

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

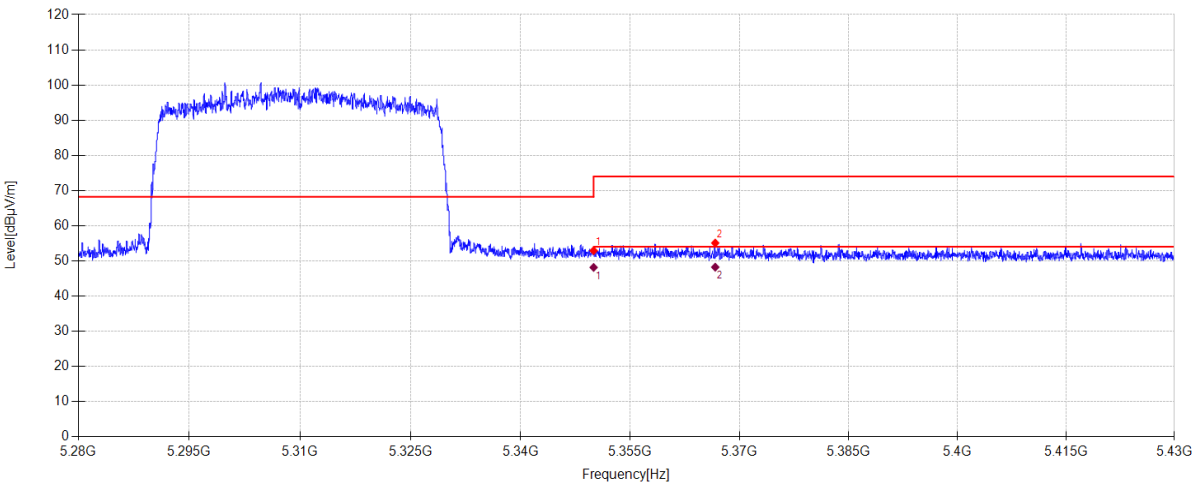
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	44.00	33.10	5.41	-29.60	52.91	68.20	15.29	PK	Horizontal
2	5366.655	46.16	33.10	5.42	-29.60	55.08	74.00	18.92	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	39.24	33.10	5.41	48.15	54	5.85	AV	Horizontal	
2	5366.655	39.31	33.10	5.42	48.23	54	5.77	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:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

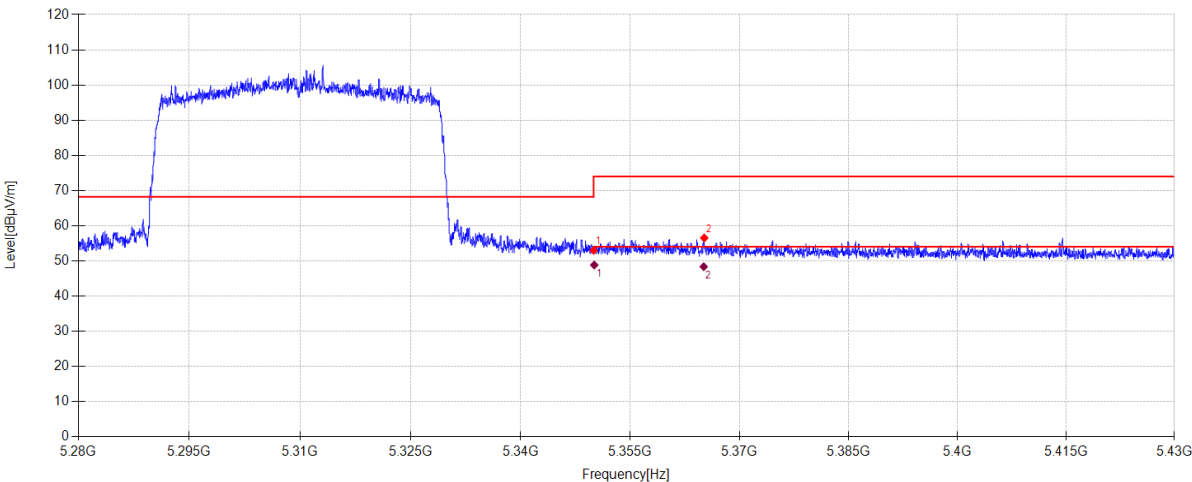
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	44.08	33.10	5.41	-29.60	52.99	68.20	15.21	PK	Vertical
2	5365.155	47.60	33.10	5.42	-29.60	56.52	74.00	17.48	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.083	39.92	33.10	5.41	48.83	54	5.17	AV	Vertical	
2	5365.074	39.43	33.10	5.42	48.35	54	5.65	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:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

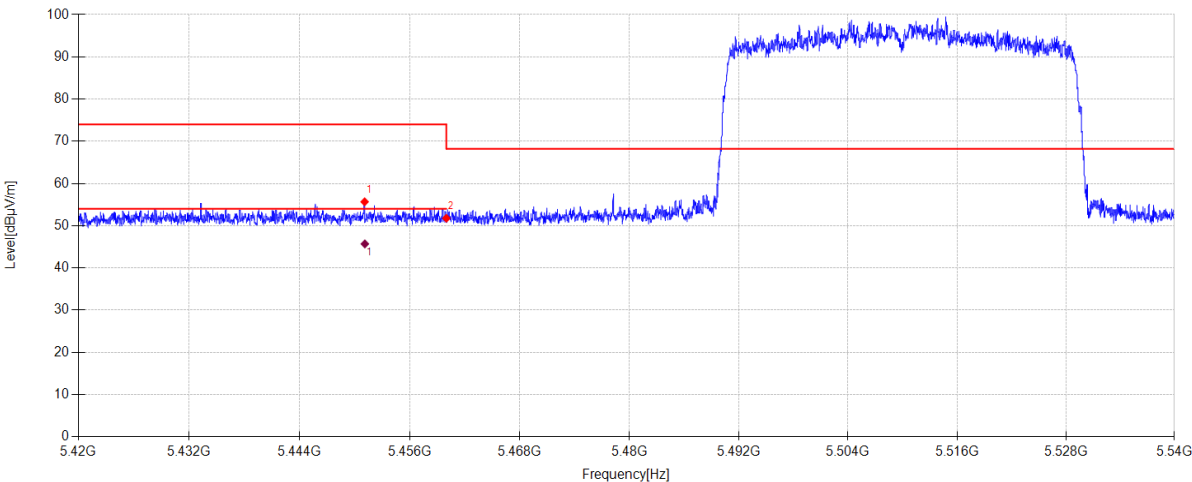
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.092	46.79	33.00	5.48	-29.60	55.67	74.00	18.33	PK	Horizontal
2	5460.000	42.89	33.00	5.48	-29.60	51.77	68.20	16.43	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5451.118	36.81	33.00	5.48	45.69	54	8.31	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:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

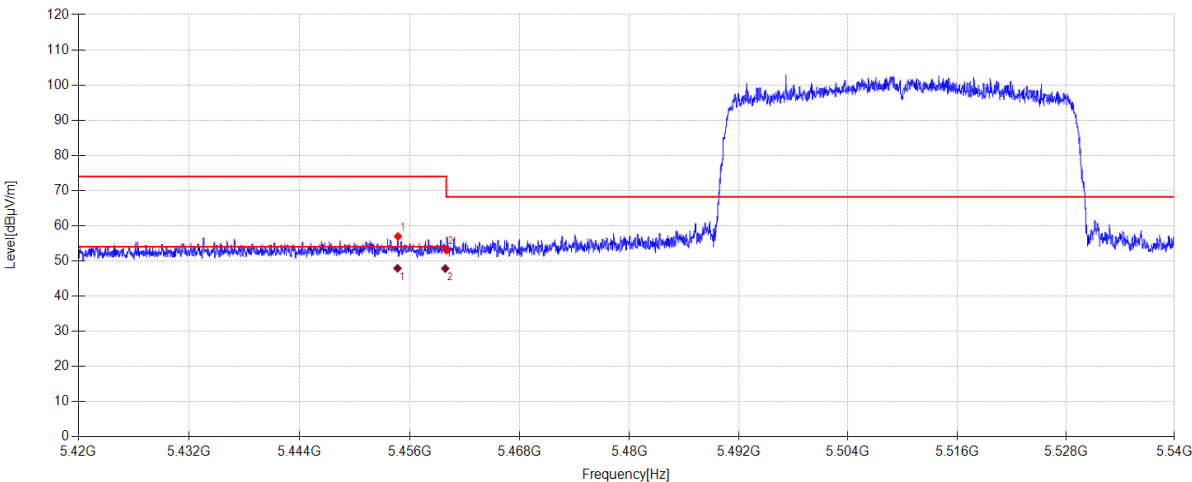
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.728	48.07	33.00	5.48	-29.60	56.95	74.00	17.05	PK	Vertical
2	5460.000	44.17	33.00	5.48	-29.60	53.05	68.20	15.15	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	5454.677	39.02	33.00	5.48	47.90	54	6.10	AV	Vertical
2	5459.880	38.95	33.00	5.48	47.83	54	6.17	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:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

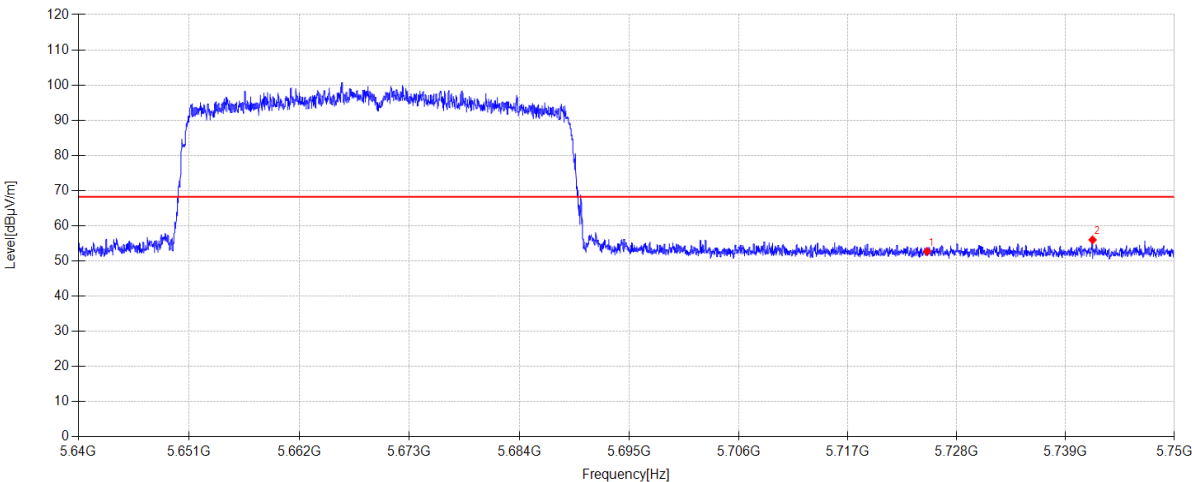
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	42.89	33.75	5.66	-29.60	52.70	68.20	15.50	PK	Horizontal
2	5741.717	46.07	33.85	5.67	-29.60	55.99	68.20	12.21	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:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

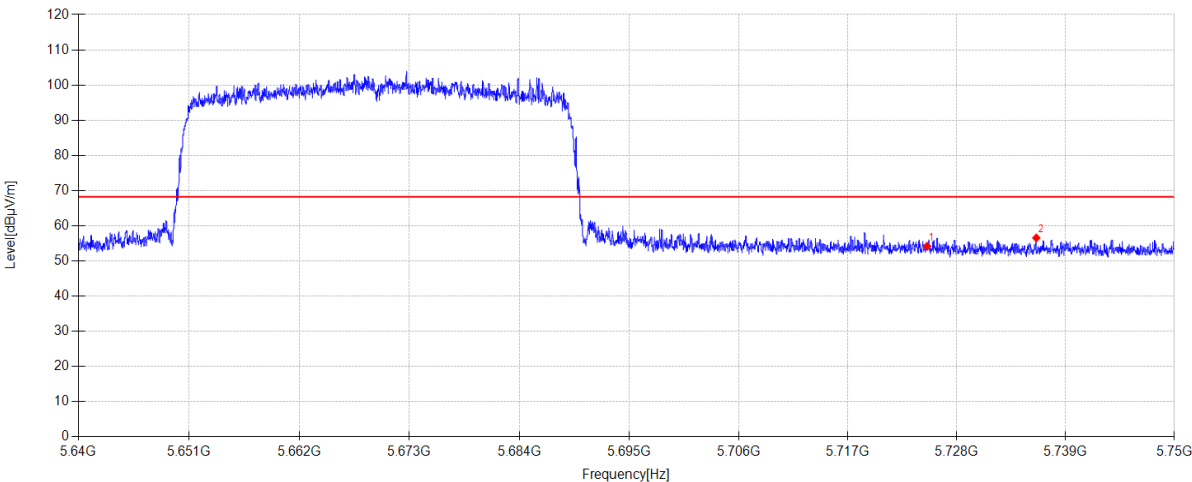
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	44.36	33.75	5.66	-29.60	54.17	68.20	14.03	PK	Vertical
2	5736.030	46.64	33.82	5.67	-29.60	56.53	68.20	11.67	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX40 5710 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

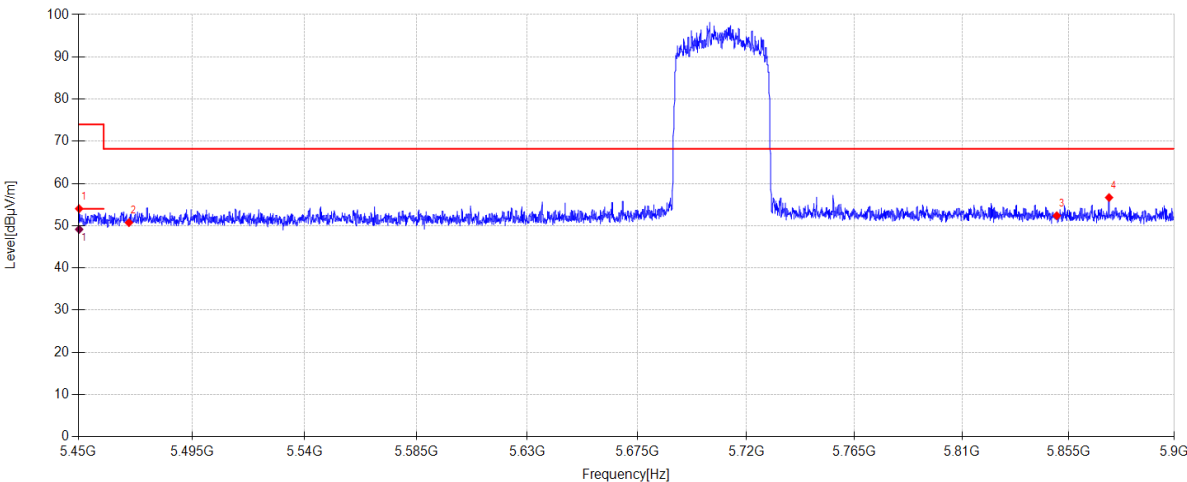
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.315	45.15	33.00	5.48	-29.60	54.03	74.00	19.97	PK	Horizontal
2	5470.000	41.84	33.00	5.49	-29.60	50.73	68.20	17.47	PK	Horizontal
3	5850.000	42.23	34.00	5.74	-29.60	52.37	68.20	15.83	PK	Horizontal
4	5872.190	46.47	34.04	5.76	-29.60	56.67	68.20	11.53	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	5450.315	40.26	33.00	5.48	49.14	54	4.86	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX40 5710 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

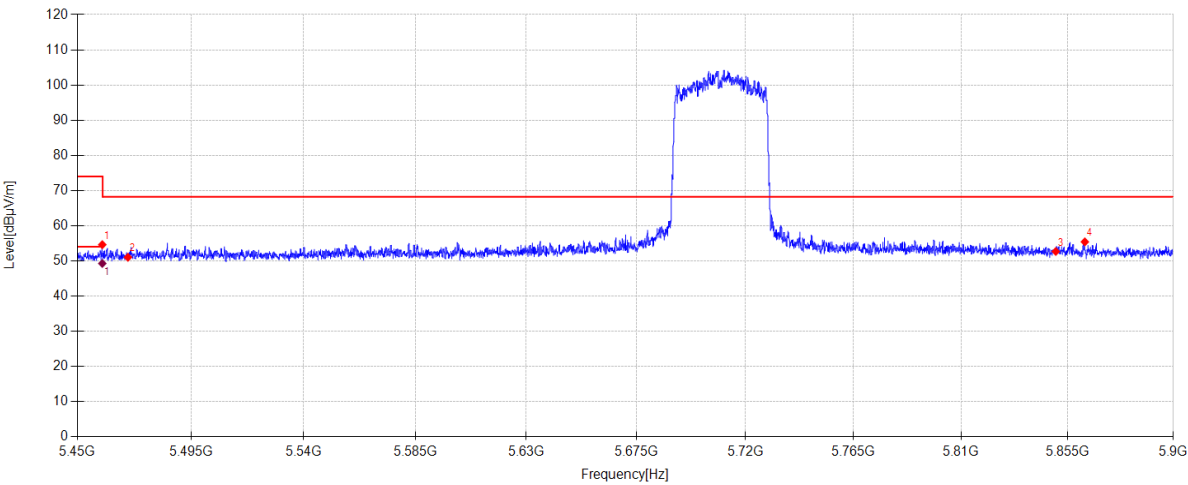
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.855	45.74	33.00	5.48	-29.60	54.62	74.00	19.38	PK	Vertical
2	5470.000	42.13	33.00	5.49	-29.60	51.02	68.20	17.18	PK	Vertical
3	5850.000	42.55	34.00	5.74	-29.60	52.69	68.20	15.51	PK	Vertical
4	5862.335	45.24	34.02	5.75	-29.60	55.41	68.20	12.79	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.855	40.39	33.00	5.48	49.27	54	4.73	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5210 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

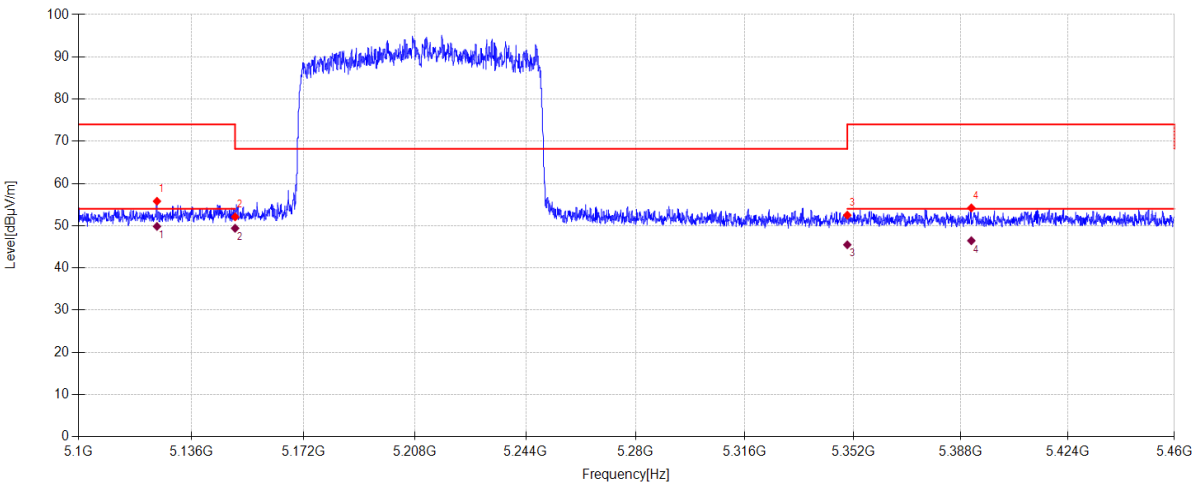
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5125.020	46.74	33.40	5.26	-29.60	55.80	74.00	18.20	PK	Horizontal
2	5150.000	43.01	33.40	5.28	-29.60	52.09	68.20	16.11	PK	Horizontal
3	5350.000	43.59	33.10	5.41	-29.60	52.50	68.20	15.70	PK	Horizontal
4	5391.456	45.28	33.10	5.44	-29.60	54.22	74.00	19.78	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5125.020	40.78	33.40	5.26	49.84	54	4.16	AV	Horizontal
2	5150.000	40.32	33.40	5.28	49.40	54	4.60	AV	Horizontal
3	5350.000	36.58	33.10	5.41	45.49	54	8.51	AV	Horizontal
4	5391.456	37.51	33.10	5.44	46.45	54	7.55	AV	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5210 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

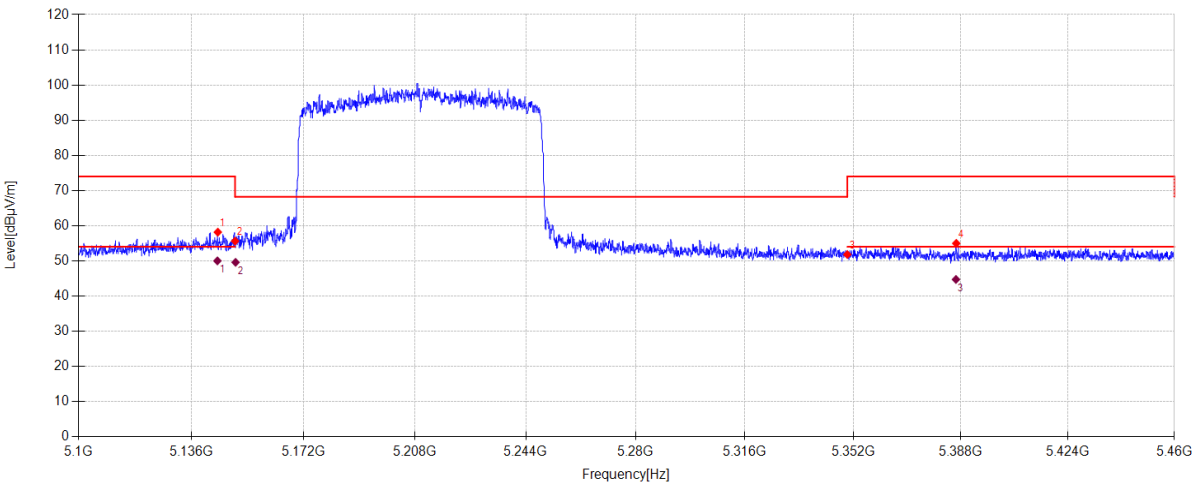
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.460	49.09	33.40	5.28	-29.60	58.17	74.00	15.83	PK	Vertical
2	5150.000	46.56	33.40	5.28	-29.60	55.64	68.20	12.56	PK	Vertical
3	5350.000	42.90	33.10	5.41	-29.60	51.81	68.20	16.39	PK	Vertical
4	5386.416	46.04	33.10	5.44	-29.60	54.98	74.00	19.02	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.323	40.93	33.40	5.28	50.01	54	3.99	AV	Vertical
2	5150.146	40.52	33.40	5.28	49.60	54	4.40	AV	Vertical
3	5386.297	35.79	33.10	5.44	44.73	54	9.27	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5290 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

