

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

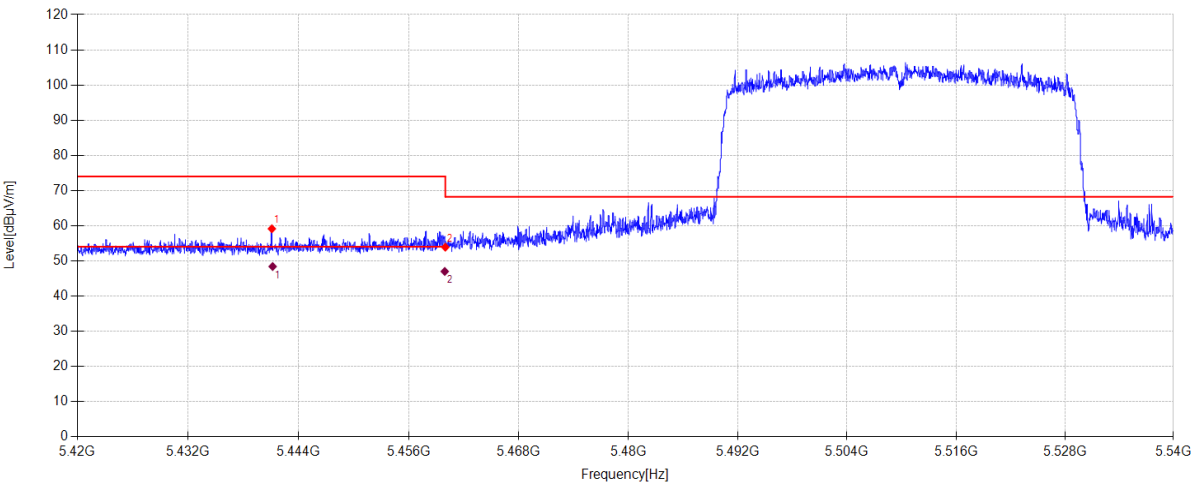
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Memo:

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	5441.108	50.24	33.02	5.47	-29.60	59.13	74.00	14.87	PK	Vertical
2	5460.000	45.02	33.00	5.48	-29.60	53.90	68.20	14.30	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5441.191	39.51	33.02	5.47	48.40	54	5.60	AV	Vertical
2	5459.936	38.12	33.00	5.48	47.00	54	7.00	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5670 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

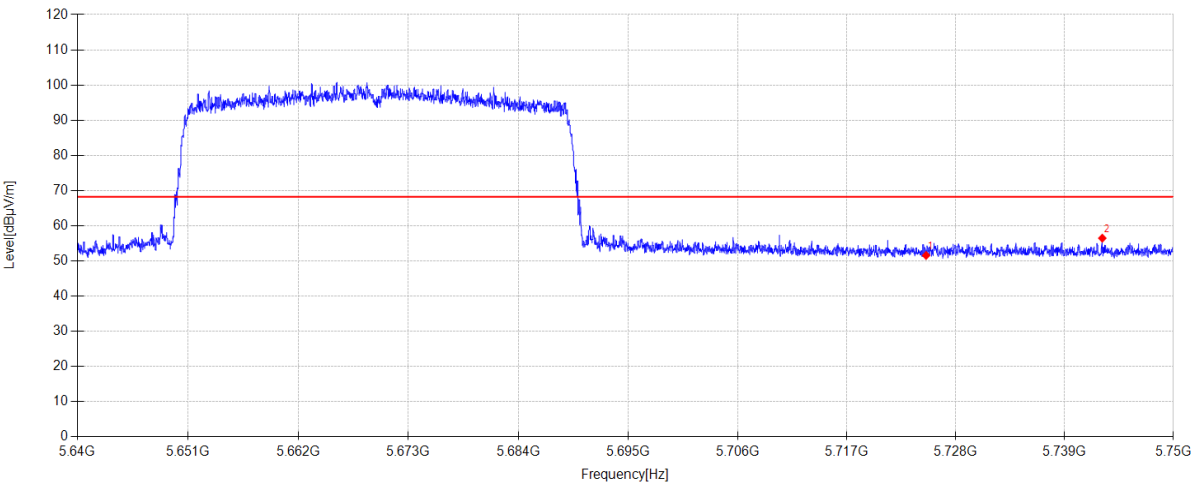
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Memo:

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	41.74	33.75	5.66	-29.60	51.55	68.20	16.65	PK	Horizontal
2	5742.806	46.53	33.86	5.67	-29.60	56.46	68.20	11.74	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5670 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

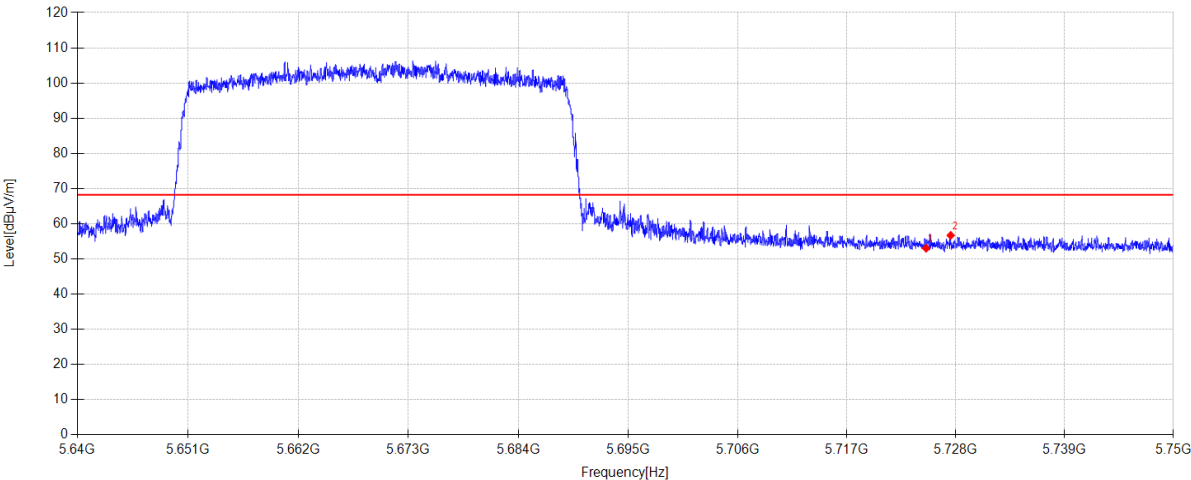
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Memo:

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	43.22	33.75	5.66	-29.60	53.03	68.20	15.17	PK	Vertical
2	5727.483	46.86	33.76	5.66	-29.60	56.68	68.20	11.52	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5710 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

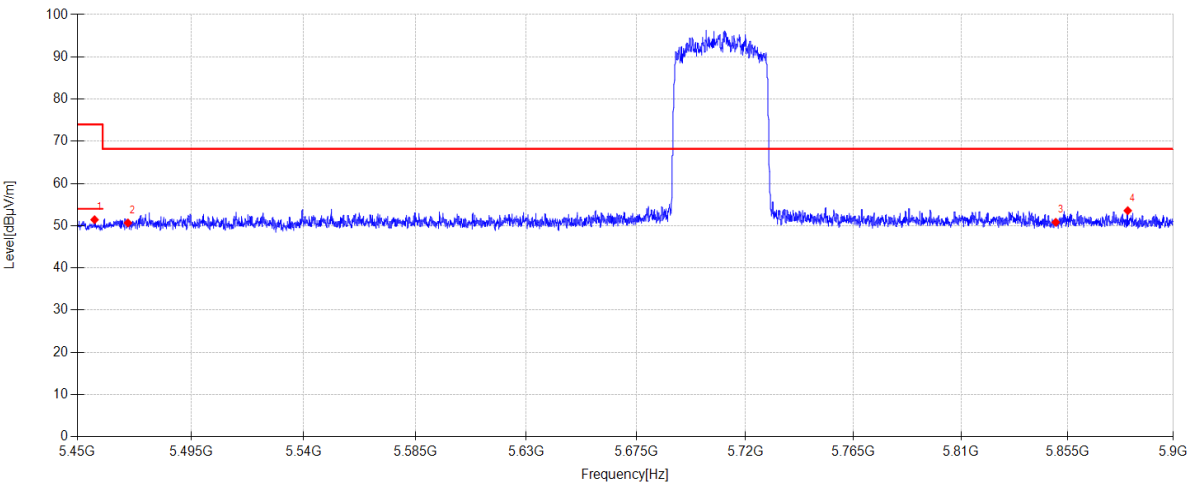
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Memo:

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	5456.795	42.54	33.00	5.48	-29.60	51.42	74.00	22.58	PK	Horizontal
2	5470.000	41.77	33.00	5.49	-29.60	50.66	68.20	17.54	PK	Horizontal
3	5850.000	40.68	34.00	5.74	-29.60	50.82	68.20	17.38	PK	Horizontal
4	5880.560	43.35	34.06	5.76	-29.60	53.57	68.20	14.63	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX40 MIMO 5710 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

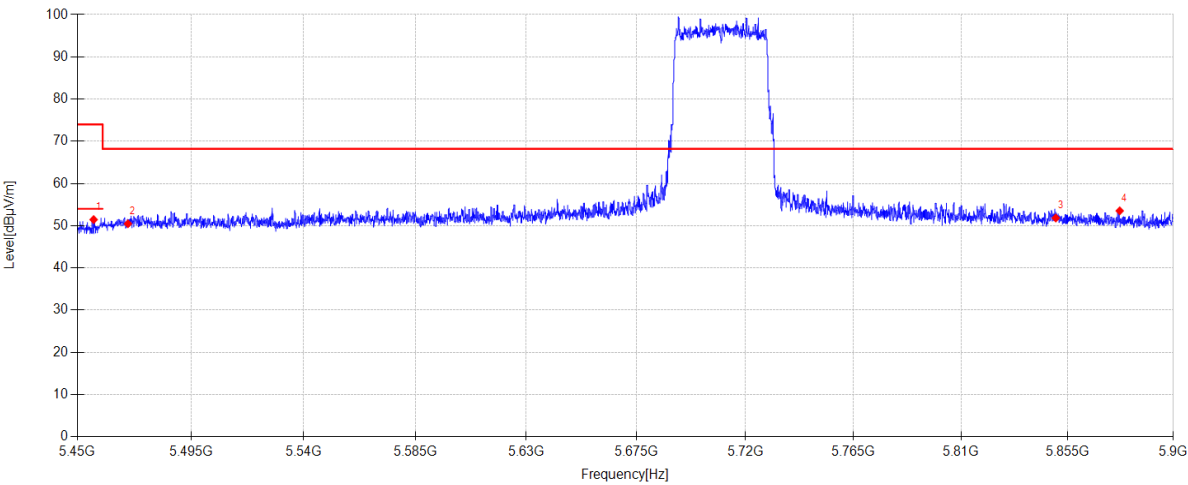
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Memo:

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	5456.435	42.57	33.00	5.48	-29.60	51.45	74.00	22.55	PK	Vertical
2	5470.000	41.58	33.00	5.49	-29.60	50.47	68.20	17.73	PK	Vertical
3	5850.000	41.69	34.00	5.74	-29.60	51.83	68.20	16.37	PK	Vertical
4	5877.140	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:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX80 MIMO 5210 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

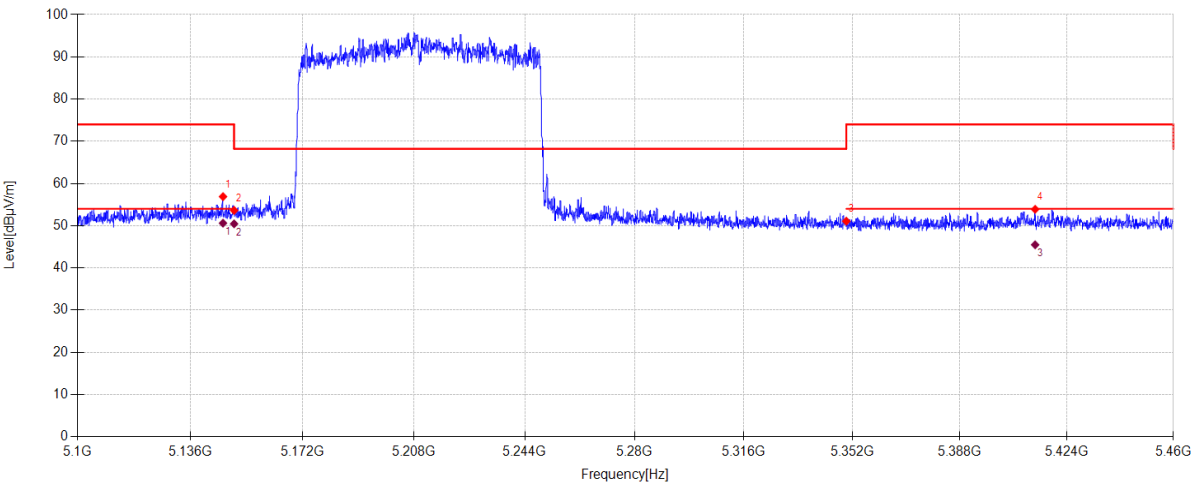
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Memo:

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	5146.440	47.81	33.40	5.28	-29.60	56.89	74.00	17.11	PK	Horizontal
2	5150.000	44.55	33.40	5.28	-29.60	53.63	68.20	14.57	PK	Horizontal
3	5350.000	42.17	33.10	5.41	-29.60	51.08	68.20	17.12	PK	Horizontal
4	5413.236	44.97	33.07	5.45	-29.60	53.89	74.00	20.11	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	5146.440	41.53	33.40	5.28	50.61	54	3.39	AV	Horizontal
2	5150.000	41.37	33.40	5.28	50.45	54	3.55	AV	Horizontal
3	5413.236	36.56	33.07	5.45	45.48	54	8.52	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:

11AX80 MIMO 5210 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

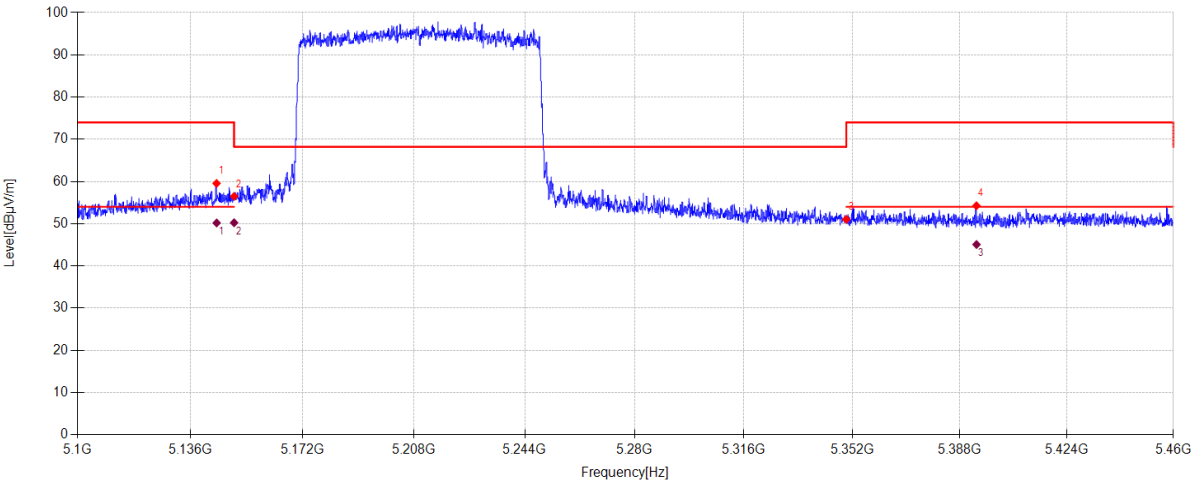
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Memo:

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	5144.388	50.47	33.40	5.28	-29.60	59.55	74.00	14.45	PK	Vertical
2	5150.000	47.40	33.40	5.28	-29.60	56.48	68.20	11.72	PK	Vertical
3	5350.000	42.12	33.10	5.41	-29.60	51.03	68.20	17.17	PK	Vertical
4	5393.508	45.32	33.10	5.44	-29.60	54.26	74.00	19.74	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	5144.405	41.11	33.40	5.28	50.19	54	3.81	AV	Vertical
2	5150.009	41.15	33.40	5.28	50.23	54	3.77	AV	Vertical
3	5393.528	36.14	33.10	5.44	45.08	54	8.92	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:

11AX80 MIMO 5290 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

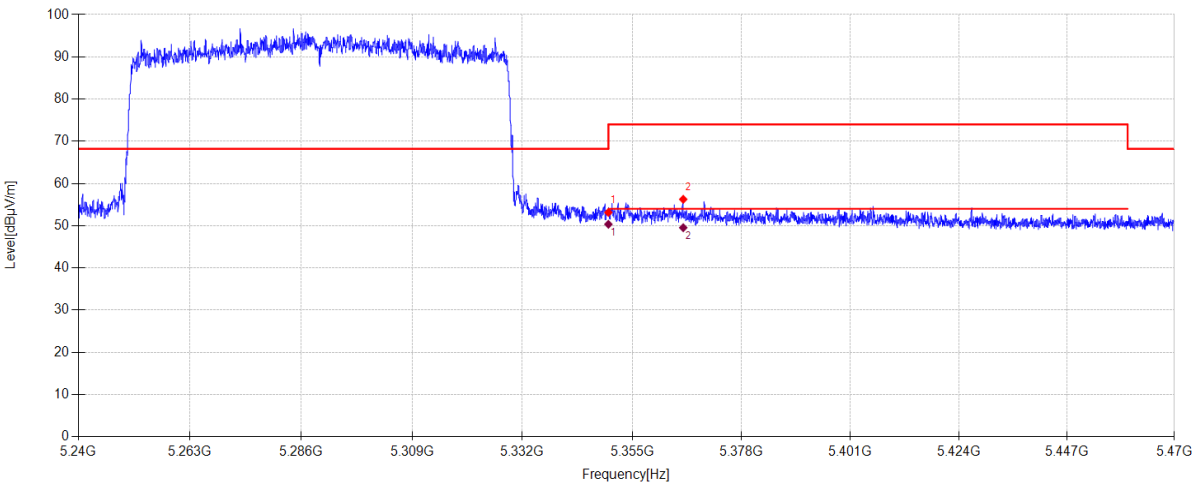
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Memo:

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	44.23	33.10	5.41	-29.60	53.14	68.20	15.06	PK	Horizontal
2	5365.718	47.34	33.10	5.42	-29.60	56.26	74.00	17.74	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	41.43	33.10	5.41	50.34	54	3.66	AV	Horizontal	
2	5365.718	40.62	33.10	5.42	49.54	54	4.46	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:

11AX80 MIMO 5290 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

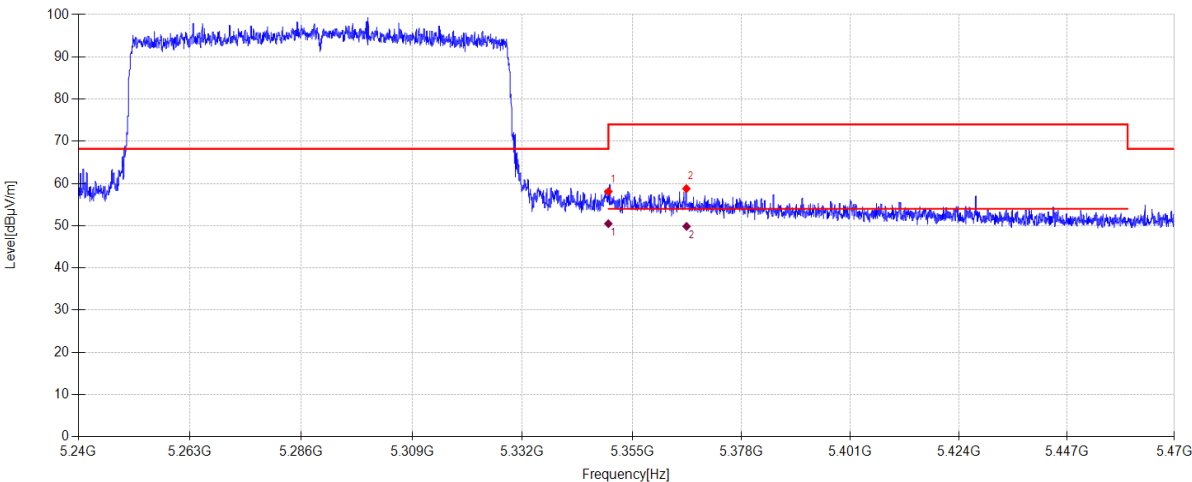
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Memo:

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	49.18	33.10	5.41	-29.60	58.09	68.20	10.11	PK	Vertical
2	5366.385	49.86	33.10	5.42	-29.60	58.78	74.00	15.22	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	5349.991	41.57	33.10	5.41	50.48	54	3.52	AV	Vertical	
2	5366.416	40.92	33.10	5.42	49.84	54	4.16	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:

11AX80 MIMO 5530 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

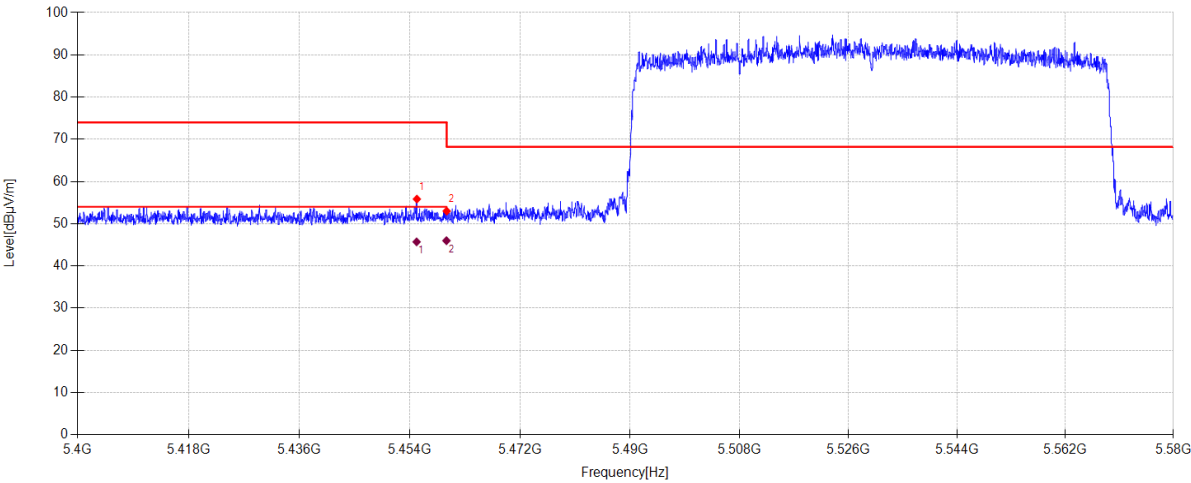
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Memo:

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	5455.134	46.96	33.00	5.48	-29.60	55.84	74.00	18.16	PK	Horizontal
2	5460.000	44.11	33.00	5.48	-29.60	52.99	68.20	15.21	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	5455.091	36.82	33.00	5.48	45.70	54	8.30	AV	Horizontal
2	5459.961	37.10	33.00	5.48	45.98	54	8.02	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:

11AX80 MIMO 5530 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

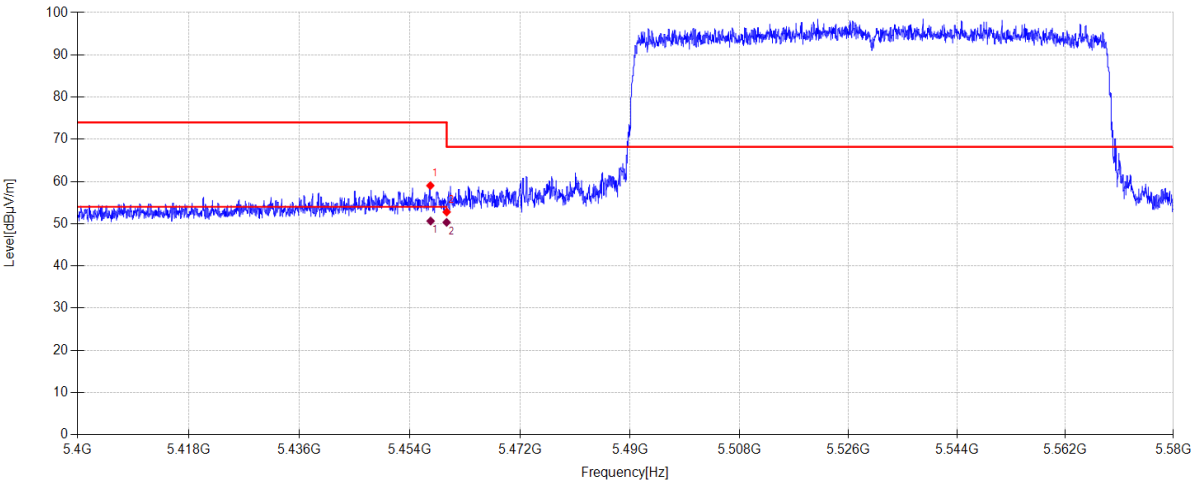
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Memo:

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	5457.330	50.15	33.00	5.48	-29.60	59.03	74.00	14.97	PK	Vertical
2	5460.000	43.89	33.00	5.48	-29.60	52.77	68.20	15.43	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5457.376	41.76	33.00	5.48	50.64	74.00	23.36	AV	Vertical	
2	5459.986	41.44	33.00	5.48	50.32	74.00	23.68	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX80 MIMO 5610 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

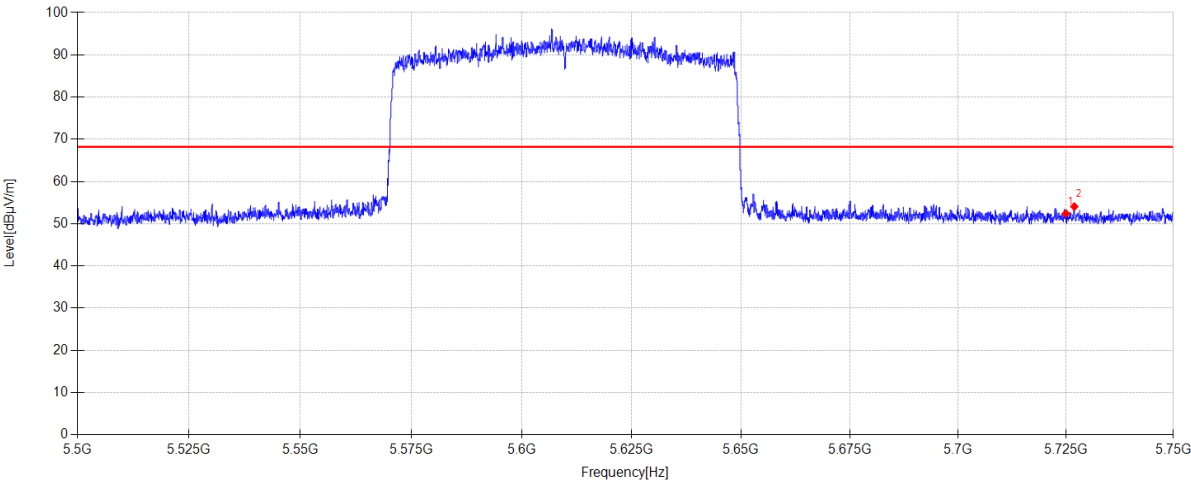
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Memo:

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	42.60	33.75	5.66	-29.60	52.41	68.20	15.79	PK	Horizontal
2	5726.950	44.24	33.76	5.66	-29.60	54.06	68.20	14.14	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX80 MIMO 5610 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

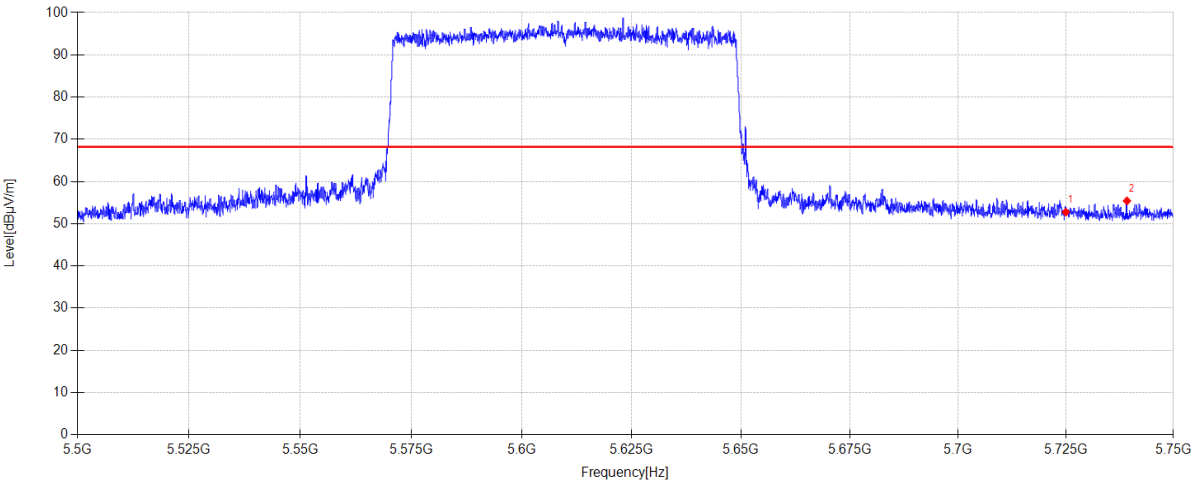
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Memo:

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	42.93	33.75	5.66	-29.60	52.74	68.20	15.46	PK	Vertical
2	5739.200	45.50	33.84	5.67	-29.60	55.41	68.20	12.79	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX80 MIMO 5690 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

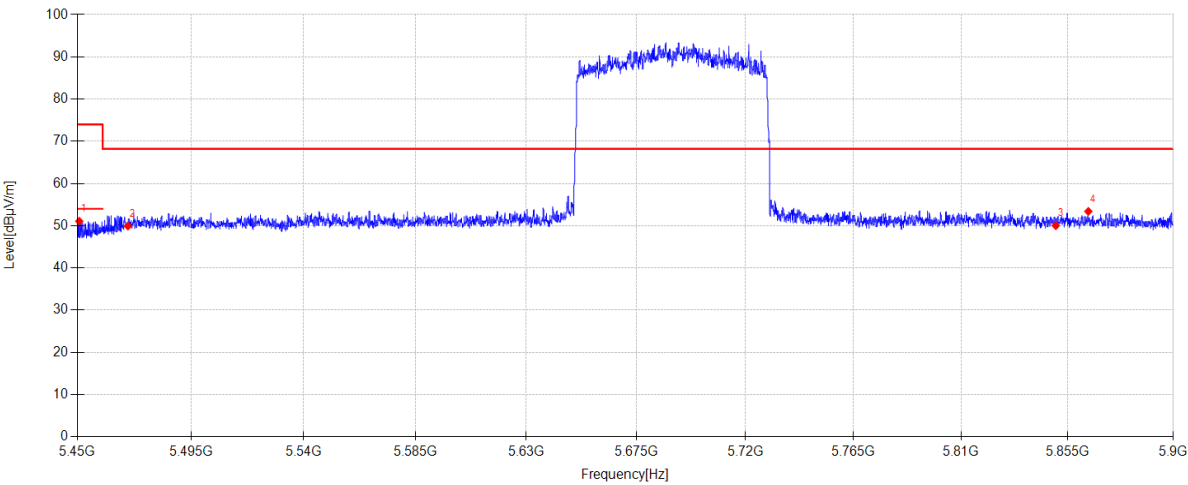
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Memo:

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	5450.765	42.18	33.00	5.48	-29.60	51.06	74.00	22.94	PK	Horizontal
2	5470.000	41.02	33.00	5.49	-29.60	49.91	68.20	18.29	PK	Horizontal
3	5850.000	39.88	34.00	5.74	-29.60	50.02	68.20	18.18	PK	Horizontal
4	5863.820	43.22	34.03	5.75	-29.60	53.40	68.20	14.80	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX80 MIMO 5690 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

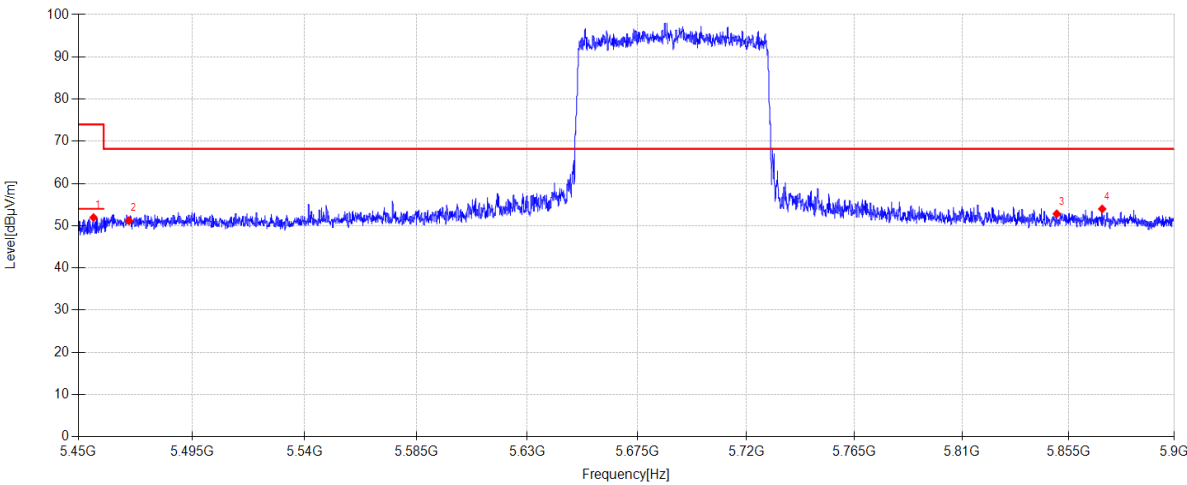
File Path:

d:\ts\2024 report data\BAR 300\KUAYUE\6

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	5455.985	43.07	33.00	5.48	-29.60	51.95	74.00	22.05	PK	Vertical
2	5470.000	42.33	33.00	5.49	-29.60	51.22	68.20	16.98	PK	Vertical
3	5850.000	42.68	34.00	5.74	-29.60	52.82	68.20	15.38	PK	Vertical
4	5869.265	43.79	34.04	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:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO RU0 5180 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

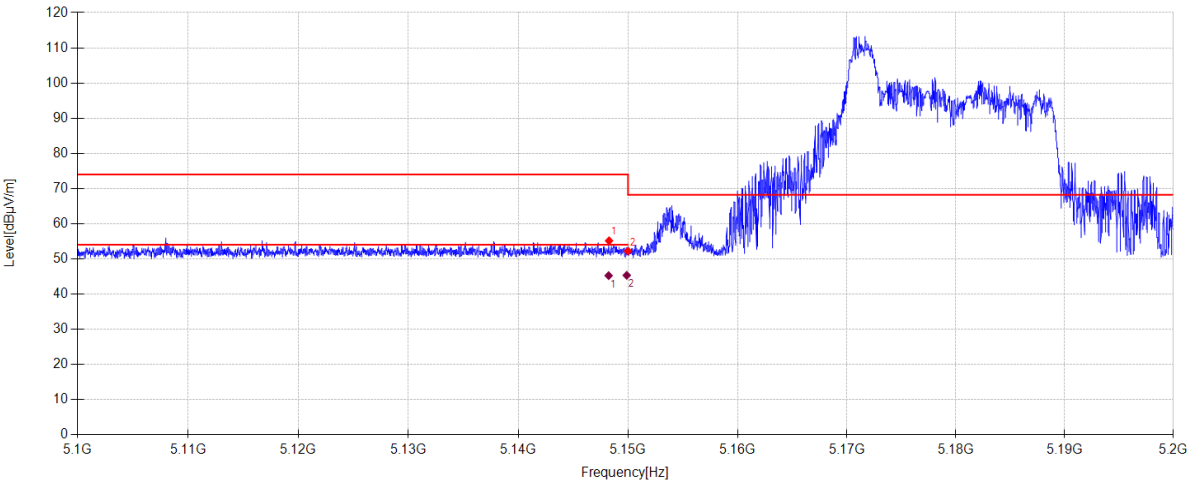
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d:\ts\2024 report data\BAR 300\1122 FCC Above 1G 5G\25

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	5148.270	46.08	33.40	5.28	-29.60	55.16	74.00	18.84	PK	Horizontal
2	5150.000	43.14	33.40	5.28	-29.60	52.22	68.20	15.98	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	5148.233	36.17	33.40	5.28	45.25	54	8.75	AV	Horizontal	
2	5149.887	36.25	33.40	5.28	45.33	54	8.67	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

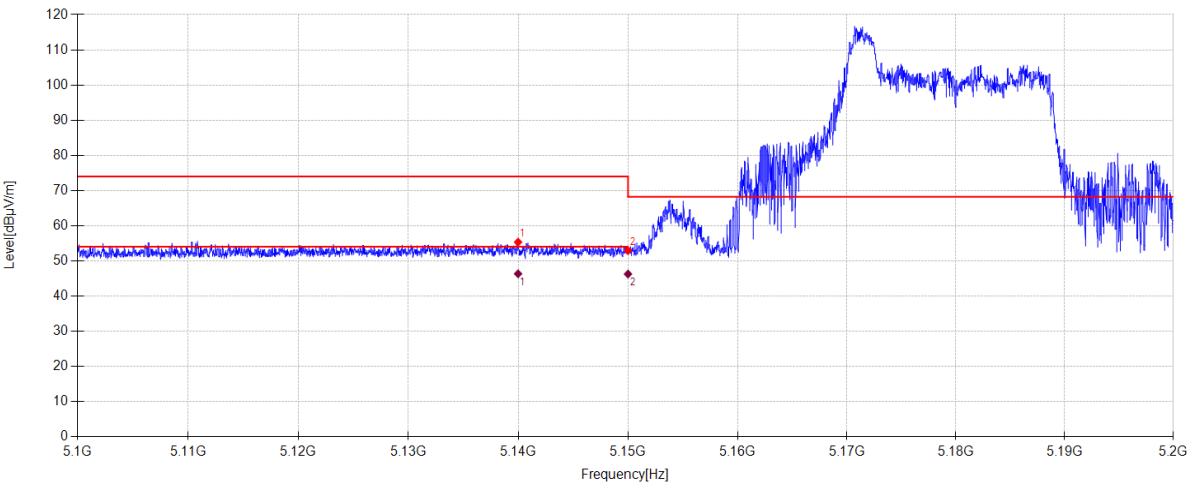
Test Mode: 11AX20 MIMO RU0 5180 MHz Tx Power Supply: AC 120V/60Hz

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

File Path: d:\ts\2024 report data\BAR 300\1122 FCC Above 1G 5G\26

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	5139.980	46.27	33.40	5.27	-29.60	55.34	74.00	18.66	PK	Vertical
2	5150.000	43.84	33.40	5.28	-29.60	52.92	68.20	15.28	PK	Vertical

Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.980	37.26	33.40	5.27	46.33	54	7.67	AV	Vertical
2	5150.000	37.19	33.40	5.28	46.27	54	7.73	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 RU8 5320 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

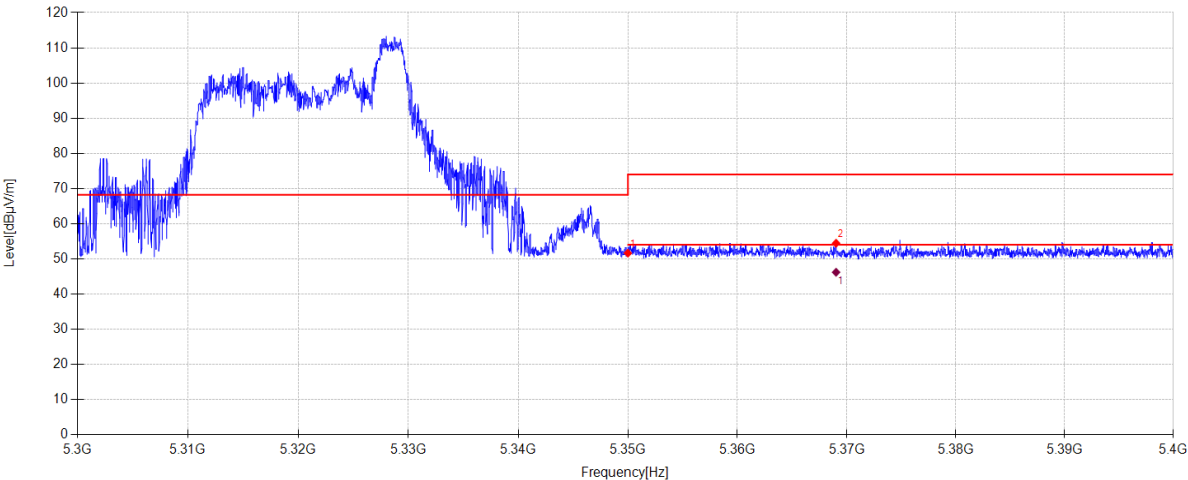
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
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	42.73	33.10	5.41	-29.60	51.64	68.20	16.56	PK	Horizontal
2	5369.030	45.54	33.10	5.42	-29.60	54.46	74.00	19.54	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5369.030	37.29	33.10	5.42	46.21	54	7.79	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 RU8 5320 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

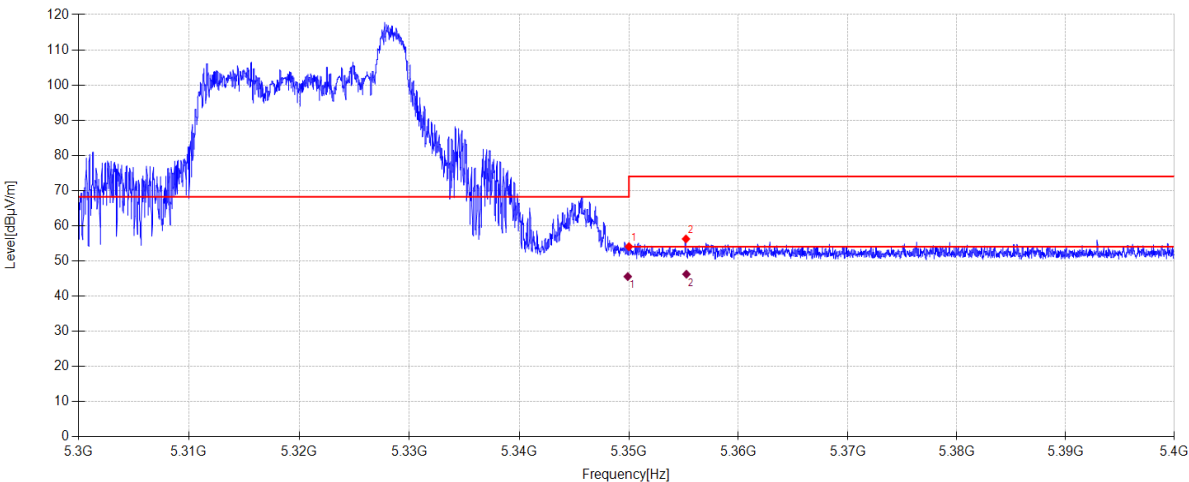
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
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	5355.210	47.33	33.10	5.41	-29.60	56.24	74.00	17.76	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	5349.893	36.63	33.10	5.41	45.54	54	8.46	AV	Vertical
2	5355.250	37.31	33.10	5.41	46.22	54	7.78	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 RU0 5500 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

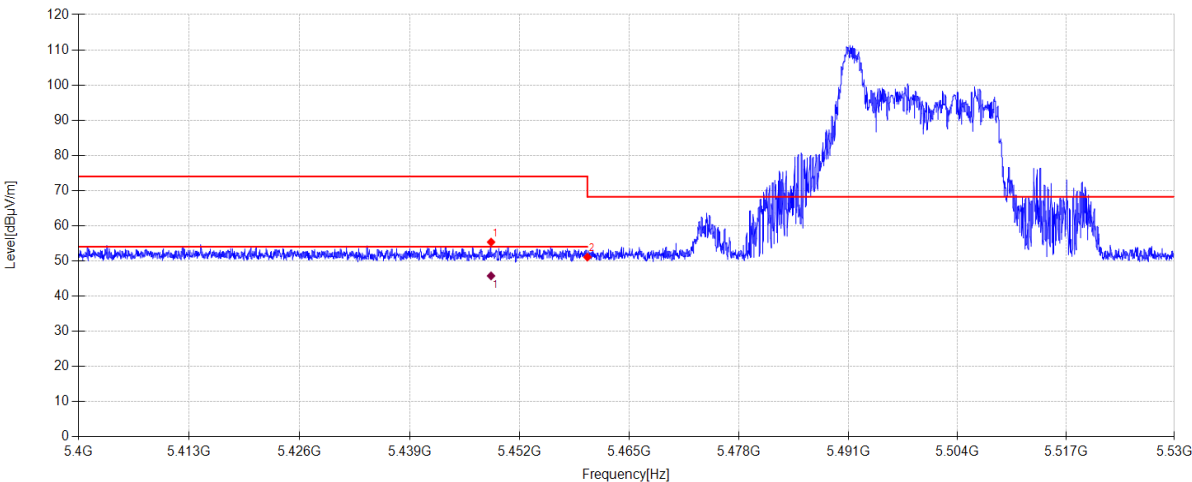
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5448.594	46.47	33.00	5.48	-29.60	55.35	74.00	18.65	PK	Horizontal
2	5460.000	42.19	33.00	5.48	-29.60	51.07	68.20	17.13	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5448.594	36.86	33.00	5.48	45.74	54	8.26	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 RU0 5500 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

