

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 11AC40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

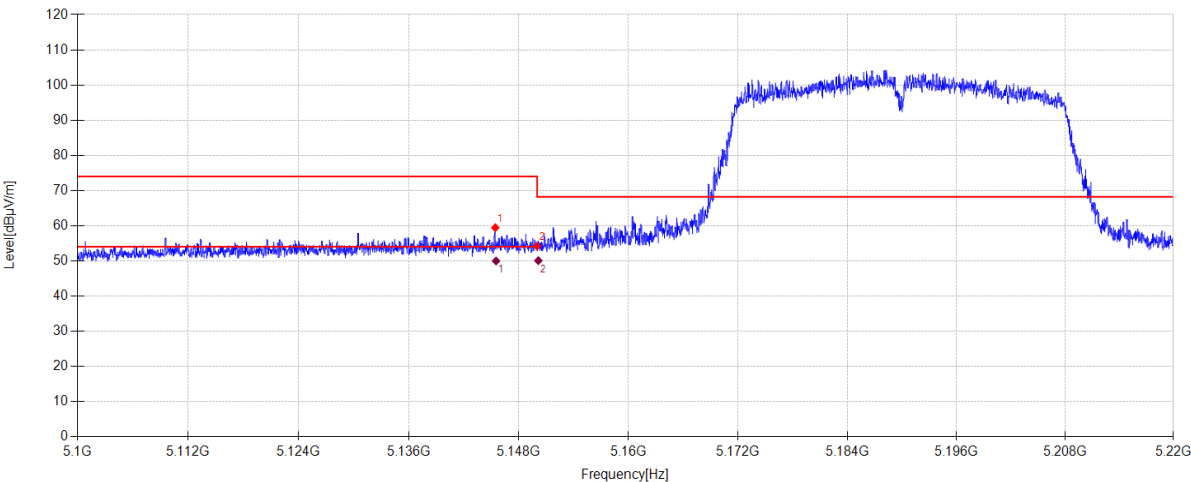
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Memo:

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	5145.432	50.38	33.40	5.28	-29.60	59.46	74.00	14.54	PK	Horizontal
2	5150.000	45.10	33.40	5.28	-29.60	54.18	68.20	14.02	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	5145.514	40.90	33.40	5.28	49.98	54	4.02	AV	Horizontal
2	5150.135	41.00	33.40	5.28	50.08	54	3.92	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 11AC40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

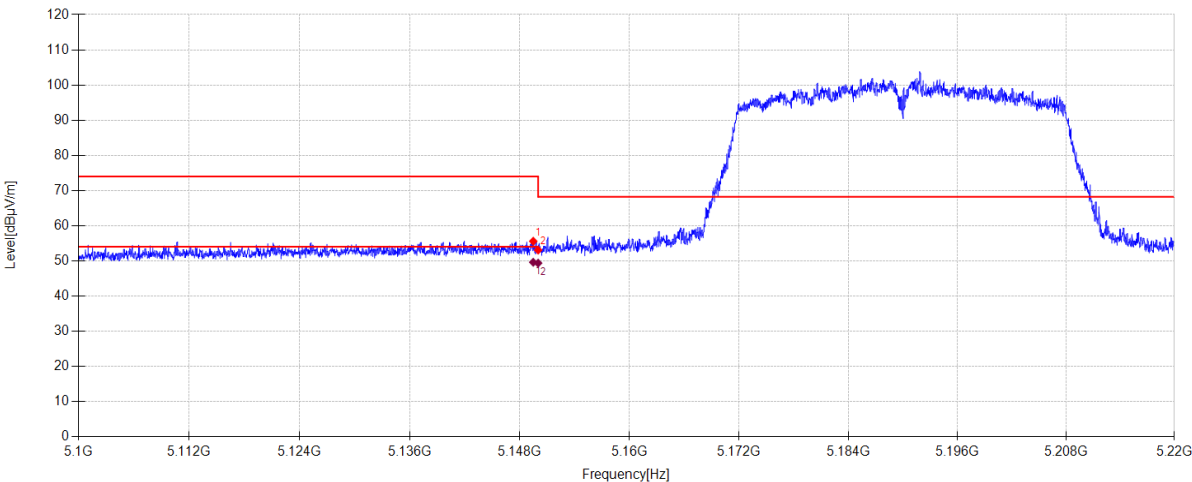
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Memo:

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	5149.464	46.51	33.40	5.28	-29.60	55.59	74.00	18.41	PK	Vertical
2	5150.000	44.00	33.40	5.28	-29.60	53.08	68.20	15.12	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	5149.464	40.54	33.40	5.28	49.62	54	4.38	AV	Vertical	
2	5150.000	40.29	33.40	5.28	49.37	54	4.63	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 11AC40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

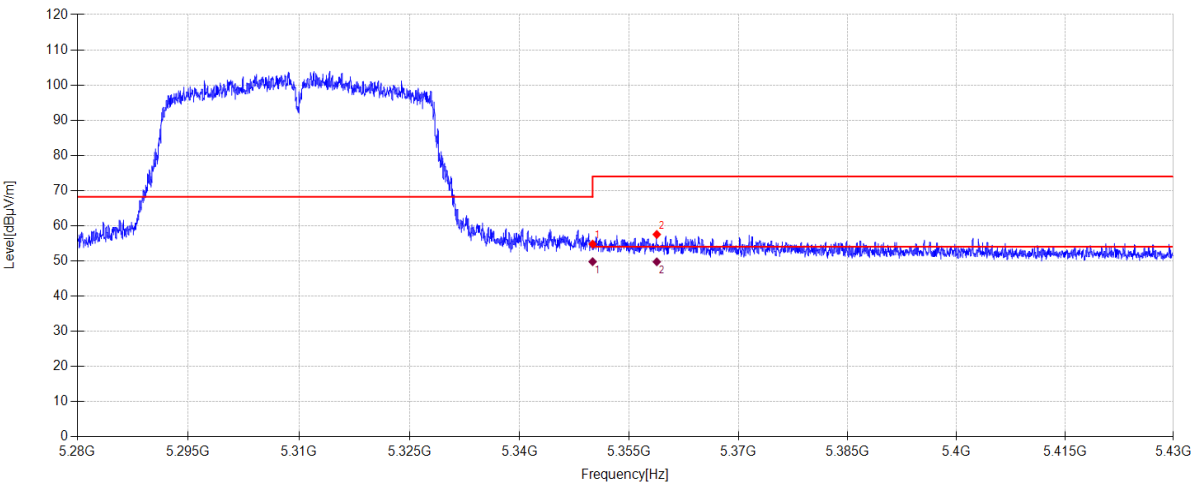
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Memo:

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	45.87	33.10	5.41	-29.60	54.78	68.20	13.42	PK	Horizontal
2	5358.780	48.61	33.10	5.42	-29.60	57.53	74.00	16.47	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	40.86	33.10	5.41	49.77	54	4.23	AV	Horizontal	
2	5358.780	40.83	33.10	5.42	49.75	54	4.25	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 11AC40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

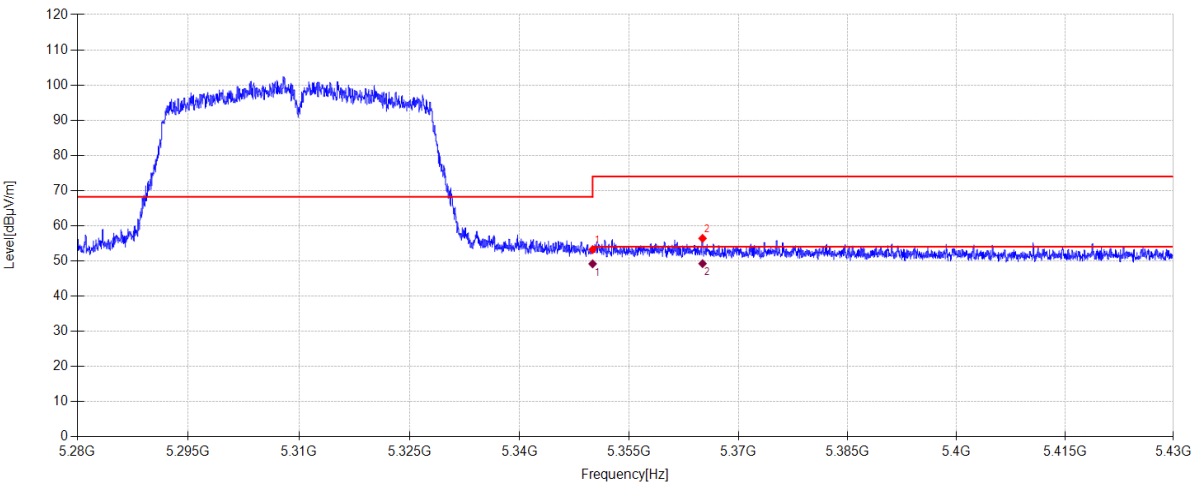
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Memo:

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	44.31	33.10	5.41	-29.60	53.22	68.20	14.98	PK	Vertical
2	5365.050	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	40.26	33.10	5.41	49.17	54	4.83	AV	Vertical	
2	5365.050	40.31	33.10	5.42	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 11AC40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

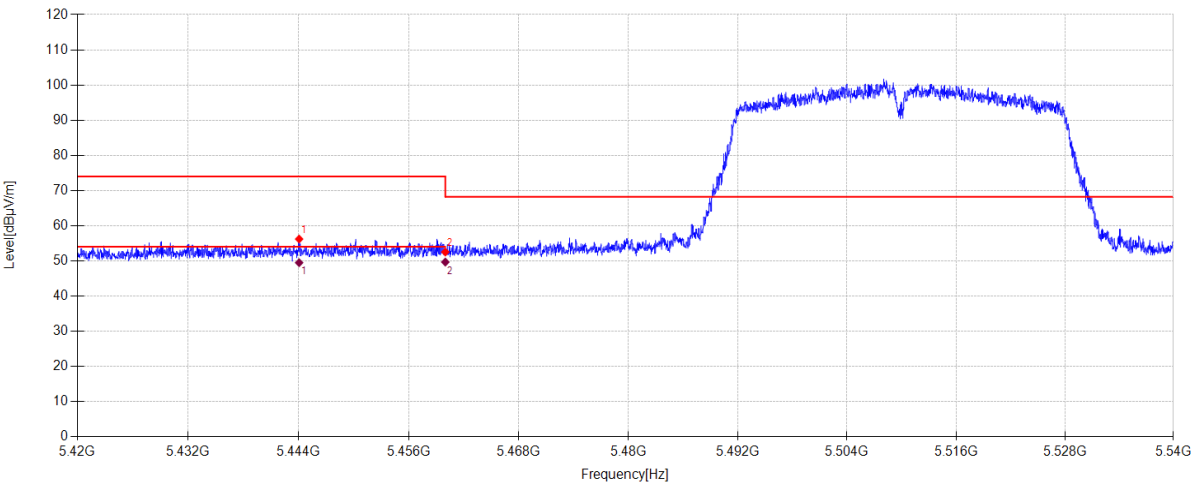
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Memo:

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	5444.072	47.33	33.01	5.47	-29.60	56.21	74.00	17.79	PK	Horizontal
2	5460.000	43.65	33.00	5.48	-29.60	52.53	68.20	15.67	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	5444.072	40.61	33.01	5.47	49.49	54	4.51	AV	Horizontal	
2	5460.000	40.79	33.00	5.48	49.67	54	4.33	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 11AC40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

