

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 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

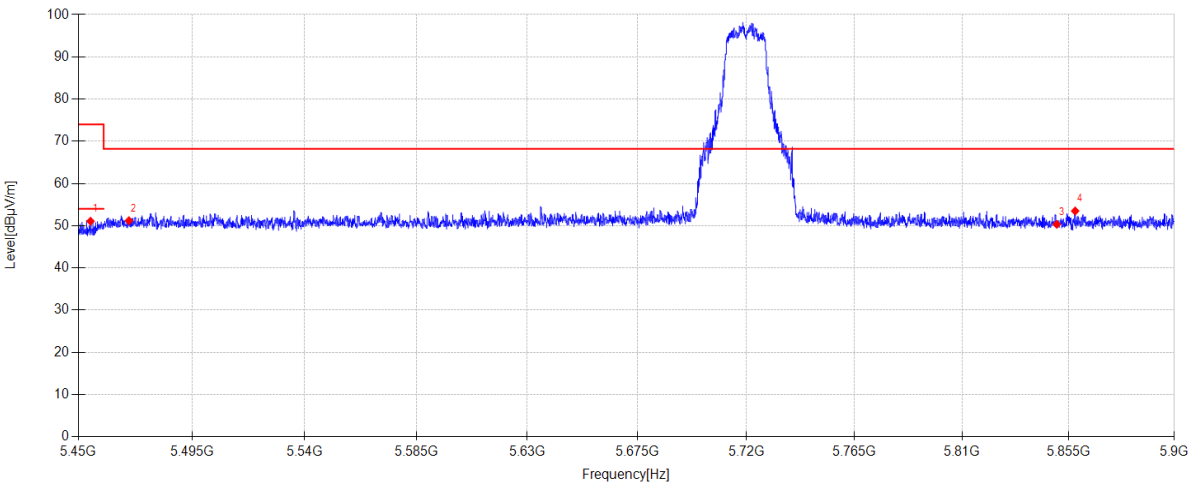
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d:\ts\2024 report data\BAR 1300\kuayue\3

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	5454.815	42.19	33.00	5.48	-29.60	51.07	74.00	22.93	PK	Horizontal
2	5470.000	42.31	33.00	5.49	-29.60	51.20	68.20	17.00	PK	Horizontal
3	5850.000	40.19	34.00	5.74	-29.60	50.33	68.20	17.87	PK	Horizontal
4	5857.790	43.32	34.02	5.75	-29.60	53.49	68.20	14.71	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 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

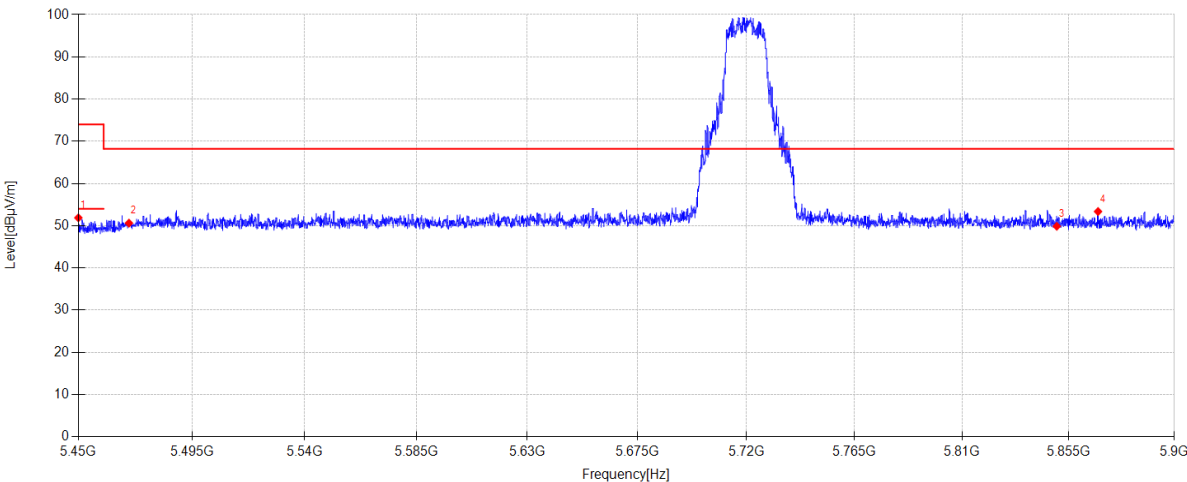
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Memo:

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	5450.000	43.00	33.00	5.48	-29.60	51.88	74.00	22.12	PK	Vertical
2	5470.000	41.72	33.00	5.49	-29.60	50.61	68.20	17.59	PK	Vertical
3	5850.000	39.72	34.00	5.74	-29.60	49.86	68.20	18.34	PK	Vertical
4	5867.510	43.17	34.04	5.75	-29.60	53.36	68.20	14.84	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

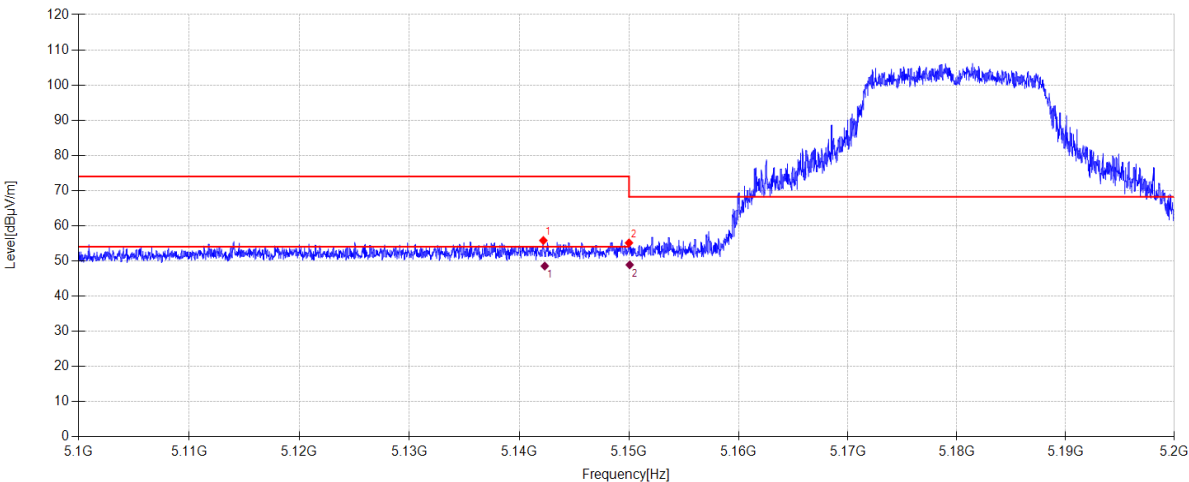
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Memo:

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	5142.190	46.74	33.40	5.27	-29.60	55.81	74.00	18.19	PK	Horizontal
2	5150.000	46.05	33.40	5.28	-29.60	55.13	68.20	13.07	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	5142.318	39.46	33.40	5.27	48.53	54	5.47	AV	Horizontal	
2	5150.064	39.80	33.40	5.28	48.88	54	5.12	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:

ANT2 TX 11A 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

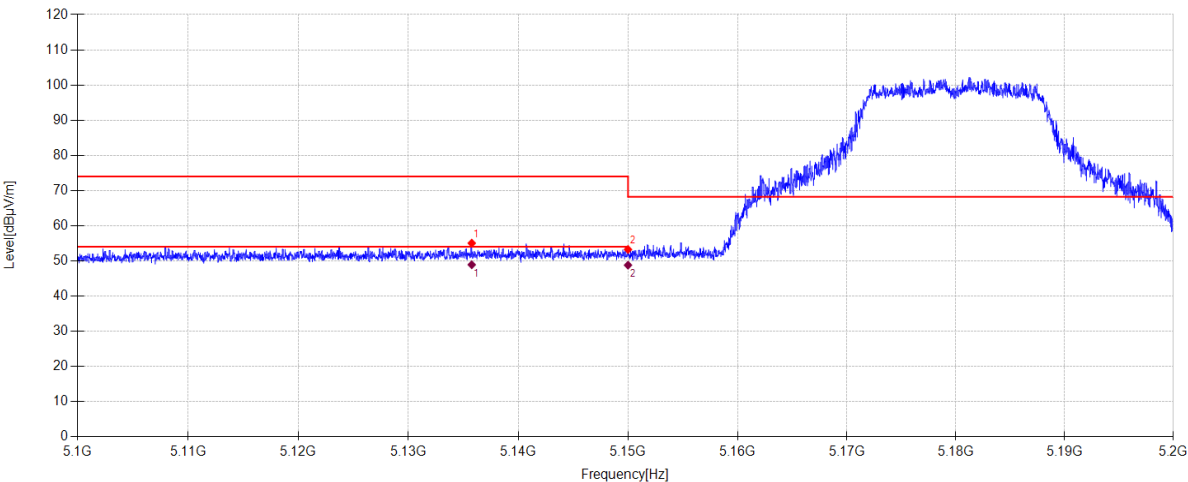
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Memo:

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	5135.760	45.97	33.40	5.27	-29.60	55.04	74.00	18.96	PK	Vertical
2	5150.000	44.17	33.40	5.28	-29.60	53.25	68.20	14.95	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	5135.760	39.84	33.40	5.27	48.91	54	5.09	AV	Vertical	
2	5150.000	39.71	33.40	5.28	48.79	54	5.21	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:

ANT2 TX 11A 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

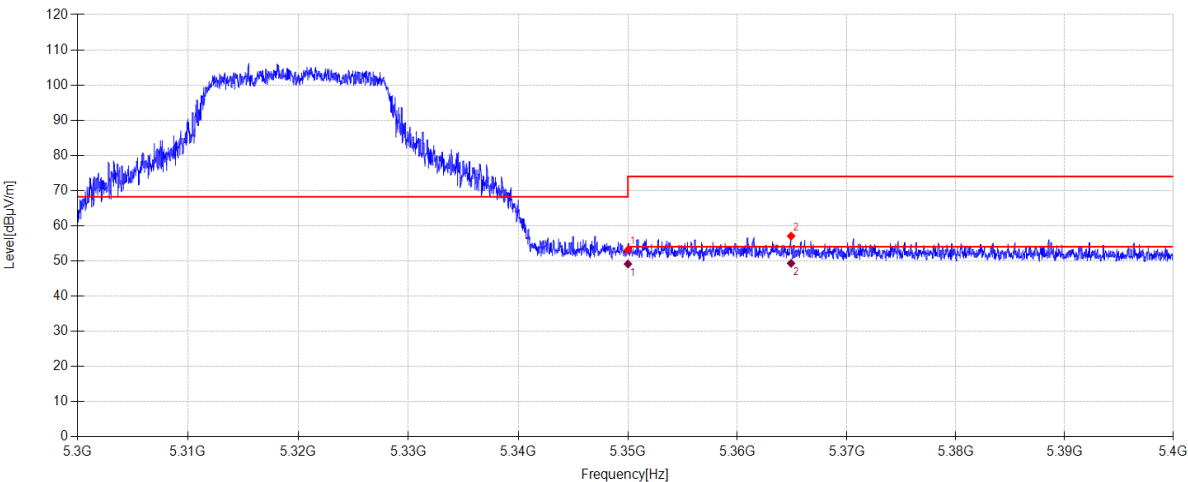
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Memo:

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	44.18	33.10	5.41	-29.60	53.09	68.20	15.11	PK	Horizontal
2	5364.910	48.13	33.10	5.42	-29.60	57.05	74.00	16.95	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	40.21	33.10	5.41	49.12	54	4.88	AV	Horizontal	
2	5364.910	40.39	33.10	5.42	49.31	54	4.69	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

