

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5320 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

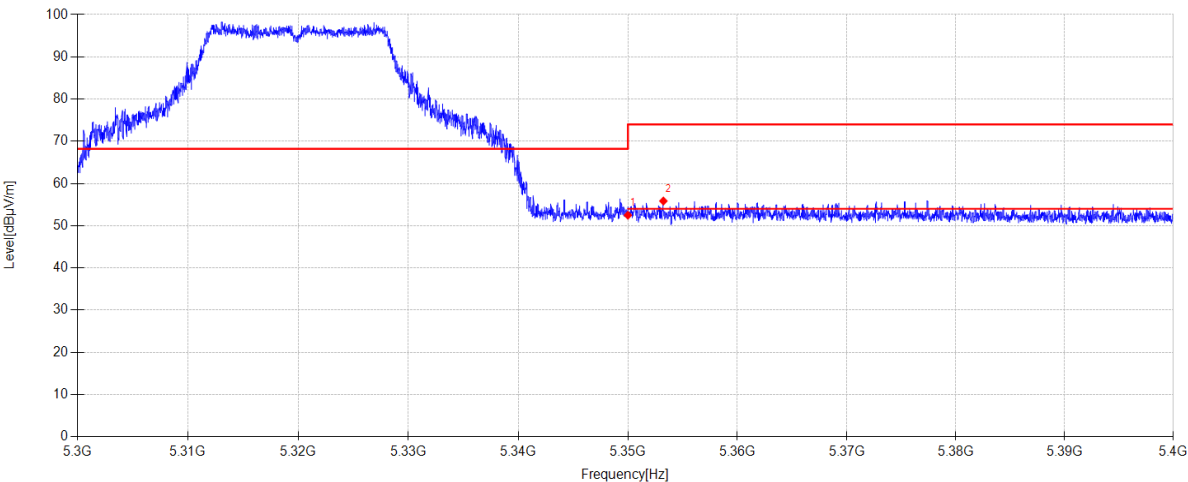
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d:\ts\2024 report data\BAR 300\FCC RE Above 1G 5G\38

Memo:

Sample Number: S24111411-006

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	43.58	33.10	5.41	-29.60	52.49	68.20	15.71	PK	Vertical
2	5353.240	46.94	33.10	5.41	-29.60	55.85	74.00	18.15	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5500 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

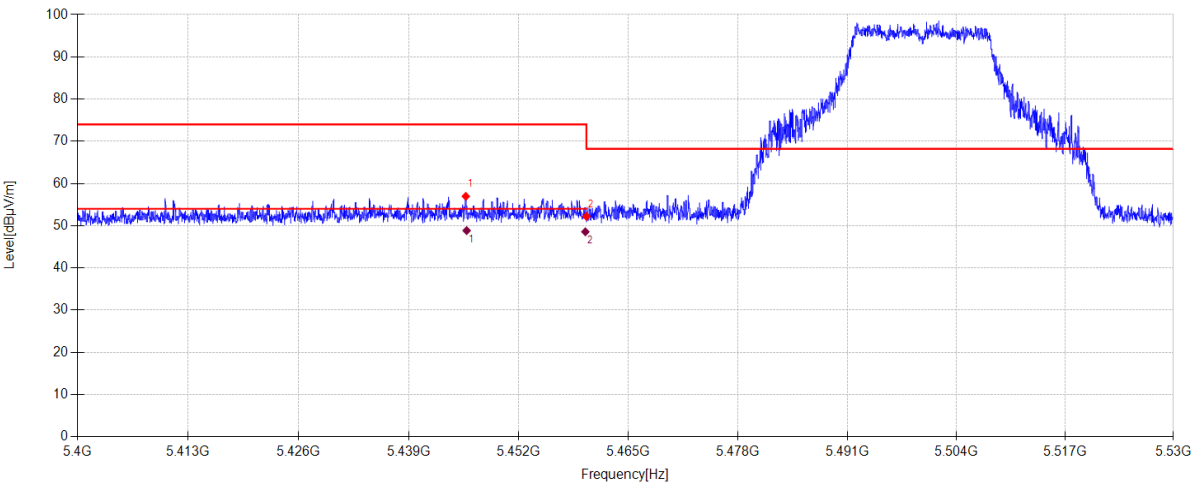
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Memo:

Sample Number: S24111411-006

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	5445.721	48.08	33.01	5.47	-29.60	56.96	74.00	17.04	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	5445.822	39.97	33.01	5.47	48.85	54	5.15	AV	Horizontal	
2	5459.871	39.68	33.00	5.48	48.56	54	5.44	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5500 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

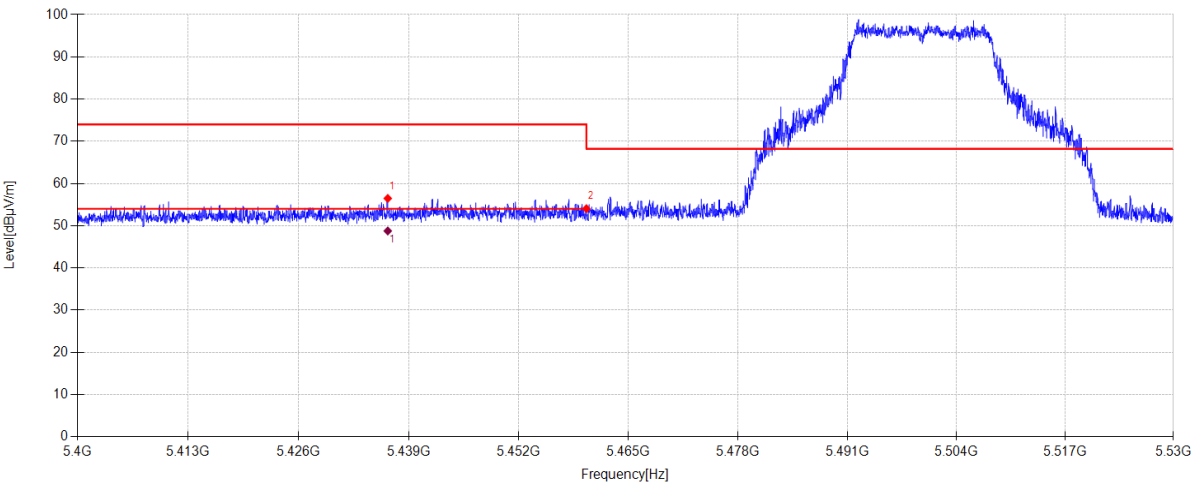
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Memo:

Sample Number: S24111411-006

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	5436.504	47.57	33.03	5.47	-29.60	56.47	74.00	17.53	PK	Vertical
2	5460.000	45.18	33.00	5.48	-29.60	54.06	68.20	14.14	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	5436.504	39.86	33.03	5.47	48.76	54	5.24	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5700 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

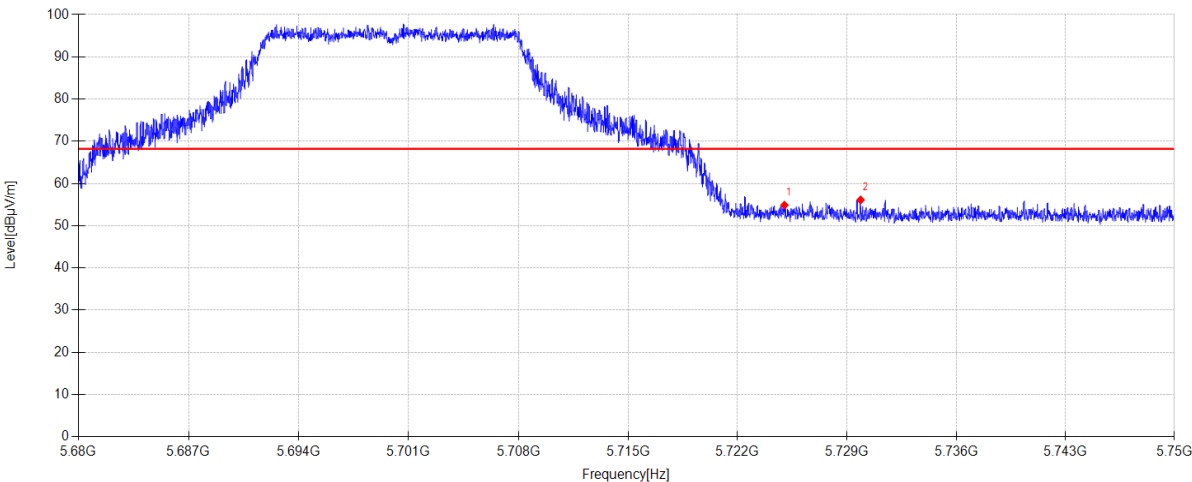
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Memo:

Sample Number: S24111411-006

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	45.07	33.75	5.66	-29.60	54.88	68.20	13.32	PK	Horizontal
2	5729.875	46.26	33.78	5.66	-29.60	56.10	68.20	12.10	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5700 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

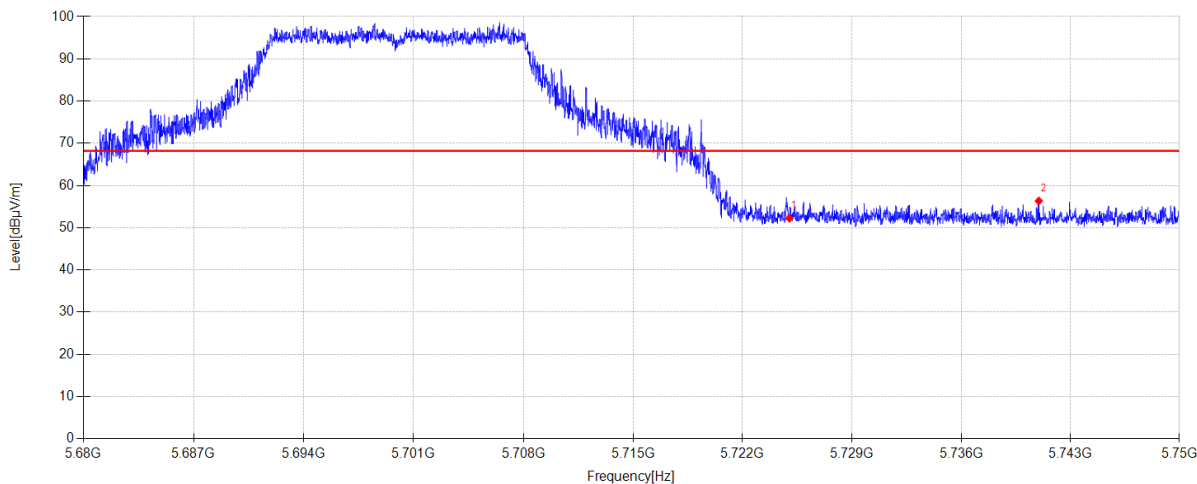
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Memo:

Sample Number: S24111411-006

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	42.43	33.75	5.66	-29.60	52.24	68.20	15.96	PK	Vertical
2	5740.977	46.42	33.85	5.67	-29.60	56.34	68.20	11.86	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

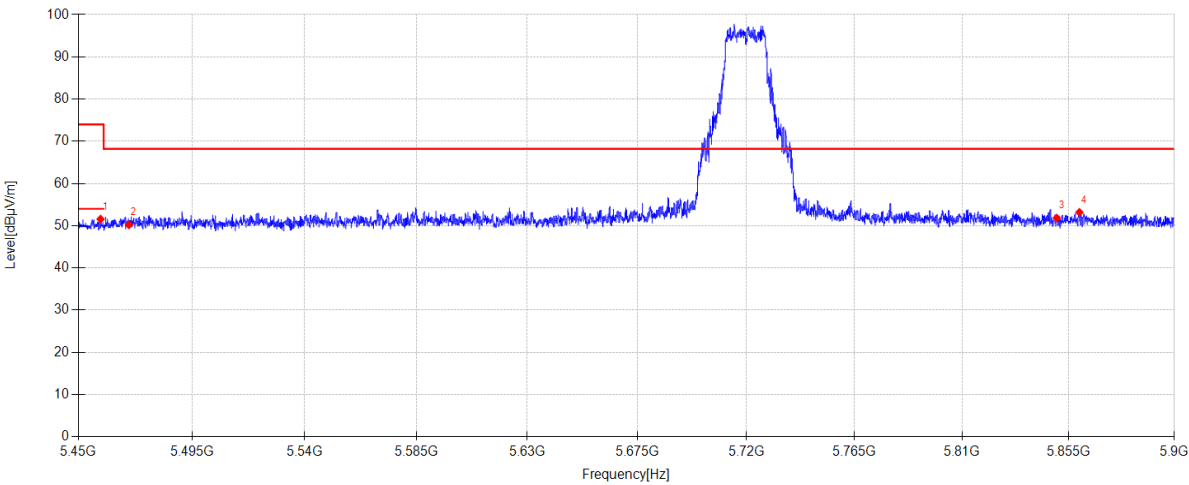
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d:\ts\2024 report data\BAR 300\KUAYUE\17

Memo:

Sample Number: S24111411-006

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	5458.775	42.68	33.00	5.48	-29.60	51.56	74.00	22.44	PK	Horizontal
2	5470.000	41.31	33.00	5.49	-29.60	50.20	68.20	18.00	PK	Horizontal
3	5850.000	41.68	34.00	5.74	-29.60	51.82	68.20	16.38	PK	Horizontal
4	5859.590	43.01	34.02	5.75	-29.60	53.18	68.20	15.02	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

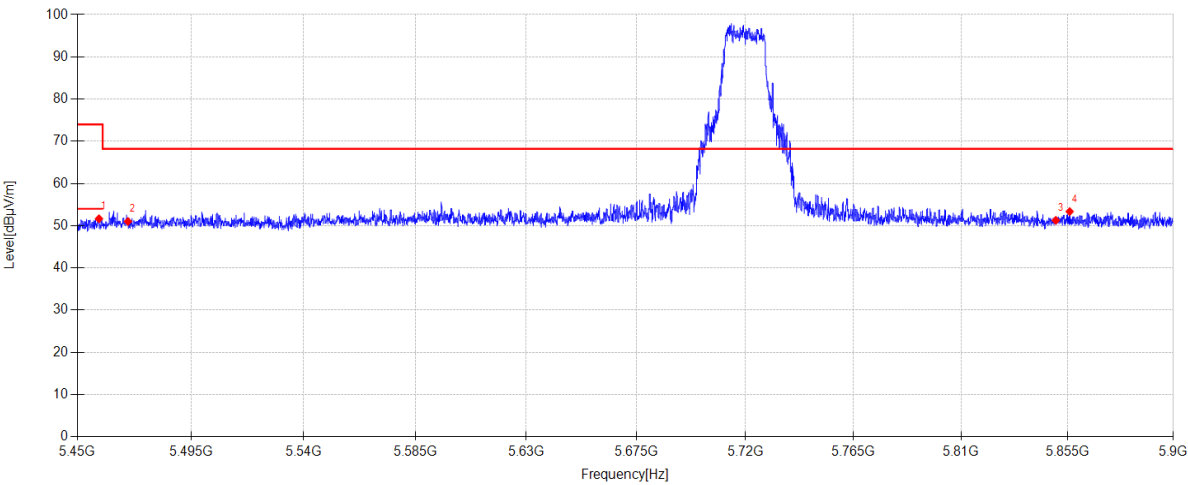
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Memo:

Sample Number: S24111411-006

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	5458.550	42.77	33.00	5.48	-29.60	51.65	74.00	22.35	PK	Vertical
2	5470.000	42.12	33.00	5.49	-29.60	51.01	68.20	17.19	PK	Vertical
3	5850.000	41.13	34.00	5.74	-29.60	51.27	68.20	16.93	PK	Vertical
4	5855.900	43.22	34.01	5.74	-29.60	53.37	68.20	14.83	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5180 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

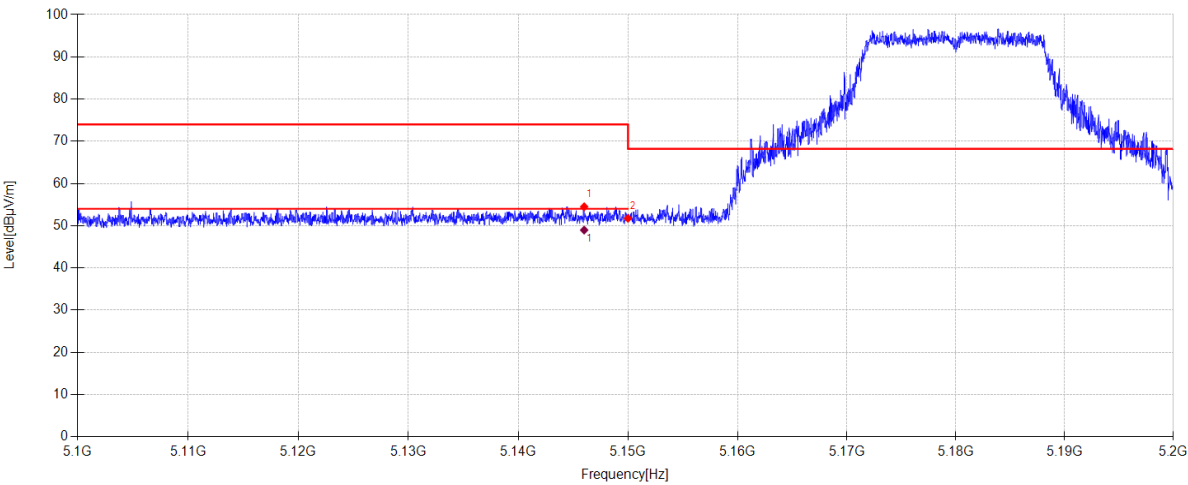
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Memo:

Sample Number: S24111411-006

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	5146.000	45.42	33.40	5.28	-29.60	54.50	74.00	19.50	PK	Horizontal
2	5150.000	42.67	33.40	5.28	-29.60	51.75	68.20	16.45	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	5146.000	39.89	33.40	5.28	48.97	54	5.03	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5180 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

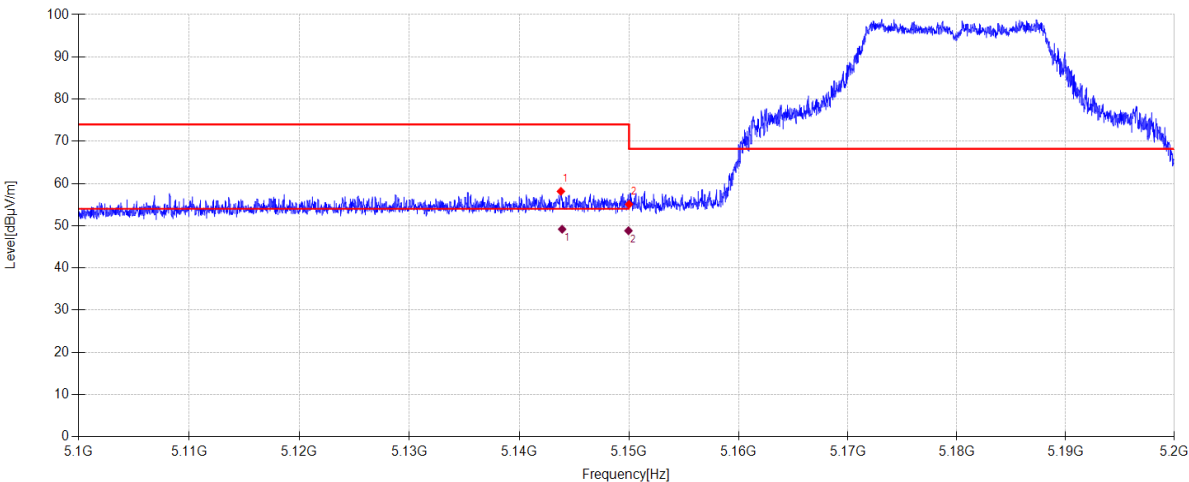
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Memo:

Sample Number: S24111411-006

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	5143.790	49.07	33.40	5.27	-29.60	58.14	74.00	15.86	PK	Vertical
2	5150.000	45.99	33.40	5.28	-29.60	55.07	68.20	13.13	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	5143.903	40.10	33.40	5.27	49.17	54	4.83	AV	Vertical
2	5149.952	39.73	33.40	5.28	48.81	54	5.19	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5320 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

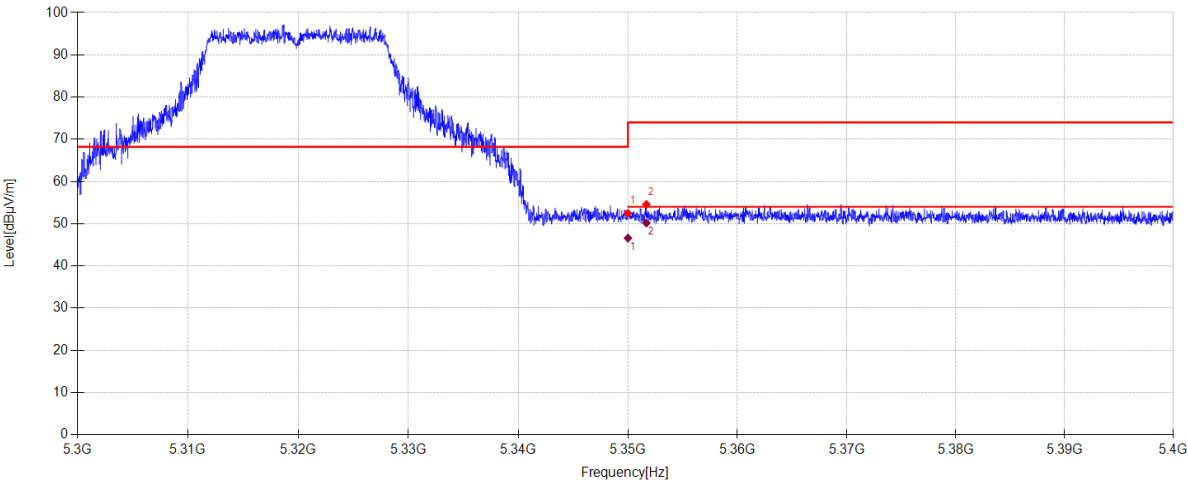
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Memo:

Sample Number: S24111411-006

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	43.56	33.10	5.41	-29.60	52.47	68.20	15.73	PK	Horizontal
2	5351.690	45.67	33.10	5.41	-29.60	54.58	74.00	19.42	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	37.68	33.10	5.41	46.59	54	7.41	AV	Horizontal	
2	5351.690	41.26	33.10	5.41	50.17	54	3.83	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5320 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

