

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

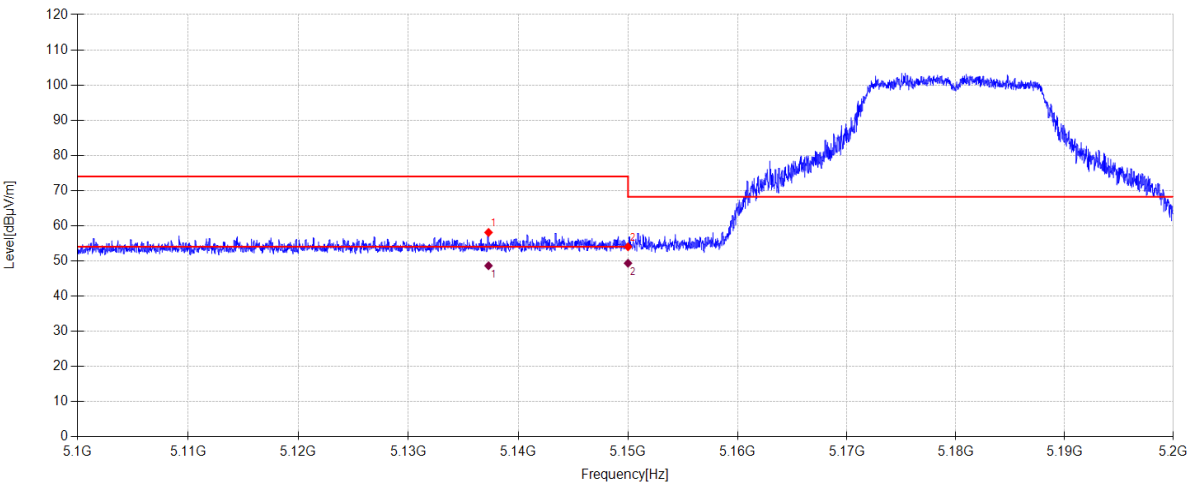
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d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\36

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	5137.290	49.01	33.40	5.27	-29.60	58.08	74.00	15.92	PK	Vertical
2	5150.000	44.94	33.40	5.28	-29.60	54.02	68.20	14.18	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	5137.290	39.56	33.40	5.27	48.63	54	5.37	AV	Vertical	
2	5150.000	40.26	33.40	5.28	49.34	54	4.66	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

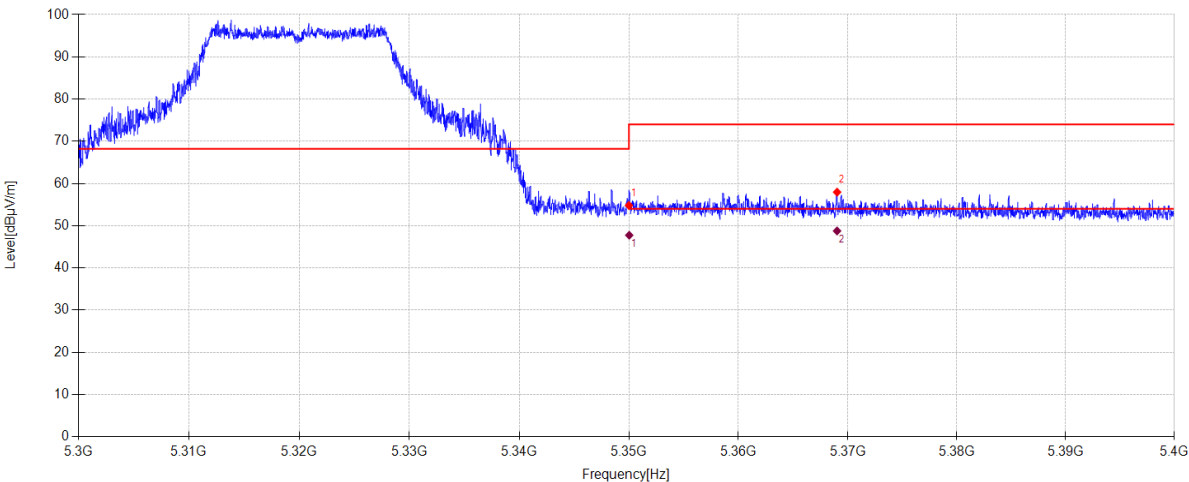
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Memo:

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	45.90	33.10	5.41	-29.60	54.81	68.20	13.39	PK	Horizontal
2	5369.030	49.03	33.10	5.42	-29.60	57.95	74.00	16.05	PK	Horizontal

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.032	38.83	33.10	5.41	47.74	54.00	6.26	AV	Horizontal
2	5369.030	39.84	33.10	5.42	48.76	54.00	5.24	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

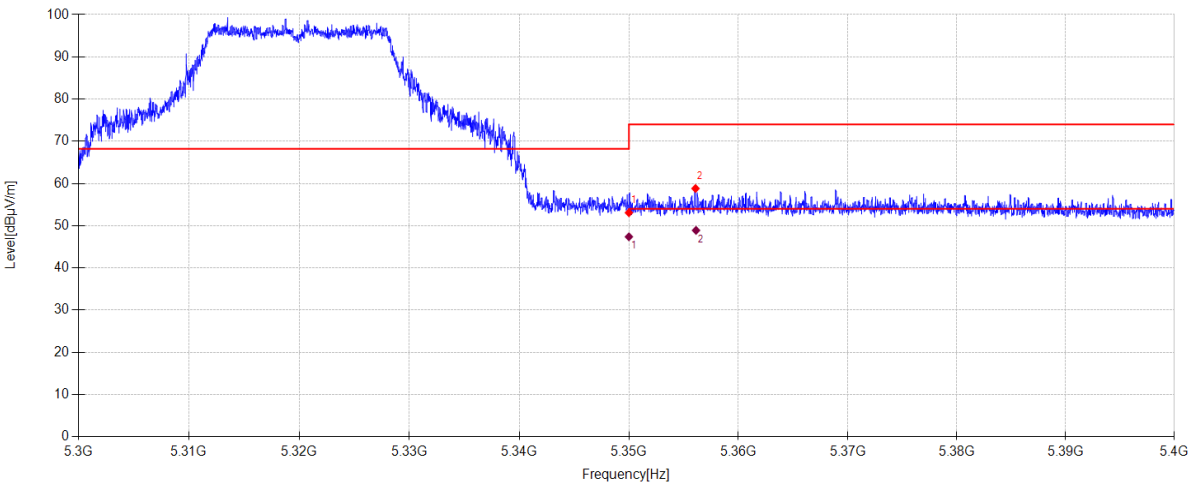
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Memo:

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	44.17	33.10	5.41	-29.60	53.08	68.20	15.12	PK	Vertical
2	5356.080	49.90	33.10	5.42	-29.60	58.82	74.00	15.18	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	38.47	33.10	5.41	47.38	54.00	6.62	AV	Vertical
2	5356.127	39.98	33.10	5.42	48.90	54.00	5.10	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

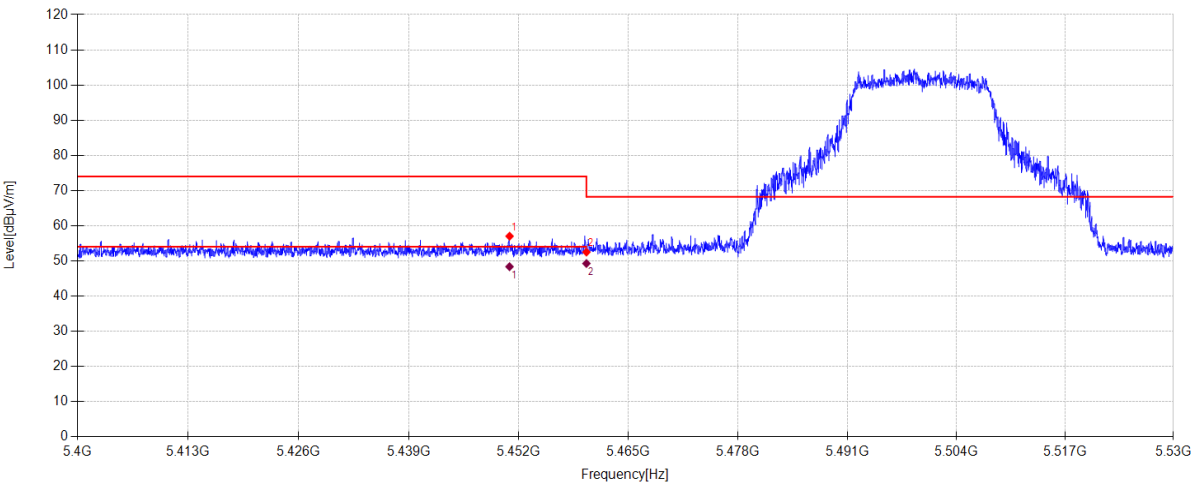
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Memo:

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	5450.895	48.14	33.00	5.48	-29.60	57.02	74.00	16.98	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	5450.895	39.48	33.00	5.48	48.36	54.00	5.64	AV	Horizontal	
2	5460.000	40.38	33.00	5.48	49.26	54.00	4.74	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

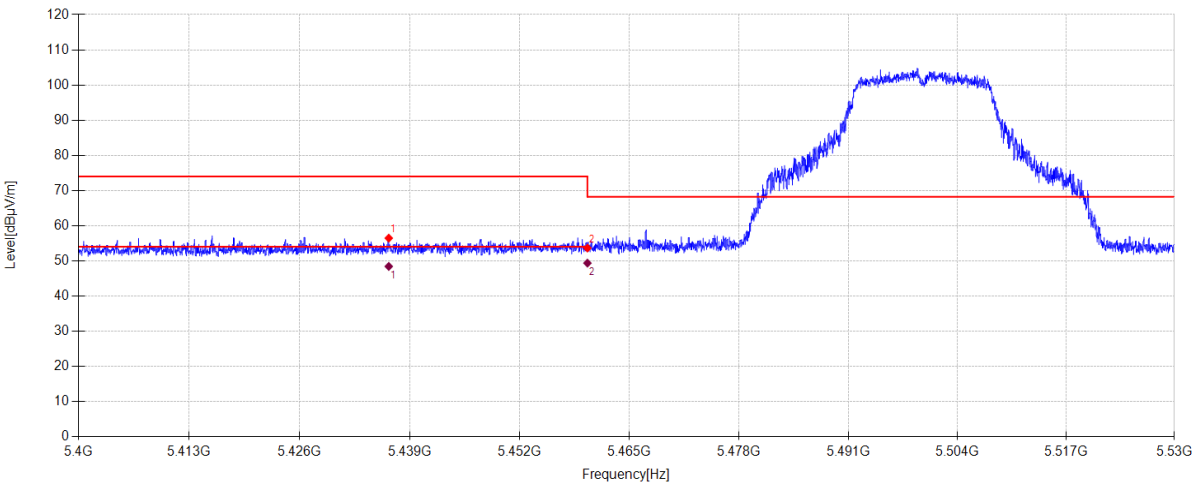
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Memo:

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	5436.504	47.57	33.03	5.47	-29.60	56.47	74.00	17.53	PK	Vertical
2	5460.000	44.77	33.00	5.48	-29.60	53.65	68.20	14.55	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5436.504	39.53	33.03	5.47	48.43	54.00	5.57	AV	Vertical	
2	5460.000	40.49	33.00	5.48	49.37	54.00	4.63	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