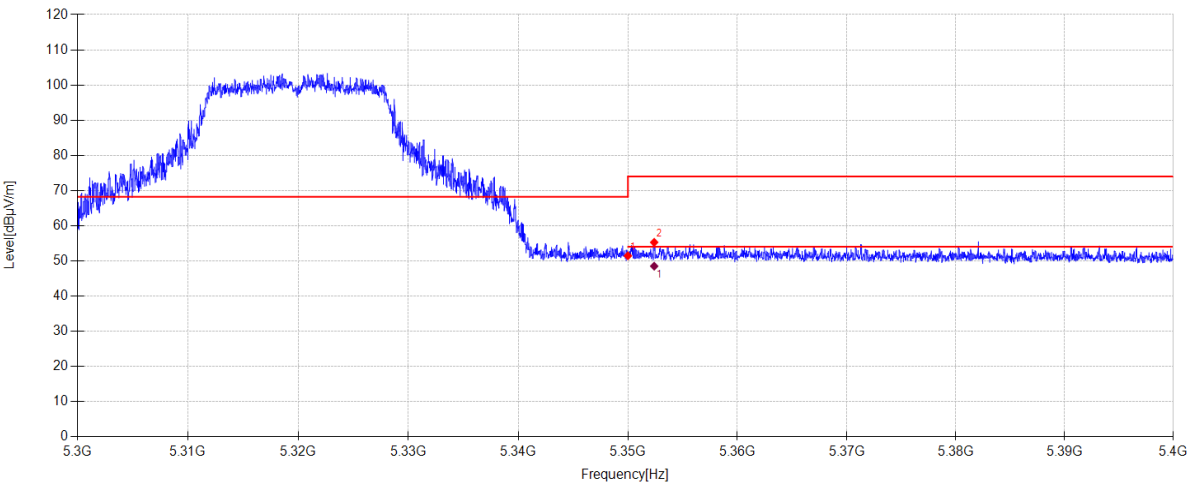
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Memo:

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	42.54	33.10	5.41	-29.60	51.45	68.20	16.75	PK	Vertical
2	5352.400	46.37	33.10	5.41	-29.60	55.28	74.00	18.72	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	5352.400	39.59	33.10	5.41	48.50	54	5.50	AV	Vertical	

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

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

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

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:

ANT2 TX 11A 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

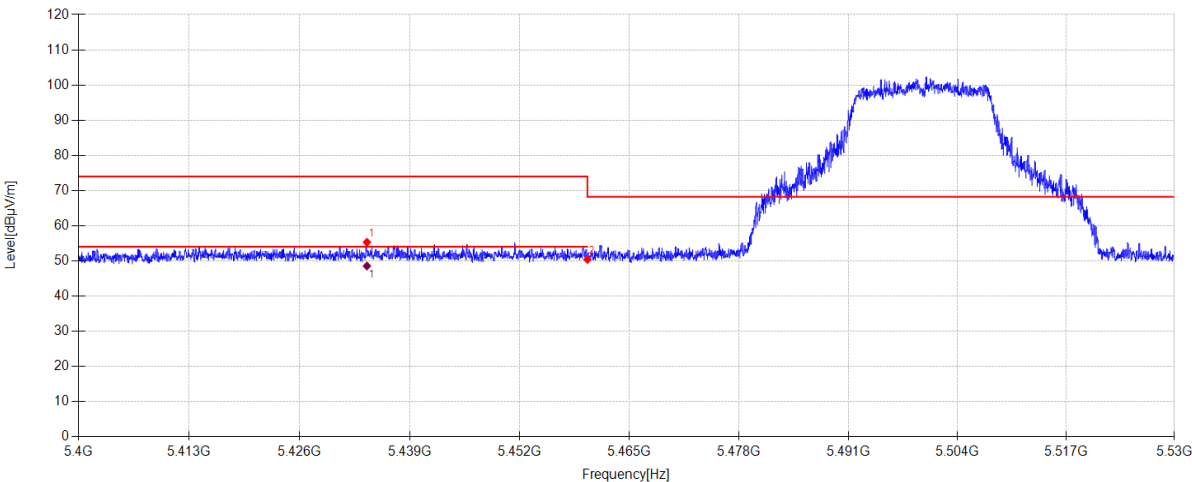
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Memo:

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	5433.930	46.40	33.03	5.47	-29.60	55.30	74.00	18.70	PK	Horizontal
2	5460.000	41.54	33.00	5.48	-29.60	50.42	68.20	17.78	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	5433.930	39.65	33.03	5.47	48.55	54	5.45	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:

ANT2 TX 11A 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

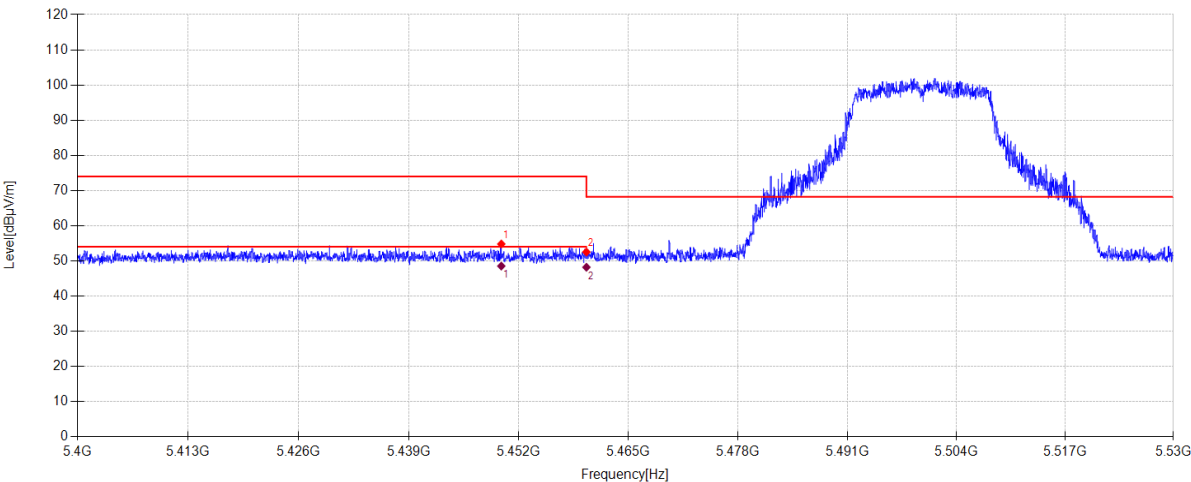
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Memo:

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	5449.920	45.93	33.00	5.48	-29.60	54.81	74.00	19.19	PK	Vertical
2	5460.000	43.65	33.00	5.48	-29.60	52.53	68.20	15.67	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	5449.920	39.65	33.00	5.48	48.53	54	5.47	AV	Vertical	
2	5460.000	39.32	33.00	5.48	48.20	54	5.80	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:

ANT2 TX 11A 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

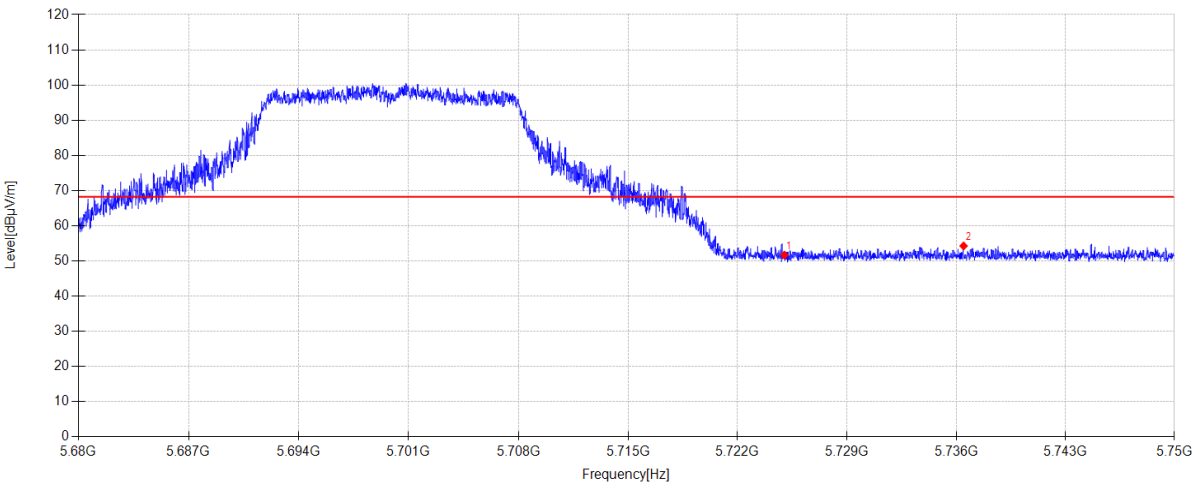
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Memo:

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	41.84	33.75	5.66	-29.60	51.65	68.20	16.55	PK	Horizontal
2	5736.476	44.36	33.82	5.67	-29.60	54.25	68.20	13.95	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:

ANT2 TX 11A 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

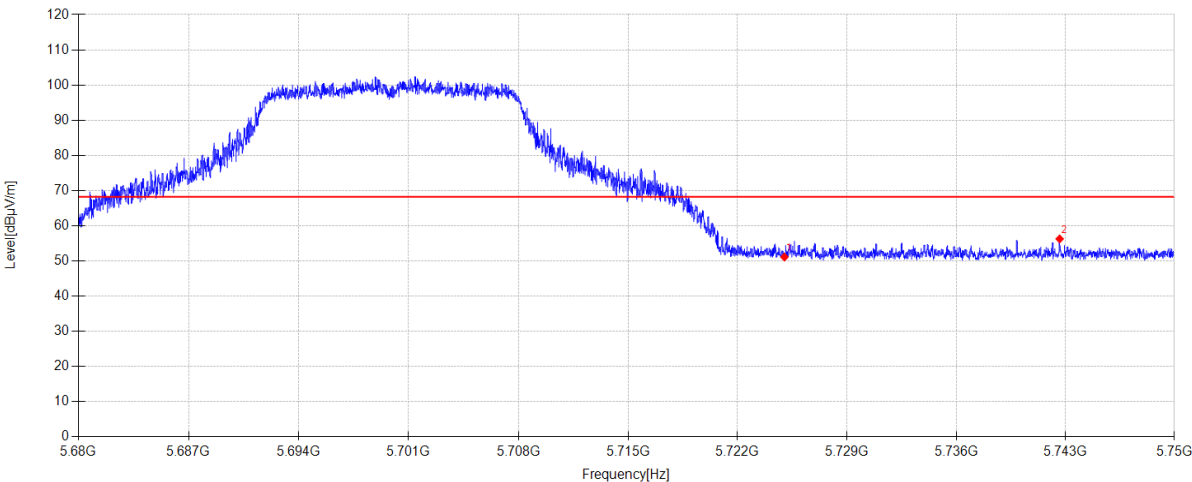
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Memo:

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	41.29	33.75	5.66	-29.60	51.10	68.20	17.10	PK	Vertical
2	5742.636	46.33	33.86	5.67	-29.60	56.26	68.20	11.94	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

ANT2 TX 11A 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

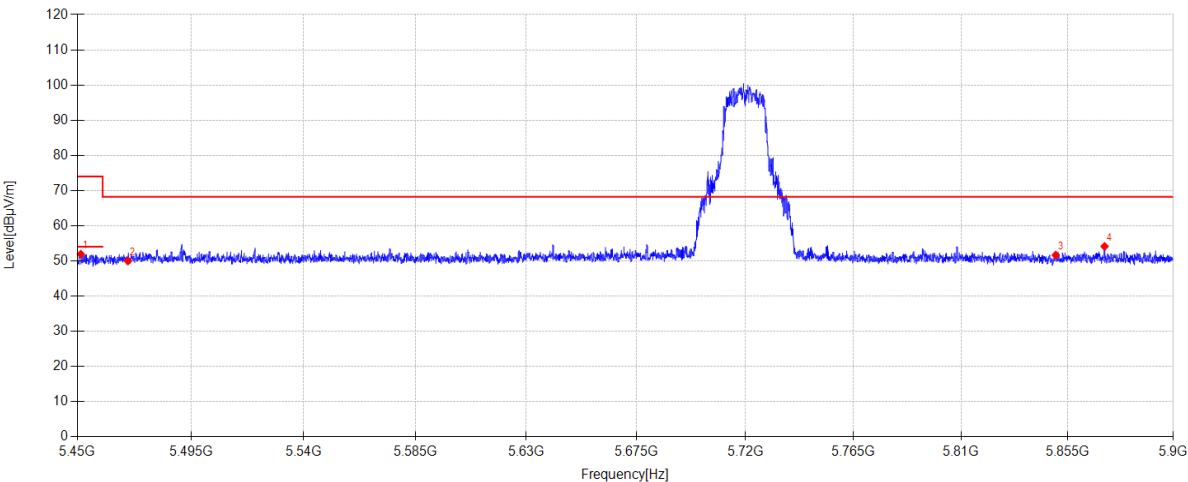
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Memo:

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	5451.350	43.03	33.00	5.48	-29.60	51.91	74.00	22.09	PK	Horizontal
2	5470.000	41.10	33.00	5.49	-29.60	49.99	68.20	18.21	PK	Horizontal
3	5850.000	41.52	34.00	5.74	-29.60	51.66	68.20	16.54	PK	Horizontal
4	5870.705	43.93	34.04	5.75	-29.60	54.12	68.20	14.08	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 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

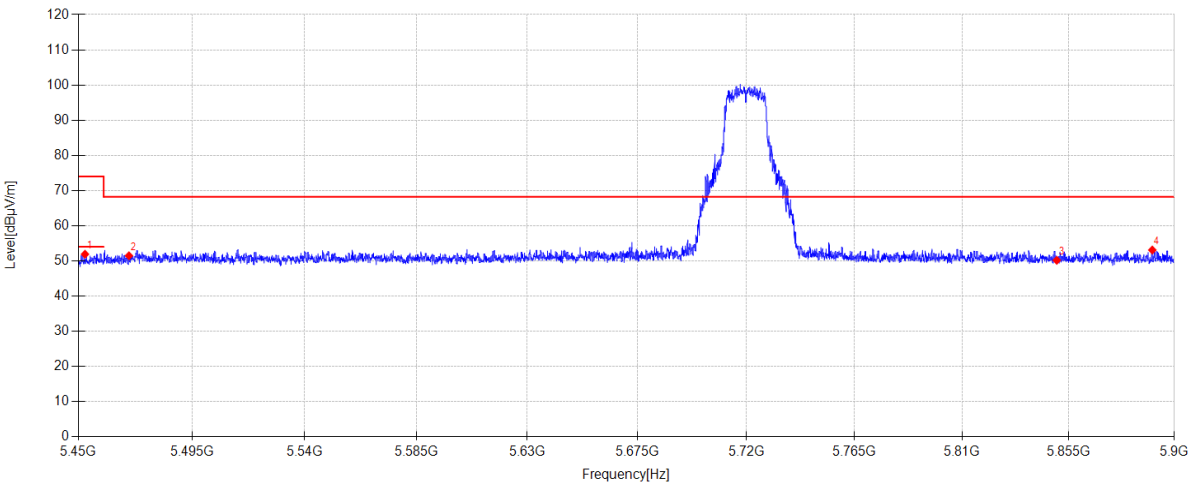
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Memo:

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	5452.610	43.02	33.00	5.48	-29.60	51.90	74.00	22.10	PK	Vertical
2	5470.000	42.58	33.00	5.49	-29.60	51.47	68.20	16.73	PK	Vertical
3	5850.000	40.03	34.00	5.74	-29.60	50.17	68.20	18.03	PK	Vertical
4	5890.595	42.85	34.08	5.77	-29.60	53.10	68.20	15.10	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

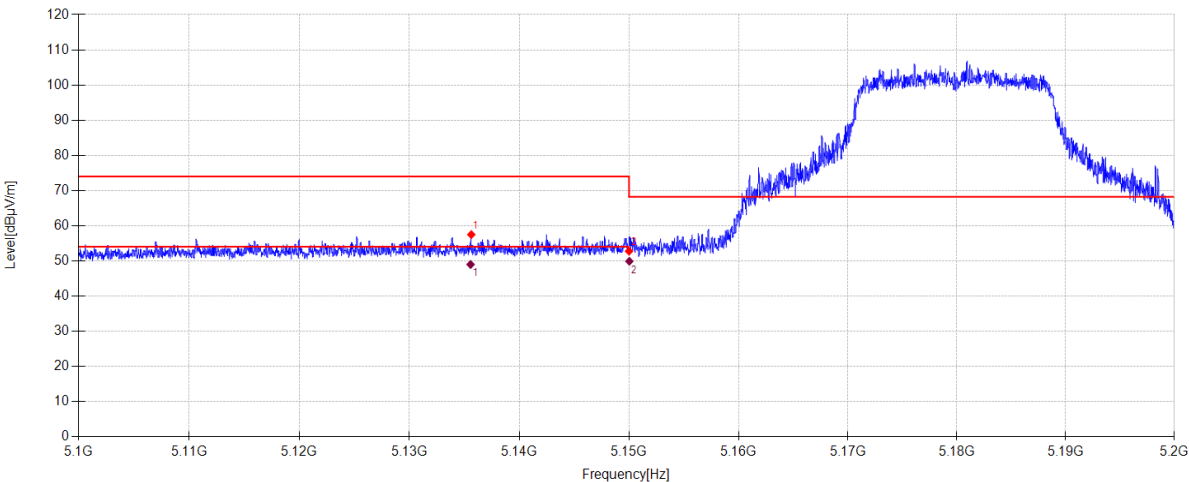
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Memo:

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	5135.630	48.42	33.40	5.27	-29.60	57.49	74.00	16.51	PK	Horizontal
2	5150.000	43.69	33.40	5.28	-29.60	52.77	68.20	15.43	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	5135.564	39.92	33.40	5.27	48.99	54	5.01	AV	Horizontal	
2	5150.032	40.81	33.40	5.28	49.89	54	4.11	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 11N20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

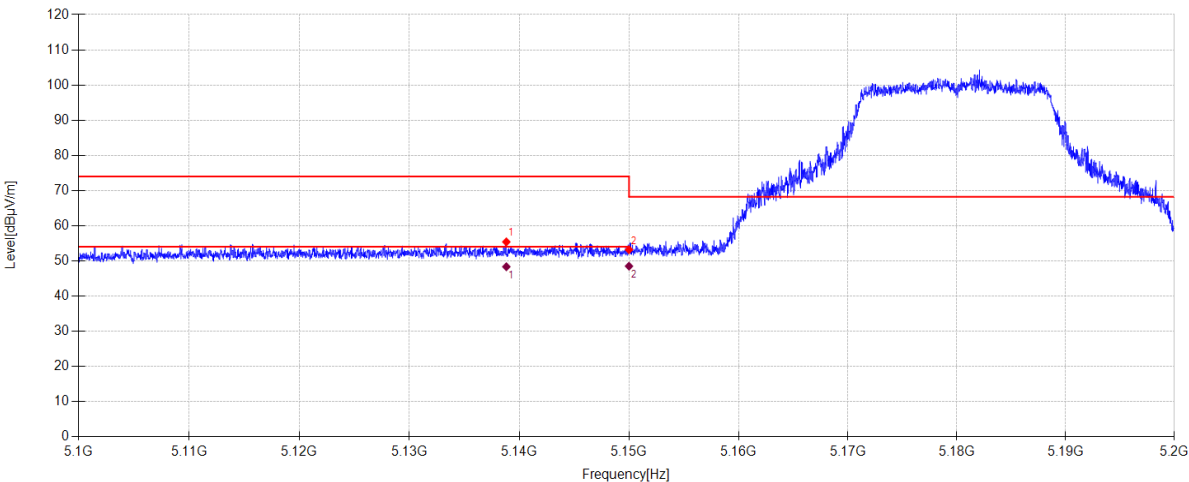
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Memo:

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	5138.820	46.33	33.40	5.27	-29.60	55.40	74.00	18.60	PK	Vertical
2	5150.000	44.10	33.40	5.28	-29.60	53.18	68.20	15.02	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	5138.820	39.28	33.40	5.27	48.35	54	5.65	AV	Vertical
2	5150.000	39.42	33.40	5.28	48.50	54	5.50	AV	Vertical

Note:

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

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

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

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 11N20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

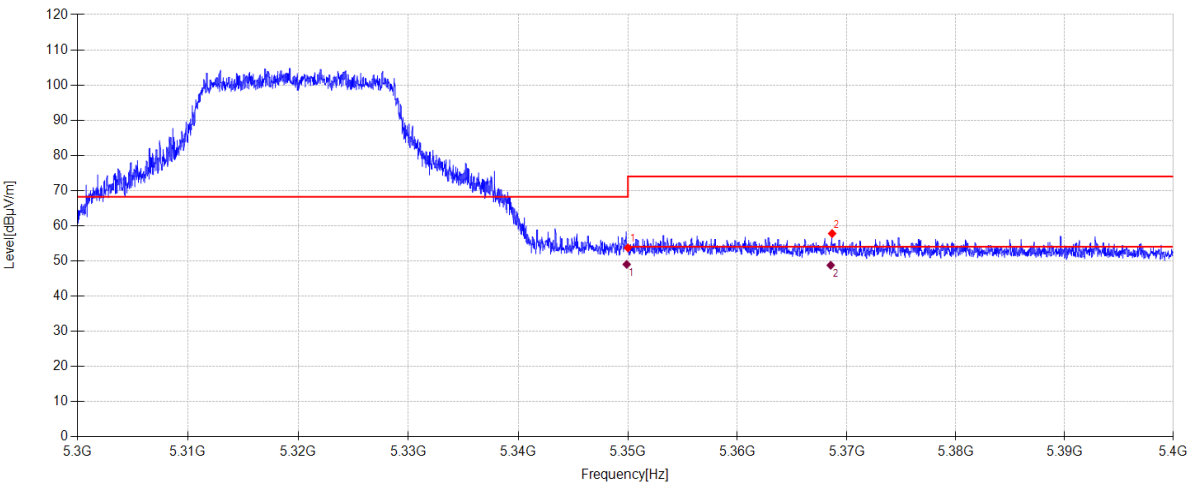
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Memo:

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	44.82	33.10	5.41	-29.60	53.73	68.20	14.47	PK	Horizontal
2	5368.670	48.86	33.10	5.42	-29.60	57.78	74.00	16.22	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	5349.890	40.10	33.10	5.41	49.01	54	4.99	AV	Horizontal	
2	5368.538	39.84	33.10	5.42	48.76	54	5.24	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 11N20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

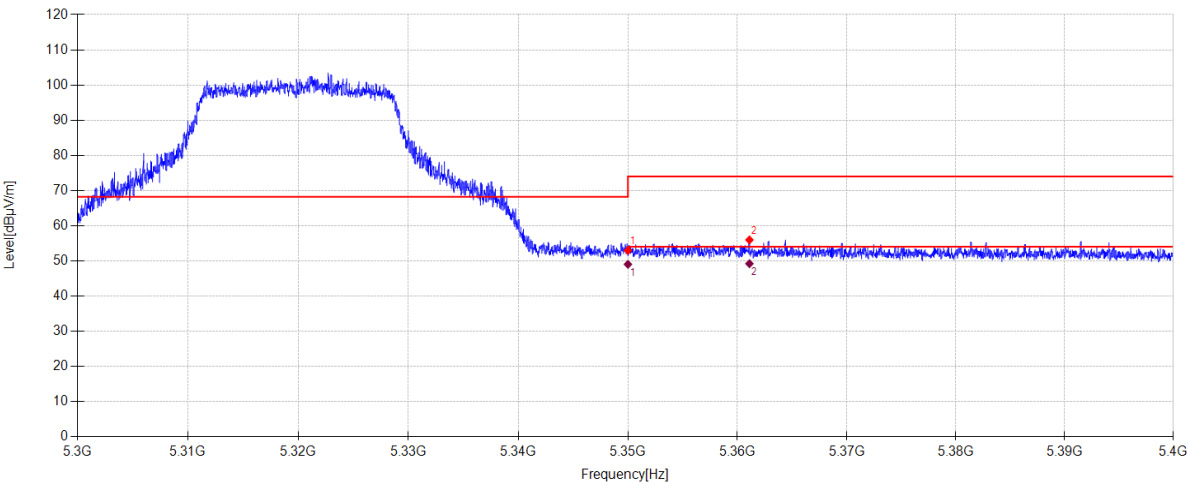
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Memo:

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	44.06	33.10	5.41	-29.60	52.97	68.20	15.23	PK	Vertical
2	5361.100	47.05	33.10	5.42	-29.60	55.97	74.00	18.03	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	40.12	33.10	5.41	49.03	54	4.97	AV	Vertical	
2	5361.100	40.29	33.10	5.42	49.21	54	4.79	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 11N20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

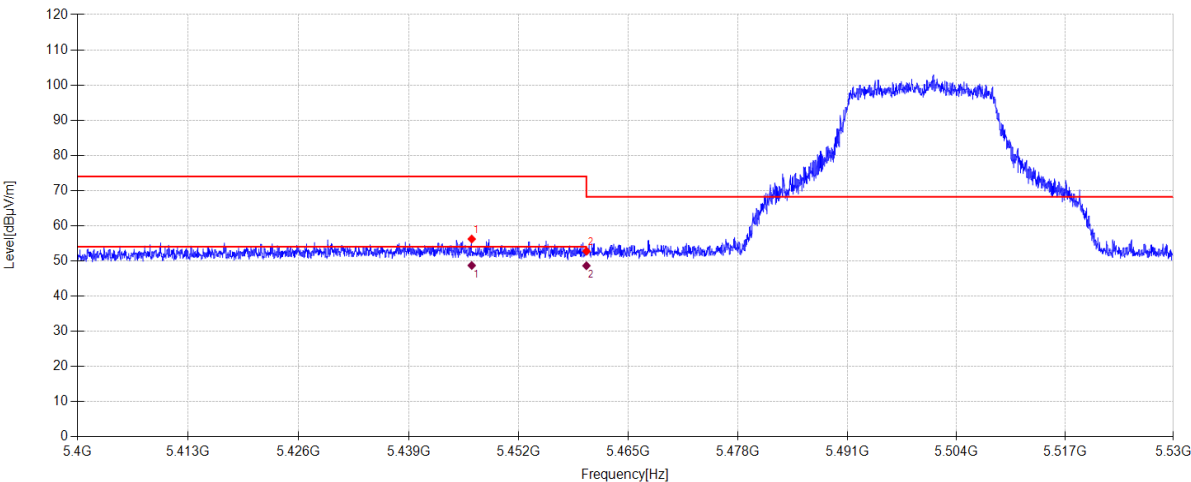
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Memo:

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	5446.423	47.34	33.01	5.47	-29.60	56.22	74.00	17.78	PK	Horizontal
2	5460.000	43.87	33.00	5.48	-29.60	52.75	68.20	15.45	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	5446.423	39.82	33.01	5.47	48.70	54	5.30	AV	Horizontal	
2	5460.000	39.75	33.00	5.48	48.63	54	5.37	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 11N20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

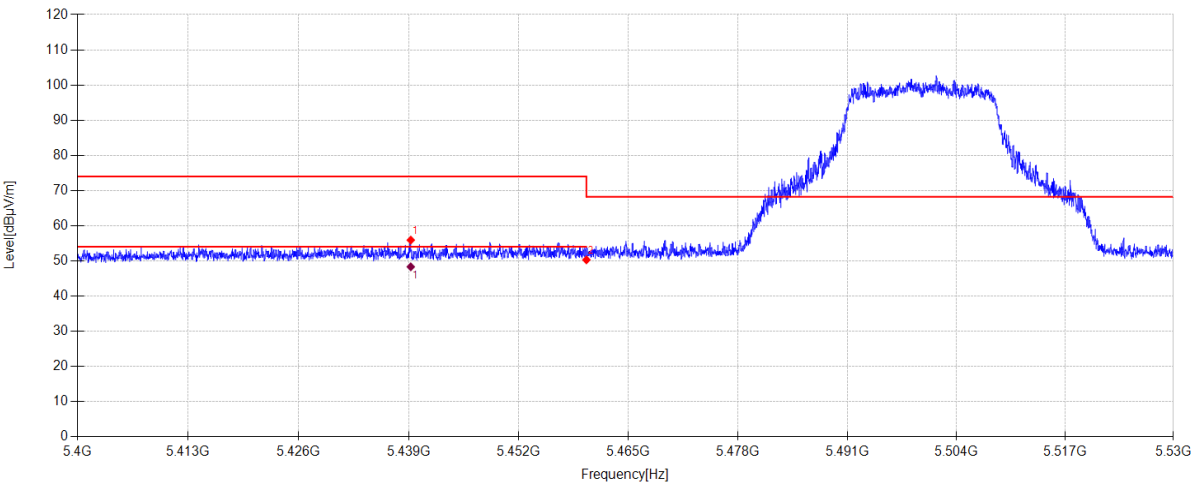
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Memo:

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	5439.221	47.03	33.02	5.47	-29.60	55.92	74.00	18.08	PK	Vertical
2	5460.000	41.42	33.00	5.48	-29.60	50.30	68.20	17.90	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	5439.221	39.43	33.02	5.47	48.32	54	5.68	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 11N20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

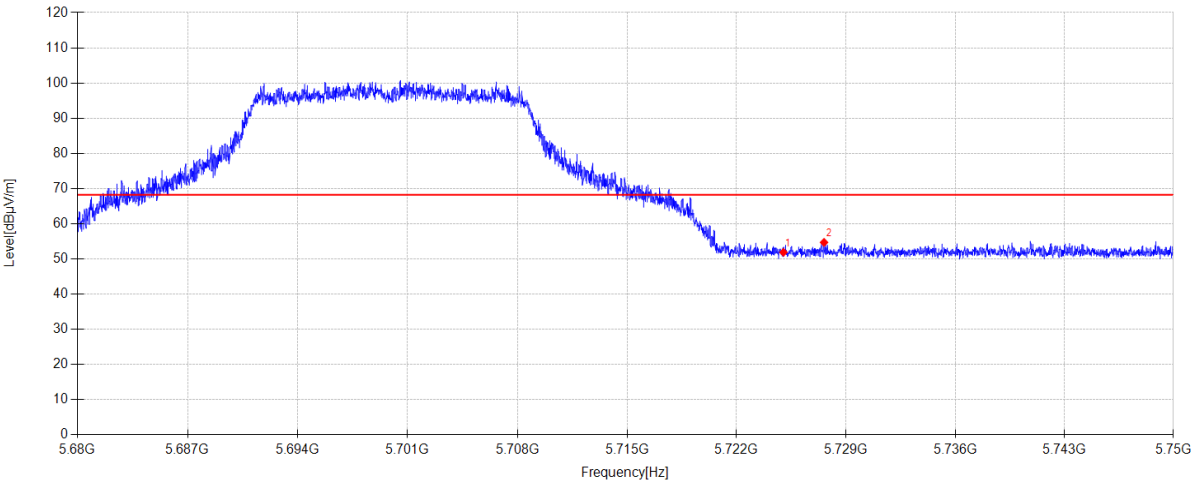
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Memo:

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	42.07	33.75	5.66	-29.60	51.88	68.20	16.32	PK	Horizontal
2	5727.600	44.86	33.77	5.66	-29.60	54.69	68.20	13.51	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 11N20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

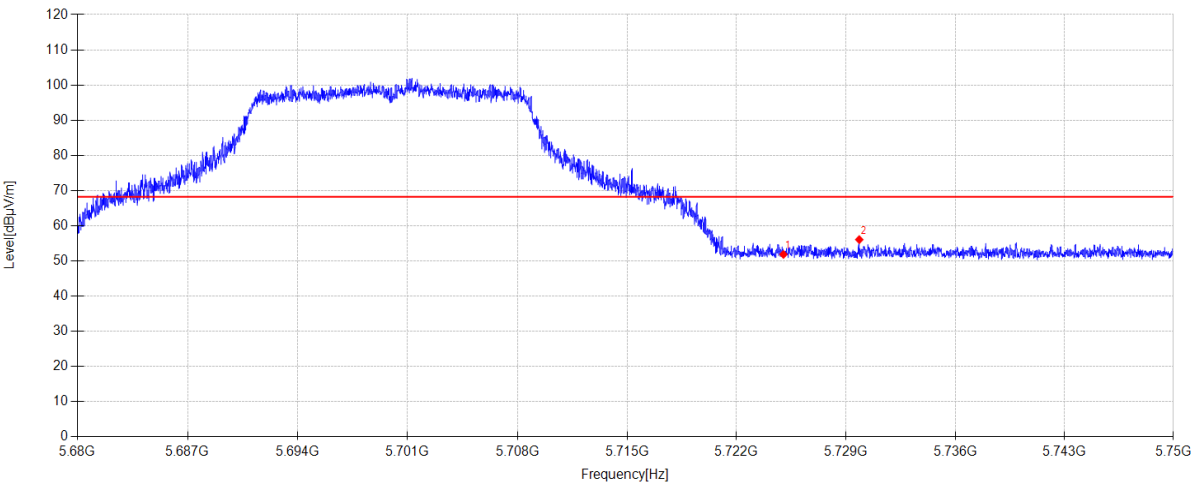
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Memo:

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	42.03	33.75	5.66	-29.60	51.84	68.20	16.36	PK	Vertical
2	5729.854	46.21	33.78	5.66	-29.60	56.05	68.20	12.15	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 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

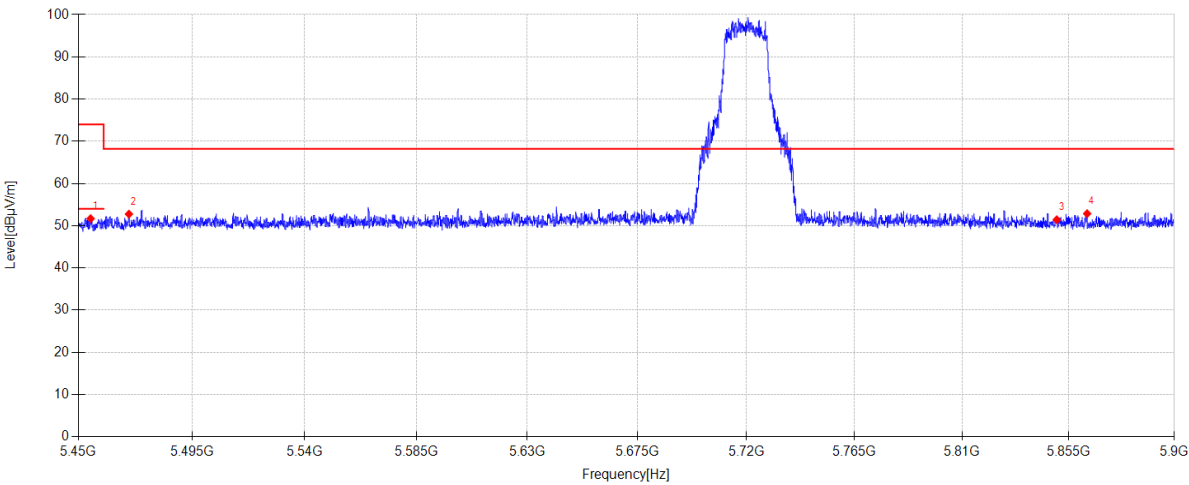
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Memo:

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	5454.860	42.80	33.00	5.48	-29.60	51.68	74.00	22.32	PK	Horizontal
2	5470.000	43.87	33.00	5.49	-29.60	52.76	68.20	15.44	PK	Horizontal
3	5850.000	41.28	34.00	5.74	-29.60	51.42	68.20	16.78	PK	Horizontal
4	5862.875	42.68	34.03	5.75	-29.60	52.86	68.20	15.34	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N20 MIMO 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

