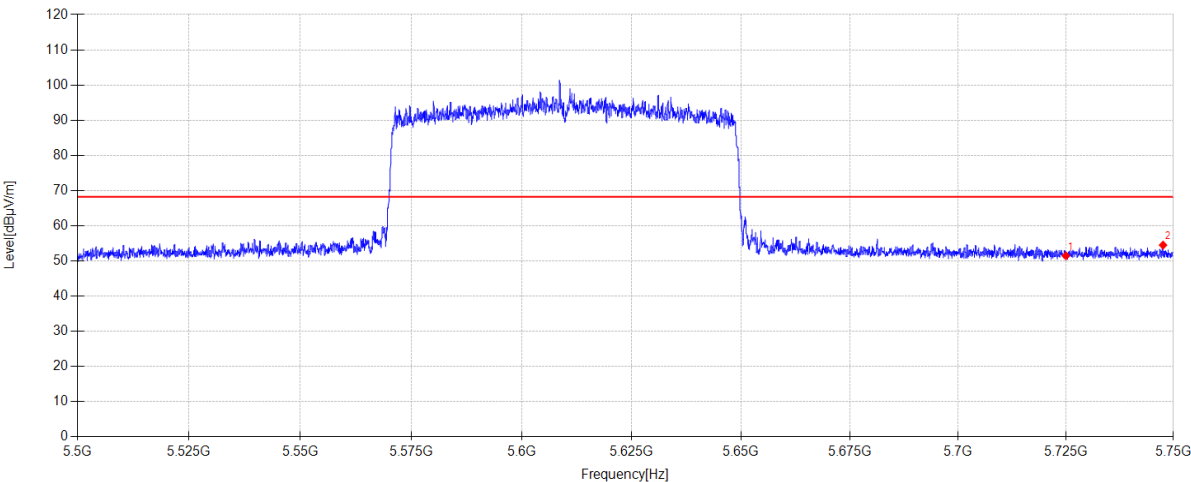
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Memo:

Sample Number: S24111520-010

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	41.66	33.75	5.66	-29.60	51.47	68.20	16.73	PK	Horizontal
2	5747.600	44.54	33.89	5.67	-29.60	54.50	68.20	13.70	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:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

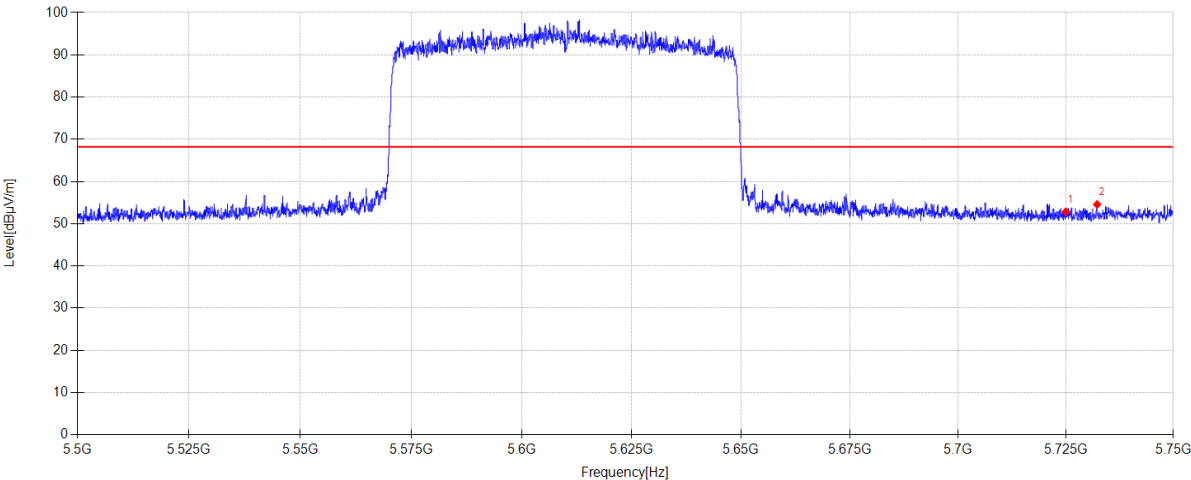
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Memo:

Sample Number: S24111520-010

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	43.01	33.75	5.66	-29.60	52.82	68.20	15.38	PK	Vertical
2	5732.250	44.71	33.79	5.66	-29.60	54.56	68.20	13.64	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5690 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

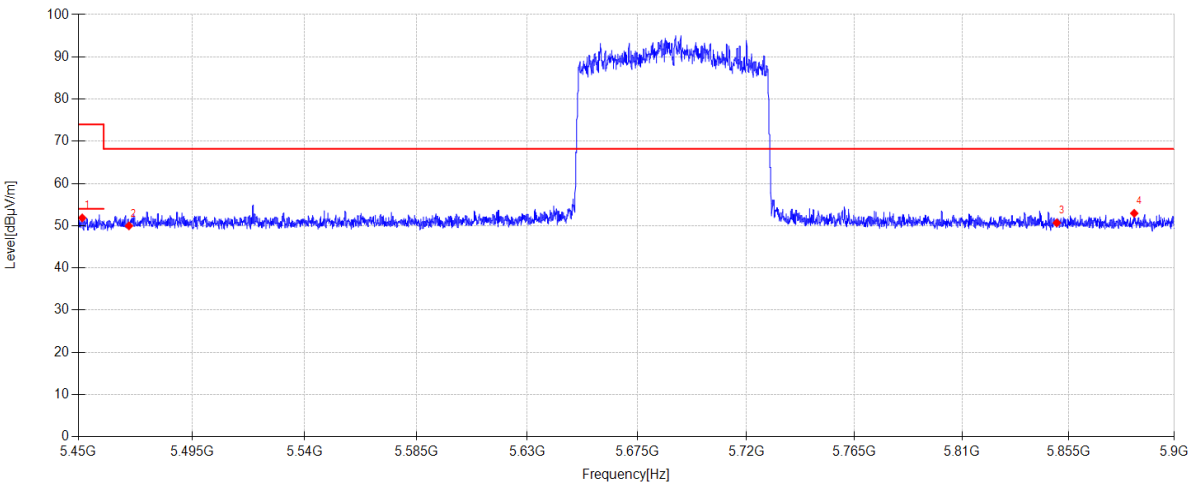
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Memo:

Sample Number: S24111520-010

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	5451.530	42.98	33.00	5.48	-29.60	51.86	74.00	22.14	PK	Horizontal
2	5470.000	41.07	33.00	5.49	-29.60	49.96	68.20	18.24	PK	Horizontal
3	5850.000	40.53	34.00	5.74	-29.60	50.67	68.20	17.53	PK	Horizontal
4	5882.900	42.71	34.07	5.76	-29.60	52.94	68.20	15.26	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5690 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

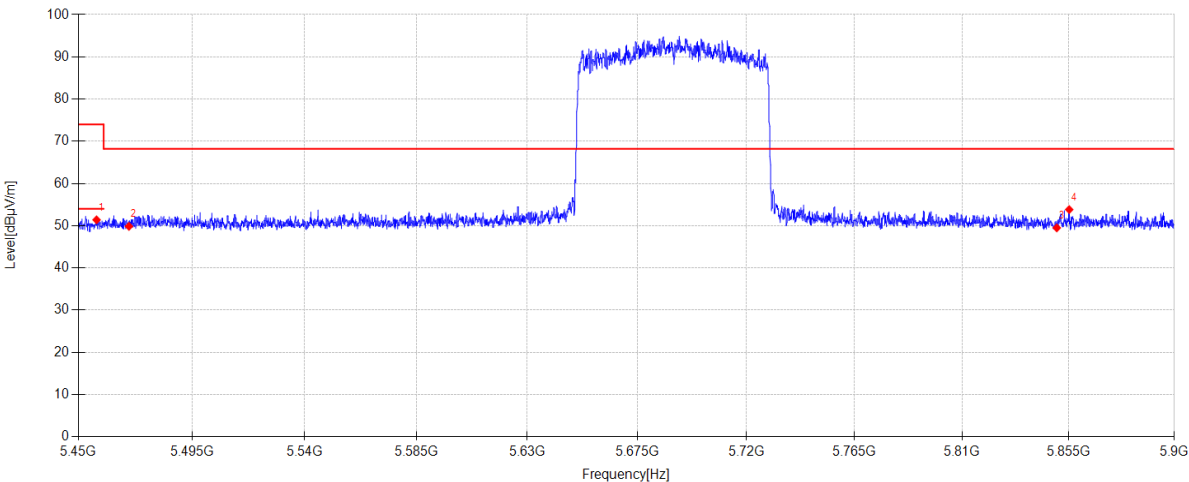
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d:\ts\2024 report data\BAR 1300\kuayue\20

Memo:

Sample Number: S24111520-010

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	5457.200	42.51	33.00	5.48	-29.60	51.39	74.00	22.61	PK	Vertical
2	5470.000	40.96	33.00	5.49	-29.60	49.85	68.20	18.35	PK	Vertical
3	5850.000	39.35	34.00	5.74	-29.60	49.49	68.20	18.71	PK	Vertical
4	5855.270	43.68	34.01	5.74	-29.60	53.83	68.20	14.37	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 RU0 MIMO 5180 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

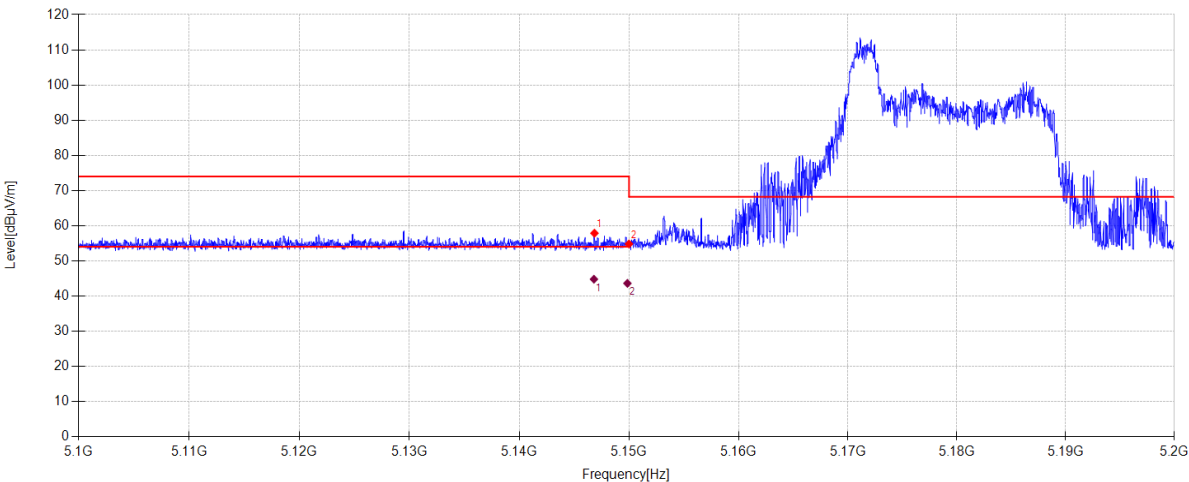
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Memo:

Sample Number: S24111520-010

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	5146.850	48.80	33.40	5.28	-29.60	57.88	74.00	16.12	PK	Horizontal
2	5150.000	45.75	33.40	5.28	-29.60	54.83	68.20	13.37	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5146.803	35.72	33.40	5.28	44.80	54	9.20	AV	Horizontal	
2	5149.855	34.54	33.40	5.28	43.62	54	10.38	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 RU0 MIMO 5180 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

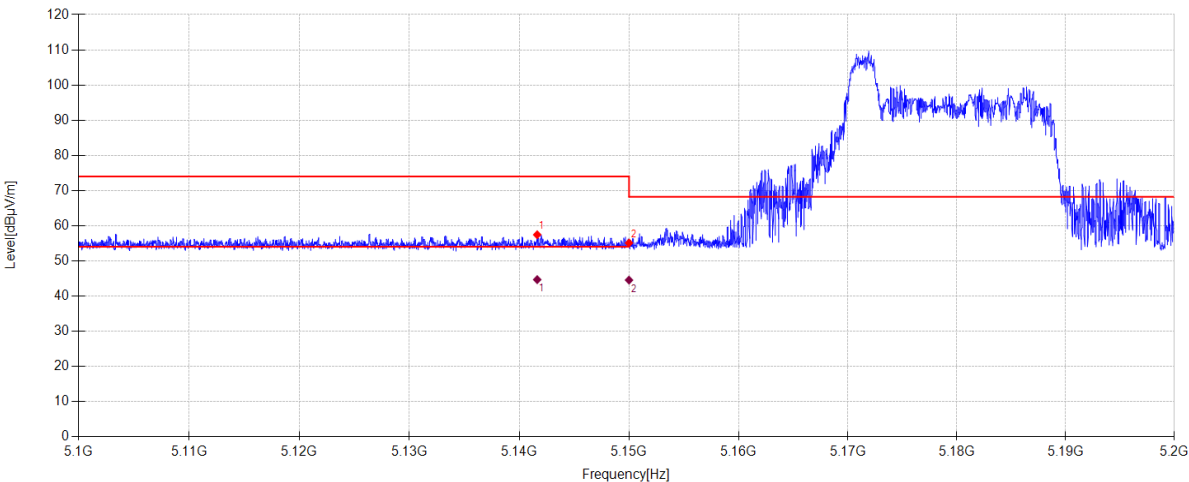
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Memo:

Sample Number: S24111520-010

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	5141.630	48.37	33.40	5.27	-29.60	57.44	74.00	16.56	PK	Vertical
2	5150.000	46.01	33.40	5.28	-29.60	55.09	68.20	13.11	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5141.630	35.61	33.40	5.27	44.68	54	9.32	AV	Vertical	
2	5150.000	35.47	33.40	5.28	44.55	54	9.45	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 RU8 MIMO 5320 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

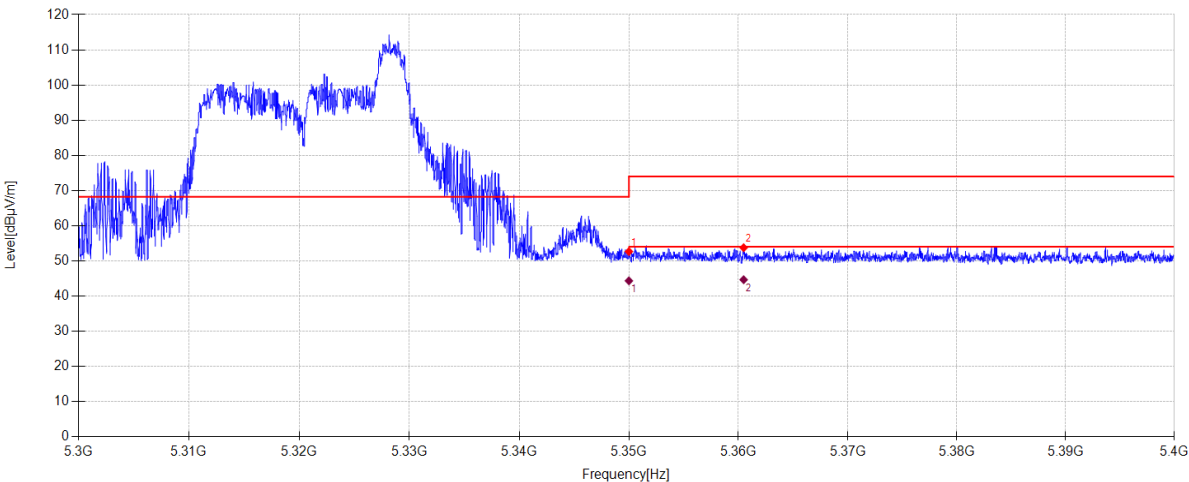
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Memo:

Sample Number: S24111520-010

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	43.75	33.10	5.41	-29.60	52.66	68.20	15.54	PK	Horizontal
2	5360.480	44.84	33.10	5.42	-29.60	53.76	74.00	20.24	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	35.42	33.10	5.41	44.33	54	9.67	AV	Horizontal	
2	5360.480	35.73	33.10	5.42	44.65	54	9.35	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 RU8 MIMO 5320 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

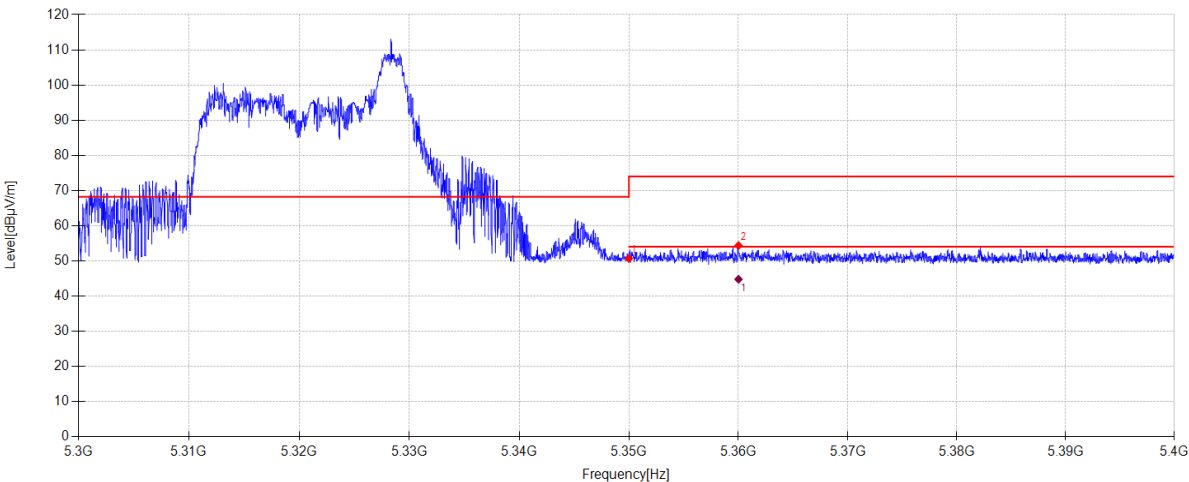
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d:\ts\2024 report data\BAR 1300\5.8G RU\4

Memo:

Sample Number: S24111520-010

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	41.77	33.10	5.41	-29.60	50.68	68.20	17.52	PK	Vertical
2	5360.010	45.44	33.10	5.42	-29.60	54.36	74.00	19.64	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5360.010	35.86	33.10	5.42	44.78	54	9.22	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 RU0 MIMO 5500 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

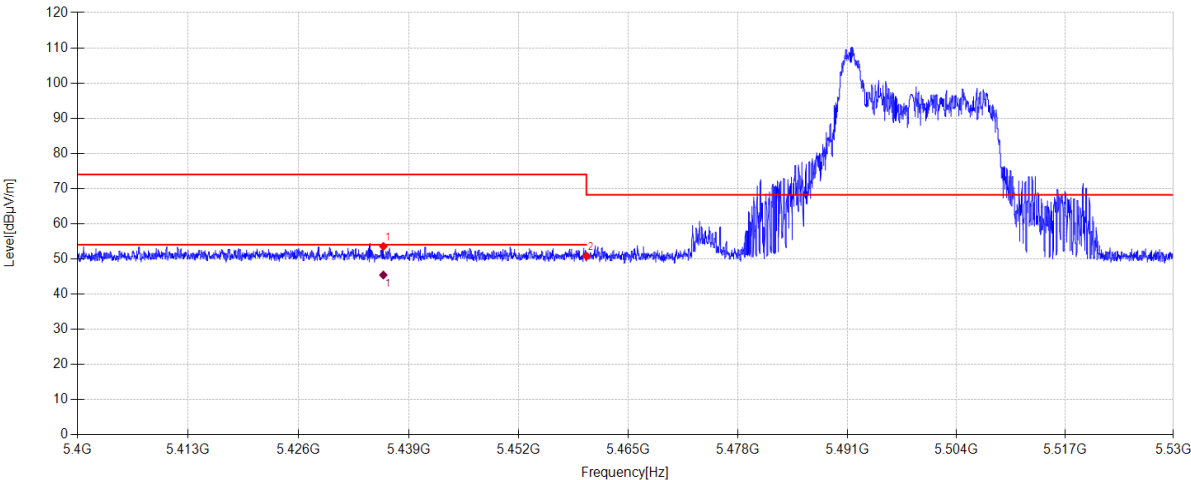
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Memo:

Sample Number: S24111520-010

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	5435.984	44.65	33.03	5.47	-29.60	53.55	74.00	20.45	PK	Horizontal
2	5460.000	41.93	33.00	5.48	-29.60	50.81	68.20	17.39	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5435.984	36.52	33.03	5.47	45.42	54	8.58	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 RU0 MIMO 5500 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

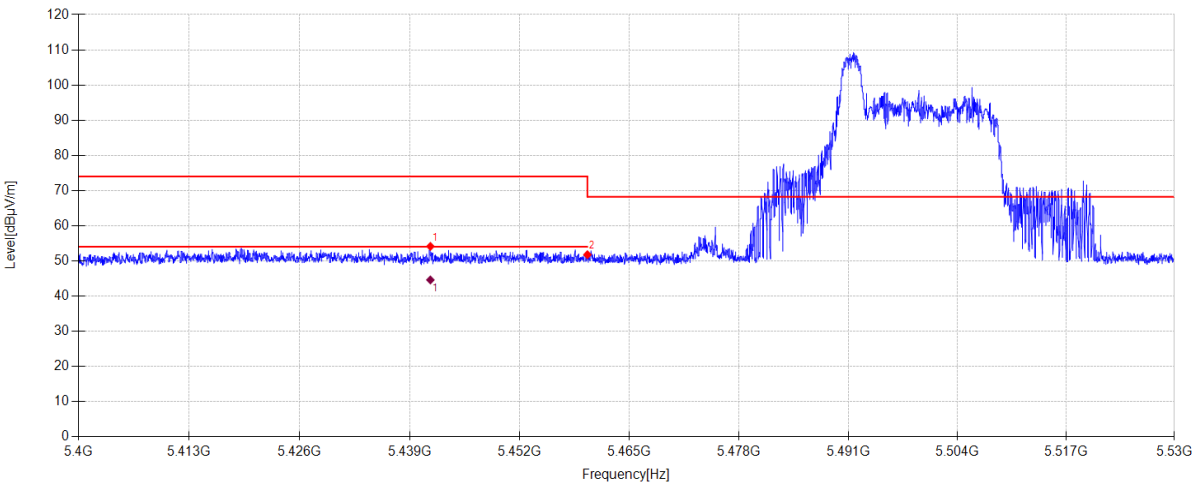
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d:\ts\2024 report data\BAR 1300\5.8G RU\6