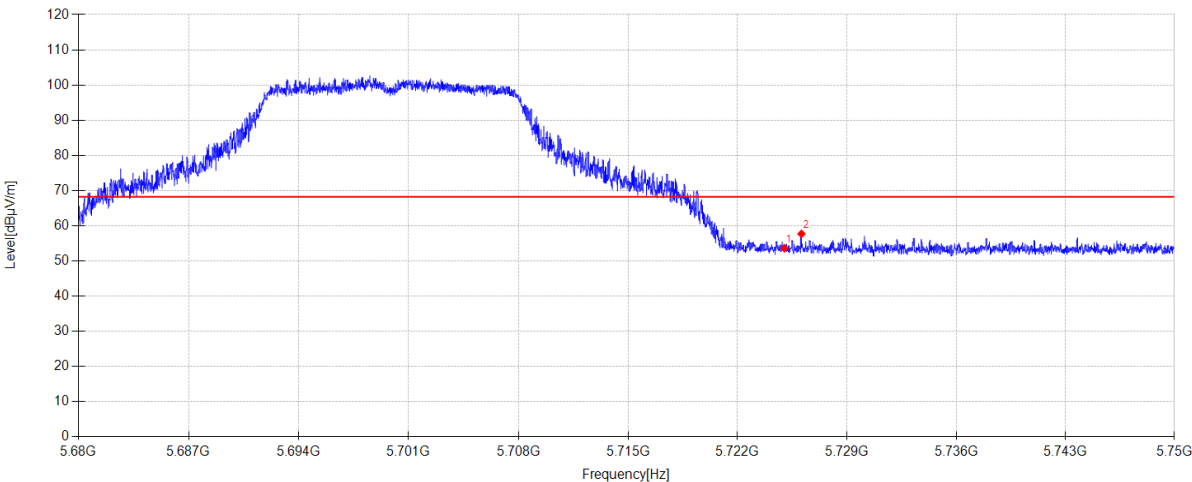
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Memo:

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	43.77	33.75	5.66	-29.60	53.58	68.20	14.62	PK	Horizontal
2	5726.088	47.87	33.76	5.66	-29.60	57.69	68.20	10.51	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

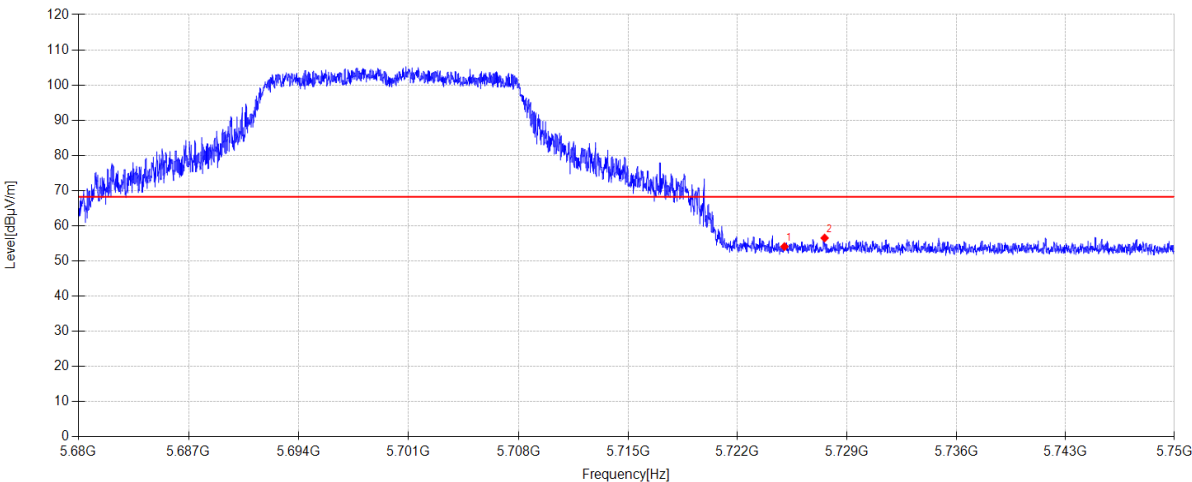
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Memo:

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	44.26	33.75	5.66	-29.60	54.07	68.20	14.13	PK	Vertical
2	5727.572	46.67	33.77	5.66	-29.60	56.50	68.20	11.70	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 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

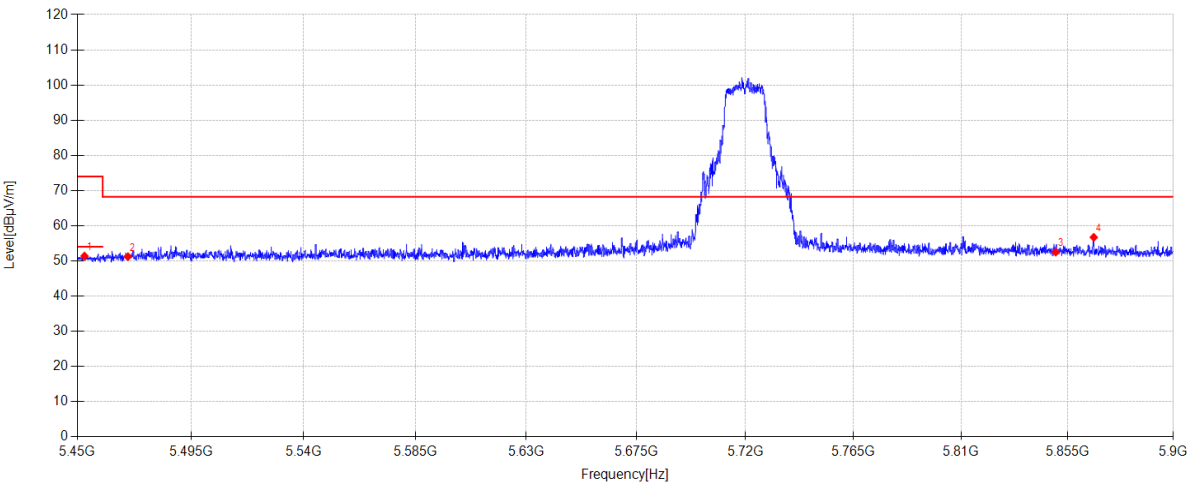
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Memo:

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	5452.835	42.50	33.00	5.48	-29.60	51.38	74.00	22.62	PK	Horizontal
2	5470.000	42.32	33.00	5.49	-29.60	51.21	68.20	16.99	PK	Horizontal
3	5850.000	42.36	34.00	5.74	-29.60	52.50	68.20	15.70	PK	Horizontal
4	5866.115	46.53	34.03	5.75	-29.60	56.71	68.20	11.49	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 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

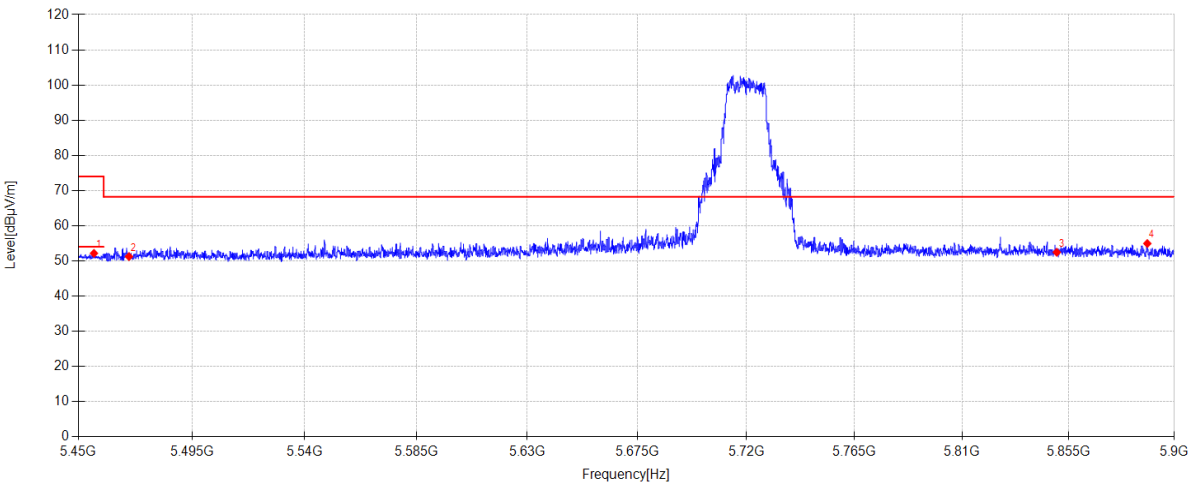
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Memo:

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	5456.165	43.27	33.00	5.48	-29.60	52.15	74.00	21.85	PK	Vertical
2	5470.000	42.34	33.00	5.49	-29.60	51.23	68.20	16.97	PK	Vertical
3	5850.000	42.32	34.00	5.74	-29.60	52.46	68.20	15.74	PK	Vertical
4	5888.480	44.69	34.08	5.77	-29.60	54.94	68.20	13.26	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

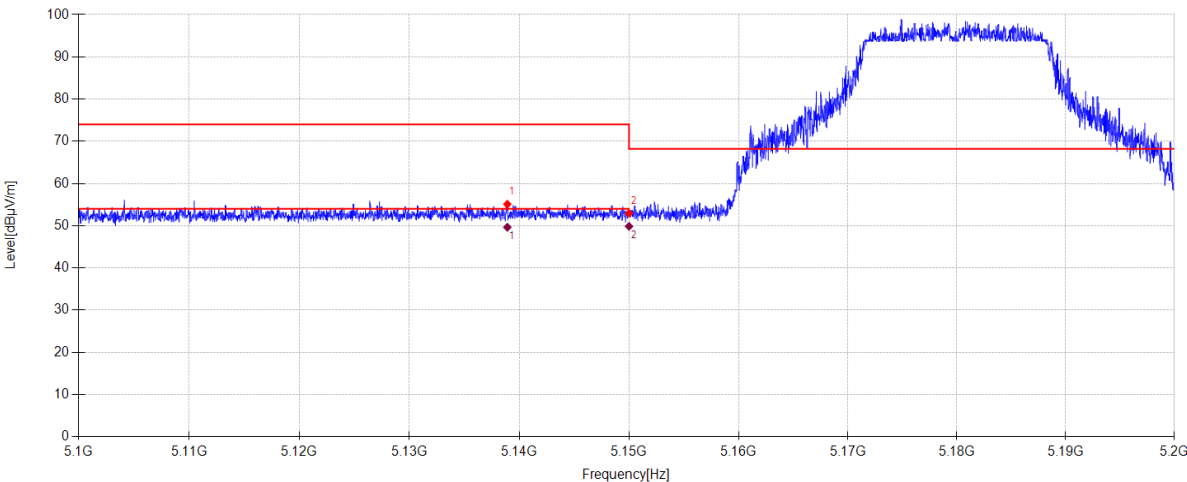
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Memo:

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	5138.910	46.03	33.40	5.27	-29.60	55.10	74.00	18.90	PK	Horizontal
2	5150.000	43.86	33.40	5.28	-29.60	52.94	68.20	15.26	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5138.910	40.56	33.40	5.27	49.63	54.00	4.37	AV	Horizontal	
2	5150.000	40.78	33.40	5.28	49.86	54.00	4.14	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