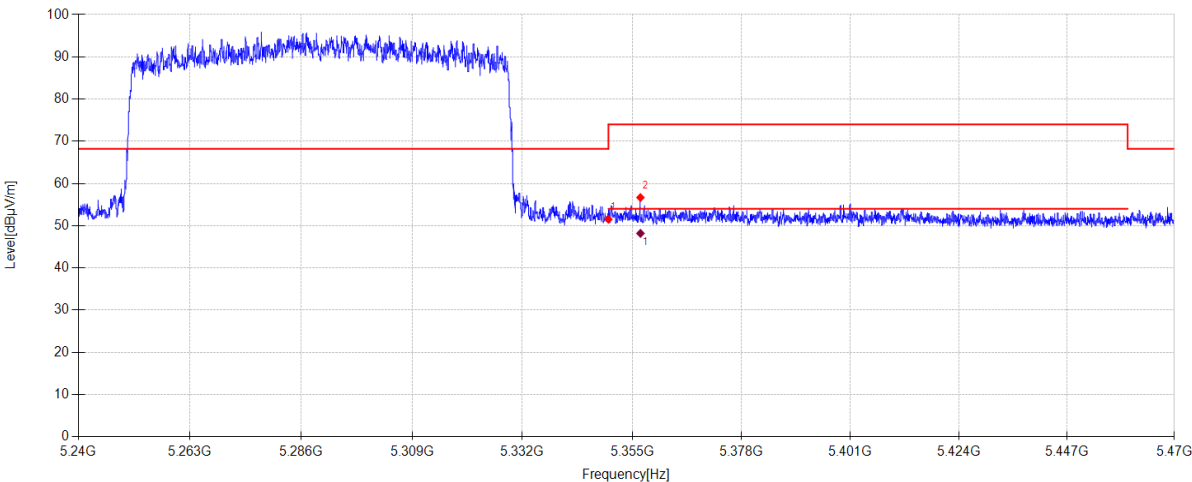
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	42.62	33.10	5.41	-29.60	51.53	68.20	16.67	PK	Horizontal
2	5356.725	47.76	33.10	5.42	-29.60	56.68	74.00	17.32	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	5356.725	39.27	33.10	5.42	48.19	54	5.81	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5290 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

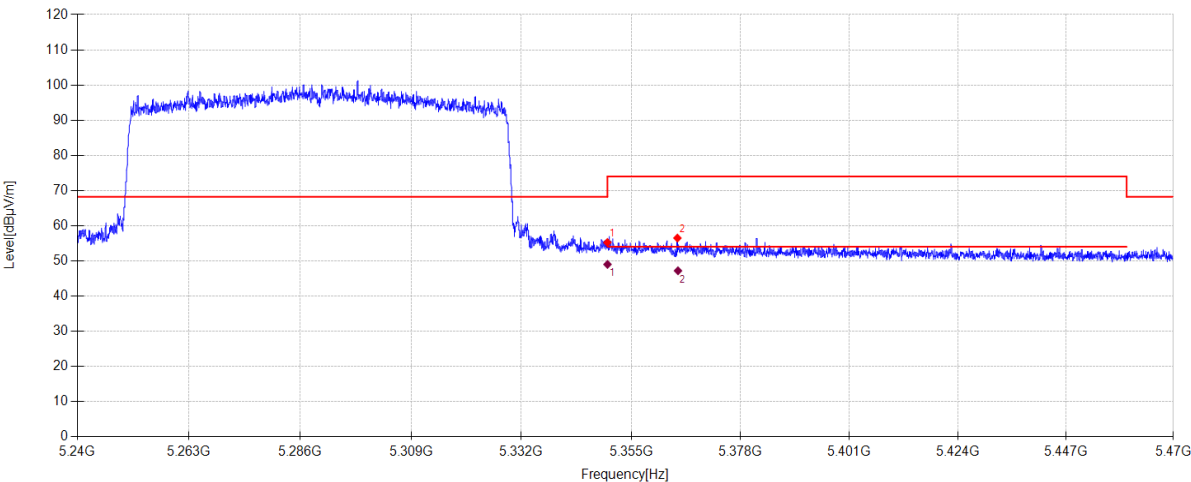
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	46.34	33.10	5.41	-29.60	55.25	68.20	12.95	PK	Vertical
2	5364.706	47.57	33.10	5.42	-29.60	56.49	74.00	17.51	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.021	40.10	33.10	5.41	49.01	54	4.99	AV	Vertical	
2	5364.827	38.27	33.10	5.42	47.19	54	6.81	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5530 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

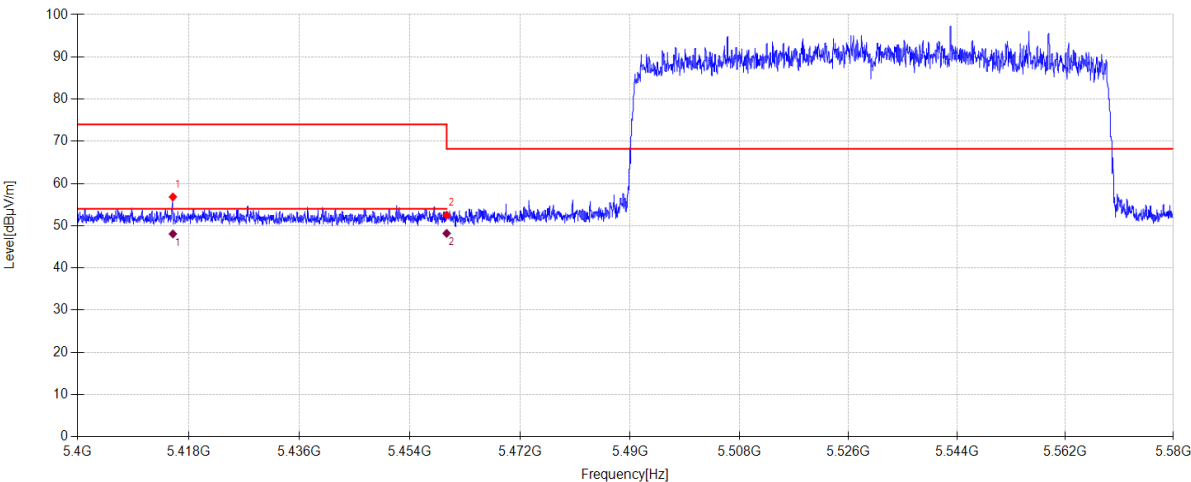
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5415.462	47.90	33.07	5.45	-29.60	56.82	74.00	17.18	PK	Horizontal
2	5460.000	43.63	33.00	5.48	-29.60	52.51	68.20	15.69	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	5415.462	39.14	33.07	5.45	48.06	54	5.94	AV	Horizontal	
2	5460.000	39.31	33.00	5.48	48.19	54	5.81	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5530 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

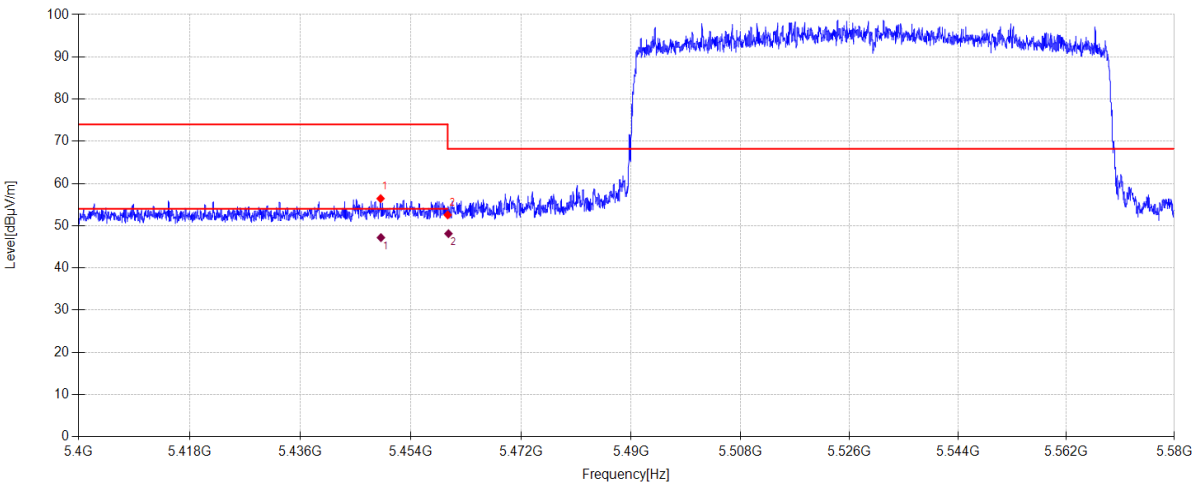
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d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\112

Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5449.050	47.55	33.00	5.48	-29.60	56.43	74.00	17.57	PK	Vertical
2	5460.000	43.68	33.00	5.48	-29.60	52.56	68.20	15.64	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5449.103	38.31	33.00	5.48	47.19	54	6.81	AV	Vertical	
2	5460.131	39.24	33.00	5.48	48.12	54	5.88	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5610 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

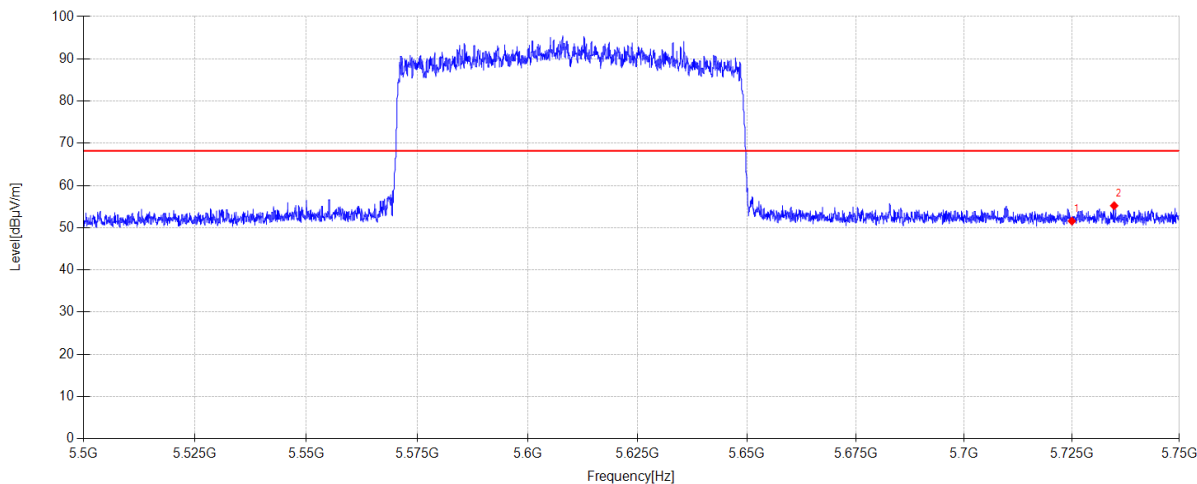
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	41.77	33.75	5.66	-29.60	51.58	68.20	16.62	PK	Horizontal
2	5734.825	45.35	33.81	5.66	-29.60	55.22	68.20	12.98	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5610 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

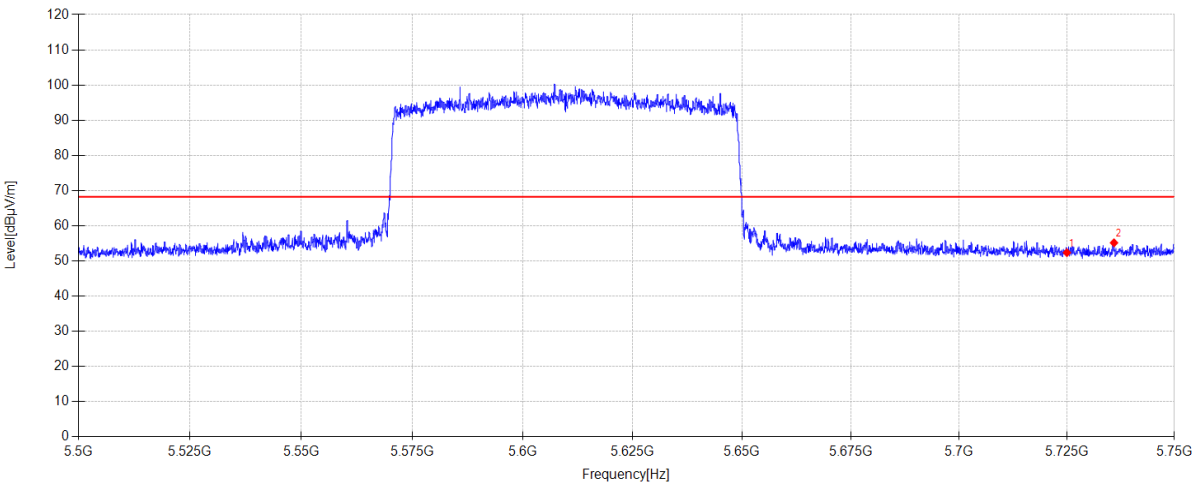
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	42.54	33.75	5.66	-29.60	52.35	68.20	15.85	PK	Vertical
2	5735.950	45.26	33.82	5.67	-29.60	55.15	68.20	13.05	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX80 5690 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

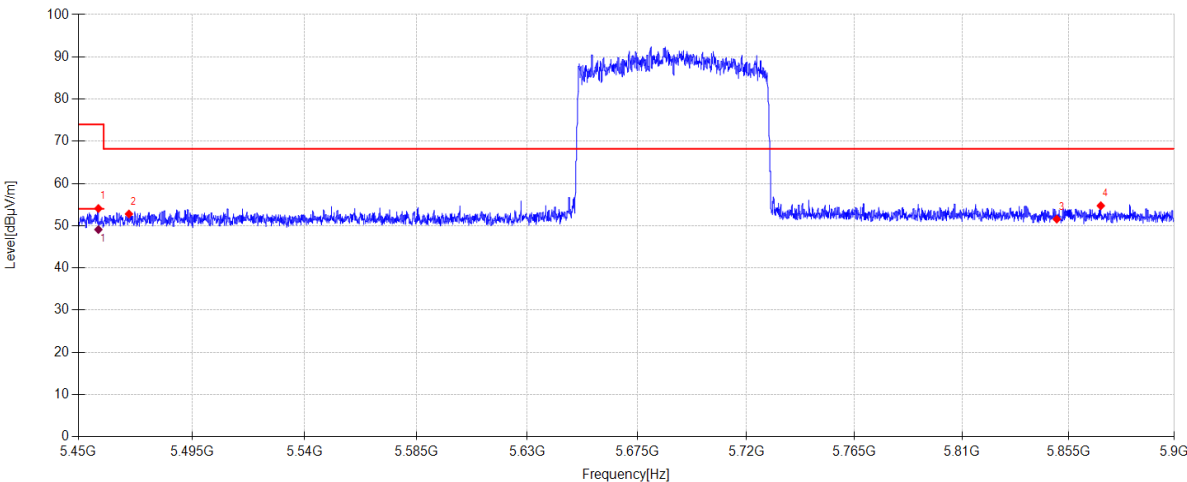
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.920	45.20	33.00	5.48	-29.60	54.08	74.00	19.92	PK	Horizontal
2	5470.000	43.89	33.00	5.49	-29.60	52.78	68.20	15.42	PK	Horizontal
3	5850.000	41.42	34.00	5.74	-29.60	51.56	68.20	16.64	PK	Horizontal
4	5868.680	44.55	34.04	5.75	-29.60	54.74	68.20	13.46	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.920	40.21	33.00	5.48	49.09	54	4.91	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX80 5690 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

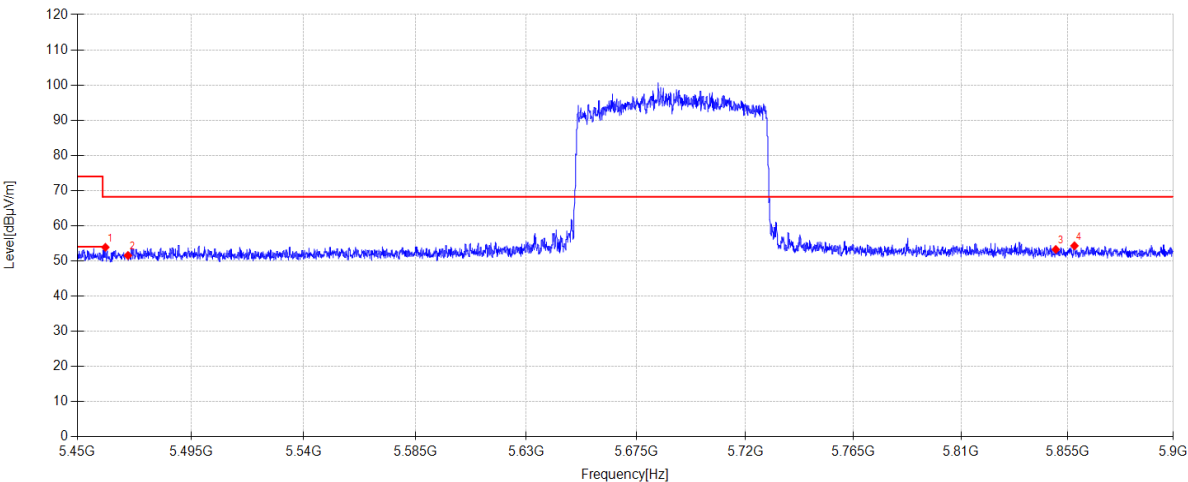
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5461.070	44.99	33.00	5.48	-29.60	53.87	68.20	14.33	PK	Vertical
2	5470.000	42.65	33.00	5.49	-29.60	51.54	68.20	16.66	PK	Vertical
3	5850.000	43.12	34.00	5.74	-29.60	53.26	68.20	14.94	PK	Vertical
4	5857.925	44.13	34.02	5.75	-29.60	54.30	68.20	13.90	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

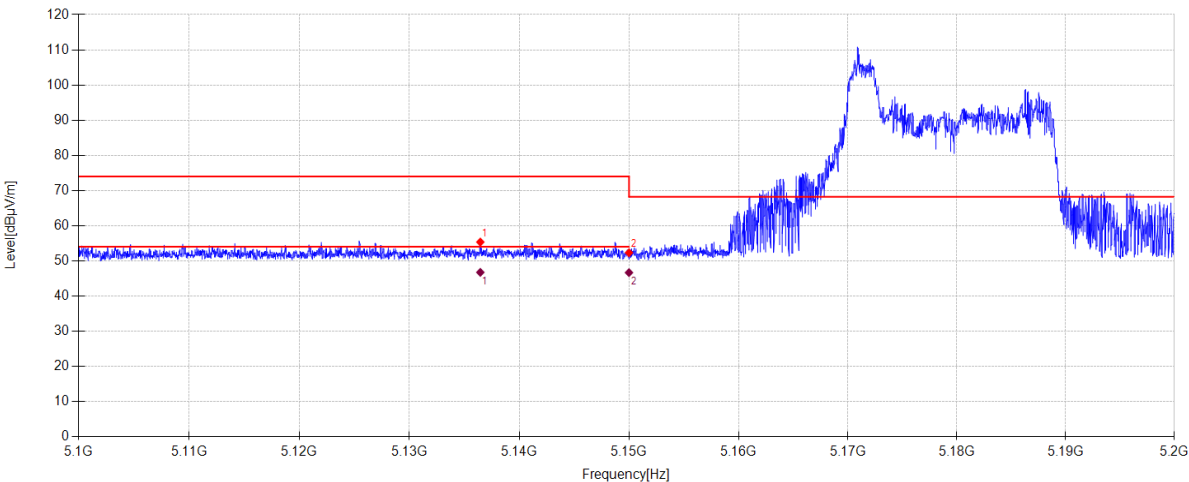
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5136.450	46.29	33.40	5.27	-29.60	55.36	74.00	18.64	PK	Horizontal
2	5150.000	43.24	33.40	5.28	-29.60	52.32	68.20	15.88	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	5136.450	37.68	33.40	5.27	46.75	54	7.25	AV	Horizontal	
2	5150.000	37.59	33.40	5.28	46.67	54	7.33	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

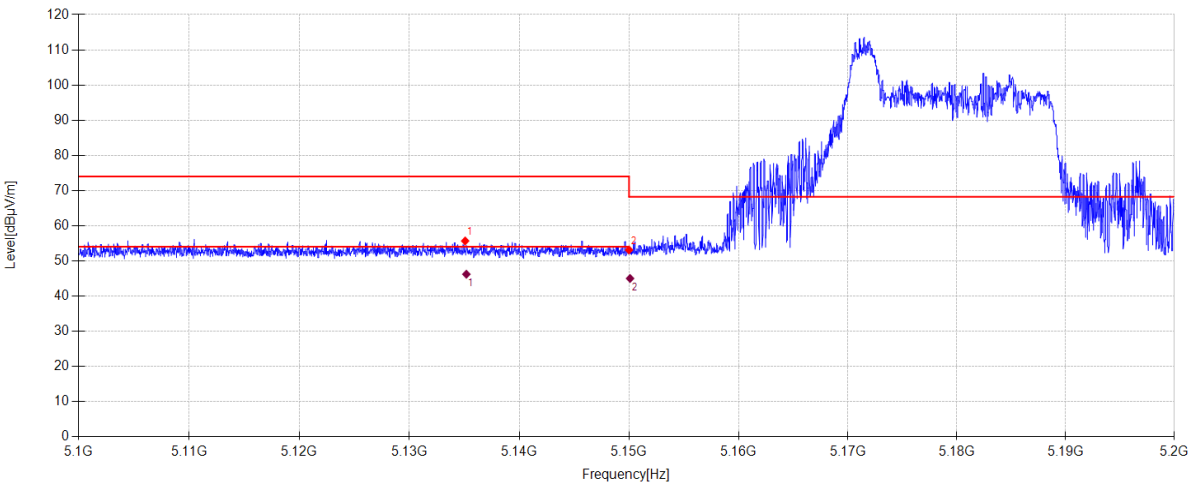
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5135.070	46.60	33.40	5.27	-29.60	55.67	74.00	18.33	PK	Vertical
2	5150.000	44.04	33.40	5.28	-29.60	53.12	68.20	15.08	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5135.180	37.14	33.40	5.27	46.21	54	7.79	AV	Vertical
2	5150.097	35.93	33.40	5.28	45.01	54	8.99	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

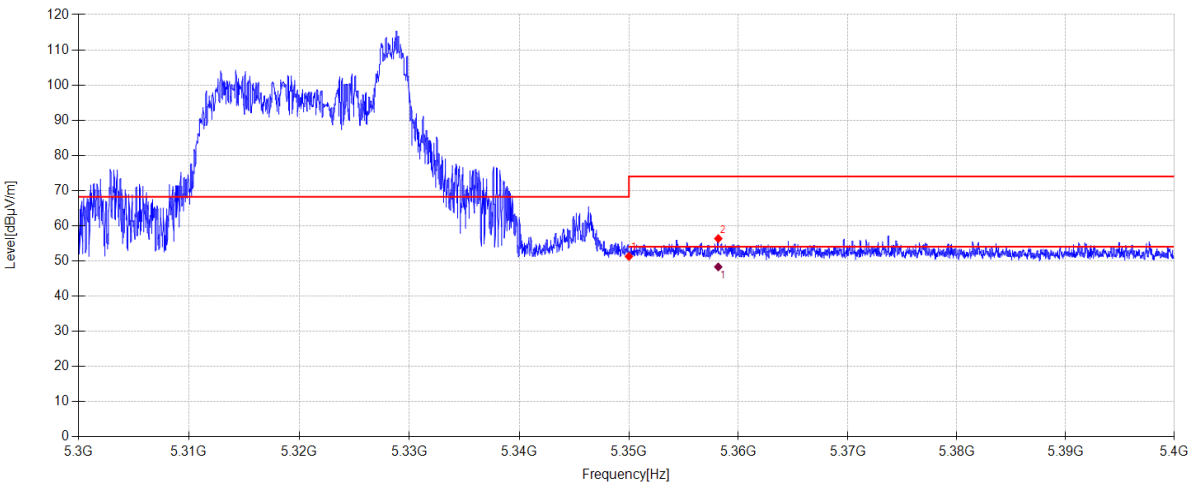
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO	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	42.37	33.10	5.41	-29.60	51.28	68.20	16.92	PK	Horizontal
2	5358.160	47.41	33.10	5.42	-29.60	56.33	74.00	17.67	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5358.160	39.37	33.10	5.42	48.29	54	5.71	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