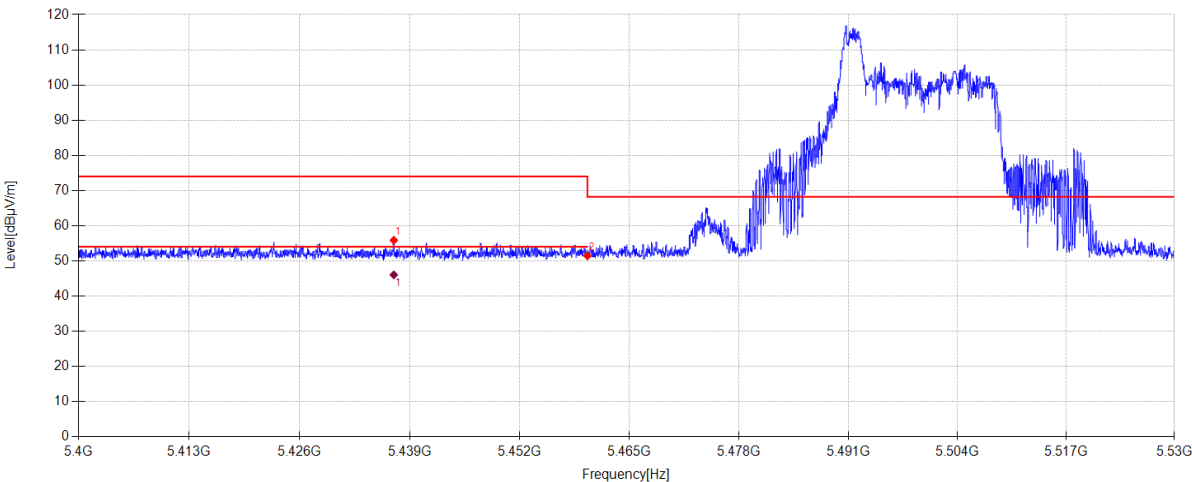
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
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	5437.102	46.96	33.03	5.47	-29.60	55.86	74.00	18.14	PK	Vertical
2	5460.000	42.55	33.00	5.48	-29.60	51.43	68.20	16.77	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	5437.102	37.13	33.03	5.47	46.03	54	7.97	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 RU8 5700 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

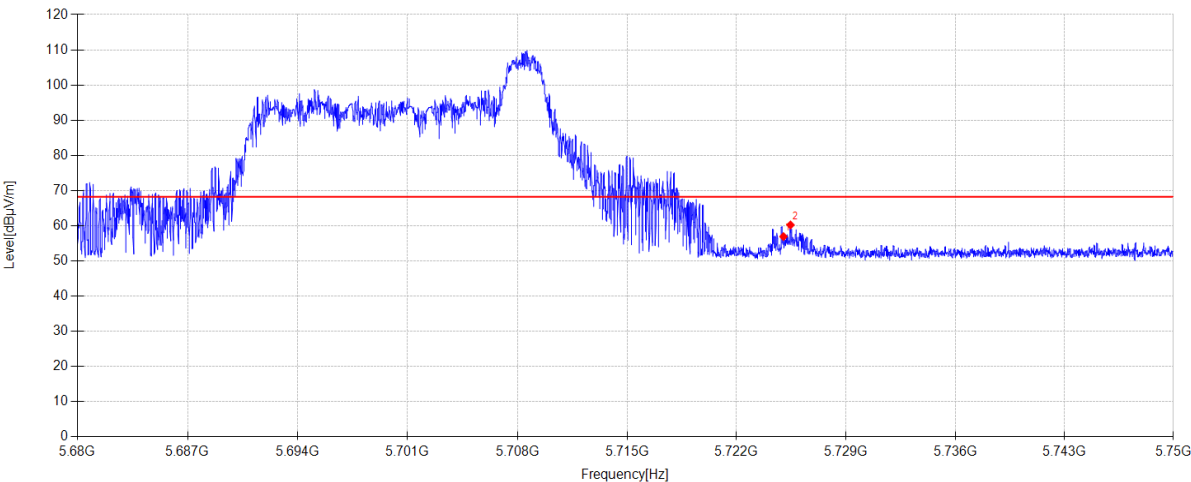
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
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	47.10	33.75	5.66	-29.60	56.91	68.20	11.29	PK	Horizontal
2	5725.451	50.40	33.75	5.66	-29.60	60.21	68.20	7.99	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-22

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO RU8 5700 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

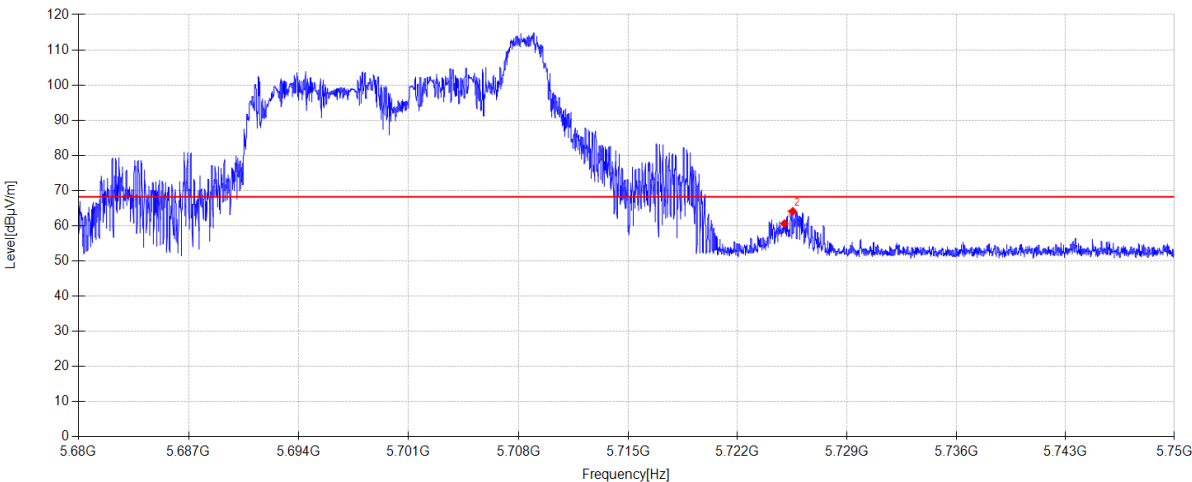
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
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	50.78	33.75	5.66	-29.60	60.59	68.20	7.61	PK	Vertical
2	5725.535	54.29	33.75	5.66	-29.60	64.10	68.20	4.10	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

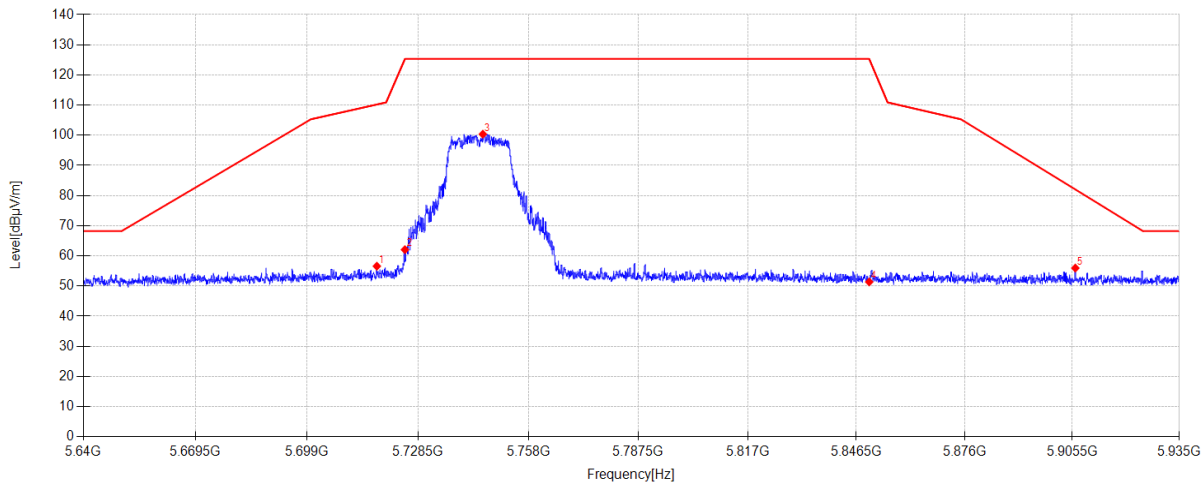
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Memo:

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	5717.526	46.60	33.71	5.87	-29.60	56.58	110.21	53.63	PK	Horizontal
2	5725.000	52.04	33.75	5.87	-29.60	62.06	125.30	63.24	PK	Horizontal
3	5745.787	90.21	33.87	5.88	-29.60	100.36	125.30	24.94	PK	Horizontal
4	5850.000	41.03	34.00	5.94	-29.60	51.37	125.30	73.93	PK	Horizontal
5	5906.356	45.49	34.11	5.96	-29.60	55.96	82.03	26.07	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

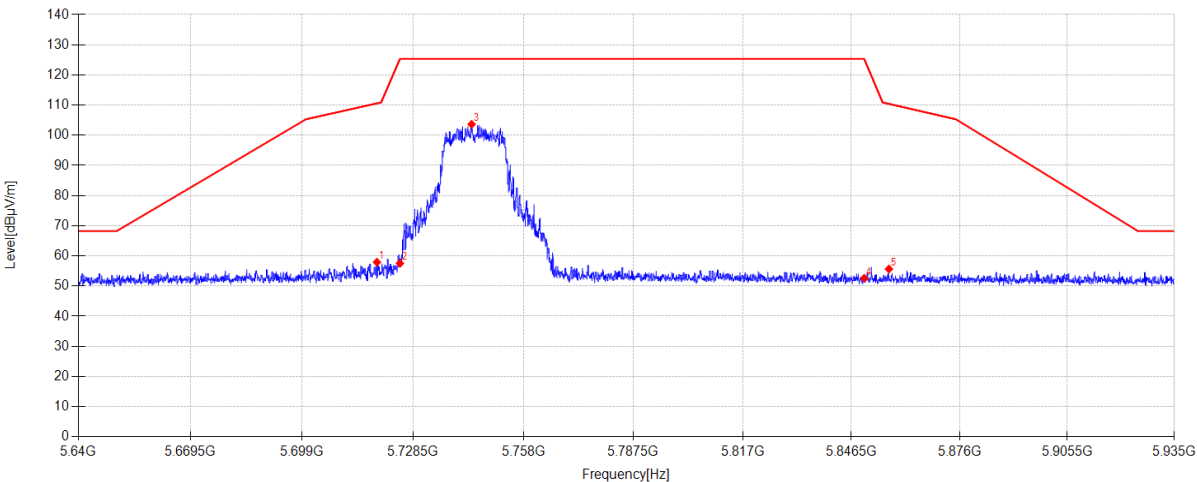
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Memo:

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	5718.883	47.92	33.71	5.87	-29.60	57.90	110.59	52.69	PK	Vertical
2	5725.000	47.50	33.75	5.87	-29.60	57.52	125.30	67.78	PK	Vertical
3	5744.135	93.50	33.86	5.88	-29.60	103.64	125.30	21.66	PK	Vertical
4	5850.000	42.25	34.00	5.94	-29.60	52.59	125.30	72.71	PK	Vertical
5	5856.737	45.29	34.01	5.94	-29.60	55.64	110.41	54.77	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

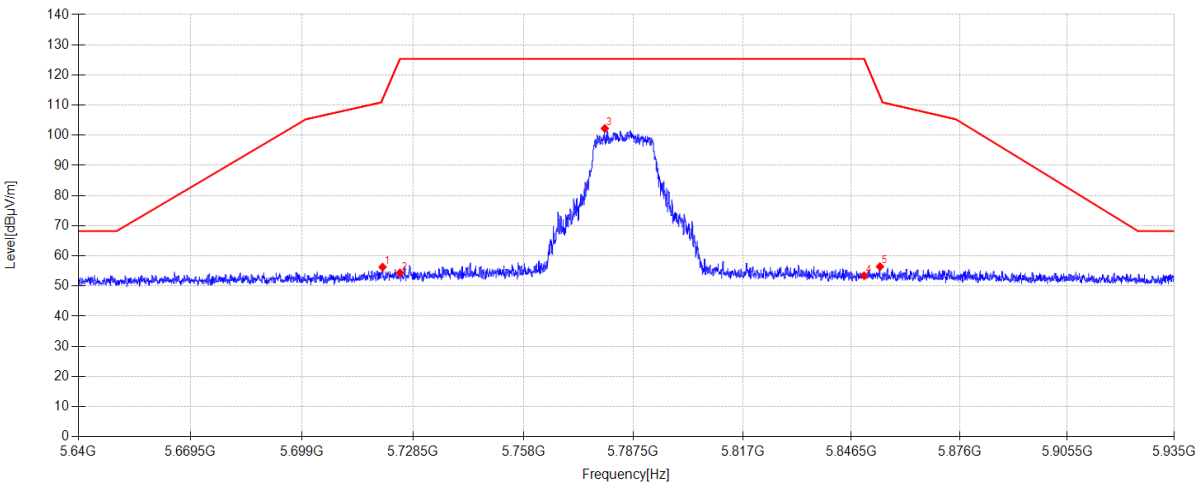
File Path:

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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	5720.388	46.28	33.72	5.87	-29.60	56.27	112.02	55.75	PK	Horizontal
2	5725.000	44.35	33.75	5.87	-29.60	54.37	125.30	70.93	PK	Horizontal
3	5779.830	91.88	34.08	5.90	-29.60	102.26	125.30	23.04	PK	Horizontal
4	5850.000	43.07	34.00	5.94	-29.60	53.41	125.30	71.89	PK	Horizontal
5	5854.288	46.08	34.01	5.94	-29.60	56.43	112.95	56.52	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 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

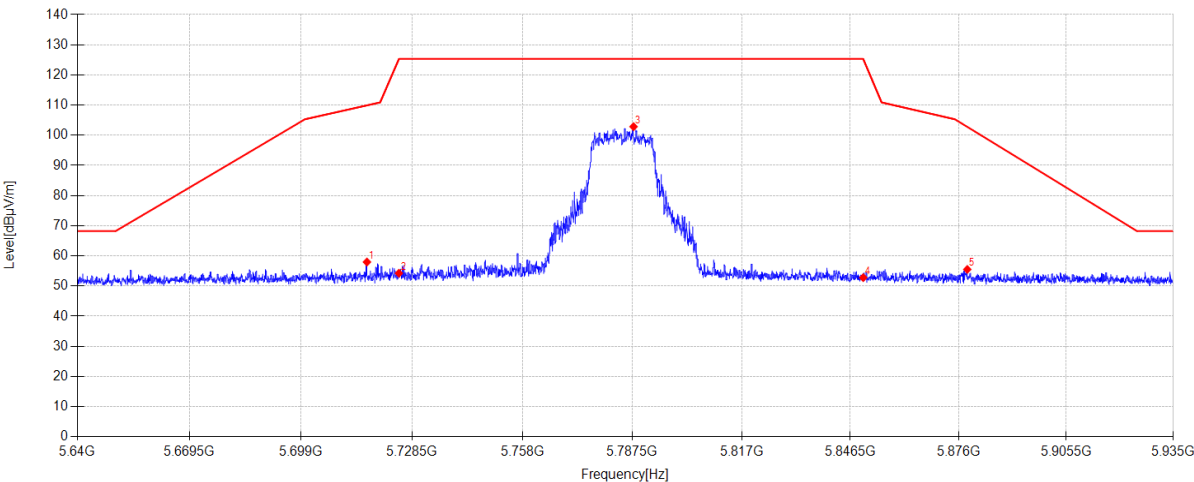
File Path:

d:\ts\2024 report data\BAR 300\MASK\4

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	5716.494	48.00	33.70	5.87	-29.60	57.97	109.92	51.95	PK	Vertical
2	5725.000	44.22	33.75	5.87	-29.60	54.24	125.30	71.06	PK	Vertical
3	5787.825	92.43	34.13	5.90	-29.60	102.86	125.30	22.44	PK	Vertical
4	5850.000	42.45	34.00	5.94	-29.60	52.79	125.30	72.51	PK	Vertical
5	5878.390	45.11	34.06	5.95	-29.60	55.52	102.78	47.26	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT1 11A 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

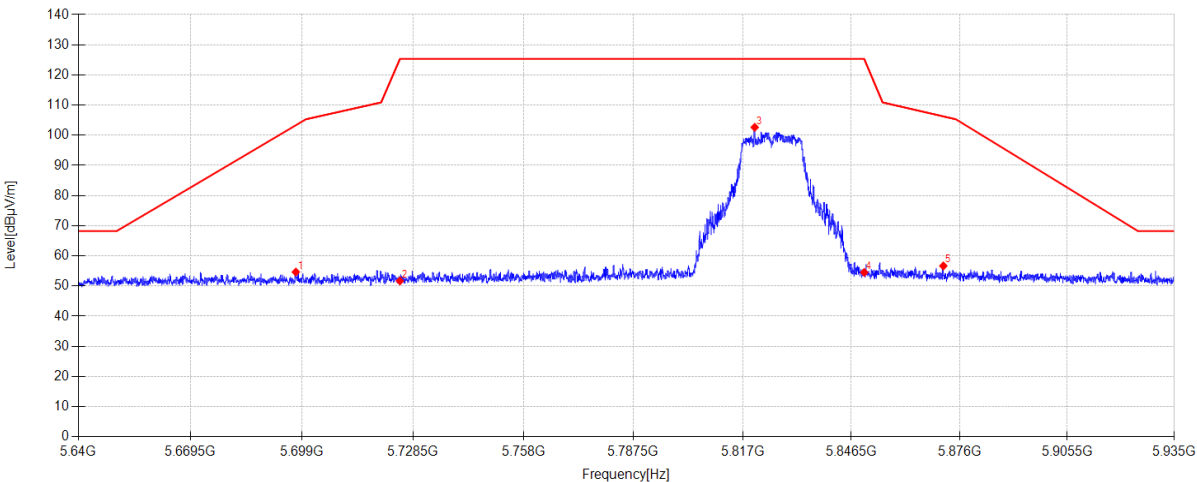
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d:\ts\2024 report data\BAR 300\MASK\5

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	5697.348	44.80	33.59	5.86	-29.60	54.65	103.33	48.68	PK	Horizontal
2	5725.000	41.67	33.75	5.87	-29.60	51.69	125.30	73.61	PK	Horizontal
3	5820.275	92.20	34.12	5.92	-29.60	102.64	125.30	22.66	PK	Horizontal
4	5850.000	44.18	34.00	5.94	-29.60	54.52	125.30	70.78	PK	Horizontal
5	5871.575	46.28	34.04	5.95	-29.60	56.67	106.26	49.59	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 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

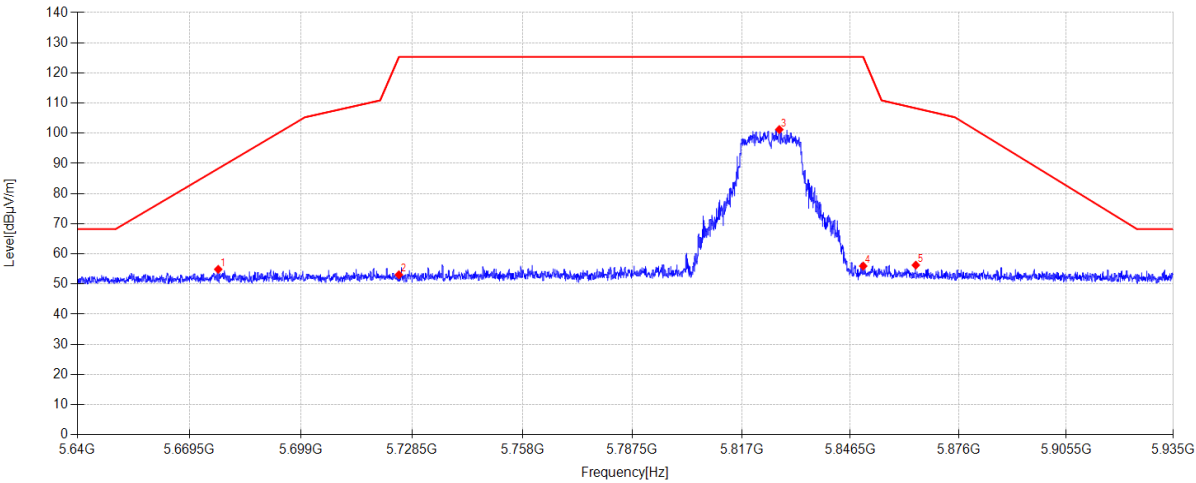
File Path:

d:\ts\2024 report data\BAR 300\MASK\6

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	5677.082	45.11	33.51	5.85	-29.60	54.87	88.29	33.42	PK	Vertical
2	5725.000	43.05	33.75	5.87	-29.60	53.07	125.30	72.23	PK	Vertical
3	5827.207	90.83	34.09	5.92	-29.60	101.24	125.30	24.06	PK	Vertical
4	5850.000	45.62	34.00	5.94	-29.60	55.96	125.30	69.34	PK	Vertical
5	5864.318	45.90	34.03	5.94	-29.60	56.27	108.29	52.02	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

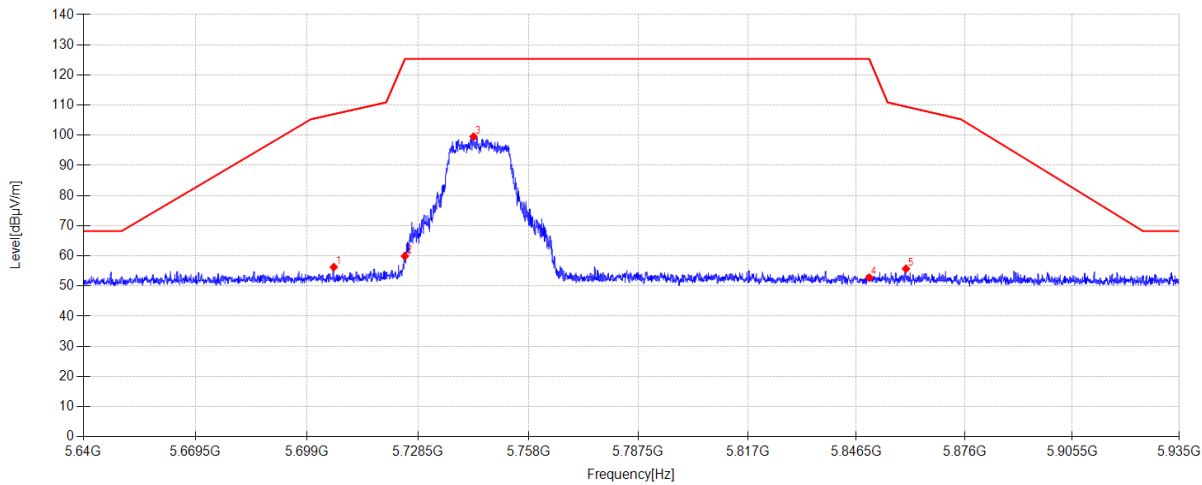
File Path:

d:\ts\2024 report data\BAR 300\MASK\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	5706.080	46.37	33.64	5.86	-29.60	56.27	107.00	50.73	PK	Horizontal
2	5725.000	49.93	33.75	5.87	-29.60	59.95	125.30	65.35	PK	Horizontal
3	5743.309	89.38	33.86	5.88	-29.60	99.52	125.30	25.78	PK	Horizontal
4	5850.000	42.44	34.00	5.94	-29.60	52.78	125.30	72.52	PK	Horizontal
5	5860.011	45.36	34.02	5.94	-29.60	55.72	109.50	53.78	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:

ANT2 11A 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

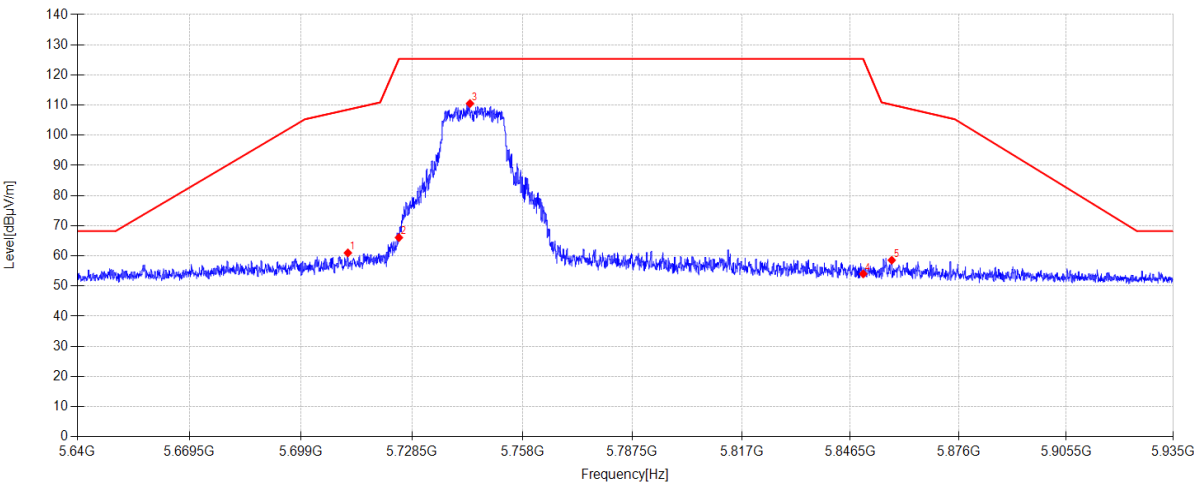
File Path:

d:\ts\2024 report data\BAR 300\MASK\12

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	5711.420	51.04	33.67	5.87	-29.60	60.98	108.50	47.52	PK	Vertical
2	5725.000	56.05	33.75	5.87	-29.60	66.07	125.30	59.23	PK	Vertical
3	5743.958	100.38	33.86	5.88	-29.60	110.52	125.30	14.78	PK	Vertical
4	5850.000	43.70	34.00	5.94	-29.60	54.04	125.30	71.26	PK	Vertical
5	5857.769	48.21	34.02	5.94	-29.60	58.57	110.12	51.55	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 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

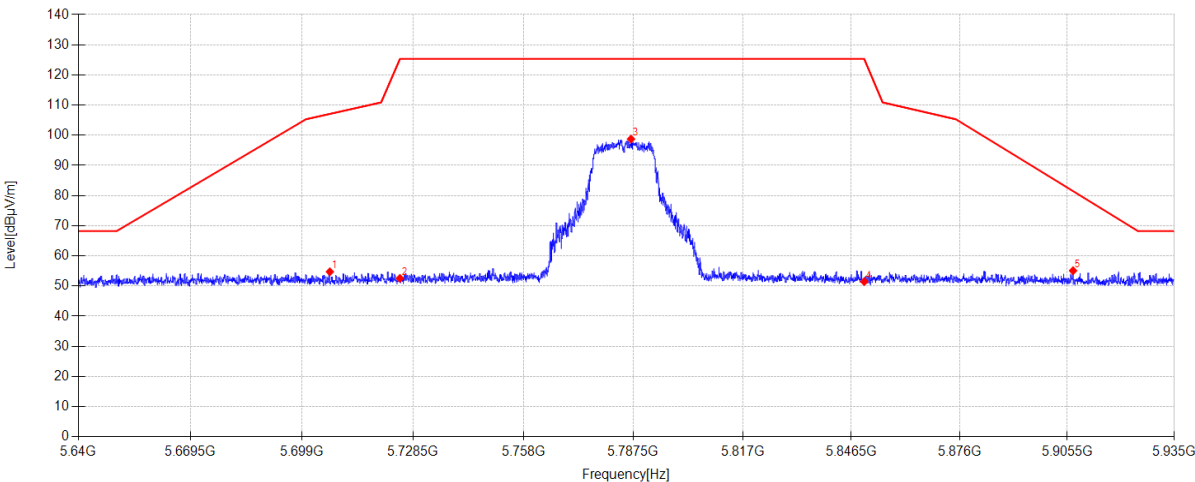
File Path:

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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	5706.375	44.84	33.64	5.86	-29.60	54.74	107.09	52.35	PK	Horizontal
2	5725.000	42.53	33.75	5.87	-29.60	52.55	125.30	72.75	PK	Horizontal
3	5786.881	88.33	34.12	5.90	-29.60	98.75	125.30	26.55	PK	Horizontal
4	5850.000	41.14	34.00	5.94	-29.60	51.48	125.30	73.82	PK	Horizontal
5	5907.093	44.62	34.11	5.96	-29.60	55.09	81.49	26.40	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

ANT2 11A 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

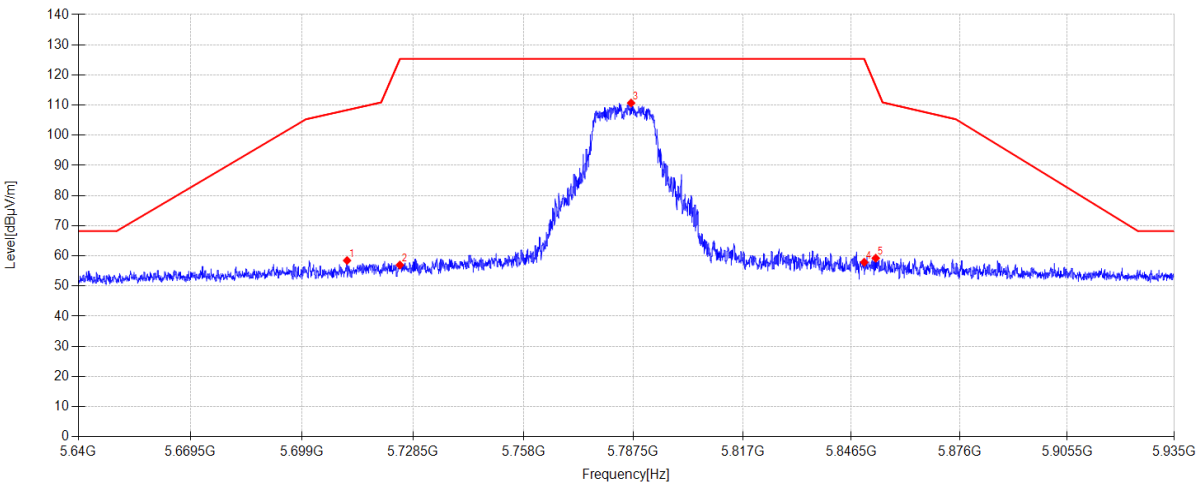
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Memo:

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	5710.948	48.53	33.67	5.87	-29.60	58.47	108.37	49.90	PK	Vertical
2	5725.000	46.95	33.75	5.87	-29.60	56.97	125.30	68.33	PK	Vertical
3	5786.910	100.27	34.12	5.90	-29.60	110.69	125.30	14.61	PK	Vertical
4	5850.000	47.54	34.00	5.94	-29.60	57.88	125.30	67.42	PK	Vertical
5	5853.138	48.87	34.01	5.94	-29.60	59.22	116.26	57.04	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 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

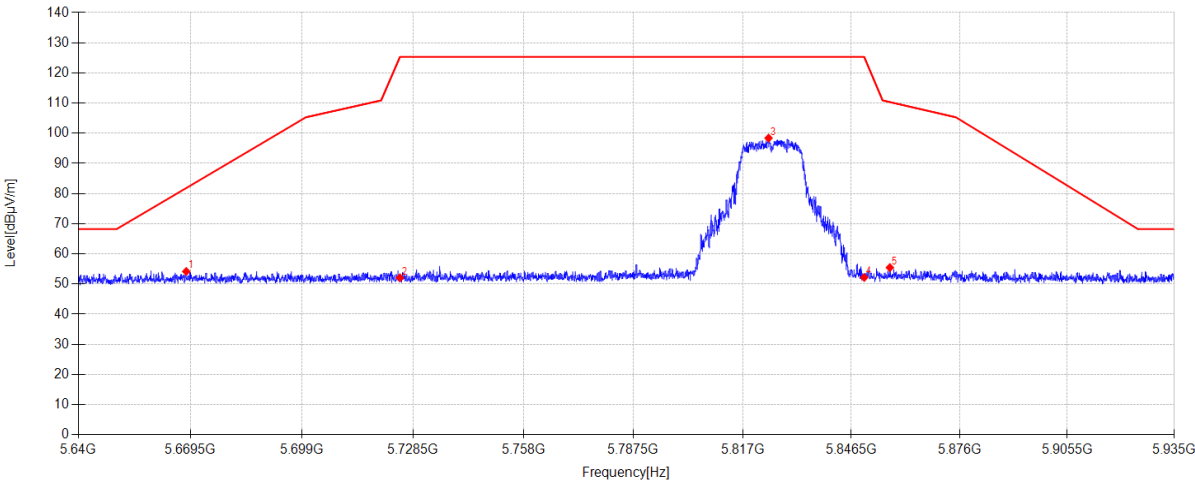
File Path:

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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	5668.379	44.47	33.47	5.84	-29.60	54.18	81.84	27.66	PK	Horizontal
2	5725.000	42.06	33.75	5.87	-29.60	52.08	125.30	73.22	PK	Horizontal
3	5824.021	87.99	34.10	5.92	-29.60	98.41	125.30	26.89	PK	Horizontal
4	5850.000	41.85	34.00	5.94	-29.60	52.19	125.30	73.11	PK	Horizontal
5	5856.973	45.11	34.01	5.94	-29.60	55.46	110.35	54.89	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 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

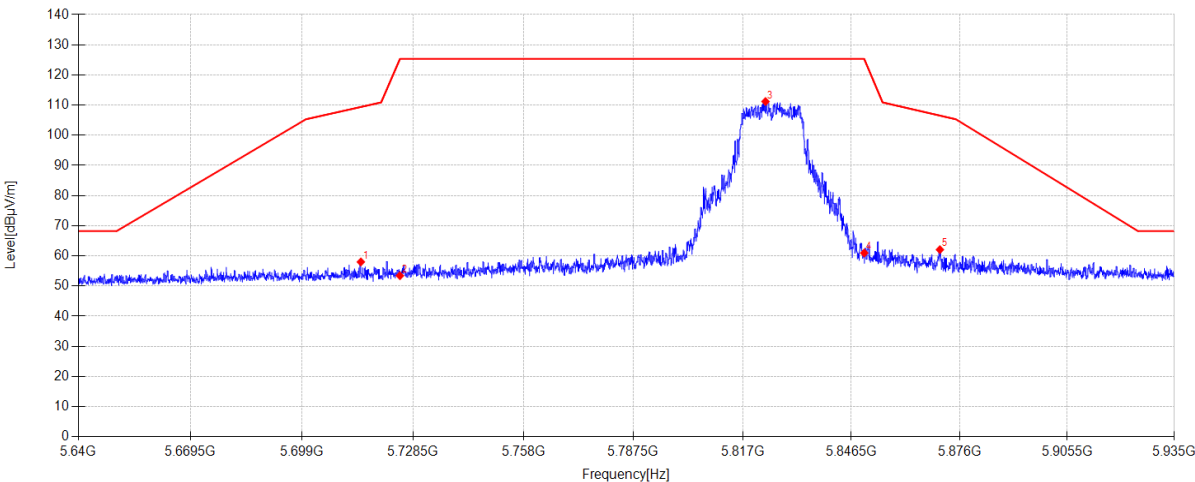
File Path:

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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	5714.606	48.03	33.69	5.87	-29.60	57.99	109.39	51.40	PK	Vertical
2	5725.000	43.41	33.75	5.87	-29.60	53.43	125.30	71.87	PK	Vertical
3	5823.195	100.76	34.11	5.92	-29.60	111.19	125.30	14.11	PK	Vertical
4	5850.000	50.62	34.00	5.94	-29.60	60.96	125.30	64.34	PK	Vertical
5	5870.631	51.67	34.04	5.95	-29.60	62.06	106.52	44.46	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

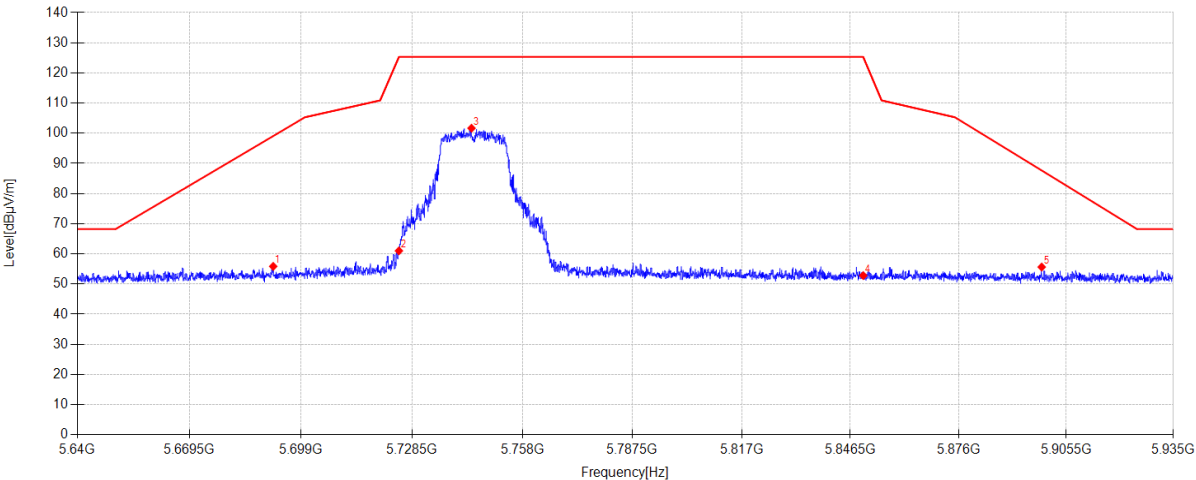
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Memo:

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	5691.625	46.02	33.57	5.86	-29.60	55.85	99.09	43.24	PK	Horizontal
2	5725.000	50.99	33.75	5.87	-29.60	61.01	125.30	64.29	PK	Horizontal
3	5744.371	91.52	33.87	5.88	-29.60	101.67	125.30	23.63	PK	Horizontal
4	5850.000	42.47	34.00	5.94	-29.60	52.81	125.30	72.49	PK	Horizontal
5	5898.774	45.18	34.10	5.96	-29.60	55.64	87.66	32.02	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:

11N20 MIMO 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

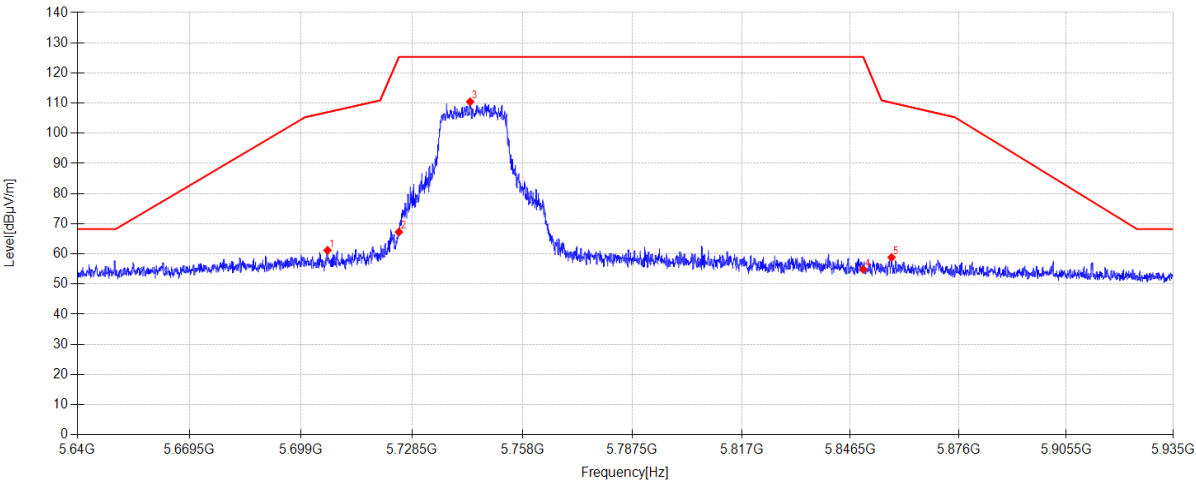
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Memo:

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	5706.021	51.28	33.64	5.86	-29.60	61.18	106.99	45.81	PK	Vertical
2	5725.000	57.24	33.75	5.87	-29.60	67.26	125.30	58.04	PK	Vertical
3	5743.988	100.31	33.86	5.88	-29.60	110.45	125.30	14.85	PK	Vertical
4	5850.000	44.53	34.00	5.94	-29.60	54.87	125.30	70.43	PK	Vertical
5	5857.710	48.46	34.02	5.94	-29.60	58.82	110.14	51.32	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 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

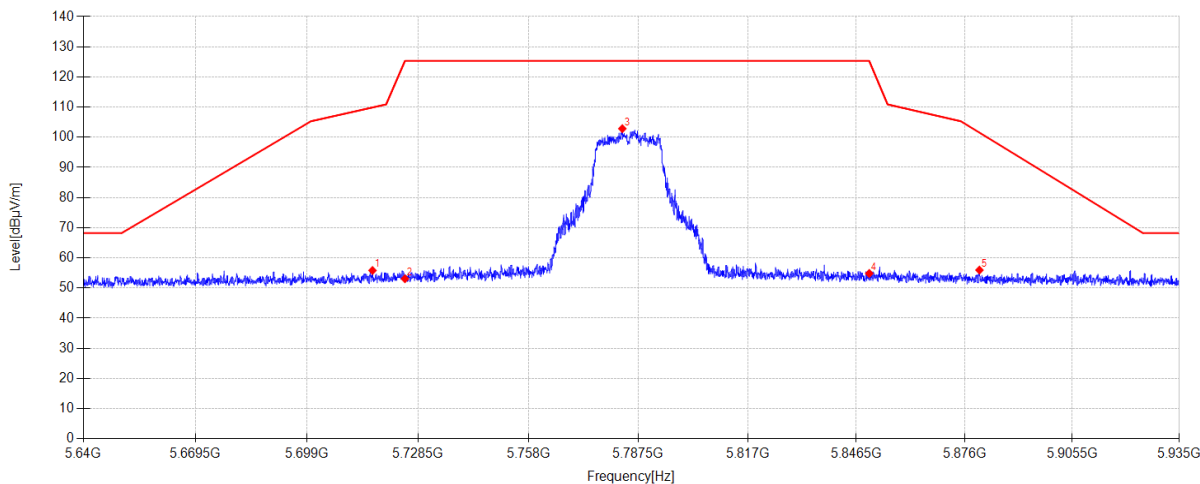
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Memo:

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	5716.376	45.86	33.70	5.87	-29.60	55.83	109.89	54.06	PK	Horizontal
2	5725.000	43.05	33.75	5.87	-29.60	53.07	125.30	72.23	PK	Horizontal
3	5783.193	92.46	34.10	5.90	-29.60	102.86	125.30	22.44	PK	Horizontal
4	5850.000	44.50	34.00	5.94	-29.60	54.84	125.30	70.46	PK	Horizontal
5	5880.071	45.54	34.06	5.95	-29.60	55.95	101.54	45.59	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 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

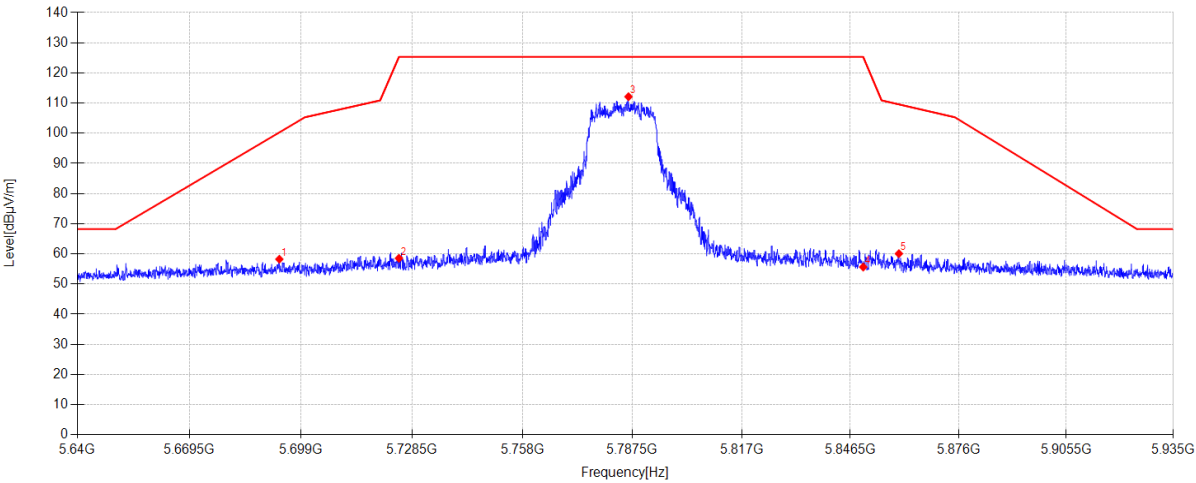
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Memo:

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	5693.248	48.40	33.57	5.86	-29.60	58.23	100.29	42.06	PK	Vertical
2	5725.000	48.53	33.75	5.87	-29.60	58.55	125.30	66.75	PK	Vertical
3	5786.468	101.71	34.12	5.90	-29.60	112.13	125.30	13.17	PK	Vertical
4	5850.000	45.30	34.00	5.94	-29.60	55.64	125.30	69.66	PK	Vertical
5	5859.716	49.71	34.02	5.94	-29.60	60.07	109.58	49.51	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 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

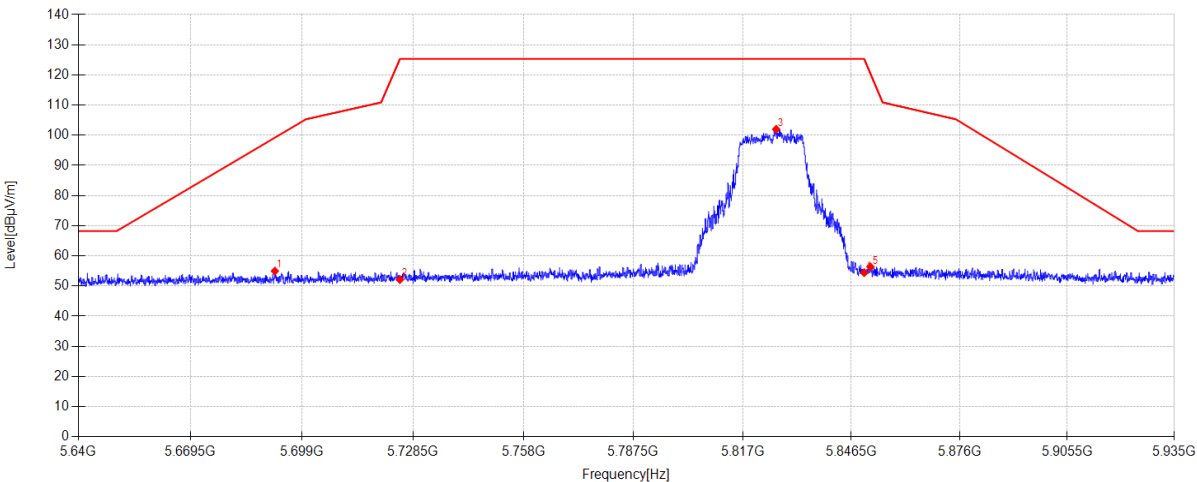
File Path:

d:\ts\2024 report data\BAR 300\MASK\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	5691.802	45.13	33.57	5.86	-29.60	54.96	99.22	44.26	PK	Horizontal
2	5725.000	42.11	33.75	5.87	-29.60	52.13	125.30	73.17	PK	Horizontal
3	5826.086	91.57	34.10	5.92	-29.60	101.99	125.30	23.31	PK	Horizontal
4	5850.000	44.09	34.00	5.94	-29.60	54.43	125.30	70.87	PK	Horizontal
5	5851.722	46.01	34.00	5.94	-29.60	56.35	120.34	63.99	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N20 MIMO 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