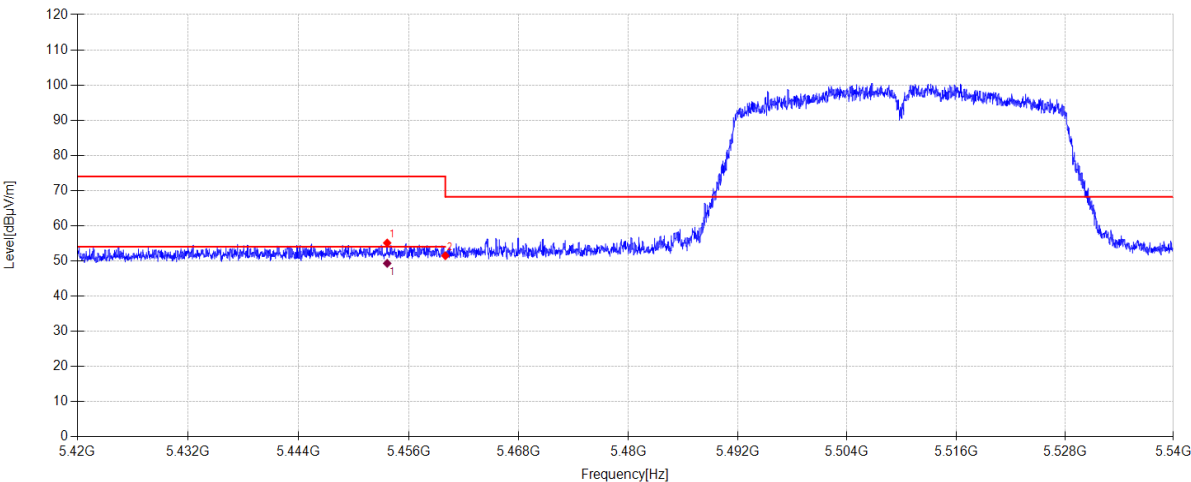
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Memo:

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	5453.660	46.23	33.00	5.48	-29.60	55.11	74.00	18.89	PK	Vertical
2	5460.000	42.59	33.00	5.48	-29.60	51.47	68.20	16.73	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	5453.660	40.43	33.00	5.48	49.31	54	4.69	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 11AC40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

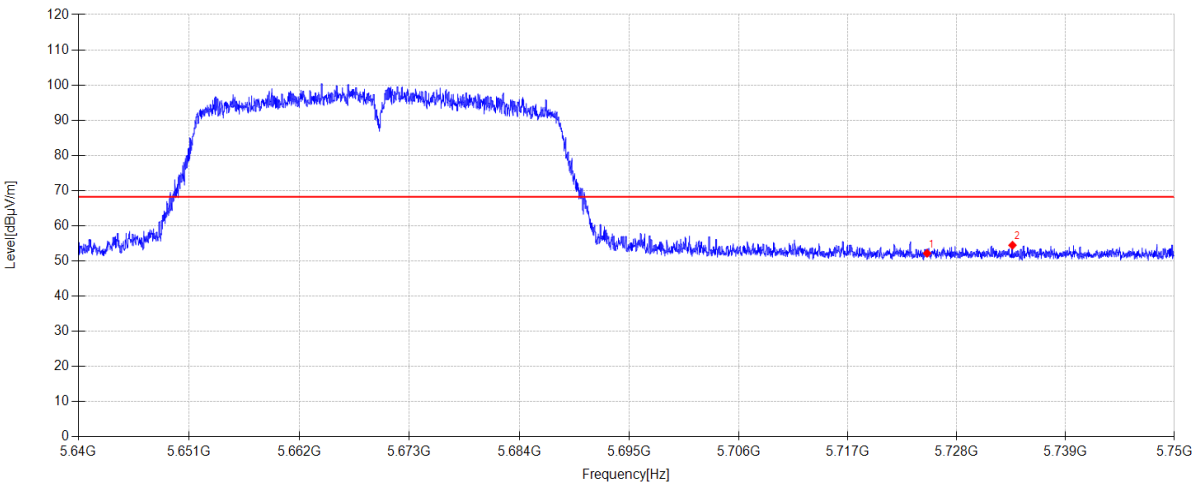
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Memo:

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	42.35	33.75	5.66	-29.60	52.16	68.20	16.04	PK	Horizontal
2	5733.621	44.60	33.80	5.66	-29.60	54.46	68.20	13.74	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

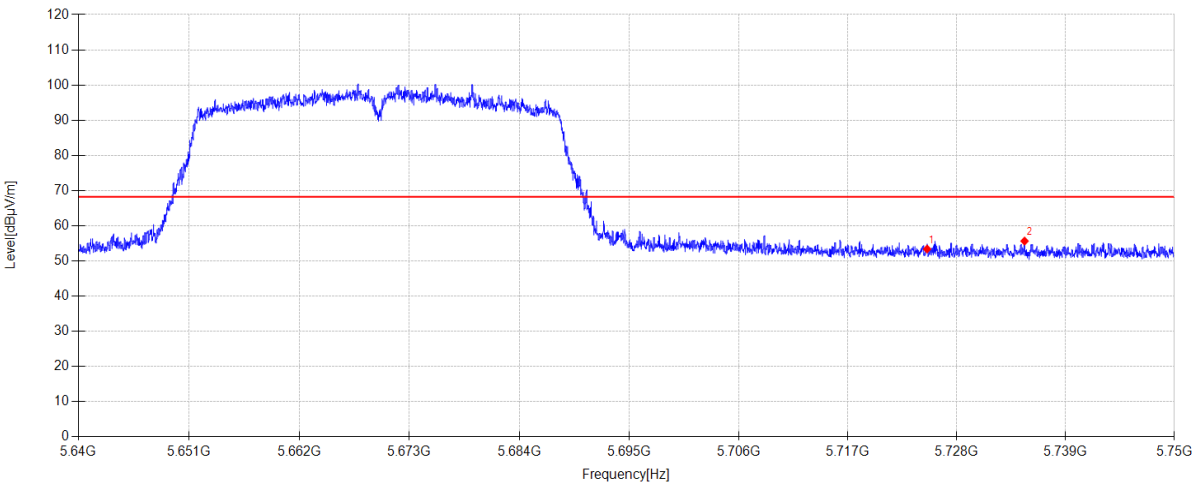
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Memo:

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	43.56	33.75	5.66	-29.60	53.37	68.20	14.83	PK	Vertical
2	5734.842	45.77	33.81	5.66	-29.60	55.64	68.20	12.56	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

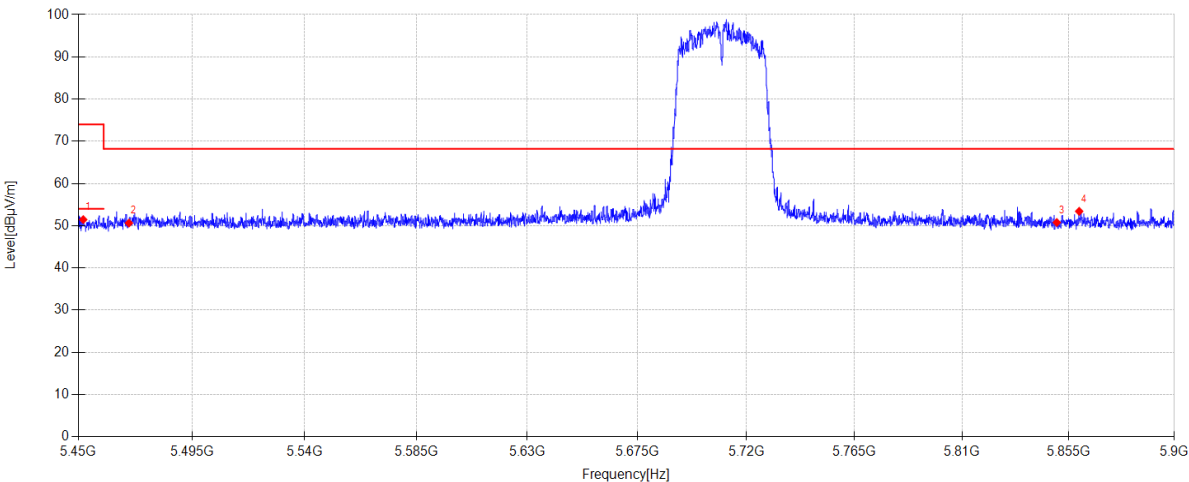
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Memo:

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	5451.935	42.57	33.00	5.48	-29.60	51.45	74.00	22.55	PK	Horizontal
2	5470.000	41.73	33.00	5.49	-29.60	50.62	68.20	17.58	PK	Horizontal
3	5850.000	40.64	34.00	5.74	-29.60	50.78	68.20	17.42	PK	Horizontal
4	5859.500	43.25	34.02	5.75	-29.60	53.42	68.20	14.78	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 11AC40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

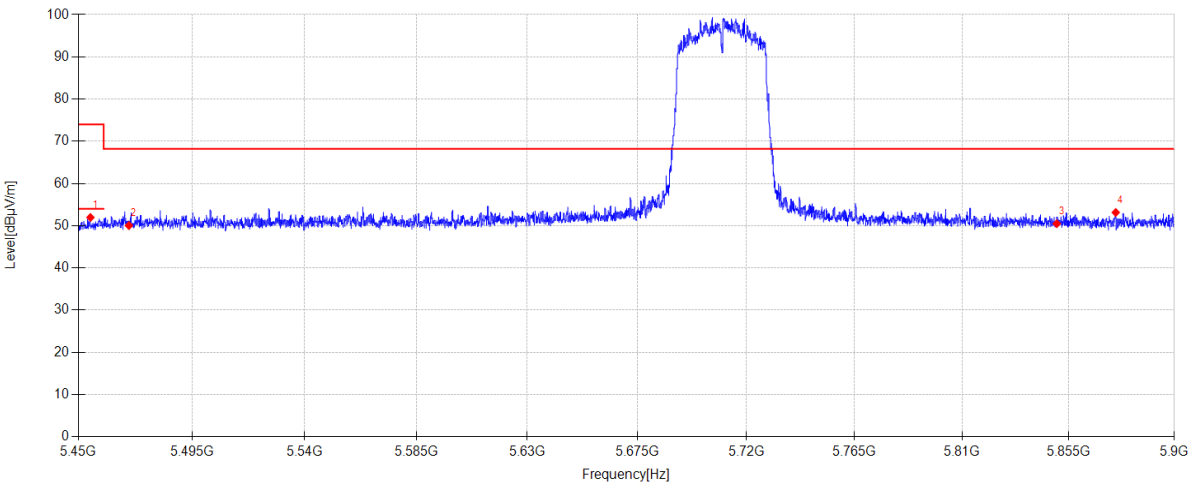
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Memo:

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	5454.770	43.08	33.00	5.48	-29.60	51.96	74.00	22.04	PK	Vertical
2	5470.000	41.14	33.00	5.49	-29.60	50.03	68.20	18.17	PK	Vertical
3	5850.000	40.34	34.00	5.74	-29.60	50.48	68.20	17.72	PK	Vertical
4	5875.025	42.93	34.05	5.76	-29.60	53.14	68.20	15.06	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC80 MIMO 5210 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

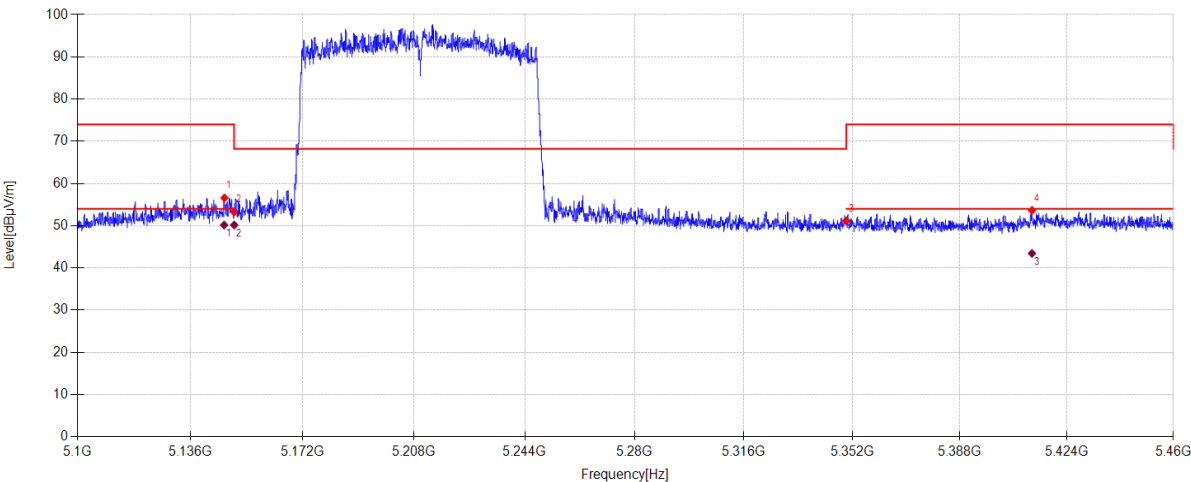
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Memo:

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	5146.908	47.52	33.40	5.28	-29.60	56.60	74.00	17.40	PK	Horizontal
2	5150.000	44.18	33.40	5.28	-29.60	53.26	68.20	14.94	PK	Horizontal
3	5350.000	42.27	33.10	5.41	-29.60	51.18	68.20	17.02	PK	Horizontal
4	5412.192	44.71	33.08	5.45	-29.60	53.64	74.00	20.36	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	5146.799	41.08	33.40	5.28	50.16	54	3.84	AV	Horizontal
2	5150.048	41.09	33.40	5.28	50.17	54	3.83	AV	Horizontal
3	5412.175	34.52	33.08	5.45	43.45	54	10.55	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 11AC80 MIMO 5210 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

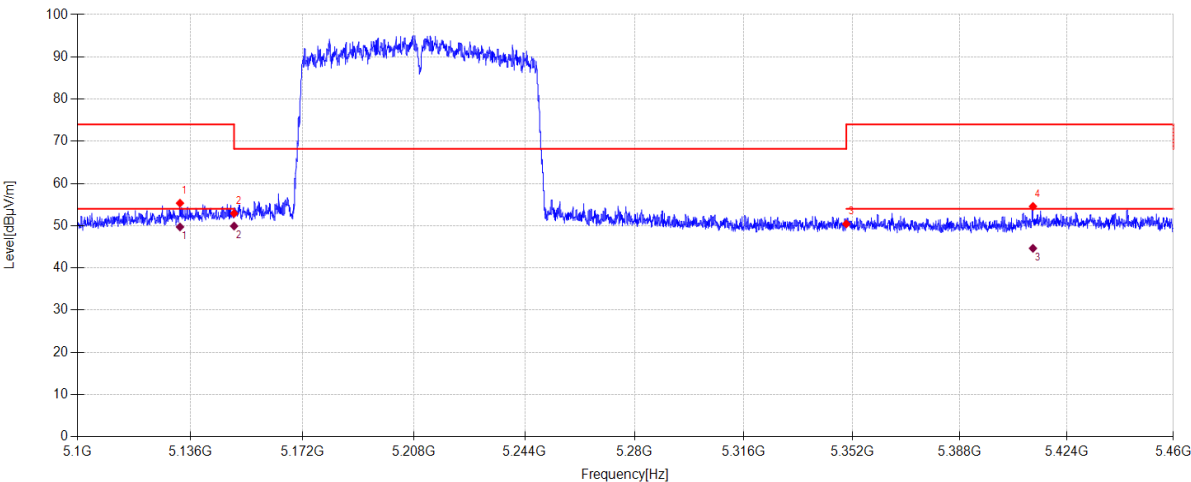
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Memo:

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	5132.688	46.27	33.40	5.27	-29.60	55.34	74.00	18.66	PK	Vertical
2	5150.000	43.83	33.40	5.28	-29.60	52.91	68.20	15.29	PK	Vertical
3	5350.000	41.52	33.10	5.41	-29.60	50.43	68.20	17.77	PK	Vertical
4	5412.516	45.66	33.07	5.45	-29.60	54.58	74.00	19.42	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	5132.688	40.64	33.40	5.27	49.71	54	4.29	AV	Vertical
2	5150.000	40.83	33.40	5.28	49.91	54	4.09	AV	Vertical
3	5412.516	35.72	33.07	5.45	44.64	54	9.36	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 11AC80 MIMO 5290 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

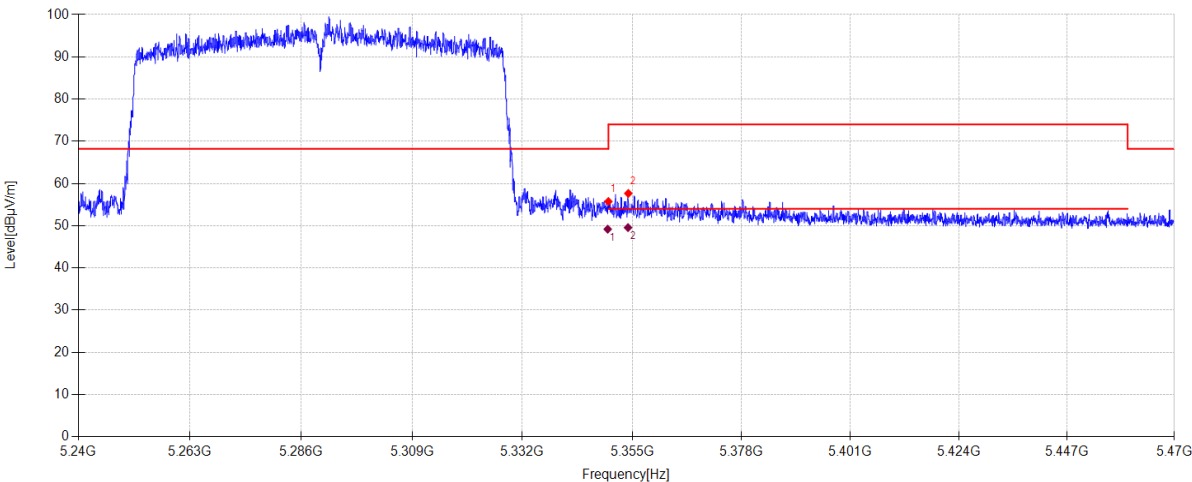
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Memo:

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	46.83	33.10	5.41	-29.60	55.74	68.20	12.46	PK	Horizontal
2	5354.172	48.74	33.10	5.41	-29.60	57.65	74.00	16.35	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	5349.861	40.27	33.10	5.41	49.18	54	4.82	AV	Horizontal
2	5354.117	40.65	33.10	5.41	49.56	54	4.44	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 11AC80 MIMO 5290 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

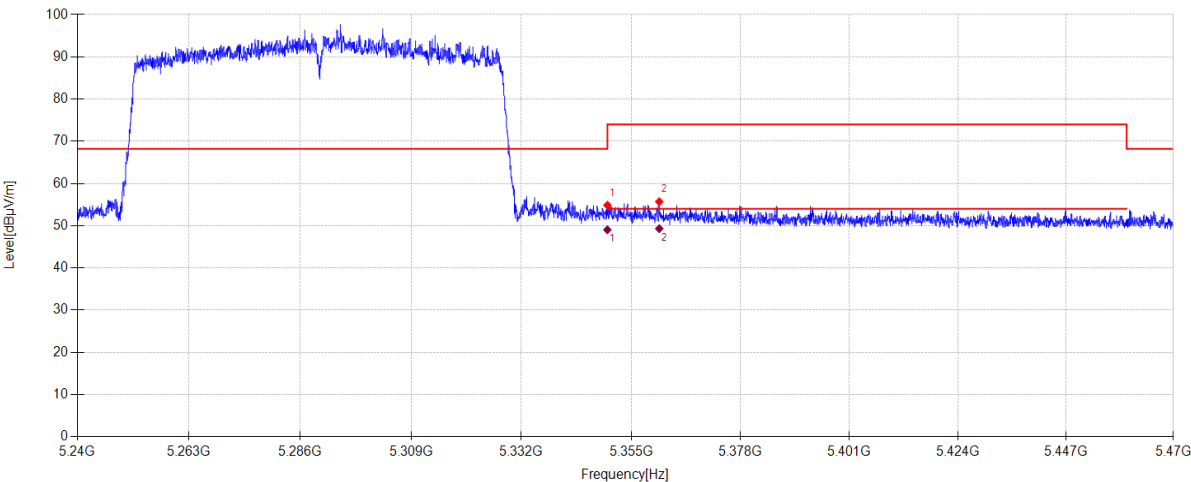
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\54

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	45.95	33.10	5.41	-29.60	54.86	68.20	13.34	PK	Vertical
2	5360.888	46.78	33.10	5.42	-29.60	55.70	74.00	18.30	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	5360.888	40.38	33.10	5.42	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 11AC80 MIMO 5530 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

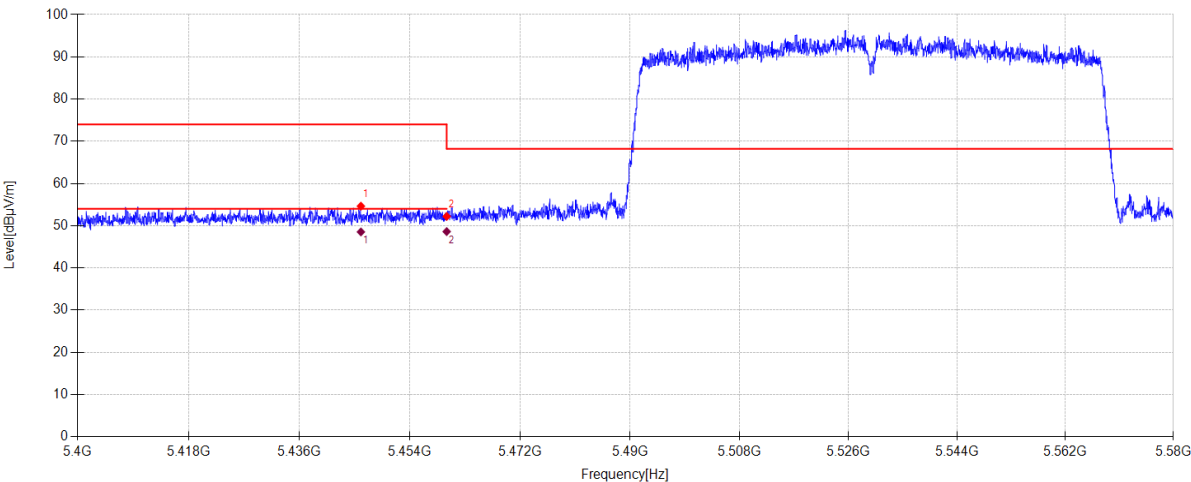
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\55

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	5446.008	45.75	33.01	5.47	-29.60	54.63	74.00	19.37	PK	Horizontal
2	5460.000	43.33	33.00	5.48	-29.60	52.21	68.20	15.99	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	5446.008	39.65	33.01	5.47	48.53	54	5.47	AV	Horizontal	
2	5460.000	39.73	33.00	5.48	48.61	54	5.39	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 11AC80 MIMO 5530 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

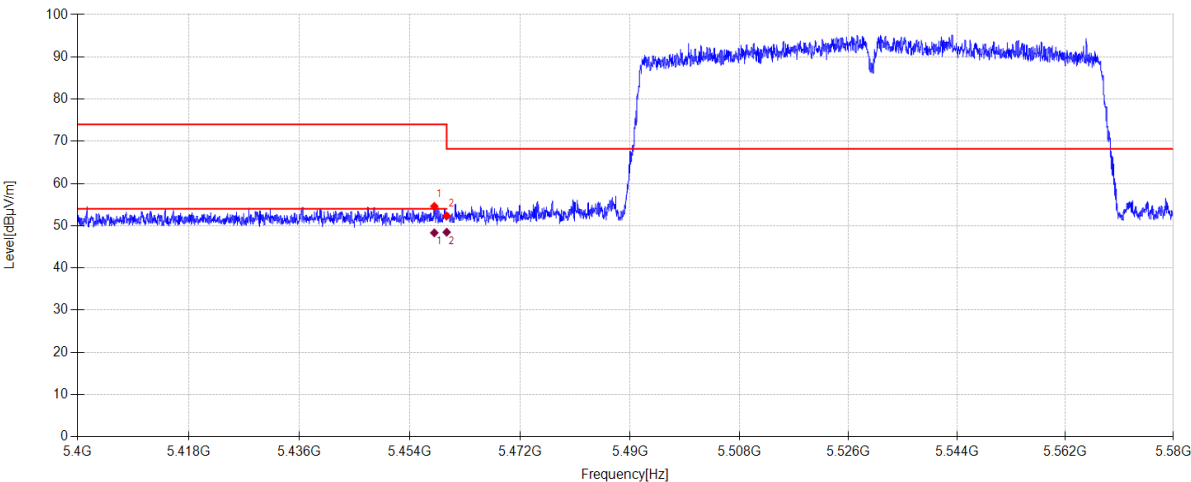
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d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\56