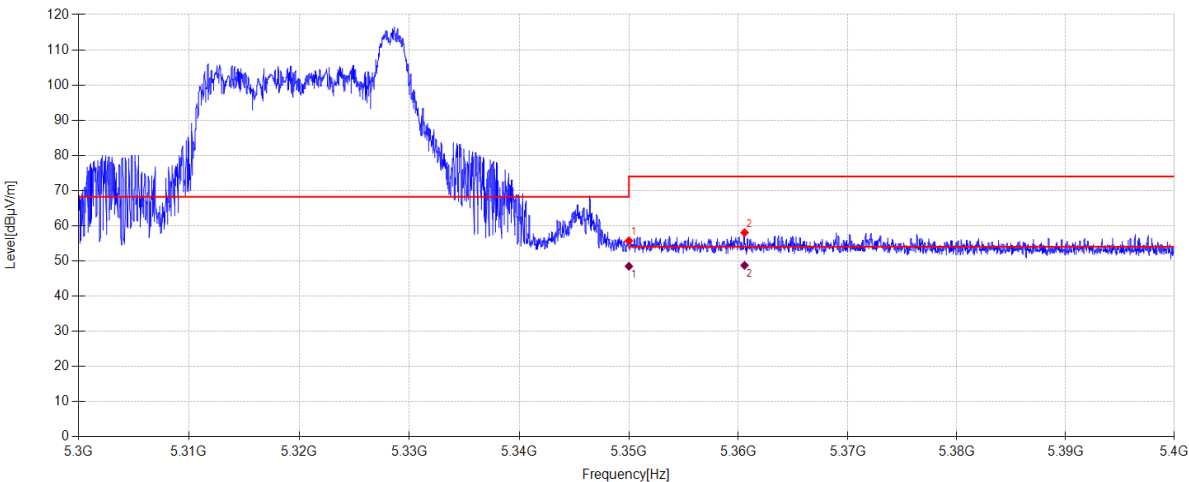
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	46.82	33.10	5.41	-29.60	55.73	68.20	12.47	PK	Vertical
2	5360.560	49.12	33.10	5.42	-29.60	58.04	74.00	15.96	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	39.56	33.10	5.41	48.47	54	5.53	AV	Vertical	
2	5360.560	39.81	33.10	5.42	48.73	54	5.27	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

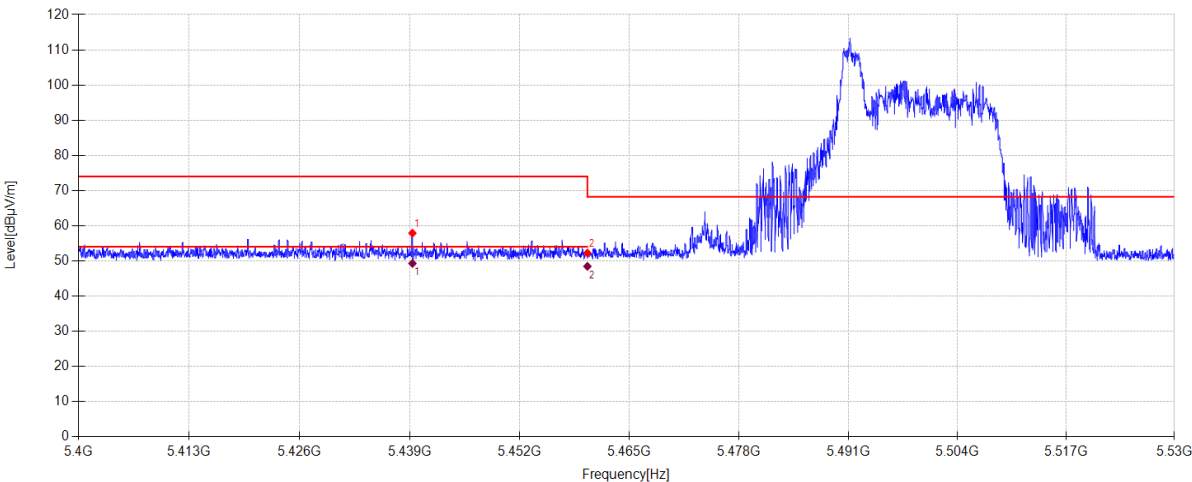
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.299	49.01	33.02	5.47	-29.60	57.90	74.00	16.10	PK	Horizontal
2	5460.000	43.35	33.00	5.48	-29.60	52.23	68.20	15.97	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	5439.299	40.39	33.02	5.47	49.28	54	4.72	AV	Horizontal	
2	5460.000	39.57	33.00	5.48	48.45	54	5.55	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

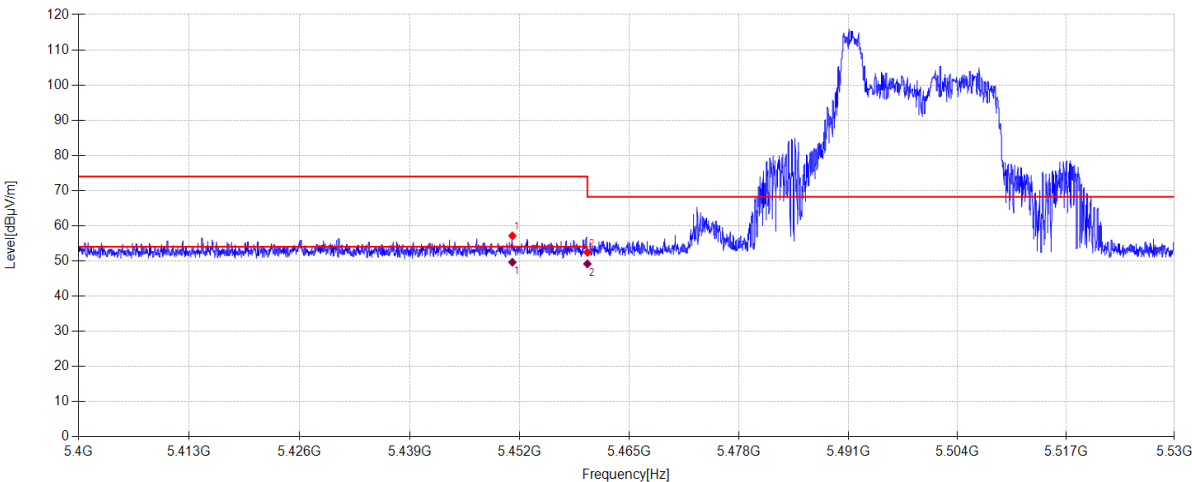
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.116	48.25	33.00	5.48	-29.60	57.13	74.00	16.87	PK	Vertical
2	5460.000	43.56	33.00	5.48	-29.60	52.44	68.20	15.76	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	5451.116	40.73	33.00	5.48	49.61	54	4.39	AV	Vertical
2	5460.000	40.27	33.00	5.48	49.15	54	4.85	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

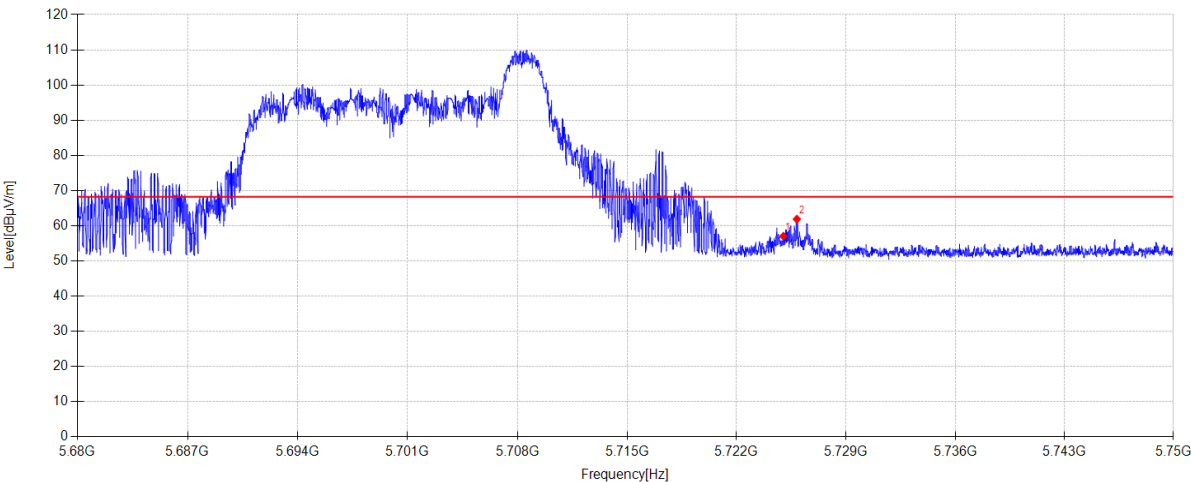
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d:\ts\2024 report data\BAR500\5G RU\7

Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	47.21	33.75	5.66	-29.60	57.02	68.20	11.18	PK	Horizontal
2	5725.857	52.06	33.76	5.66	-29.60	61.88	68.20	6.32	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

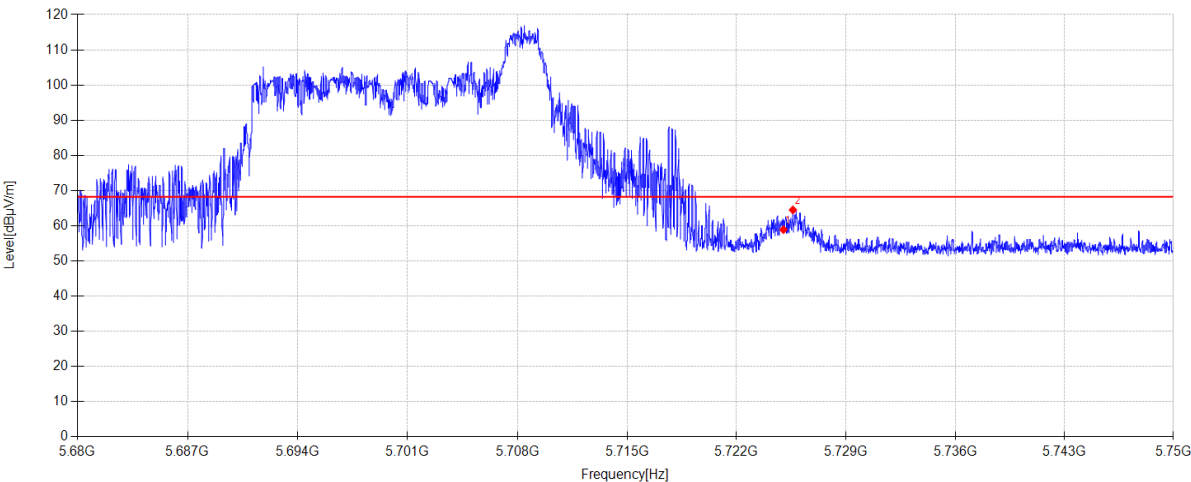
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	49.07	33.75	5.66	-29.60	58.88	68.20	9.32	PK	Vertical
2	5725.605	54.68	33.75	5.66	-29.60	64.49	68.20	3.71	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

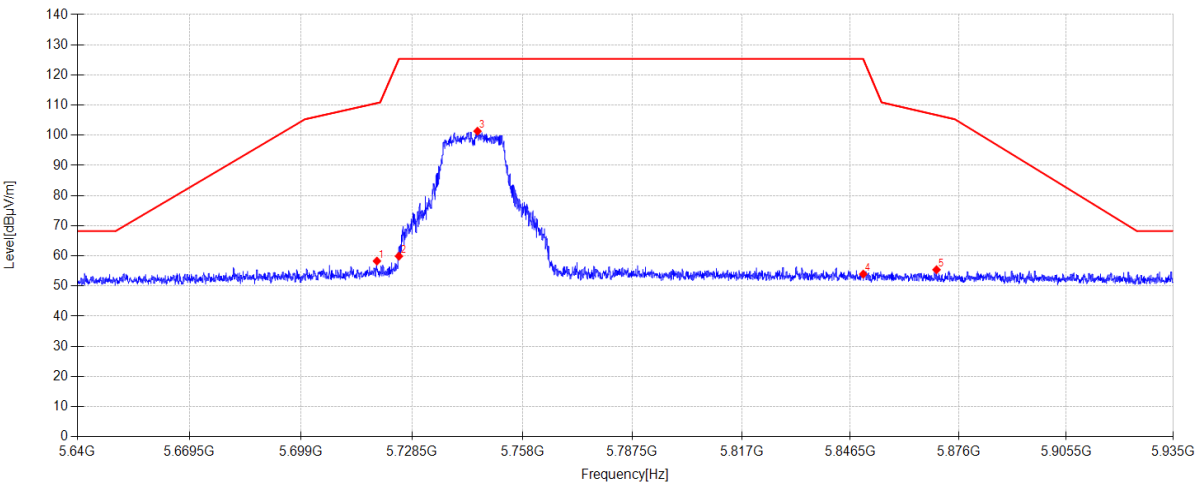
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.149	48.52	33.71	5.65	-29.60	58.28	110.66	52.38	PK	Horizontal
2	5725.000	50.09	33.75	5.66	-29.60	59.90	125.30	65.40	PK	Horizontal
3	5745.964	91.40	33.88	5.67	-29.60	101.35	125.30	23.95	PK	Horizontal
4	5850.000	43.82	34.00	5.74	-29.60	53.96	125.30	71.34	PK	Horizontal
5	5869.982	45.21	34.04	5.75	-29.60	55.40	106.71	51.31	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

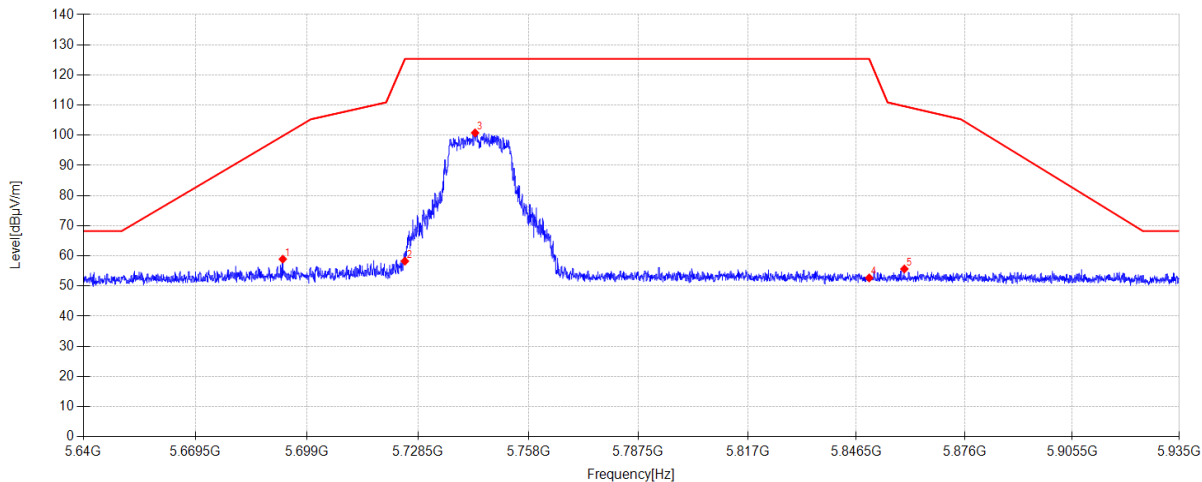
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5692.569	49.31	33.57	5.64	-29.60	58.92	99.79	40.87	PK	Vertical
2	5725.000	48.44	33.75	5.66	-29.60	58.25	125.30	67.05	PK	Vertical
3	5743.722	90.87	33.86	5.67	-29.60	100.80	125.30	24.50	PK	Vertical
4	5850.000	42.55	34.00	5.74	-29.60	52.69	125.30	72.61	PK	Vertical
5	5859.569	45.49	34.02	5.75	-29.60	55.66	109.62	53.96	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

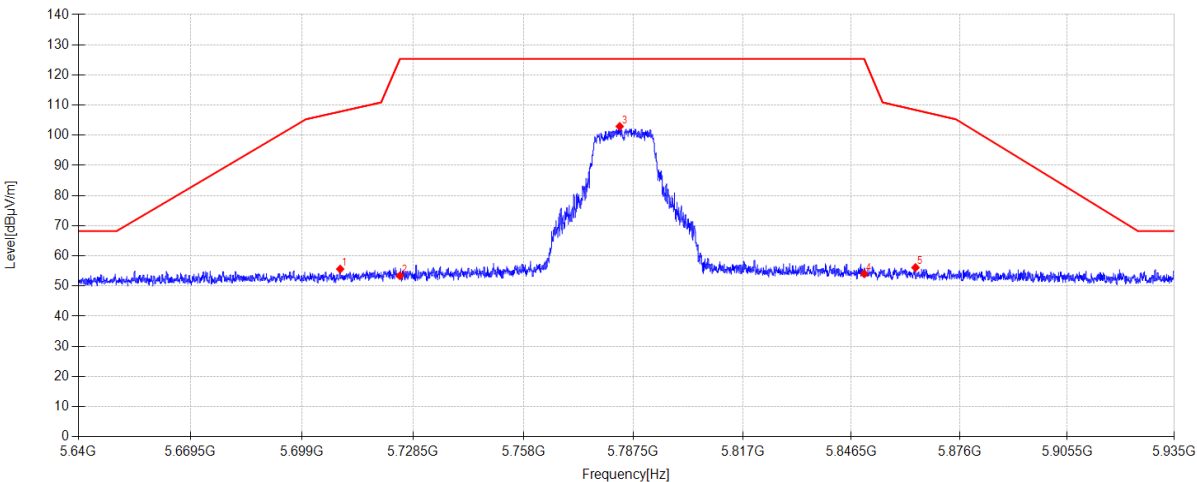
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5709.119	45.93	33.65	5.65	-29.60	55.63	107.85	52.22	PK	Horizontal
2	5725.000	43.60	33.75	5.66	-29.60	53.41	125.30	71.89	PK	Horizontal
3	5783.842	92.73	34.10	5.70	-29.60	102.93	125.30	22.37	PK	Horizontal
4	5850.000	43.91	34.00	5.74	-29.60	54.05	125.30	71.25	PK	Horizontal
5	5863.964	45.94	34.03	5.75	-29.60	56.12	108.39	52.27	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

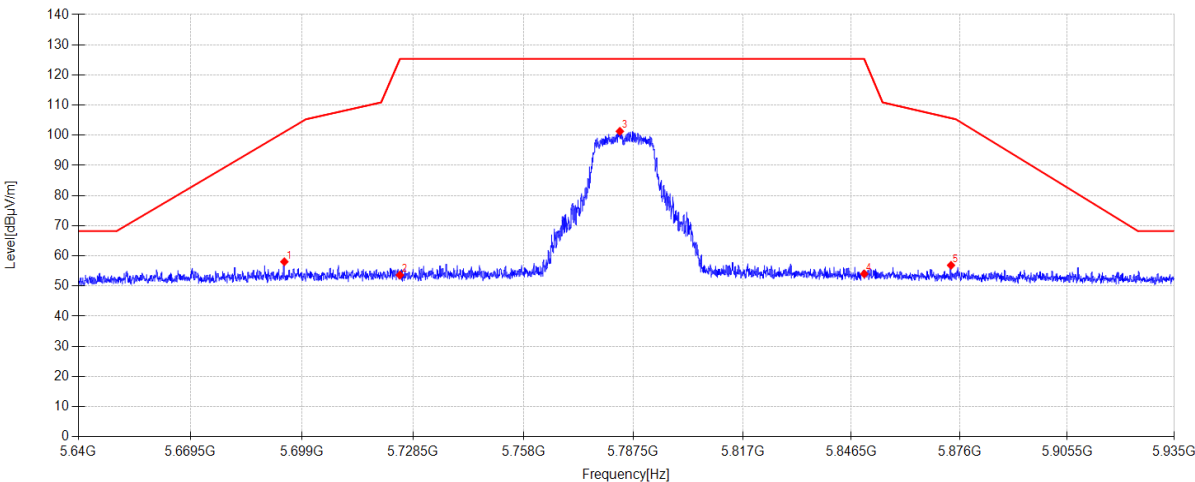
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5694.310	48.44	33.58	5.64	-29.60	58.06	101.08	43.02	PK	Vertical
2	5725.000	43.82	33.75	5.66	-29.60	53.63	125.30	71.67	PK	Vertical
3	5783.872	91.12	34.10	5.70	-29.60	101.32	125.30	23.98	PK	Vertical
4	5850.000	43.89	34.00	5.74	-29.60	54.03	125.30	71.27	PK	Vertical
5	5873.670	46.67	34.05	5.76	-29.60	56.88	105.67	48.79	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

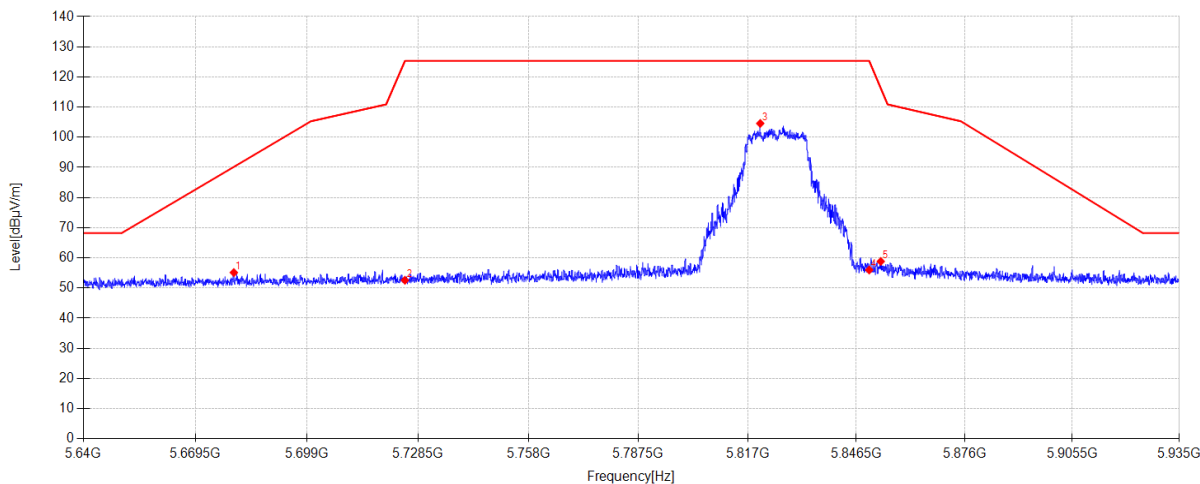
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5679.619	45.58	33.52	5.63	-29.60	55.13	90.18	35.05	PK	Horizontal
2	5725.000	42.76	33.75	5.66	-29.60	52.57	125.30	72.73	PK	Horizontal
3	5820.422	94.35	34.12	5.72	-29.60	104.59	125.30	20.71	PK	Horizontal
4	5850.000	45.85	34.00	5.74	-29.60	55.99	125.30	69.31	PK	Horizontal
5	5853.138	48.67	34.01	5.74	-29.60	58.82	116.26	57.44	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