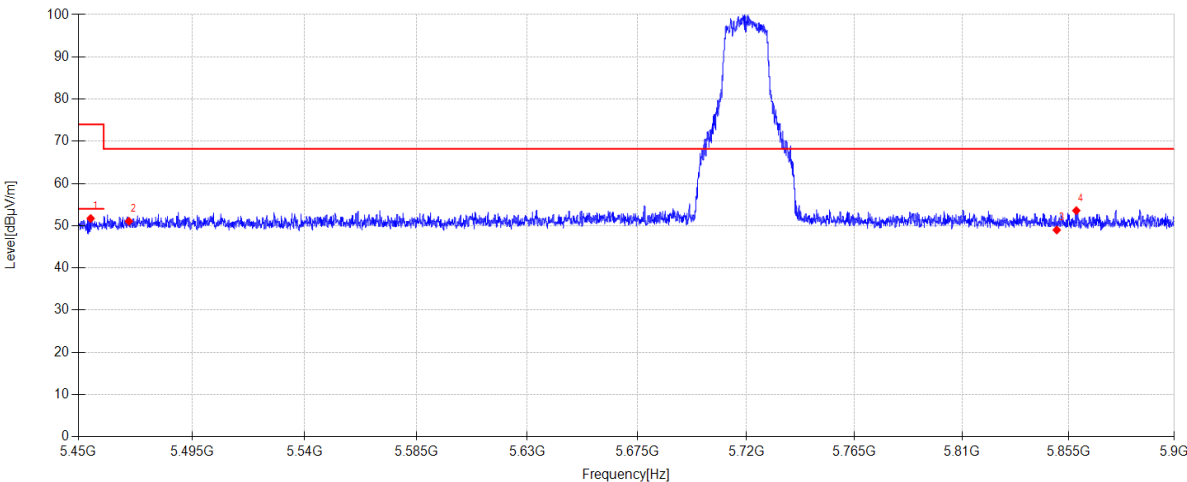
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Memo:

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	5454.860	42.84	33.00	5.48	-29.60	51.72	74.00	22.28	PK	Vertical
2	5470.000	42.16	33.00	5.49	-29.60	51.05	68.20	17.15	PK	Vertical
3	5850.000	38.85	34.00	5.74	-29.60	48.99	68.20	19.21	PK	Vertical
4	5858.285	43.42	34.02	5.75	-29.60	53.59	68.20	14.61	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

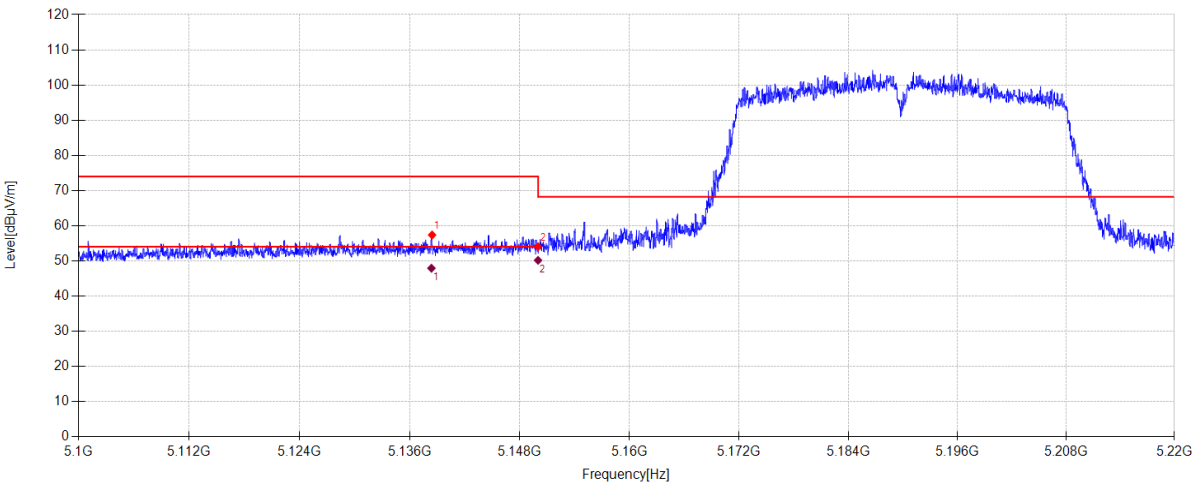
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Memo:

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	5138.424	48.30	33.40	5.27	-29.60	57.37	74.00	16.63	PK	Horizontal
2	5150.000	44.97	33.40	5.28	-29.60	54.05	68.20	14.15	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	5138.357	38.85	33.40	5.27	47.92	54	6.08	AV	Horizontal	
2	5149.996	41.08	33.40	5.28	50.16	54	3.84	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 11N40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

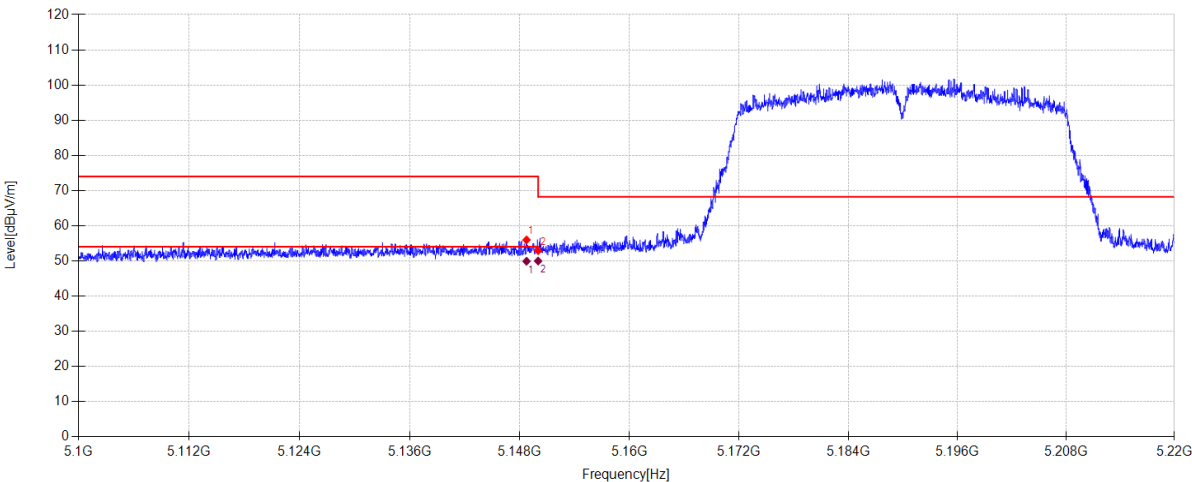
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Memo:

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	5148.732	46.88	33.40	5.28	-29.60	55.96	74.00	18.04	PK	Vertical
2	5150.000	43.84	33.40	5.28	-29.60	52.92	68.20	15.28	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	5148.732	40.82	33.40	5.28	49.90	54	4.10	AV	Vertical	
2	5150.000	40.89	33.40	5.28	49.97	54	4.03	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 11N40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

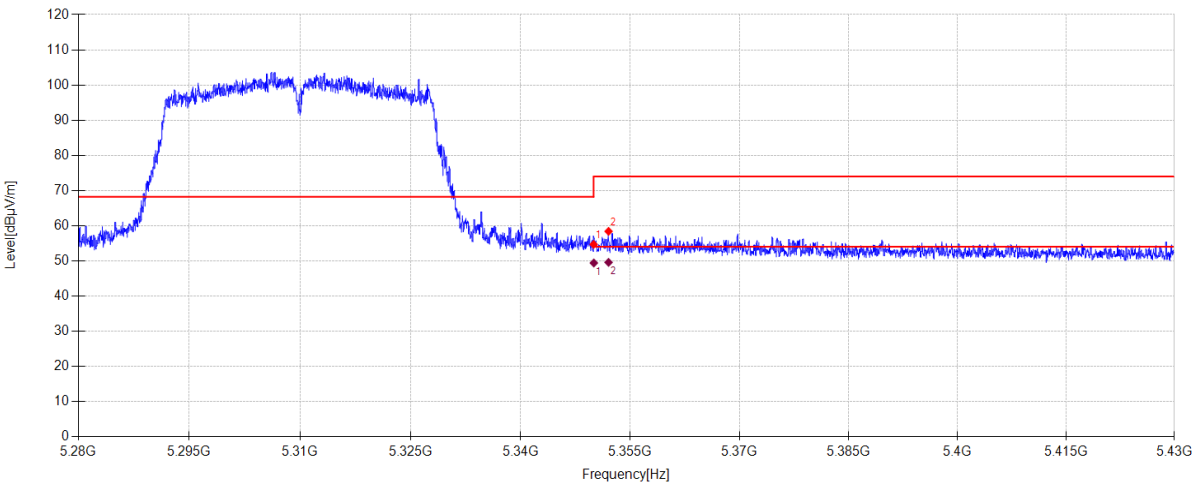
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Memo:

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	45.78	33.10	5.41	-29.60	54.69	68.20	13.51	PK	Horizontal
2	5352.045	49.50	33.10	5.41	-29.60	58.41	74.00	15.59	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	5350.031	40.50	33.10	5.41	49.41	54	4.59	AV	Horizontal	
2	5352.040	40.68	33.10	5.41	49.59	54	4.41	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 11N40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

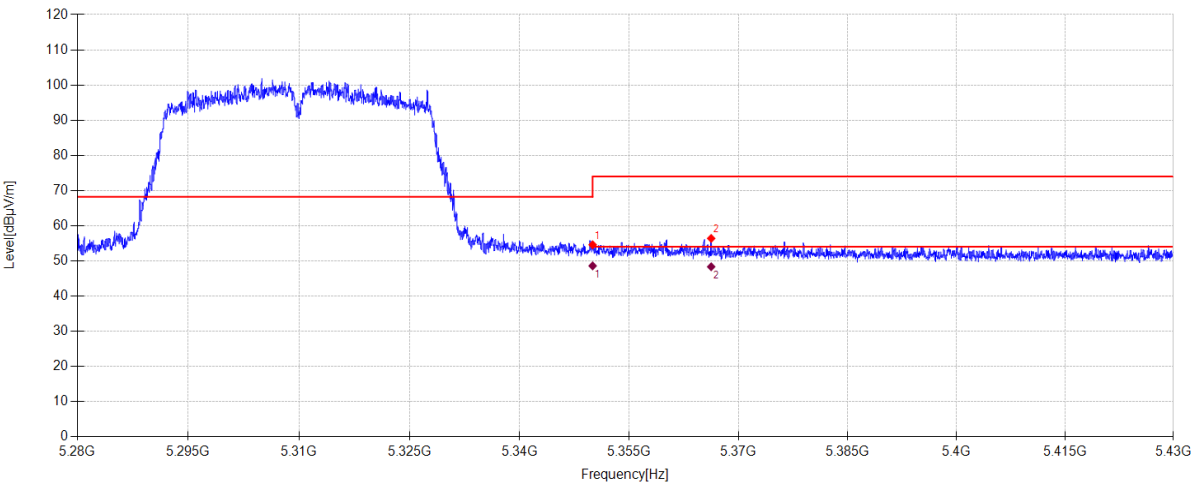
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Memo:

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	45.68	33.10	5.41	-29.60	54.59	68.20	13.61	PK	Vertical
2	5366.235	47.47	33.10	5.42	-29.60	56.39	74.00	17.61	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	39.68	33.10	5.41	48.59	54	5.41	AV	Vertical	
2	5366.235	39.42	33.10	5.42	48.34	54	5.66	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 11N40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