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	5457.978	45.72	33.00	5.48	-29.60	54.60	74.00	19.40	PK	Vertical
2	5460.000	43.44	33.00	5.48	-29.60	52.32	68.20	15.88	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	5457.978	39.43	33.00	5.48	48.31	54	5.69	AV	Vertical
2	5460.000	39.58	33.00	5.48	48.46	54	5.54	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 11AC80 MIMO 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

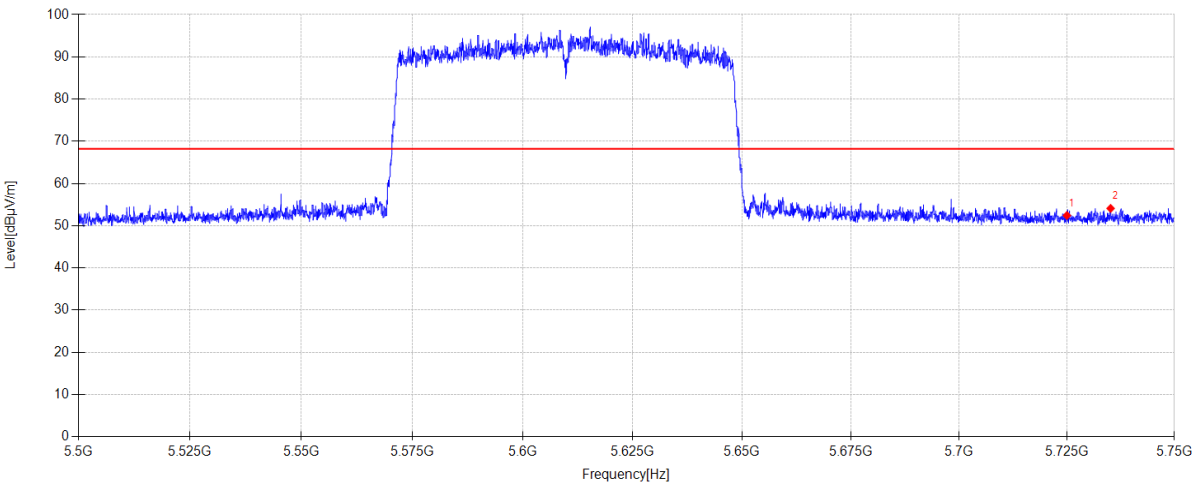
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d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\57

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	42.61	33.75	5.66	-29.60	52.42	68.20	15.78	PK	Horizontal
2	5735.150	44.22	33.81	5.67	-29.60	54.10	68.20	14.10	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:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AC80 MIMO 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

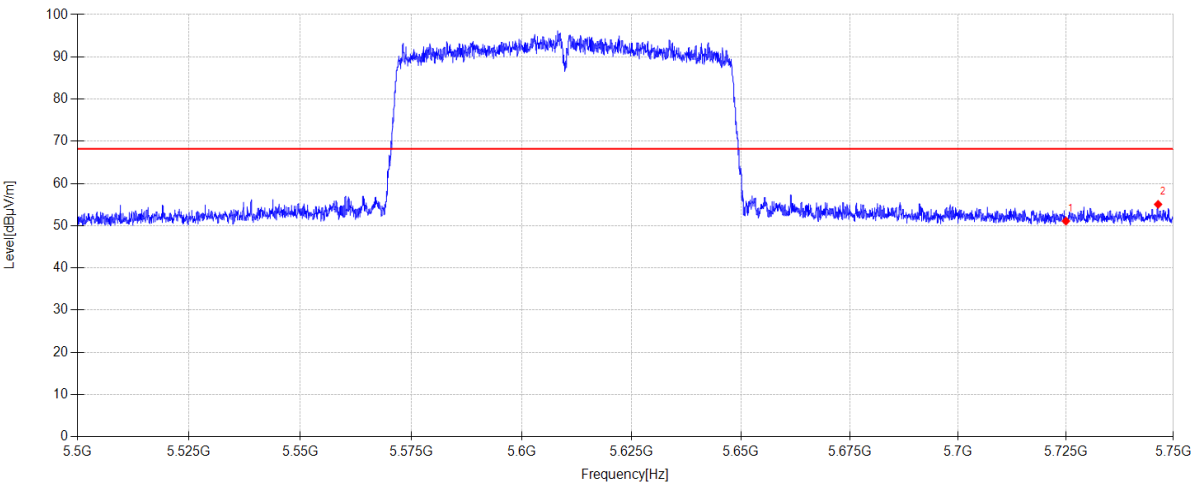
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d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\58

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	41.30	33.75	5.66	-29.60	51.11	68.20	17.09	PK	Vertical
2	5746.450	45.12	33.88	5.67	-29.60	55.07	68.20	13.13	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 11AC80 MIMO 5690 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

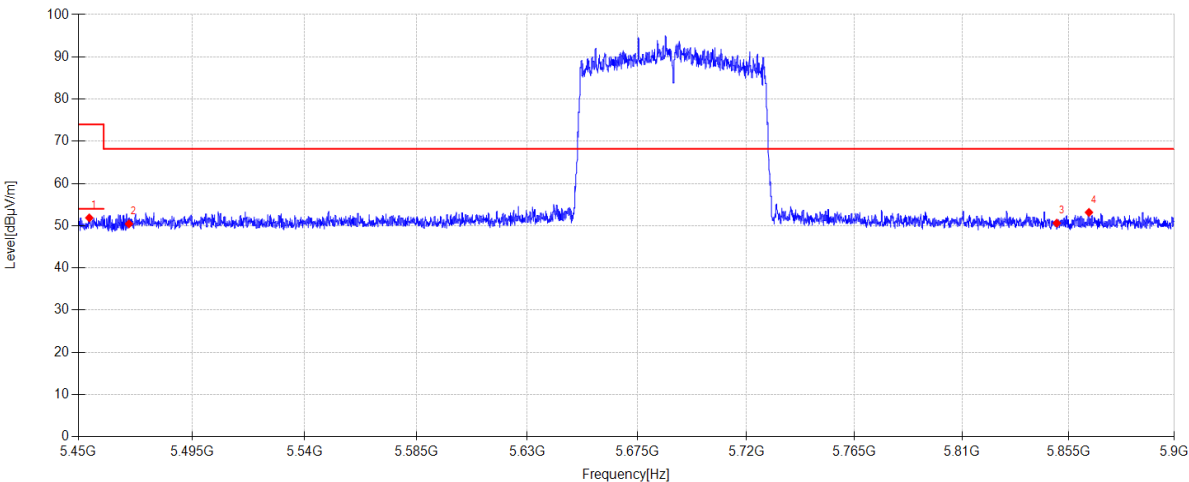
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Memo:

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	5454.320	42.98	33.00	5.48	-29.60	51.86	74.00	22.14	PK	Horizontal
2	5470.000	41.54	33.00	5.49	-29.60	50.43	68.20	17.77	PK	Horizontal
3	5850.000	40.47	34.00	5.74	-29.60	50.61	68.20	17.59	PK	Horizontal
4	5863.640	42.98	34.03	5.75	-29.60	53.16	68.20	15.04	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 11AC80 MIMO 5690 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

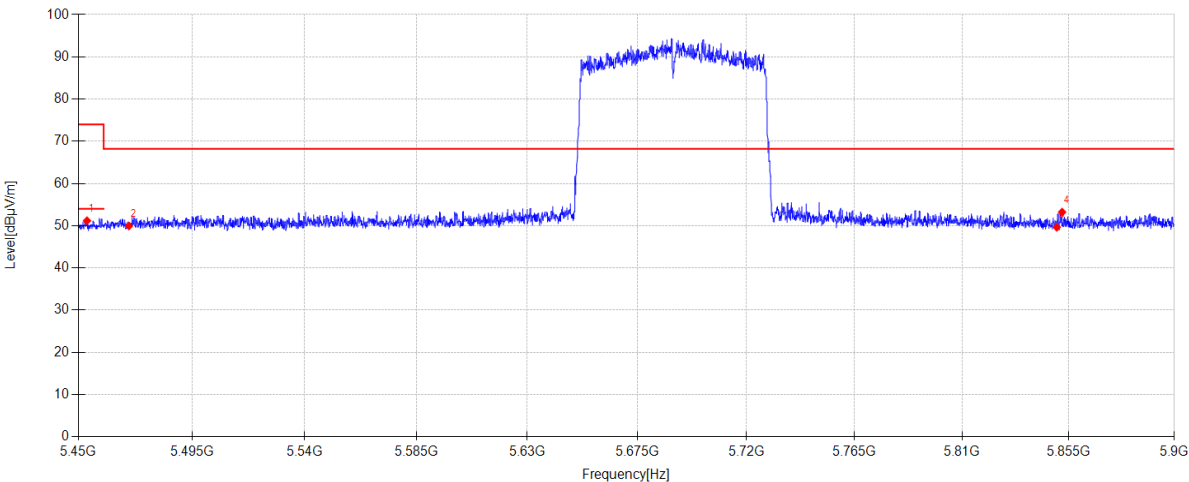
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d:\ts\2024 report data\BAR 1300\kuayue\14

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	5453.420	42.30	33.00	5.48	-29.60	51.18	74.00	22.82	PK	Vertical
2	5470.000	41.05	33.00	5.49	-29.60	49.94	68.20	18.26	PK	Vertical
3	5850.000	39.49	34.00	5.74	-29.60	49.63	68.20	18.57	PK	Vertical
4	5852.255	43.08	34.00	5.74	-29.60	53.22	68.20	14.98	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

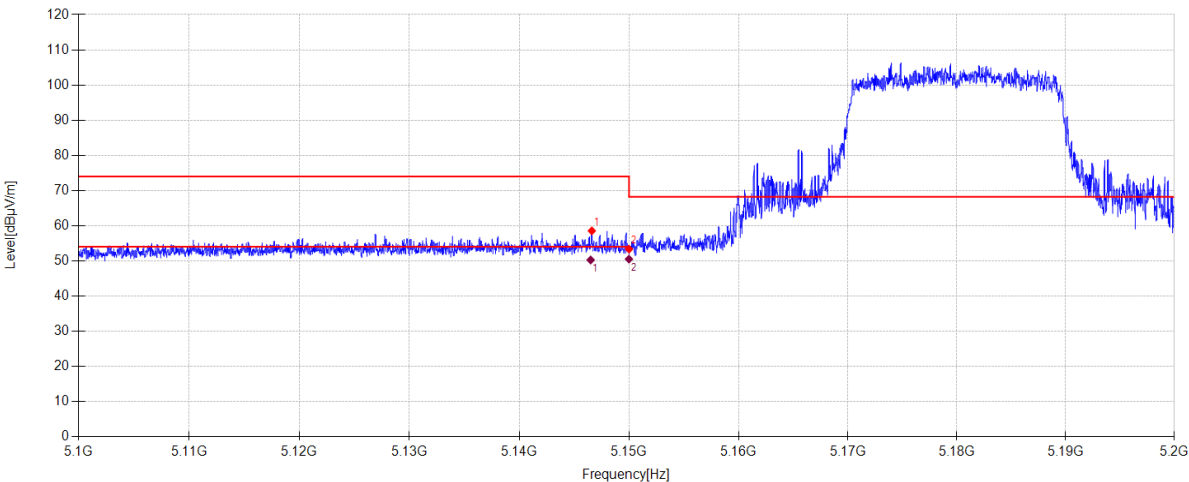
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Memo:

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	5146.610	49.46	33.40	5.28	-29.60	58.54	74.00	15.46	PK	Horizontal
2	5150.000	44.27	33.40	5.28	-29.60	53.35	68.20	14.85	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	5146.501	41.19	33.40	5.28	50.27	54	3.73	AV	Horizontal
2	5149.994	41.43	33.40	5.28	50.51	54	3.49	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 11AX20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