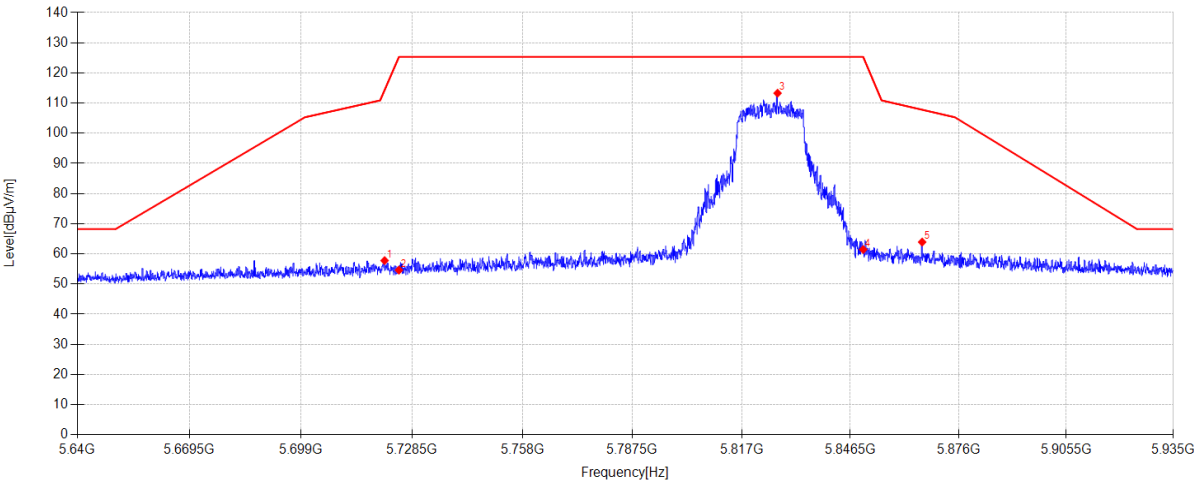
File Path:

d:\ts\2024 report data\BAR 300\MASK\18

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	5721.184	47.78	33.73	5.87	-29.60	57.78	114.31	56.53	PK	Vertical
2	5725.000	44.59	33.75	5.87	-29.60	54.61	125.30	70.69	PK	Vertical
3	5826.735	102.89	34.09	5.92	-29.60	113.30	125.30	12.00	PK	Vertical
4	5850.000	51.12	34.00	5.94	-29.60	61.46	125.30	63.84	PK	Vertical
5	5866.059	53.55	34.03	5.94	-29.60	63.92	107.80	43.88	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5755 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

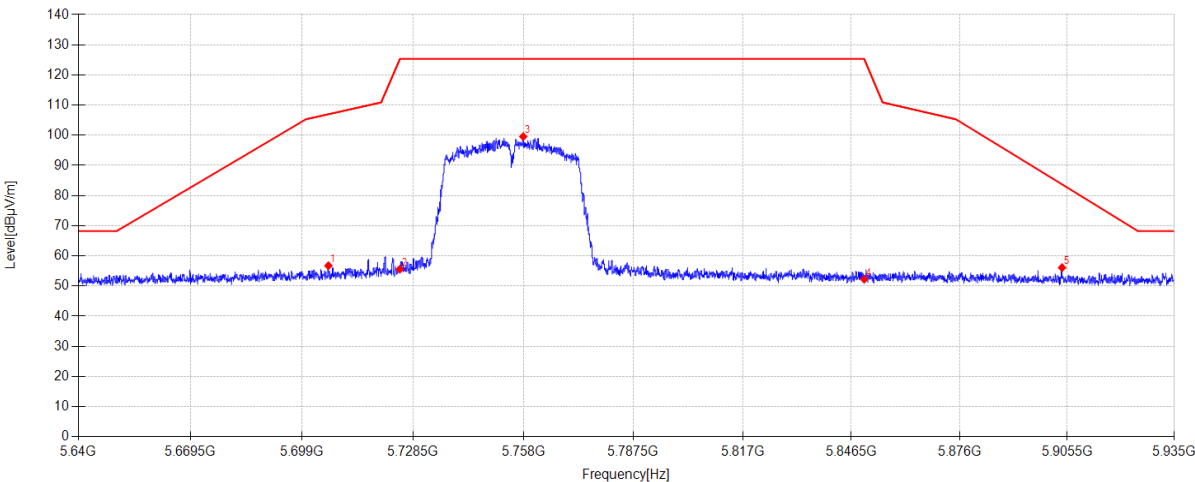
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d:\ts\2024 report data\BAR 300\MASK\19

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	5705.992	46.84	33.64	5.86	-29.60	56.74	106.98	50.24	PK	Horizontal
2	5725.000	45.58	33.75	5.87	-29.60	55.60	125.30	69.70	PK	Horizontal
3	5757.941	89.33	33.95	5.89	-29.60	99.57	125.30	25.73	PK	Horizontal
4	5850.000	41.91	34.00	5.94	-29.60	52.25	125.30	73.05	PK	Horizontal
5	5904.084	45.63	34.11	5.96	-29.60	56.10	83.72	27.62	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 5755 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

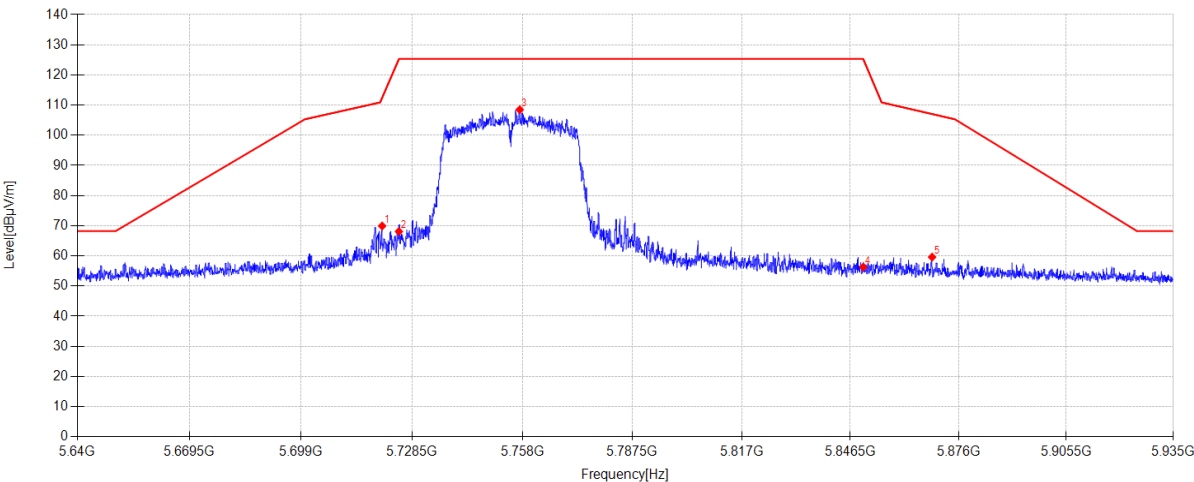
File Path:

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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	5720.535	59.92	33.72	5.87	-29.60	69.91	112.44	42.53	PK	Vertical
2	5725.000	58.08	33.75	5.87	-29.60	68.10	125.30	57.20	PK	Vertical
3	5757.263	98.26	33.94	5.89	-29.60	108.49	125.30	16.81	PK	Vertical
4	5850.000	45.95	34.00	5.94	-29.60	56.29	125.30	69.01	PK	Vertical
5	5868.773	49.22	34.04	5.94	-29.60	59.60	107.04	47.44	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:

11N40 MIMO 5795 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

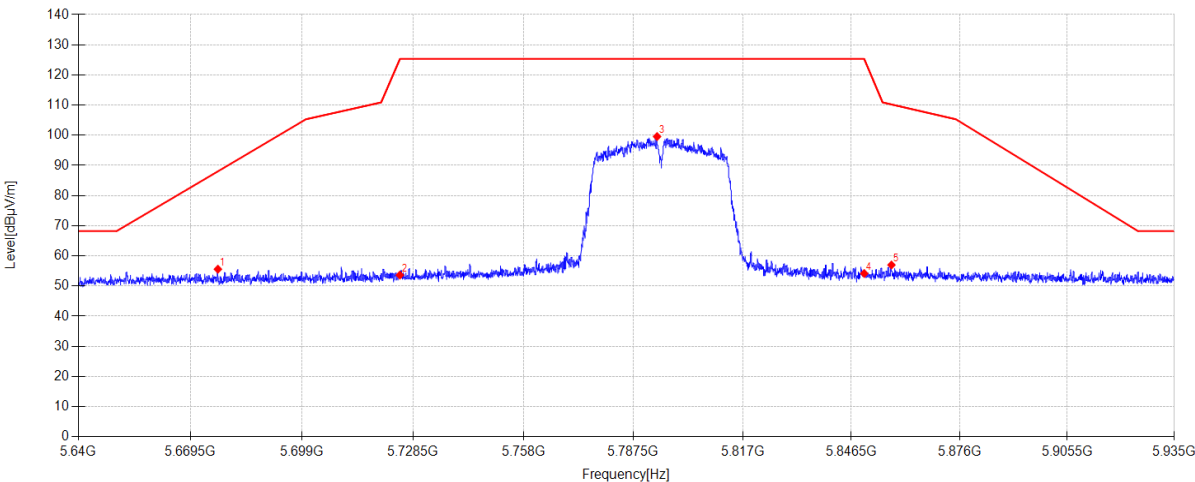
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Memo:

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	5676.728	45.82	33.51	5.85	-29.60	55.58	88.03	32.45	PK	Horizontal
2	5725.000	43.61	33.75	5.87	-29.60	53.63	125.30	71.67	PK	Horizontal
3	5793.902	89.10	34.16	5.91	-29.60	99.57	125.30	25.73	PK	Horizontal
4	5850.000	43.81	34.00	5.94	-29.60	54.15	125.30	71.15	PK	Horizontal
5	5857.415	46.64	34.01	5.94	-29.60	56.99	110.22	53.23	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11N40 MIMO 5795 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

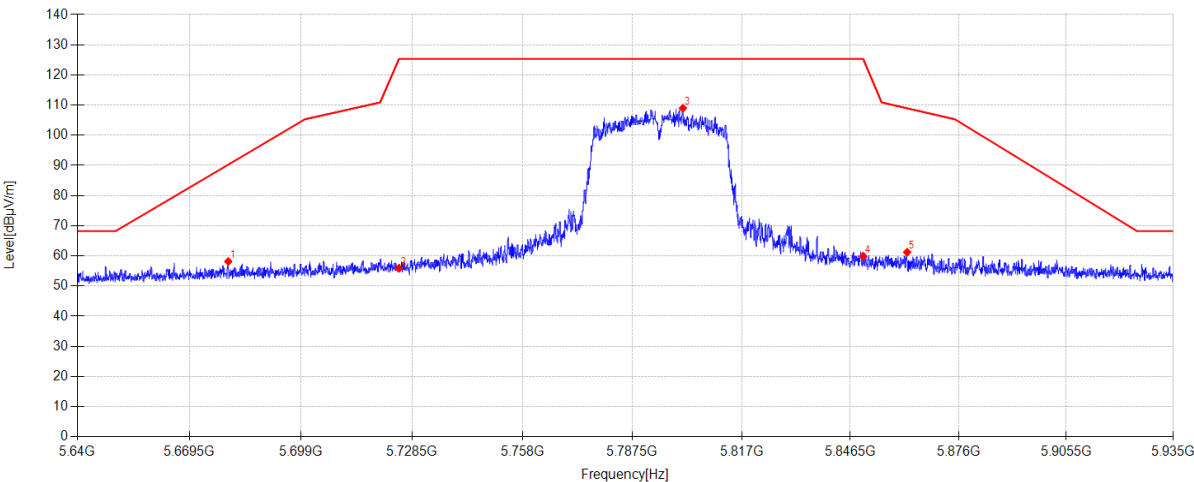
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d:\ts\2024 report data\BAR 300\MASK\22

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	5679.737	48.38	33.52	5.85	-29.60	58.15	90.26	32.11	PK	Vertical
2	5725.000	45.86	33.75	5.87	-29.60	55.88	125.30	69.42	PK	Vertical
3	5801.129	98.46	34.20	5.91	-29.60	108.97	125.30	16.33	PK	Vertical
4	5850.000	49.56	34.00	5.94	-29.60	59.90	125.30	65.40	PK	Vertical
5	5861.958	50.85	34.02	5.94	-29.60	61.21	108.95	47.74	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:

11AC20 MIMO 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

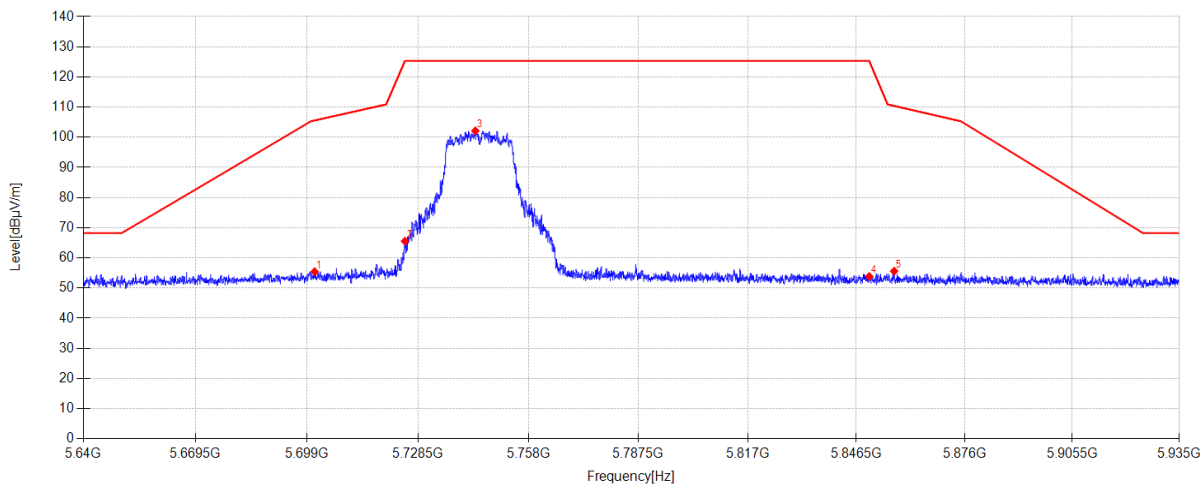
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Memo:

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	5701.006	45.55	33.61	5.86	-29.60	55.42	105.58	50.16	PK	Horizontal
2	5725.000	55.52	33.75	5.87	-29.60	65.54	125.30	59.76	PK	Horizontal
3	5743.781	91.99	33.86	5.88	-29.60	102.13	125.30	23.17	PK	Horizontal
4	5850.000	43.49	34.00	5.94	-29.60	53.83	125.30	71.47	PK	Horizontal
5	5856.796	45.25	34.01	5.94	-29.60	55.60	110.40	54.80	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

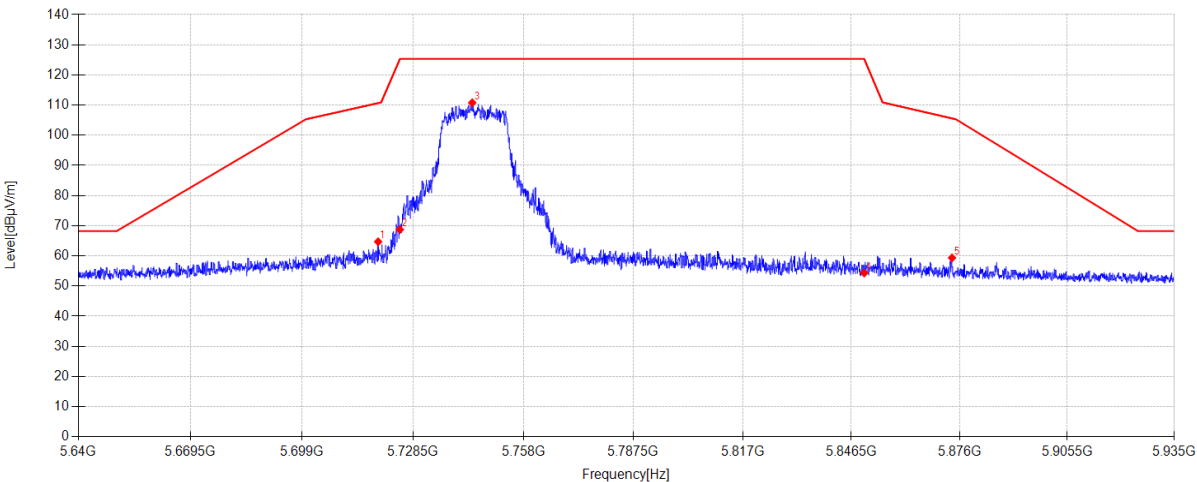
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Memo:

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	5719.208	54.70	33.72	5.87	-29.60	64.69	110.68	45.99	PK	Vertical
2	5725.000	58.72	33.75	5.87	-29.60	68.74	125.30	56.56	PK	Vertical
3	5744.283	100.63	33.87	5.88	-29.60	110.78	125.30	14.52	PK	Vertical
4	5850.000	44.00	34.00	5.94	-29.60	54.34	125.30	70.96	PK	Vertical
5	5873.935	48.95	34.05	5.95	-29.60	59.35	105.60	46.25	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 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

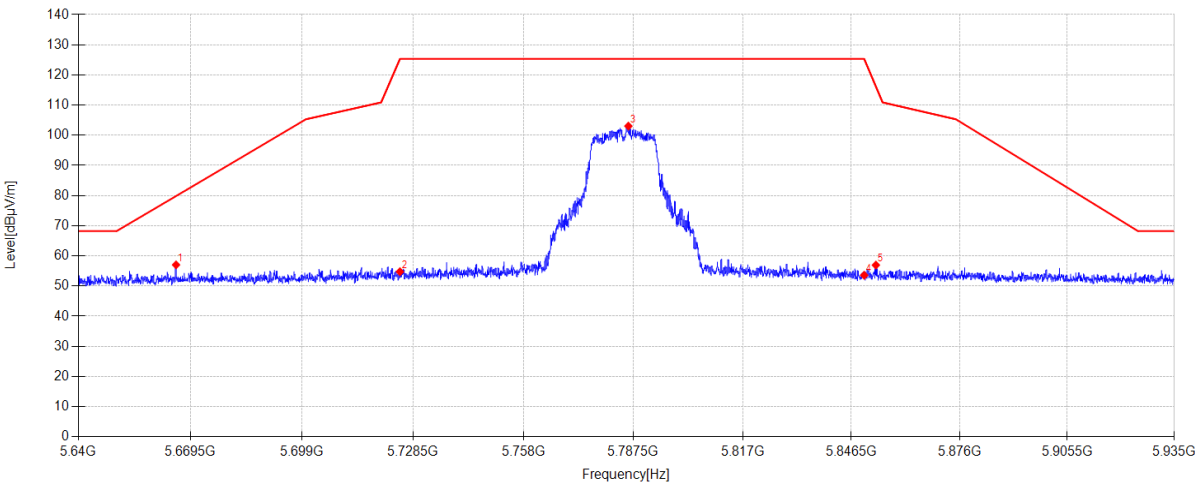
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Memo:

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	5665.695	47.32	33.46	5.84	-29.60	57.02	79.85	22.83	PK	Horizontal
2	5725.000	44.73	33.75	5.87	-29.60	54.75	125.30	70.55	PK	Horizontal
3	5786.173	92.62	34.12	5.90	-29.60	103.04	125.30	22.26	PK	Horizontal
4	5850.000	43.24	34.00	5.94	-29.60	53.58	125.30	71.72	PK	Horizontal
5	5853.167	46.60	34.01	5.94	-29.60	56.95	116.18	59.23	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

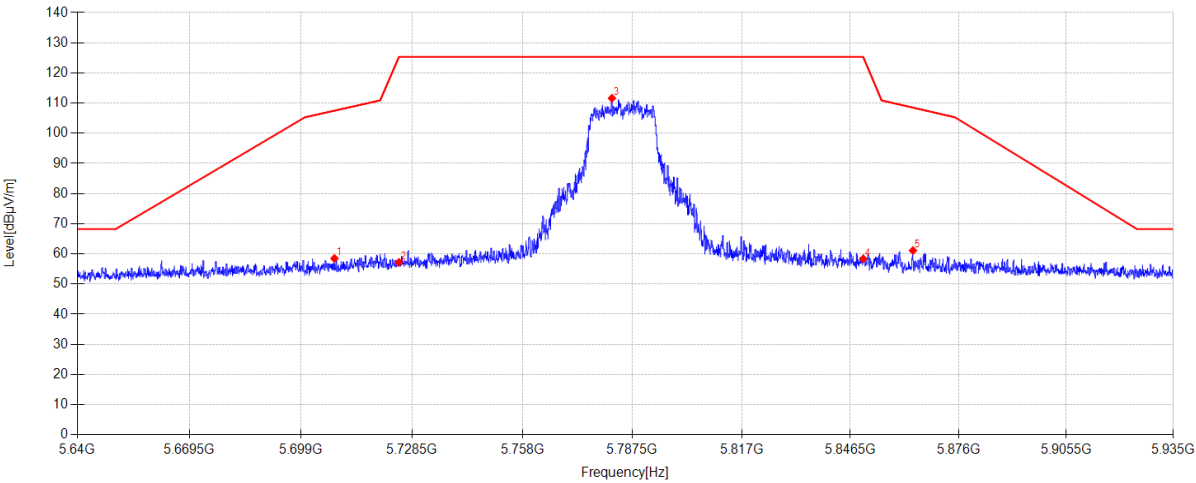
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Memo:

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	5707.850	48.58	33.65	5.86	-29.60	58.49	107.50	49.01	PK	Vertical
2	5725.000	47.15	33.75	5.87	-29.60	57.17	125.30	68.13	PK	Vertical
3	5782.013	101.23	34.09	5.90	-29.60	111.62	125.30	13.68	PK	Vertical
4	5850.000	47.99	34.00	5.94	-29.60	58.33	125.30	66.97	PK	Vertical
5	5863.551	50.75	34.03	5.94	-29.60	61.12	108.51	47.39	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC20 MIMO 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