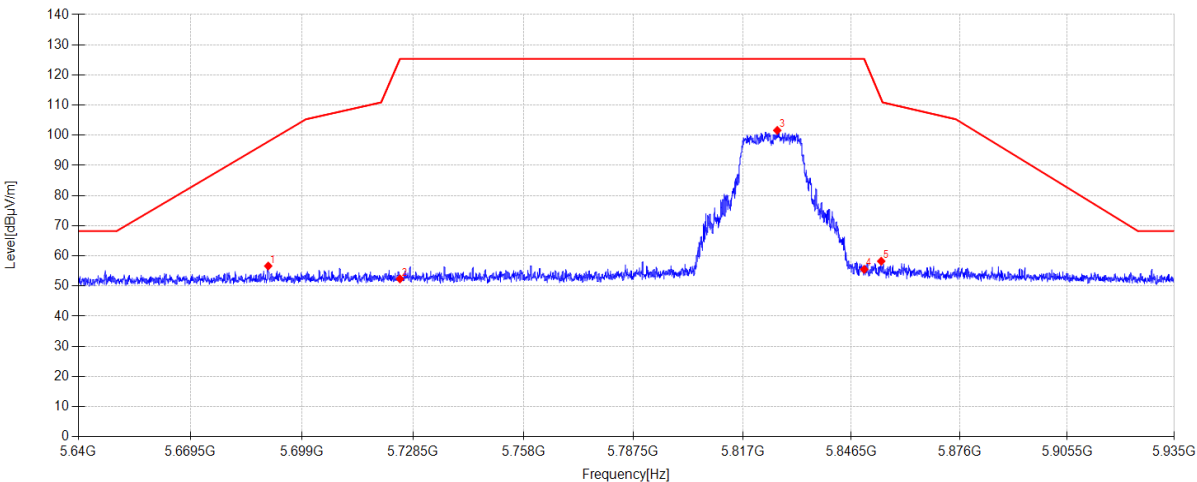
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5690.032	47.04	33.56	5.64	-29.60	56.64	97.90	41.26	PK	Vertical
2	5725.000	42.56	33.75	5.66	-29.60	52.37	125.30	72.93	PK	Vertical
3	5826.381	91.40	34.09	5.73	-29.60	101.62	125.30	23.68	PK	Vertical
4	5850.000	45.39	34.00	5.74	-29.60	55.53	125.30	69.77	PK	Vertical
5	5854.613	48.08	34.01	5.74	-29.60	58.23	112.02	53.79	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

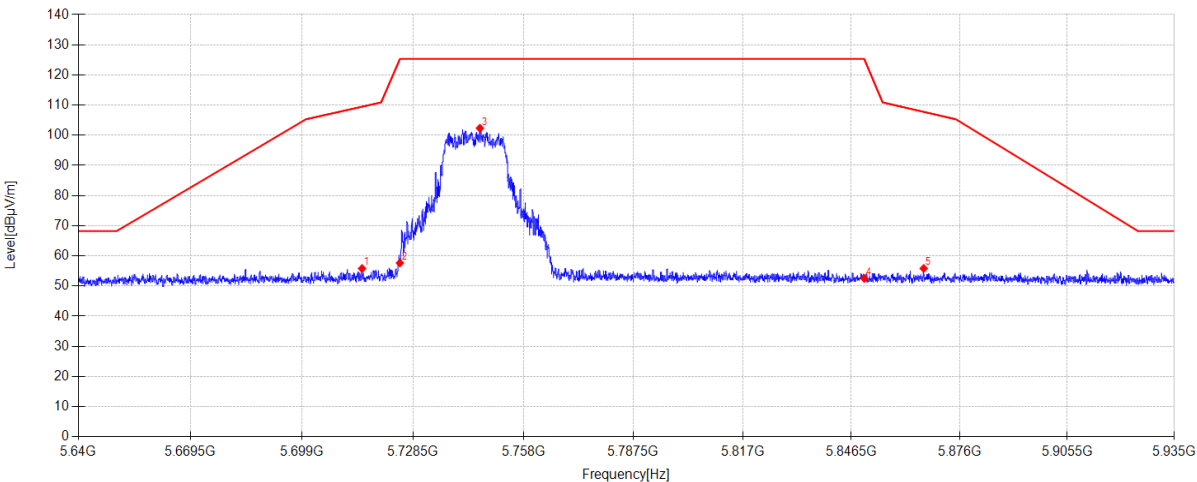
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5714.930	46.06	33.69	5.65	-29.60	55.80	109.48	53.68	PK	Horizontal
2	5725.000	47.83	33.75	5.66	-29.60	57.64	125.30	67.66	PK	Horizontal
3	5746.348	92.39	33.88	5.67	-29.60	102.34	125.30	22.96	PK	Horizontal
4	5850.000	42.38	34.00	5.74	-29.60	52.52	125.30	72.78	PK	Horizontal
5	5866.206	45.66	34.03	5.75	-29.60	55.84	107.76	51.92	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

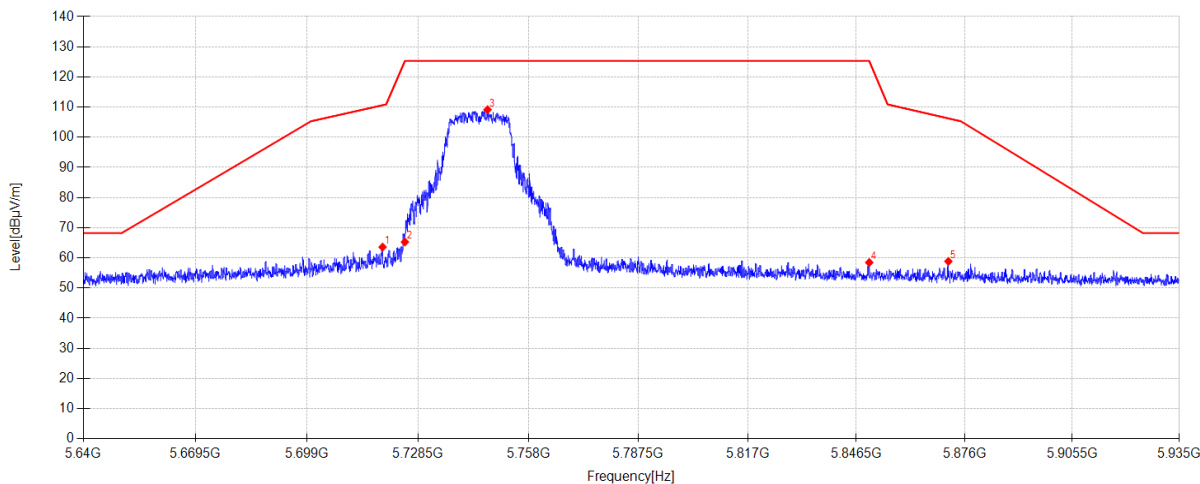
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.060	53.82	33.71	5.65	-29.60	63.58	110.64	47.06	PK	Vertical
2	5725.000	55.46	33.75	5.66	-29.60	65.27	125.30	60.03	PK	Vertical
3	5747.056	99.20	33.88	5.67	-29.60	109.15	125.30	16.15	PK	Vertical
4	5850.000	48.32	34.00	5.74	-29.60	58.46	125.30	66.84	PK	Vertical
5	5871.575	48.64	34.04	5.76	-29.60	58.84	106.26	47.42	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

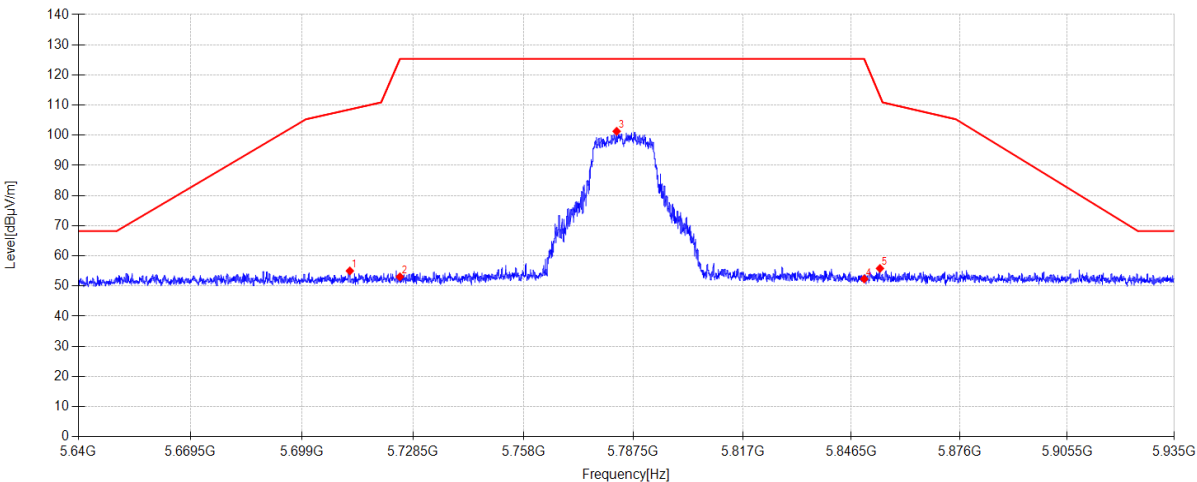
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.685	45.29	33.67	5.65	-29.60	55.01	108.57	53.56	PK	Horizontal
2	5725.000	43.24	33.75	5.66	-29.60	53.05	125.30	72.25	PK	Horizontal
3	5783.016	91.11	34.10	5.70	-29.60	101.31	125.30	23.99	PK	Horizontal
4	5850.000	42.21	34.00	5.74	-29.60	52.35	125.30	72.95	PK	Horizontal
5	5854.288	45.68	34.01	5.74	-29.60	55.83	112.95	57.12	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

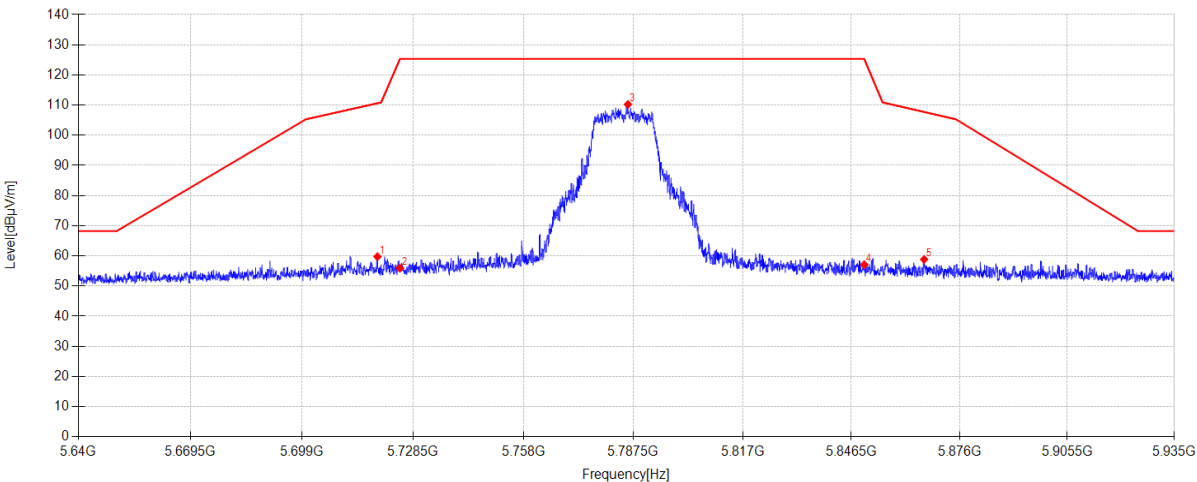
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.031	49.98	33.71	5.65	-29.60	59.74	110.63	50.89	PK	Vertical
2	5725.000	46.11	33.75	5.66	-29.60	55.92	125.30	69.38	PK	Vertical
3	5786.055	100.00	34.12	5.70	-29.60	110.22	125.30	15.08	PK	Vertical
4	5850.000	46.94	34.00	5.74	-29.60	57.08	125.30	68.22	PK	Vertical
5	5866.324	48.66	34.03	5.75	-29.60	58.84	107.73	48.89	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

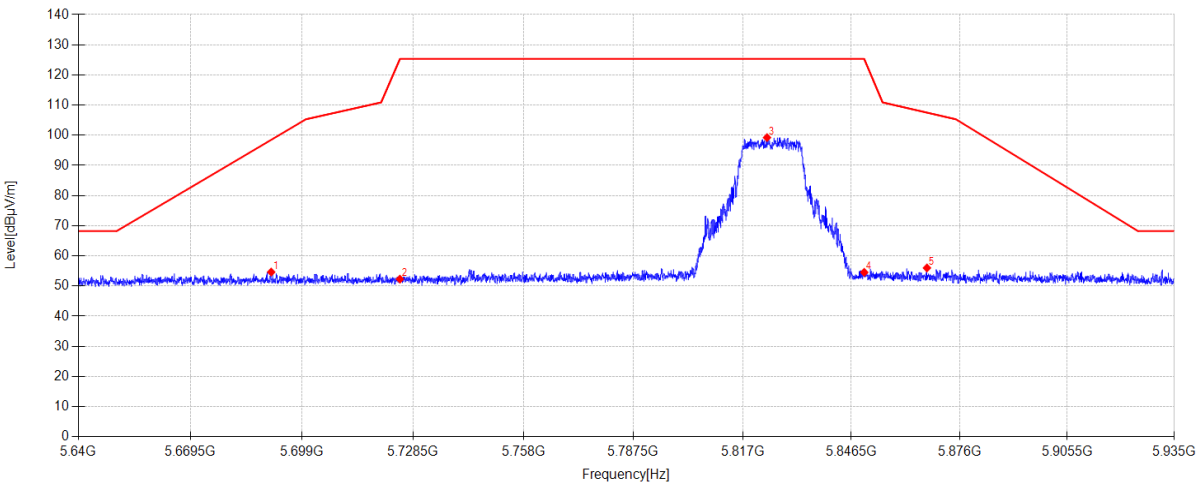
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5690.829	45.03	33.56	5.64	-29.60	54.63	98.49	43.86	PK	Horizontal
2	5725.000	42.48	33.75	5.66	-29.60	52.29	125.30	73.01	PK	Horizontal
3	5823.608	89.00	34.11	5.72	-29.60	99.23	125.30	26.07	PK	Horizontal
4	5850.000	44.41	34.00	5.74	-29.60	54.55	125.30	70.75	PK	Horizontal
5	5867.091	45.82	34.03	5.75	-29.60	56.00	107.51	51.51	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

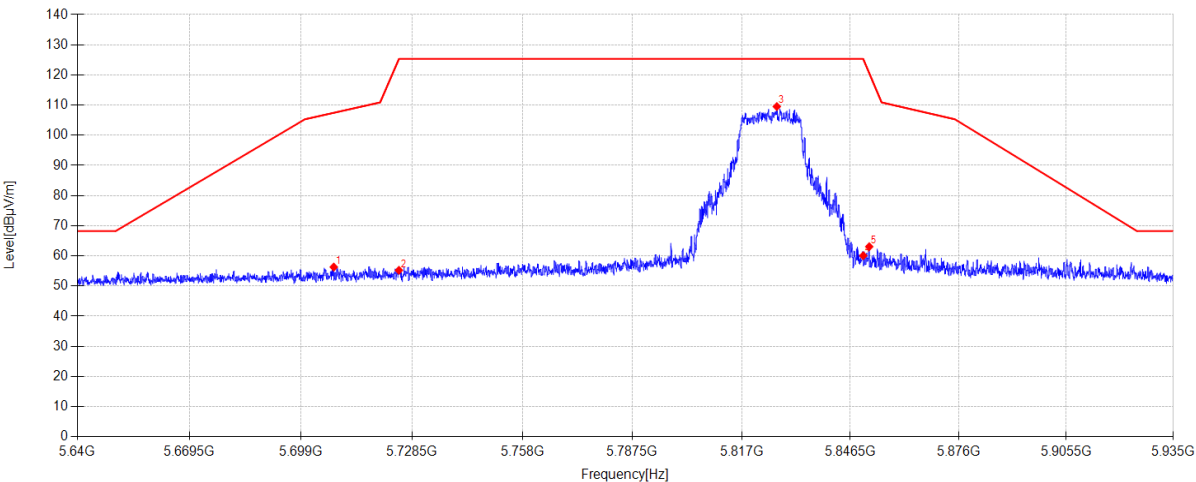
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.673	46.60	33.65	5.65	-29.60	56.30	107.45	51.15	PK	Vertical
2	5725.000	45.41	33.75	5.66	-29.60	55.22	125.30	70.08	PK	Vertical
3	5826.529	99.31	34.09	5.73	-29.60	109.53	125.30	15.77	PK	Vertical
4	5850.000	49.93	34.00	5.74	-29.60	60.07	125.30	65.23	PK	Vertical
5	5851.633	52.93	34.00	5.74	-29.60	63.07	120.60	57.53	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

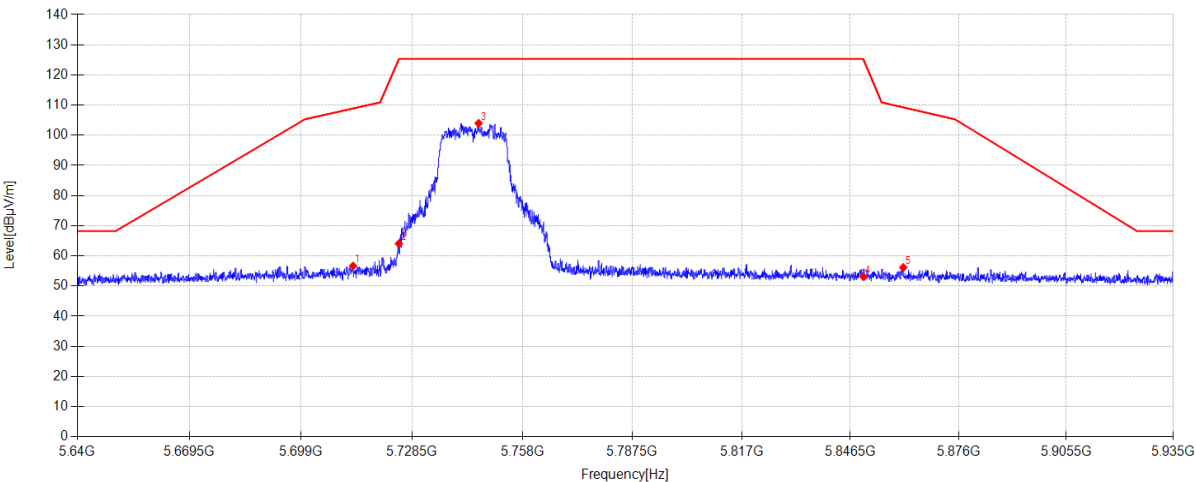
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5712.806	46.92	33.68	5.65	-29.60	56.65	108.89	52.24	PK	Horizontal
2	5725.000	54.24	33.75	5.66	-29.60	64.05	125.30	61.25	PK	Horizontal
3	5746.259	94.02	33.88	5.67	-29.60	103.97	125.30	21.33	PK	Horizontal
4	5850.000	42.98	34.00	5.74	-29.60	53.12	125.30	72.18	PK	Horizontal
5	5860.896	45.98	34.02	5.75	-29.60	56.15	109.25	53.10	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

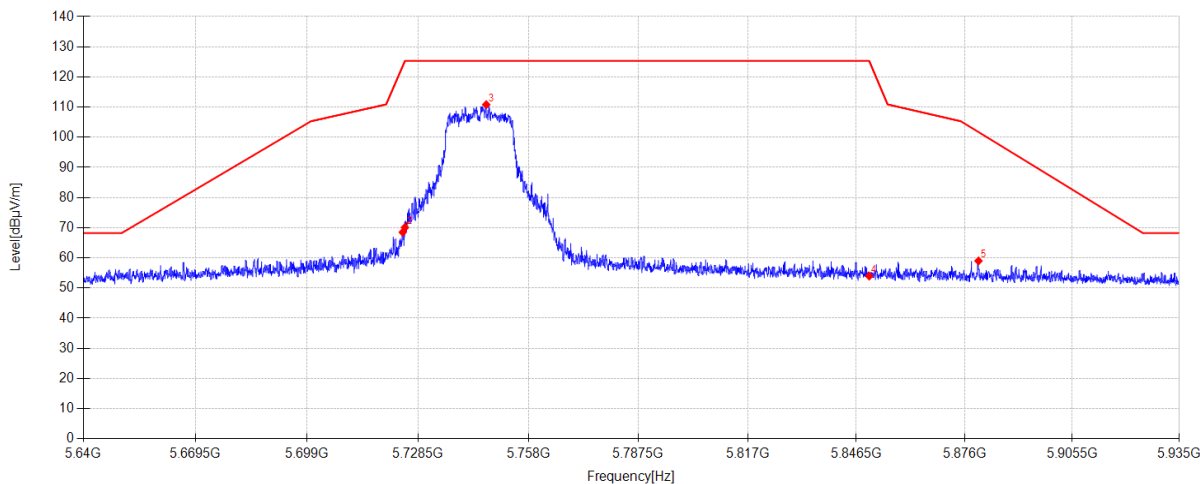
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	58.70	33.75	5.66	-29.60	68.51	123.66	55.15	PK	Vertical
2	5725.000	60.28	33.75	5.66	-29.60	70.09	125.30	55.21	PK	Vertical
3	5746.702	100.88	33.88	5.67	-29.60	110.83	125.30	14.47	PK	Vertical
4	5850.000	43.82	34.00	5.74	-29.60	53.96	125.30	71.34	PK	Vertical
5	5879.806	48.77	34.06	5.76	-29.60	58.99	101.73	42.74	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

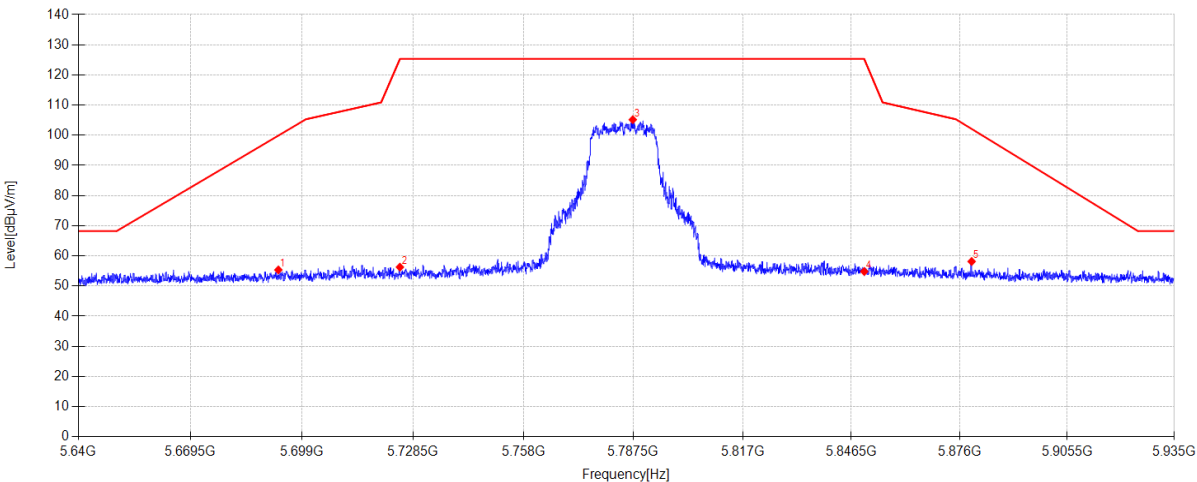
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5692.717	45.73	33.57	5.64	-29.60	55.34	99.90	44.56	PK	Horizontal
2	5725.000	46.46	33.75	5.66	-29.60	56.27	125.30	69.03	PK	Horizontal
3	5787.353	94.96	34.12	5.70	-29.60	105.18	125.30	20.12	PK	Horizontal
4	5850.000	44.69	34.00	5.74	-29.60	54.83	125.30	70.47	PK	Horizontal
5	5879.304	47.93	34.06	5.76	-29.60	58.15	102.11	43.96	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