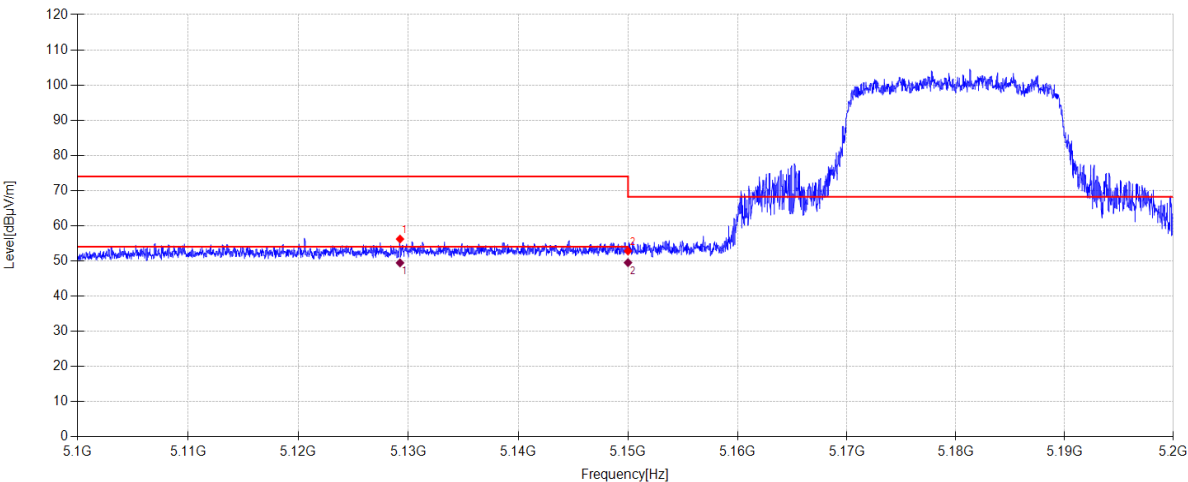
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Memo:

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	5129.240	47.15	33.40	5.27	-29.60	56.22	74.00	17.78	PK	Vertical
2	5150.000	43.74	33.40	5.28	-29.60	52.82	68.20	15.38	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	5129.240	40.37	33.40	5.27	49.44	54	4.56	AV	Vertical
2	5150.000	40.42	33.40	5.28	49.50	54	4.50	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 11AX20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

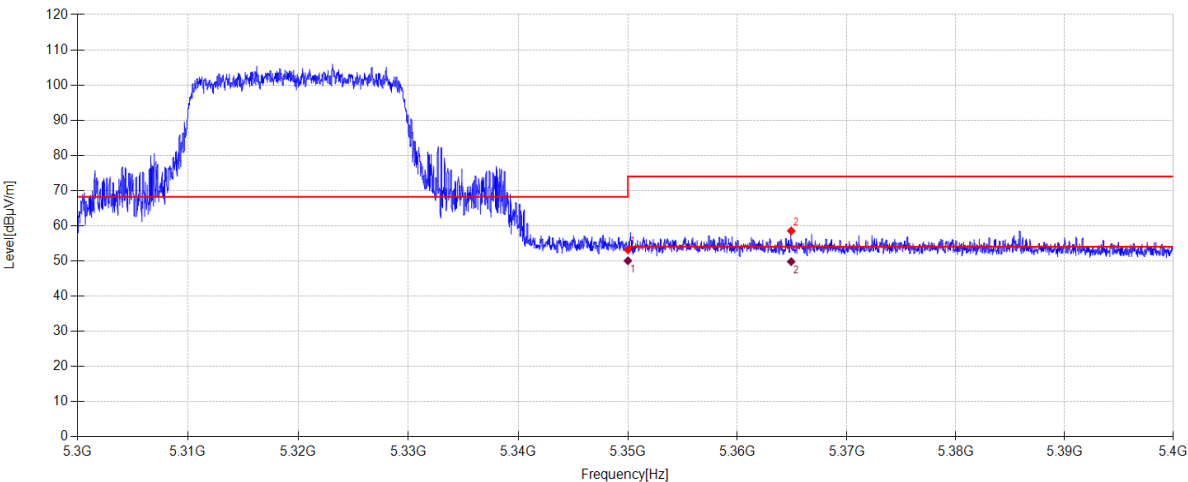
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Memo:

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	44.25	33.10	5.41	-29.60	53.16	68.20	15.04	PK	Horizontal
2	5364.920	49.62	33.10	5.42	-29.60	58.54	74.00	15.46	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	41.13	33.10	5.41	50.04	54	3.96	AV	Horizontal	
2	5364.920	40.86	33.10	5.42	49.78	54	4.22	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 11AX20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

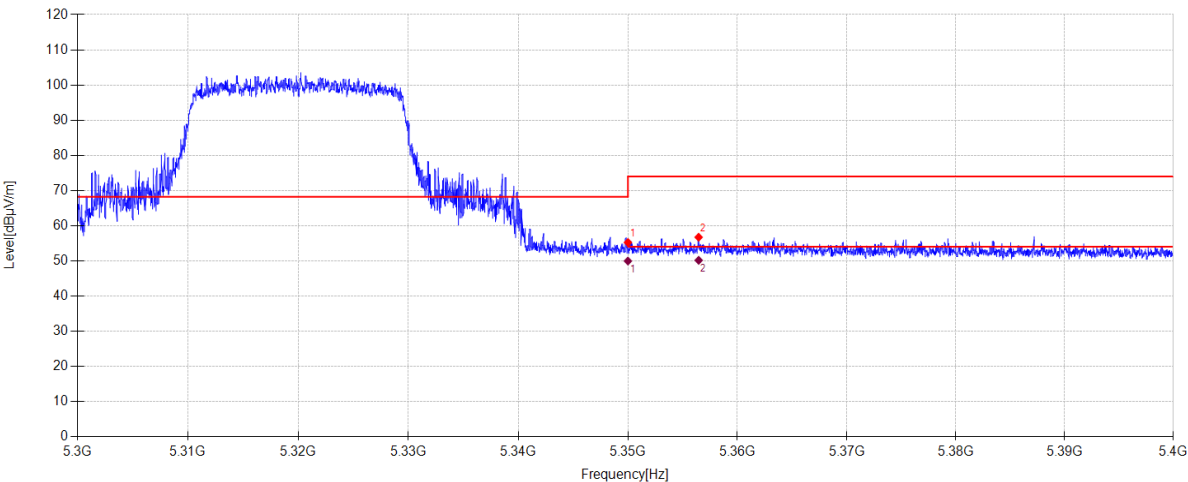
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Memo:

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	46.33	33.10	5.41	-29.60	55.24	68.20	12.96	PK	Vertical
2	5356.460	47.81	33.10	5.42	-29.60	56.73	74.00	17.27	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	41.05	33.10	5.41	49.96	54	4.04	AV	Vertical	
2	5356.460	41.25	33.10	5.42	50.17	54	3.83	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 11AX20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

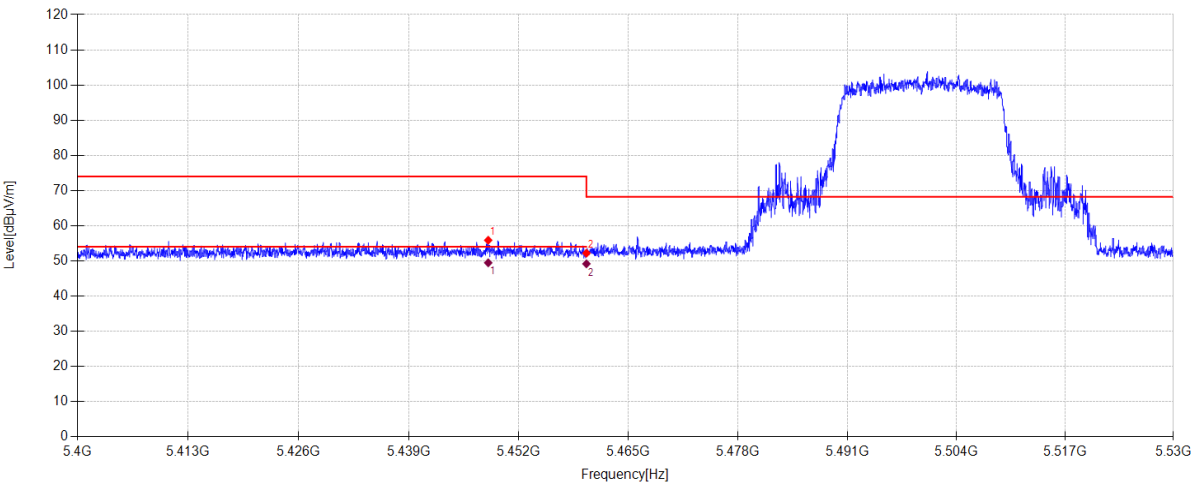
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Memo:

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	5448.373	46.99	33.00	5.48	-29.60	55.87	74.00	18.13	PK	Horizontal
2	5460.000	43.33	33.00	5.48	-29.60	52.21	68.20	15.99	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	5448.373	40.58	33.00	5.48	49.46	54	4.54	AV	Horizontal	
2	5460.000	40.29	33.00	5.48	49.17	54	4.83	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 11AX20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

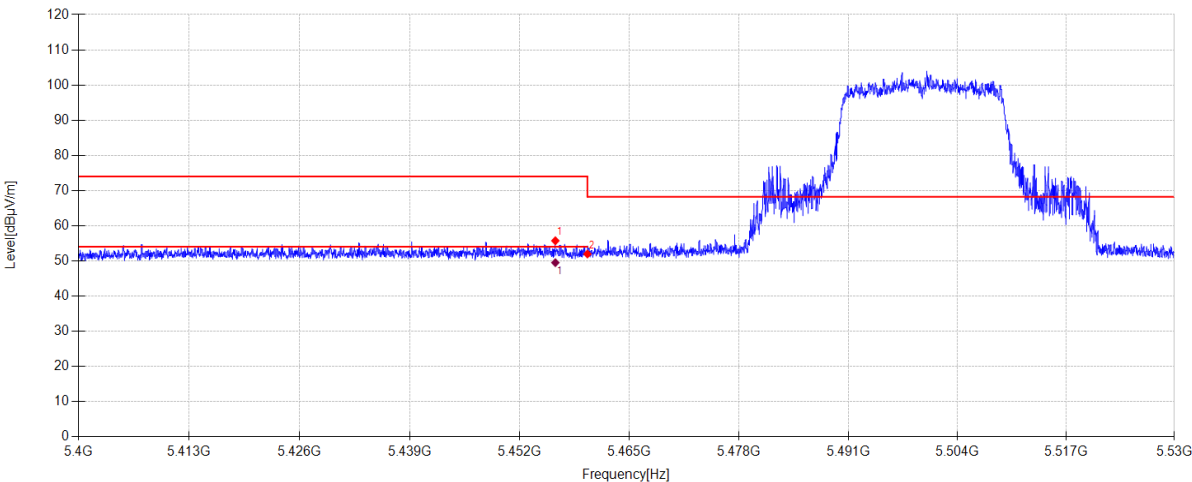
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Memo:

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	5456.199	46.85	33.00	5.48	-29.60	55.73	74.00	18.27	PK	Vertical
2	5460.000	43.08	33.00	5.48	-29.60	51.96	68.20	16.24	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	5456.199	40.62	33.00	5.48	49.50	54	4.50	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 11AX20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