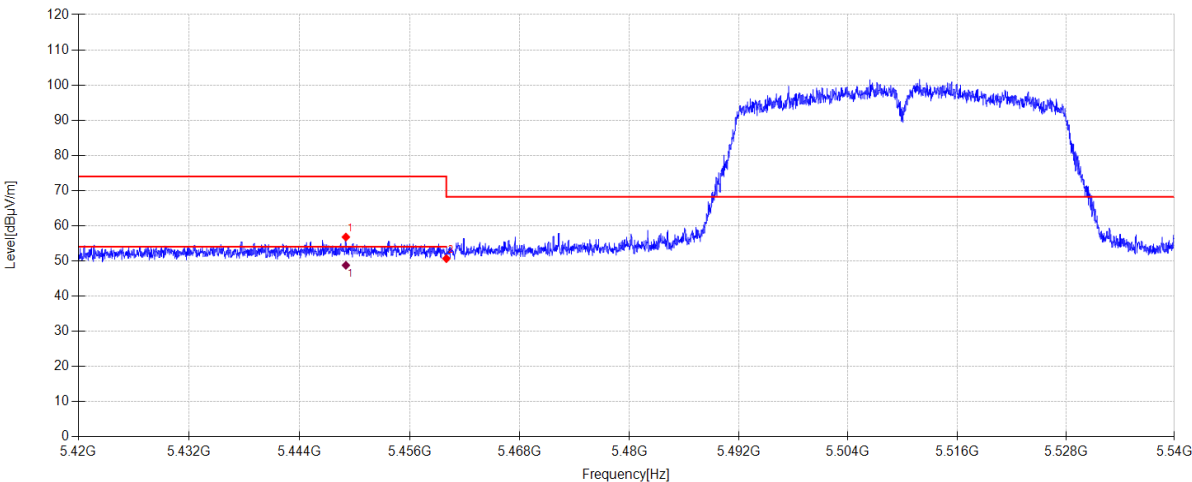
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Memo:

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	5449.052	47.89	33.00	5.48	-29.60	56.77	74.00	17.23	PK	Horizontal
2	5460.000	41.78	33.00	5.48	-29.60	50.66	68.20	17.54	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	5449.052	39.88	33.00	5.48	48.76	54	5.24	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 11N40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

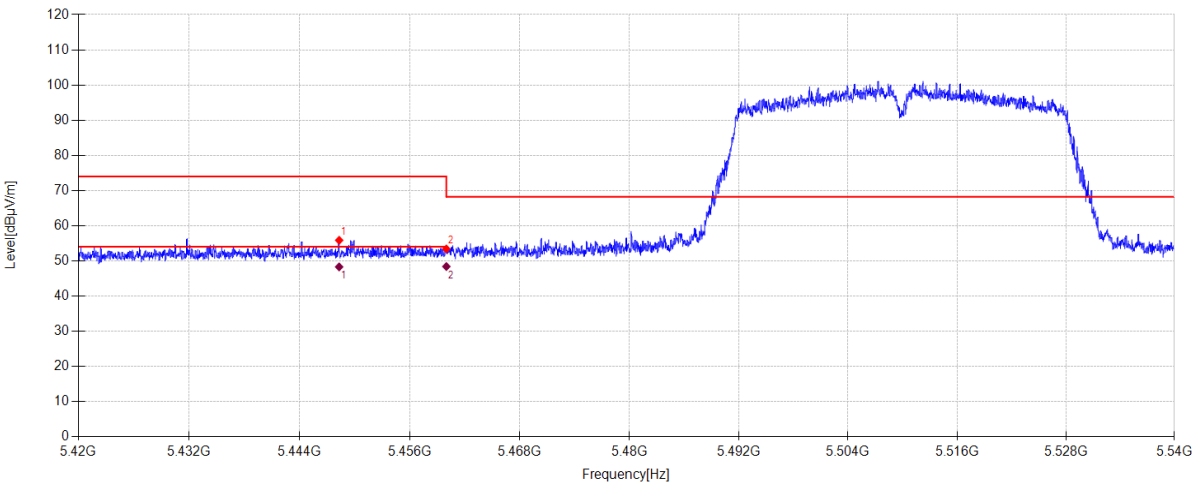
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d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\32

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	5448.320	46.99	33.00	5.48	-29.60	55.87	74.00	18.13	PK	Vertical
2	5460.000	44.53	33.00	5.48	-29.60	53.41	68.20	14.79	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	5448.320	39.42	33.00	5.48	48.30	54	5.70	AV	Vertical	
2	5460.000	39.53	33.00	5.48	48.41	54	5.59	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

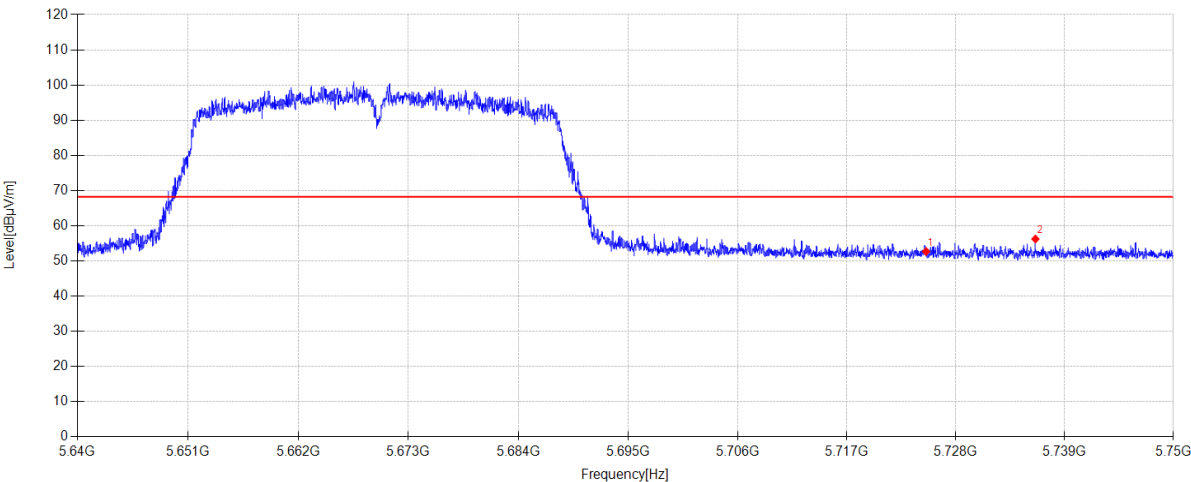
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d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\33

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	42.87	33.75	5.66	-29.60	52.68	68.20	15.52	PK	Horizontal
2	5736.041	46.34	33.82	5.67	-29.60	56.23	68.20	11.97	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:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

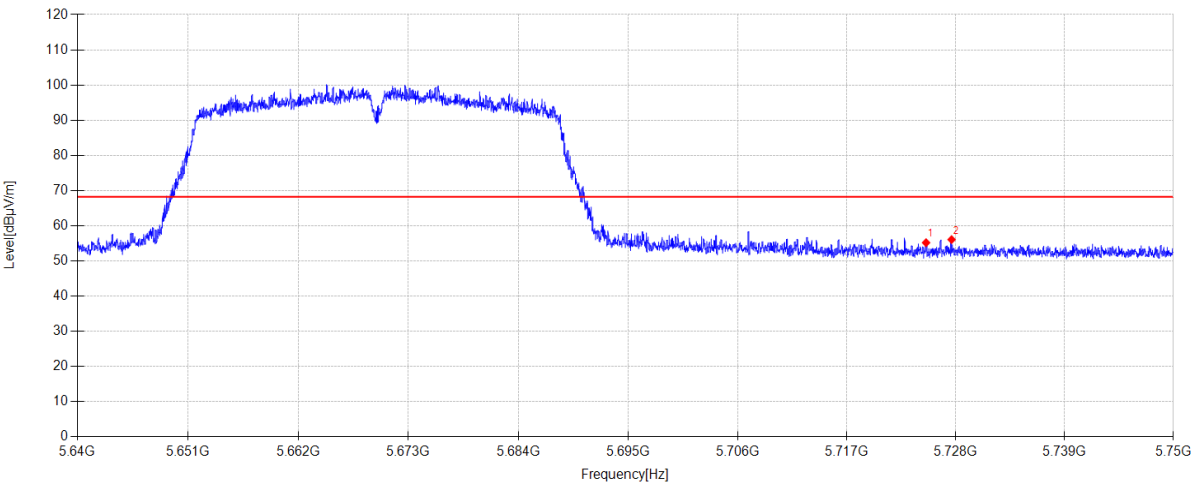
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\34

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	45.37	33.75	5.66	-29.60	55.18	68.20	13.02	PK	Vertical
2	5727.571	46.23	33.77	5.66	-29.60	56.06	68.20	12.14	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 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

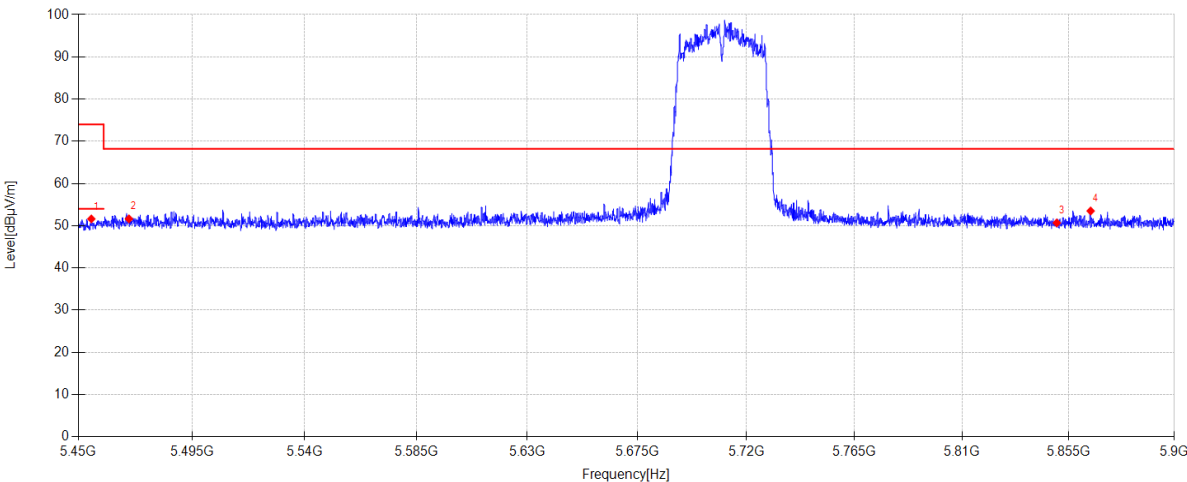
File Path:

d:\ts\2024 report data\BAR 1300\kuayue\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	5455.130	42.73	33.00	5.48	-29.60	51.61	74.00	22.39	PK	Horizontal
2	5470.000	42.74	33.00	5.49	-29.60	51.63	68.20	16.57	PK	Horizontal
3	5850.000	40.53	34.00	5.74	-29.60	50.67	68.20	17.53	PK	Horizontal
4	5864.360	43.32	34.03	5.75	-29.60	53.50	68.20	14.70	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11N40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

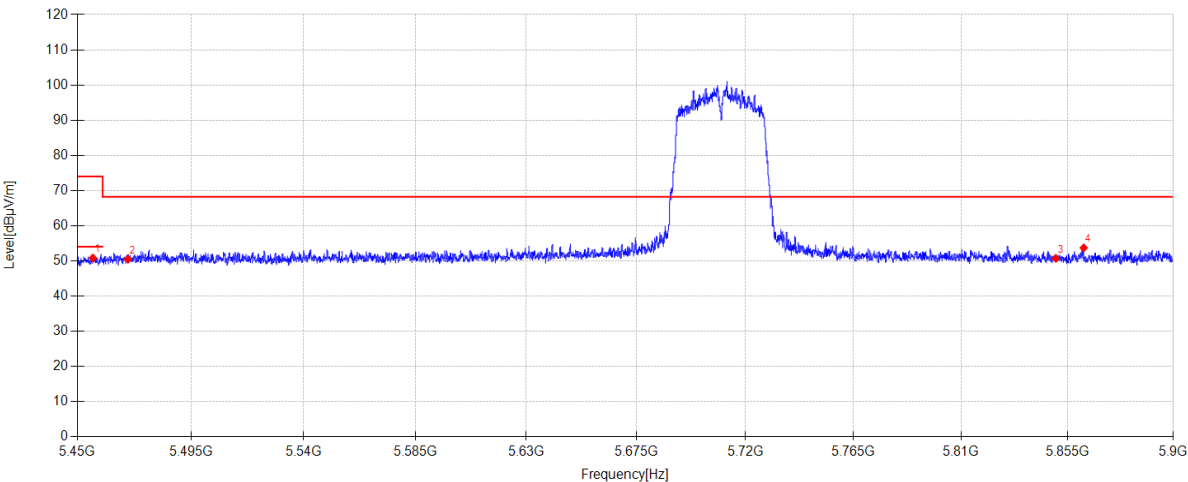
File Path:

d:\ts\2024 report data\BAR 1300\kuayue\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	5456.120	41.95	33.00	5.48	-29.60	50.83	74.00	23.17	PK	Vertical
2	5470.000	41.59	33.00	5.49	-29.60	50.48	68.20	17.72	PK	Vertical
3	5850.000	40.60	34.00	5.74	-29.60	50.74	68.20	17.46	PK	Vertical
4	5861.840	43.55	34.02	5.75	-29.60	53.72	68.20	14.48	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:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