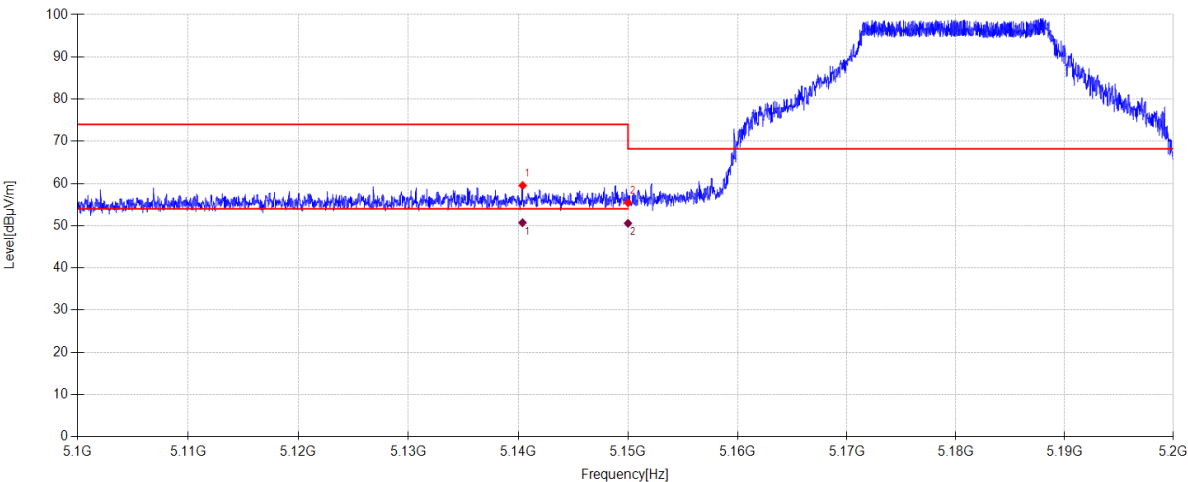
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Memo:

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	5140.400	50.45	33.40	5.27	-29.60	59.52	74.00	14.48	PK	Vertical
2	5150.000	46.36	33.40	5.28	-29.60	55.44	68.20	12.76	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	5140.386	41.65	33.40	5.27	50.72	54.00	3.28	AV	Vertical	
2	5150.000	41.49	33.40	5.28	50.57	54.00	3.43	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

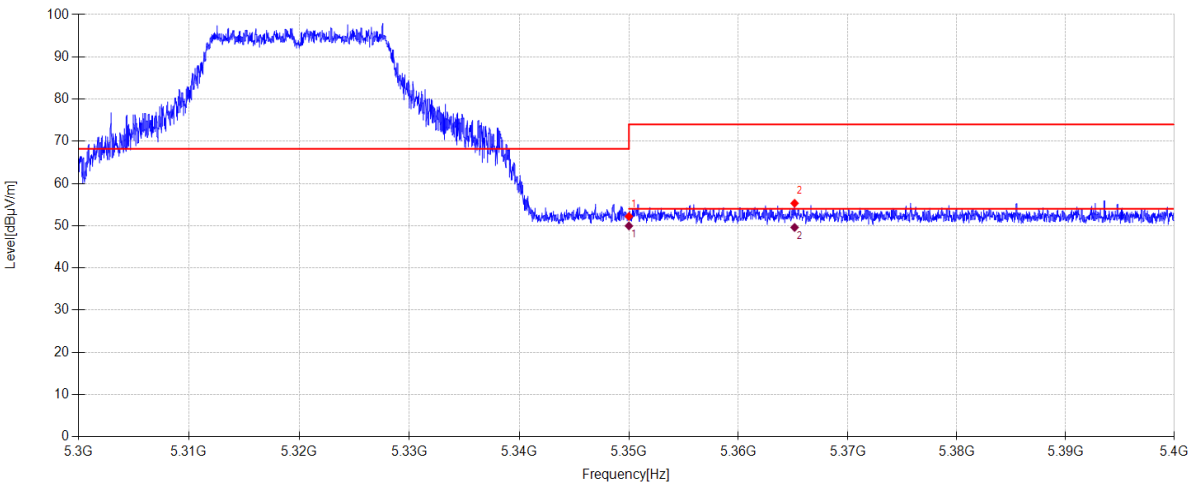
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Memo:

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	43.29	33.10	5.41	-29.60	52.20	68.20	16.00	PK	Horizontal
2	5365.140	46.40	33.10	5.42	-29.60	55.32	74.00	18.68	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	41.05	33.10	5.41	49.96	54.00	4.04	AV	Horizontal	
2	5365.140	40.68	33.10	5.42	49.60	54.00	4.40	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

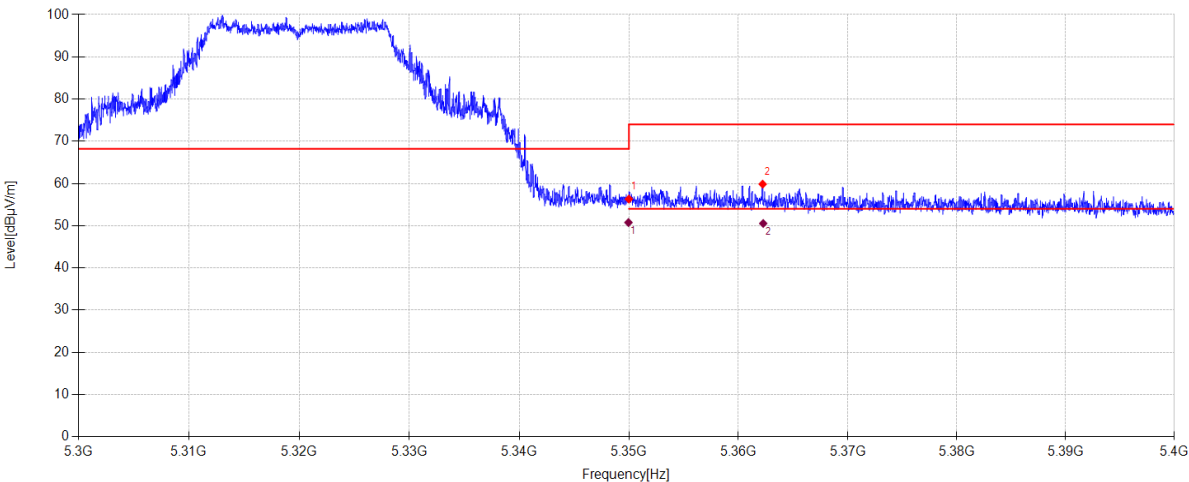
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Memo:

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	47.41	33.10	5.41	-29.60	56.32	68.20	11.88	PK	Vertical
2	5362.220	50.93	33.10	5.42	-29.60	59.85	74.00	14.15	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	5349.961	41.85	33.10	5.41	50.76	54.00	3.24	AV	Vertical	
2	5362.269	41.62	33.10	5.42	50.54	54.00	3.46	AV	Vertical	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

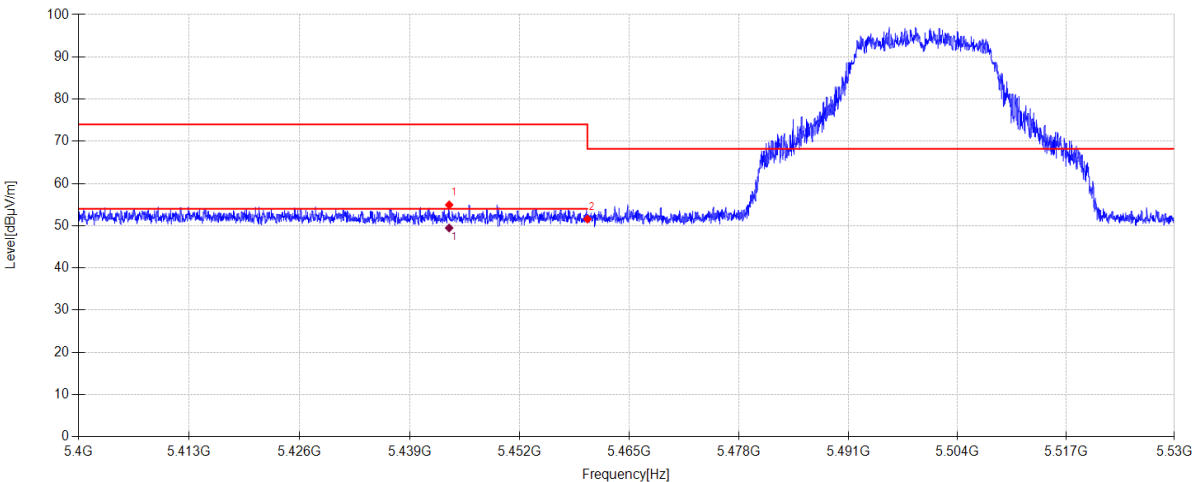
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Memo:

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	5443.641	46.06	33.01	5.47	-29.60	54.94	74.00	19.06	PK	Horizontal
2	5460.000	42.69	33.00	5.48	-29.60	51.57	68.20	16.63	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5443.641	40.59	33.01	5.47	49.47	54.00	4.53	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

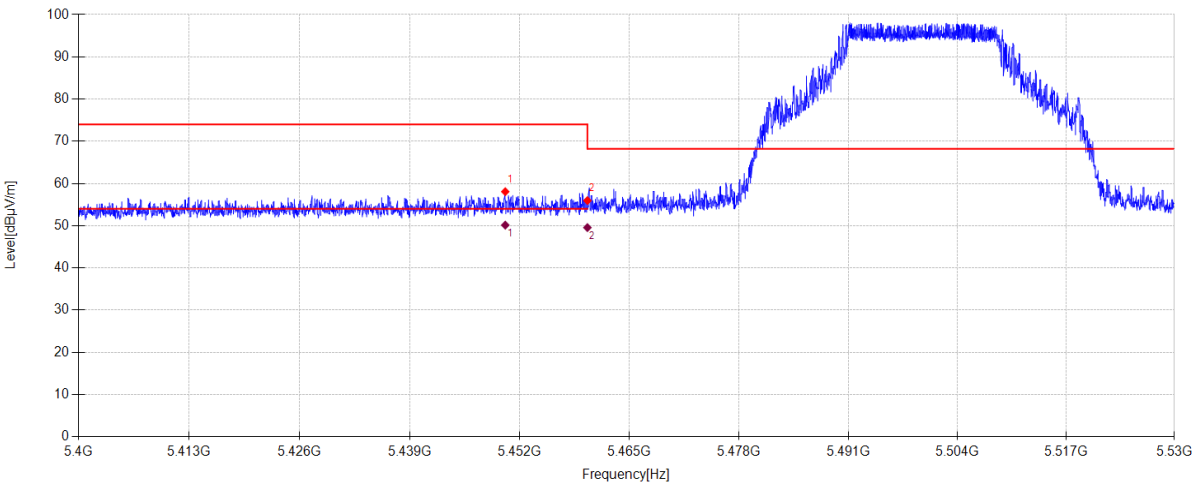
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\48

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	5450.271	49.19	33.00	5.48	-29.60	58.07	74.00	15.93	PK	Vertical
2	5460.000	47.08	33.00	5.48	-29.60	55.96	68.20	12.24	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5450.271	41.26	33.00	5.48	50.14	54.00	3.86	AV	Vertical	
2	5460.000	40.68	33.00	5.48	49.56	54.00	4.44	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