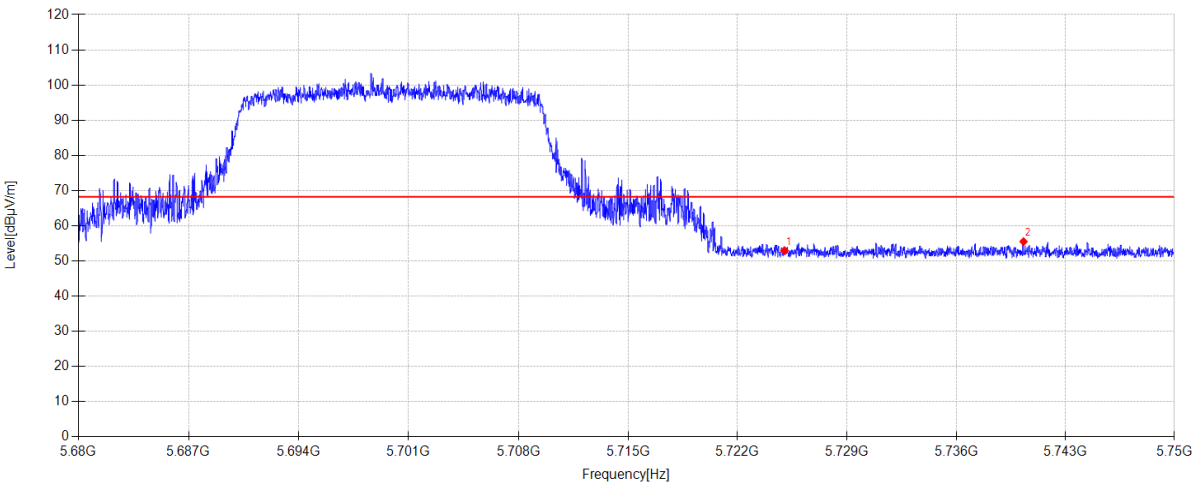
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Memo:

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	43.12	33.75	5.66	-29.60	52.93	68.20	15.27	PK	Horizontal
2	5740.319	45.58	33.84	5.67	-29.60	55.49	68.20	12.71	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:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

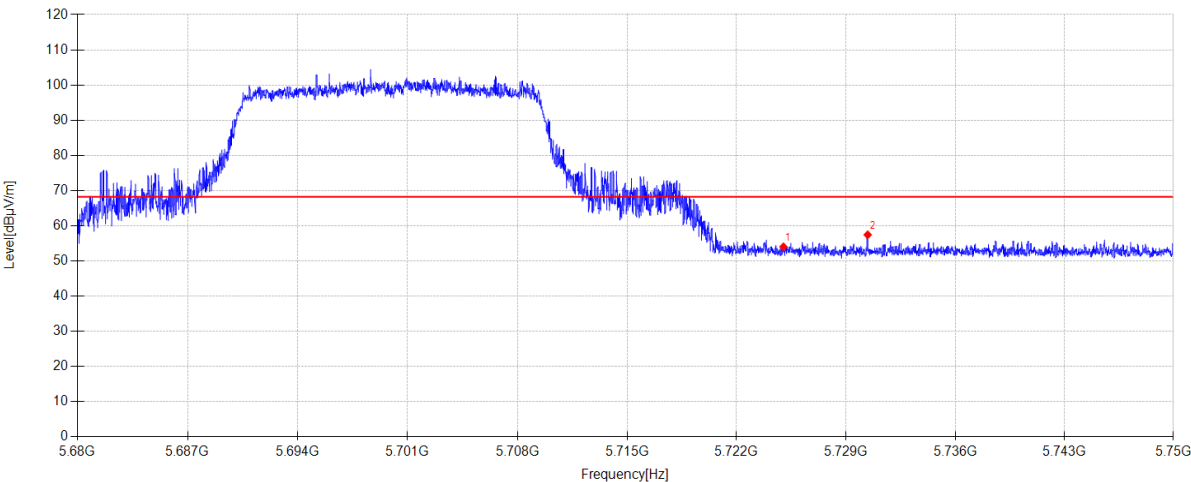
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Memo:

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	44.20	33.75	5.66	-29.60	54.01	68.20	14.19	PK	Vertical
2	5730.393	47.57	33.78	5.66	-29.60	57.41	68.20	10.79	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 MIMO 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

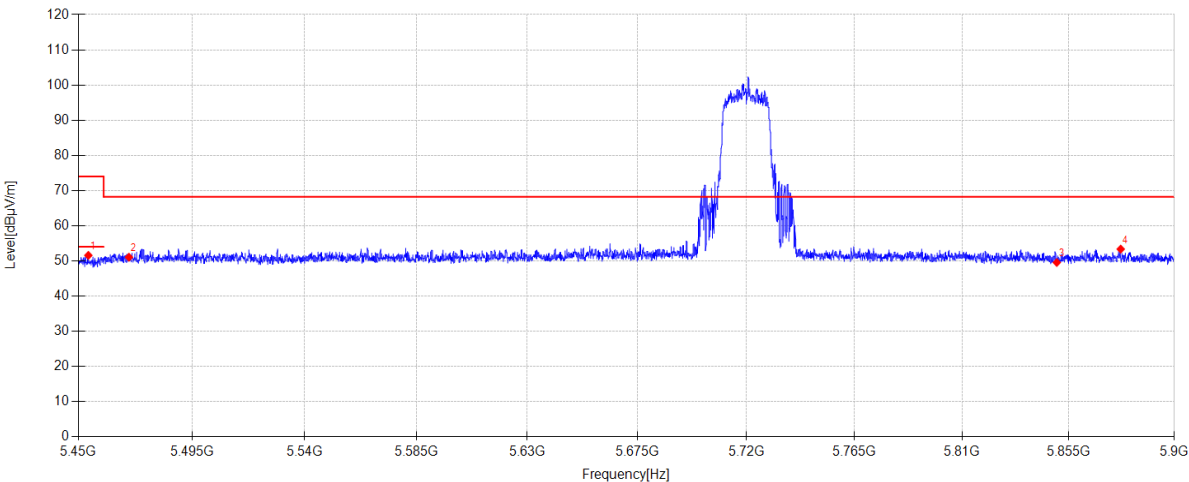
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d:\ts\2024 report data\BAR 1300\kuayue\15

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	5453.960	42.69	33.00	5.48	-29.60	51.57	74.00	22.43	PK	Horizontal
2	5470.000	42.16	33.00	5.49	-29.60	51.05	68.20	17.15	PK	Horizontal
3	5850.000	39.41	34.00	5.74	-29.60	49.55	68.20	18.65	PK	Horizontal
4	5877.140	43.14	34.05	5.76	-29.60	53.35	68.20	14.85	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 MIMO 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

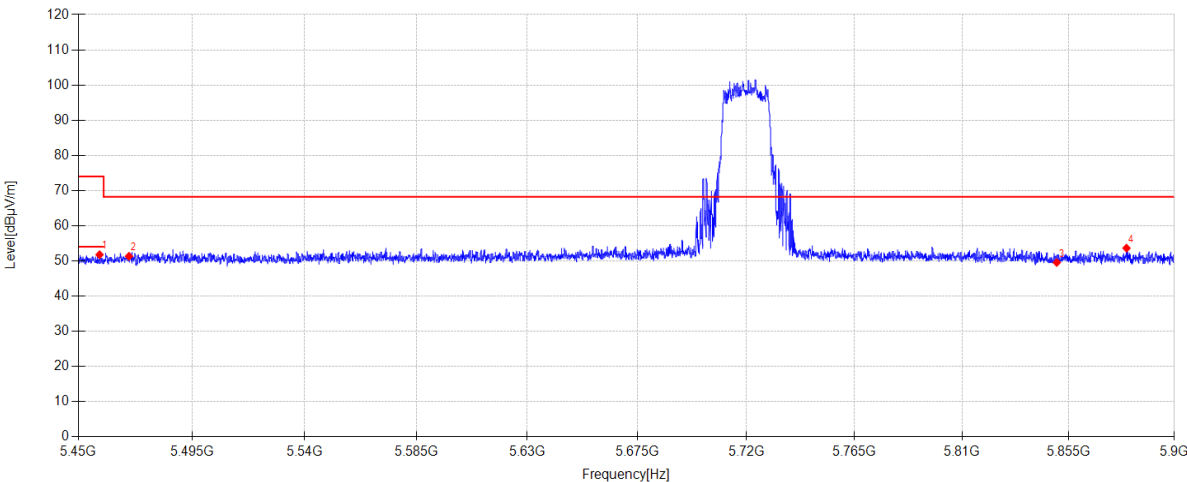
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Memo:

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	5458.370	42.88	33.00	5.48	-29.60	51.76	74.00	22.24	PK	Vertical
2	5470.000	42.42	33.00	5.49	-29.60	51.31	68.20	16.89	PK	Vertical
3	5850.000	39.40	34.00	5.74	-29.60	49.54	68.20	18.66	PK	Vertical
4	5879.615	43.41	34.06	5.76	-29.60	53.63	68.20	14.57	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

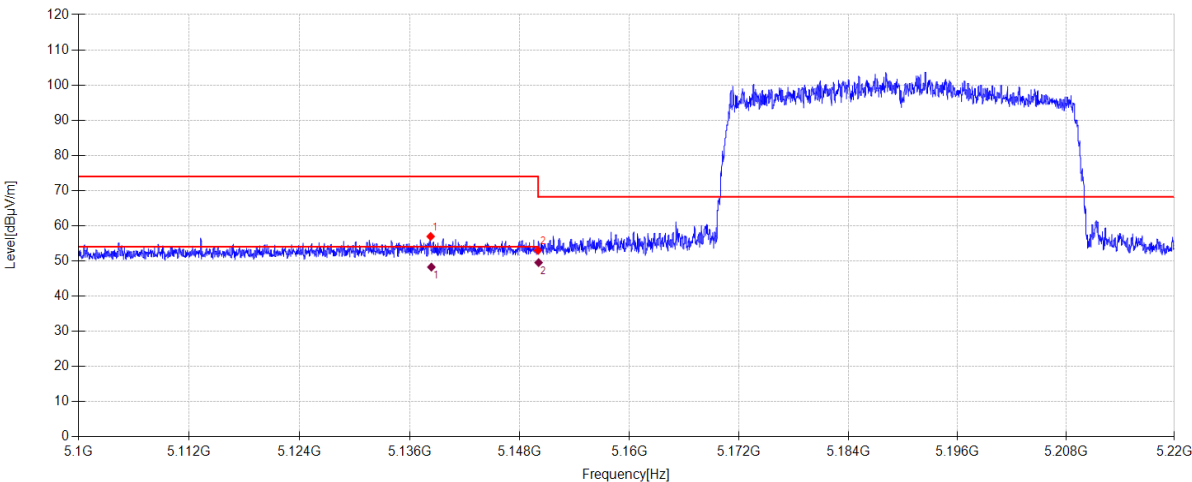
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Memo:

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	5138.268	47.88	33.40	5.27	-29.60	56.95	74.00	17.05	PK	Horizontal
2	5150.000	43.90	33.40	5.28	-29.60	52.98	68.20	15.22	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	5138.348	39.17	33.40	5.27	48.24	54	5.76	AV	Horizontal
2	5150.054	40.44	33.40	5.28	49.52	54	4.48	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 11AX40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

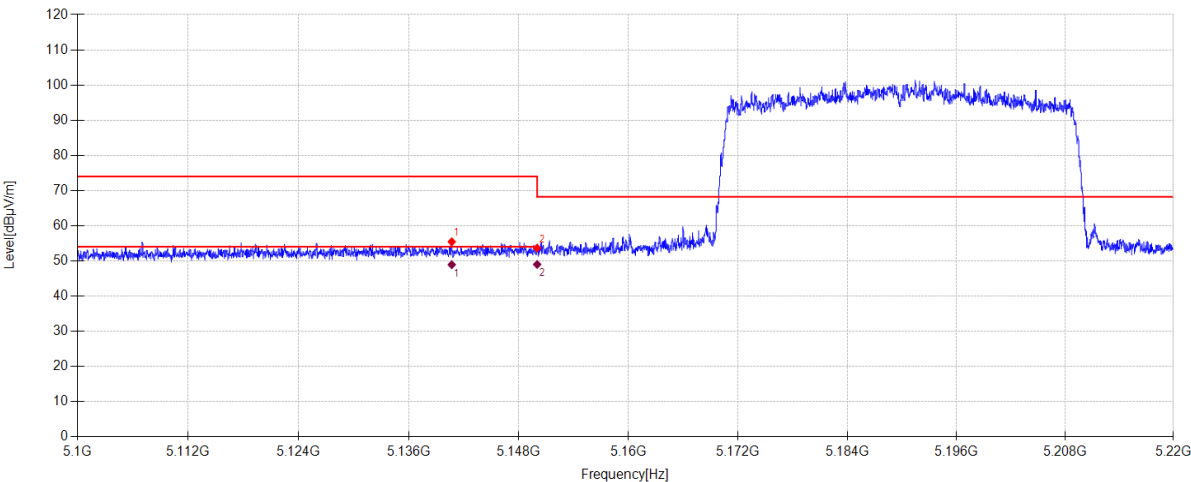
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Memo:

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	5140.680	46.37	33.40	5.27	-29.60	55.44	74.00	18.56	PK	Vertical
2	5150.000	44.58	33.40	5.28	-29.60	53.66	68.20	14.54	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	5140.680	39.86	33.40	5.27	48.93	54	5.07	AV	Vertical	
2	5150.000	39.92	33.40	5.28	49.00	54	5.00	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 11AX40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

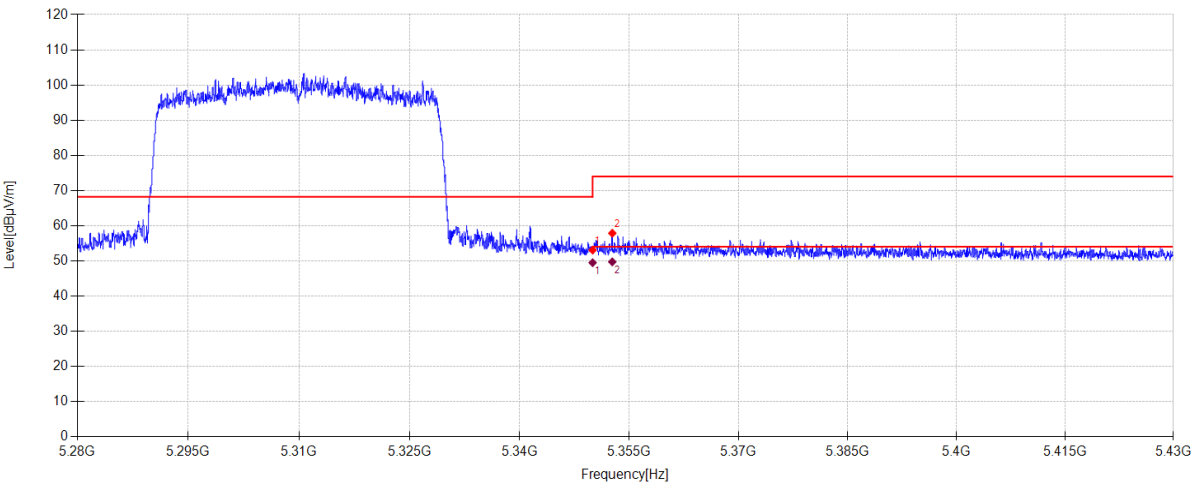
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Memo:

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	44.17	33.10	5.41	-29.60	53.08	68.20	15.12	PK	Horizontal
2	5352.690	48.97	33.10	5.41	-29.60	57.88	74.00	16.12	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	40.57	33.10	5.41	49.48	54	4.52	AV	Horizontal	
2	5352.690	40.82	33.10	5.41	49.73	54	4.27	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 11AX40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

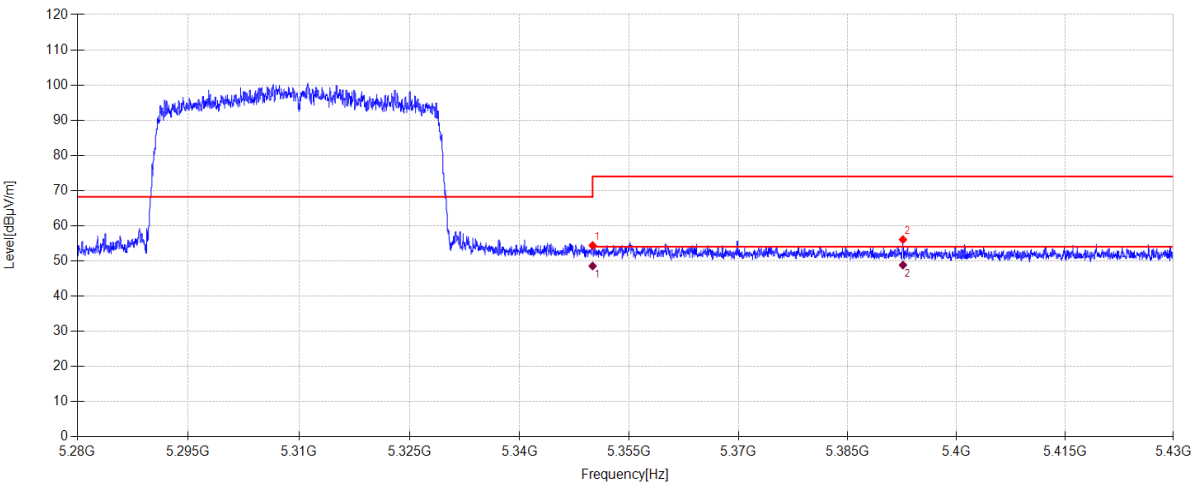
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Memo:

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	45.47	33.10	5.41	-29.60	54.38	68.20	13.82	PK	Vertical
2	5392.605	47.11	33.10	5.44	-29.60	56.05	74.00	17.95	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	5350.000	39.64	33.10	5.41	48.55	54	5.45	AV	Vertical	
2	5392.605	39.88	33.10	5.44	48.82	54	5.18	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 11AX40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

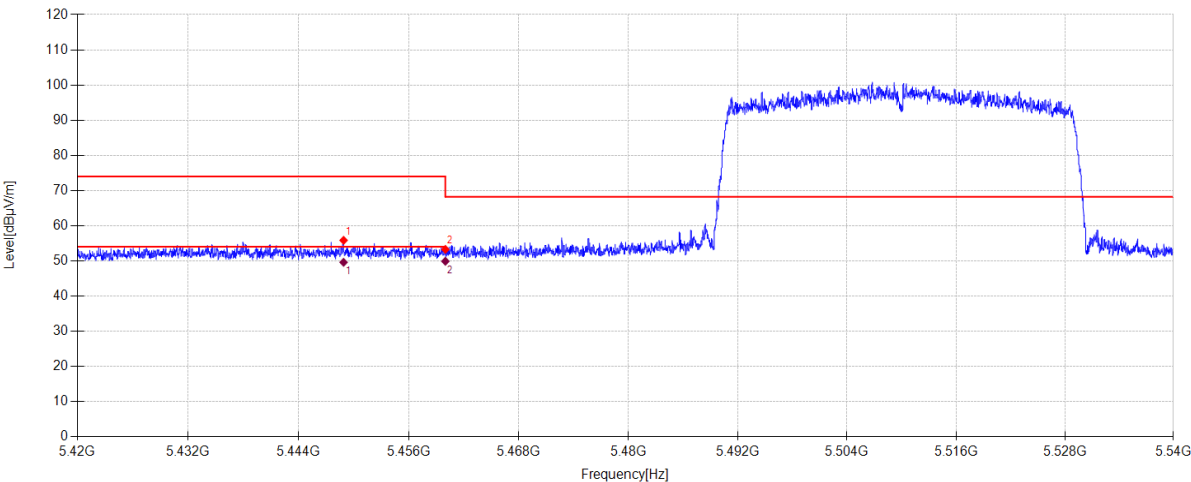
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Memo:

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	5448.908	46.97	33.00	5.48	-29.60	55.85	74.00	18.15	PK	Horizontal
2	5460.000	44.39	33.00	5.48	-29.60	53.27	68.20	14.93	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	5448.908	40.72	33.00	5.48	49.60	54	4.40	AV	Horizontal	
2	5460.000	41.01	33.00	5.48	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 11AX40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

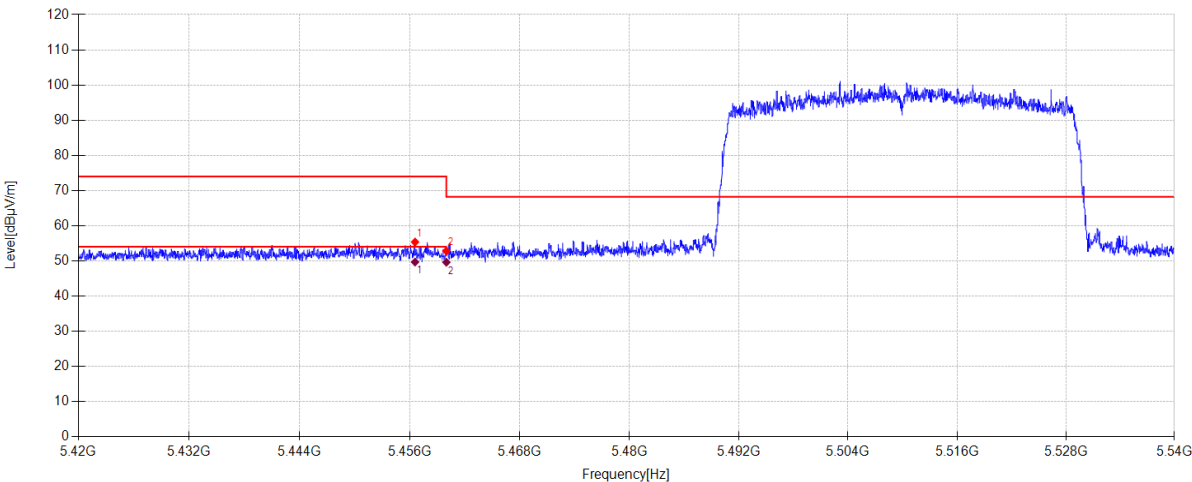
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Memo:

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	5456.588	46.49	33.00	5.48	-29.60	55.37	74.00	18.63	PK	Vertical
2	5460.000	43.93	33.00	5.48	-29.60	52.81	68.20	15.39	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	5456.588	40.80	33.00	5.48	49.68	54	4.32	AV	Vertical	
2	5460.000	40.75	33.00	5.48	49.63	54	4.37	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 11AX40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

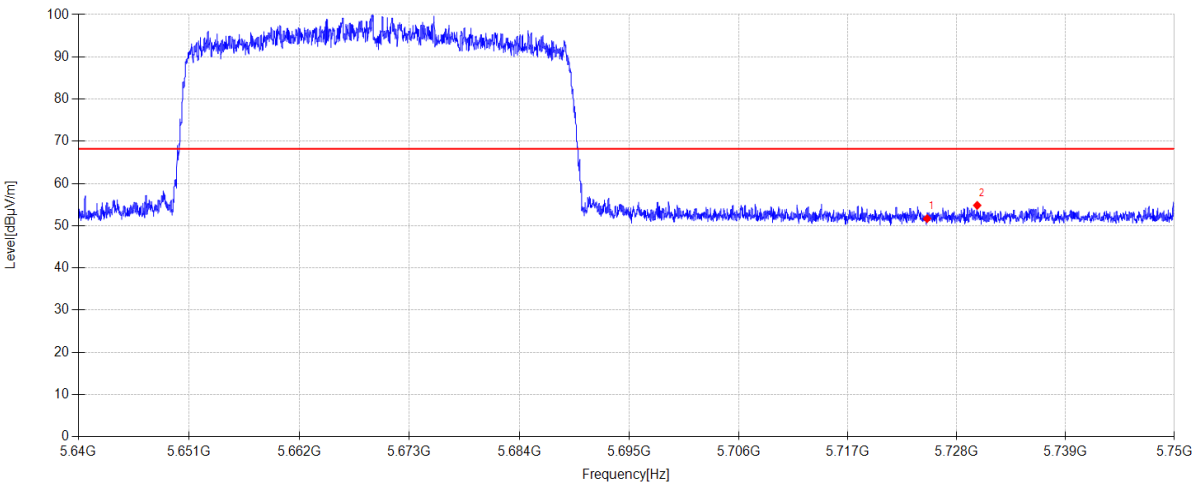
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Memo:

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	41.87	33.75	5.66	-29.60	51.68	68.20	16.52	PK	Horizontal
2	5730.057	44.98	33.78	5.66	-29.60	54.82	68.20	13.38	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