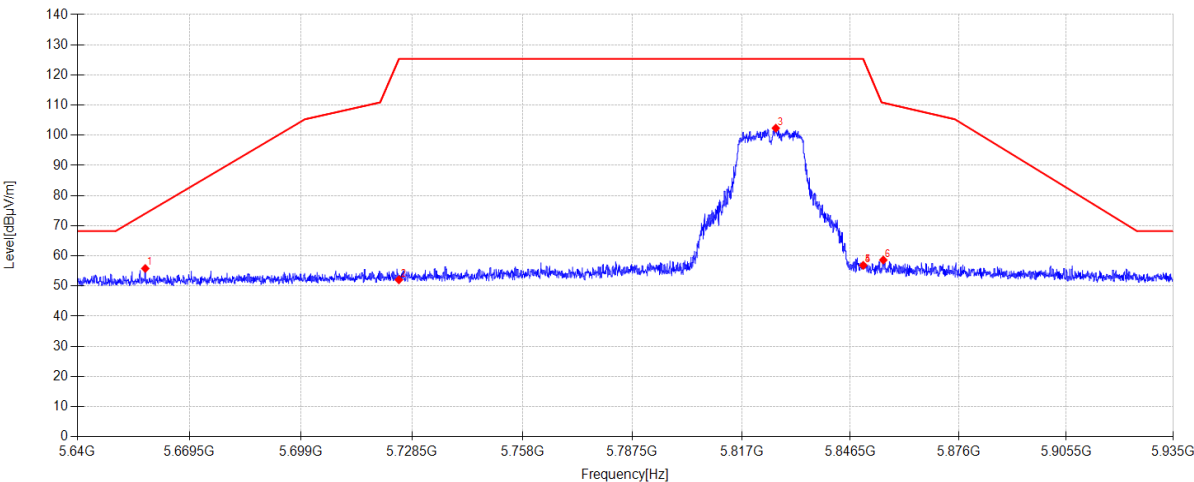
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Memo:

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	5657.848	46.15	33.43	5.84	-29.60	55.82	74.02	18.20	PK	Horizontal
2	5725.000	42.05	33.75	5.87	-29.60	52.07	125.30	73.23	PK	Horizontal
3	5826.263	91.94	34.09	5.92	-29.60	102.35	125.30	22.95	PK	Horizontal
4	5850.000	46.52	34.00	5.94	-29.60	56.86	125.30	68.44	PK	Horizontal
5	5850.000	46.52	34.00	5.94	-29.60	56.86	125.30	68.44	PK	Horizontal
6	5855.468	48.27	34.01	5.94	-29.60	58.62	110.77	52.15	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 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

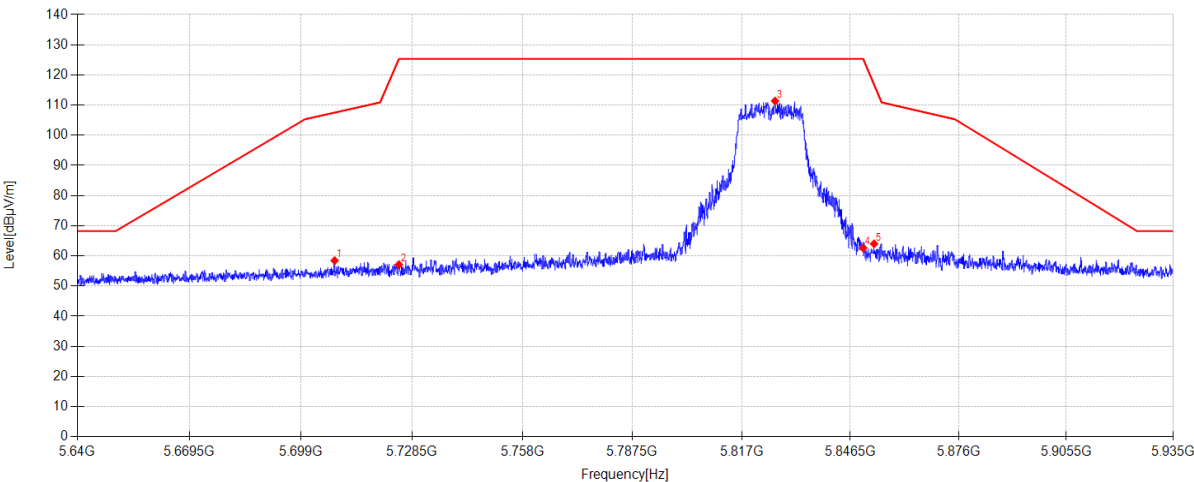
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Memo:

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	5707.909	48.52	33.65	5.86	-29.60	58.43	107.51	49.08	PK	Vertical
2	5725.000	47.06	33.75	5.87	-29.60	57.08	125.30	68.22	PK	Vertical
3	5826.057	100.93	34.10	5.92	-29.60	111.35	125.30	13.95	PK	Vertical
4	5850.000	52.28	34.00	5.94	-29.60	62.62	125.30	62.68	PK	Vertical
5	5852.961	53.65	34.01	5.94	-29.60	64.00	116.77	52.77	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5755 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

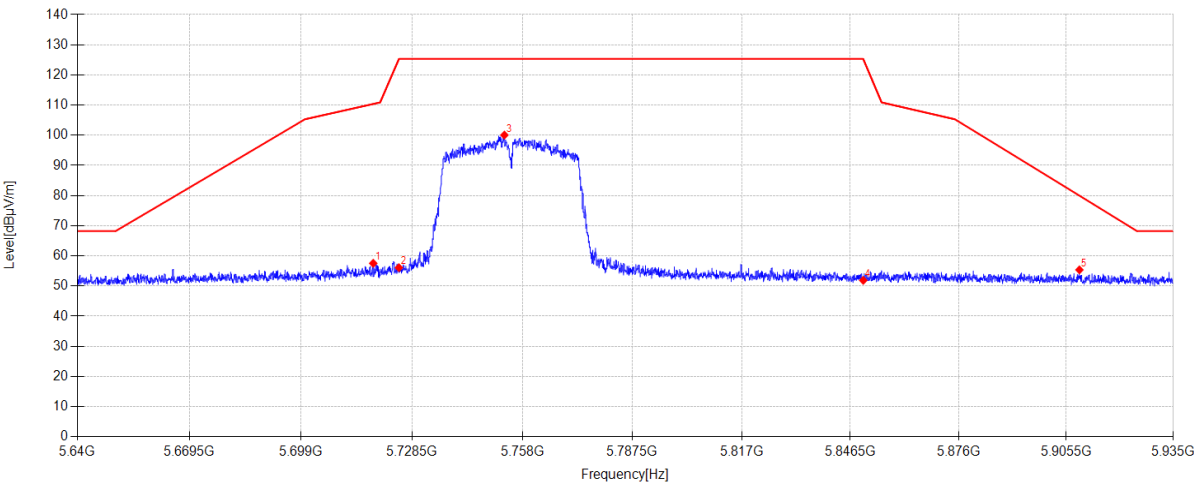
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Memo:

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	5718.175	47.56	33.71	5.87	-29.60	57.54	110.39	52.85	PK	Horizontal
2	5725.000	46.07	33.75	5.87	-29.60	56.09	125.30	69.21	PK	Horizontal
3	5753.162	89.85	33.92	5.89	-29.60	100.06	125.30	25.24	PK	Horizontal
4	5850.000	41.55	34.00	5.94	-29.60	51.89	125.30	73.41	PK	Horizontal
5	5909.129	44.89	34.12	5.96	-29.60	55.37	79.98	24.61	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 5755 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

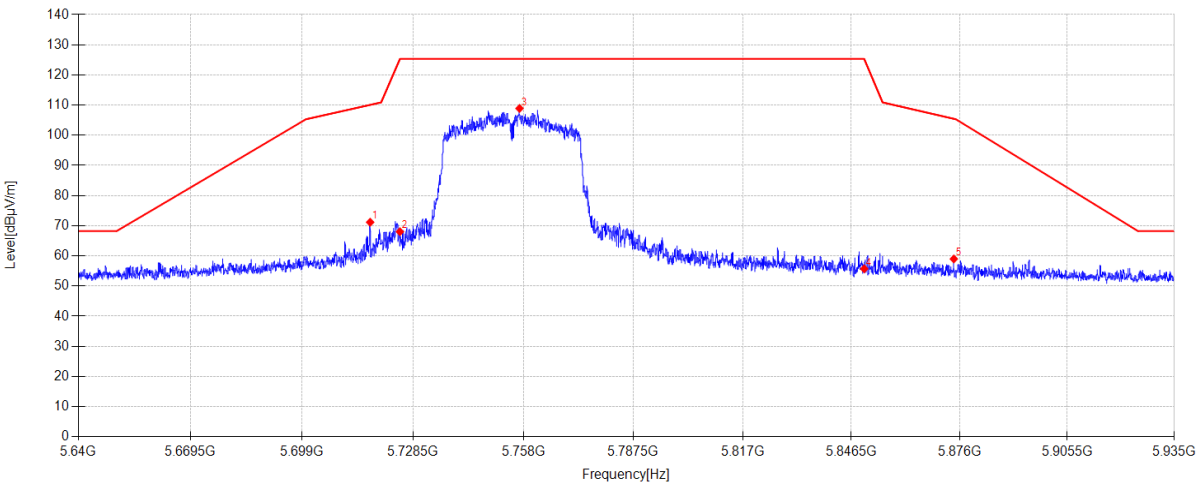
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Memo:

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	5717.084	61.19	33.70	5.87	-29.60	71.16	110.08	38.92	PK	Vertical
2	5725.000	58.01	33.75	5.87	-29.60	68.03	125.30	57.27	PK	Vertical
3	5756.938	98.67	33.94	5.89	-29.60	108.90	125.30	16.40	PK	Vertical
4	5850.000	45.37	34.00	5.94	-29.60	55.71	125.30	69.59	PK	Vertical
5	5874.437	48.58	34.05	5.95	-29.60	58.98	105.46	46.48	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC40 MIMO 5795 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

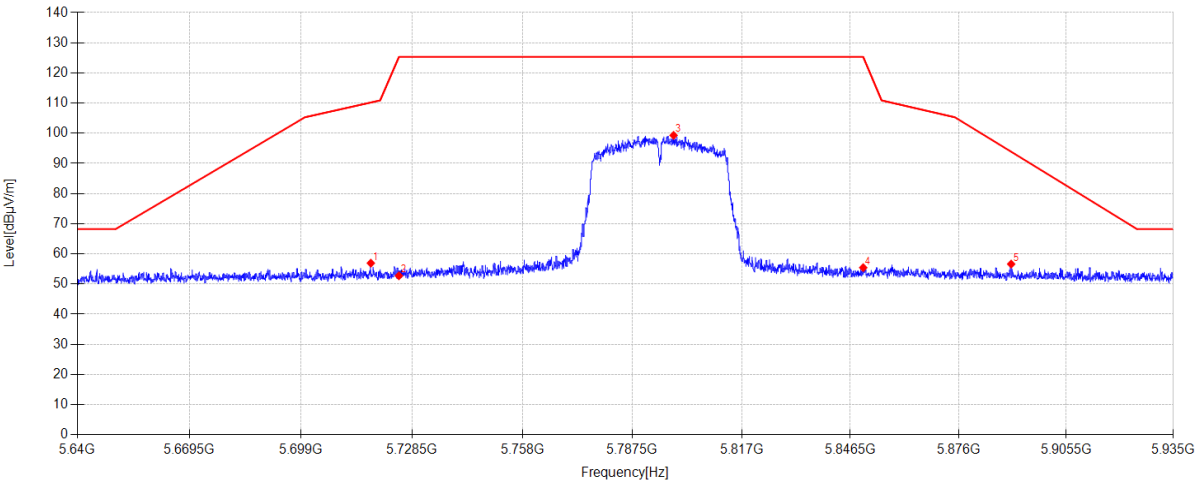
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Memo:

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	5717.526	46.94	33.71	5.87	-29.60	56.92	110.21	53.29	PK	Horizontal
2	5725.000	42.71	33.75	5.87	-29.60	52.73	125.30	72.57	PK	Horizontal
3	5798.622	88.80	34.19	5.91	-29.60	99.30	125.30	26.00	PK	Horizontal
4	5850.000	45.10	34.00	5.94	-29.60	55.44	125.30	69.86	PK	Horizontal
5	5890.396	46.19	34.08	5.96	-29.60	56.63	93.88	37.25	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 5795 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

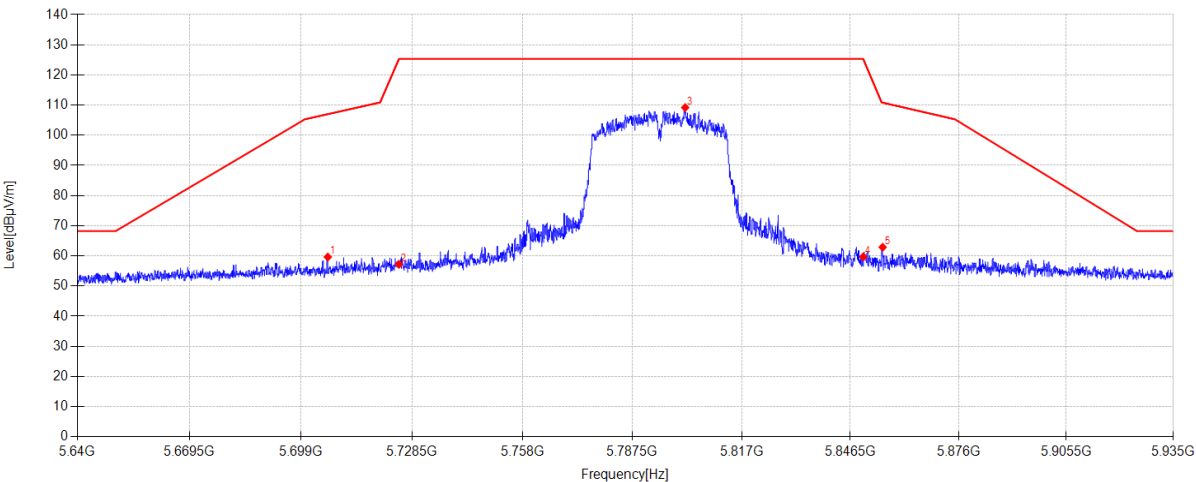
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d:\ts\2024 report data\BAR 300\MASK\32

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	5706.080	49.73	33.64	5.86	-29.60	59.63	107.00	47.37	PK	Vertical
2	5725.000	47.17	33.75	5.87	-29.60	57.19	125.30	68.11	PK	Vertical
3	5801.749	98.69	34.19	5.91	-29.60	109.19	125.30	16.11	PK	Vertical
4	5850.000	49.36	34.00	5.94	-29.60	59.70	125.30	65.60	PK	Vertical
5	5855.291	52.52	34.01	5.94	-29.60	62.87	110.82	47.95	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 5775 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

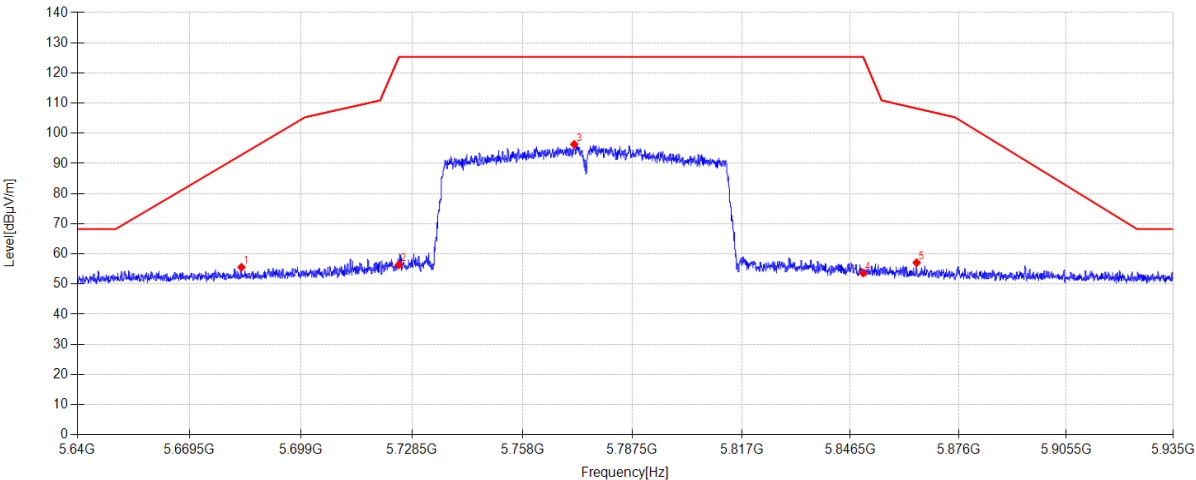
File Path:

d:\ts\2024 report data\BAR 300\MASK\33

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	5683.218	45.78	33.53	5.85	-29.60	55.56	92.85	37.29	PK	Horizontal
2	5725.000	46.35	33.75	5.87	-29.60	56.37	125.30	68.93	PK	Horizontal
3	5771.895	85.99	34.03	5.90	-29.60	96.32	125.30	28.98	PK	Horizontal
4	5850.000	43.31	34.00	5.94	-29.60	53.65	125.30	71.65	PK	Horizontal
5	5864.554	46.71	34.03	5.94	-29.60	57.08	108.22	51.14	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AC80 MIMO 5775 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

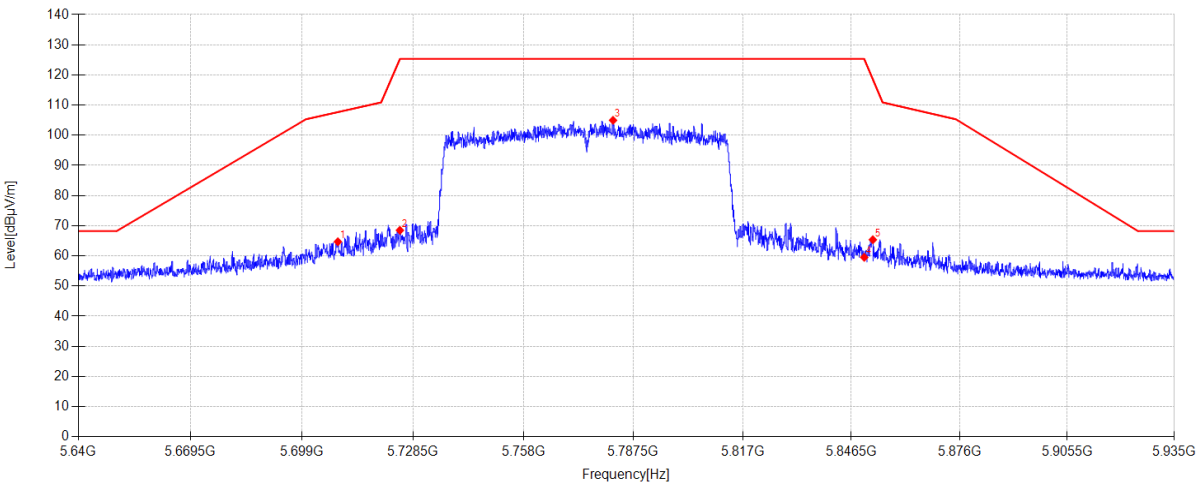
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d:\ts\2024 report data\BAR 300\MASK\34

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	5708.499	54.78	33.65	5.86	-29.60	64.69	107.68	42.99	PK	Vertical
2	5725.000	58.46	33.75	5.87	-29.60	68.48	125.30	56.82	PK	Vertical
3	5782.043	94.57	34.09	5.90	-29.60	104.96	125.30	20.34	PK	Vertical
4	5850.000	49.18	34.00	5.94	-29.60	59.52	125.30	65.78	PK	Vertical
5	5852.341	55.02	34.00	5.94	-29.60	65.36	118.56	53.20	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

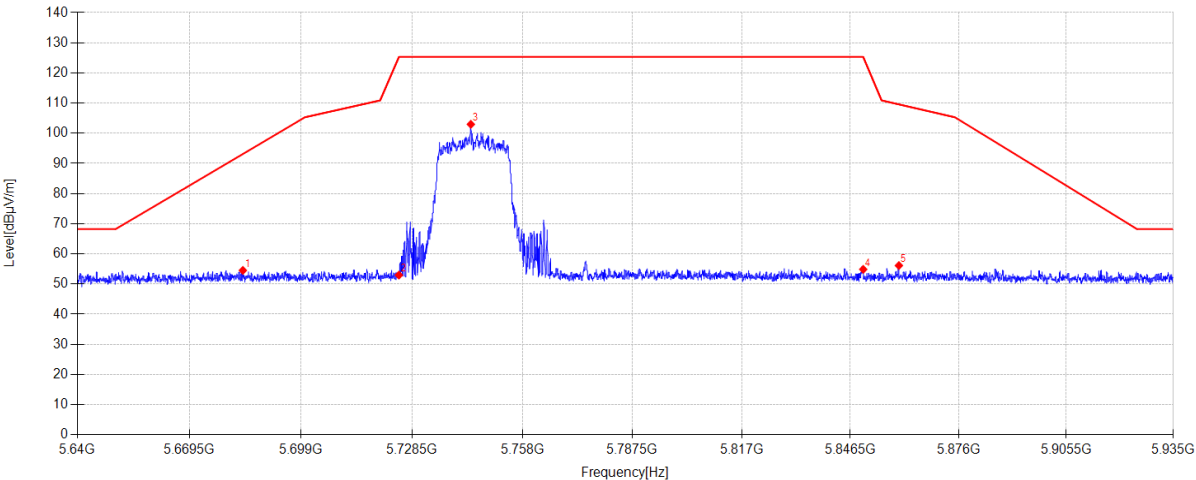
File Path:

d:\ts\2024 report data\BAR 300\MASK\35

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	5683.601	44.74	33.53	5.85	-29.60	54.52	93.13	38.61	PK	Horizontal
2	5725.000	42.95	33.75	5.87	-29.60	52.97	125.30	72.33	PK	Horizontal
3	5744.194	92.82	33.87	5.88	-29.60	102.97	125.30	22.33	PK	Horizontal
4	5850.000	44.53	34.00	5.94	-29.60	54.87	125.30	70.43	PK	Horizontal
5	5859.716	45.77	34.02	5.94	-29.60	56.13	109.58	53.45	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:

11AX20 MIMO 5745 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

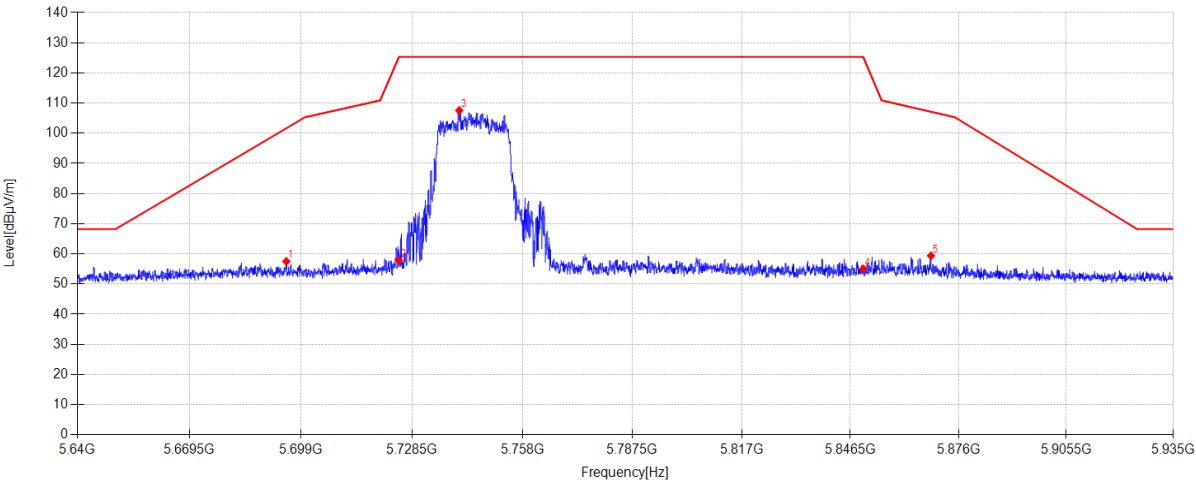
File Path:

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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	5695.106	47.67	33.58	5.86	-29.60	57.51	101.67	44.16	PK	Vertical
2	5725.000	47.81	33.75	5.87	-29.60	57.83	125.30	67.47	PK	Vertical
3	5741.097	97.46	33.85	5.88	-29.60	107.59	125.30	17.71	PK	Vertical
4	5850.000	44.72	34.00	5.94	-29.60	55.06	125.30	70.24	PK	Vertical
5	5868.478	49.00	34.04	5.94	-29.60	59.38	107.13	47.75	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

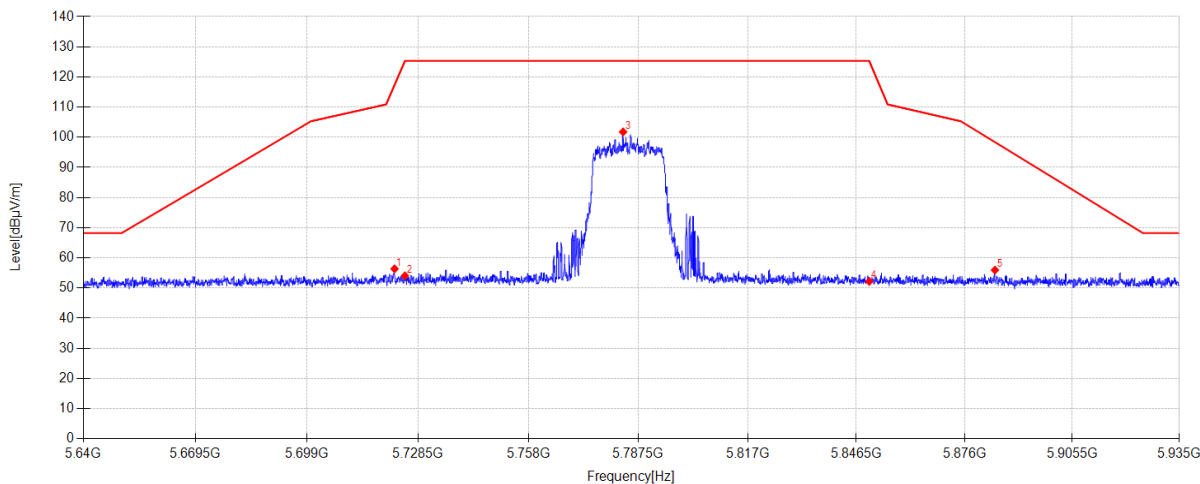
File Path:

d:\ts\2024 report data\BAR 300\MASK\37

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	5722.246	46.36	33.73	5.87	-29.60	56.36	117.37	61.01	PK	Horizontal
2	5725.000	44.03	33.75	5.87	-29.60	54.05	125.30	71.25	PK	Horizontal
3	5783.400	91.38	34.10	5.90	-29.60	101.78	125.30	23.52	PK	Horizontal
4	5850.000	41.85	34.00	5.94	-29.60	52.19	125.30	73.11	PK	Horizontal
5	5884.319	45.53	34.07	5.95	-29.60	55.95	98.39	42.44	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5785 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

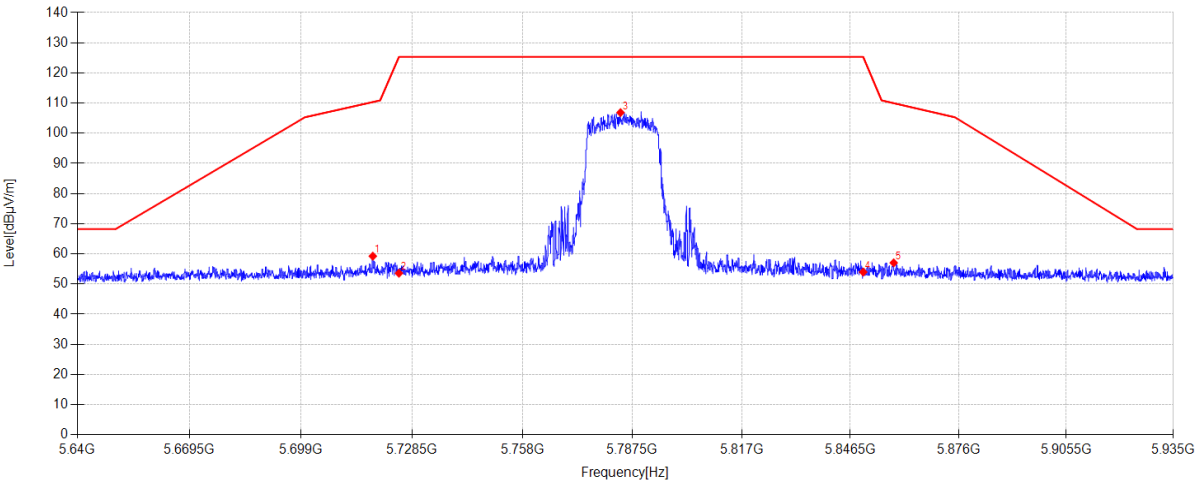
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Memo:

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	5718.057	49.27	33.71	5.87	-29.60	59.25	110.36	51.11	PK	Vertical
2	5725.000	43.56	33.75	5.87	-29.60	53.58	125.30	71.72	PK	Vertical
3	5784.314	96.45	34.11	5.90	-29.60	106.86	125.30	18.44	PK	Vertical
4	5850.000	43.63	34.00	5.94	-29.60	53.97	125.30	71.33	PK	Vertical
5	5858.300	46.68	34.02	5.94	-29.60	57.04	109.98	52.94	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

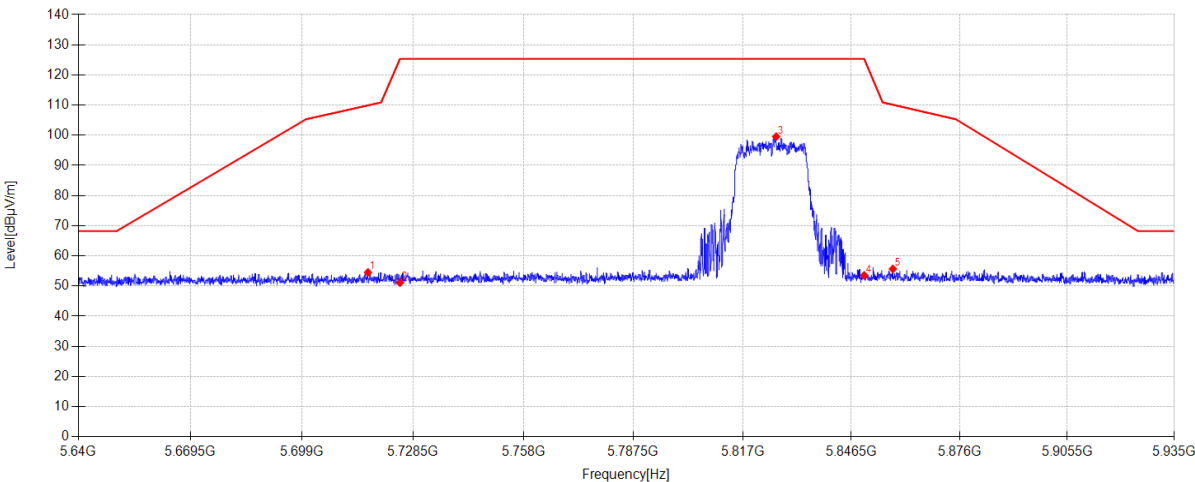
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Memo:

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	5716.494	44.54	33.70	5.87	-29.60	54.51	109.92	55.41	PK	Horizontal
2	5725.000	41.10	33.75	5.87	-29.60	51.12	125.30	74.18	PK	Horizontal
3	5826.086	89.12	34.10	5.92	-29.60	99.54	125.30	25.76	PK	Horizontal
4	5850.000	43.17	34.00	5.94	-29.60	53.51	125.30	71.79	PK	Horizontal
5	5857.799	45.30	34.02	5.94	-29.60	55.66	110.12	54.46	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO 5825 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

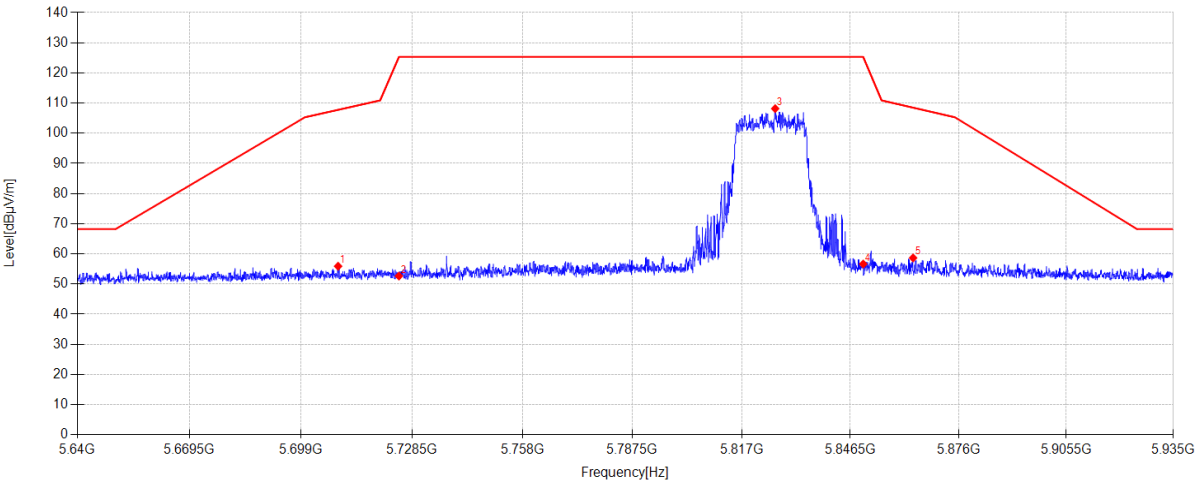
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Memo:

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	5708.824	45.99	33.65	5.86	-29.60	55.90	107.77	51.87	PK	Vertical
2	5725.000	42.62	33.75	5.87	-29.60	52.64	125.30	72.66	PK	Vertical
3	5826.086	97.75	34.10	5.92	-29.60	108.17	125.30	17.13	PK	Vertical
4	5850.000	46.30	34.00	5.94	-29.60	56.64	125.30	68.66	PK	Vertical
5	5863.581	48.28	34.03	5.94	-29.60	58.65	108.50	49.85	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:

11AX40 MIMO 5755 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

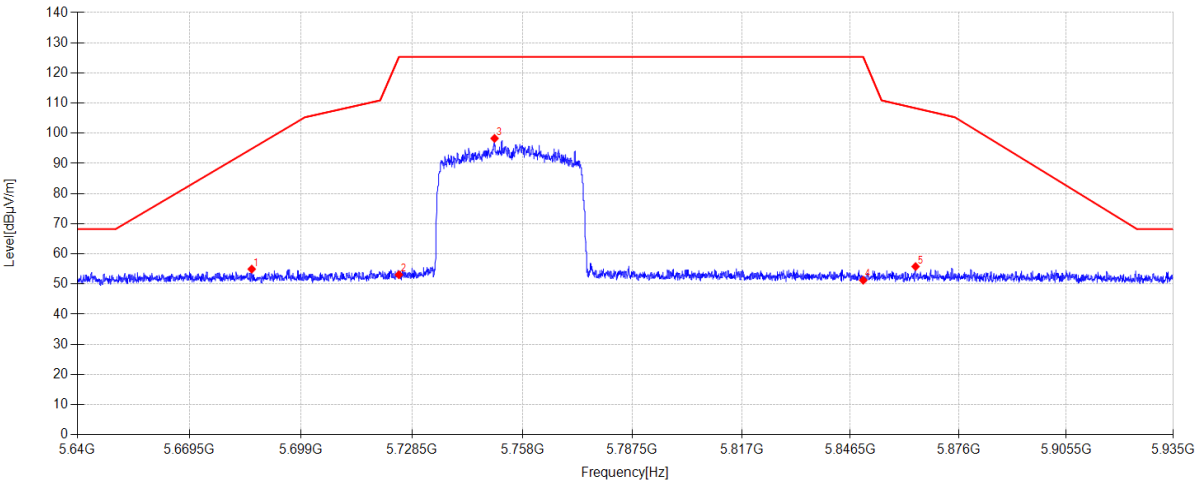
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Memo:

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	5685.932	45.15	33.54	5.85	-29.60	54.94	94.86	39.92	PK	Horizontal
2	5725.000	43.07	33.75	5.87	-29.60	53.09	125.30	72.21	PK	Horizontal
3	5750.537	88.10	33.90	5.89	-29.60	98.29	125.30	27.01	PK	Horizontal
4	5850.000	40.93	34.00	5.94	-29.60	51.27	125.30	74.03	PK	Horizontal
5	5864.259	45.42	34.03	5.94	-29.60	55.79	108.31	52.52	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:

11AX40 MIMO 5755 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

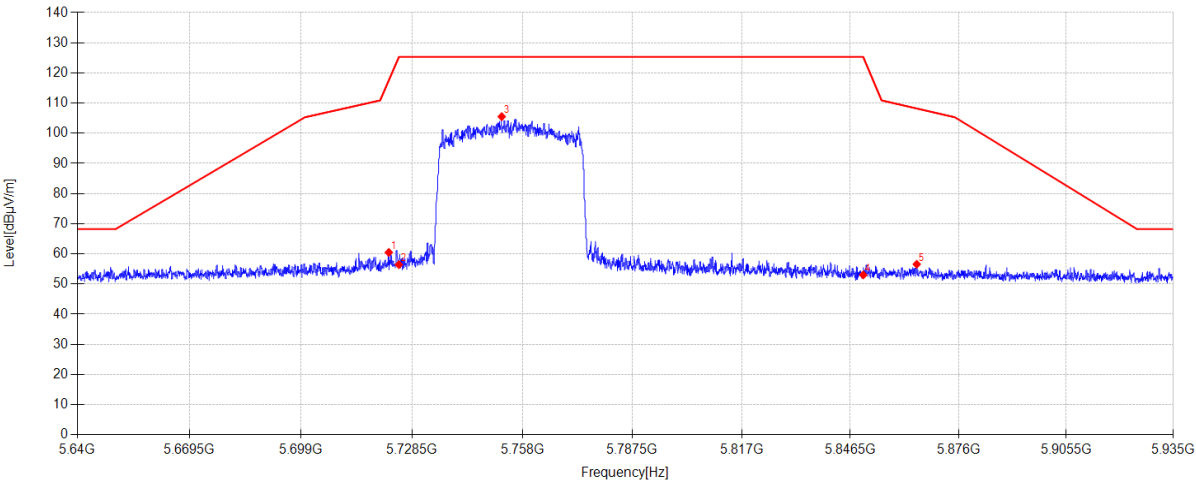
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Memo:

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	5722.305	50.49	33.73	5.87	-29.60	60.49	117.54	57.05	PK	Vertical
2	5725.000	46.41	33.75	5.87	-29.60	56.43	125.30	68.87	PK	Vertical
3	5752.454	95.32	33.91	5.89	-29.60	105.52	125.30	19.78	PK	Vertical
4	5850.000	42.68	34.00	5.94	-29.60	53.02	125.30	72.28	PK	Vertical
5	5864.584	46.20	34.03	5.94	-29.60	56.57	108.22	51.65	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:

11AX40 MIMO 5795 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

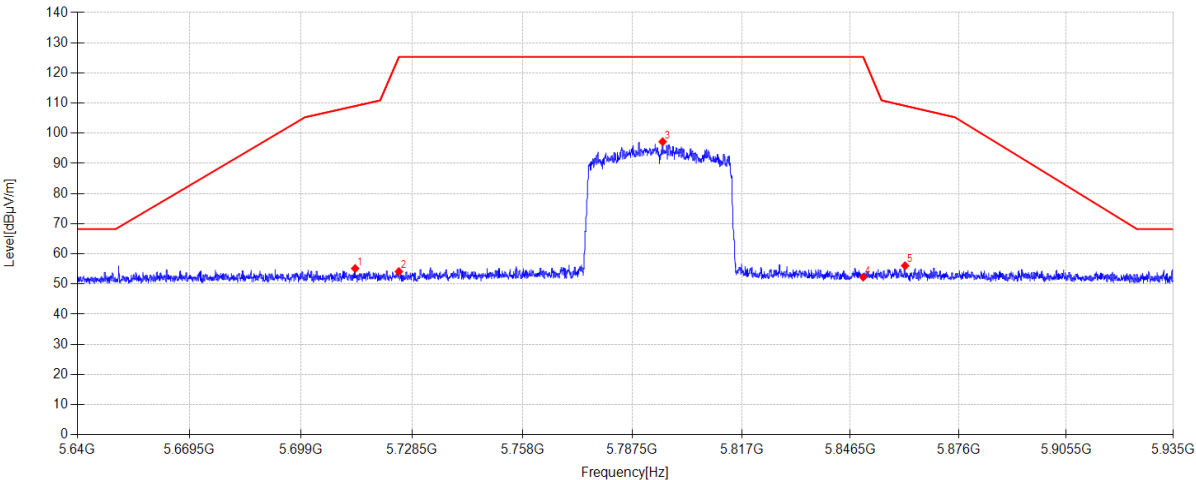
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d:\ts\2024 report data\BAR 300\MASK\43

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	5713.367	45.20	33.68	5.87	-29.60	55.15	109.04	53.89	PK	Horizontal
2	5725.000	44.11	33.75	5.87	-29.60	54.13	125.30	71.17	PK	Horizontal
3	5795.672	86.72	34.17	5.91	-29.60	97.20	125.30	28.10	PK	Horizontal
4	5850.000	41.95	34.00	5.94	-29.60	52.29	125.30	73.01	PK	Horizontal
5	5861.398	45.72	34.02	5.94	-29.60	56.08	109.11	53.03	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:

11AX40 MIMO 5795 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

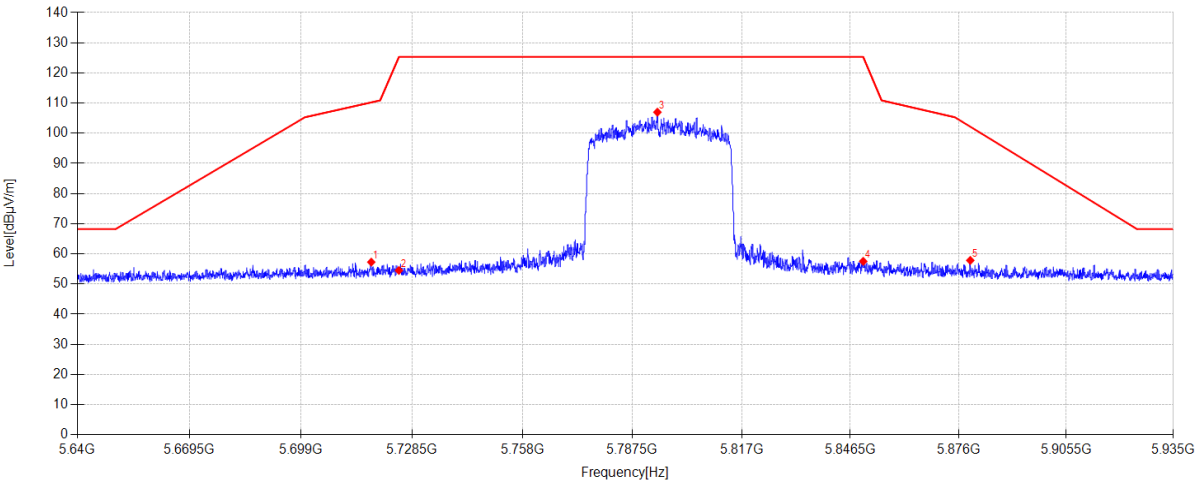
File Path:

d:\ts\2024 report data\BAR 300\MASK\44

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	5717.644	47.30	33.71	5.87	-29.60	57.28	110.24	52.96	PK	Vertical
2	5725.000	44.49	33.75	5.87	-29.60	54.51	125.30	70.79	PK	Vertical
3	5794.256	96.51	34.17	5.91	-29.60	106.99	125.30	18.31	PK	Vertical
4	5850.000	47.19	34.00	5.94	-29.60	57.53	125.30	67.77	PK	Vertical
5	5879.216	47.43	34.06	5.95	-29.60	57.84	102.17	44.33	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX80 MIMO 5775 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

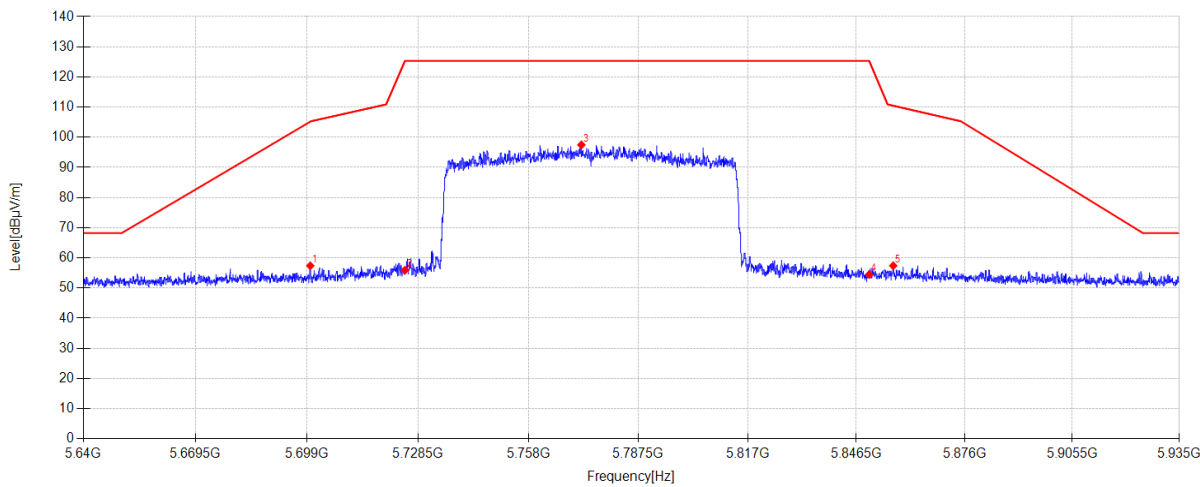
File Path:

d:\ts\2024 report data\BAR 300\MASK\45

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	5699.856	47.52	33.60	5.86	-29.60	57.38	105.19	47.81	PK	Horizontal
2	5725.000	45.87	33.75	5.87	-29.60	55.89	125.30	69.41	PK	Horizontal
3	5772.190	87.15	34.03	5.90	-29.60	97.48	125.30	27.82	PK	Horizontal
4	5850.000	44.13	34.00	5.94	-29.60	54.47	125.30	70.83	PK	Horizontal
5	5856.530	47.05	34.01	5.94	-29.60	57.40	110.47	53.07	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-16