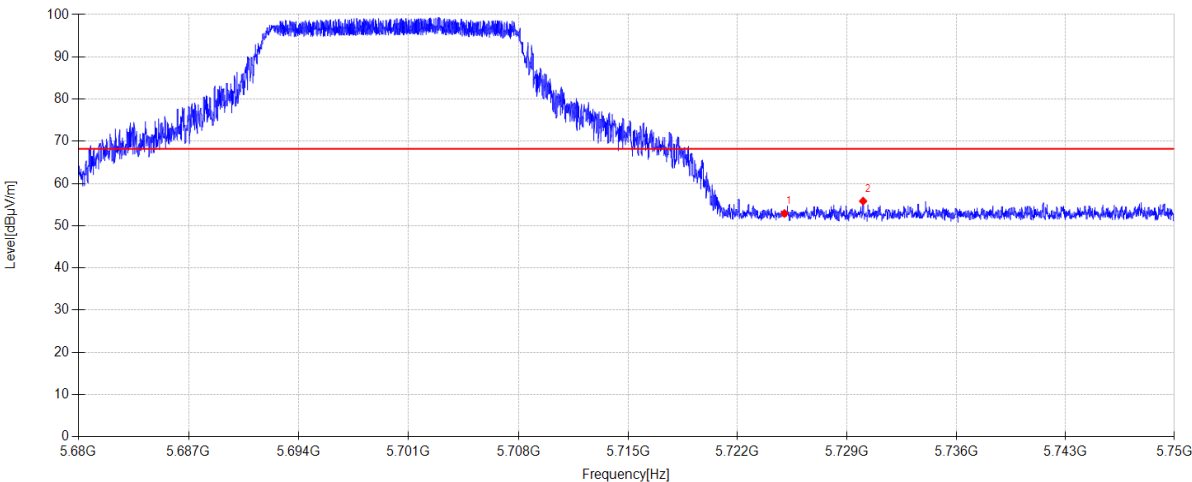
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Memo:

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	43.09	33.75	5.66	-29.60	52.90	68.20	15.30	PK	Horizontal
2	5730.036	45.98	33.78	5.66	-29.60	55.82	68.20	12.38	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

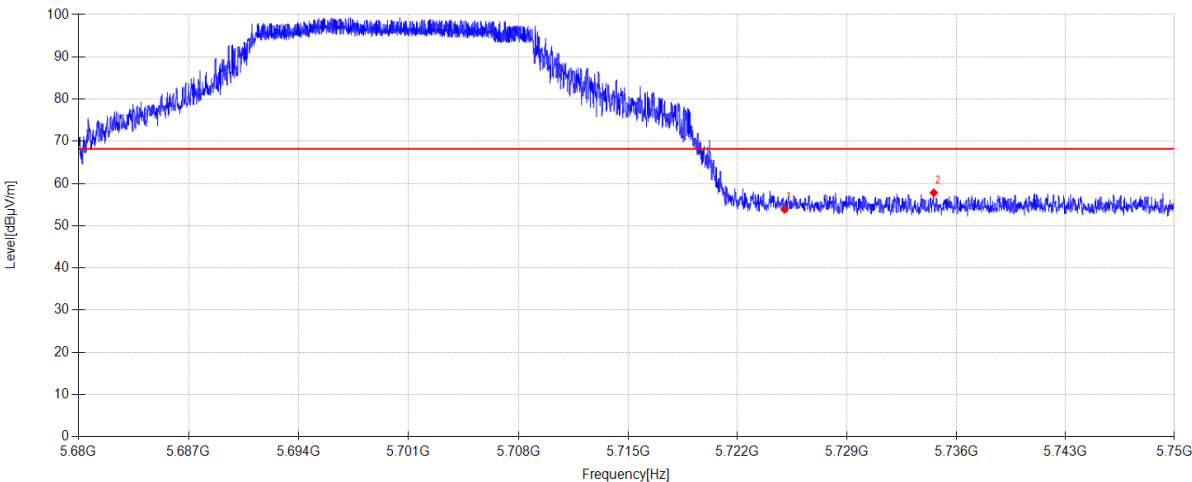
File Path:

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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	5725.000	44.07	33.75	5.66	-29.60	53.88	68.20	14.32	PK	Vertical
2	5734.565	47.95	33.81	5.66	-29.60	57.82	68.20	10.38	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:

ANT2 11A 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

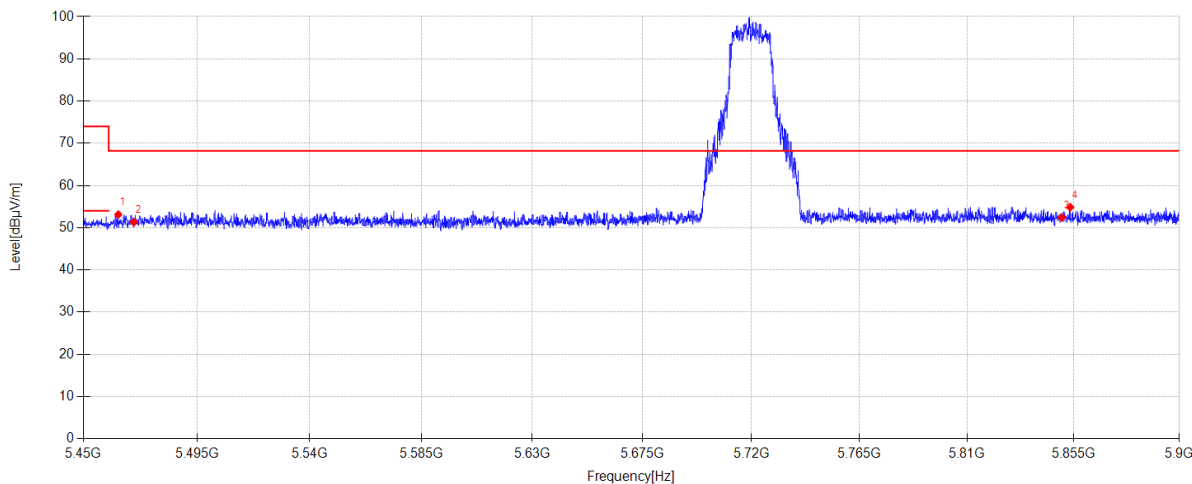
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d:\ts\2024 report data\BAR500\KUAYUE\3