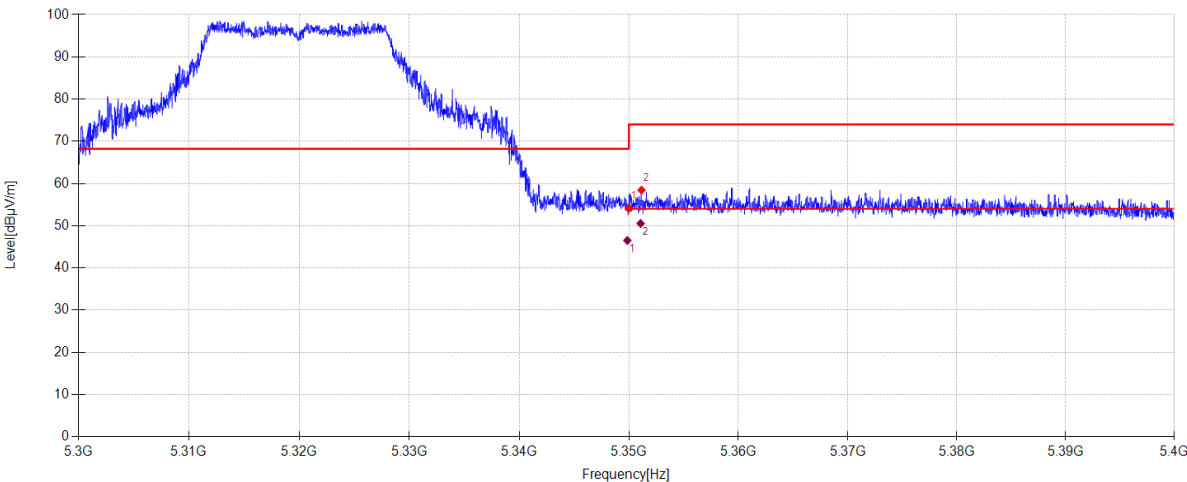
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Memo:

Sample Number: S24111411-006

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	45.15	33.10	5.41	-29.60	54.06	68.20	14.14	PK	Vertical
2	5351.150	49.53	33.10	5.41	-29.60	58.44	74.00	15.56	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	5349.857	37.59	33.10	5.41	46.50	54	7.50	AV	Vertical	
2	5351.073	41.63	33.10	5.41	50.54	54	3.46	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: 2024-11-15 Tested By: Guoyuan Lin

EUT: Multi-Channel Soundbar Model Number: BAR 300MK2

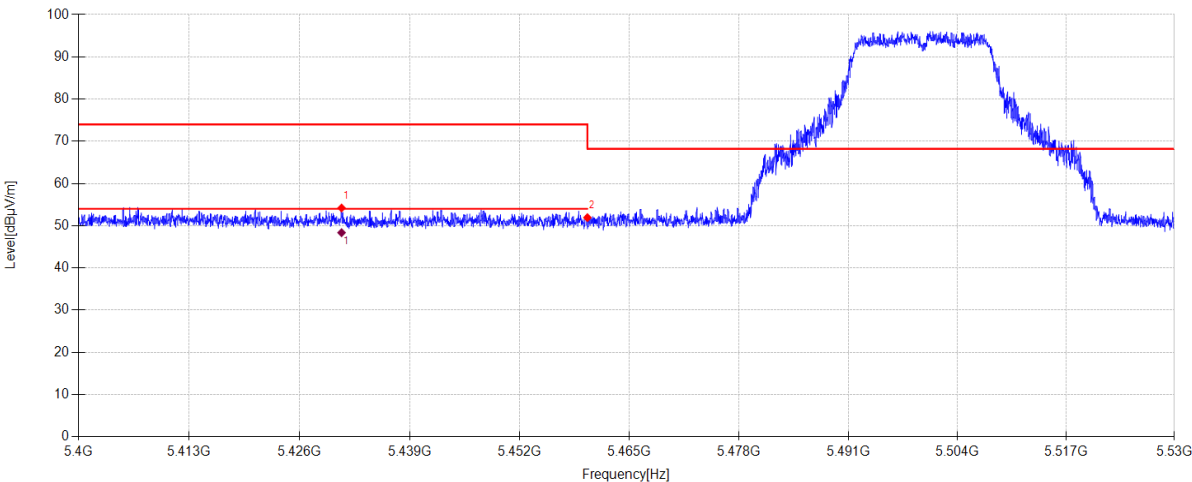
Test Mode: ANT2 11A 5500 MHz Tx mode Power Supply: AC 120V/60Hz

Condition: Temp:24.5°C;Humi:47.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\BAR 300\FCC RE Above 1G 5G\47

Memo: Sample Number: S24111411-006

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	5430.940	45.30	33.04	5.46	-29.60	54.20	74.00	19.80	PK	Horizontal
2	5460.000	43.04	33.00	5.48	-29.60	51.92	68.20	16.28	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	5430.940	39.46	33.04	5.46	48.36	54	5.64	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:

2024-11-15

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5500 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

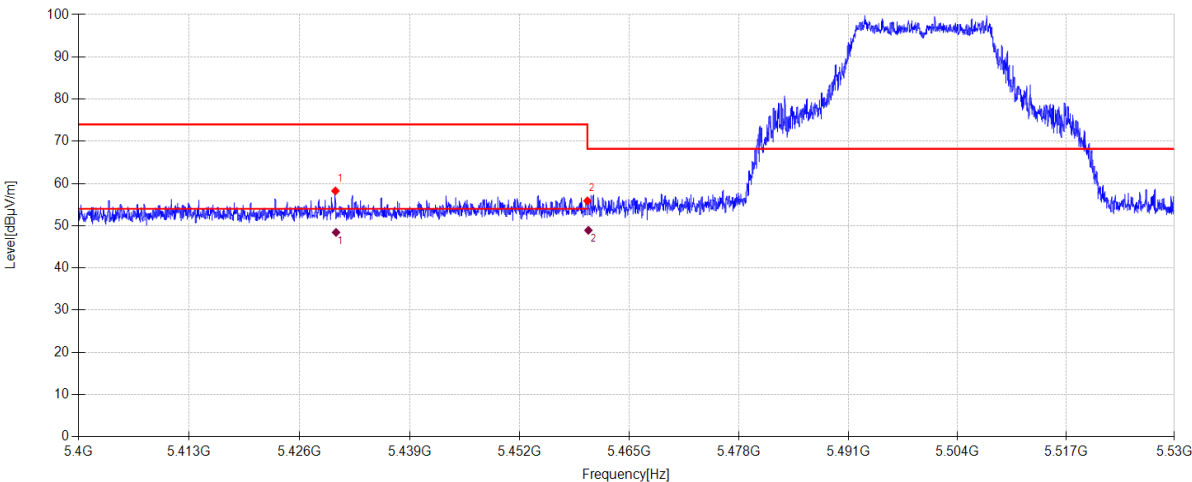
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Memo:

Sample Number: S24111411-006

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	5430.212	49.34	33.04	5.46	-29.60	58.24	74.00	15.76	PK	Vertical
2	5460.000	47.00	33.00	5.48	-29.60	55.88	68.20	12.32	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	5430.289	39.52	33.04	5.46	48.42	54	5.58	AV	Vertical	
2	5460.116	40.03	33.00	5.48	48.91	54	5.09	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5700 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

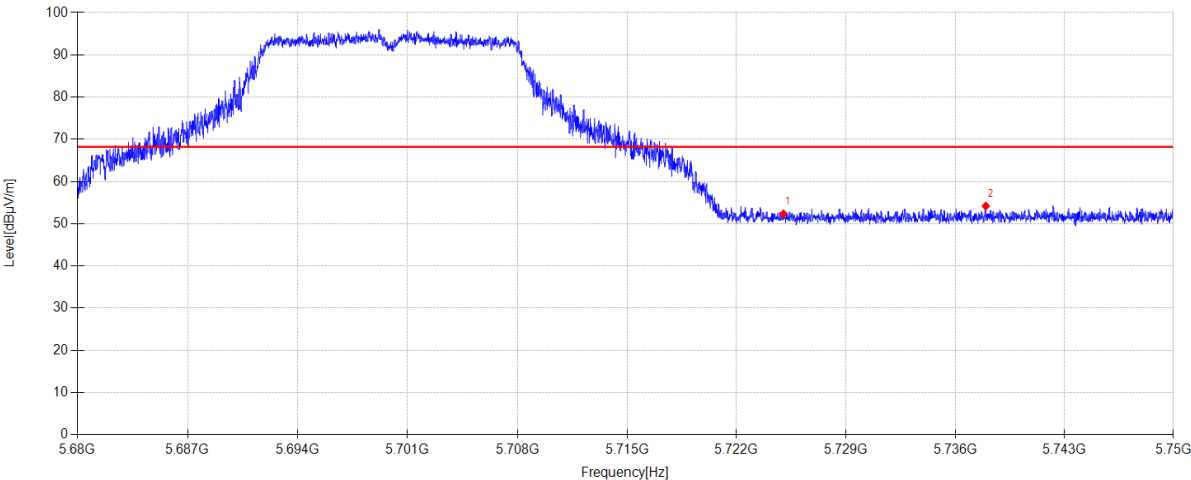
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Memo:

Sample Number: S24111411-006

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	42.53	33.75	5.66	-29.60	52.34	68.20	15.86	PK	Horizontal
2	5737.960	44.29	33.83	5.67	-29.60	54.19	68.20	14.01	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5700 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

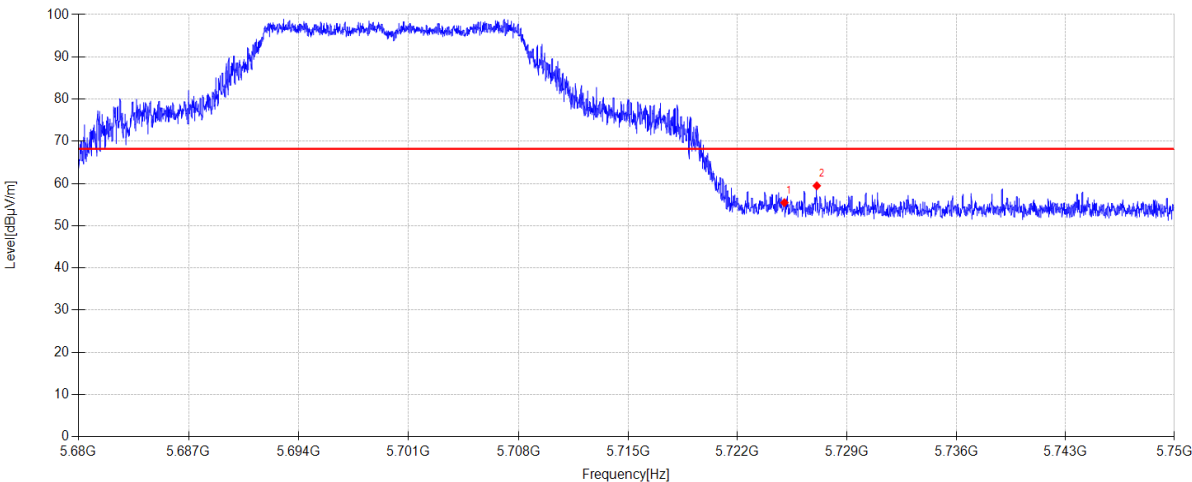
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d:\ts\2024 report data\BAR 300\FCC RE Above 1G 5G\50

Memo:

Sample Number: S24111411-006

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	45.66	33.75	5.66	-29.60	55.47	68.20	12.73	PK	Vertical
2	5727.068	49.64	33.76	5.66	-29.60	59.46	68.20	8.74	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-11-16

Tested By:Guoyuan Lin

EUT:Multi-Channel Soundbar

Model Number:BAR 300MK2

Test Mode:ANT2 11A 5720 MHz Tx mode

Power Supply:AC 120V/60Hz

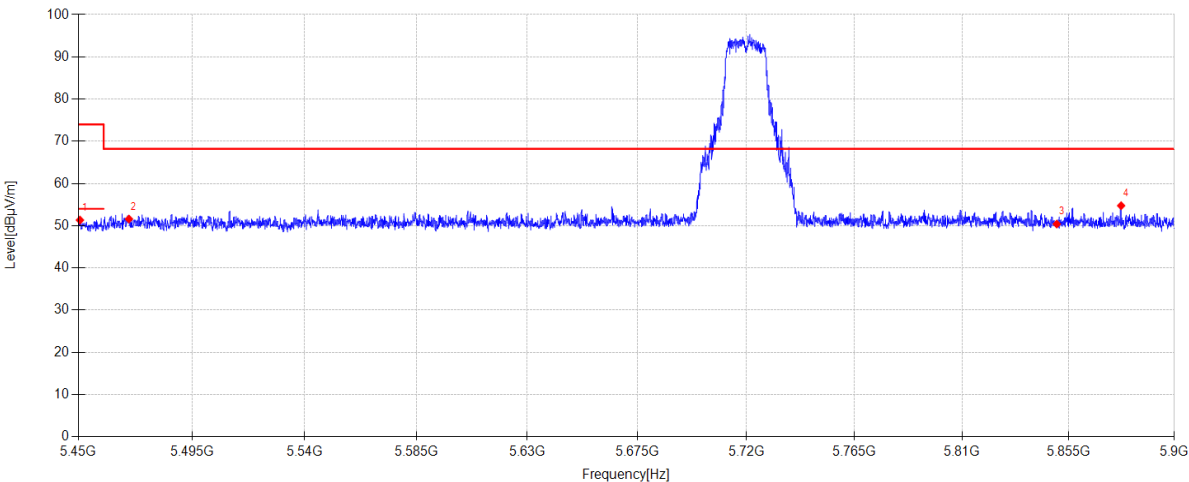
Condition:Temp:24.5°C;Humi:47.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\BAR 300\KUAYUE\19

Memo:Sample Number: S24111411-006

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	5450.630	42.45	33.00	5.48	-29.60	51.33	74.00	22.67	PK	Horizontal
2	5470.000	42.70	33.00	5.49	-29.60	51.59	68.20	16.61	PK	Horizontal
3	5850.000	40.26	34.00	5.74	-29.60	50.40	68.20	17.80	PK	Horizontal
4	5877.320	44.54	34.05	5.76	-29.60	54.75	68.20	13.45	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

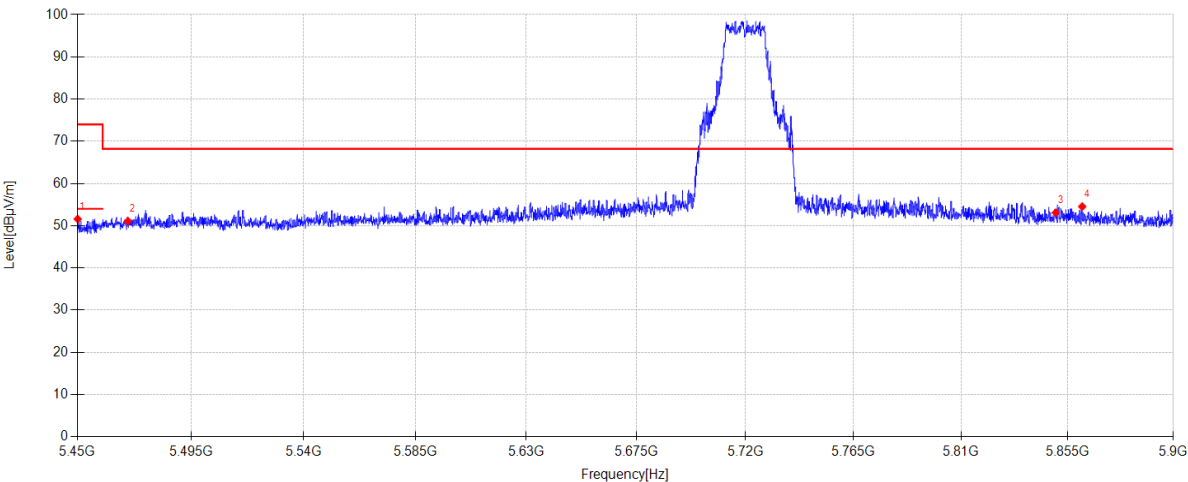
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Memo:

Sample Number: S24111411-006

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	5450.135	42.70	33.00	5.48	-29.60	51.58	74.00	22.42	PK	Vertical
2	5470.000	42.19	33.00	5.49	-29.60	51.08	68.20	17.12	PK	Vertical
3	5850.000	42.94	34.00	5.74	-29.60	53.08	68.20	15.12	PK	Vertical
4	5861.210	44.36	34.02	5.75	-29.60	54.53	68.20	13.67	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

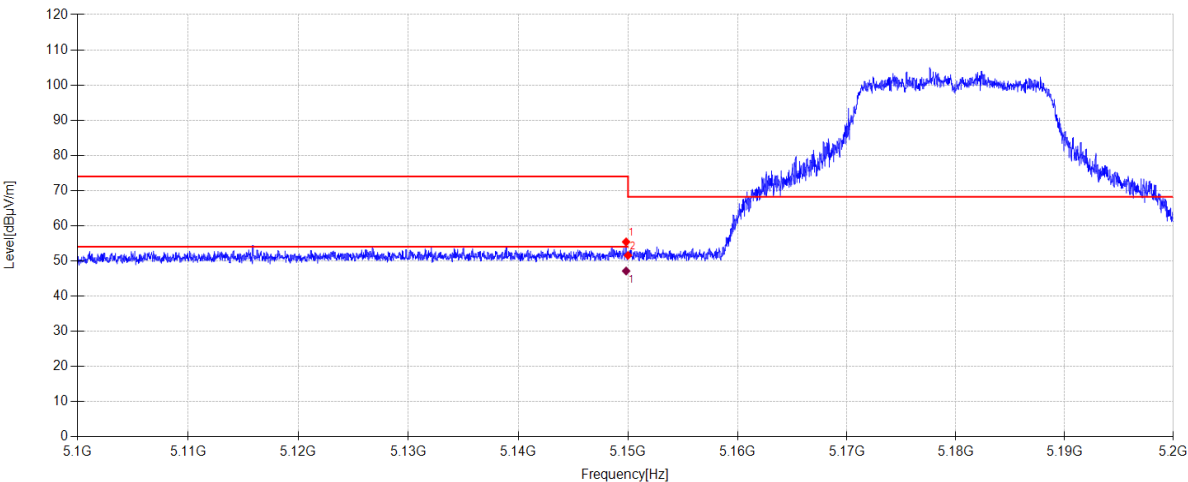
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.830	46.33	33.40	5.28	-29.60	55.41	74.00	18.59	PK	Horizontal
2	5150.000	42.48	33.40	5.28	-29.60	51.56	68.20	16.64	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5149.830	38.05	33.40	5.28	47.13	54	6.87	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

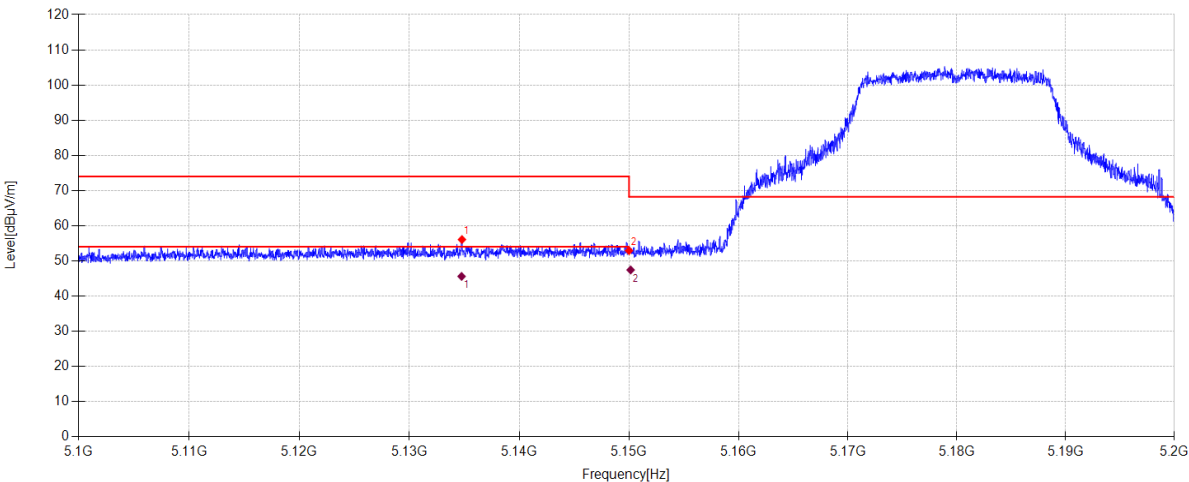
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5134.780	47.00	33.40	5.27	-29.60	56.07	74.00	17.93	PK	Vertical
2	5150.000	43.84	33.40	5.28	-29.60	52.92	68.20	15.28	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5134.747	36.53	33.40	5.27	45.60	54	8.40	AV	Vertical	
2	5150.149	38.35	33.40	5.28	47.43	54	6.57	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

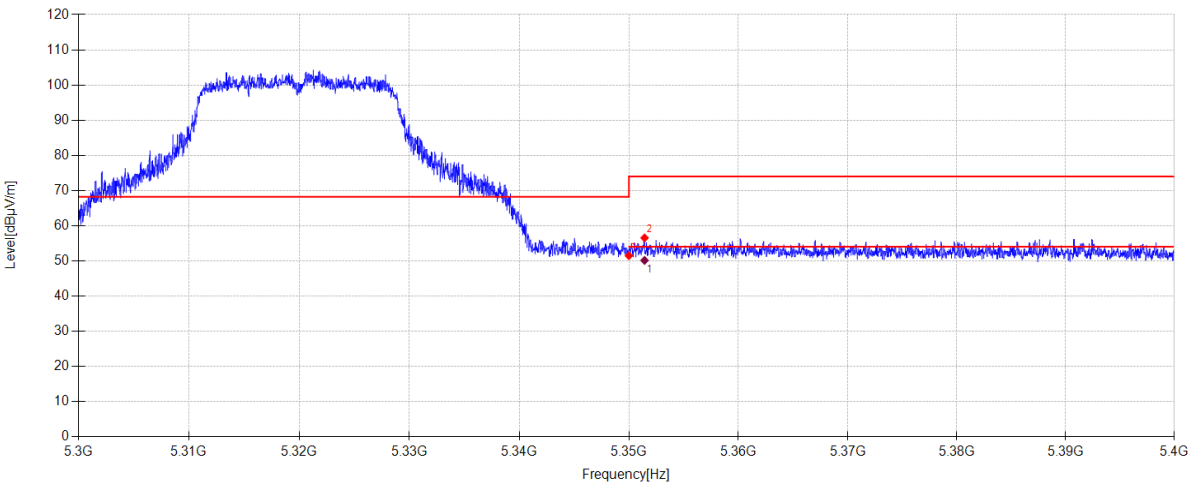
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.57	33.10	5.41	-29.60	51.48	68.20	16.72	PK	Horizontal
2	5351.430	47.63	33.10	5.41	-29.60	56.54	74.00	17.46	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5351.430	41.23	33.10	5.41	50.14	54	3.86	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

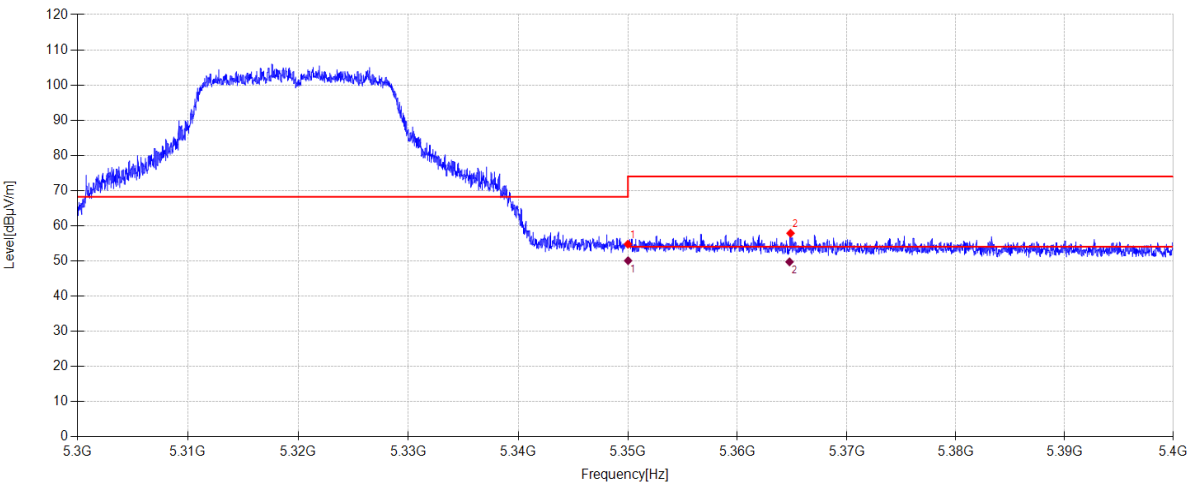
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	45.85	33.10	5.41	-29.60	54.76	68.20	13.44	PK	Vertical
2	5364.860	48.94	33.10	5.42	-29.60	57.86	74.00	16.14	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.016	41.15	33.10	5.41	50.06	54	3.94	AV	Vertical	
2	5364.771	40.81	33.10	5.42	49.73	54	4.27	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