Memo:

Sample Number: S24111520-010

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	5441.418	45.24	33.02	5.47	-29.60	54.13	74.00	19.87	PK	Vertical
2	5460.000	42.89	33.00	5.48	-29.60	51.77	68.20	16.43	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5441.418	35.70	33.02	5.47	44.59	54	9.41	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 RU0 MIMO 5700 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

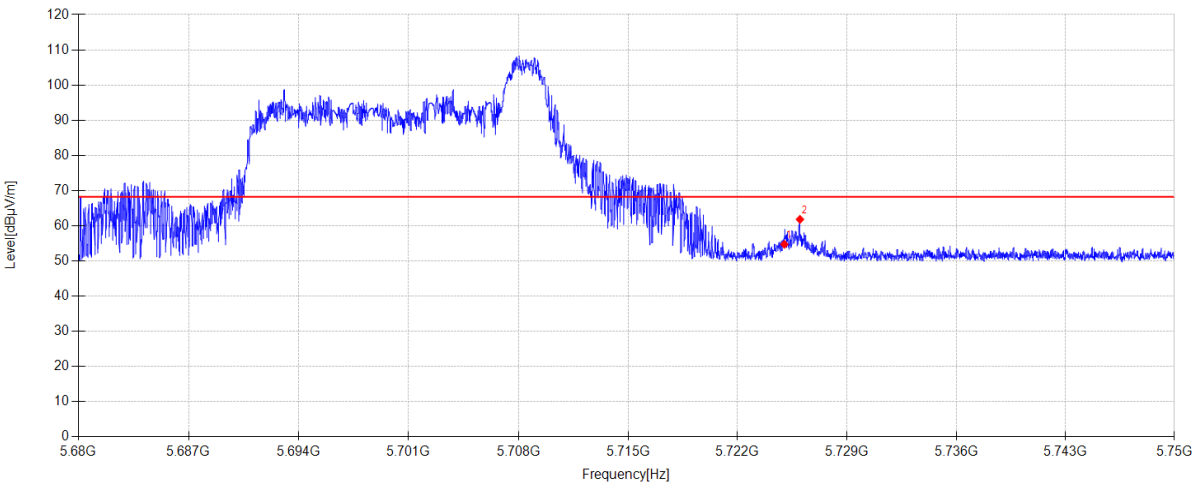
File Path:

d:\ts\2024 report data\BAR 1300\5.8G RU\7

Memo:

Sample Number: S24111520-010

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	44.89	33.75	5.66	-29.60	54.70	68.20	13.50	PK	Horizontal
2	5725.990	51.98	33.76	5.66	-29.60	61.80	68.20	6.40	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 RU8 MIMO 5700 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

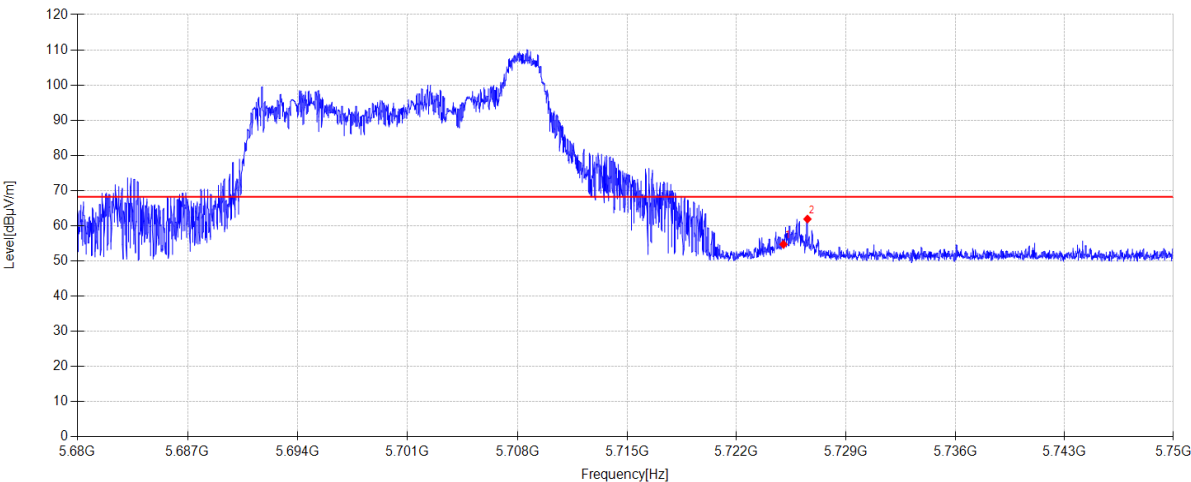
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d:\ts\2024 report data\BAR 1300\5.8G RU\8

Memo:

Sample Number: S24111520-010

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	44.90	33.75	5.66	-29.60	54.71	68.20	13.49	PK	Vertical
2	5726.536	52.07	33.76	5.66	-29.60	61.89	68.20	6.31	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT1 TX 11A 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

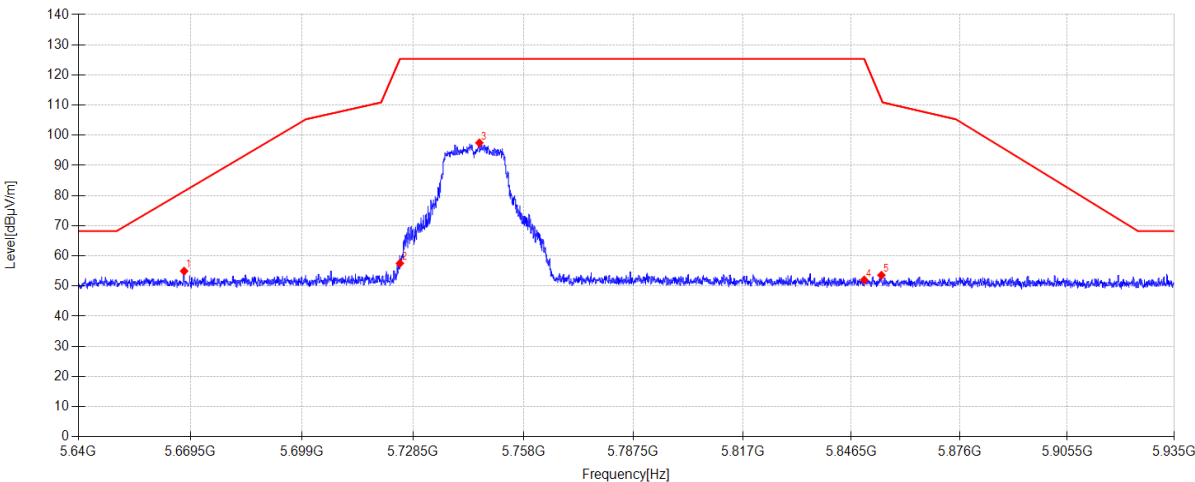
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5.8G\35

Memo:

Sample Number: S24111520-010

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	5667.819	45.46	33.47	5.62	-29.60	54.95	81.42	26.47	PK	Horizontal
2	5725.000	47.72	33.75	5.66	-29.60	57.53	125.30	67.77	PK	Horizontal
3	5746.200	87.54	33.88	5.67	-29.60	97.49	125.30	27.81	PK	Horizontal
4	5850.000	41.88	34.00	5.74	-29.60	52.02	125.30	73.28	PK	Horizontal
5	5854.672	43.44	34.01	5.74	-29.60	53.59	111.85	58.26	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT1 TX 11A 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

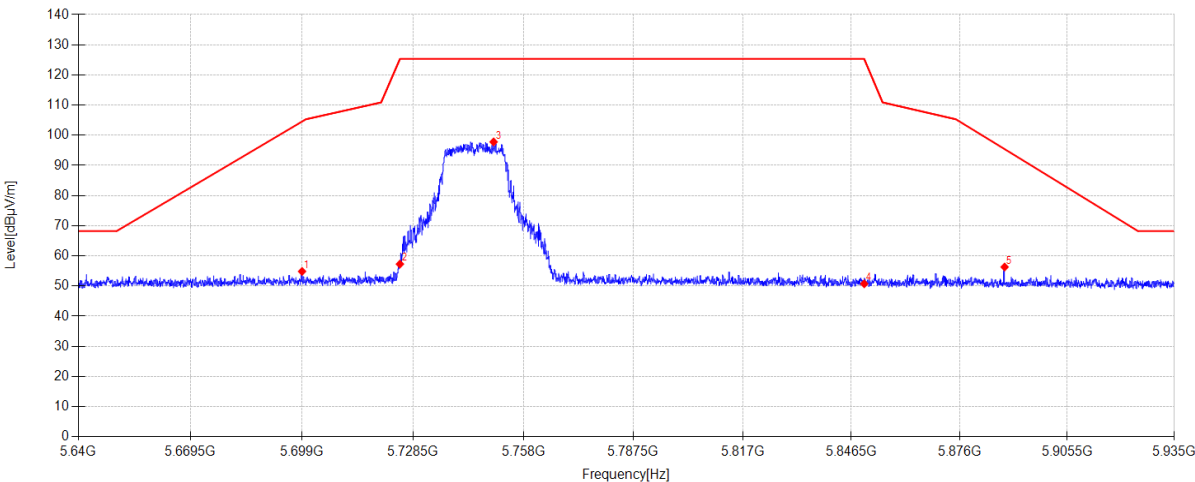
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Memo:

Sample Number: S24111520-010

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	5699.000	45.21	33.60	5.64	-29.60	54.85	104.56	49.71	PK	Vertical
2	5725.000	47.47	33.75	5.66	-29.60	57.28	125.30	68.02	PK	Vertical
3	5750.006	87.81	33.90	5.68	-29.60	97.79	125.30	27.51	PK	Vertical
4	5850.000	40.61	34.00	5.74	-29.60	50.75	125.30	74.55	PK	Vertical
5	5888.331	46.07	34.08	5.77	-29.60	56.32	95.41	39.09	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT1 TX 11A 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