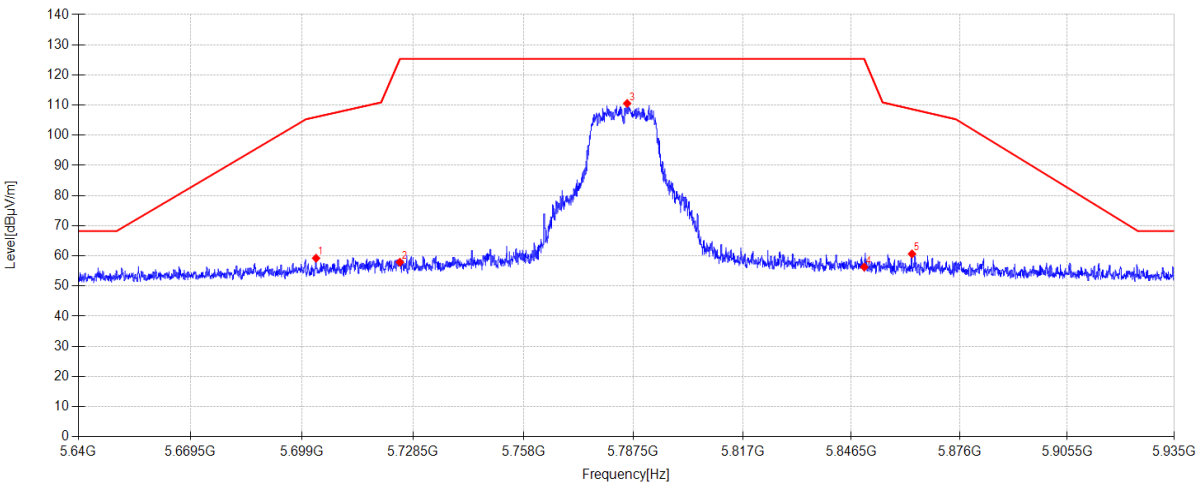
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5702.717	49.57	33.62	5.64	-29.60	59.23	106.06	46.83	PK	Vertical
2	5725.000	48.09	33.75	5.66	-29.60	57.90	125.30	67.40	PK	Vertical
3	5785.848	100.35	34.12	5.70	-29.60	110.57	125.30	14.73	PK	Vertical
4	5850.000	46.15	34.00	5.74	-29.60	56.29	125.30	69.01	PK	Vertical
5	5863.020	50.46	34.03	5.75	-29.60	60.64	108.65	48.01	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

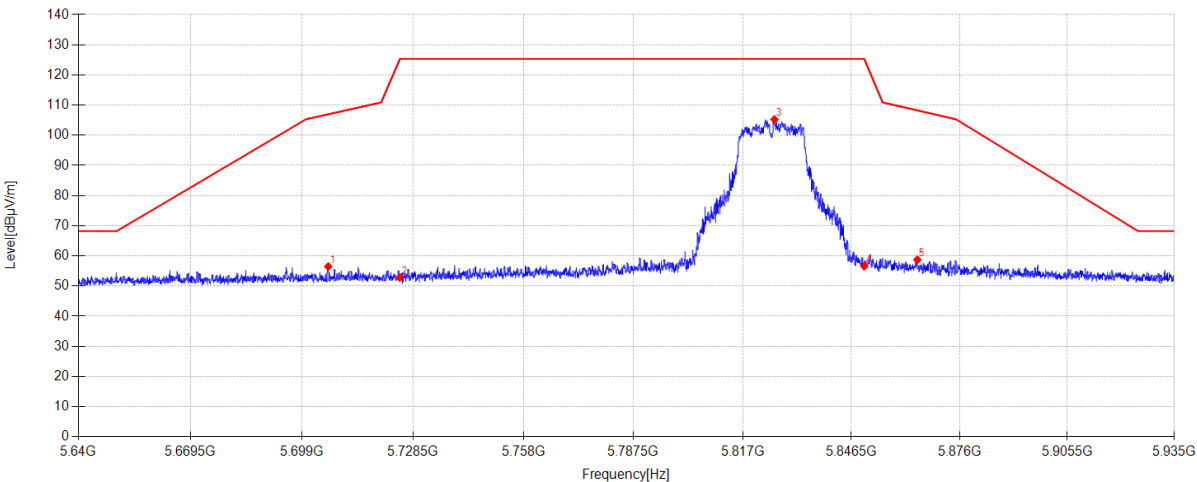
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5705.933	46.77	33.64	5.65	-29.60	56.46	106.96	50.50	PK	Horizontal
2	5725.000	42.99	33.75	5.66	-29.60	52.80	125.30	72.50	PK	Horizontal
3	5825.614	95.02	34.10	5.72	-29.60	105.24	125.30	20.06	PK	Horizontal
4	5850.000	46.49	34.00	5.74	-29.60	56.63	125.30	68.67	PK	Horizontal
5	5864.466	48.53	34.03	5.75	-29.60	58.71	108.25	49.54	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

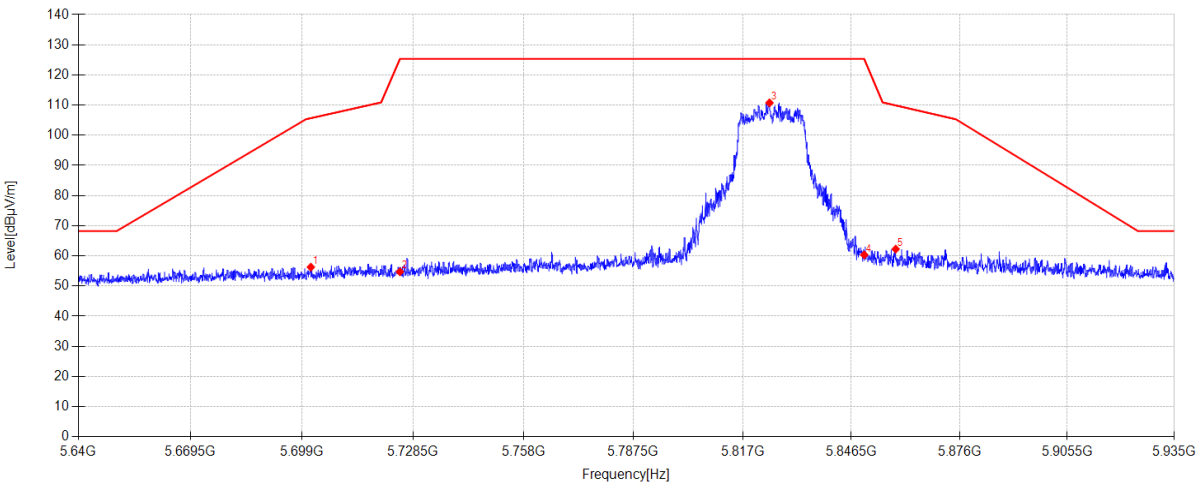
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5701.331	46.61	33.61	5.64	-29.60	56.26	105.67	49.41	PK	Vertical
2	5725.000	44.92	33.75	5.66	-29.60	54.73	125.30	70.57	PK	Vertical
3	5824.287	100.54	34.10	5.72	-29.60	110.76	125.30	14.54	PK	Vertical
4	5850.000	50.20	34.00	5.74	-29.60	60.34	125.30	64.96	PK	Vertical
5	5858.566	52.07	34.02	5.75	-29.60	62.24	109.90	47.66	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

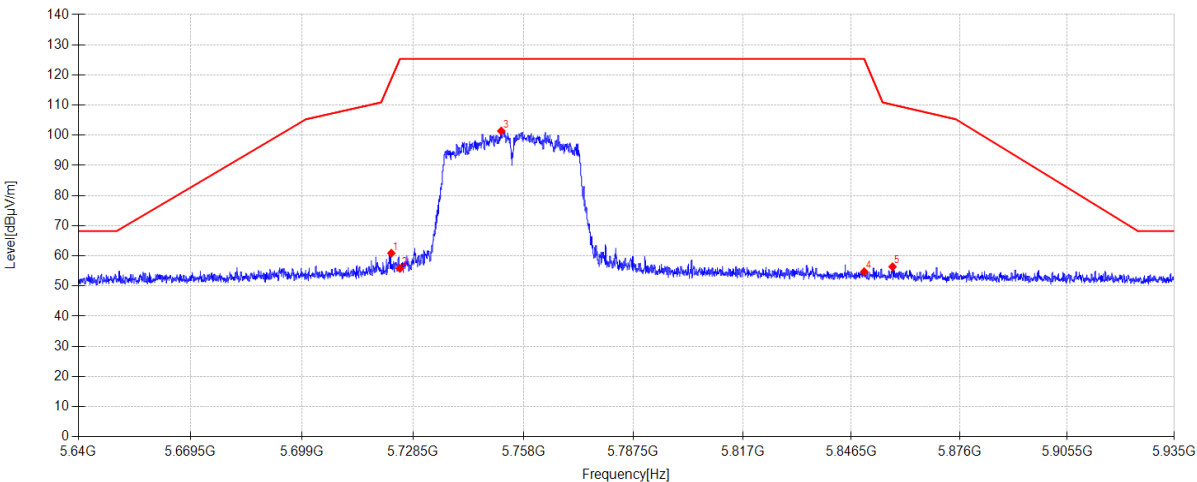
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.718	51.09	33.74	5.66	-29.60	60.89	118.73	57.84	PK	Horizontal
2	5725.000	46.04	33.75	5.66	-29.60	55.85	125.30	69.45	PK	Horizontal
3	5752.041	91.43	33.91	5.68	-29.60	101.42	125.30	23.88	PK	Horizontal
4	5850.000	44.61	34.00	5.74	-29.60	54.75	125.30	70.55	PK	Horizontal
5	5857.710	46.21	34.02	5.75	-29.60	56.38	110.14	53.76	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

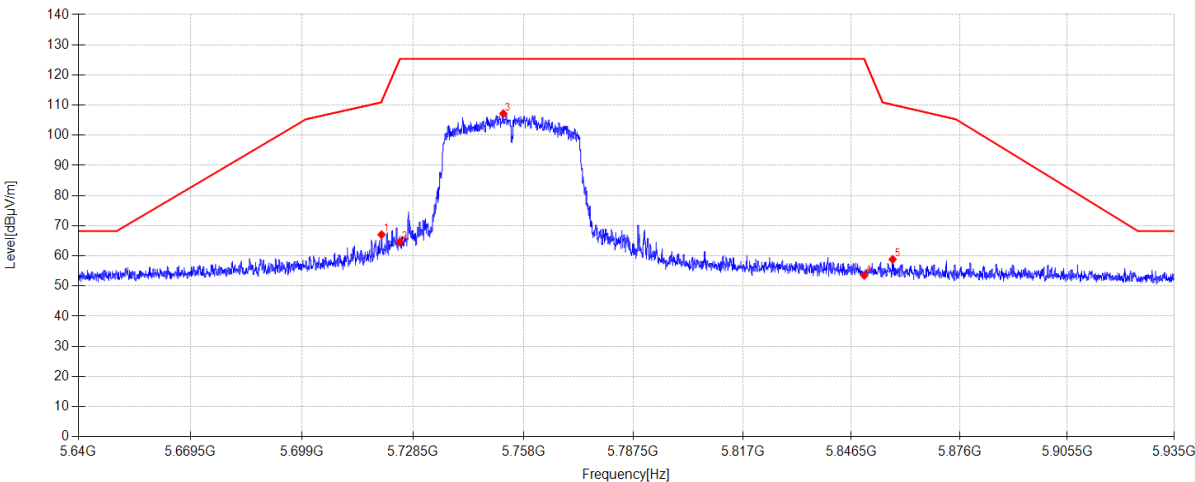
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5720.122	57.26	33.72	5.66	-29.60	67.04	111.25	44.21	PK	Vertical
2	5725.000	54.77	33.75	5.66	-29.60	64.58	125.30	60.72	PK	Vertical
3	5752.602	97.18	33.92	5.68	-29.60	107.18	125.30	18.12	PK	Vertical
4	5850.000	43.37	34.00	5.74	-29.60	53.51	125.30	71.79	PK	Vertical
5	5857.740	48.69	34.02	5.75	-29.60	58.86	110.13	51.27	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

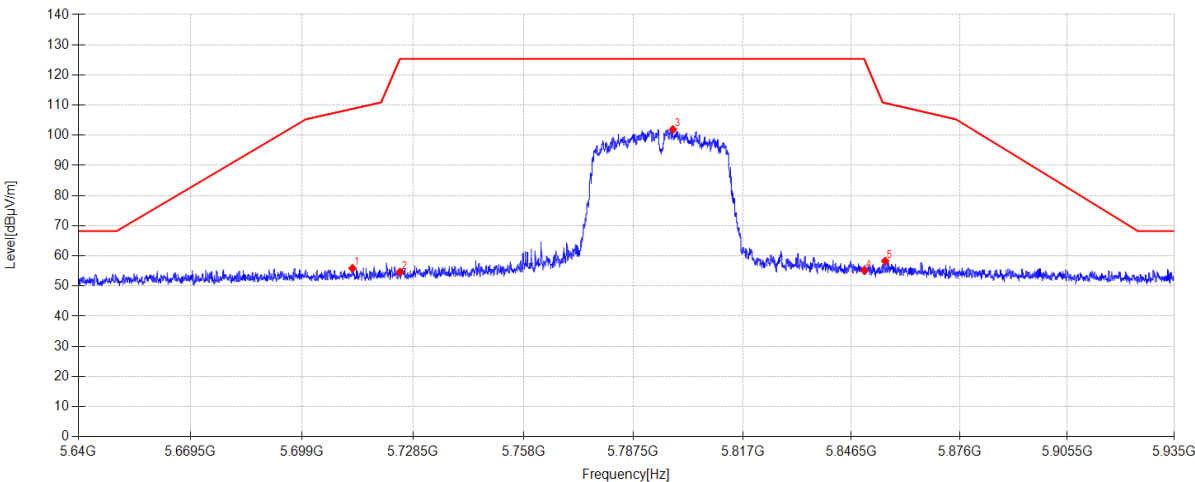
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5712.364	46.17	33.67	5.65	-29.60	55.89	108.76	52.87	PK	Horizontal
2	5725.000	44.82	33.75	5.66	-29.60	54.63	125.30	70.67	PK	Horizontal
3	5798.179	91.62	34.19	5.71	-29.60	101.92	125.30	23.38	PK	Horizontal
4	5850.000	45.05	34.00	5.74	-29.60	55.19	125.30	70.11	PK	Horizontal
5	5855.704	48.13	34.01	5.74	-29.60	58.28	110.70	52.42	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

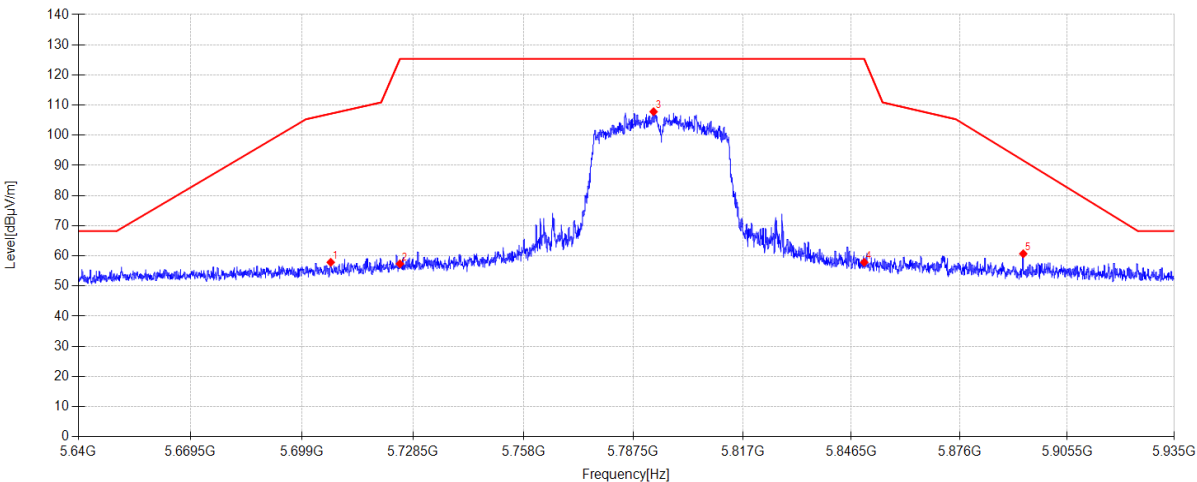
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5706.611	48.17	33.64	5.65	-29.60	57.86	107.15	49.29	PK	Vertical
2	5725.000	47.56	33.75	5.66	-29.60	57.37	125.30	67.93	PK	Vertical
3	5792.958	97.56	34.16	5.70	-29.60	107.82	125.30	17.48	PK	Vertical
4	5850.000	47.73	34.00	5.74	-29.60	57.87	125.30	67.43	PK	Vertical
5	5893.435	50.44	34.09	5.77	-29.60	60.70	91.62	30.92	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

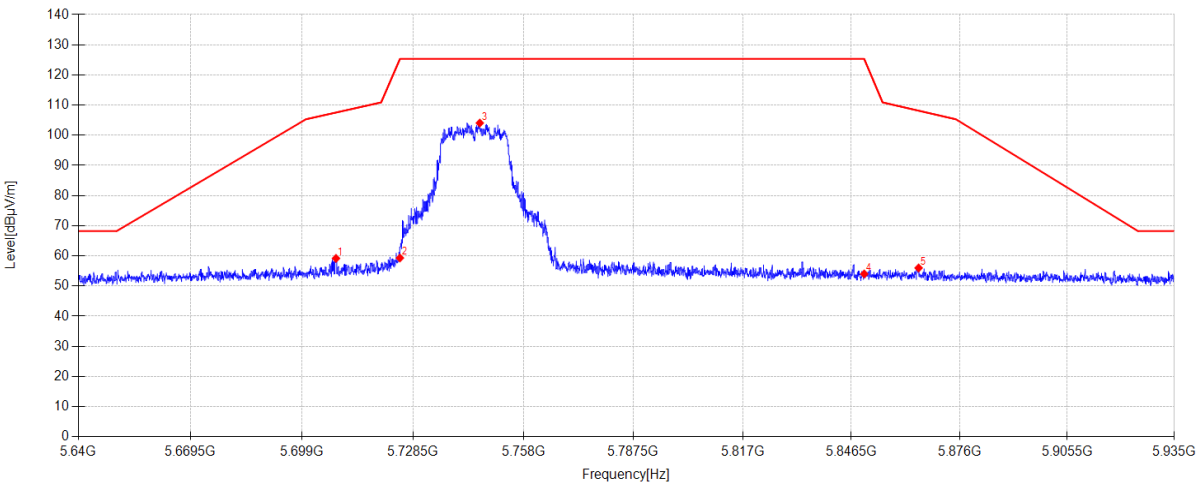
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.998	49.47	33.65	5.65	-29.60	59.17	107.54	48.37	PK	Horizontal
2	5725.000	49.49	33.75	5.66	-29.60	59.30	125.30	66.00	PK	Horizontal
3	5746.318	94.12	33.88	5.67	-29.60	104.07	125.30	21.23	PK	Horizontal
4	5850.000	43.87	34.00	5.74	-29.60	54.01	125.30	71.29	PK	Horizontal
5	5864.820	45.81	34.03	5.75	-29.60	55.99	108.15	52.16	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

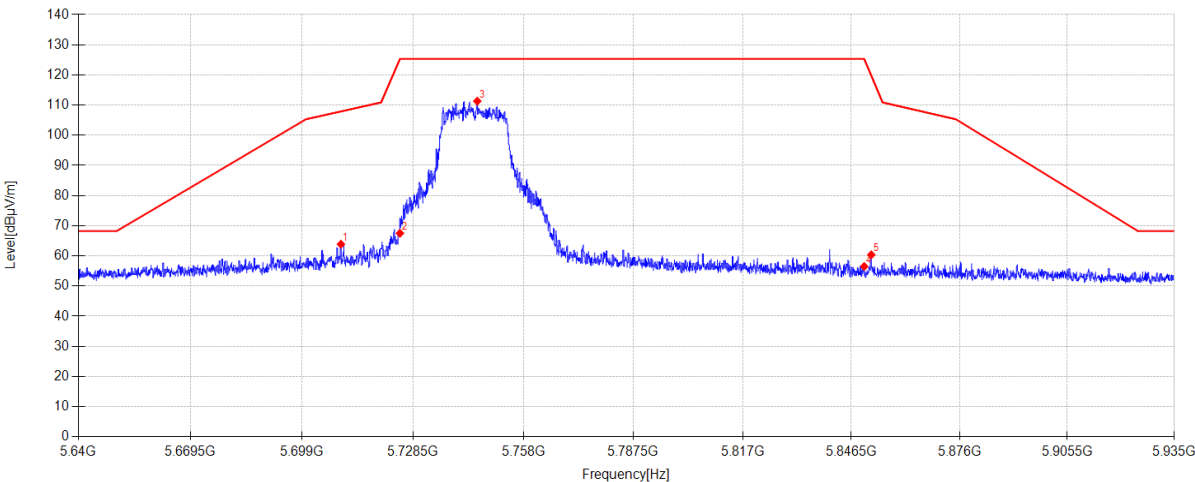
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5709.325	54.15	33.66	5.65	-29.60	63.86	107.91	44.05	PK	Vertical
2	5725.000	57.69	33.75	5.66	-29.60	67.50	125.30	57.80	PK	Vertical
3	5745.640	101.37	33.87	5.67	-29.60	111.31	125.30	13.99	PK	Vertical
4	5850.000	46.36	34.00	5.74	-29.60	56.50	125.30	68.80	PK	Vertical
5	5851.928	50.23	34.00	5.74	-29.60	60.37	119.75	59.38	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

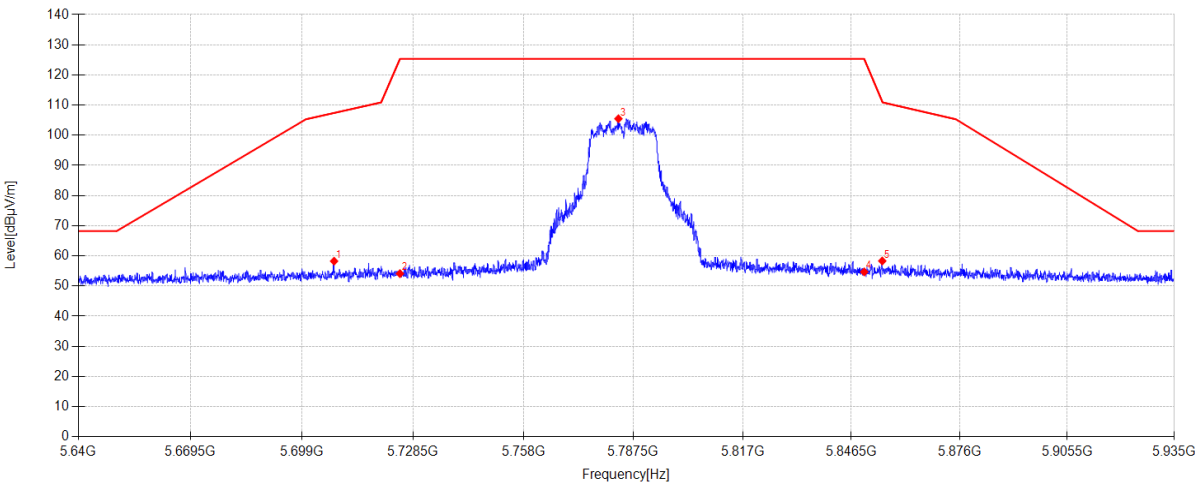
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.496	48.55	33.64	5.65	-29.60	58.24	107.40	49.16	PK	Horizontal
2	5725.000	44.30	33.75	5.66	-29.60	54.11	125.30	71.19	PK	Horizontal
3	5783.488	95.28	34.10	5.70	-29.60	105.48	125.30	19.82	PK	Horizontal
4	5850.000	44.55	34.00	5.74	-29.60	54.69	125.30	70.61	PK	Horizontal
5	5854.908	48.16	34.01	5.74	-29.60	58.31	111.17	52.86	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