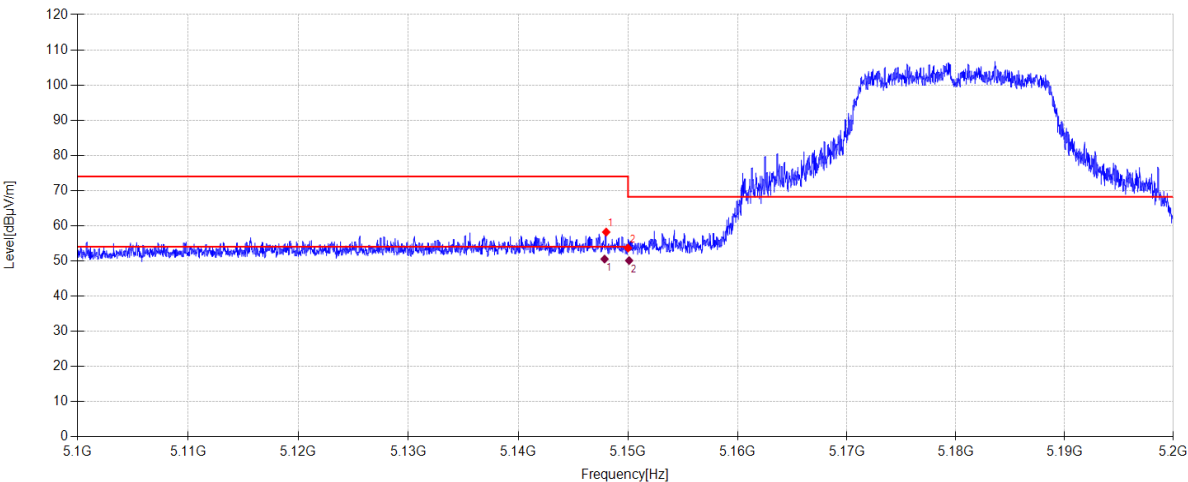
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d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\35

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	5148.010	49.12	33.40	5.28	-29.60	58.20	74.00	15.80	PK	Horizontal
2	5150.000	44.57	33.40	5.28	-29.60	53.65	68.20	14.55	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	5147.865	41.44	33.40	5.28	50.52	54	3.48	AV	Horizontal
2	5150.103	41.02	33.40	5.28	50.10	54	3.90	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 11AC20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

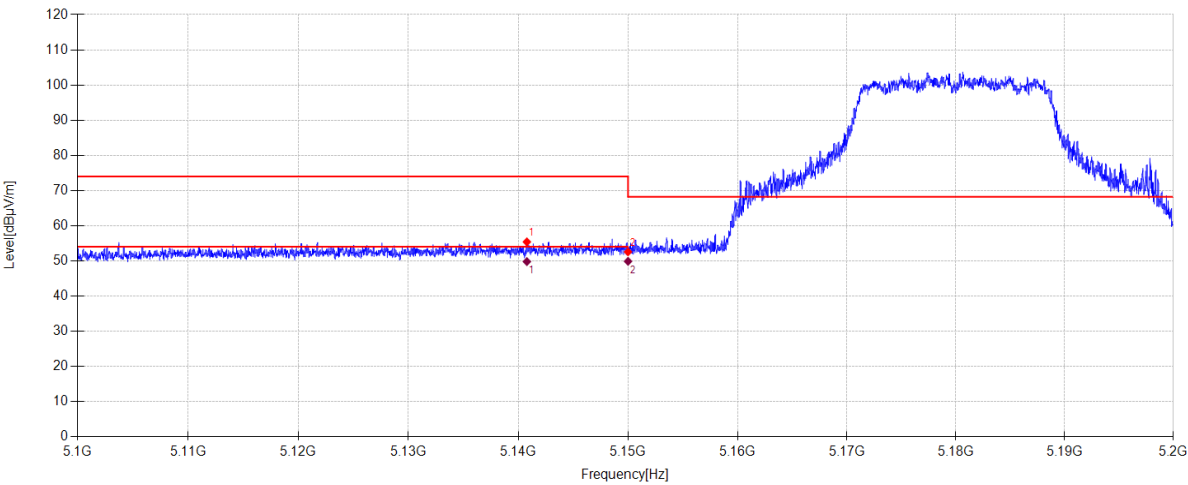
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Memo:

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	5140.780	46.34	33.40	5.27	-29.60	55.41	74.00	18.59	PK	Vertical
2	5150.000	43.49	33.40	5.28	-29.60	52.57	68.20	15.63	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.780	40.73	33.40	5.27	49.80	54	4.20	AV	Vertical
2	5150.000	40.80	33.40	5.28	49.88	54	4.12	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 11AC20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

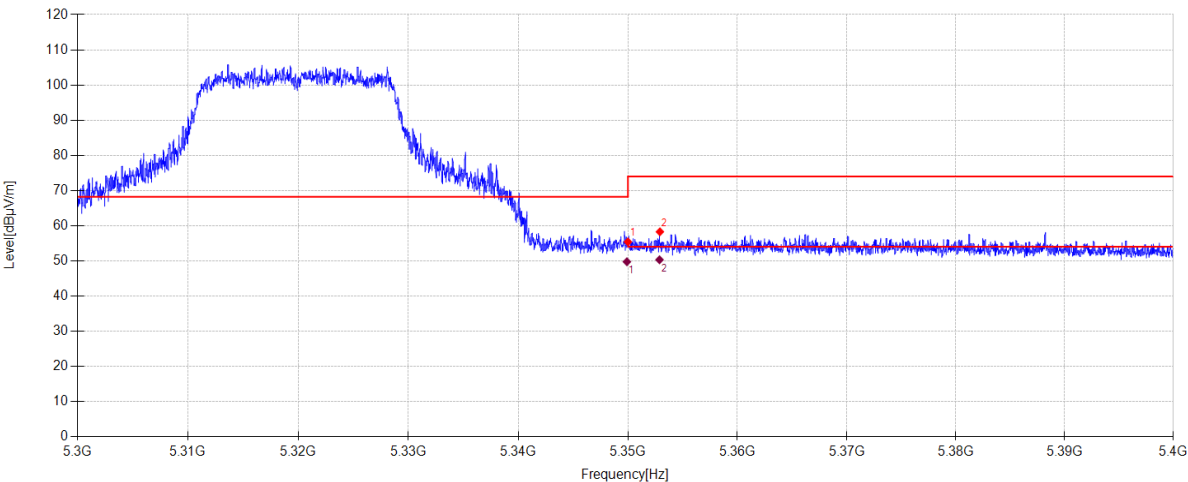
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Memo:

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	46.51	33.10	5.41	-29.60	55.42	68.20	12.78	PK	Horizontal
2	5352.920	49.37	33.10	5.41	-29.60	58.28	74.00	15.72	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	5349.907	40.85	33.10	5.41	49.76	54	4.24	AV	Horizontal	
2	5352.886	41.41	33.10	5.41	50.32	54	3.68	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 11AC20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

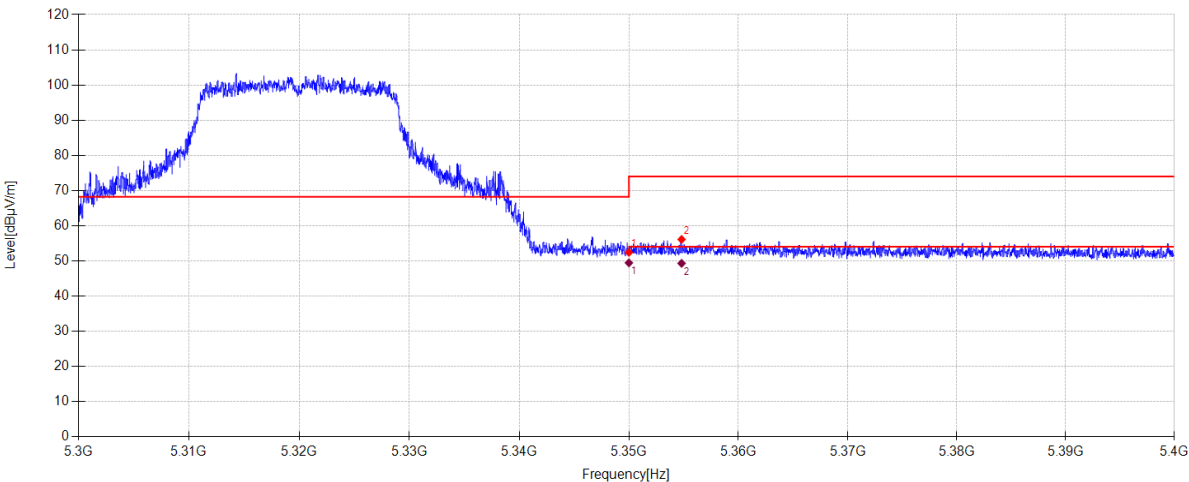
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Memo:

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	43.52	33.10	5.41	-29.60	52.43	68.20	15.77	PK	Vertical
2	5354.810	47.19	33.10	5.41	-29.60	56.10	74.00	17.90	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	40.54	33.10	5.41	49.45	54	4.55	AV	Vertical	
2	5354.810	40.39	33.10	5.41	49.30	54	4.70	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 11AC20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

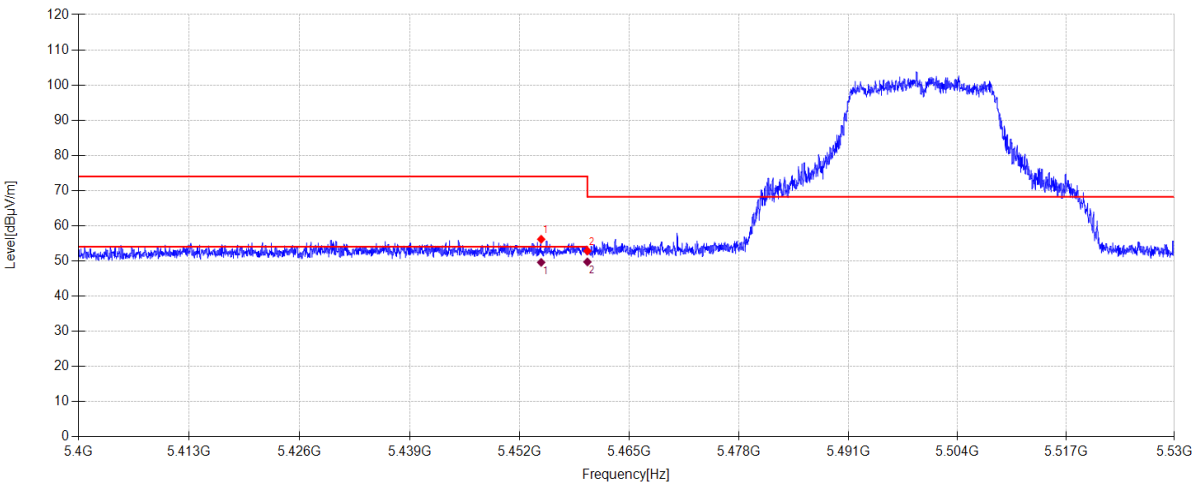
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Memo:

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	5454.522	47.27	33.00	5.48	-29.60	56.15	74.00	17.85	PK	Horizontal
2	5460.000	43.94	33.00	5.48	-29.60	52.82	68.20	15.38	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	5454.522	40.69	33.00	5.48	49.57	54	4.43	AV	Horizontal	
2	5460.000	40.83	33.00	5.48	49.71	54	4.29	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 11AC20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

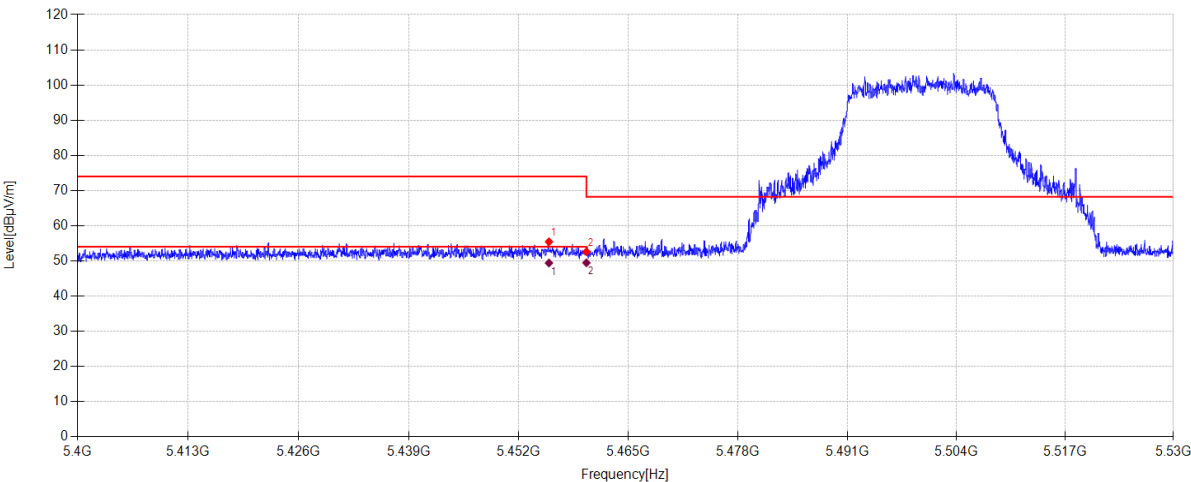
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Memo:

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	5455.562	46.57	33.00	5.48	-29.60	55.45	74.00	18.55	PK	Vertical
2	5460.000	43.73	33.00	5.48	-29.60	52.61	68.20	15.59	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	5455.562	40.52	33.00	5.48	49.40	54	4.60	AV	Vertical	
2	5460.000	40.58	33.00	5.48	49.46	54	4.54	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 11AC20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

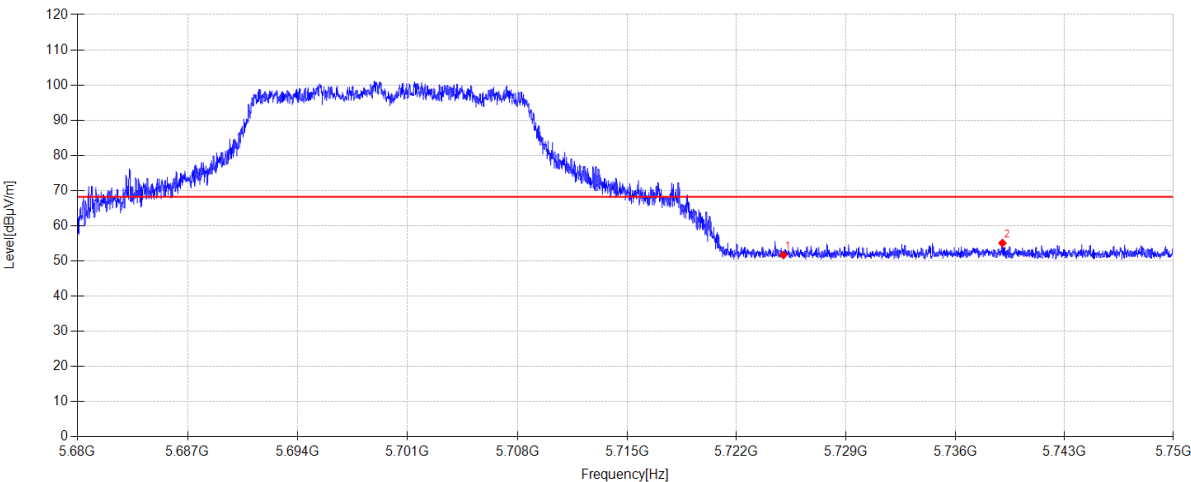
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d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\41

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	5725.000	41.88	33.75	5.66	-29.60	51.69	68.20	16.51	PK	Horizontal
2	5739.031	45.16	33.83	5.67	-29.60	55.06	68.20	13.14	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

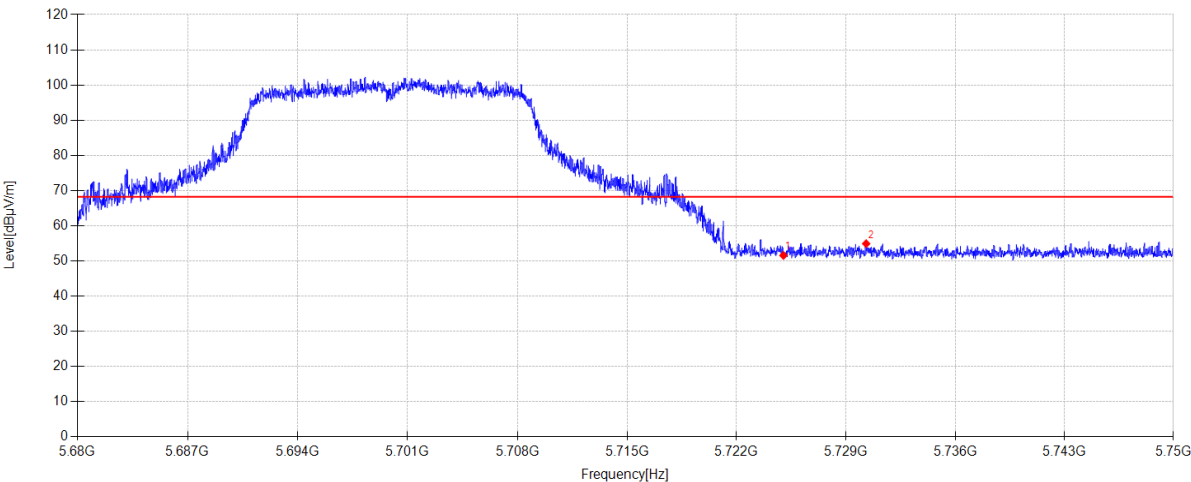
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Memo:

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	41.74	33.75	5.66	-29.60	51.55	68.20	16.65	PK	Vertical
2	5730.295	45.06	33.78	5.66	-29.60	54.90	68.20	13.30	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:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC20 MIMO 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

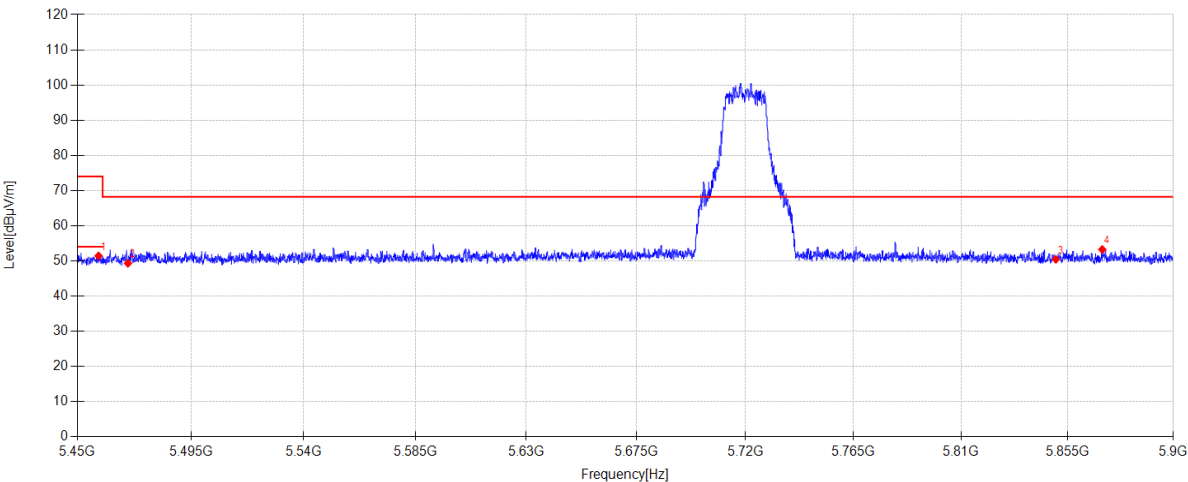
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d:\ts\2024 report data\BAR 1300\kuayue\9

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	5458.370	42.54	33.00	5.48	-29.60	51.42	74.00	22.58	PK	Horizontal
2	5470.000	40.43	33.00	5.49	-29.60	49.32	68.20	18.88	PK	Horizontal
3	5850.000	40.32	34.00	5.74	-29.60	50.46	68.20	17.74	PK	Horizontal
4	5869.715	43.06	34.04	5.75	-29.60	53.25	68.20	14.95	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 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

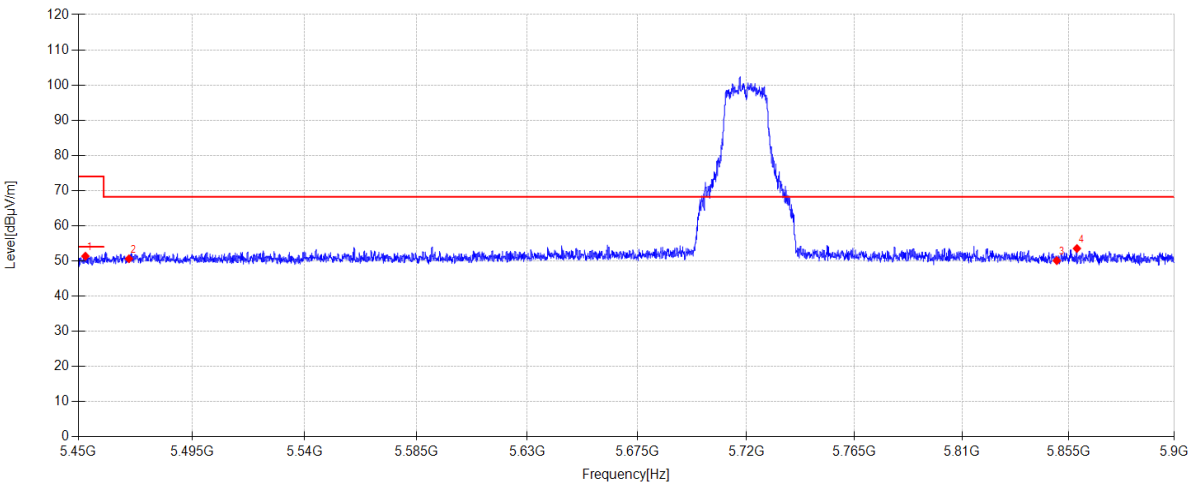
File Path:

d:\ts\2024 report data\BAR 1300\kuayue\10

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	5452.790	42.47	33.00	5.48	-29.60	51.35	74.00	22.65	PK	Vertical
2	5470.000	41.72	33.00	5.49	-29.60	50.61	68.20	17.59	PK	Vertical
3	5850.000	39.94	34.00	5.74	-29.60	50.08	68.20	18.12	PK	Vertical
4	5858.555	43.36	34.02	5.75	-29.60	53.53	68.20	14.67	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.