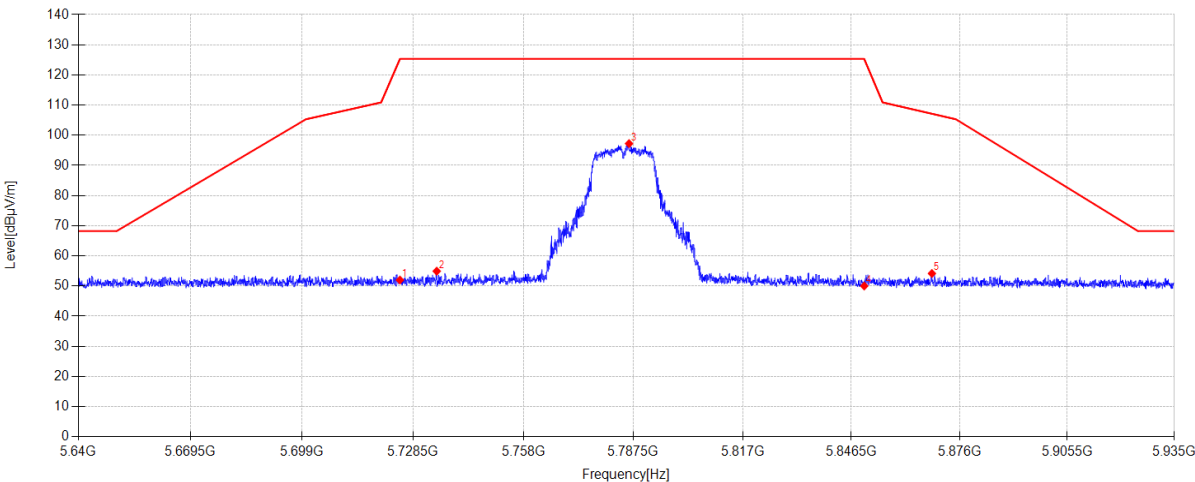
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5.8G\37

Memo:

Sample Number: S24111520-010

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	42.18	33.75	5.66	-29.60	51.99	125.30	73.31	PK	Horizontal
2	5734.813	45.05	33.81	5.66	-29.60	54.92	125.30	70.38	PK	Horizontal
3	5786.350	87.01	34.12	5.70	-29.60	97.23	125.30	28.07	PK	Horizontal
4	5850.000	39.88	34.00	5.74	-29.60	50.02	125.30	75.28	PK	Horizontal
5	5868.448	43.97	34.04	5.75	-29.60	54.16	107.13	52.97	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT1 TX 11A 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

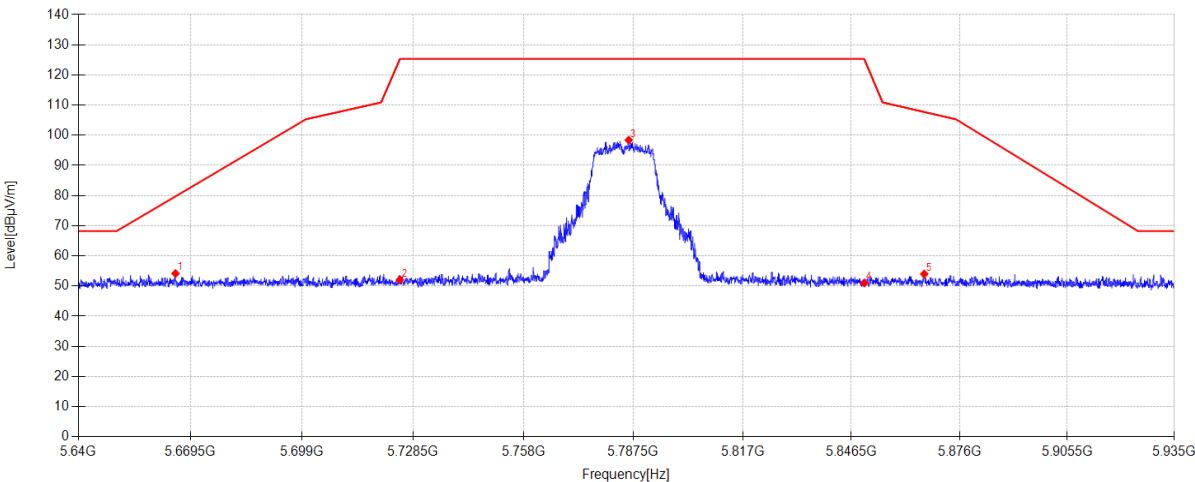
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Memo:

Sample Number: S24111520-010

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	5665.547	44.67	33.46	5.62	-29.60	54.15	79.74	25.59	PK	Vertical
2	5725.000	42.26	33.75	5.66	-29.60	52.07	125.30	73.23	PK	Vertical
3	5786.261	88.16	34.12	5.70	-29.60	98.38	125.30	26.92	PK	Vertical
4	5850.000	40.85	34.00	5.74	-29.60	50.99	125.30	74.31	PK	Vertical
5	5866.354	43.80	34.03	5.75	-29.60	53.98	107.72	53.74	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT1 TX 11A 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

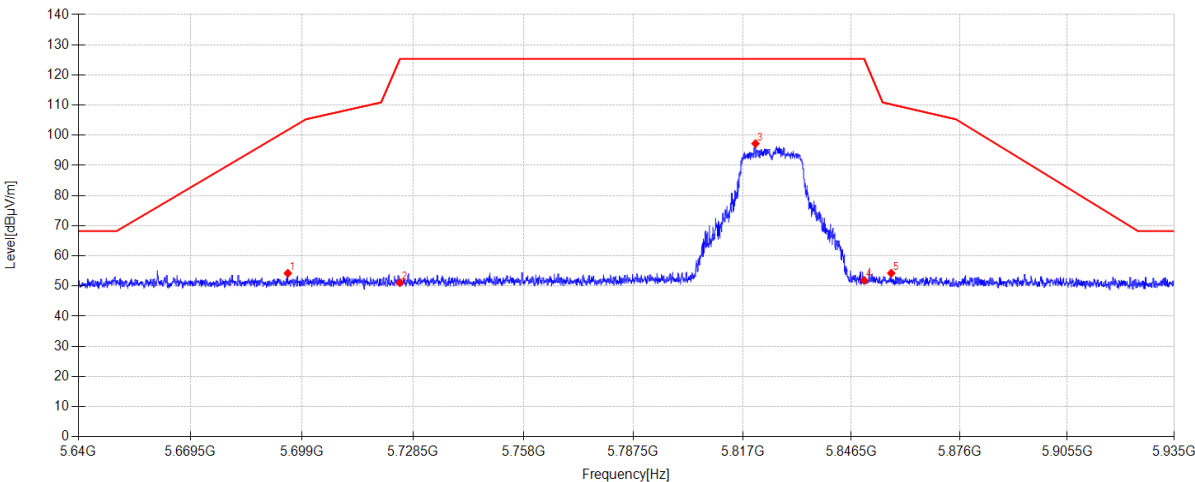
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Memo:

Sample Number: S24111520-010

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	5695.224	44.60	33.58	5.64	-29.60	54.22	101.76	47.54	PK	Horizontal
2	5725.000	41.29	33.75	5.66	-29.60	51.10	125.30	74.20	PK	Horizontal
3	5820.481	87.00	34.12	5.72	-29.60	97.24	125.30	28.06	PK	Horizontal
4	5850.000	41.74	34.00	5.74	-29.60	51.88	125.30	73.42	PK	Horizontal
5	5857.356	44.10	34.01	5.75	-29.60	54.26	110.24	55.98	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT1 TX 11A 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

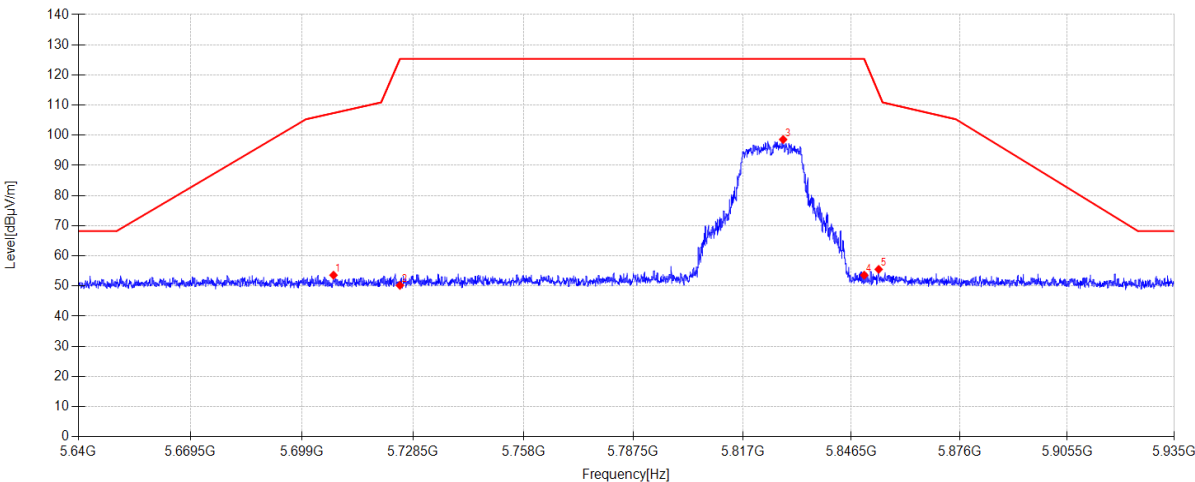
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Memo:

Sample Number: S24111520-010

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	5707.349	43.90	33.64	5.65	-29.60	53.59	107.36	53.77	PK	Vertical
2	5725.000	40.40	33.75	5.66	-29.60	50.21	125.30	75.09	PK	Vertical
3	5827.974	88.38	34.09	5.73	-29.60	98.60	125.30	26.70	PK	Vertical
4	5850.000	43.46	34.00	5.74	-29.60	53.60	125.30	71.70	PK	Vertical
5	5853.934	45.39	34.01	5.74	-29.60	55.54	113.97	58.43	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

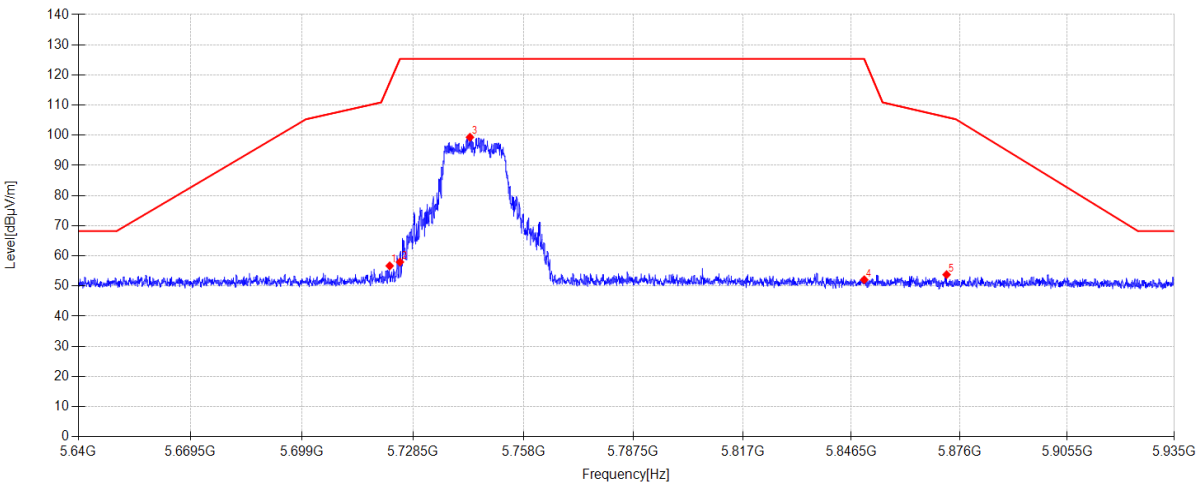
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Memo:

Sample Number: S24111520-010

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	46.89	33.73	5.66	-29.60	56.68	117.45	60.77	PK	Horizontal
2	5725.000	48.14	33.75	5.66	-29.60	57.95	125.30	67.35	PK	Horizontal
3	5743.693	89.41	33.86	5.67	-29.60	99.34	125.30	25.96	PK	Horizontal
4	5850.000	41.94	34.00	5.74	-29.60	52.08	125.30	73.22	PK	Horizontal
5	5872.460	43.57	34.04	5.76	-29.60	53.77	106.01	52.24	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

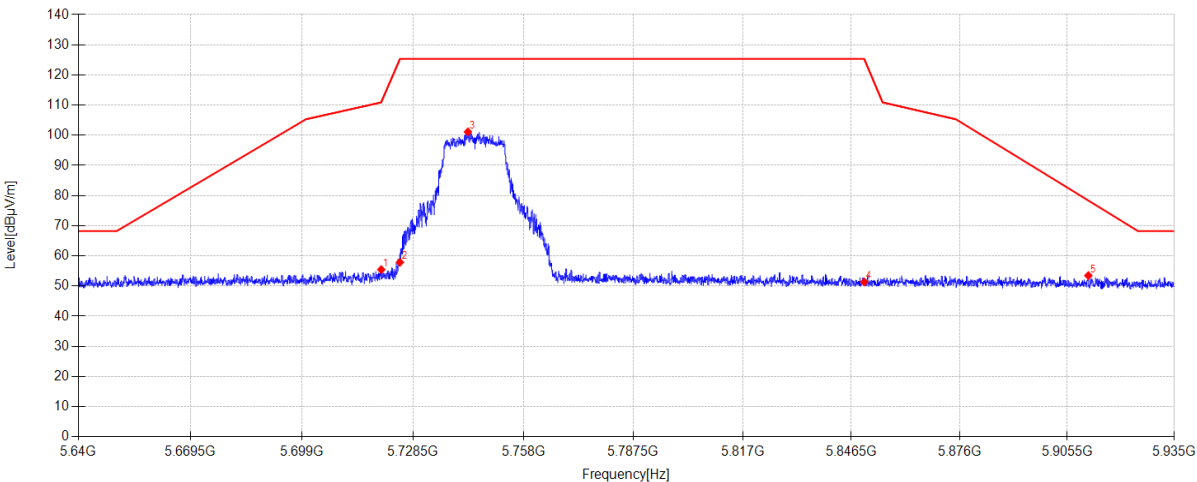
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Memo:

Sample Number: S24111520-010

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	5720.034	45.67	33.72	5.66	-29.60	55.45	111.00	55.55	PK	Vertical
2	5725.000	48.04	33.75	5.66	-29.60	57.85	125.30	67.45	PK	Vertical
3	5743.132	91.19	33.86	5.67	-29.60	101.12	125.30	24.18	PK	Vertical
4	5850.000	41.21	34.00	5.74	-29.60	51.35	125.30	73.95	PK	Vertical
5	5911.312	43.18	34.12	5.78	-29.60	53.48	78.36	24.88	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

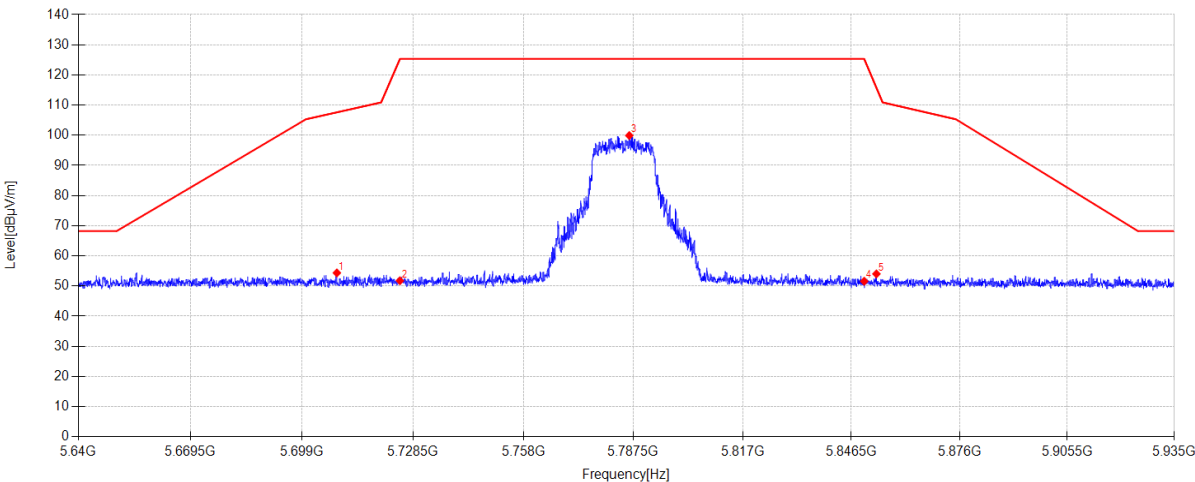
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Memo:

Sample Number: S24111520-010

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	5708.234	44.66	33.65	5.65	-29.60	54.36	107.61	53.25	PK	Horizontal
2	5725.000	41.95	33.75	5.66	-29.60	51.76	125.30	73.54	PK	Horizontal
3	5786.409	89.69	34.12	5.70	-29.60	99.91	125.30	25.39	PK	Horizontal
4	5850.000	41.45	34.00	5.74	-29.60	51.59	125.30	73.71	PK	Horizontal
5	5853.315	43.87	34.01	5.74	-29.60	54.02	115.75	61.73	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

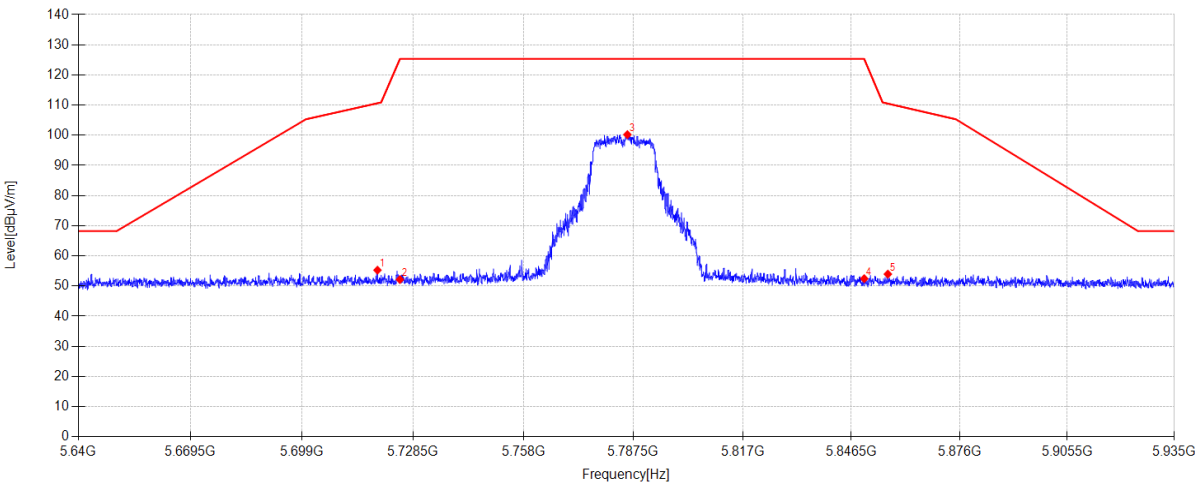
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Memo:

Sample Number: S24111520-010

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	5719.031	45.51	33.71	5.65	-29.60	55.27	110.63	55.36	PK	Vertical
2	5725.000	42.34	33.75	5.66	-29.60	52.15	125.30	73.15	PK	Vertical
3	5785.907	89.99	34.12	5.70	-29.60	100.21	125.30	25.09	PK	Vertical
4	5850.000	42.30	34.00	5.74	-29.60	52.44	125.30	72.86	PK	Vertical
5	5856.442	43.79	34.01	5.75	-29.60	53.95	110.50	56.55	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

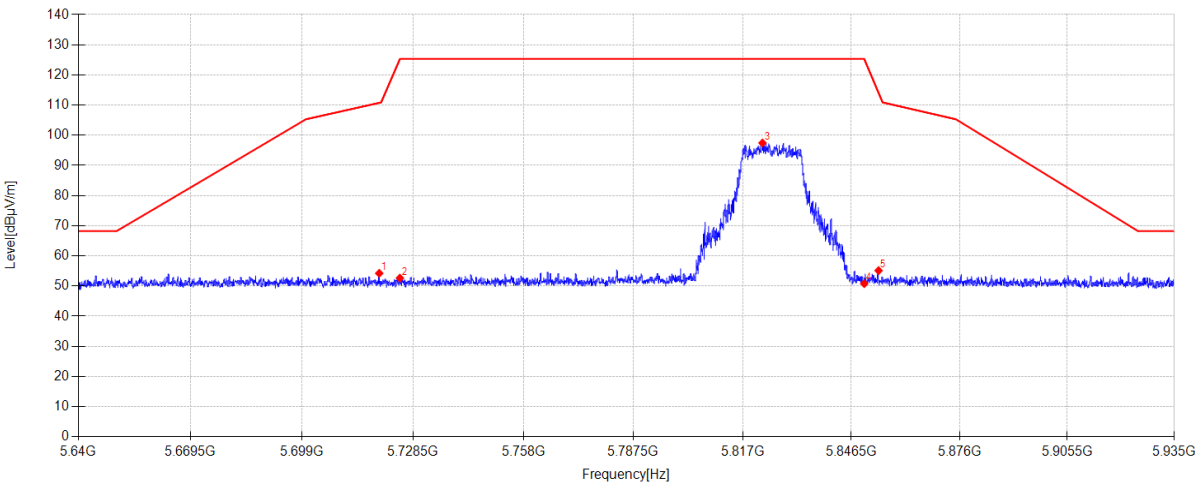
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5.8G\41

Memo:

Sample Number: S24111520-010

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	44.45	33.72	5.65	-29.60	54.22	110.76	56.54	PK	Horizontal
2	5725.000	42.83	33.75	5.66	-29.60	52.64	125.30	72.66	PK	Horizontal
3	5822.369	87.22	34.11	5.72	-29.60	97.45	125.30	27.85	PK	Horizontal
4	5850.000	40.64	34.00	5.74	-29.60	50.78	125.30	74.52	PK	Horizontal
5	5853.905	44.98	34.01	5.74	-29.60	55.13	114.06	58.93	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

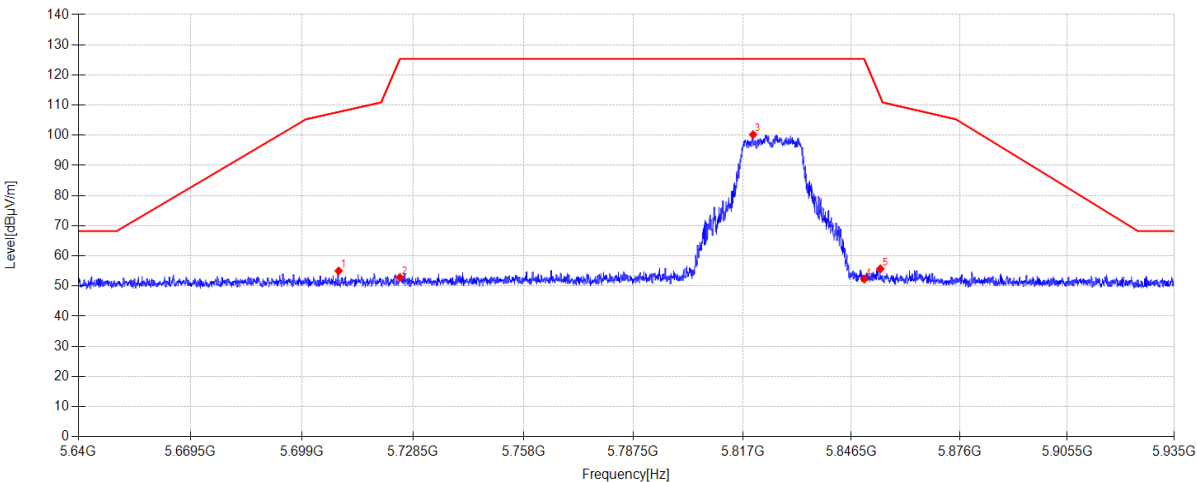
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5.8G\42

Memo:

Sample Number: S24111520-010

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	5708.706	45.32	33.65	5.65	-29.60	55.02	107.74	52.72	PK	Vertical
2	5725.000	43.05	33.75	5.66	-29.60	52.86	125.30	72.44	PK	Vertical
3	5819.832	89.98	34.12	5.72	-29.60	100.22	125.30	25.08	PK	Vertical
4	5850.000	42.19	34.00	5.74	-29.60	52.33	125.30	72.97	PK	Vertical
5	5854.406	45.56	34.01	5.74	-29.60	55.71	112.61	56.90	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N20 MIMO 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

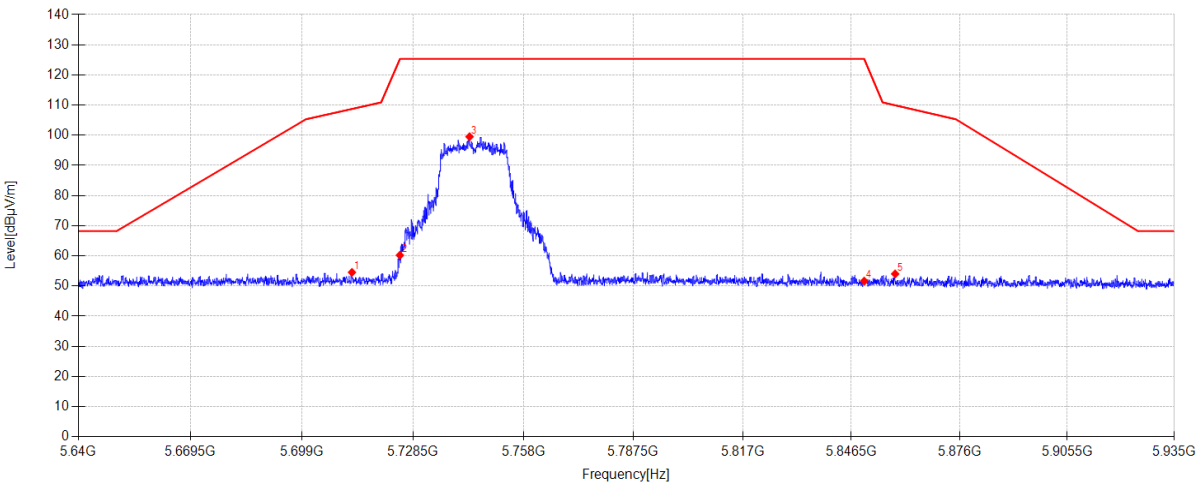
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5.8G\29

Memo:

Sample Number: S24111520-010

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	5712.246	44.82	33.67	5.65	-29.60	54.54	108.73	54.19	PK	Horizontal
2	5725.000	50.40	33.75	5.66	-29.60	60.21	125.30	65.09	PK	Horizontal
3	5743.575	89.58	33.86	5.67	-29.60	99.51	125.30	25.79	PK	Horizontal
4	5850.000	41.50	34.00	5.74	-29.60	51.64	125.30	73.66	PK	Horizontal
5	5858.418	43.84	34.02	5.75	-29.60	54.01	109.94	55.93	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N20 MIMO 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

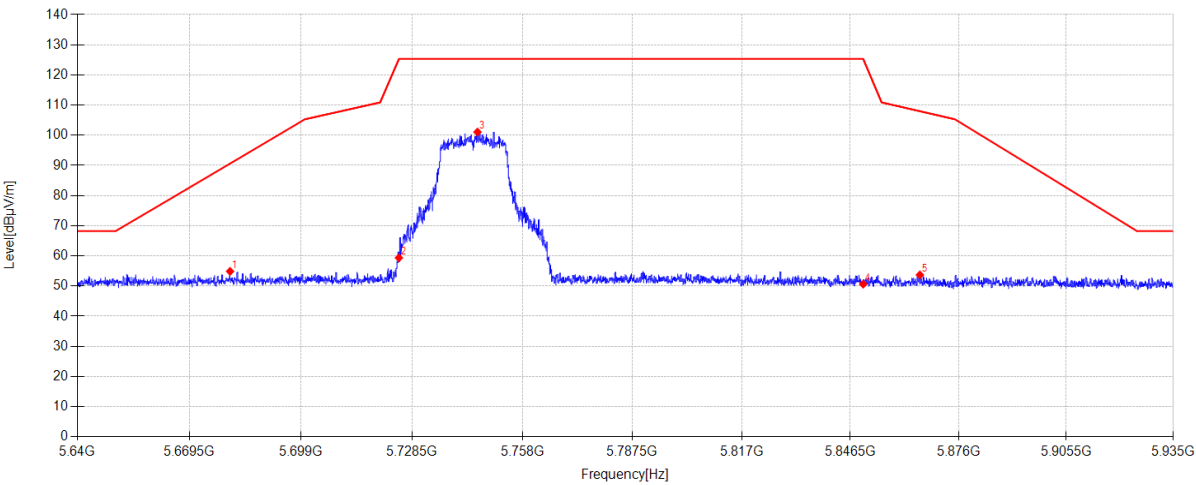
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Memo:

Sample Number: S24111520-010

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	5680.209	45.32	33.52	5.63	-29.60	54.87	90.61	35.74	PK	Vertical
2	5725.000	49.55	33.75	5.66	-29.60	59.36	125.30	65.94	PK	Vertical
3	5745.964	91.12	33.88	5.67	-29.60	101.07	125.30	24.23	PK	Vertical
4	5850.000	40.49	34.00	5.74	-29.60	50.63	125.30	74.67	PK	Vertical
5	5865.439	43.51	34.03	5.75	-29.60	53.69	107.98	54.29	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N20 MIMO 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

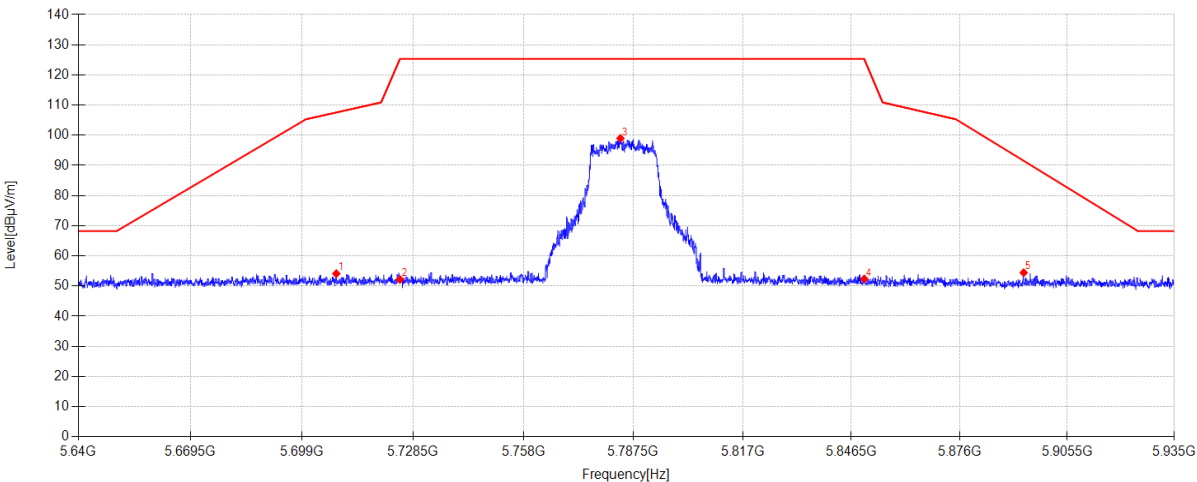
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Memo:

Sample Number: S24111520-010

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	5708.086	44.42	33.65	5.65	-29.60	54.12	107.56	53.44	PK	Horizontal
2	5725.000	42.35	33.75	5.66	-29.60	52.16	125.30	73.14	PK	Horizontal
3	5784.019	88.78	34.10	5.70	-29.60	98.98	125.30	26.32	PK	Horizontal
4	5850.000	42.22	34.00	5.74	-29.60	52.36	125.30	72.94	PK	Horizontal
5	5893.553	44.17	34.09	5.77	-29.60	54.43	91.53	37.10	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N20 MIMO 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