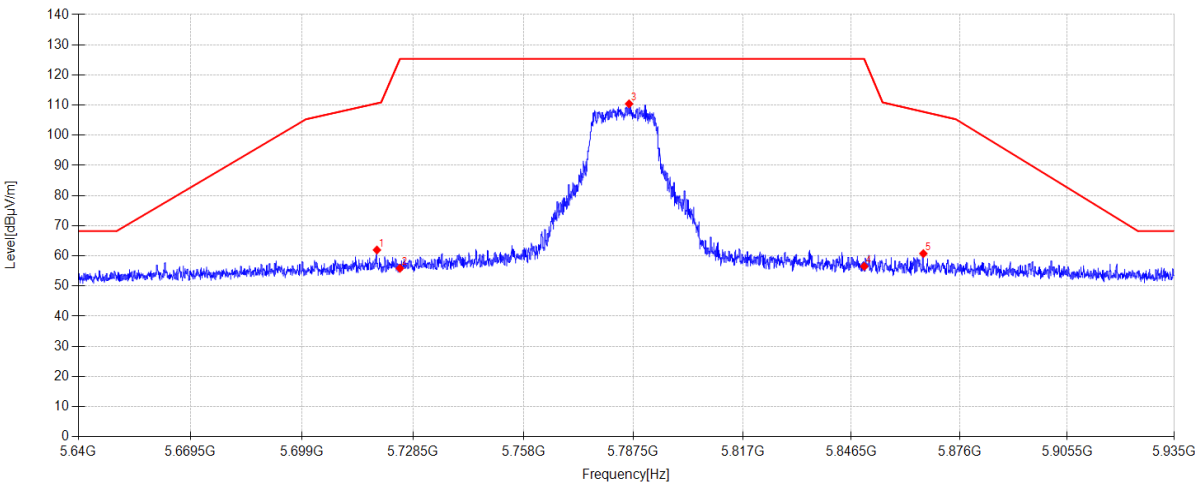
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	52.19	33.71	5.65	-29.60	61.95	110.59	48.64	PK	Vertical
2	5725.000	46.06	33.75	5.66	-29.60	55.87	125.30	69.43	PK	Vertical
3	5786.350	100.20	34.12	5.70	-29.60	110.42	125.30	14.88	PK	Vertical
4	5850.000	46.40	34.00	5.74	-29.60	56.54	125.30	68.76	PK	Vertical
5	5866.118	50.58	34.03	5.75	-29.60	60.76	107.79	47.03	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

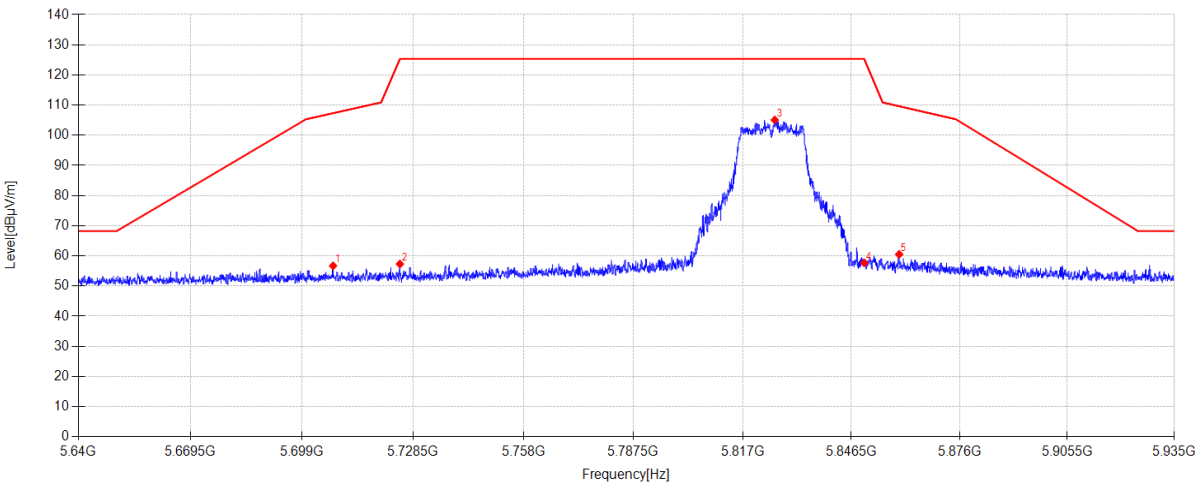
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.231	47.01	33.64	5.65	-29.60	56.70	107.32	50.62	PK	Horizontal
2	5725.000	47.49	33.75	5.66	-29.60	57.30	125.30	68.00	PK	Horizontal
3	5825.703	94.88	34.10	5.72	-29.60	105.10	125.30	20.20	PK	Horizontal
4	5850.000	47.54	34.00	5.74	-29.60	57.68	125.30	67.62	PK	Horizontal
5	5859.510	50.33	34.02	5.75	-29.60	60.50	109.64	49.14	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

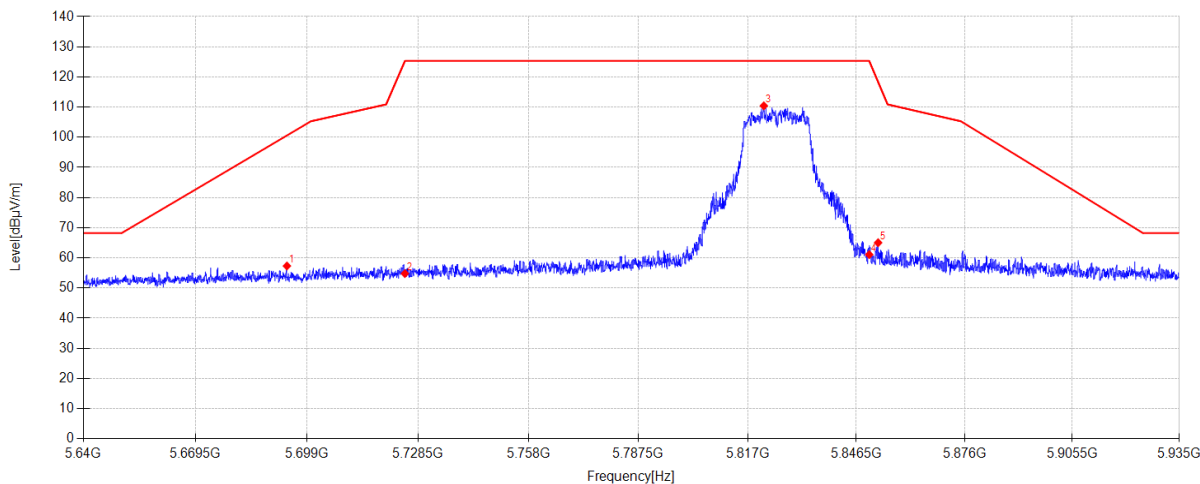
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d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\28

Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5693.661	47.70	33.57	5.64	-29.60	57.31	100.60	43.29	PK	Vertical
2	5725.000	44.98	33.75	5.66	-29.60	54.79	125.30	70.51	PK	Vertical
3	5821.396	100.19	34.11	5.72	-29.60	110.42	125.30	14.88	PK	Vertical
4	5850.000	50.94	34.00	5.74	-29.60	61.08	125.30	64.22	PK	Vertical
5	5852.430	54.89	34.00	5.74	-29.60	65.03	118.30	53.27	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

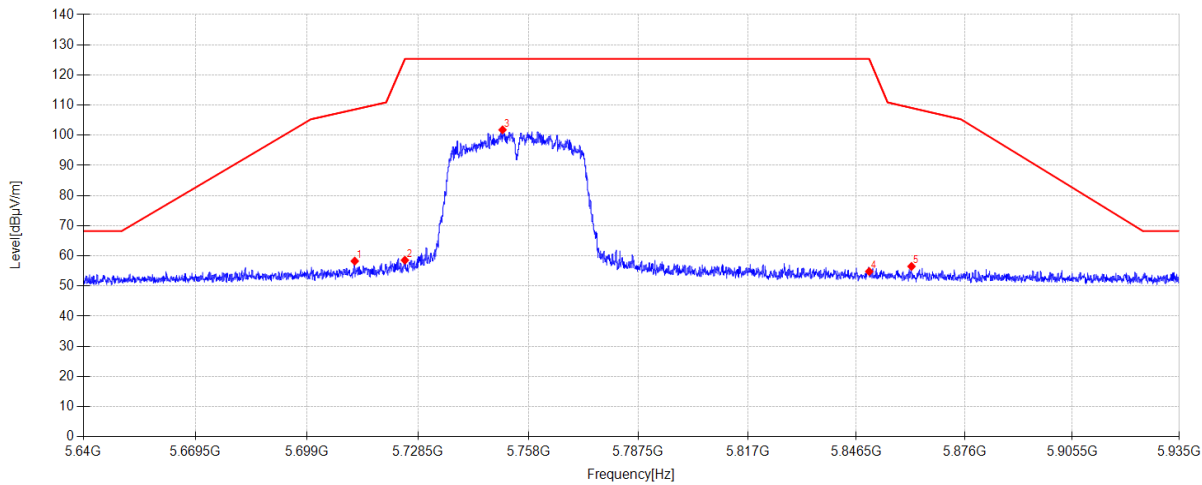
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.656	48.54	33.67	5.65	-29.60	58.26	108.56	50.30	PK	Horizontal
2	5725.000	48.76	33.75	5.66	-29.60	58.57	125.30	66.73	PK	Horizontal
3	5751.068	91.81	33.91	5.68	-29.60	101.80	125.30	23.50	PK	Horizontal
4	5850.000	44.68	34.00	5.74	-29.60	54.82	125.30	70.48	PK	Horizontal
5	5861.516	46.34	34.02	5.75	-29.60	56.51	109.08	52.57	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

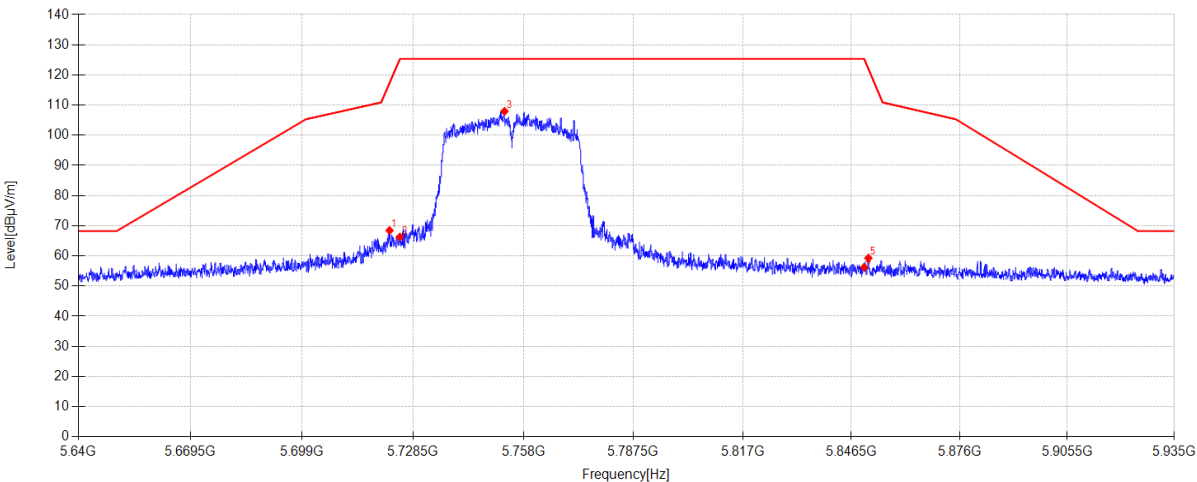
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	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	58.64	33.73	5.66	-29.60	68.43	117.37	48.94	PK	Vertical
2	5725.000	56.44	33.75	5.66	-29.60	66.25	125.30	59.05	PK	Vertical
3	5752.926	97.94	33.92	5.68	-29.60	107.94	125.30	17.36	PK	Vertical
4	5850.000	46.07	34.00	5.74	-29.60	56.21	125.30	69.09	PK	Vertical
5	5851.132	49.13	34.00	5.74	-29.60	59.27	122.04	62.77	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

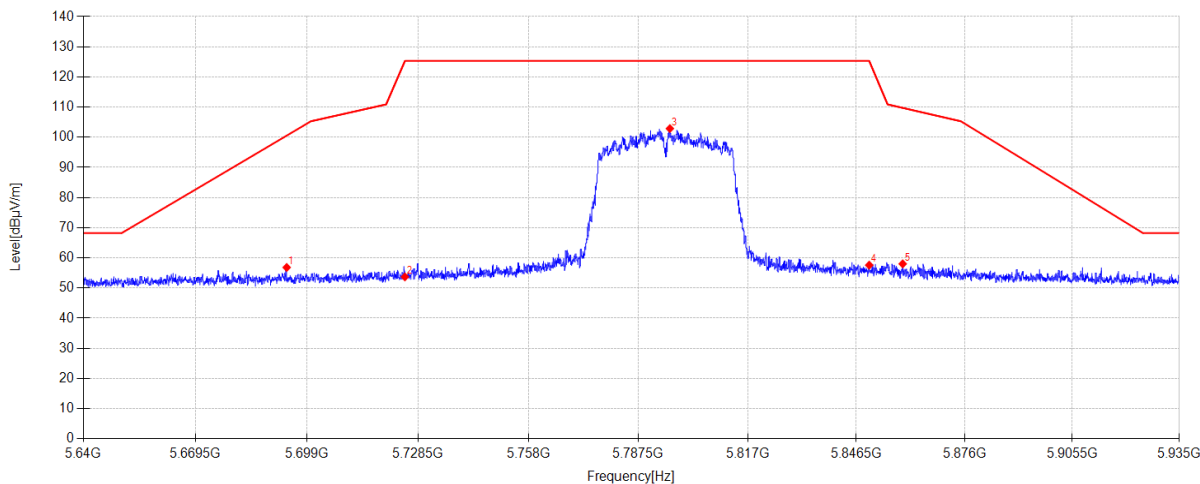
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5693.602	47.22	33.57	5.64	-29.60	56.83	100.55	43.72	PK	Horizontal
2	5725.000	43.89	33.75	5.66	-29.60	53.70	125.30	71.60	PK	Horizontal
3	5795.996	92.59	34.18	5.71	-29.60	102.88	125.30	22.42	PK	Horizontal
4	5850.000	47.45	34.00	5.74	-29.60	57.59	125.30	67.71	PK	Horizontal
5	5859.126	47.85	34.02	5.75	-29.60	58.02	109.74	51.72	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

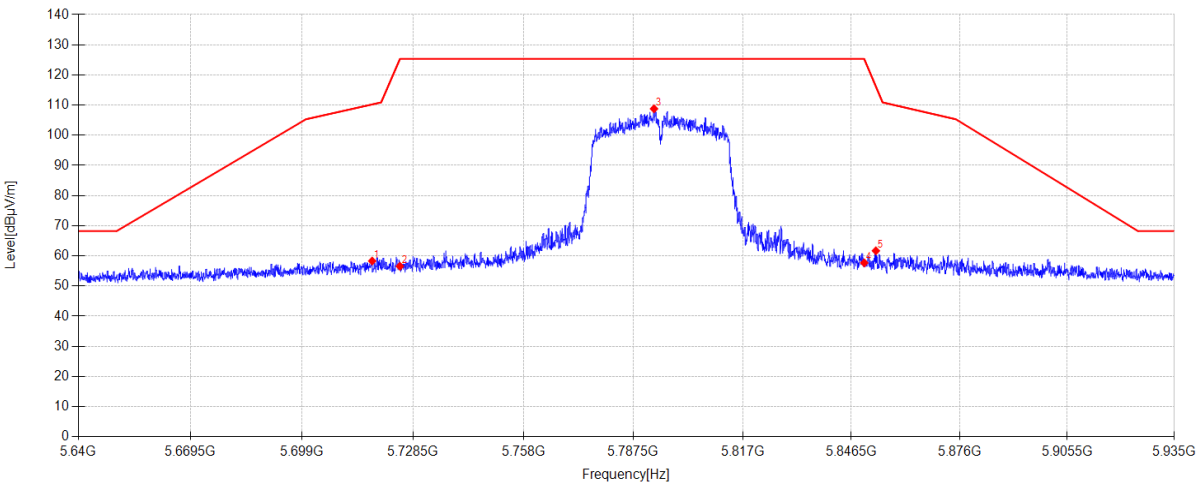
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5717.615	48.55	33.71	5.65	-29.60	58.31	110.23	51.92	PK	Vertical
2	5725.000	46.75	33.75	5.66	-29.60	56.56	125.30	68.74	PK	Vertical
3	5793.076	98.52	34.16	5.70	-29.60	108.78	125.30	16.52	PK	Vertical
4	5850.000	47.54	34.00	5.74	-29.60	57.68	125.30	67.62	PK	Vertical
5	5853.167	51.53	34.01	5.74	-29.60	61.68	116.18	54.50	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5775 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

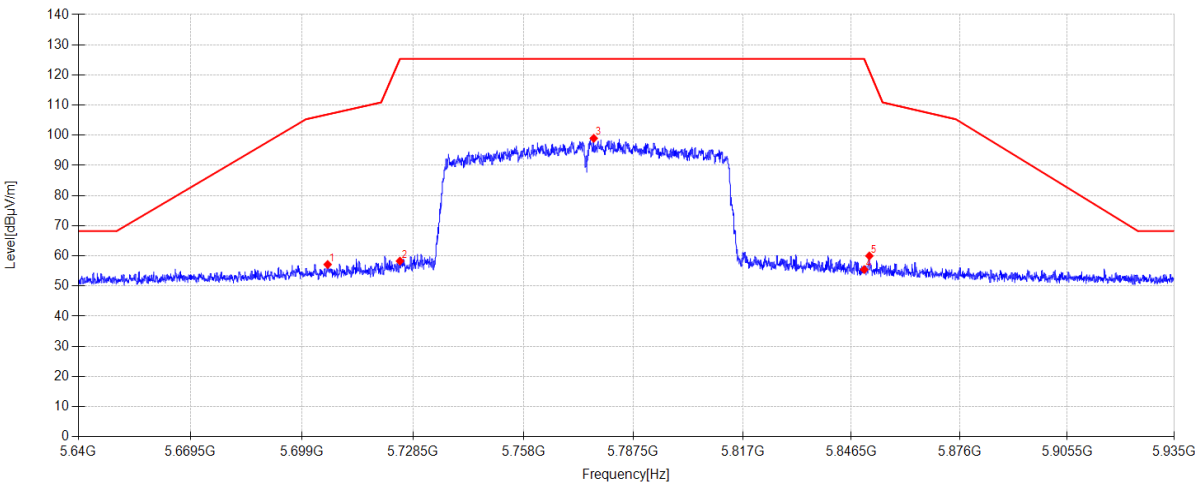
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5705.785	47.46	33.63	5.65	-29.60	57.14	106.92	49.78	PK	Horizontal
2	5725.000	48.46	33.75	5.66	-29.60	58.27	125.30	67.03	PK	Horizontal
3	5776.851	88.84	34.06	5.69	-29.60	98.99	125.30	26.31	PK	Horizontal
4	5850.000	45.32	34.00	5.74	-29.60	55.46	125.30	69.84	PK	Horizontal
5	5851.397	49.85	34.00	5.74	-29.60	59.99	121.28	61.29	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5775 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

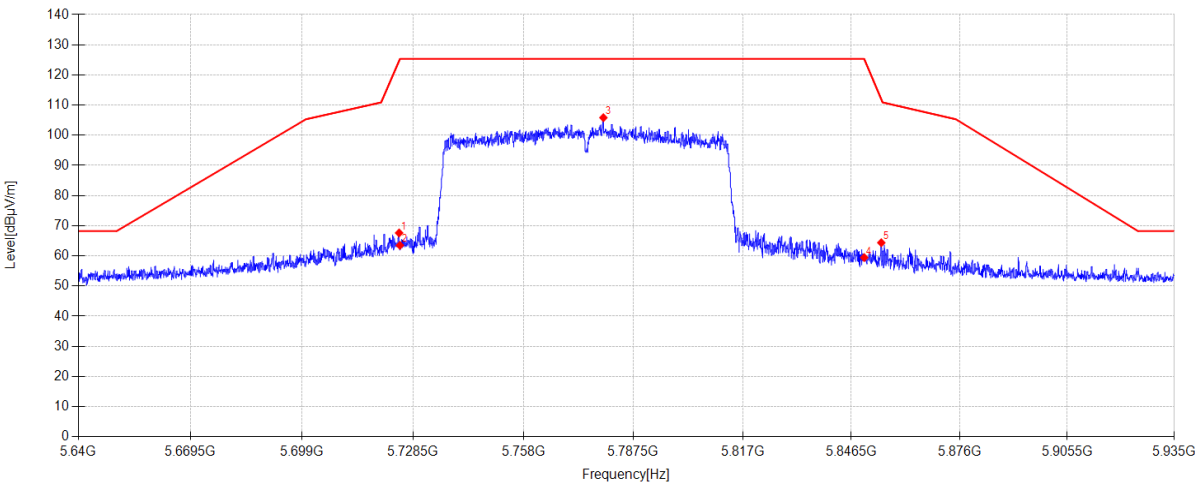
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.783	57.80	33.75	5.66	-29.60	67.61	124.68	57.07	PK	Vertical
2	5725.000	53.69	33.75	5.66	-29.60	63.50	125.30	61.80	PK	Vertical
3	5779.447	95.66	34.08	5.69	-29.60	105.83	125.30	19.47	PK	Vertical
4	5850.000	49.30	34.00	5.74	-29.60	59.44	125.30	65.86	PK	Vertical
5	5854.642	54.22	34.01	5.74	-29.60	64.37	111.93	47.56	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