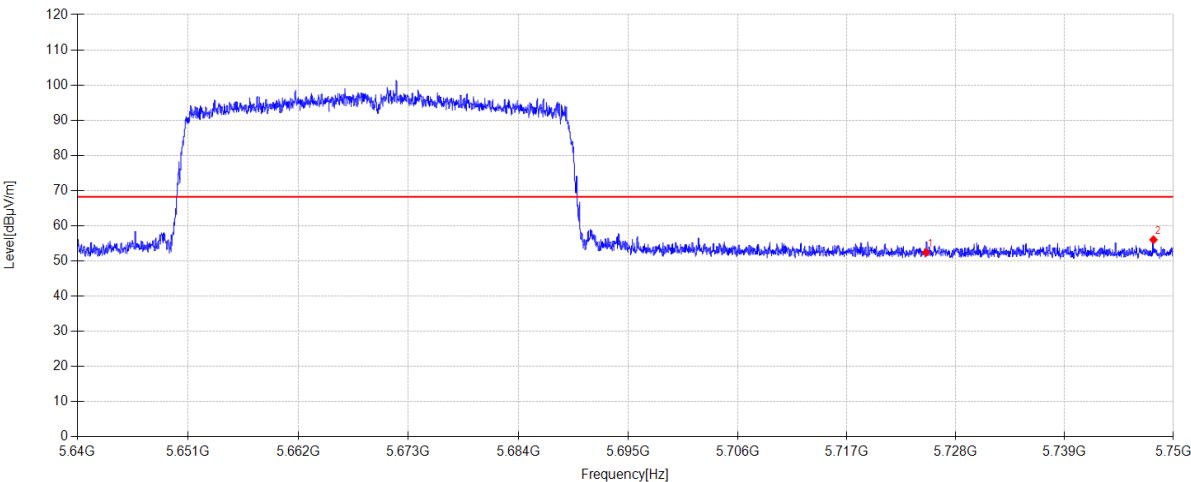
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Memo:

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	42.59	33.75	5.66	-29.60	52.40	68.20	15.80	PK	Vertical
2	5747.987	46.05	33.89	5.67	-29.60	56.01	68.20	12.19	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

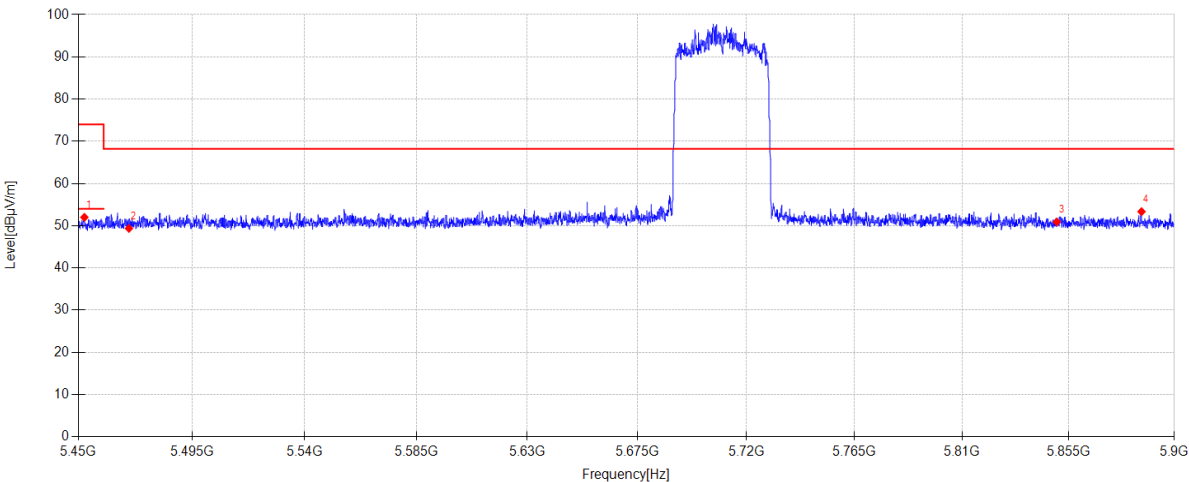
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Memo:

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	5452.385	43.11	33.00	5.48	-29.60	51.99	74.00	22.01	PK	Horizontal
2	5470.000	40.46	33.00	5.49	-29.60	49.35	68.20	18.85	PK	Horizontal
3	5850.000	40.77	34.00	5.74	-29.60	50.91	68.20	17.29	PK	Horizontal
4	5886.005	43.11	34.07	5.76	-29.60	53.34	68.20	14.86	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 11AX40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

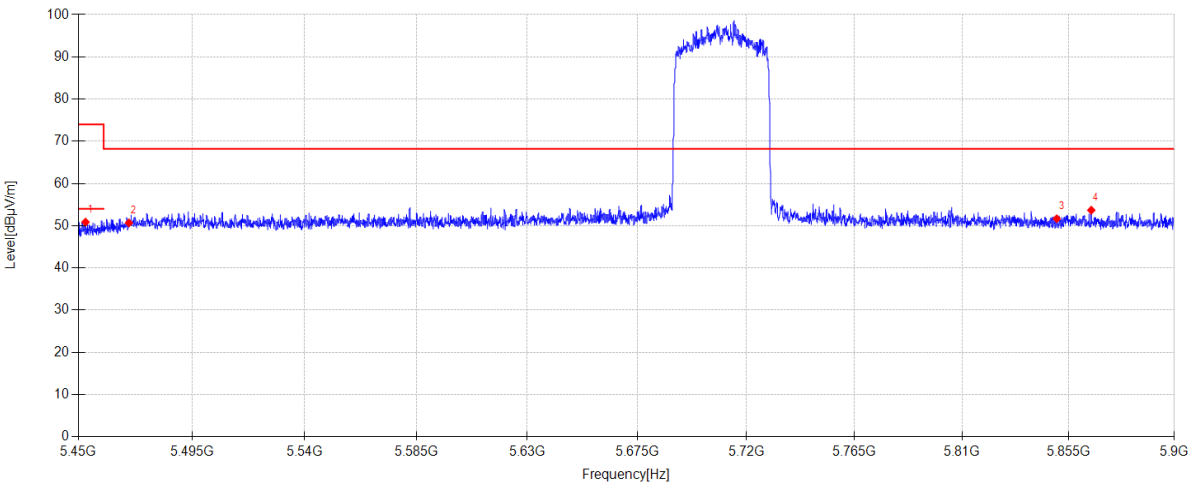
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Memo:

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	5452.835	41.98	33.00	5.48	-29.60	50.86	74.00	23.14	PK	Vertical
2	5470.000	41.78	33.00	5.49	-29.60	50.67	68.20	17.53	PK	Vertical
3	5850.000	41.52	34.00	5.74	-29.60	51.66	68.20	16.54	PK	Vertical
4	5864.630	43.50	34.03	5.75	-29.60	53.68	68.20	14.52	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-11

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300XMK2

Test Mode:

TX 11AX80 MIMO 5210 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

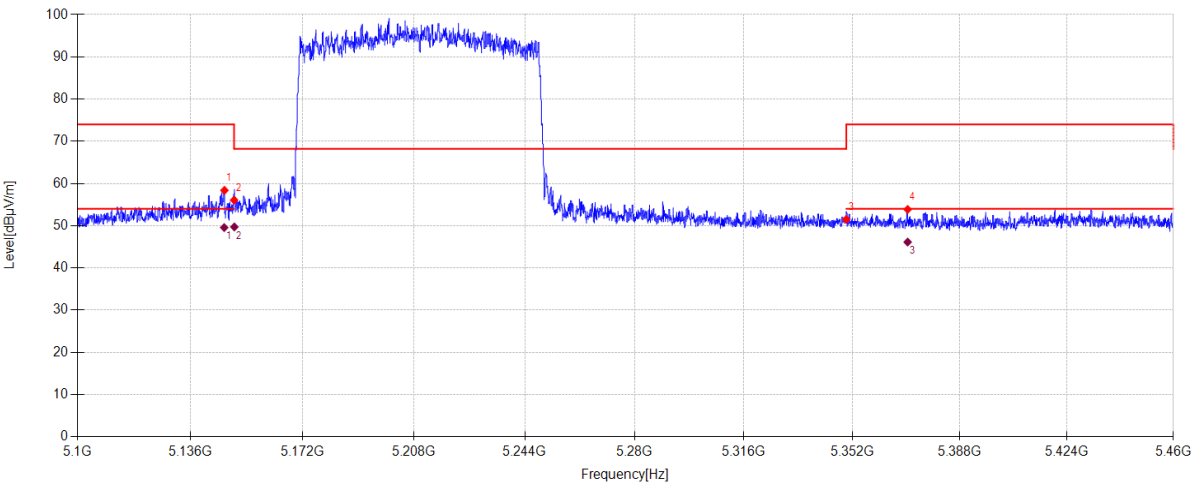
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Memo:

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	5146.908	49.31	33.40	5.28	-29.60	58.39	74.00	15.61	PK	Horizontal
2	5150.000	46.98	33.40	5.28	-29.60	56.06	68.20	12.14	PK	Horizontal
3	5350.000	42.60	33.10	5.41	-29.60	51.51	68.20	16.19	PK	Horizontal
4	5370.468	44.94	33.10	5.42	-29.60	53.86	74.00	20.14	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	5146.820	40.49	33.40	5.28	49.57	54	4.43	AV	Horizontal
2	5150.082	40.63	33.40	5.28	49.71	54	4.29	AV	Horizontal
3	5370.468	37.21	33.10	5.42	46.13	54	7.87	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 5210 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

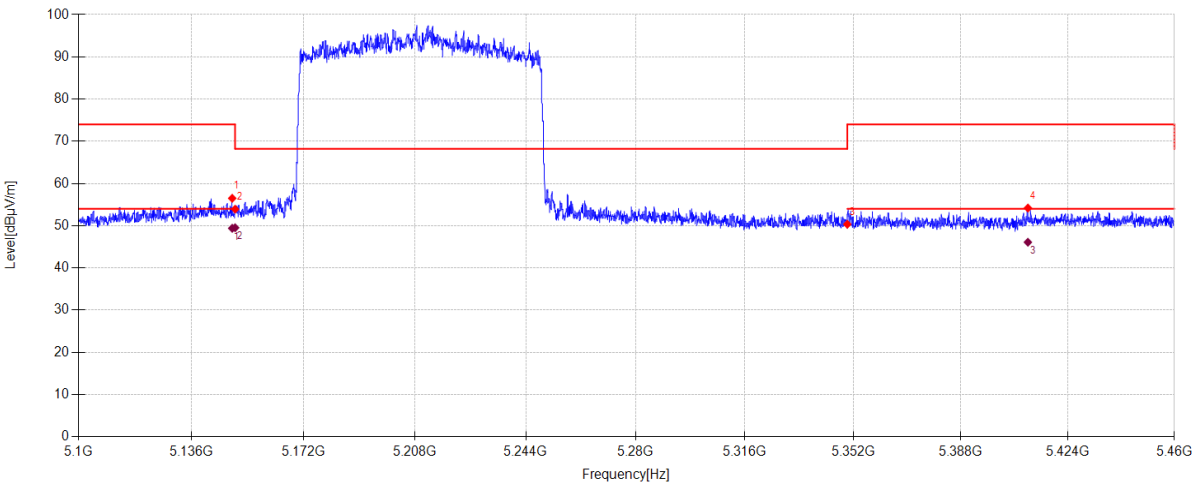
File Path:

d:\ts\2024 report data\BAR 1300\FCC RE Above 1G 5G\76

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	5149.068	47.42	33.40	5.28	-29.60	56.50	74.00	17.50	PK	Vertical
2	5150.000	44.84	33.40	5.28	-29.60	53.92	68.20	14.28	PK	Vertical
3	5350.000	41.44	33.10	5.41	-29.60	50.35	68.20	17.85	PK	Vertical
4	5410.464	45.26	33.08	5.45	-29.60	54.19	74.00	19.81	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	5149.068	40.31	33.40	5.28	49.39	54	4.61	AV	Vertical
2	5150.000	40.44	33.40	5.28	49.52	54	4.48	AV	Vertical
3	5410.464	37.16	33.08	5.45	46.09	54	7.91	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.