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX80 MIMO 5775 MHz Tx mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

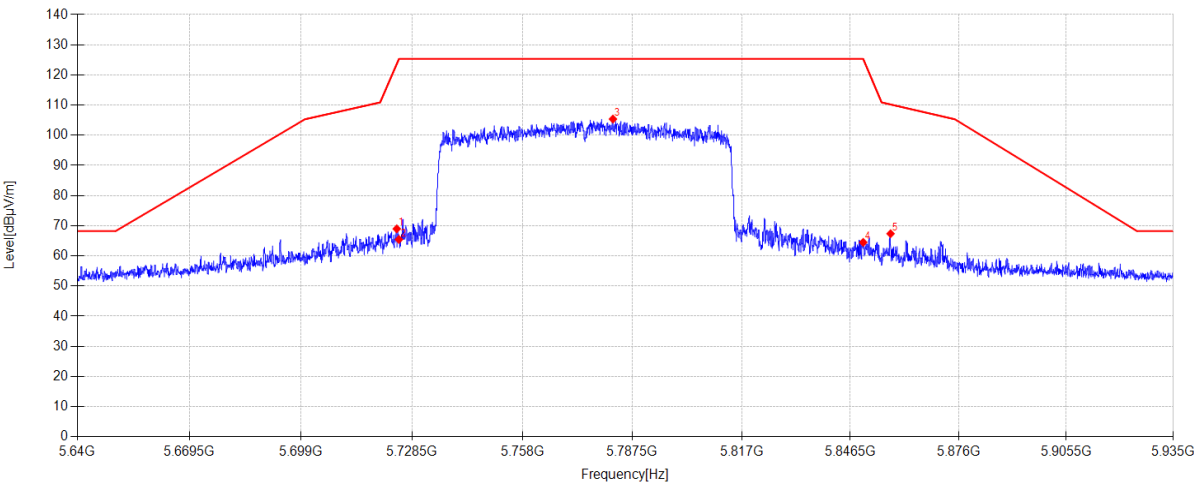
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d:\ts\2024 report data\BAR 300\MASK\46

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	5724.429	58.95	33.75	5.87	-29.60	68.97	123.66	54.69	PK	Vertical
2	5725.000	55.43	33.75	5.87	-29.60	65.45	125.30	59.85	PK	Vertical
3	5782.279	94.98	34.09	5.90	-29.60	105.37	125.30	19.93	PK	Vertical
4	5850.000	54.14	34.00	5.94	-29.60	64.48	125.30	60.82	PK	Vertical
5	5857.445	57.00	34.01	5.94	-29.60	67.35	110.22	42.87	PK	Vertical

Note:

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

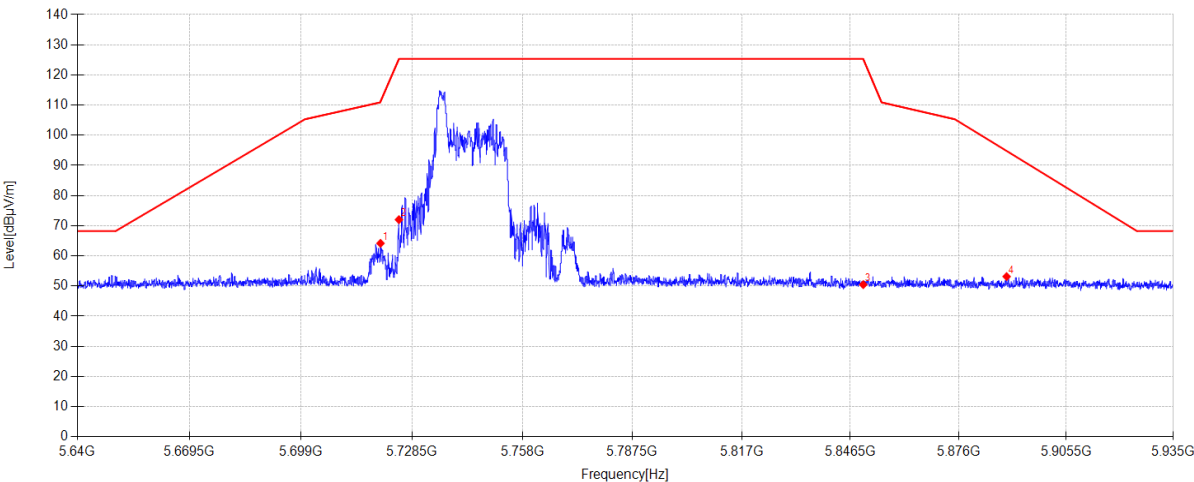
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-11-25 Tested By: Guoyuan Lin
EUT: Multi-Channel Soundbar Model Number: BAR 300MK2
Test Mode: 11AX20 MIMO RU0 5745 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\1122 FCC Above 1G 5G\33
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	5720.093	54.39	33.72	5.66	-29.60	64.17	111.17	47.00	PK	Vertical
2	5725.000	62.20	33.75	5.66	-29.60	72.01	125.30	53.29	PK	Vertical
3	5850.000	40.33	34.00	5.74	-29.60	50.47	125.30	74.83	PK	Vertical
4	5889.157	42.89	34.08	5.77	-29.60	53.14	94.80	41.66	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: 2024-11-25 Tested By: Guoyuan Lin

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

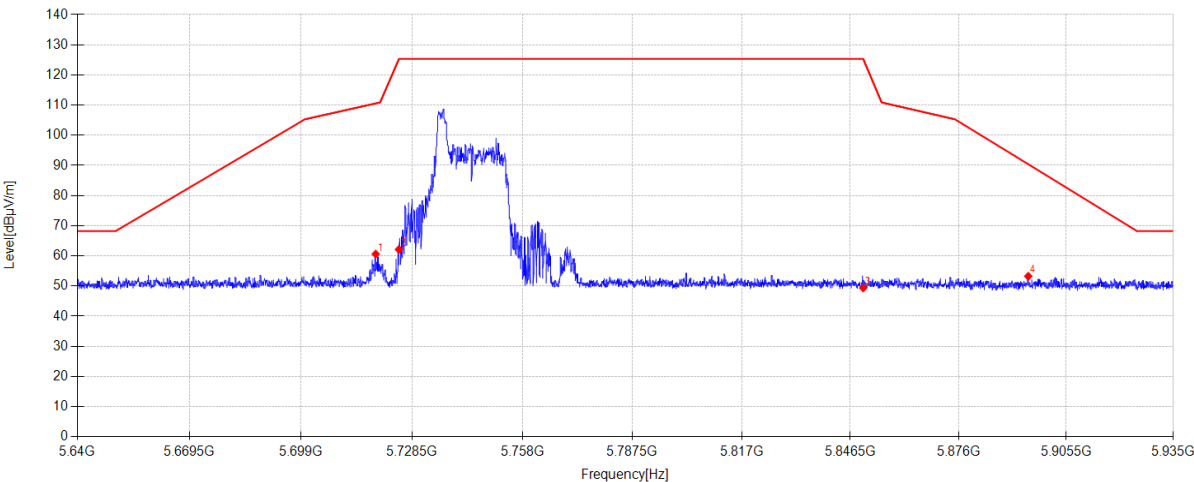
Test Mode: 11AX20 MIMO RU0 5745 MHz Tx Power Supply: AC 120V/60Hz

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

File Path: d:\ts\2024 report data\BAR 300\1122 FCC Above 1G 5G\34

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	5718.824	50.85	33.71	5.65	-29.60	60.61	110.57	49.96	PK	Horizontal
2	5725.000	52.33	33.75	5.66	-29.60	62.14	125.30	63.16	PK	Horizontal
3	5850.000	39.23	34.00	5.74	-29.60	49.37	125.30	75.93	PK	Horizontal
4	5895.087	42.98	34.09	5.77	-29.60	53.24	90.40	37.16	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:

2024-11-25

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO RU8 5825 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

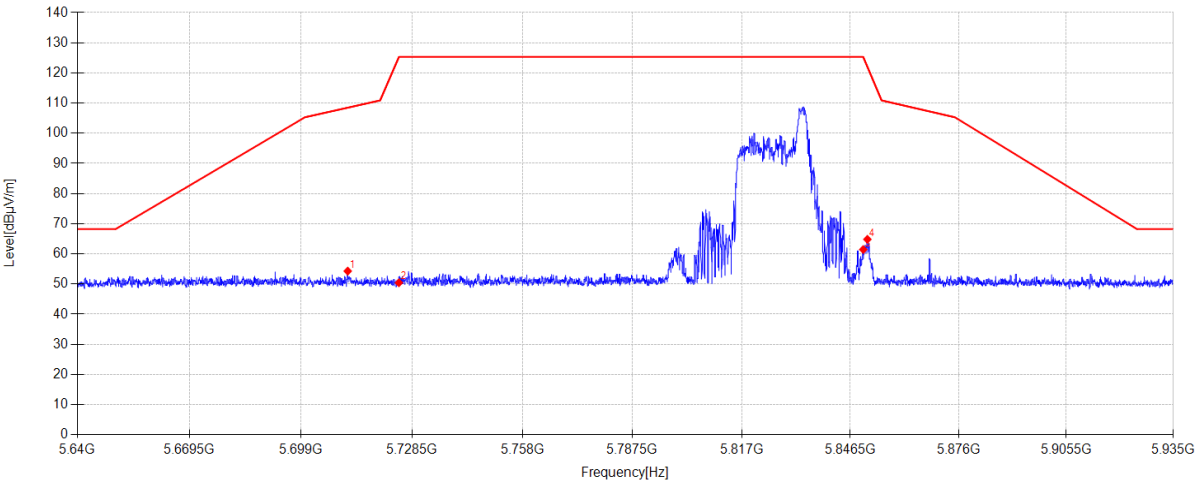
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Memo:

Sample Number: S24111411-006

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.390	44.57	33.67	5.65	-29.60	54.29	108.49	54.20	PK	Horizontal
2	5725.000	40.61	33.75	5.66	-29.60	50.42	125.30	74.88	PK	Horizontal
3	5850.000	51.30	34.00	5.74	-29.60	61.44	125.30	63.86	PK	Horizontal
4	5851.132	54.68	34.00	5.74	-29.60	64.82	122.04	57.22	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:

2024-11-25

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar

Model Number:

BAR 300MK2

Test Mode:

11AX20 MIMO RU8 5825 MHz Tx

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

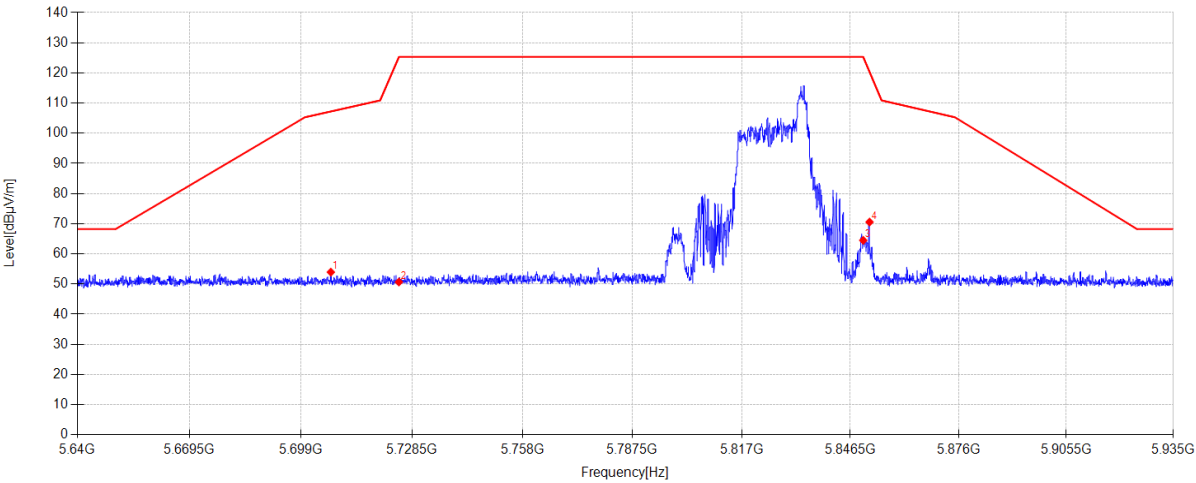
File Path:

d:\ts\2024 report data\BAR 300\1122 FCC Above 1G 5G\36

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	5706.906	44.25	33.64	5.65	-29.60	53.94	107.23	53.29	PK	Vertical
2	5725.000	40.86	33.75	5.66	-29.60	50.67	125.30	74.63	PK	Vertical
3	5850.000	54.35	34.00	5.74	-29.60	64.49	125.30	60.81	PK	Vertical
4	5851.722	60.42	34.00	5.74	-29.60	70.56	120.34	49.78	PK	Vertical

Note:

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

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

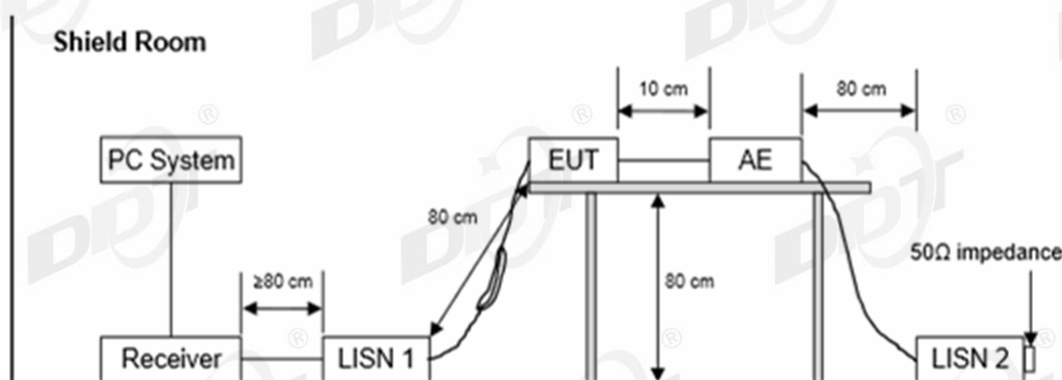
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15.Power Line Conducted Emissions

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025/07/08
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC02056	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2025/07/08
Δ -shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2025/03/31
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2025/07/08
Three-phase artificial power network	SCHWARZBEC K	NSLK 8163	DDT-ZC01572	2025/07/08
Pulse Limiter	SCHWARZBEC K	VTSD 9561	DDT-ZC02128	2025/07/08

15.2. Block diagram of test setup



15.3. Limits

Frequency	Quasi-Peak Level dB(uV)	Average Level dB(uV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

15.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

15.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

15.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: "----" means Peak detection; "----" means Average detection.

Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 6# Shield Room

Test Date

: 2024-12-12

EUT

: Multi-Channel Soundbar

Power Supply

: AC 120V/60Hz

Condition

: Temp:21.9°C,Humi:52.5%

Memo

: Sample Number: S24111411-006

D:\2024 Report Date\Q24111411-2E\1212 CE.EM6

Tested By

: Genliu

Model Number

: BAR 300MK2

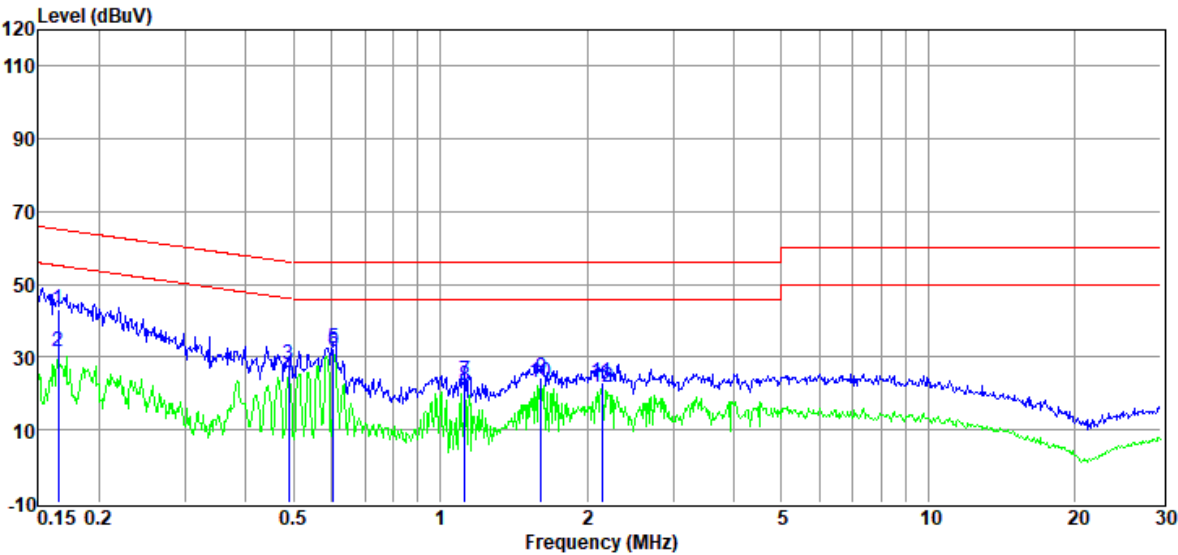
Test Mode

: Tx mode

LISN

: 2024 ENV216 3#/LINE

Data: 18



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.17	23.41	9.78	0.07	9.83	43.09	65.21	-22.12	QP	LINE
2	0.17	11.76	9.78	0.07	9.83	31.44	55.21	-23.77	Average	LINE
3	0.49	8.14	9.75	0.11	9.83	27.83	56.19	-28.36	QP	LINE
4	0.49	5.37	9.75	0.11	9.83	25.06	46.19	-21.13	Average	LINE
5	0.60	12.70	9.75	0.09	9.83	32.37	56.00	-23.63	QP	LINE
6	0.60	11.79	9.75	0.09	9.83	31.46	46.00	-14.54	Average	LINE
7	1.12	3.84	9.74	0.12	9.84	23.54	56.00	-32.46	QP	LINE
8	1.12	2.58	9.74	0.12	9.84	22.28	46.00	-23.72	Average	LINE
9	1.61	4.65	9.75	0.11	9.84	24.35	56.00	-31.65	QP	LINE
10	1.61	3.51	9.75	0.11	9.84	23.21	46.00	-22.79	Average	LINE
11	2.14	3.26	9.75	0.11	9.84	22.96	56.00	-33.04	QP	LINE
12	2.14	2.13	9.75	0.11	9.84	21.83	46.00	-24.17	Average	LINE

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

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 6# Shield Room

Test Date

: 2024-12-12

EUT

: Multi-Channel Soundbar

Power Supply

: AC 120V/60Hz

Condition

: Temp:21.9°C,Humi:52.5%

Memo

: Sample Number: S24111411-006

D:\2024 Report Date\Q24111411-2E\1212 CE.EM6

Tested By

: Genliu

Model Number

: BAR 300MK2

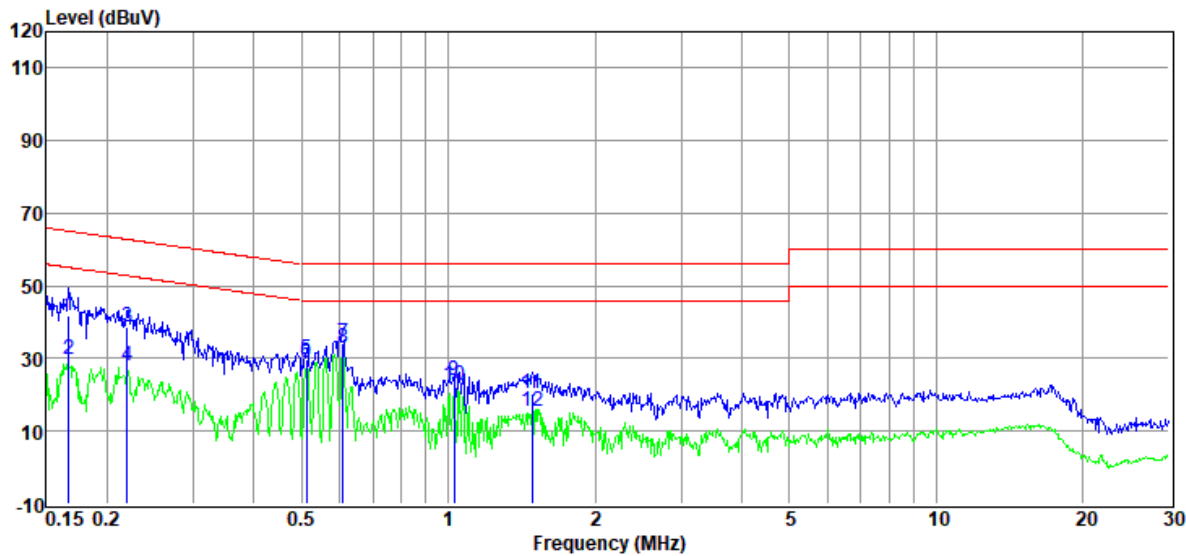
Test Mode

: Tx mode

LISN

: 2024 ENV216 3#/NEUTRAL

Data: 20



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.17	22.33	9.77	0.07	9.83	42.00	65.12	-23.12	QP	NEUTRAL
2	0.17	10.27	9.77	0.07	9.83	29.94	55.12	-25.18	Average	NEUTRAL
3	0.22	19.02	9.76	0.06	9.83	38.67	62.83	-24.16	QP	NEUTRAL
4	0.22	8.21	9.76	0.06	9.83	27.86	52.83	-24.97	Average	NEUTRAL
5	0.51	10.01	9.77	0.11	9.83	29.72	56.00	-26.28	QP	NEUTRAL
6	0.51	9.14	9.77	0.11	9.83	28.85	46.00	-17.15	Average	NEUTRAL
7	0.61	14.71	9.75	0.09	9.83	34.38	56.00	-21.62	QP	NEUTRAL
8	0.61	13.32	9.75	0.09	9.83	32.99	46.00	-13.01	Average	NEUTRAL
9	1.03	4.21	9.76	0.12	9.84	23.93	56.00	-32.07	QP	NEUTRAL
10	1.03	2.68	9.76	0.12	9.84	22.40	46.00	-23.60	Average	NEUTRAL
11	1.49	0.71	9.77	0.12	9.84	20.44	56.00	-35.56	QP	NEUTRAL
12	1.49	-4.13	9.77	0.12	9.84	15.60	46.00	-30.40	Average	NEUTRAL

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

17. Photos of the EUT

Please refer to DDT-Q24111411-2E appendix I

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