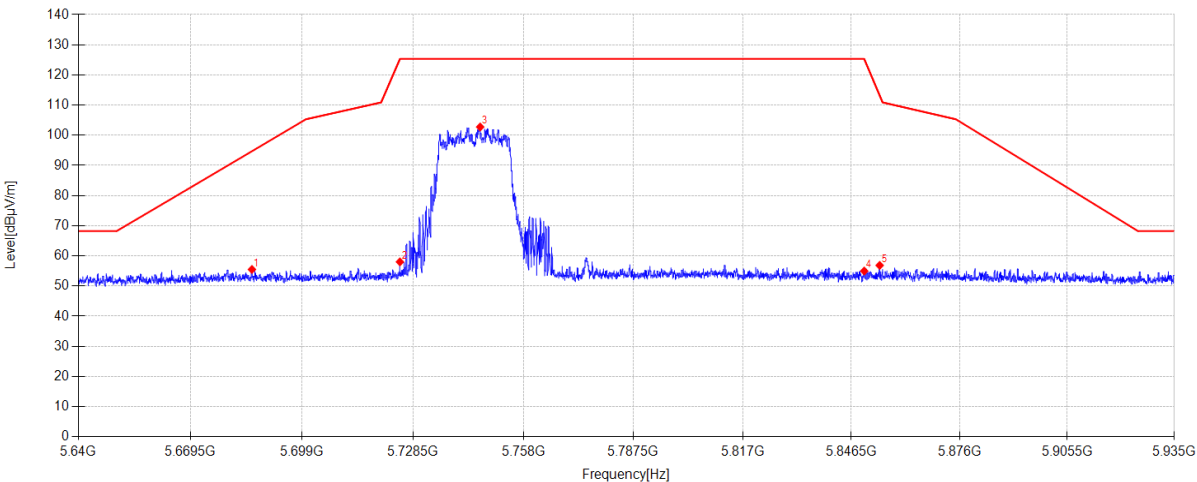
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5685.725	45.94	33.54	5.63	-29.60	55.51	94.71	39.20	PK	Horizontal
2	5725.000	48.20	33.75	5.66	-29.60	58.01	125.30	67.29	PK	Horizontal
3	5746.407	92.80	33.88	5.67	-29.60	102.75	125.30	22.55	PK	Horizontal
4	5850.000	44.83	34.00	5.74	-29.60	54.97	125.30	70.33	PK	Horizontal
5	5854.200	46.70	34.01	5.74	-29.60	56.85	113.21	56.36	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

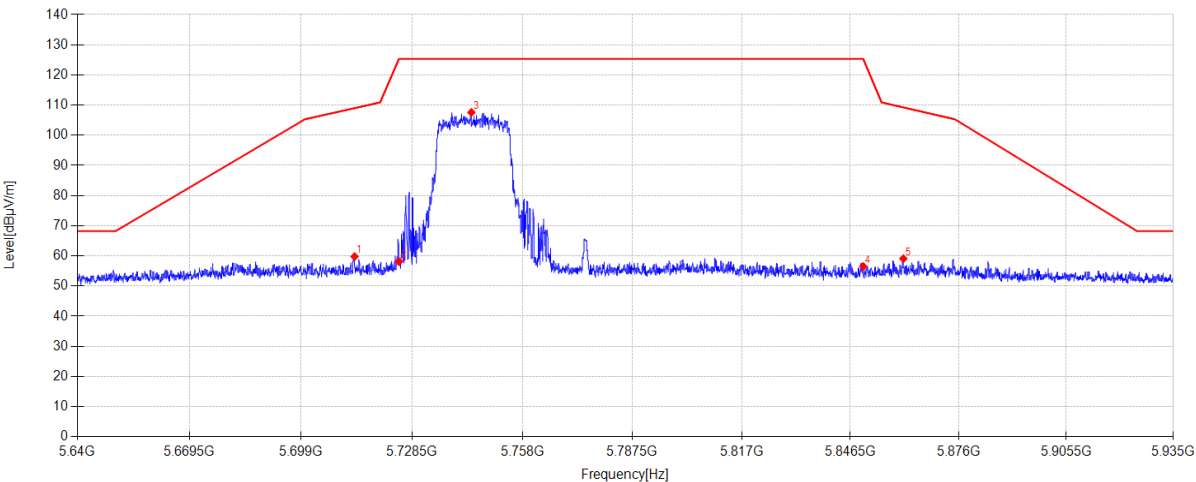
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5713.190	50.05	33.68	5.65	-29.60	59.78	108.99	49.21	PK	Vertical
2	5725.000	48.28	33.75	5.66	-29.60	58.09	125.30	67.21	PK	Vertical
3	5744.342	97.65	33.87	5.67	-29.60	107.59	125.30	17.71	PK	Vertical
4	5850.000	46.34	34.00	5.74	-29.60	56.48	125.30	68.82	PK	Vertical
5	5860.926	48.92	34.02	5.75	-29.60	59.09	109.24	50.15	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

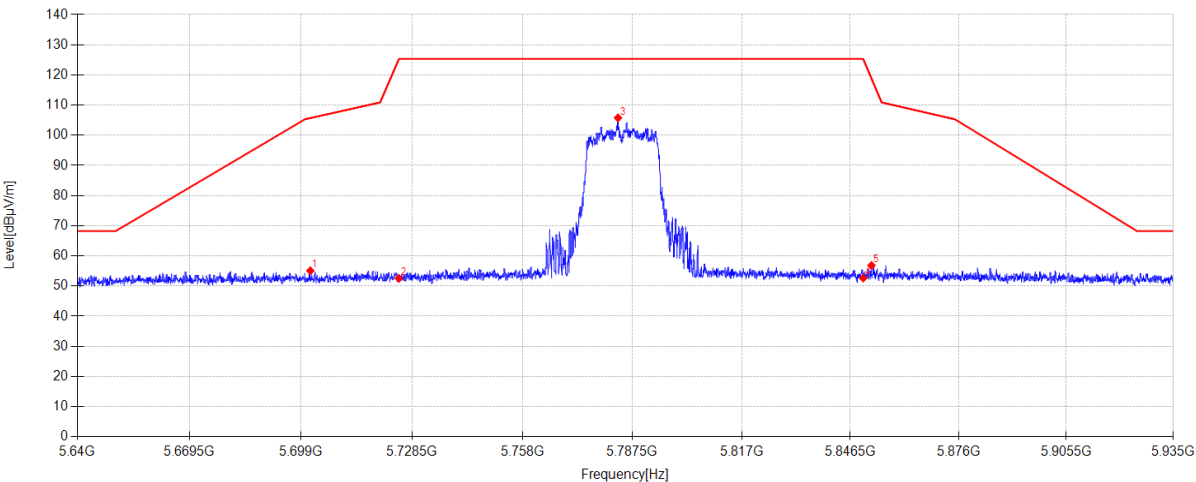
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5701.449	45.42	33.61	5.64	-29.60	55.07	105.71	50.64	PK	Horizontal
2	5725.000	42.72	33.75	5.66	-29.60	52.53	125.30	72.77	PK	Horizontal
3	5783.636	95.57	34.10	5.70	-29.60	105.77	125.30	19.53	PK	Horizontal
4	5850.000	42.51	34.00	5.74	-29.60	52.65	125.30	72.65	PK	Horizontal
5	5852.253	46.68	34.00	5.74	-29.60	56.82	118.81	61.99	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

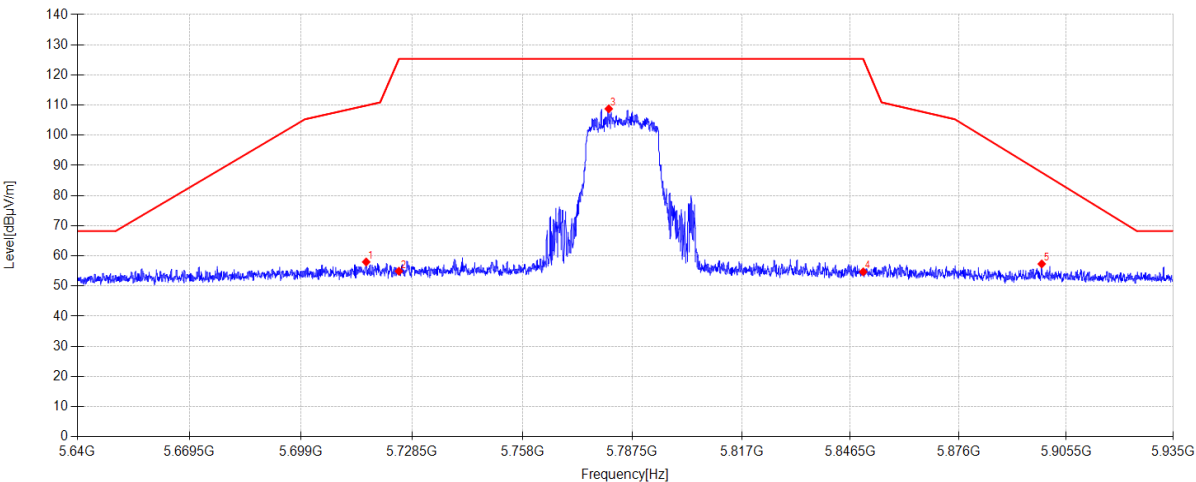
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.287	48.23	33.70	5.65	-29.60	57.98	109.86	51.88	PK	Vertical
2	5725.000	45.10	33.75	5.66	-29.60	54.91	125.30	70.39	PK	Vertical
3	5781.158	98.58	34.09	5.70	-29.60	108.77	125.30	16.53	PK	Vertical
4	5850.000	44.57	34.00	5.74	-29.60	54.71	125.30	70.59	PK	Vertical
5	5898.774	47.06	34.10	5.77	-29.60	57.33	87.66	30.33	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

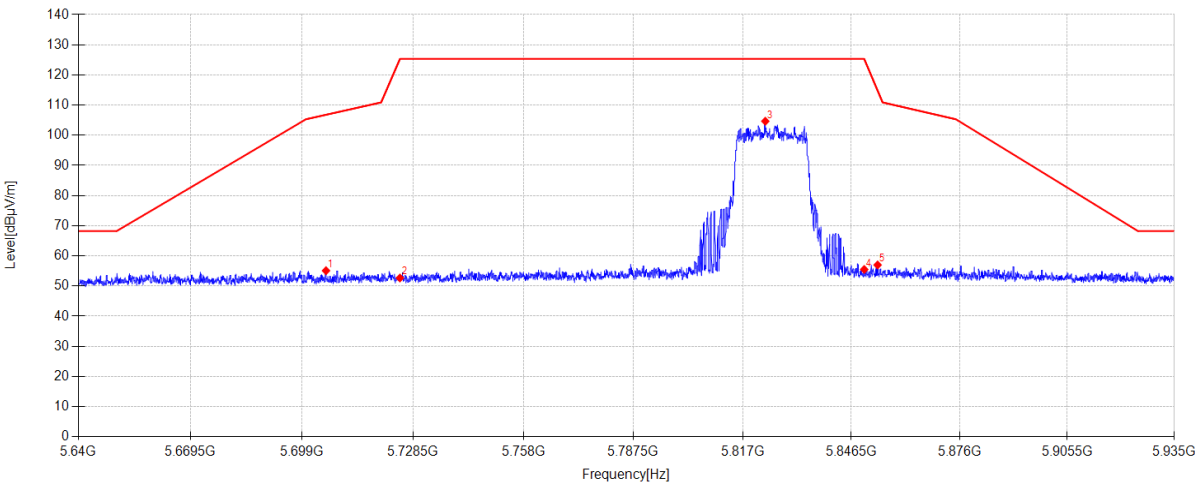
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5705.343	45.41	33.63	5.65	-29.60	55.09	106.80	51.71	PK	Horizontal
2	5725.000	42.86	33.75	5.66	-29.60	52.67	125.30	72.63	PK	Horizontal
3	5823.136	94.43	34.11	5.72	-29.60	104.66	125.30	20.64	PK	Horizontal
4	5850.000	45.36	34.00	5.74	-29.60	55.50	125.30	69.80	PK	Horizontal
5	5853.639	46.83	34.01	5.74	-29.60	56.98	114.82	57.84	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

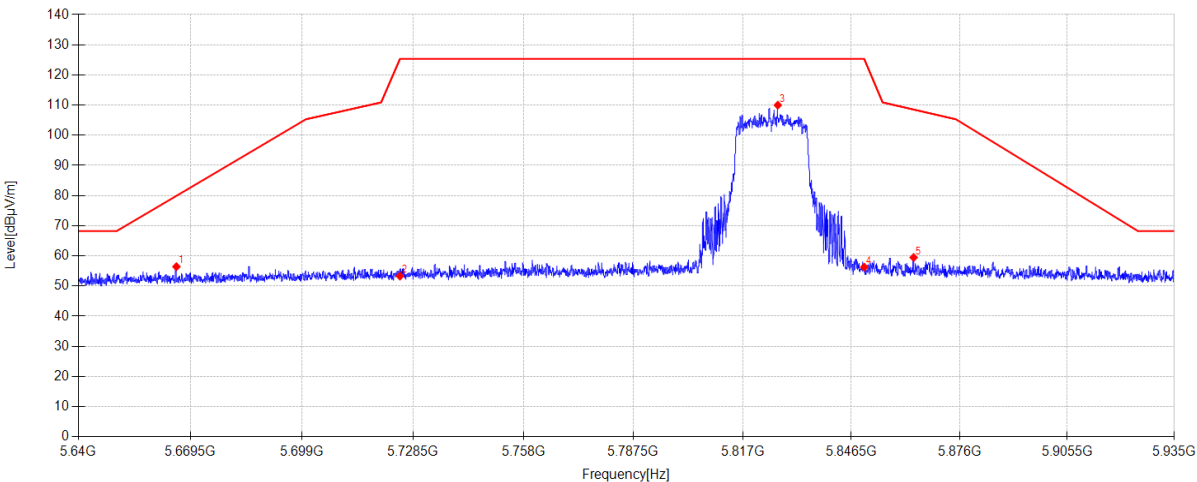
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5665.783	46.94	33.46	5.62	-29.60	56.42	79.91	23.49	PK	Vertical
2	5725.000	43.48	33.75	5.66	-29.60	53.29	125.30	72.01	PK	Vertical
3	5826.529	99.76	34.09	5.73	-29.60	109.98	125.30	15.32	PK	Vertical
4	5850.000	46.13	34.00	5.74	-29.60	56.27	125.30	69.03	PK	Vertical
5	5863.463	49.28	34.03	5.75	-29.60	59.46	108.53	49.07	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

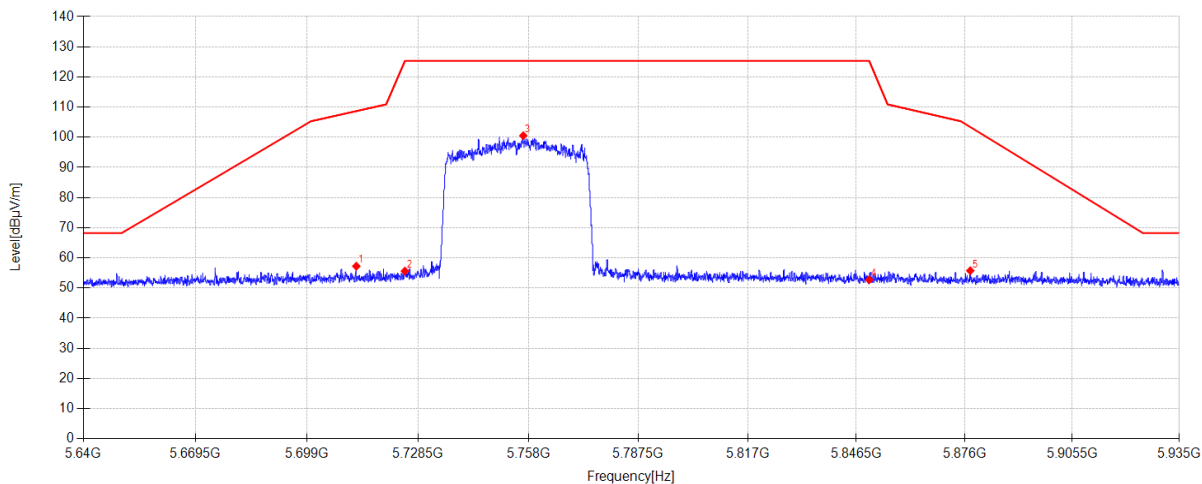
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5712.069	47.51	33.67	5.65	-29.60	57.23	108.68	51.45	PK	Horizontal
2	5725.000	45.81	33.75	5.66	-29.60	55.62	125.30	69.68	PK	Horizontal
3	5756.614	90.51	33.94	5.68	-29.60	100.53	125.30	24.77	PK	Horizontal
4	5850.000	42.60	34.00	5.74	-29.60	52.74	125.30	72.56	PK	Horizontal
5	5877.564	45.53	34.06	5.76	-29.60	55.75	103.40	47.65	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

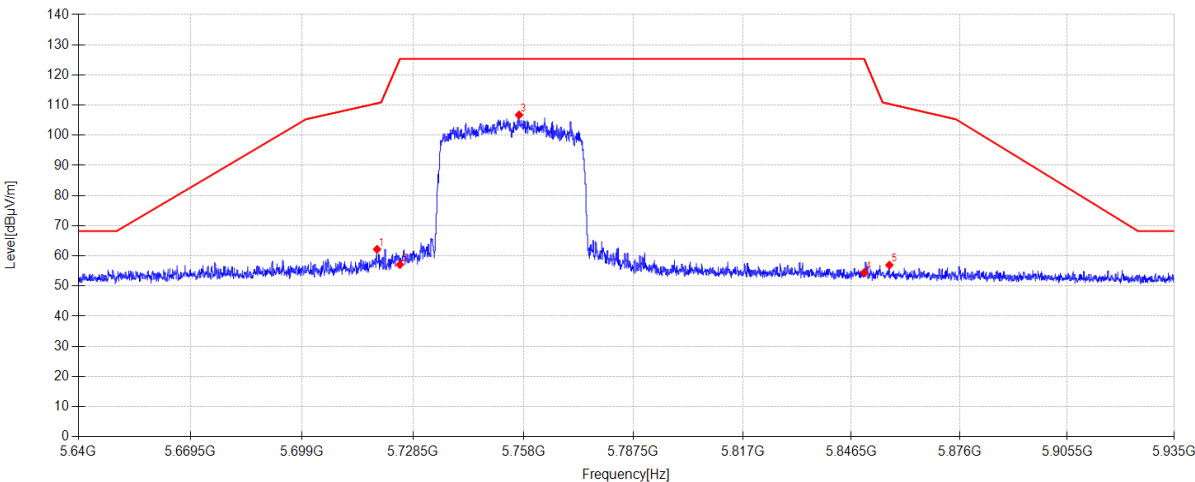
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d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\42

Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5718.913	52.42	33.71	5.65	-29.60	62.18	110.60	48.42	PK	Vertical
2	5725.000	47.29	33.75	5.66	-29.60	57.10	125.30	68.20	PK	Vertical
3	5756.820	96.72	33.94	5.68	-29.60	106.74	125.30	18.56	PK	Vertical
4	5850.000	44.31	34.00	5.74	-29.60	54.45	125.30	70.85	PK	Vertical
5	5856.855	46.80	34.01	5.75	-29.60	56.96	110.38	53.42	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

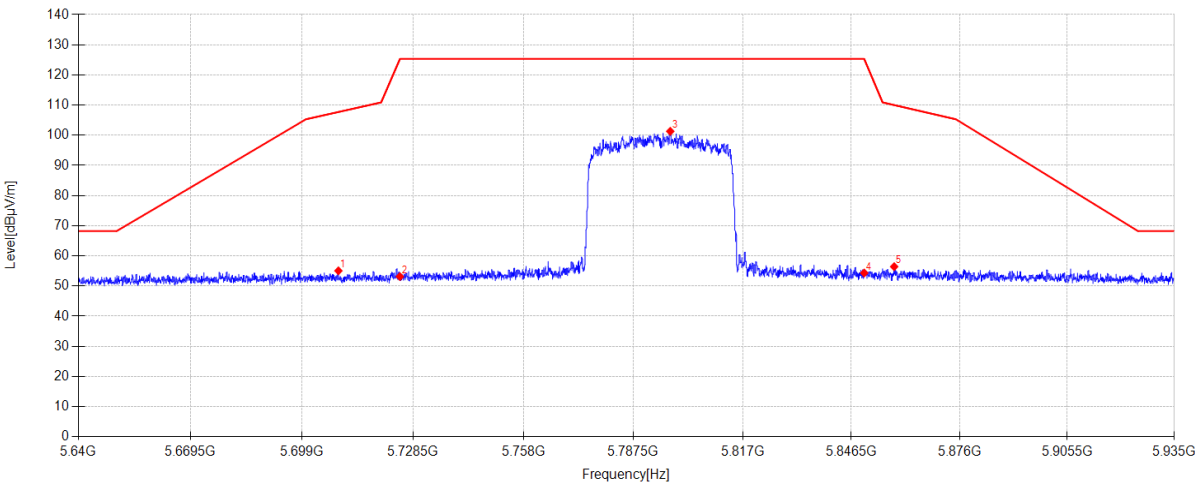
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d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\43

Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5708.647	45.36	33.65	5.65	-29.60	55.06	107.72	52.66	PK	Horizontal
2	5725.000	43.34	33.75	5.66	-29.60	53.15	125.30	72.15	PK	Horizontal
3	5797.442	91.02	34.18	5.71	-29.60	101.31	125.30	23.99	PK	Horizontal
4	5850.000	44.19	34.00	5.74	-29.60	54.33	125.30	70.97	PK	Horizontal
5	5858.153	46.26	34.02	5.75	-29.60	56.43	110.02	53.59	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

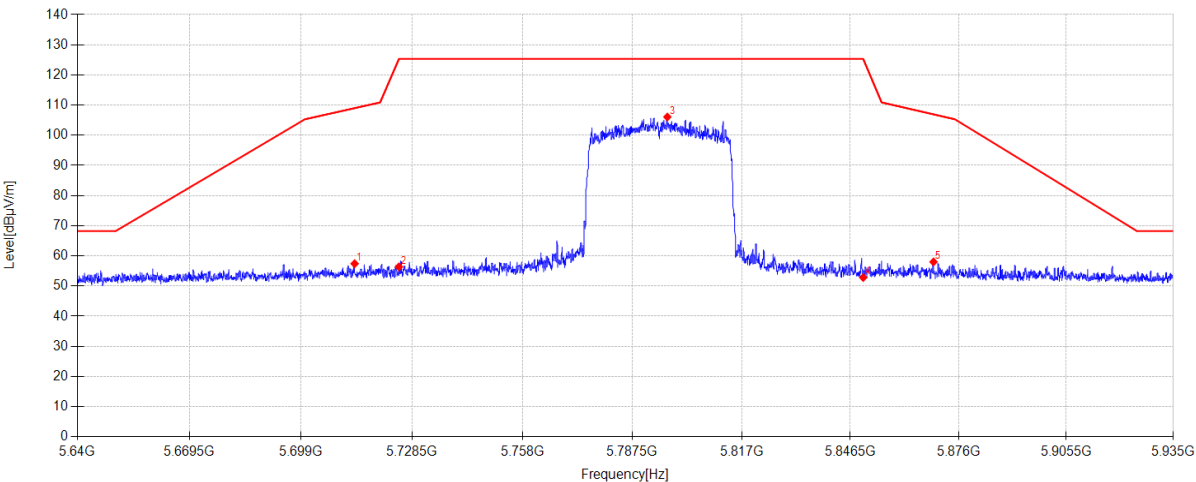
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5713.219	47.68	33.68	5.65	-29.60	57.41	109.00	51.59	PK	Vertical
2	5725.000	46.55	33.75	5.66	-29.60	56.36	125.30	68.94	PK	Vertical
3	5796.940	95.78	34.18	5.71	-29.60	106.07	125.30	19.23	PK	Vertical
4	5850.000	42.69	34.00	5.74	-29.60	52.83	125.30	72.47	PK	Vertical
5	5869.156	47.82	34.04	5.75	-29.60	58.01	106.94	48.93	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5775 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