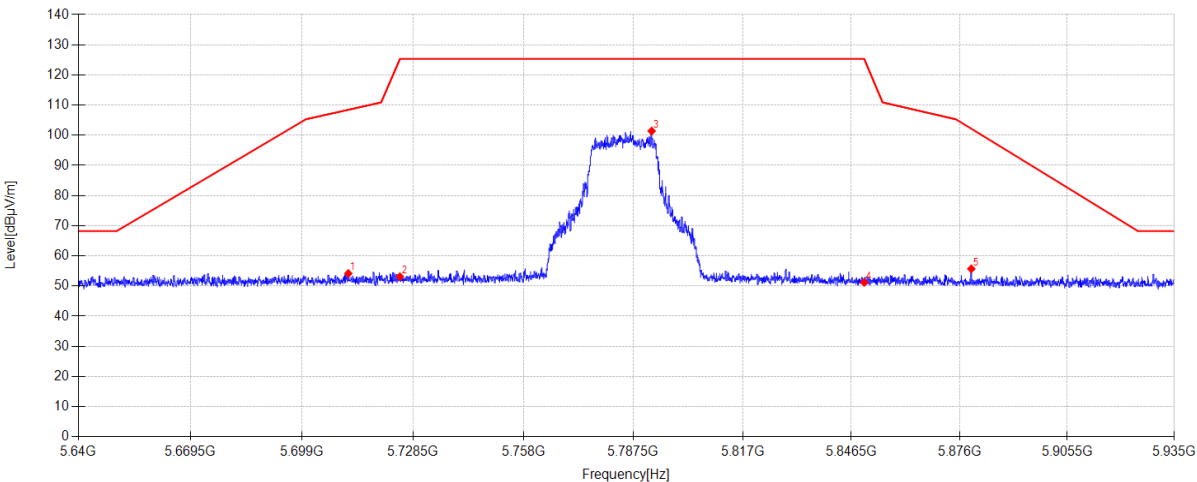
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Memo:

Sample Number: S24111520-010

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	5711.272	44.44	33.67	5.65	-29.60	54.16	108.46	54.30	PK	Vertical
2	5725.000	43.30	33.75	5.66	-29.60	53.11	125.30	72.19	PK	Vertical
3	5792.427	91.15	34.15	5.70	-29.60	101.40	125.30	23.90	PK	Vertical
4	5850.000	41.06	34.00	5.74	-29.60	51.20	125.30	74.10	PK	Vertical
5	5879.216	45.49	34.06	5.76	-29.60	55.71	102.17	46.46	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N20 MIMO 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

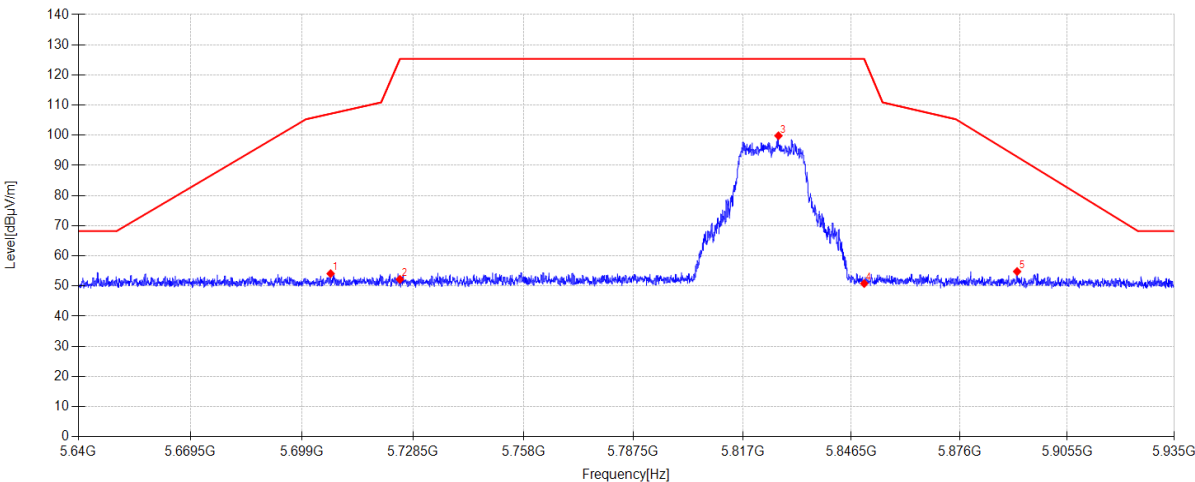
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Memo:

Sample Number: S24111520-010

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	44.42	33.64	5.65	-29.60	54.11	107.14	53.03	PK	Horizontal
2	5725.000	42.40	33.75	5.66	-29.60	52.21	125.30	73.09	PK	Horizontal
3	5826.706	89.61	34.09	5.73	-29.60	99.83	125.30	25.47	PK	Horizontal
4	5850.000	40.70	34.00	5.74	-29.60	50.84	125.30	74.46	PK	Horizontal
5	5891.753	44.56	34.08	5.77	-29.60	54.81	92.87	38.06	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N20 MIMO 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

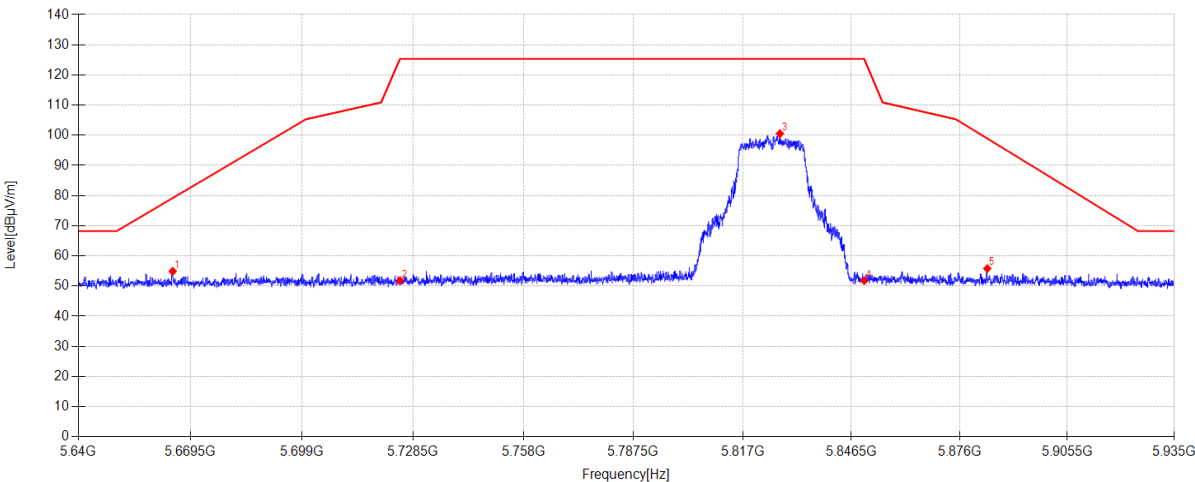
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Memo:

Sample Number: S24111520-010

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	5664.810	45.41	33.46	5.62	-29.60	54.89	79.19	24.30	PK	Vertical
2	5725.000	41.97	33.75	5.66	-29.60	51.78	125.30	73.52	PK	Vertical
3	5827.089	90.31	34.09	5.73	-29.60	100.53	125.30	24.77	PK	Vertical
4	5850.000	41.66	34.00	5.74	-29.60	51.80	125.30	73.50	PK	Vertical
5	5883.582	45.58	34.07	5.76	-29.60	55.81	98.93	43.12	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N40 MIMO 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

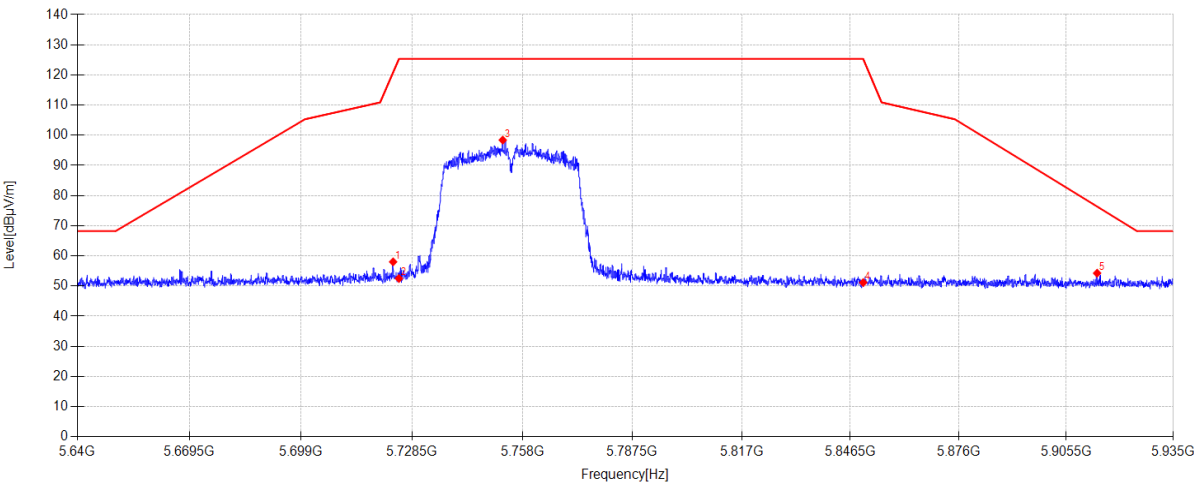
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Memo:

Sample Number: S24111520-010

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	5723.456	48.21	33.74	5.66	-29.60	58.01	120.85	62.84	PK	Horizontal
2	5725.000	42.69	33.75	5.66	-29.60	52.50	125.30	72.80	PK	Horizontal
3	5752.720	88.41	33.92	5.68	-29.60	98.41	125.30	26.89	PK	Horizontal
4	5850.000	41.01	34.00	5.74	-29.60	51.15	125.30	74.15	PK	Horizontal
5	5913.996	43.95	34.13	5.78	-29.60	54.26	76.36	22.10	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N40 MIMO 5755 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

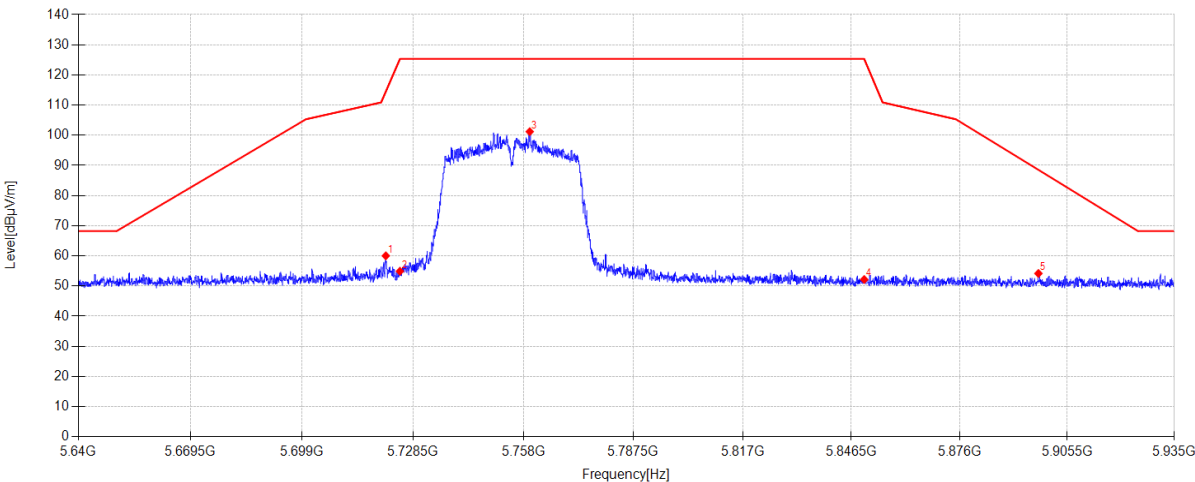
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Memo:

Sample Number: S24111520-010

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	5721.243	50.22	33.73	5.66	-29.60	60.01	114.48	54.47	PK	Vertical
2	5725.000	45.09	33.75	5.66	-29.60	54.90	125.30	70.40	PK	Vertical
3	5759.682	91.17	33.96	5.68	-29.60	101.21	125.30	24.09	PK	Vertical
4	5850.000	42.02	34.00	5.74	-29.60	52.16	125.30	73.14	PK	Vertical
5	5897.594	43.89	34.10	5.77	-29.60	54.16	88.54	34.38	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N40 MIMO 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

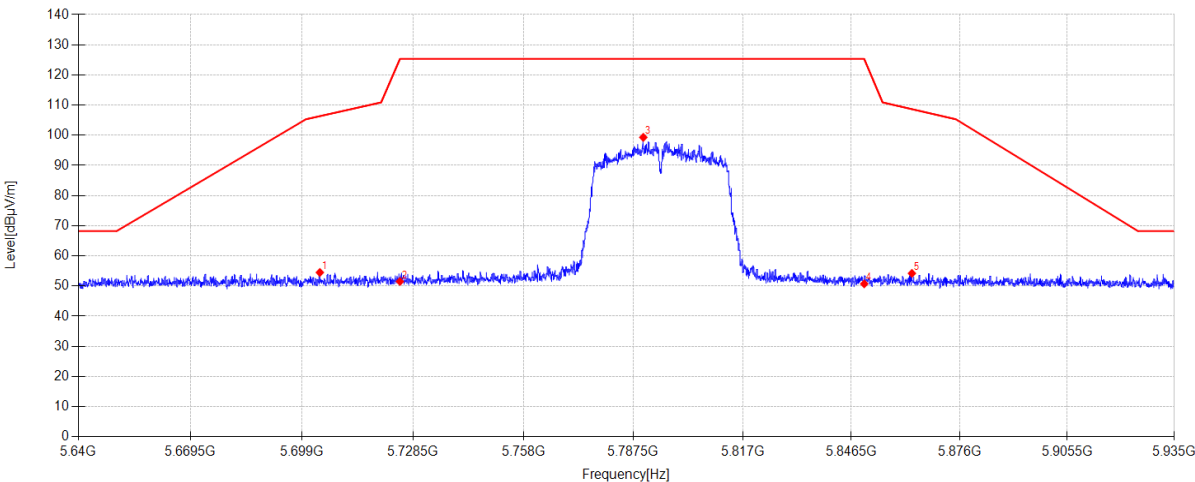
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Memo:

Sample Number: S24111520-010

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	5703.720	44.84	33.62	5.64	-29.60	54.50	106.34	51.84	PK	Horizontal
2	5725.000	41.70	33.75	5.66	-29.60	51.51	125.30	73.79	PK	Horizontal
3	5790.185	89.07	34.14	5.70	-29.60	99.31	125.30	25.99	PK	Horizontal
4	5850.000	40.59	34.00	5.74	-29.60	50.73	125.30	74.57	PK	Horizontal
5	5862.991	44.02	34.03	5.75	-29.60	54.20	108.66	54.46	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N40 MIMO 5795 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

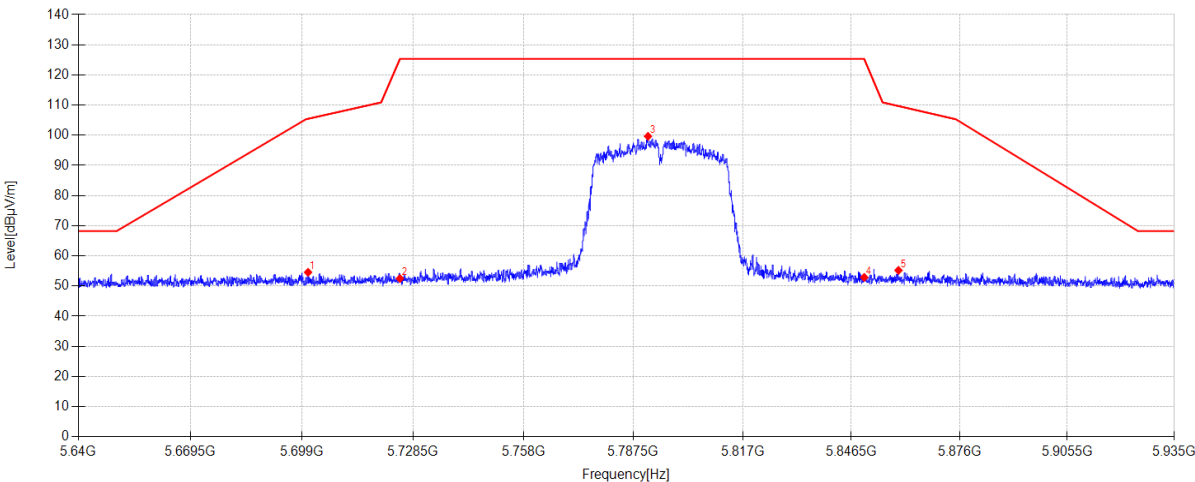
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Memo:

Sample Number: S24111520-010

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	5700.593	44.92	33.60	5.64	-29.60	54.56	105.47	50.91	PK	Vertical
2	5725.000	42.68	33.75	5.66	-29.60	52.49	125.30	72.81	PK	Vertical
3	5791.453	89.41	34.15	5.70	-29.60	99.66	125.30	25.64	PK	Vertical
4	5850.000	42.73	34.00	5.74	-29.60	52.87	125.30	72.43	PK	Vertical
5	5859.333	45.04	34.02	5.75	-29.60	55.21	109.69	54.48	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC20 MIMO 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

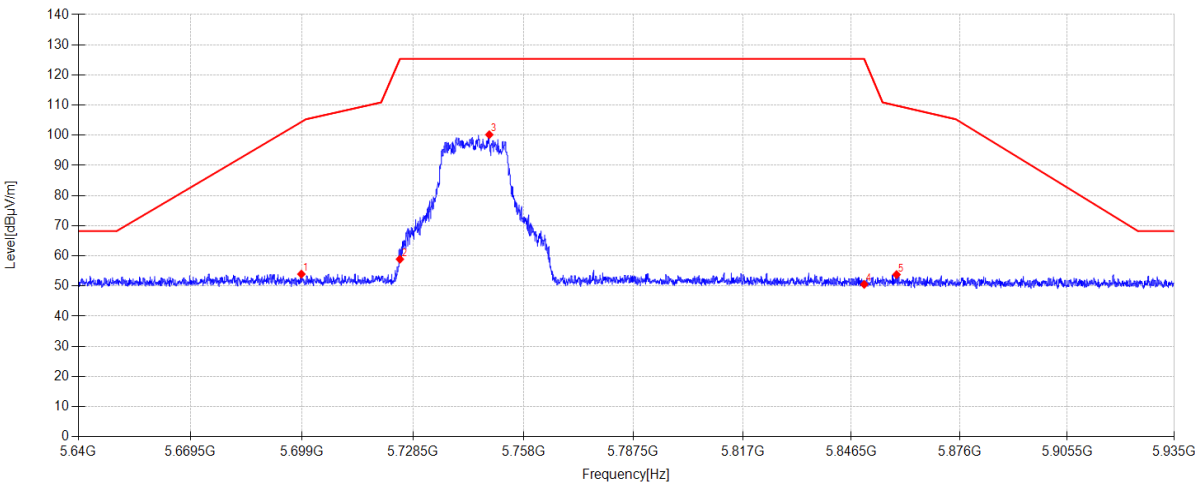
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Memo:

Sample Number: S24111520-010

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	5698.823	44.31	33.60	5.64	-29.60	53.95	104.43	50.48	PK	Horizontal
2	5725.000	49.09	33.75	5.66	-29.60	58.90	125.30	66.40	PK	Horizontal
3	5748.855	90.23	33.89	5.67	-29.60	100.19	125.30	25.11	PK	Horizontal
4	5850.000	40.41	34.00	5.74	-29.60	50.55	125.30	74.75	PK	Horizontal
5	5858.802	43.63	34.02	5.75	-29.60	53.80	109.84	56.04	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC20 MIMO 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

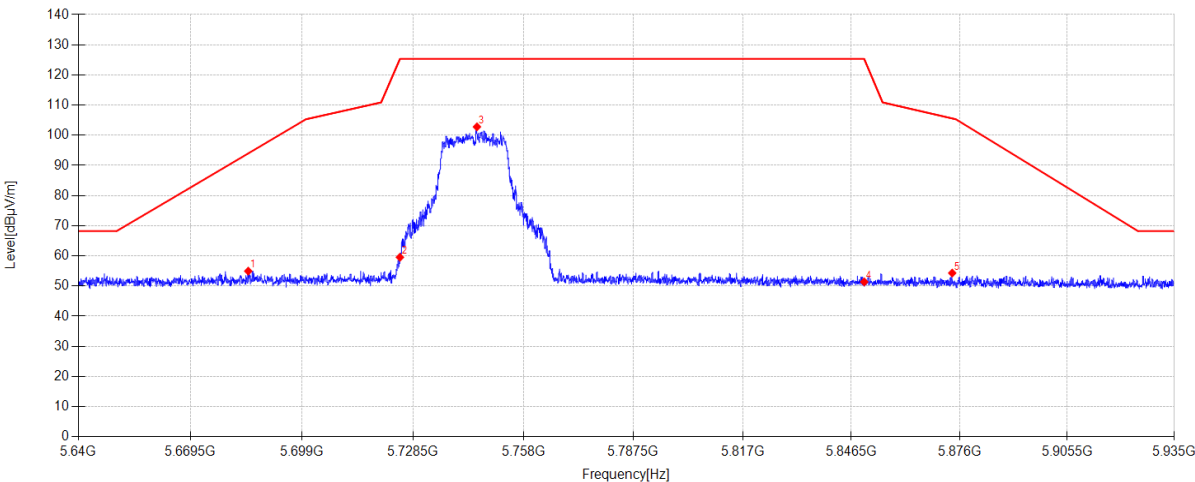
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5684.752	45.38	33.54	5.63	-29.60	54.95	93.99	39.04	PK	Vertical
2	5725.000	49.72	33.75	5.66	-29.60	59.53	125.30	65.77	PK	Vertical
3	5745.551	92.85	33.87	5.67	-29.60	102.79	125.30	22.51	PK	Vertical
4	5850.000	41.25	34.00	5.74	-29.60	51.39	125.30	73.91	PK	Vertical
5	5873.994	44.09	34.05	5.76	-29.60	54.30	105.58	51.28	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.