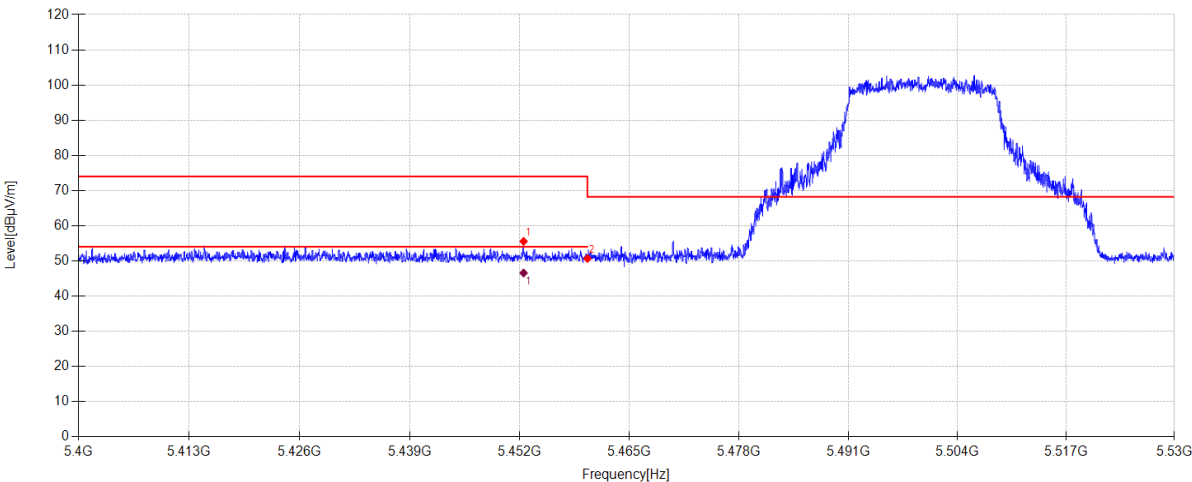
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.442	46.68	33.00	5.48	-29.60	55.56	74.00	18.44	PK	Horizontal
2	5460.000	41.80	33.00	5.48	-29.60	50.68	68.20	17.52	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5452.442	37.69	33.00	5.48	46.57	54	7.43	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

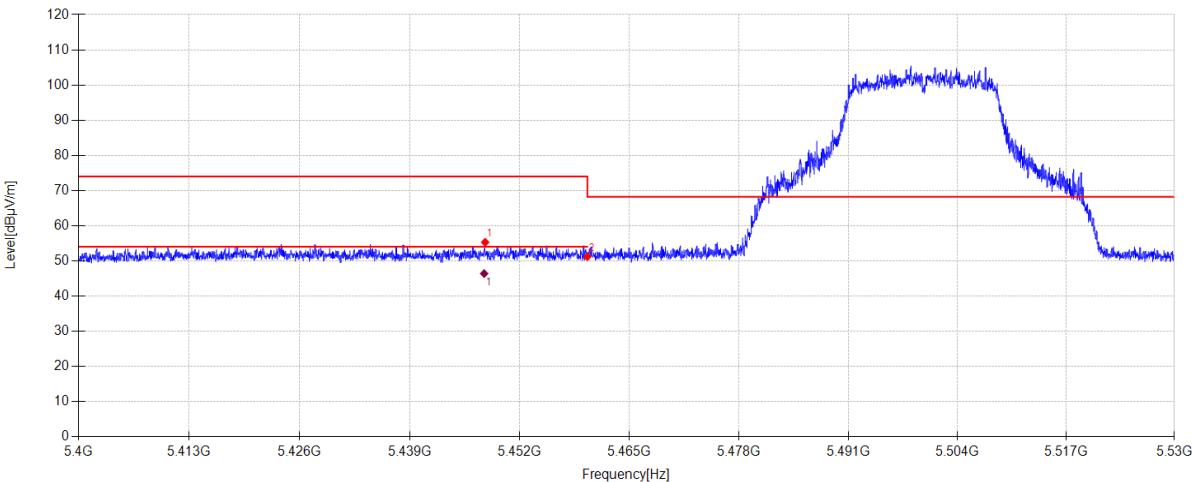
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5447.892	46.42	33.00	5.48	-29.60	55.30	74.00	18.70	PK	Vertical
2	5460.000	42.33	33.00	5.48	-29.60	51.21	68.20	16.99	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5447.772	37.51	33.00	5.48	46.39	54	7.61	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

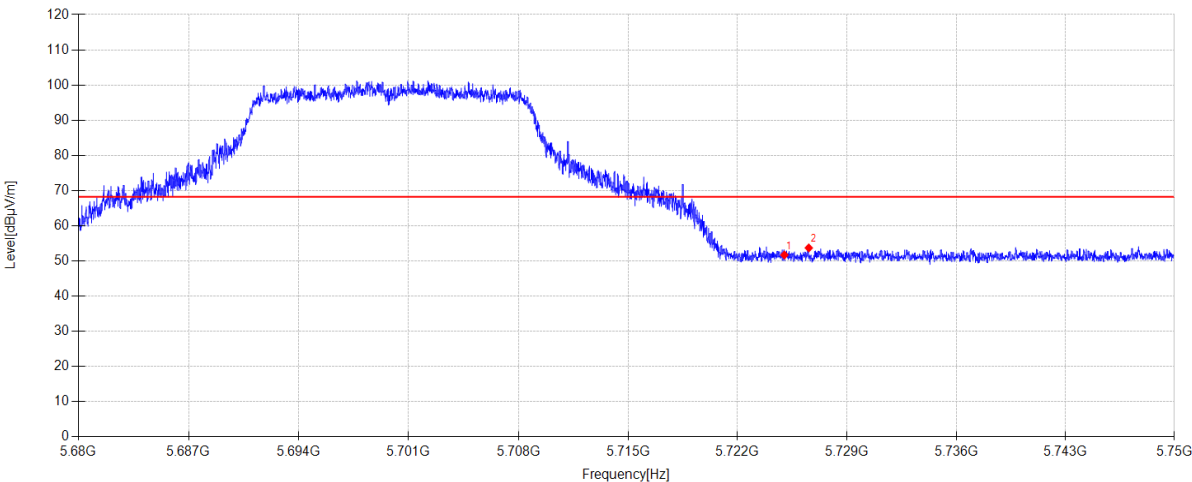
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.87	33.75	5.66	-29.60	51.68	68.20	16.52	PK	Horizontal
2	5726.557	43.87	33.76	5.66	-29.60	53.69	68.20	14.51	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

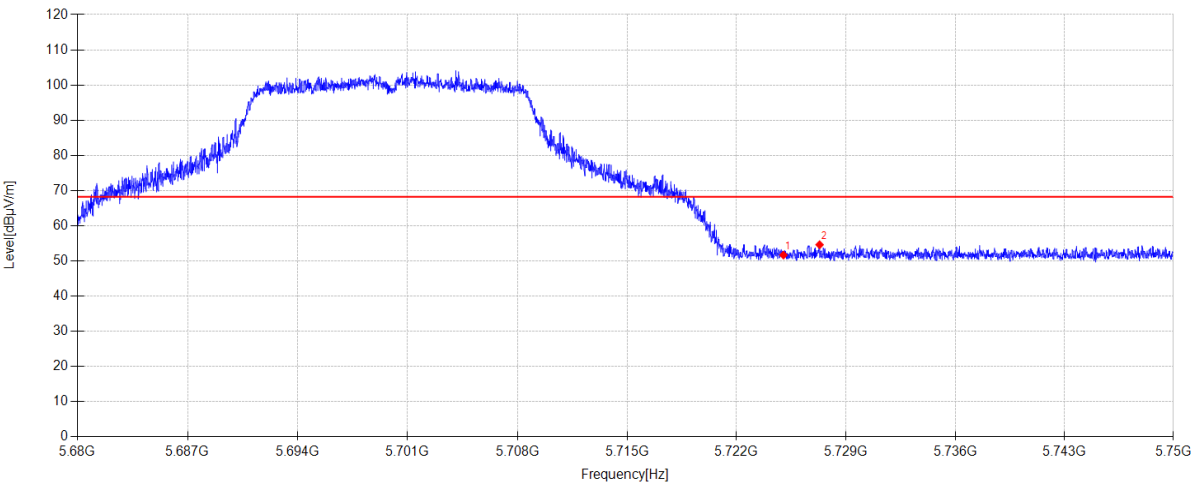
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.86	33.75	5.66	-29.60	51.67	68.20	16.53	PK	Vertical
2	5727.313	44.77	33.76	5.66	-29.60	54.59	68.20	13.61	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

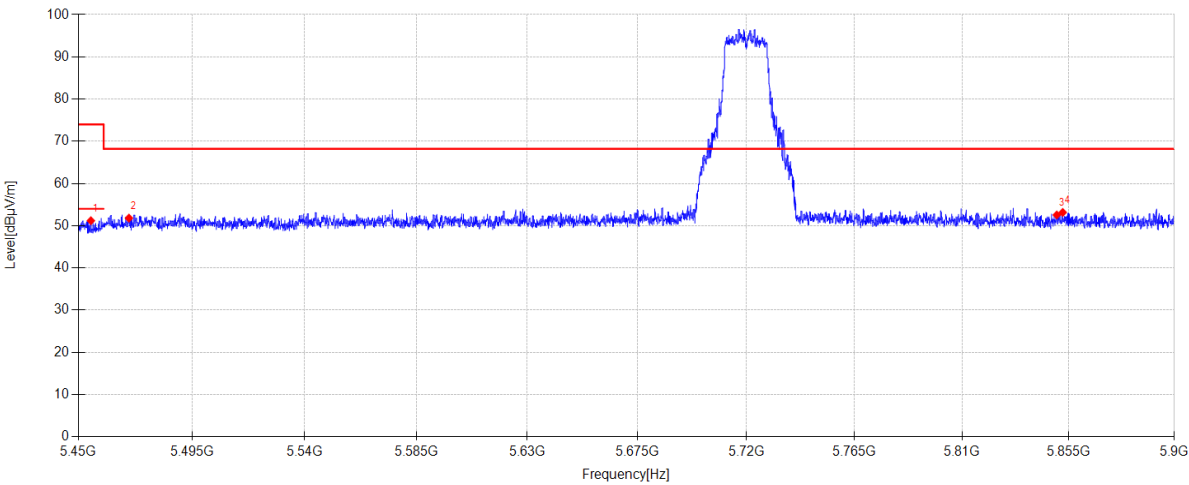
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Memo:

Sample Number: S24111411-006

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	5454.950	42.31	33.00	5.48	-29.60	51.19	74.00	22.81	PK	Horizontal
2	5470.000	42.91	33.00	5.49	-29.60	51.80	68.20	16.40	PK	Horizontal
3	5850.000	42.41	34.00	5.74	-29.60	52.55	68.20	15.65	PK	Horizontal
4	5852.525	43.00	34.01	5.74	-29.60	53.15	68.20	15.05	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

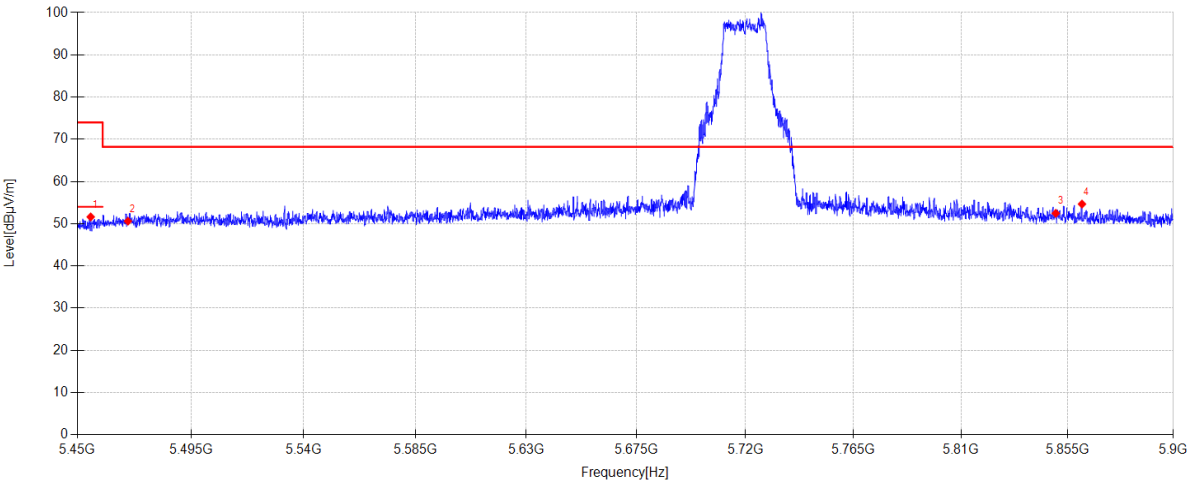
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Memo:

Sample Number: S24111411-006

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	5455.265	42.73	33.00	5.48	-29.60	51.61	74.00	22.39	PK	Vertical
2	5470.000	41.71	33.00	5.49	-29.60	50.60	68.20	17.60	PK	Vertical
3	5850.000	42.33	34.00	5.74	-29.60	52.47	68.20	15.73	PK	Vertical
4	5861.120	44.49	34.02	5.75	-29.60	54.66	68.20	13.54	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5190 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

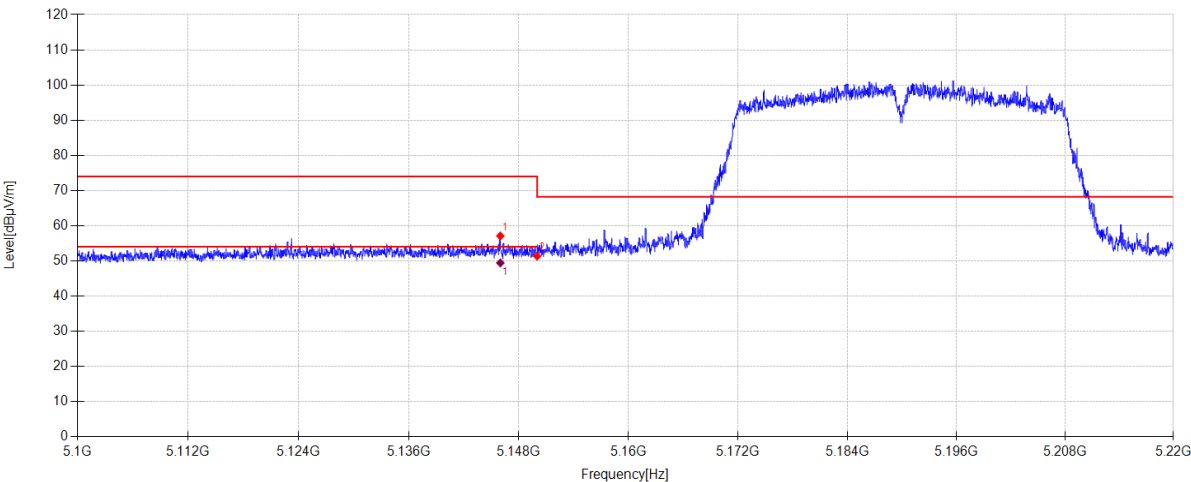
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.984	48.01	33.40	5.28	-29.60	57.09	74.00	16.91	PK	Horizontal
2	5150.000	42.27	33.40	5.28	-29.60	51.35	68.20	16.85	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5145.984	40.35	33.40	5.28	49.43	54	4.57	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5190 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

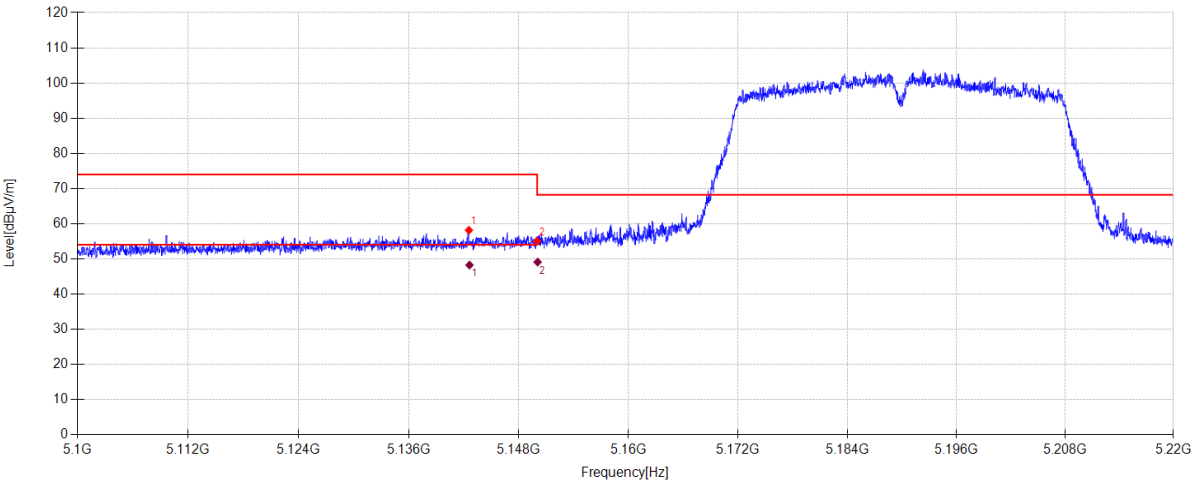
File Path:

d:\ts\2024 report data\BAR 300\0110 FCC Above 1G 5G\18

Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.552	49.07	33.40	5.27	-29.60	58.14	74.00	15.86	PK	Vertical
2	5150.000	45.97	33.40	5.28	-29.60	55.05	68.20	13.15	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5142.618	39.18	33.40	5.27	48.25	54	5.75	AV	Vertical	
2	5150.058	40.02	33.40	5.28	49.10	54	4.90	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

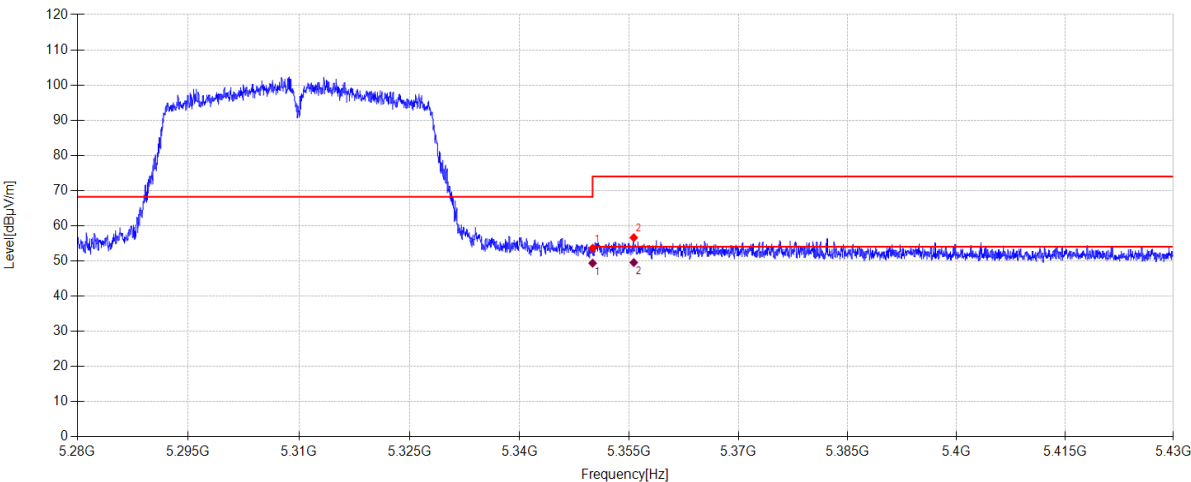
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d:\ts\2024 report data\BAR 300\0110 FCC Above 1G 5G\19

Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	44.72	33.10	5.41	-29.60	53.63	68.20	14.57	PK	Horizontal
2	5355.630	47.71	33.10	5.41	-29.60	56.62	74.00	17.38	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	40.44	33.10	5.41	49.35	54	4.65	AV	Horizontal	
2	5355.630	40.62	33.10	5.41	49.53	54	4.47	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

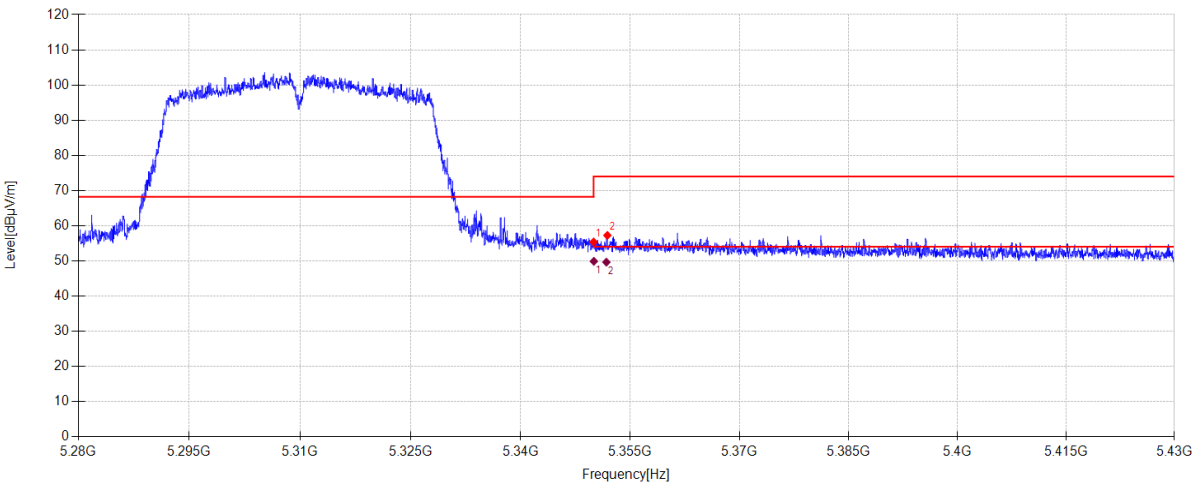
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	46.47	33.10	5.41	-29.60	55.38	68.20	12.82	PK	Vertical
2	5351.880	48.35	33.10	5.41	-29.60	57.26	74.00	16.74	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.031	40.98	33.10	5.41	49.89	54	4.11	AV	Vertical	
2	5351.744	40.74	33.10	5.41	49.65	54	4.35	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