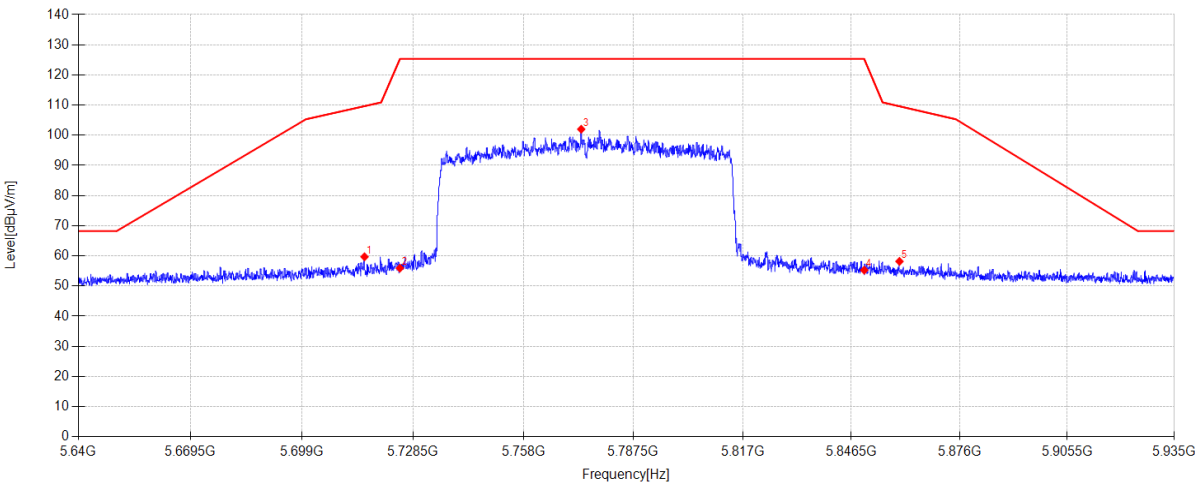
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d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\45

Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5715.579	49.95	33.69	5.65	-29.60	59.69	109.66	49.97	PK	Horizontal
2	5725.000	46.12	33.75	5.66	-29.60	55.93	125.30	69.37	PK	Horizontal
3	5773.488	91.88	34.04	5.69	-29.60	102.01	125.30	23.29	PK	Horizontal
4	5850.000	45.14	34.00	5.74	-29.60	55.28	125.30	70.02	PK	Horizontal
5	5859.598	48.00	34.02	5.75	-29.60	58.17	109.61	51.44	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5775 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

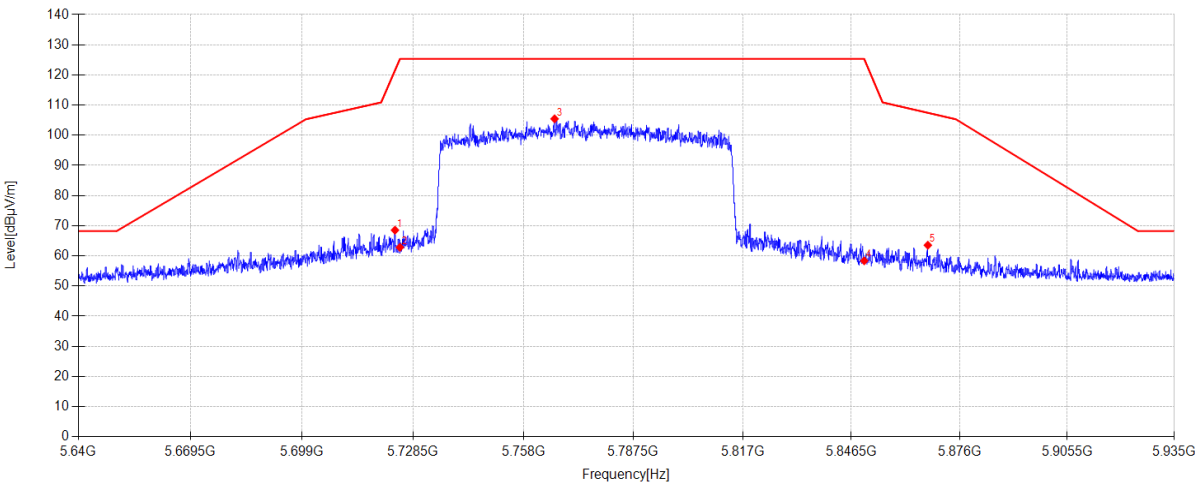
File Path:

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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.692	58.73	33.74	5.66	-29.60	68.53	121.53	53.00	PK	Vertical
2	5725.000	53.01	33.75	5.66	-29.60	62.82	125.30	62.48	PK	Vertical
3	5766.349	95.36	34.00	5.69	-29.60	105.45	125.30	19.85	PK	Vertical
4	5850.000	48.23	34.00	5.74	-29.60	58.37	125.30	66.93	PK	Vertical
5	5867.327	53.36	34.03	5.75	-29.60	63.54	107.45	43.91	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

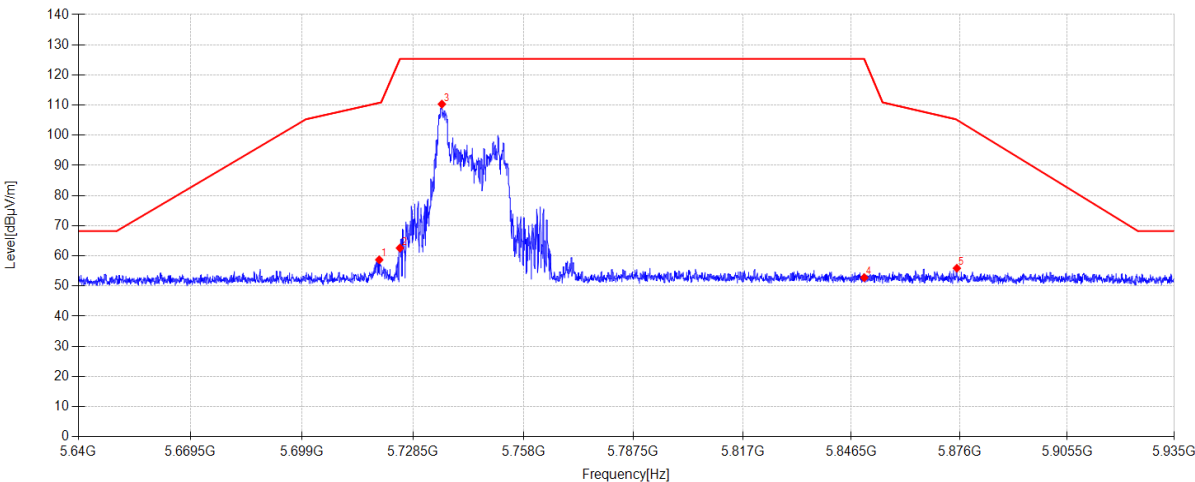
File Path:

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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.503	48.93	33.72	5.65	-29.60	58.70	110.76	52.06	PK	Horizontal
2	5725.000	52.78	33.75	5.66	-29.60	62.59	125.30	62.71	PK	Horizontal
3	5736.200	100.44	33.82	5.67	-29.60	110.33	125.30	14.97	PK	Horizontal
4	5850.000	42.64	34.00	5.74	-29.60	52.78	125.30	72.52	PK	Horizontal
5	5875.263	45.69	34.05	5.76	-29.60	55.90	105.11	49.21	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

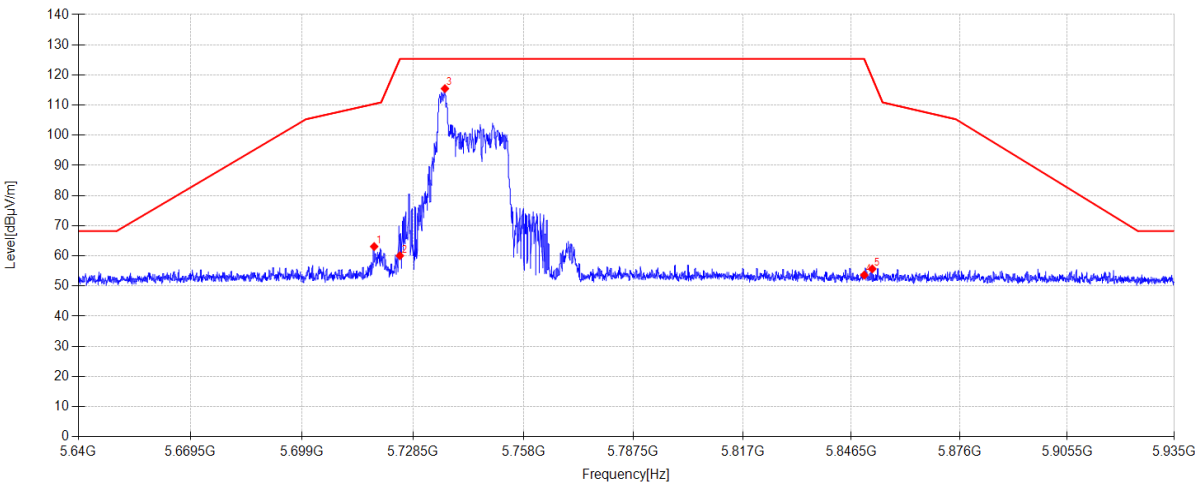
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5718.146	53.33	33.71	5.65	-29.60	63.09	110.38	47.29	PK	Vertical
2	5725.000	50.24	33.75	5.66	-29.60	60.05	125.30	65.25	PK	Vertical
3	5736.996	105.58	33.82	5.67	-29.60	115.47	125.30	9.83	PK	Vertical
4	5850.000	43.49	34.00	5.74	-29.60	53.63	125.30	71.67	PK	Vertical
5	5852.194	45.56	34.00	5.74	-29.60	55.70	118.98	63.28	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

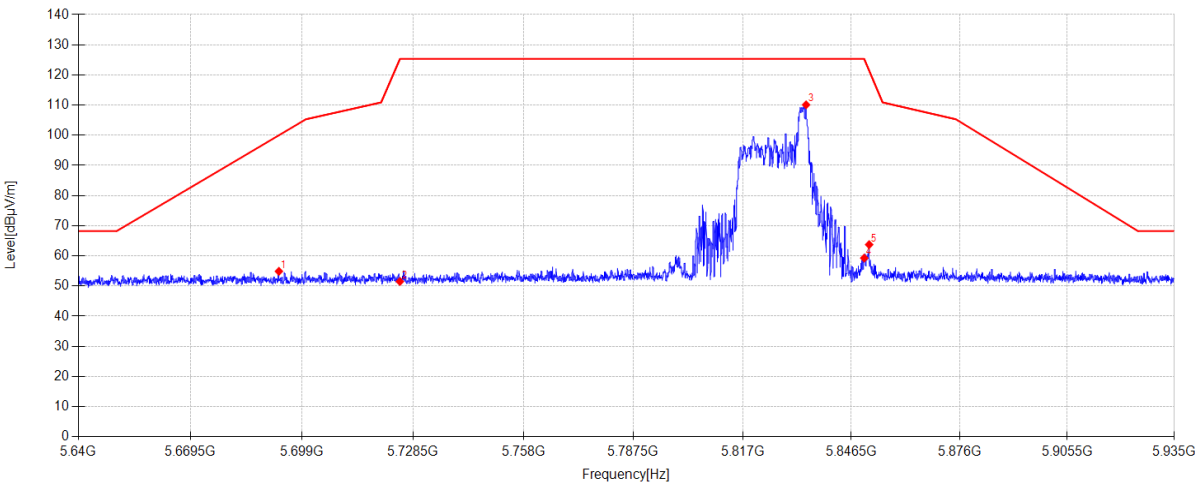
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5692.864	45.27	33.57	5.64	-29.60	54.88	100.01	45.13	PK	Horizontal
2	5725.000	41.69	33.75	5.66	-29.60	51.50	125.30	73.80	PK	Horizontal
3	5834.199	99.92	34.06	5.73	-29.60	110.11	125.30	15.19	PK	Horizontal
4	5850.000	49.13	34.00	5.74	-29.60	59.27	125.30	66.03	PK	Horizontal
5	5851.338	53.59	34.00	5.74	-29.60	63.73	121.45	57.72	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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

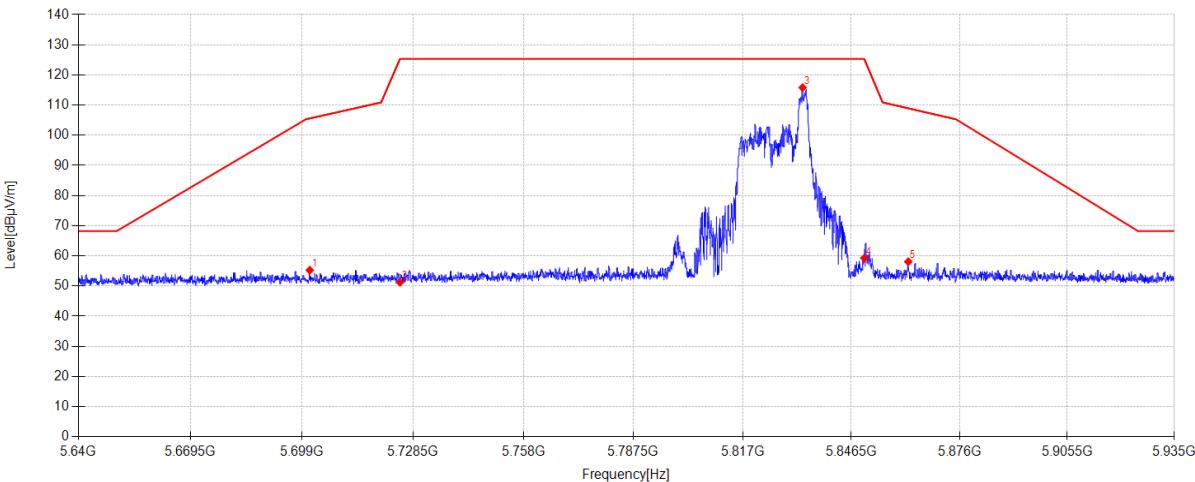
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Memo:

Sample Number: S24111413-008

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5701.036	45.61	33.61	5.64	-29.60	55.26	105.59	50.33	PK	Vertical
2	5725.000	41.45	33.75	5.66	-29.60	51.26	125.30	74.04	PK	Vertical
3	5833.255	105.61	34.07	5.73	-29.60	115.81	125.30	9.49	PK	Vertical
4	5850.000	49.09	34.00	5.74	-29.60	59.23	125.30	66.07	PK	Vertical
5	5861.988	47.90	34.02	5.75	-29.60	58.07	108.94	50.87	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.

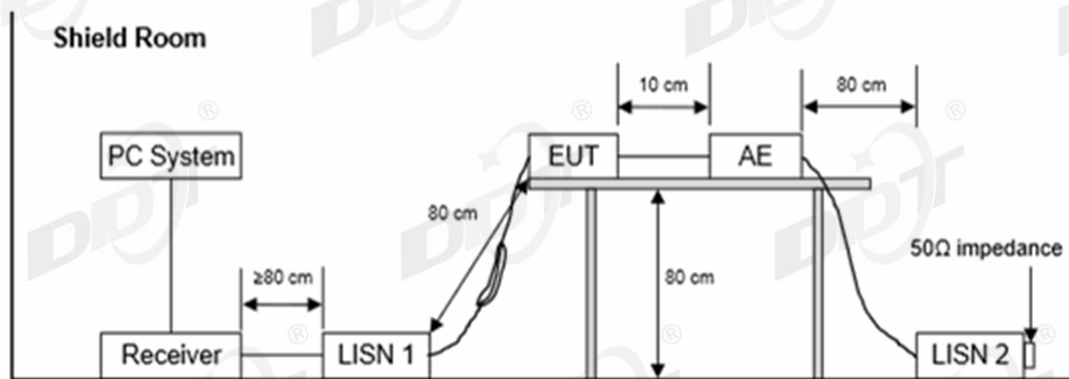
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15.Power Line Conducted Emissions

15.1. Test equipment

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

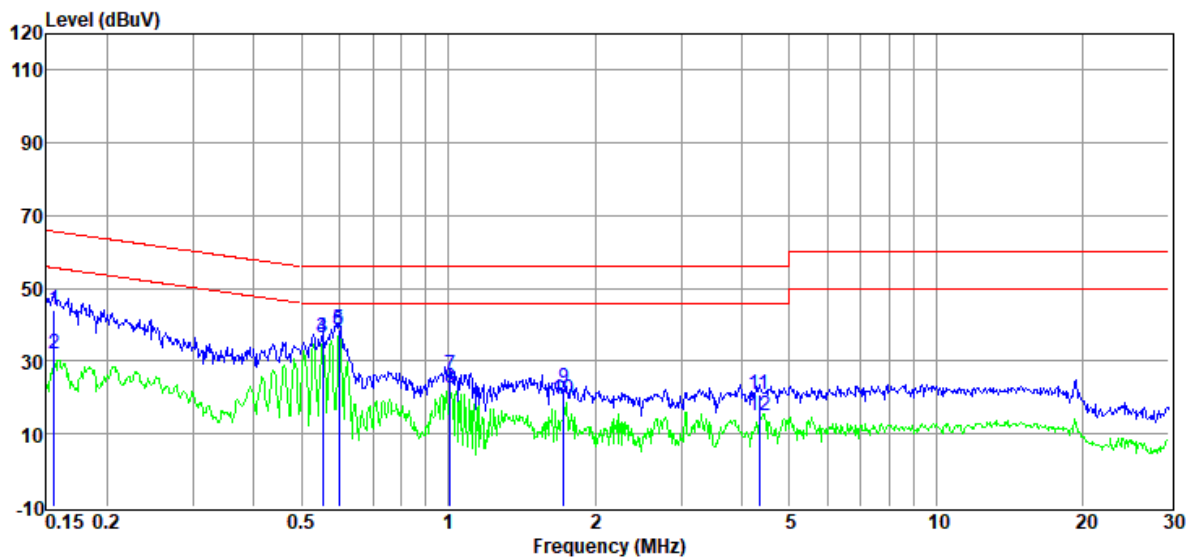
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site	: DDT 6# Shield Room	D:\2024 Report Date\Q24111411-2E\1212 CE-1.EM6
Test Date	: 2024-12-12	Tested By : Genliu
EUT	: Multi-Channel Soundbar with wireless subwoofer	Model Number : BAR 500MK2
Power Supply	: AC 120V/60Hz	Test Mode : Tx mode
Condition	: Temp:21.9°C,Humi:52.5%	LISN : 2024 ENV216 3#/NEUTRAL
Memo	: Sample Number: S24111413-008	

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	0.16	24.46	9.78	0.07	9.83	44.14	65.69	-21.55	QP	NEUTRAL
2	0.16	12.36	9.78	0.07	9.83	32.04	55.69	-23.65	Average	NEUTRAL
3	0.55	16.74	9.76	0.10	9.83	36.43	56.00	-19.57	QP	NEUTRAL
4	0.55	16.61	9.76	0.10	9.83	36.30	46.00	-9.70	Average	NEUTRAL
5	0.60	19.05	9.75	0.09	9.83	38.72	56.00	-17.28	QP	NEUTRAL
6	0.60	18.37	9.75	0.09	9.83	38.04	46.00	-7.96	Average	NEUTRAL
7	1.01	6.46	9.76	0.12	9.84	26.18	56.00	-29.82	QP	NEUTRAL
8	1.01	2.89	9.76	0.12	9.84	22.61	46.00	-23.39	Average	NEUTRAL
9	1.73	2.73	9.77	0.11	9.84	22.45	56.00	-33.55	QP	NEUTRAL
10	1.73	-0.36	9.77	0.11	9.84	19.36	46.00	-26.64	Average	NEUTRAL
11	4.34	1.30	9.79	0.10	9.85	21.04	56.00	-34.96	QP	NEUTRAL
12	4.34	-4.51	9.79	0.10	9.85	15.23	46.00	-30.77	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.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

Test Date : 2024-12-12

EUT : Multi-Channel Soundbar with wireless subwoofer

Power Supply : AC 120V/60Hz

Condition : Temp:21.9°C,Humi:52.5%

Memo : Sample Number: S24111413-008

D:\2024 Report Date\Q24111411-2E\1212 CE-1,EM6

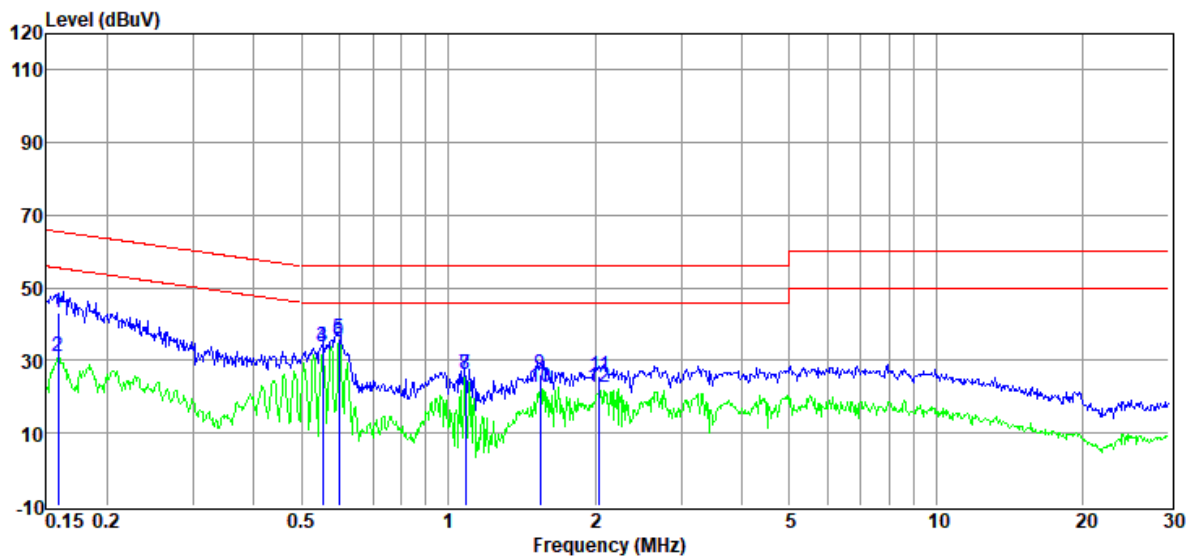
Tested By : Genliu

Model Number : BAR 500MK2

Test Mode : Tx mode

LISN : 2024 ENV216 3#/LINE

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	0.16	23.70	9.78	0.07	9.83	43.38	65.52	-22.14	QP	LINE
2	0.16	11.63	9.78	0.07	9.83	31.31	55.52	-24.21	Average	LINE
3	0.55	14.11	9.75	0.10	9.83	33.79	56.00	-22.21	QP	LINE
4	0.55	14.03	9.75	0.10	9.83	33.71	46.00	-12.29	Average	LINE
5	0.60	16.50	9.75	0.09	9.83	36.17	56.00	-19.83	QP	LINE
6	0.60	15.59	9.75	0.09	9.83	35.26	46.00	-10.74	Average	LINE
7	1.08	6.64	9.74	0.12	9.84	26.34	56.00	-29.66	QP	LINE
8	1.08	6.43	9.74	0.12	9.84	26.13	46.00	-19.87	Average	LINE
9	1.54	6.51	9.75	0.11	9.84	26.21	56.00	-29.79	QP	LINE
10	1.54	2.91	9.75	0.11	9.84	22.61	46.00	-23.39	Average	LINE
11	2.04	6.01	9.75	0.11	9.84	25.71	56.00	-30.29	QP	LINE
12	2.04	2.83	9.75	0.11	9.84	22.53	46.00	-23.47	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.

17. Photos of the EUT

Please refer to DDT-Q24111413-1E appendix I

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