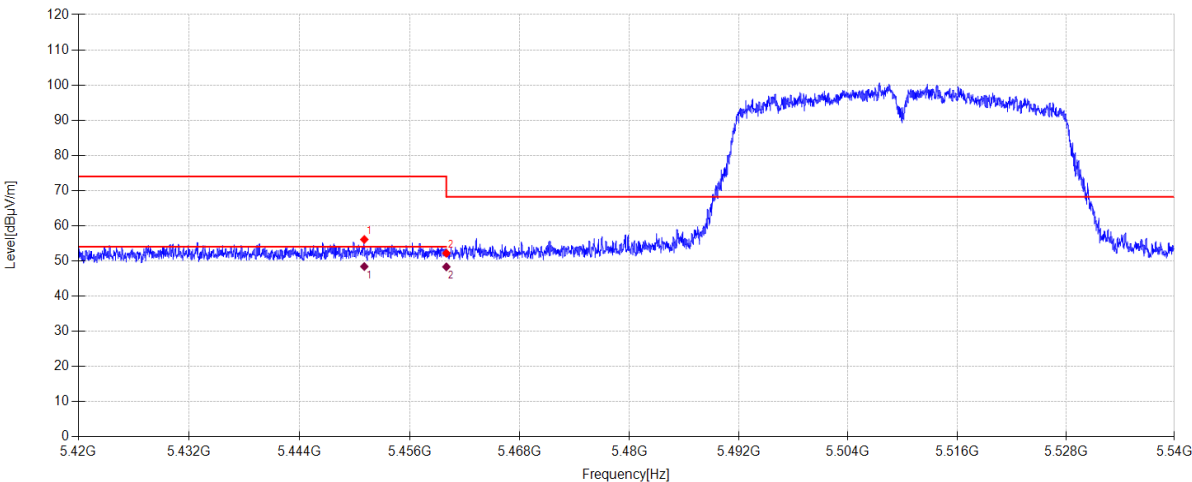
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.056	47.20	33.00	5.48	-29.60	56.08	74.00	17.92	PK	Horizontal
2	5460.000	43.30	33.00	5.48	-29.60	52.18	68.20	16.02	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5451.056	39.52	33.00	5.48	48.40	54	5.60	AV	Horizontal	
2	5460.000	39.43	33.00	5.48	48.31	54	5.69	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

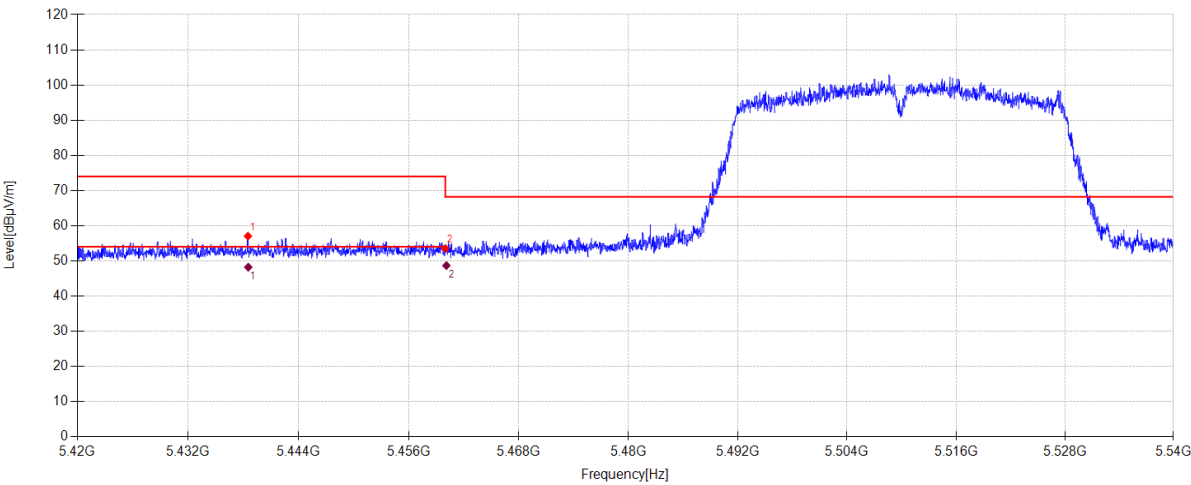
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5438.504	48.15	33.02	5.47	-29.60	57.04	74.00	16.96	PK	Vertical
2	5460.000	44.65	33.00	5.48	-29.60	53.53	68.20	14.67	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5438.542	39.32	33.02	5.47	48.21	54	5.79	AV	Vertical	
2	5460.116	39.79	33.00	5.48	48.67	54	5.33	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

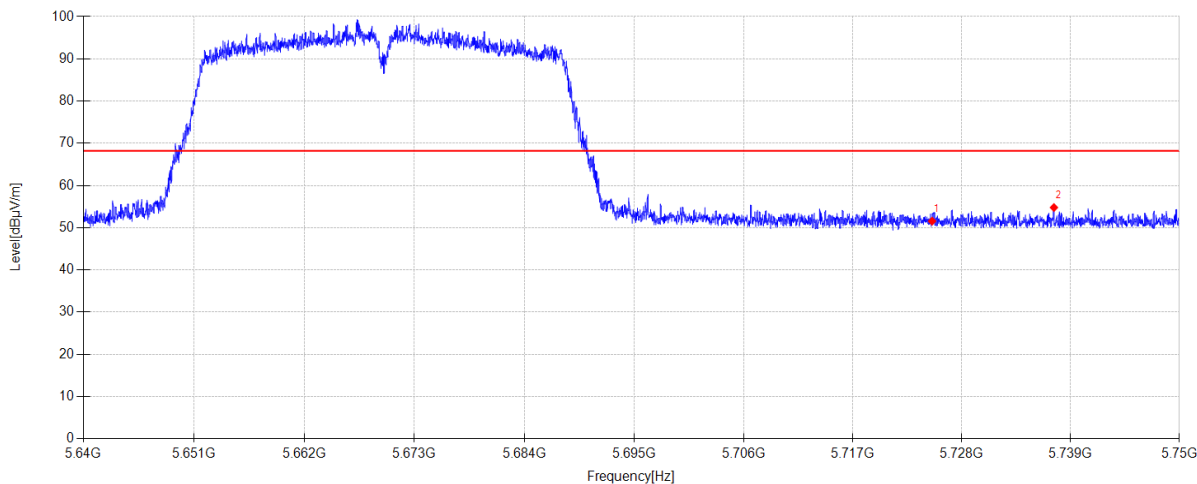
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.75	33.75	5.66	-29.60	51.56	68.20	16.64	PK	Horizontal
2	5737.306	44.90	33.82	5.67	-29.60	54.79	68.20	13.41	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:

2025-01-10

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

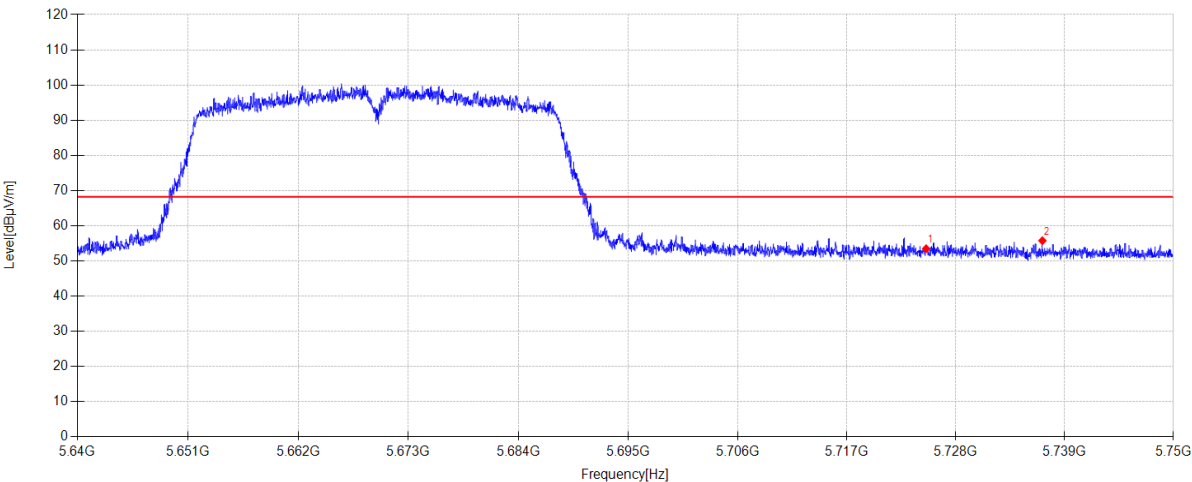
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	43.66	33.75	5.66	-29.60	53.47	68.20	14.73	PK	Vertical
2	5736.745	45.86	33.82	5.67	-29.60	55.75	68.20	12.45	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5710 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

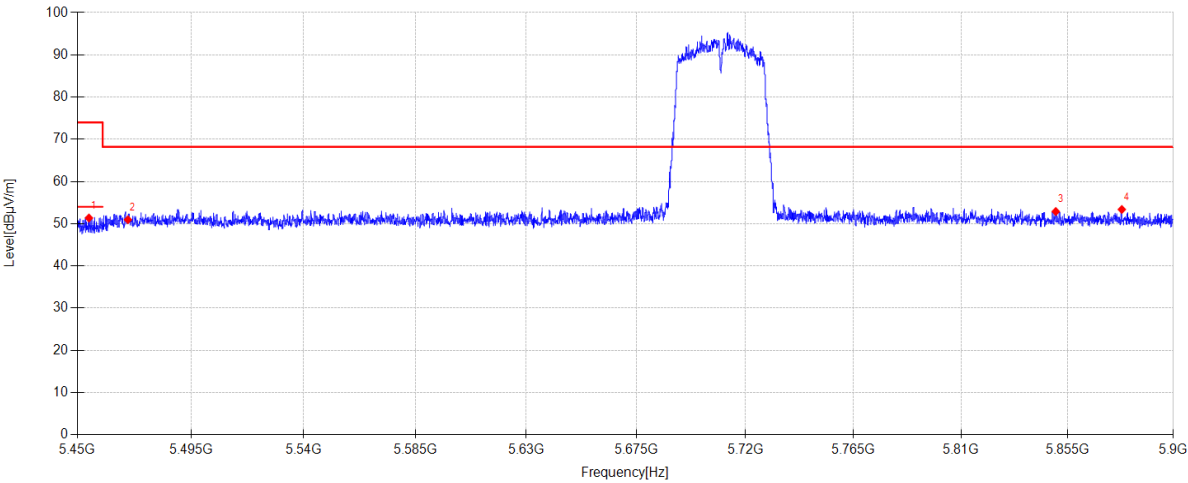
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Memo:

Sample Number: S24111411-006

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	5454.590	42.48	33.00	5.48	-29.60	51.36	74.00	22.64	PK	Horizontal
2	5470.000	42.07	33.00	5.49	-29.60	50.96	68.20	17.24	PK	Horizontal
3	5850.000	42.76	34.00	5.74	-29.60	52.90	68.20	15.30	PK	Horizontal
4	5878.040	43.16	34.06	5.76	-29.60	53.38	68.20	14.82	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5710 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

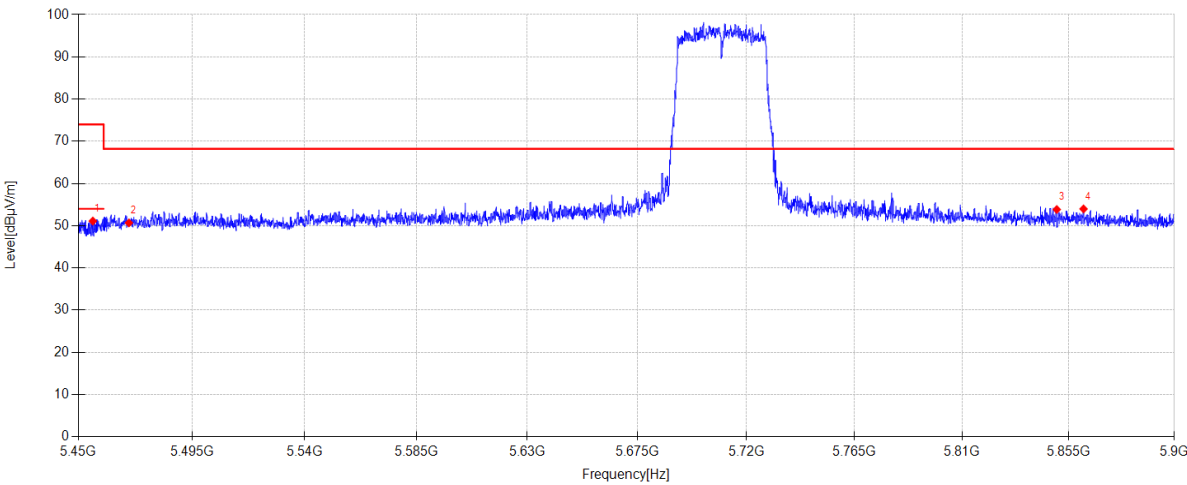
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Memo:

Sample Number: S24111411-006

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	5455.715	42.23	33.00	5.48	-29.60	51.11	74.00	22.89	PK	Vertical
2	5470.000	41.78	33.00	5.49	-29.60	50.67	68.20	17.53	PK	Vertical
3	5850.000	43.71	34.00	5.74	-29.60	53.85	68.20	14.35	PK	Vertical
4	5861.345	43.81	34.02	5.75	-29.60	53.98	68.20	14.22	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5180 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

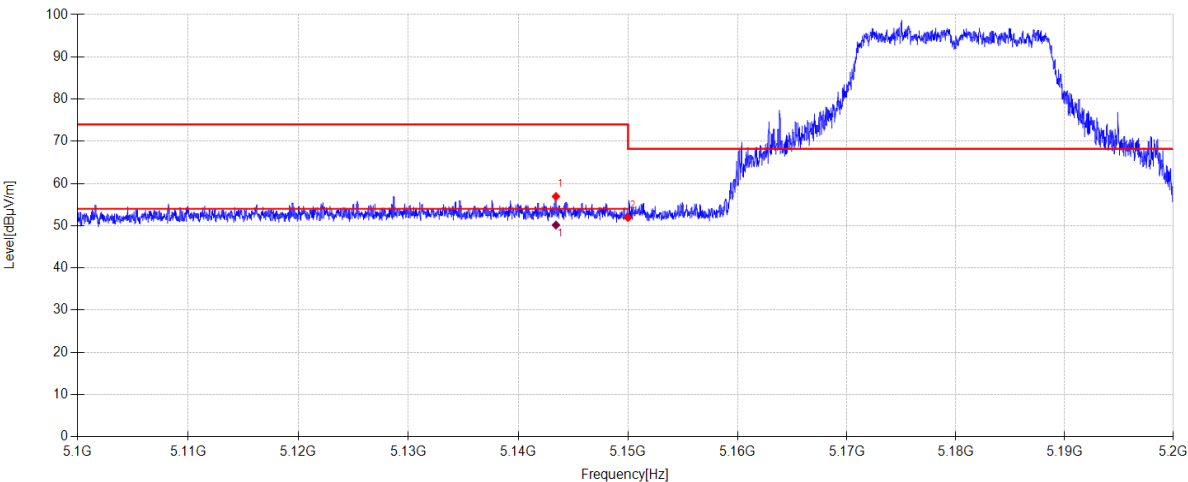
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Memo:

Sample Number: S24111411-006

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	5143.430	47.86	33.40	5.27	-29.60	56.93	74.00	17.07	PK	Horizontal
2	5150.000	42.83	33.40	5.28	-29.60	51.91	68.20	16.29	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	5143.430	41.08	33.40	5.27	50.15	54	3.85	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5180 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

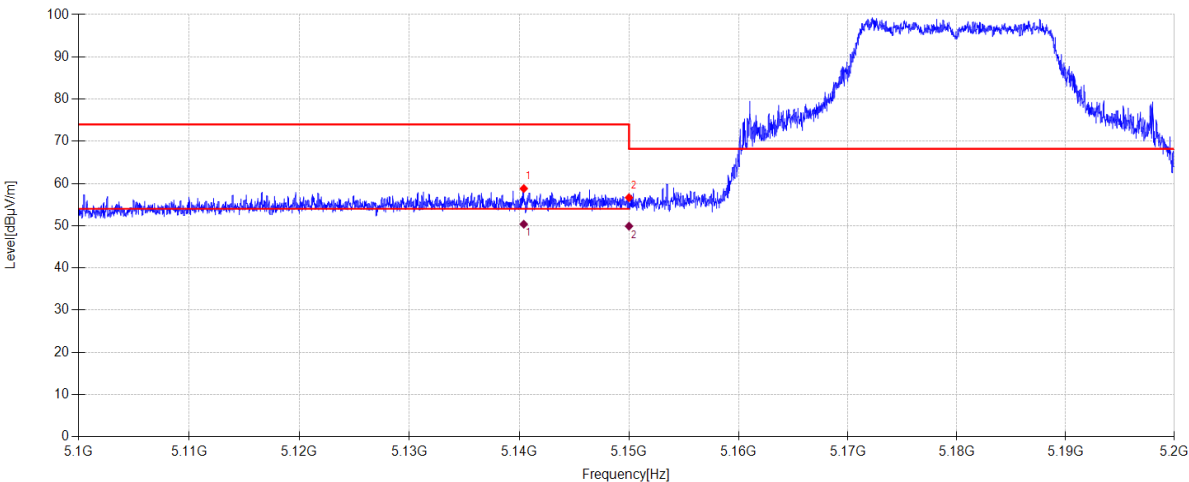
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Memo:

Sample Number: S24111411-006

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	5140.410	49.73	33.40	5.27	-29.60	58.80	74.00	15.20	PK	Vertical
2	5150.000	47.58	33.40	5.28	-29.60	56.66	68.20	11.54	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	5140.410	41.29	33.40	5.27	50.36	54	3.64	AV	Vertical	
2	5150.000	40.82	33.40	5.28	49.90	54	4.10	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5320 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

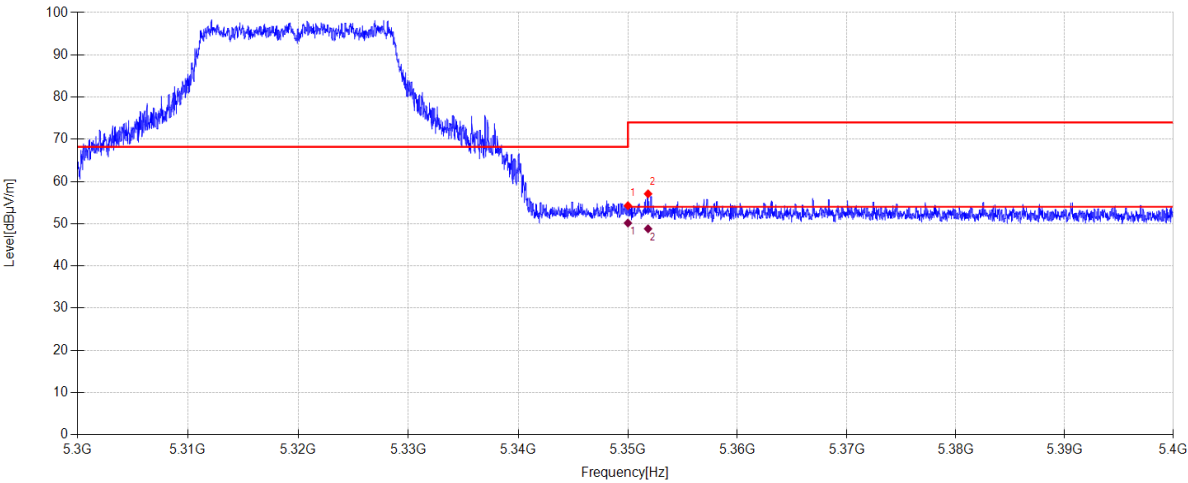
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Memo:

Sample Number: S24111411-006

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	45.36	33.10	5.41	-29.60	54.27	68.20	13.93	PK	Horizontal
2	5351.840	48.17	33.10	5.41	-29.60	57.08	74.00	16.92	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	41.25	33.10	5.41	50.16	54	3.84	AV	Horizontal	
2	5351.840	39.89	33.10	5.41	48.80	54	5.20	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5320 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

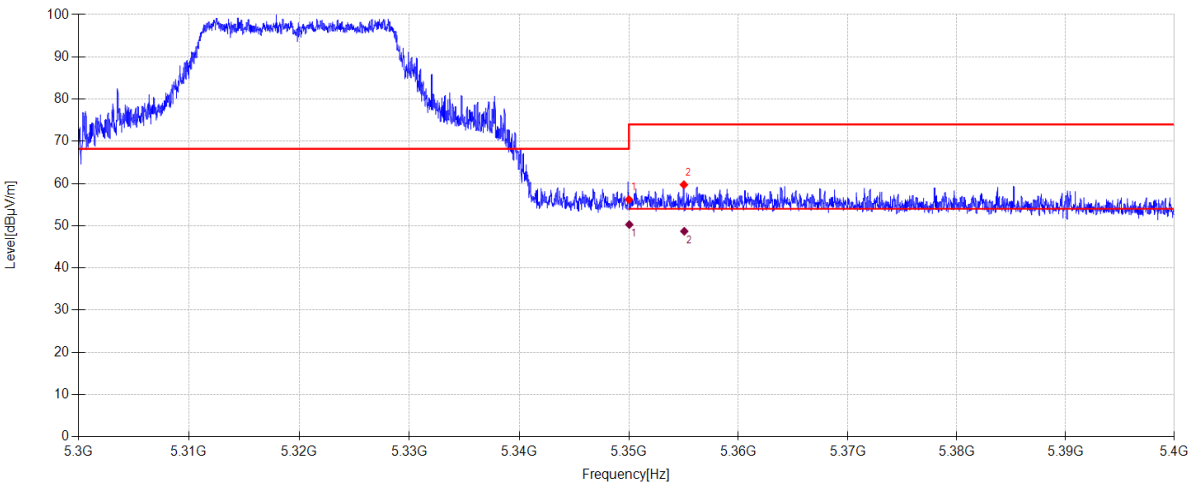
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Memo:

Sample Number: S24111411-006

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	47.29	33.10	5.41	-29.60	56.20	68.20	12.00	PK	Vertical
2	5355.020	50.81	33.10	5.41	-29.60	59.72	74.00	14.28	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	5350.035	41.36	33.10	5.41	50.27	54	3.73	AV	Vertical	
2	5355.054	39.77	33.10	5.41	48.68	54	5.32	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5500 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

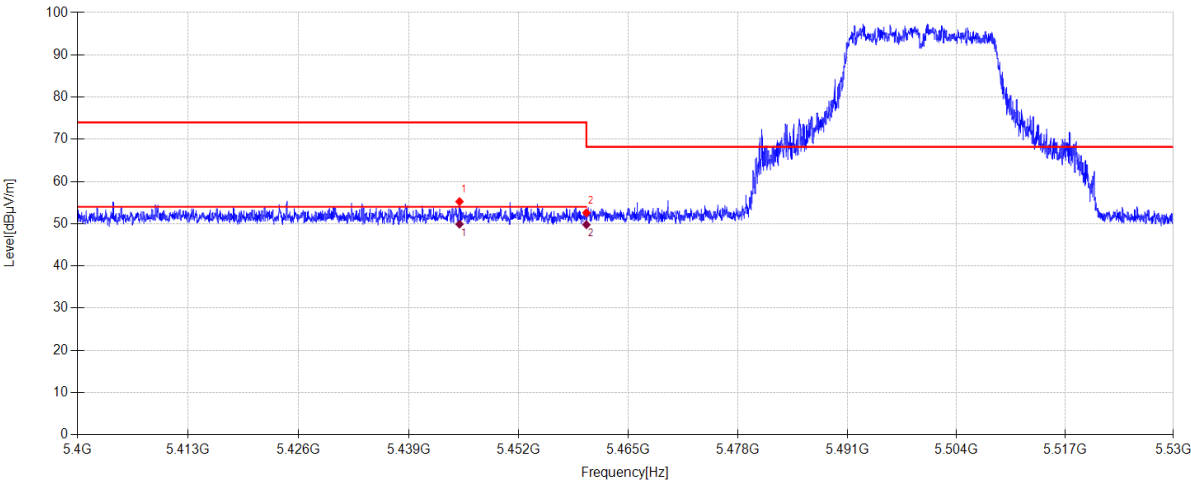
File Path:

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Memo:

Sample Number: S24111411-006

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	5444.980	46.37	33.01	5.47	-29.60	55.25	74.00	18.75	PK	Horizontal
2	5460.000	43.70	33.00	5.48	-29.60	52.58	68.20	15.62	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	5444.980	41.02	33.01	5.47	49.90	54	4.10	AV	Horizontal	
2	5460.000	40.89	33.00	5.48	49.77	54	4.23	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5500 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

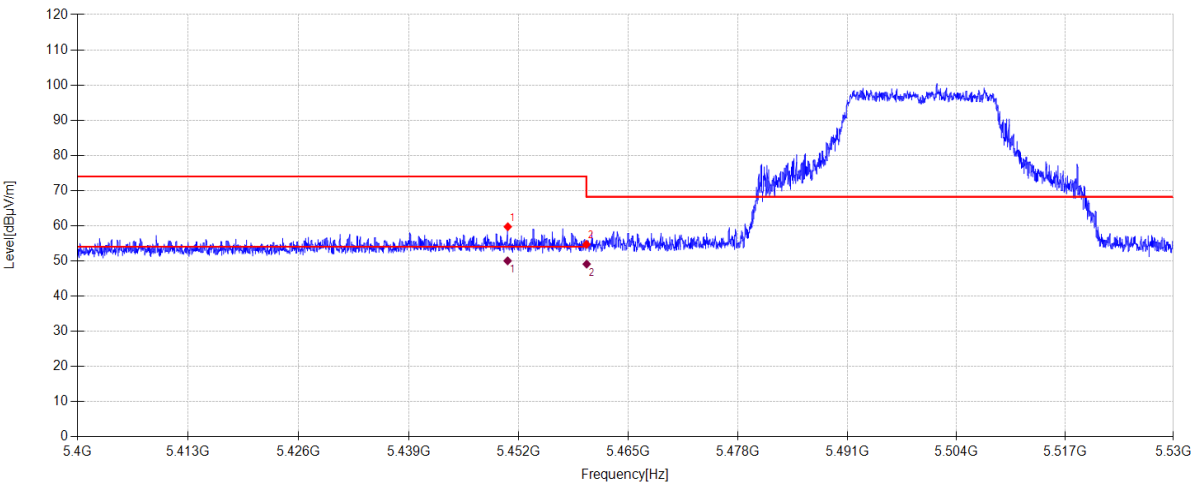
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d:\ts\2024 report data\BAR 300\FCC RE Above 1G 5G\70

Memo:

Sample Number: S24111411-006

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	5450.687	50.83	33.00	5.48	-29.60	59.71	74.00	14.29	PK	Vertical
2	5460.000	45.82	33.00	5.48	-29.60	54.70	68.20	13.50	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	5450.667	41.14	33.00	5.48	50.02	54	3.98	AV	Vertical
2	5460.030	40.22	33.00	5.48	49.10	54	4.90	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5700 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

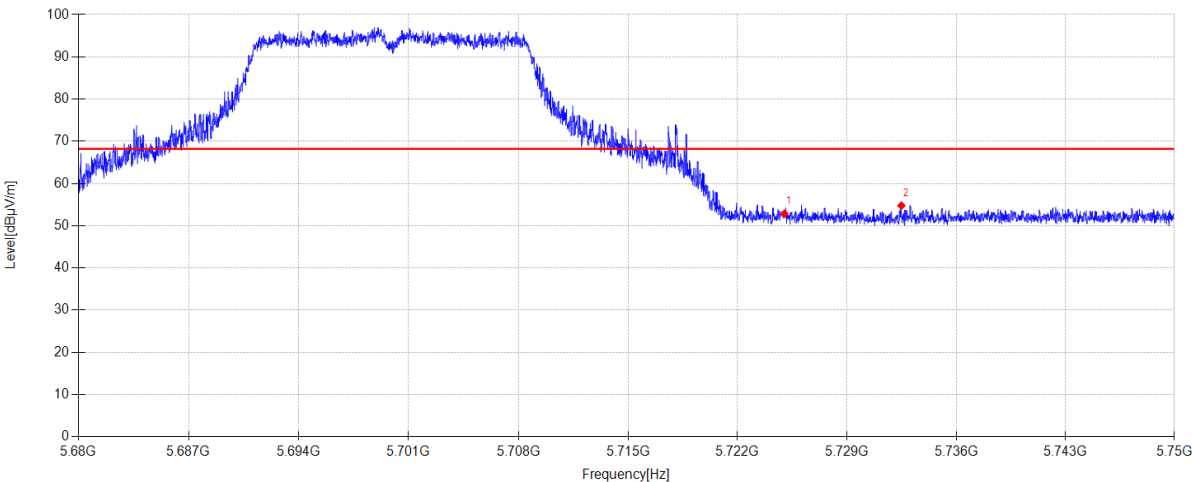
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d:\ts\2024 report data\BAR 300\FCC RE Above 1G 5G\71

Memo:

Sample Number: S24111411-006

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	43.03	33.75	5.66	-29.60	52.84	68.20	15.36	PK	Horizontal
2	5732.486	44.90	33.79	5.66	-29.60	54.75	68.20	13.45	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5700 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

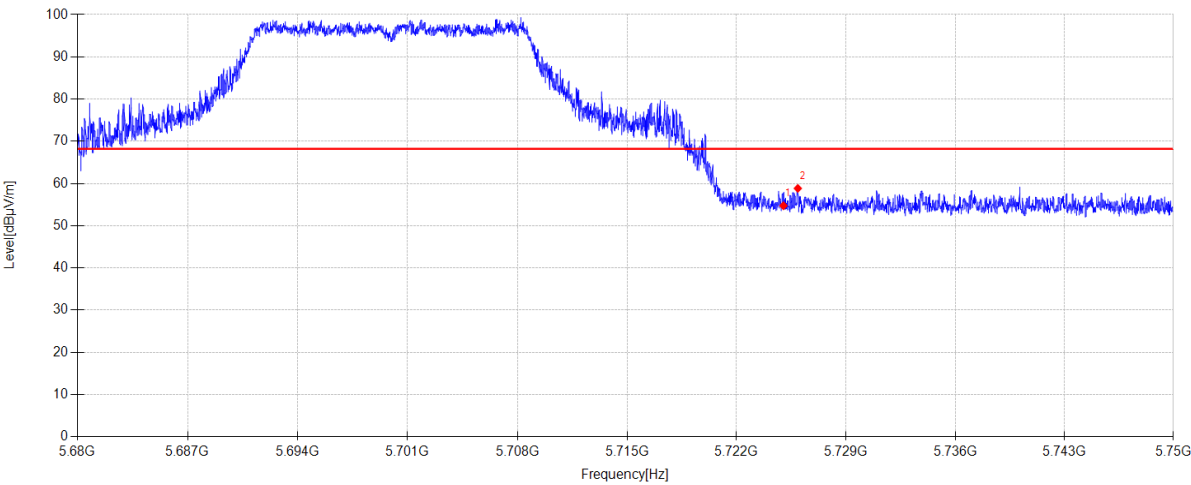
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Memo:

Sample Number: S24111411-006

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	44.92	33.75	5.66	-29.60	54.73	68.20	13.47	PK	Vertical
2	5725.920	49.02	33.76	5.66	-29.60	58.84	68.20	9.36	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

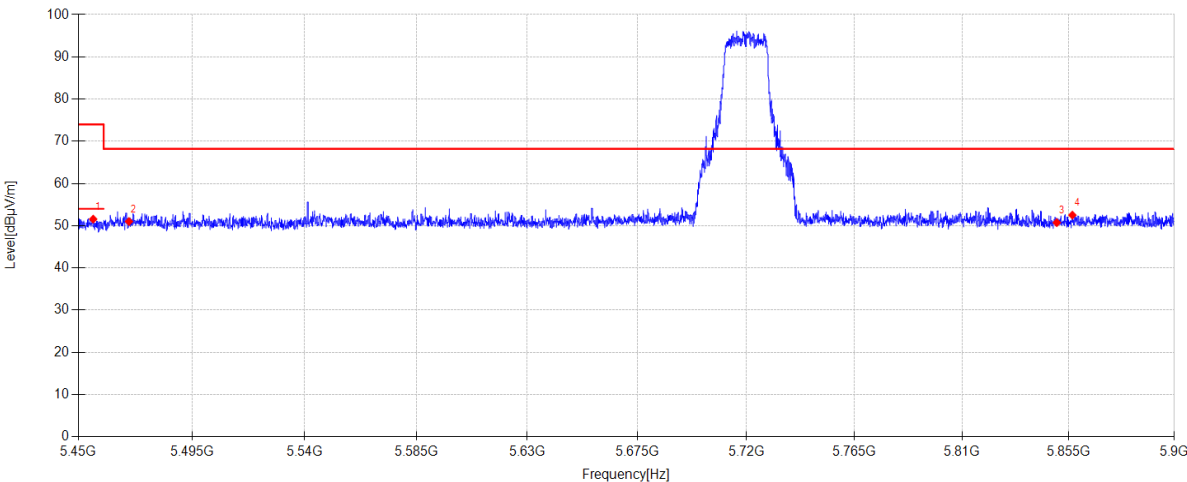
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Memo:

Sample Number: S24111411-006

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	5455.850	42.68	33.00	5.48	-29.60	51.56	74.00	22.44	PK	Horizontal
2	5470.000	42.11	33.00	5.49	-29.60	51.00	68.20	17.20	PK	Horizontal
3	5850.000	40.60	34.00	5.74	-29.60	50.74	68.20	17.46	PK	Horizontal
4	5856.620	42.36	34.01	5.75	-29.60	52.52	68.20	15.68	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

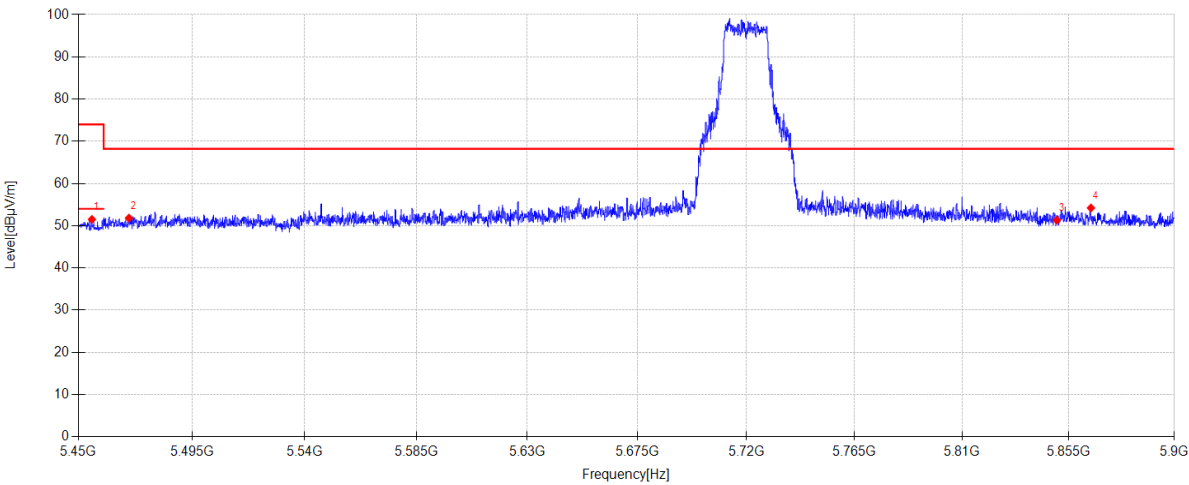
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Memo:

Sample Number: S24111411-006

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	5455.355	42.62	33.00	5.48	-29.60	51.50	74.00	22.50	PK	Vertical
2	5470.000	42.91	33.00	5.49	-29.60	51.80	68.20	16.40	PK	Vertical
3	5850.000	41.17	34.00	5.74	-29.60	51.31	68.20	16.89	PK	Vertical
4	5864.495	44.03	34.03	5.75	-29.60	54.21	68.20	13.99	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5190 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

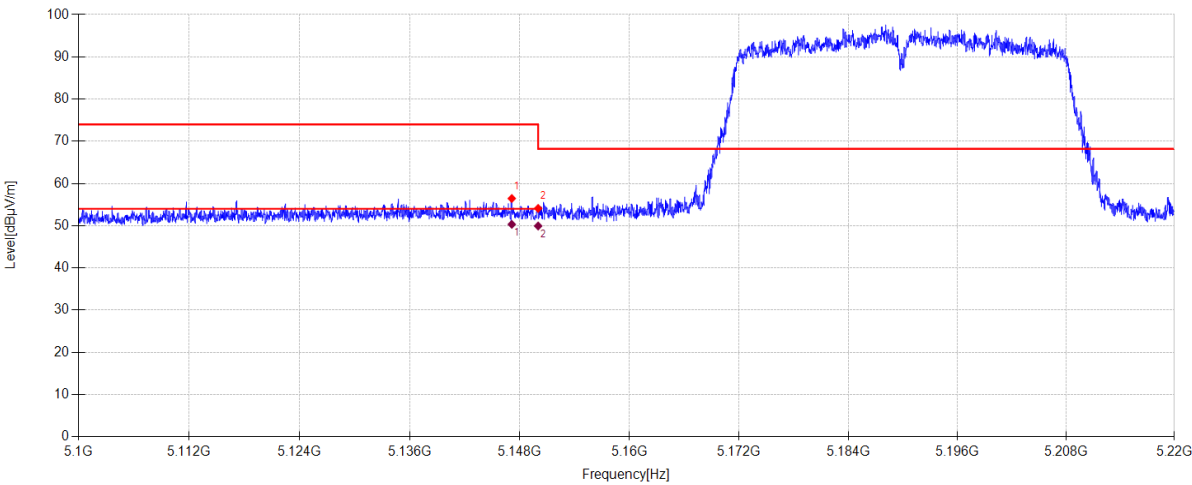
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Memo:

Sample Number: S24111411-006

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	5147.124	47.37	33.40	5.28	-29.60	56.45	74.00	17.55	PK	Horizontal
2	5150.000	45.02	33.40	5.28	-29.60	54.10	68.20	14.10	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	5147.124	41.25	33.40	5.28	50.33	54	3.67	AV	Horizontal	
2	5150.000	40.86	33.40	5.28	49.94	54	4.06	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5190 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

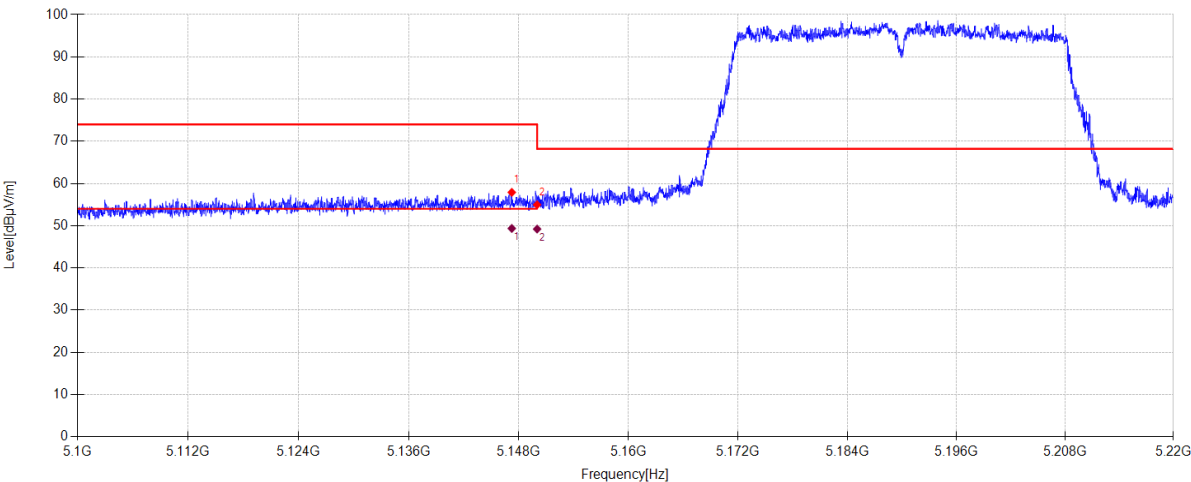
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Memo:

Sample Number: S24111411-006

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	5147.232	48.83	33.40	5.28	-29.60	57.91	74.00	16.09	PK	Vertical
2	5150.000	45.89	33.40	5.28	-29.60	54.97	68.20	13.23	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	5147.232	40.28	33.40	5.28	49.36	54	4.64	AV	Vertical	
2	5150.000	40.13	33.40	5.28	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5310 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

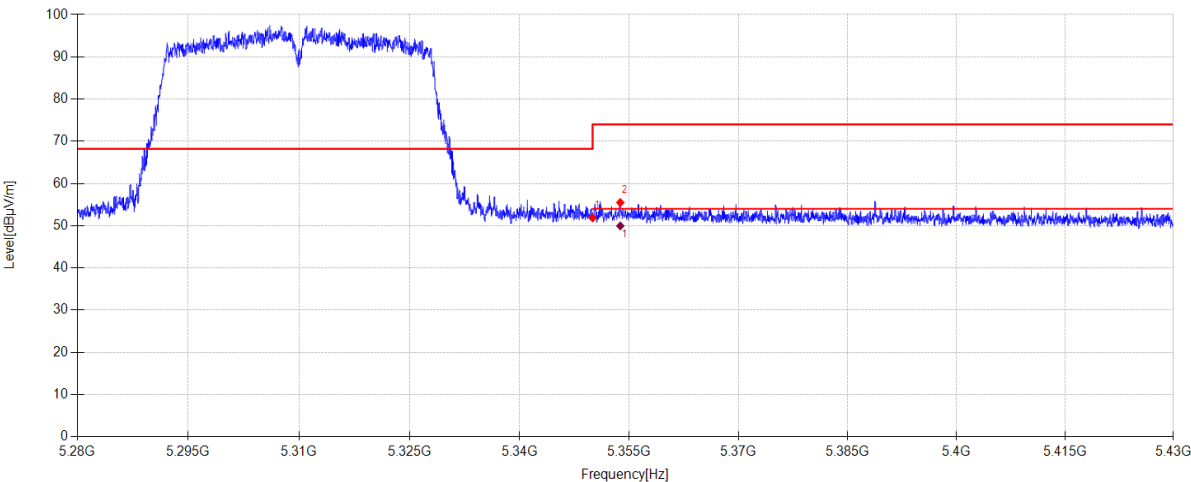
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Memo:

Sample Number: S24111411-006

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	42.94	33.10	5.41	-29.60	51.85	68.20	16.35	PK	Horizontal
2	5353.785	46.58	33.10	5.41	-29.60	55.49	74.00	18.51	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	5353.785	41.04	33.10	5.41	49.95	54	24.05	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5310 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

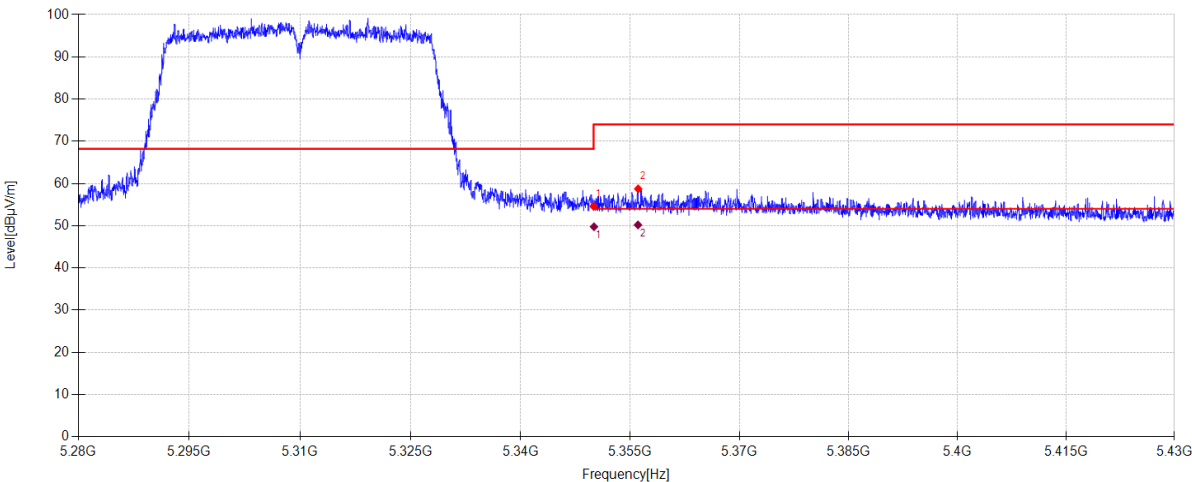
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Memo:

Sample Number: S24111411-006

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	5356.095	49.82	33.10	5.42	-29.60	58.74	74.00	15.26	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	5350.049	40.84	33.10	5.41	49.75	54	4.25	AV	Vertical
2	5356.066	41.27	33.10	5.42	50.19	54	3.81	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5510 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

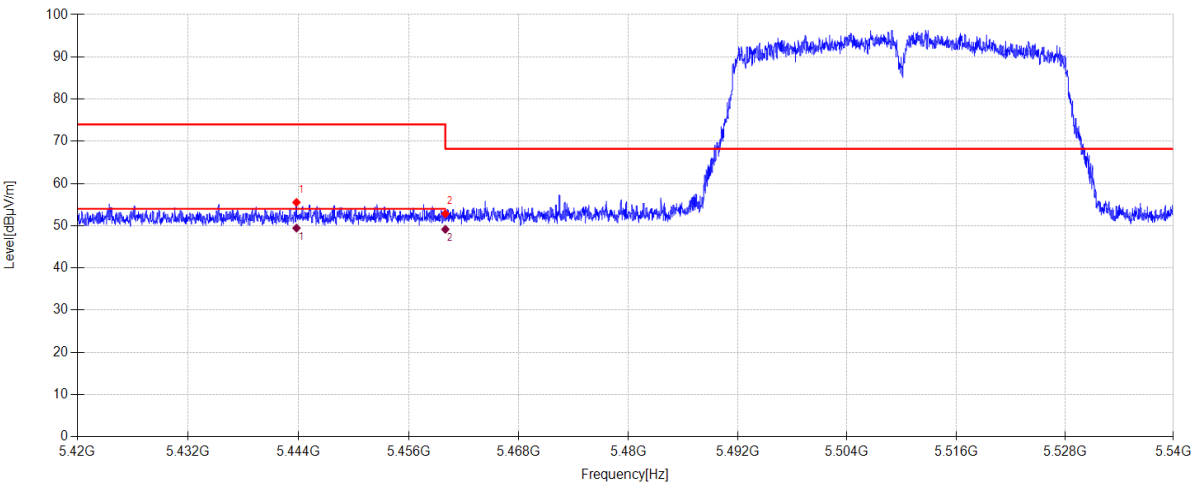
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Memo:

Sample Number: S24111411-006

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	5443.784	46.65	33.01	5.47	-29.60	55.53	74.00	18.47	PK	Horizontal
2	5460.000	43.96	33.00	5.48	-29.60	52.84	68.20	15.36	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	5443.784	40.56	33.01	5.47	49.44	54	4.56	AV	Horizontal	
2	5460.000	40.27	33.00	5.48	49.15	54	4.85	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5510 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

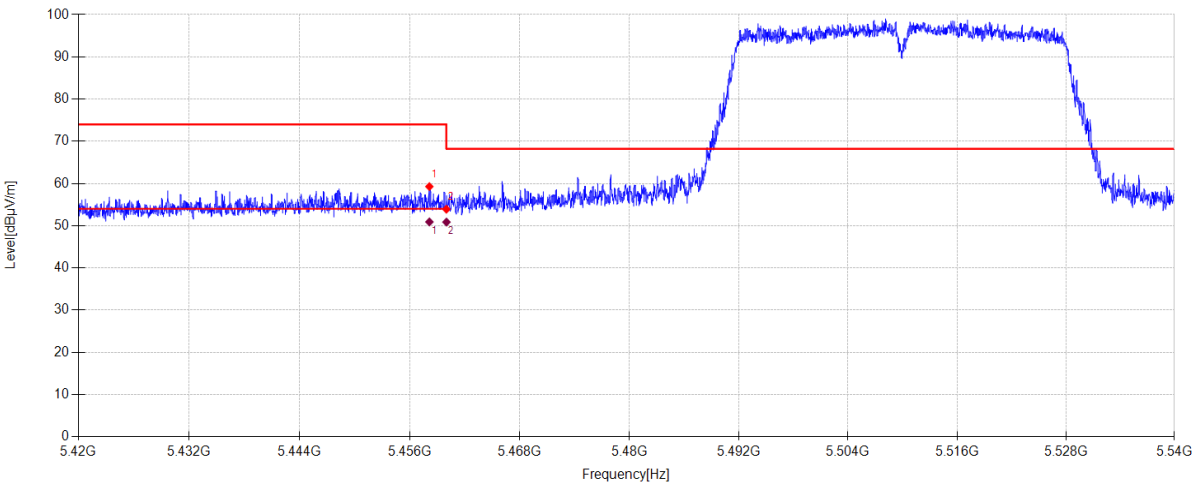
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Memo:

Sample Number: S24111411-006

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	5458.148	50.39	33.00	5.48	-29.60	59.27	74.00	14.73	PK	Vertical
2	5460.000	45.03	33.00	5.48	-29.60	53.91	68.20	14.29	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	5458.153	42.02	33.00	5.48	50.90	54	3.10	AV	Vertical
2	5460.013	41.98	33.00	5.48	50.86	54	3.14	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5670 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

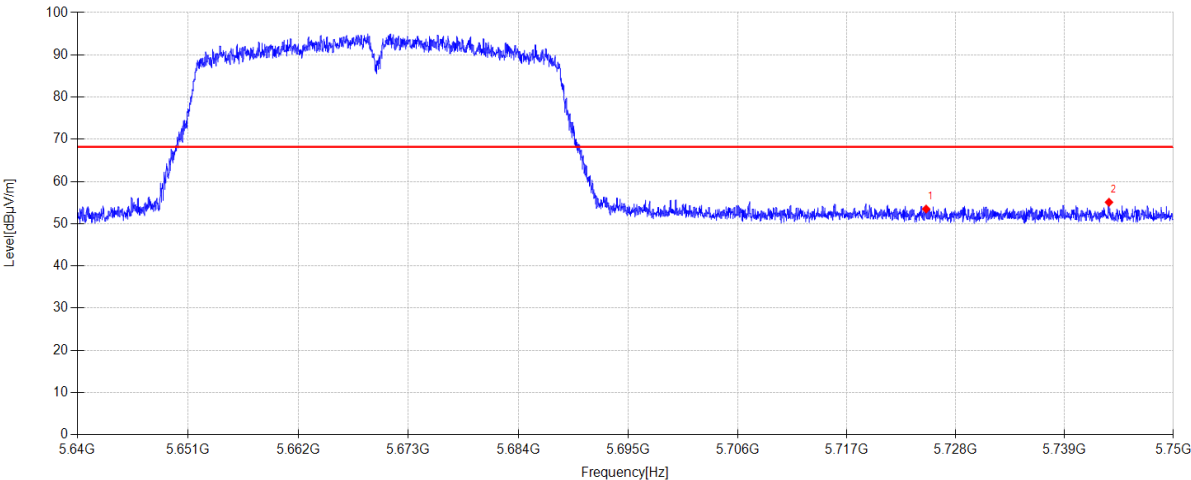
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Memo:

Sample Number: S24111411-006

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	43.67	33.75	5.66	-29.60	53.48	68.20	14.72	PK	Horizontal
2	5743.488	45.16	33.86	5.67	-29.60	55.09	68.20	13.11	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5670 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

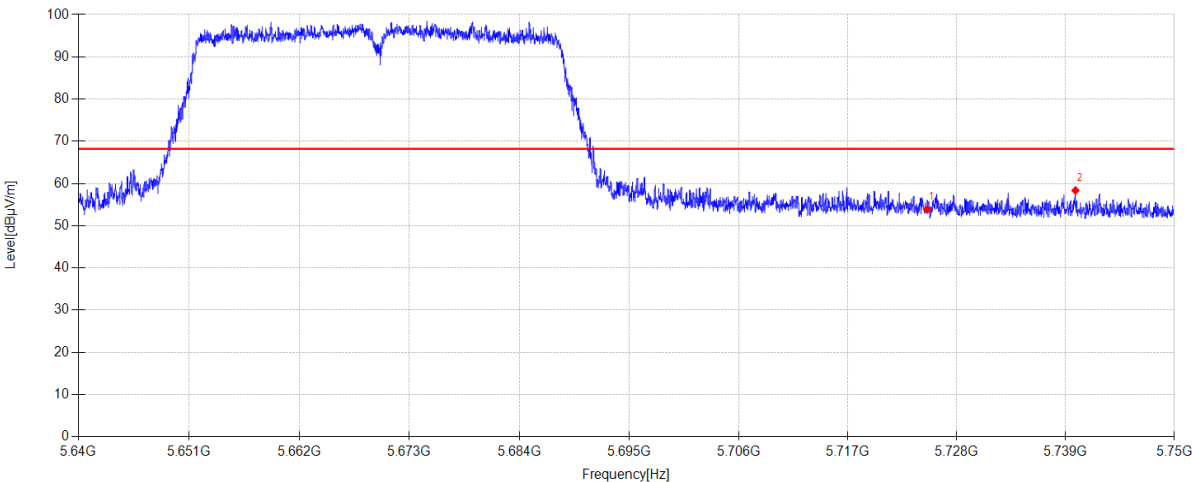
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Memo:

Sample Number: S24111411-006

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	44.04	33.75	5.66	-29.60	53.85	68.20	14.35	PK	Vertical
2	5739.990	48.44	33.84	5.67	-29.60	58.35	68.20	9.85	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5710 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

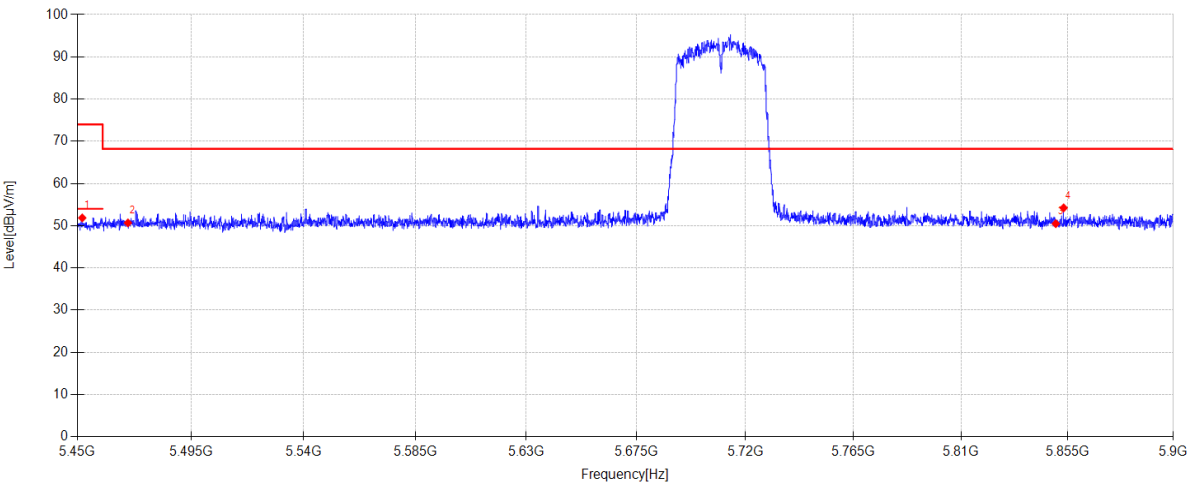
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d:\ts\2024 report data\BAR 300\KUAYUE\9

Memo:

Sample Number: S24111411-006

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	42.97	33.00	5.48	-29.60	51.85	74.00	22.15	PK	Horizontal
2	5470.000	41.78	33.00	5.49	-29.60	50.67	68.20	17.53	PK	Horizontal
3	5850.000	40.34	34.00	5.74	-29.60	50.48	68.20	17.72	PK	Horizontal
4	5853.335	44.08	34.01	5.74	-29.60	54.23	68.20	13.97	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5710 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

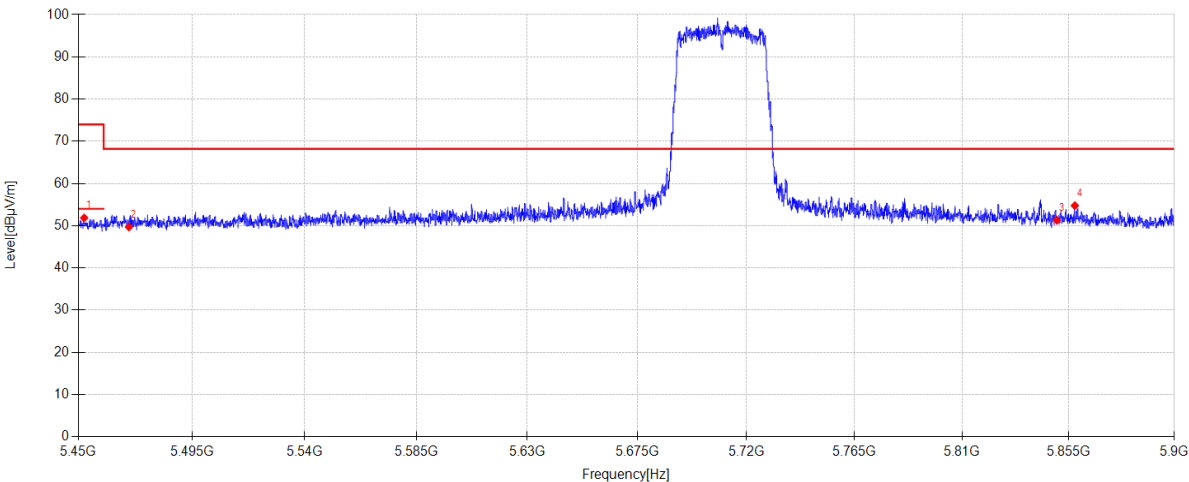
File Path:

d:\ts\2024 report data\BAR 300\KUAYUE\10

Memo:

Sample Number: S24111411-006

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	5452.295	42.97	33.00	5.48	-29.60	51.85	74.00	22.15	PK	Vertical
2	5470.000	40.79	33.00	5.49	-29.60	49.68	68.20	18.52	PK	Vertical
3	5850.000	41.17	34.00	5.74	-29.60	51.31	68.20	16.89	PK	Vertical
4	5857.655	44.59	34.02	5.75	-29.60	54.76	68.20	13.44	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5210 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

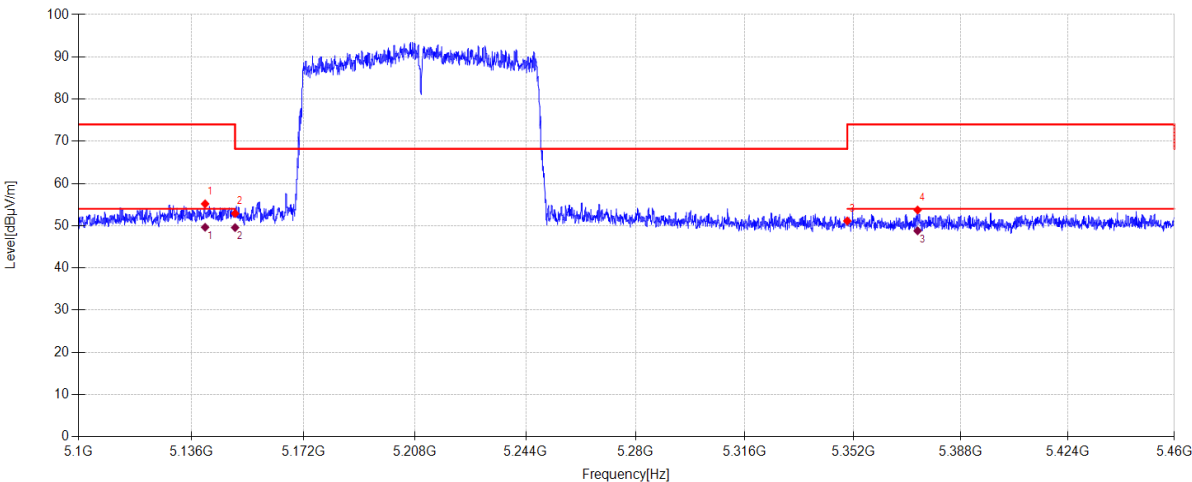
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d:\ts\2024 report data\BAR 300\FCC RE Above 1G 5G\89

Memo:

Sample Number: S24111411-006

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	5140.392	46.11	33.40	5.27	-29.60	55.18	74.00	18.82	PK	Horizontal
2	5150.000	43.82	33.40	5.28	-29.60	52.90	68.20	15.30	PK	Horizontal
3	5350.000	42.22	33.10	5.41	-29.60	51.13	68.20	17.07	PK	Horizontal
4	5373.456	44.80	33.10	5.43	-29.60	53.73	74.00	20.27	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	5140.392	40.56	33.40	5.27	49.63	54	4.37	AV	Horizontal
2	5150.000	40.48	33.40	5.28	49.56	54	4.44	AV	Horizontal
3	5373.456	39.86	33.10	5.43	48.79	54	5.21	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5210 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

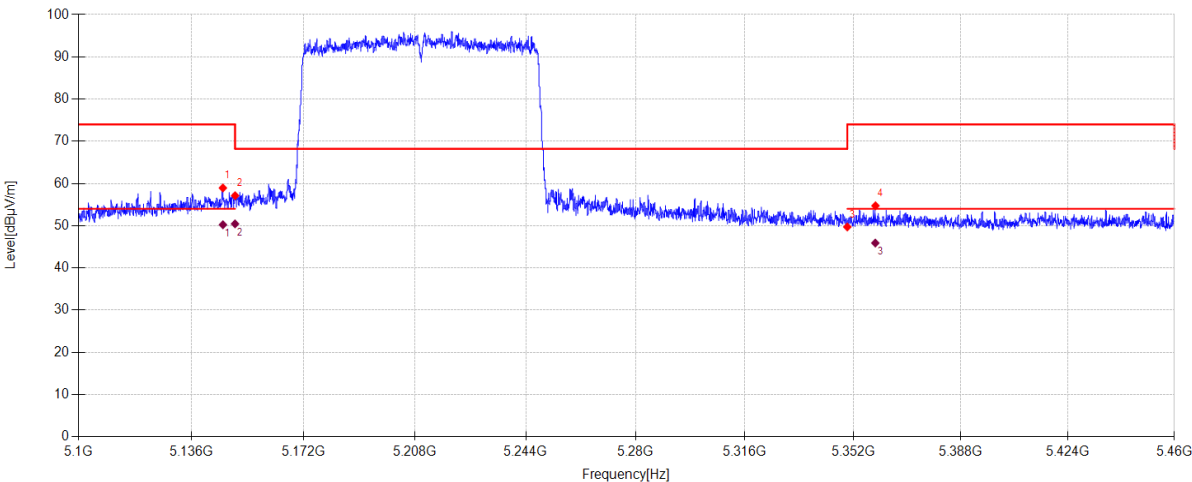
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d:\ts\2024 report data\BAR 300\FCC RE Above 1G 5G\90

Memo:

Sample Number: S24111411-006

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	5146.080	49.86	33.40	5.28	-29.60	58.94	74.00	15.06	PK	Vertical
2	5150.000	48.04	33.40	5.28	-29.60	57.12	68.20	11.08	PK	Vertical
3	5350.000	40.80	33.10	5.41	-29.60	49.71	68.20	18.49	PK	Vertical
4	5359.380	45.81	33.10	5.42	-29.60	54.73	74.00	19.27	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	5146.090	41.15	33.40	5.28	50.23	54	3.77	AV	Vertical
2	5149.974	41.36	33.40	5.28	50.44	54	3.56	AV	Vertical
3	5359.333	36.98	33.10	5.42	45.90	54	8.10	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5290 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

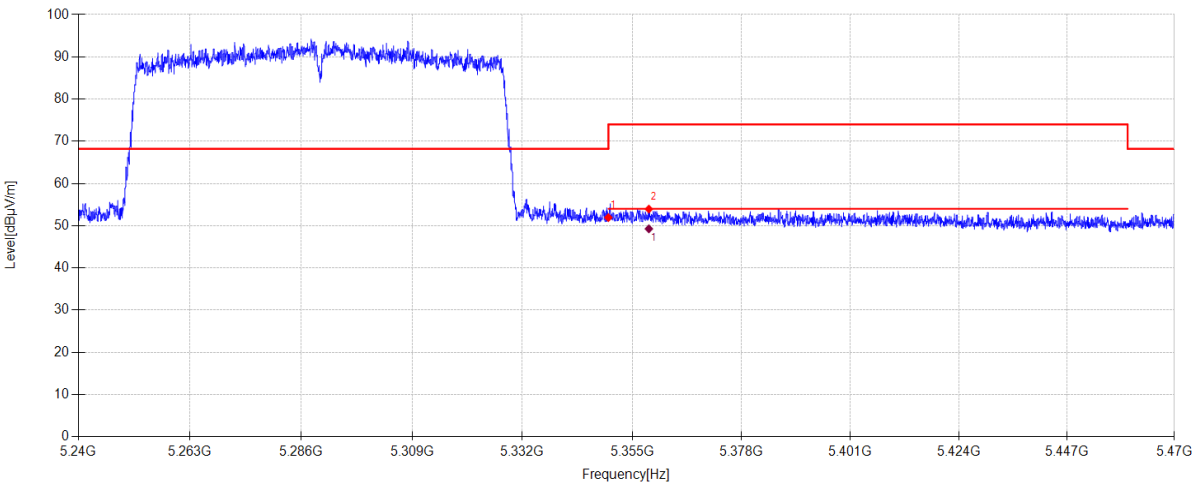
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d:\ts\2024 report data\BAR 300\FCC RE Above 1G 5G\87

Memo:

Sample Number: S24111411-006

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	43.02	33.10	5.41	-29.60	51.93	68.20	16.27	PK	Horizontal
2	5358.496	45.03	33.10	5.42	-29.60	53.95	74.00	20.05	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	5358.496	40.35	33.10	5.42	49.27	54	4.73	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5290 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

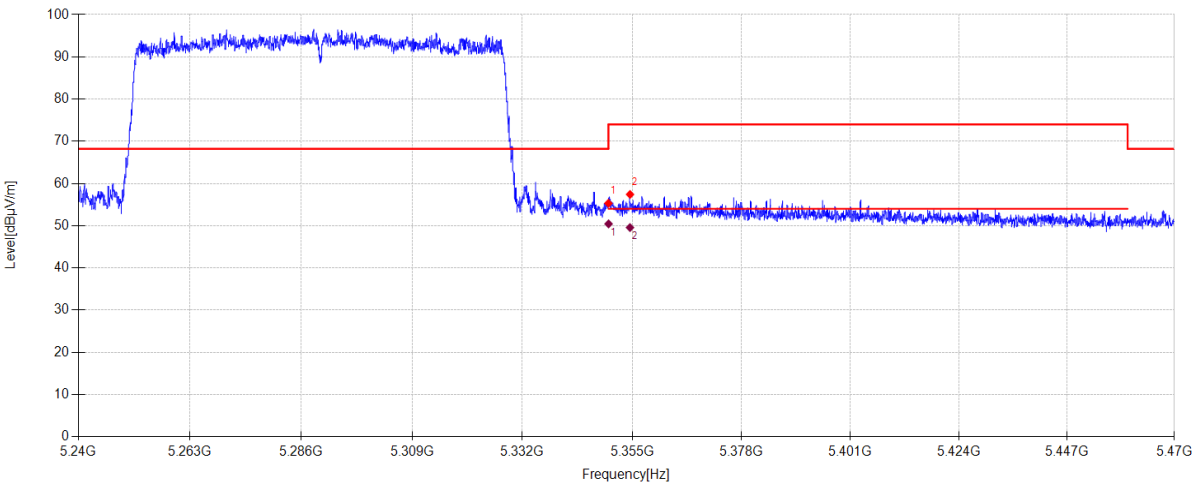
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Memo:

Sample Number: S24111411-006

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	46.40	33.10	5.41	-29.60	55.31	68.20	12.89	PK	Vertical
2	5354.540	48.51	33.10	5.41	-29.60	57.42	74.00	16.58	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	5350.035	41.52	33.10	5.41	50.43	54	3.57	AV	Vertical
2	5354.528	40.66	33.10	5.41	49.57	54	4.43	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5530 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

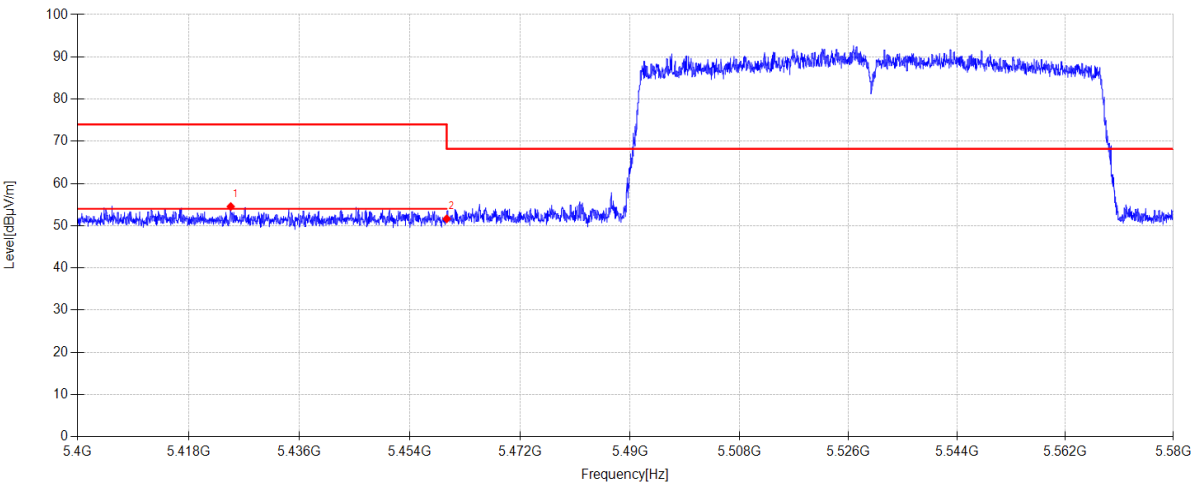
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Memo:

Sample Number: S24111411-006

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	5424.840	45.63	33.05	5.46	-29.60	54.54	74.00	19.46	PK	Horizontal
2	5460.000	42.75	33.00	5.48	-29.60	51.63	68.20	16.57	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5530 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

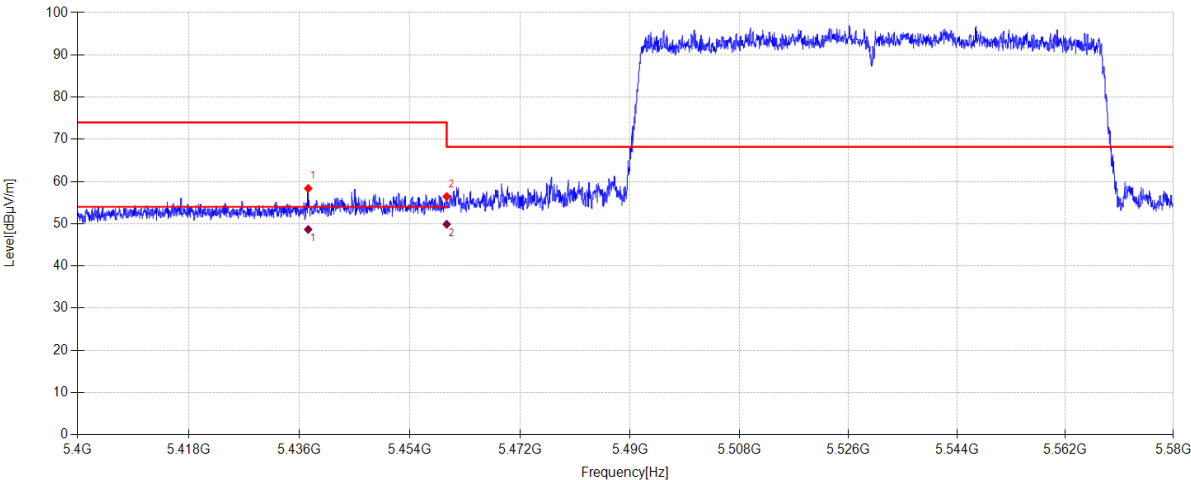
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Memo:

Sample Number: S24111411-006

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	5437.422	49.46	33.03	5.47	-29.60	58.36	74.00	15.64	PK	Vertical
2	5460.000	47.57	33.00	5.48	-29.60	56.45	68.20	11.75	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	5437.419	39.74	33.03	5.47	48.64	54	5.36	AV	Vertical
2	5459.999	40.99	33.00	5.48	49.87	54	4.13	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5610 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

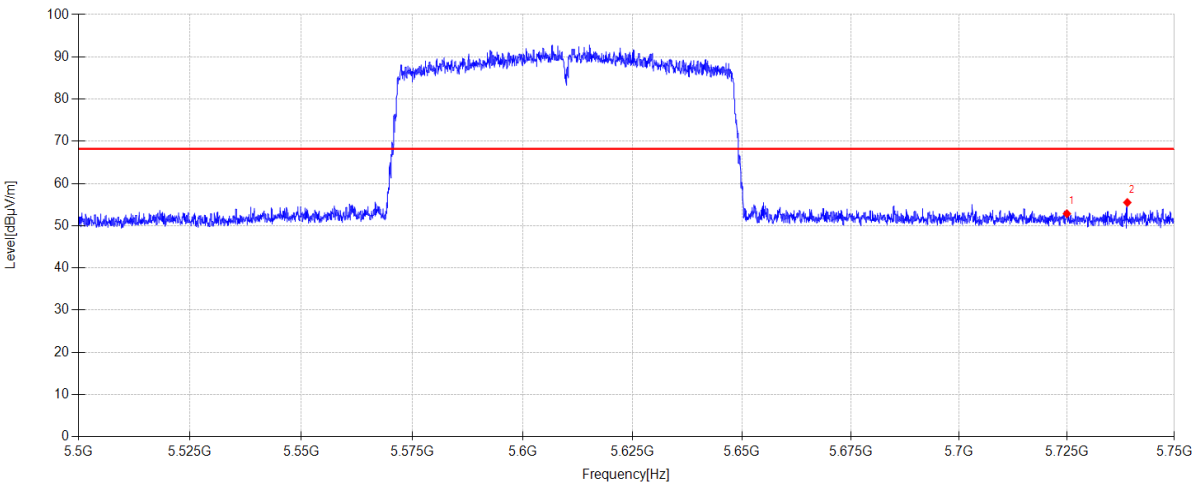
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Memo:

Sample Number: S24111411-006

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	43.04	33.75	5.66	-29.60	52.85	68.20	15.35	PK	Horizontal
2	5739.050	45.60	33.83	5.67	-29.60	55.50	68.20	12.70	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5610 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

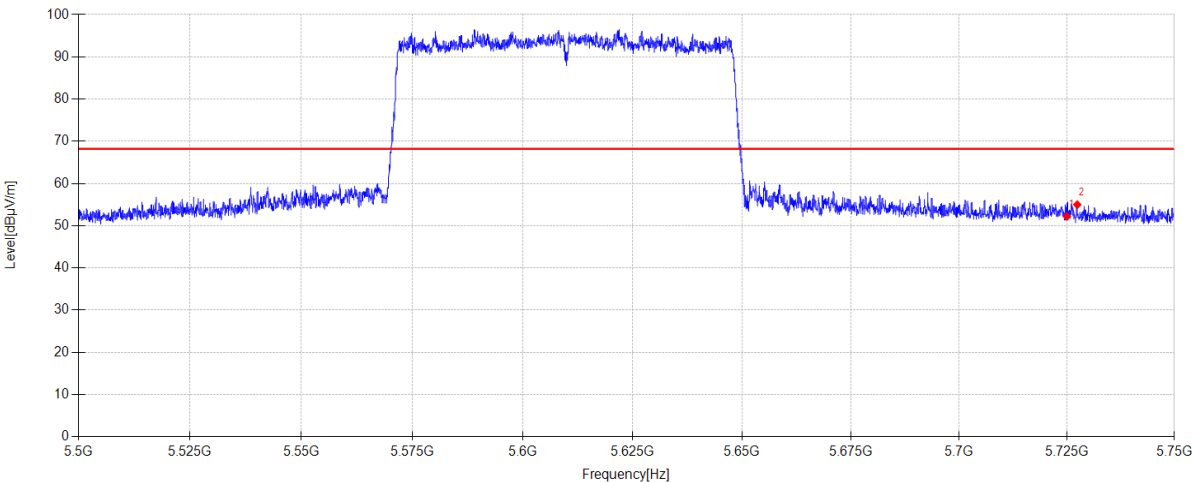
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Memo:

Sample Number: S24111411-006

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	42.38	33.75	5.66	-29.60	52.19	68.20	16.01	PK	Vertical
2	5727.400	45.17	33.76	5.66	-29.60	54.99	68.20	13.21	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5690 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

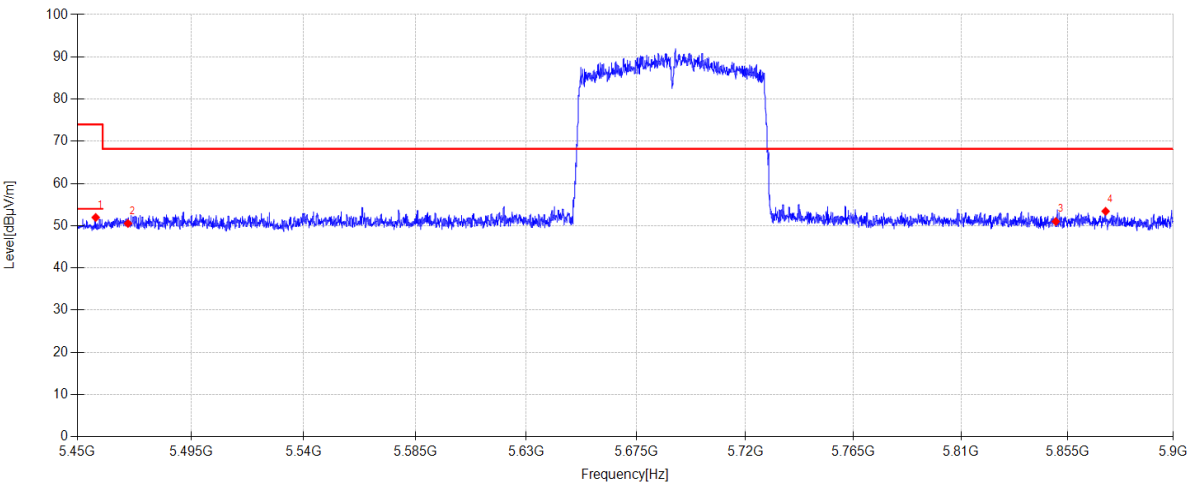
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Memo:

Sample Number: S24111411-006

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	5457.245	43.08	33.00	5.48	-29.60	51.96	74.00	22.04	PK	Horizontal
2	5470.000	41.64	33.00	5.49	-29.60	50.53	68.20	17.67	PK	Horizontal
3	5850.000	40.87	34.00	5.74	-29.60	51.01	68.20	17.19	PK	Horizontal
4	5871.155	43.23	34.04	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5690 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

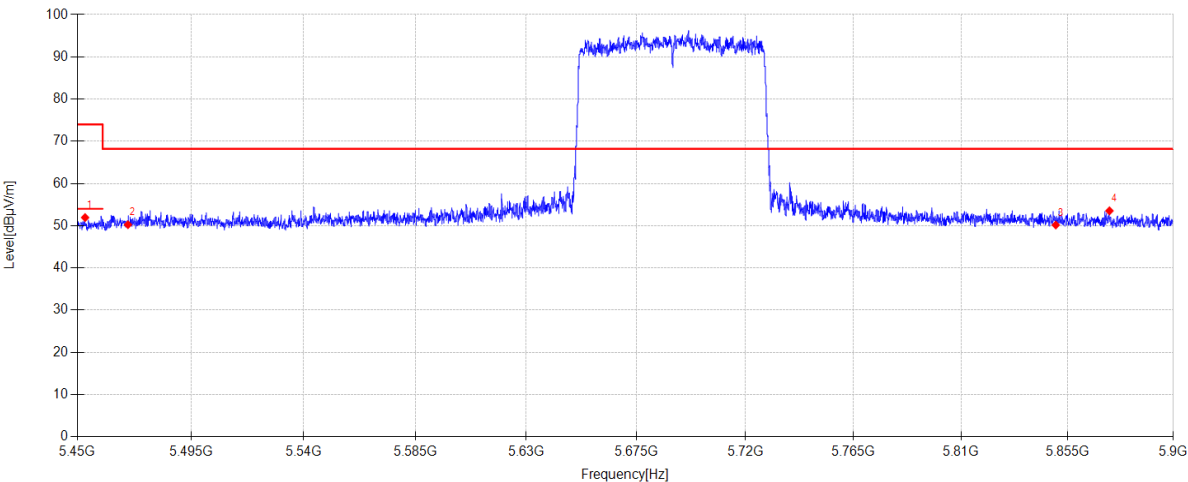
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Memo:

Sample Number: S24111411-006

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	5453.060	43.06	33.00	5.48	-29.60	51.94	74.00	22.06	PK	Vertical
2	5470.000	41.35	33.00	5.49	-29.60	50.24	68.20	17.96	PK	Vertical
3	5850.000	40.03	34.00	5.74	-29.60	50.17	68.20	18.03	PK	Vertical
4	5872.775	43.32	34.05	5.76	-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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5180 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

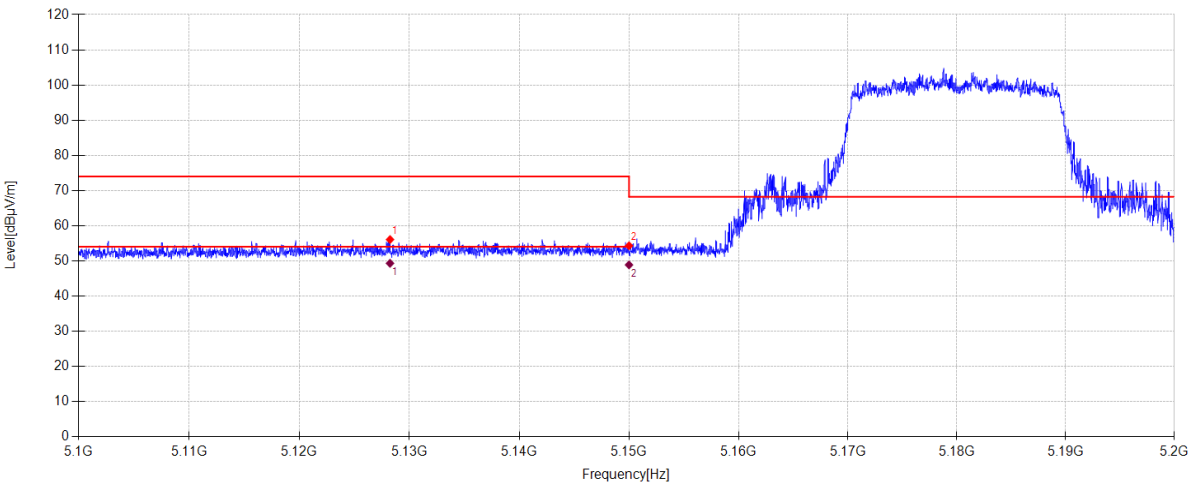
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Memo:

Sample Number: S24111411-006

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	5128.240	47.01	33.40	5.26	-29.60	56.07	74.00	17.93	PK	Horizontal
2	5150.000	45.22	33.40	5.28	-29.60	54.30	68.20	13.90	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	5128.240	40.26	33.40	5.26	49.32	54	4.68	AV	Horizontal	
2	5150.000	39.79	33.40	5.28	48.87	54	5.13	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5180 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

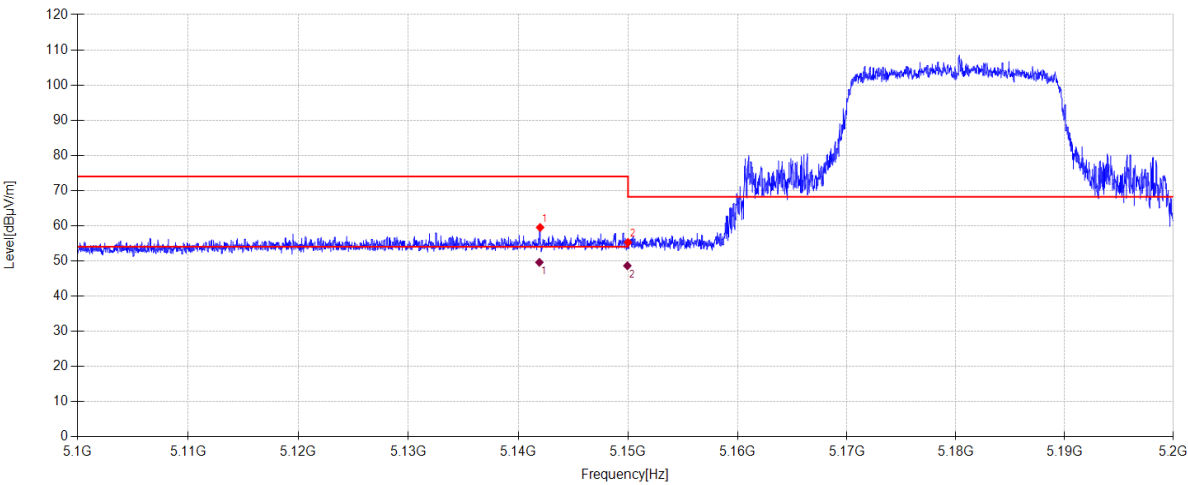
File Path:

d:\ts\2024 report data\BAR 300\1122 FCC Above 1G 5G\10

Memo:

Sample Number: S24111411-006

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.990	50.43	33.40	5.27	-29.60	59.50	74.00	14.50	PK	Vertical
2	5150.000	46.18	33.40	5.28	-29.60	55.26	68.20	12.94	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.920	40.51	33.40	5.27	49.58	54	4.42	AV	Vertical
2	5149.941	39.54	33.40	5.28	48.62	54	5.38	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: 2024-11-22 Tested By: Guoyuan Lin

EUT: Multi-Channel Soundbar Model Number: BAR 300MK2

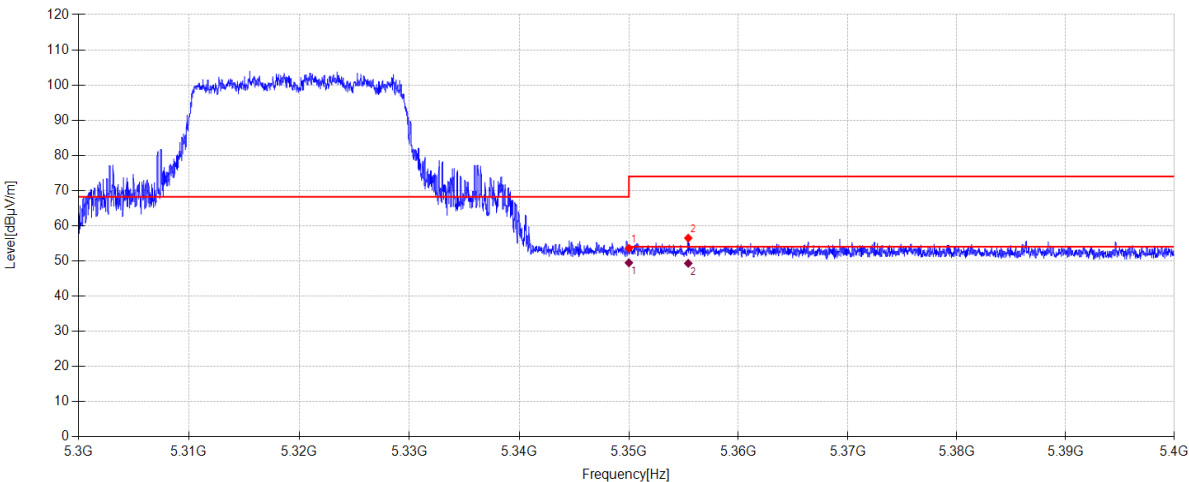
Test Mode: 11AX20 MIMO 5320 MHz Tx mode Power Supply: AC 120V/60Hz

Condition: Temp:24.5°C;Humi:47.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\BAR 300\1122 FCC Above 1G 5G\11

Memo: Sample Number: S24111411-006

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	44.69	33.10	5.41	-29.60	53.60	68.20	14.60	PK	Horizontal
2	5355.420	47.57	33.10	5.41	-29.60	56.48	74.00	17.52	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	40.56	33.10	5.41	49.47	54	4.53	AV	Horizontal	
2	5355.420	40.39	33.10	5.41	49.30	54	4.70	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5320 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

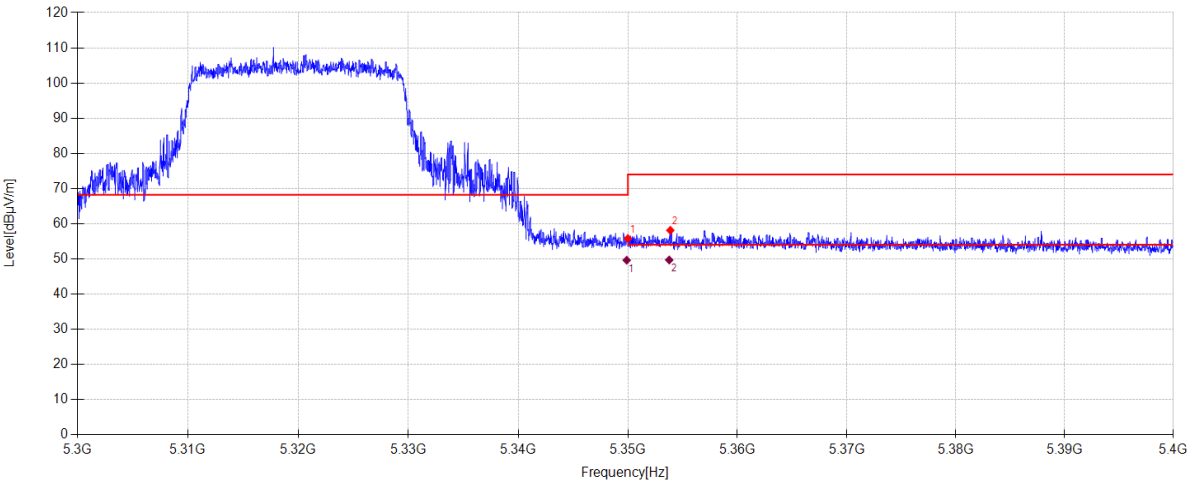
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Memo:

Sample Number: S24111411-006

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	46.89	33.10	5.41	-29.60	55.80	68.20	12.40	PK	Vertical
2	5353.870	49.21	33.10	5.41	-29.60	58.12	74.00	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	5349.890	40.71	33.10	5.41	49.62	54	4.38	AV	Vertical	
2	5353.773	40.78	33.10	5.41	49.69	54	4.31	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5500 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

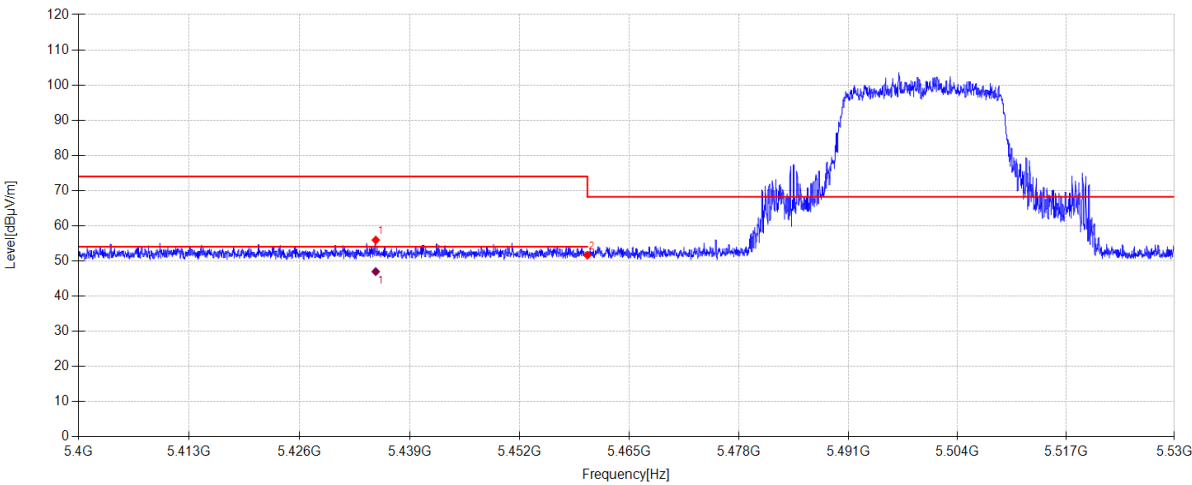
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Memo:

Sample Number: S24111411-006

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	5434.970	47.03	33.03	5.47	-29.60	55.93	74.00	18.07	PK	Horizontal
2	5460.000	42.75	33.00	5.48	-29.60	51.63	68.20	16.57	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	5434.970	38.06	33.03	5.47	46.96	54	7.04	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: 2024-11-22 Tested By: Guoyuan Lin

EUT: Multi-Channel Soundbar Model Number: BAR 300MK2

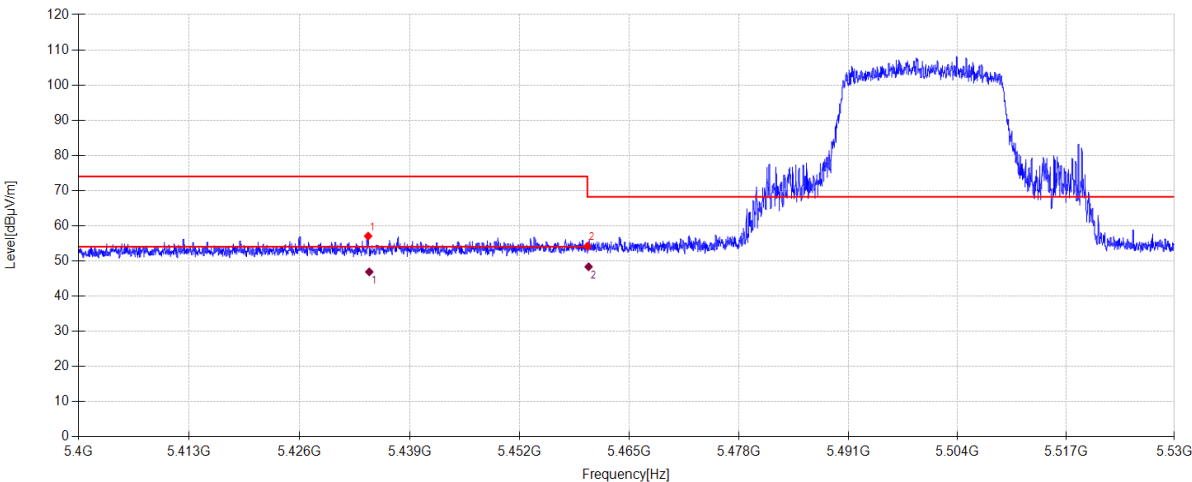
Test Mode: 11AX20 MIMO 5500 MHz Tx mode Power Supply: AC 120V/60Hz

Condition: Temp:24.5°C;Humi:47.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\BAR 300\1122 FCC Above 1G 5G\14

Memo: Sample Number: S24111411-006

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	5434.073	48.15	33.03	5.47	-29.60	57.05	74.00	16.95	PK	Vertical
2	5460.000	45.30	33.00	5.48	-29.60	54.18	68.20	14.02	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	5434.209	37.98	33.03	5.47	46.88	54	7.12	AV	Vertical
2	5460.141	39.46	33.00	5.48	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5700 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

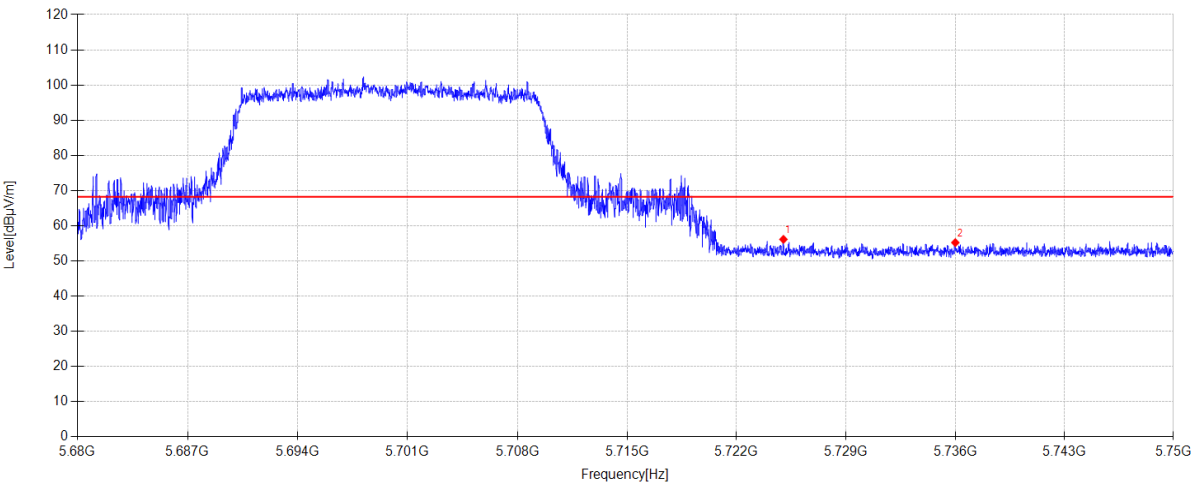
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Memo:

Sample Number: S24111411-006

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	46.32	33.75	5.66	-29.60	56.13	68.20	12.07	PK	Horizontal
2	5736.007	45.31	33.82	5.67	-29.60	55.20	68.20	13.00	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5700 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

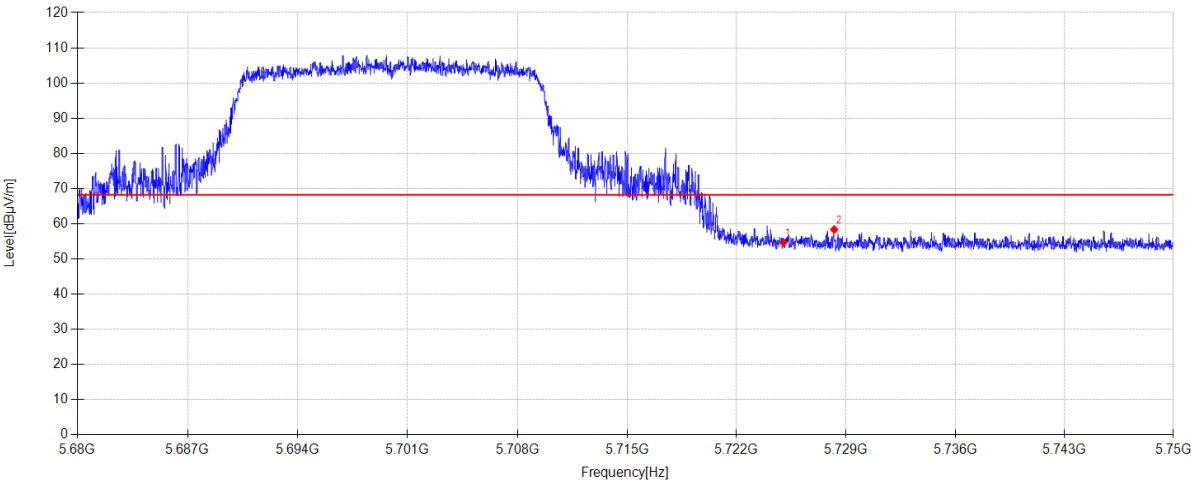
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Memo:

Sample Number: S24111411-006

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	44.85	33.75	5.66	-29.60	54.66	68.20	13.54	PK	Vertical
2	5728.244	48.52	33.77	5.66	-29.60	58.35	68.20	9.85	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

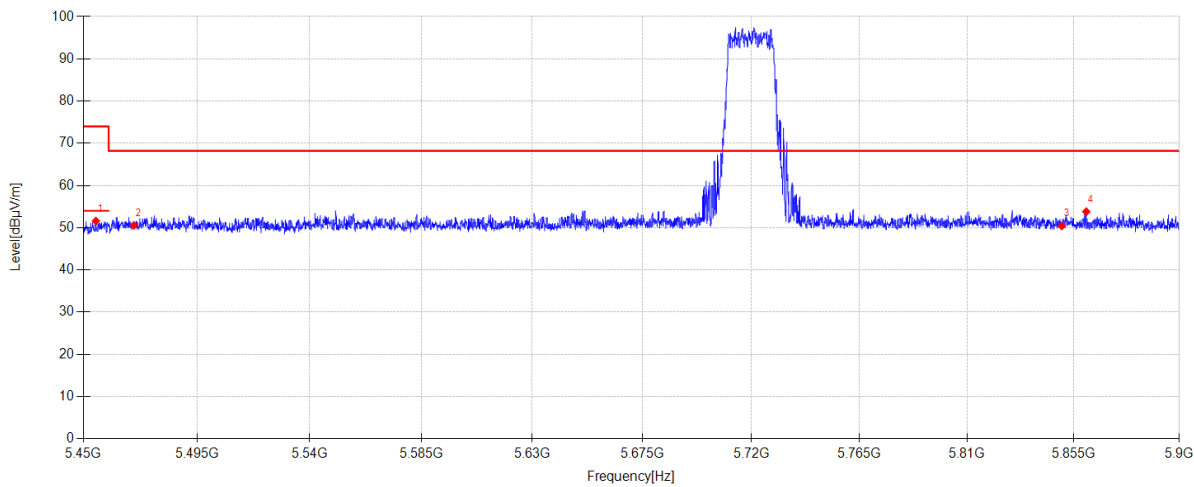
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Memo:

Sample Number: S24111411-006

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	5454.950	42.70	33.00	5.48	-29.60	51.58	74.00	21.92	PK	Horizontal
2	5470.000	41.66	33.00	5.49	-29.60	50.55	68.20	17.65	PK	Horizontal
3	5850.000	40.28	34.00	5.74	-29.60	50.42	68.20	17.78	PK	Horizontal
4	5860.400	43.64	34.02	5.75	-29.60	53.81	68.20	14.39	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5720 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

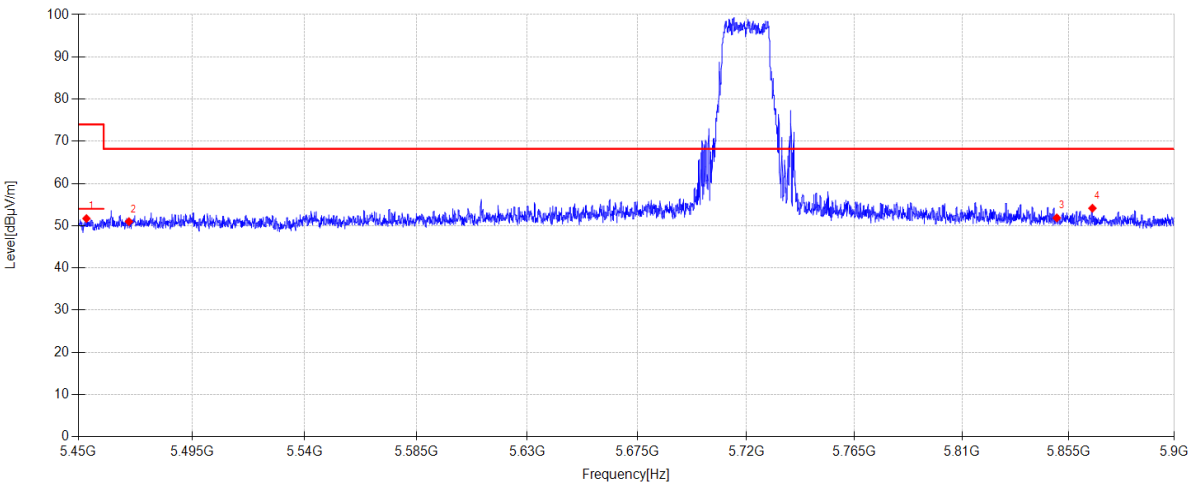
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Memo:

Sample Number: S24111411-006

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	5453.195	42.82	33.00	5.48	-29.60	51.70	74.00	22.30	PK	Vertical
2	5470.000	42.09	33.00	5.49	-29.60	50.98	68.20	17.22	PK	Vertical
3	5850.000	41.71	34.00	5.74	-29.60	51.85	68.20	16.35	PK	Vertical
4	5865.125	43.96	34.03	5.75	-29.60	54.14	68.20	14.06	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5190 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

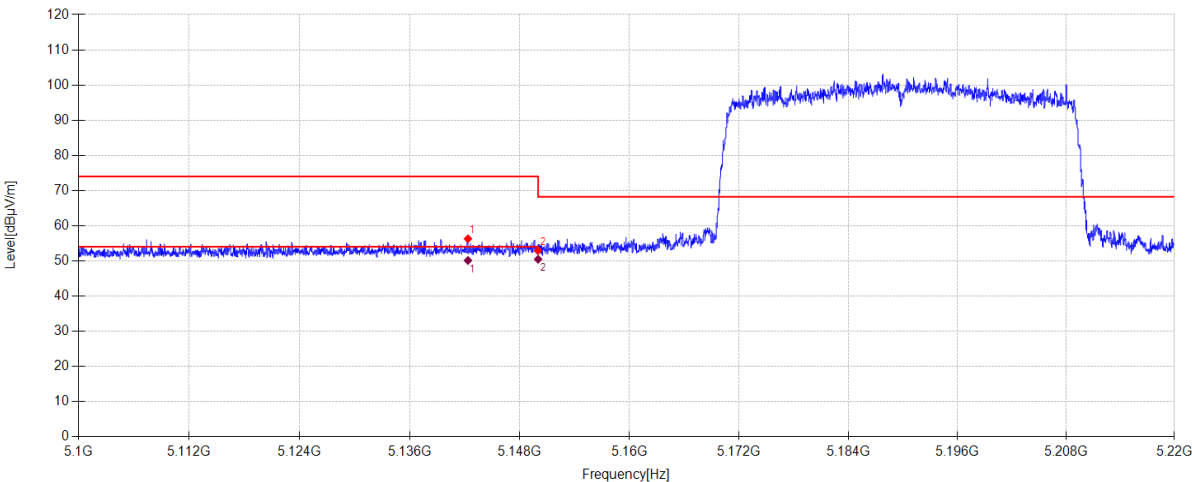
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Memo:

Sample Number: S24111411-006

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	5142.336	47.21	33.40	5.27	-29.60	56.28	74.00	17.72	PK	Horizontal
2	5150.000	43.85	33.40	5.28	-29.60	52.93	68.20	15.27	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	5142.336	41.06	33.40	5.27	50.13	54	3.87	AV	Horizontal	
2	5150.000	41.39	33.40	5.28	50.47	54	3.53	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5190 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

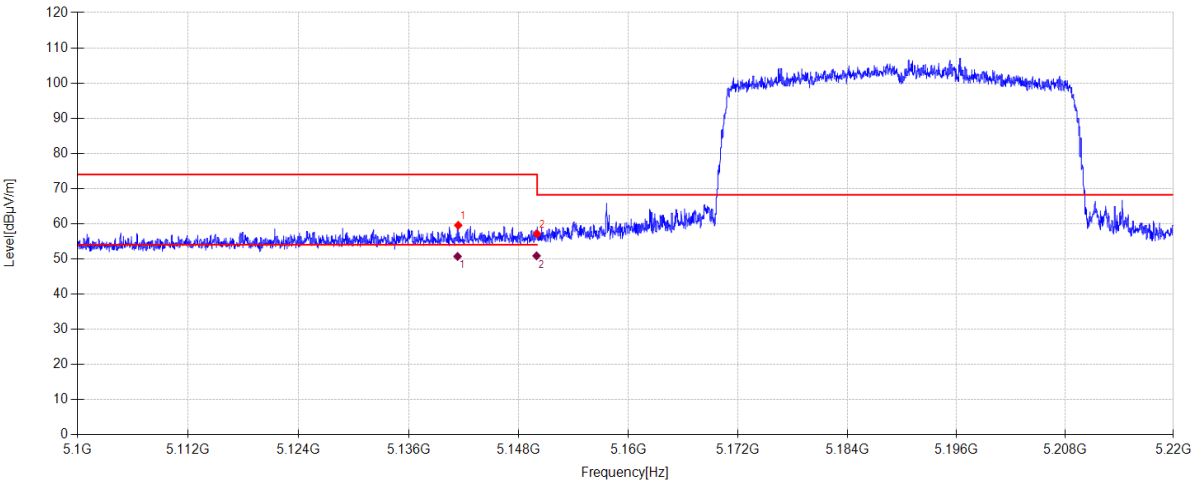
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.388	50.47	33.40	5.27	-29.60	59.54	74.00	14.46	PK	Vertical
2	5150.000	48.03	33.40	5.28	-29.60	57.11	68.20	11.09	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5141.315	41.64	33.40	5.27	50.71	54	3.29	AV	Vertical	
2	5149.940	41.79	33.40	5.28	50.87	54	3.13	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5310 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

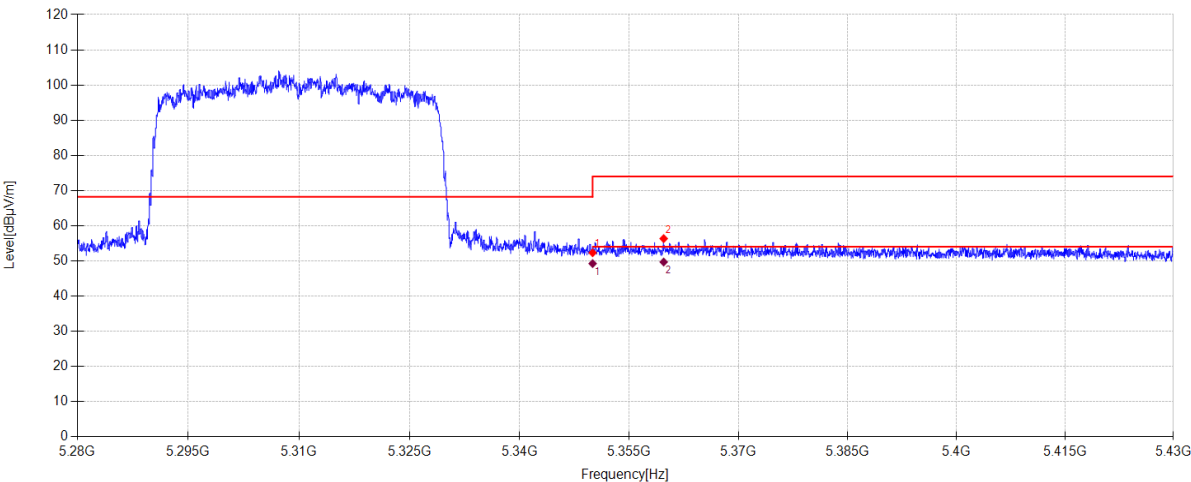
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Memo:

Sample Number: S24111411-006

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	43.40	33.10	5.41	-29.60	52.31	68.20	15.89	PK	Horizontal
2	5359.725	47.42	33.10	5.42	-29.60	56.34	74.00	17.66	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	40.34	33.10	5.41	49.25	54	4.75	AV	Horizontal	
2	5359.725	40.76	33.10	5.42	49.68	54	4.32	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5310 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

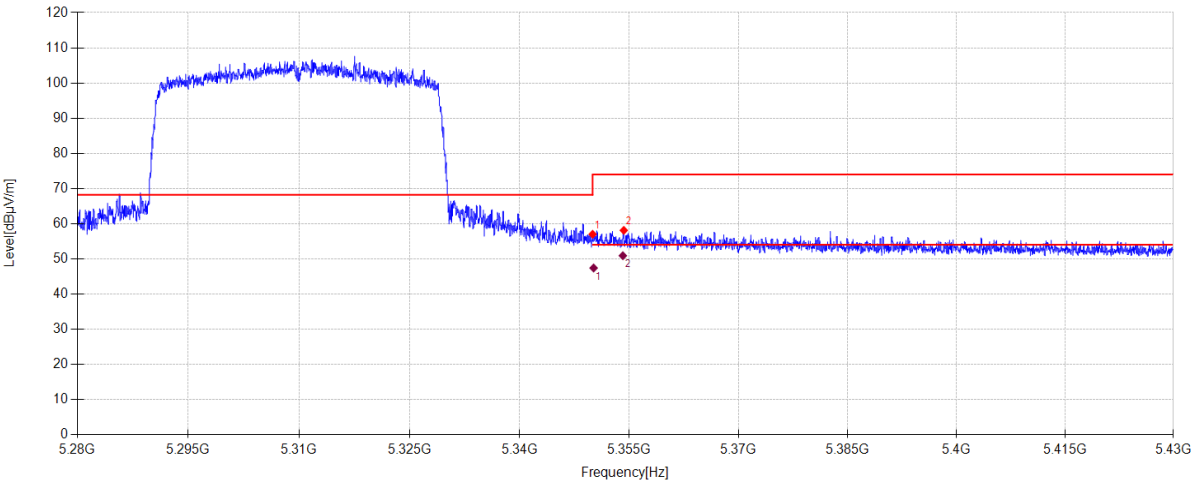
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	48.09	33.10	5.41	-29.60	57.00	68.20	11.20	PK	Vertical
2	5354.265	49.21	33.10	5.41	-29.60	58.12	74.00	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	5350.135	38.50	33.10	5.41	47.41	54	6.59	AV	Vertical	
2	5354.133	42.00	33.10	5.41	50.91	54	3.09	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5510 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

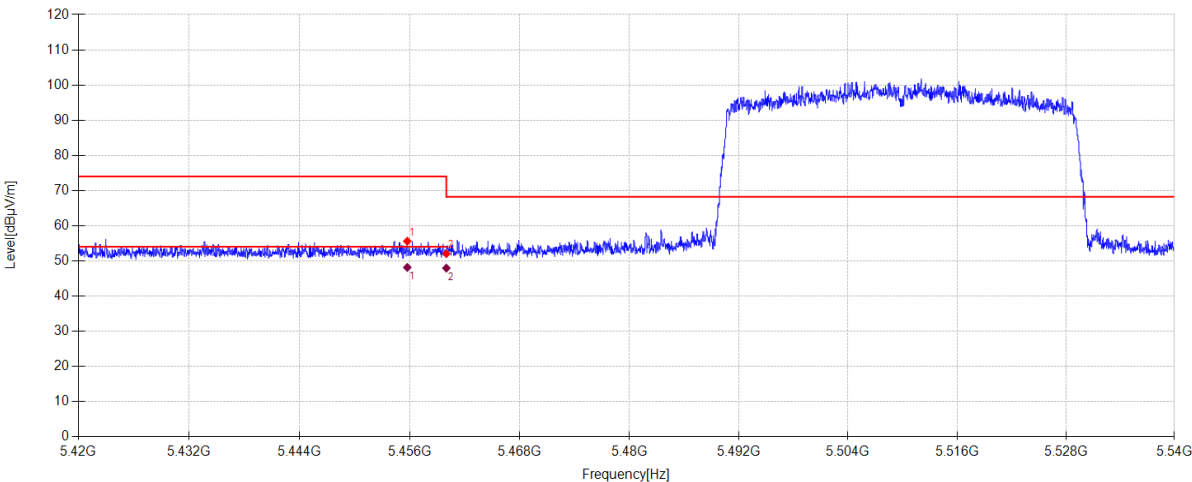
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Memo:

Sample Number: S24111411-006

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	5455.736	46.72	33.00	5.48	-29.60	55.60	74.00	18.40	PK	Horizontal
2	5460.000	43.17	33.00	5.48	-29.60	52.05	68.20	16.15	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	5455.736	39.26	33.00	5.48	48.14	54	5.86	AV	Horizontal
2	5460.000	39.07	33.00	5.48	47.95	54	6.05	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.