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	5463.815	44.23	33.00	5.49	-29.60	53.12	68.20	15.08	PK	Horizontal
2	5470.000	42.43	33.00	5.49	-29.60	51.32	68.20	16.88	PK	Horizontal
3	5850.000	42.27	34.00	5.74	-29.60	52.41	68.20	15.79	PK	Horizontal
4	5853.560	44.71	34.01	5.74	-29.60	54.86	68.20	13.34	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

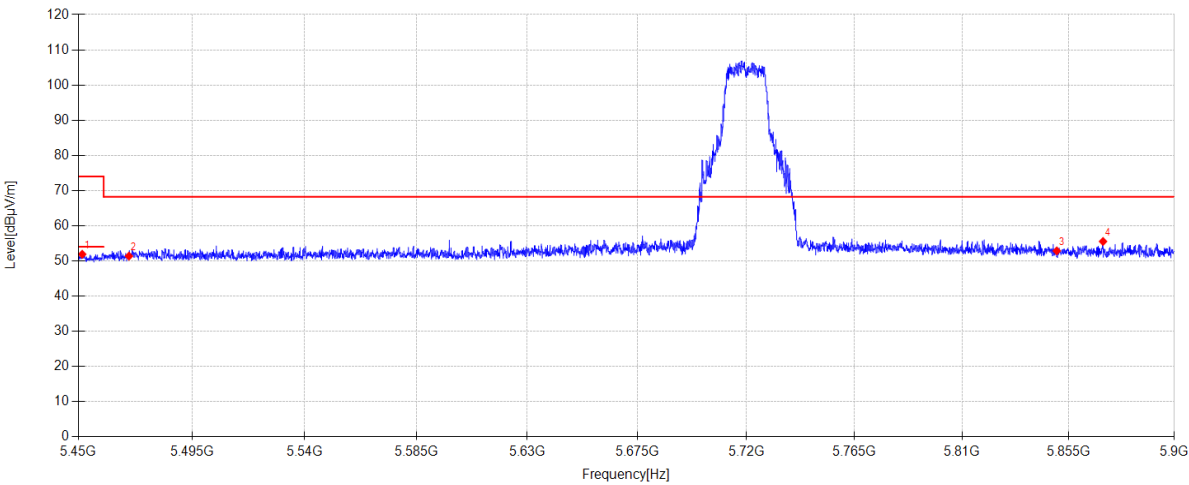
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Memo:

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	5451.530	43.01	33.00	5.48	-29.60	51.89	74.00	22.11	PK	Vertical
2	5470.000	42.47	33.00	5.49	-29.60	51.36	68.20	16.84	PK	Vertical
3	5850.000	42.71	34.00	5.74	-29.60	52.85	68.20	15.35	PK	Vertical
4	5869.625	45.34	34.04	5.75	-29.60	55.53	68.20	12.67	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

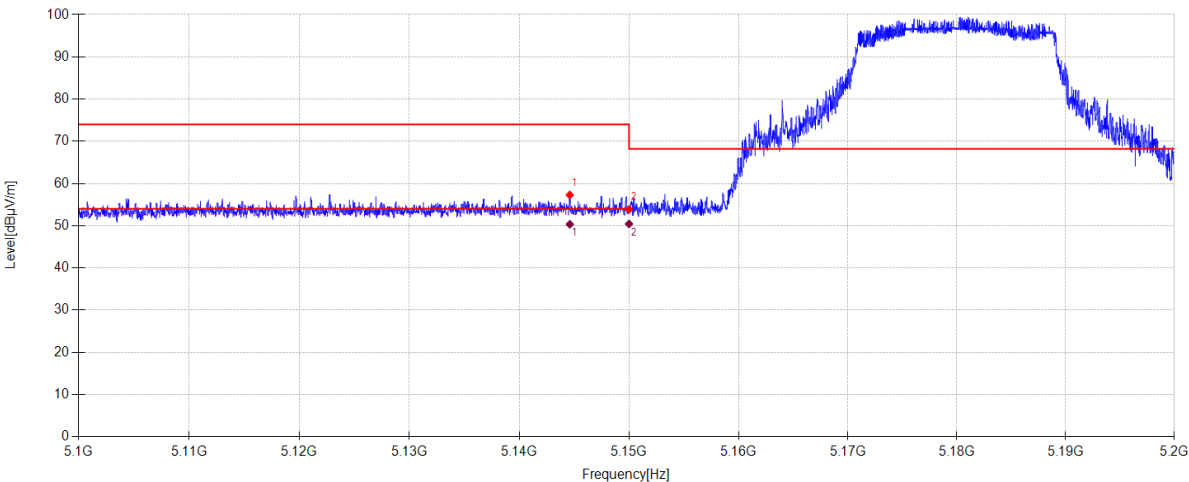
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Memo:

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	5144.600	48.19	33.40	5.28	-29.60	57.27	74.00	16.73	PK	Horizontal
2	5150.000	44.78	33.40	5.28	-29.60	53.86	68.20	14.34	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	5144.600	41.26	33.40	5.28	50.34	54.00	3.66	AV	Horizontal	
2	5150.000	41.35	33.40	5.28	50.43	54	3.57	AV	Horizontal	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

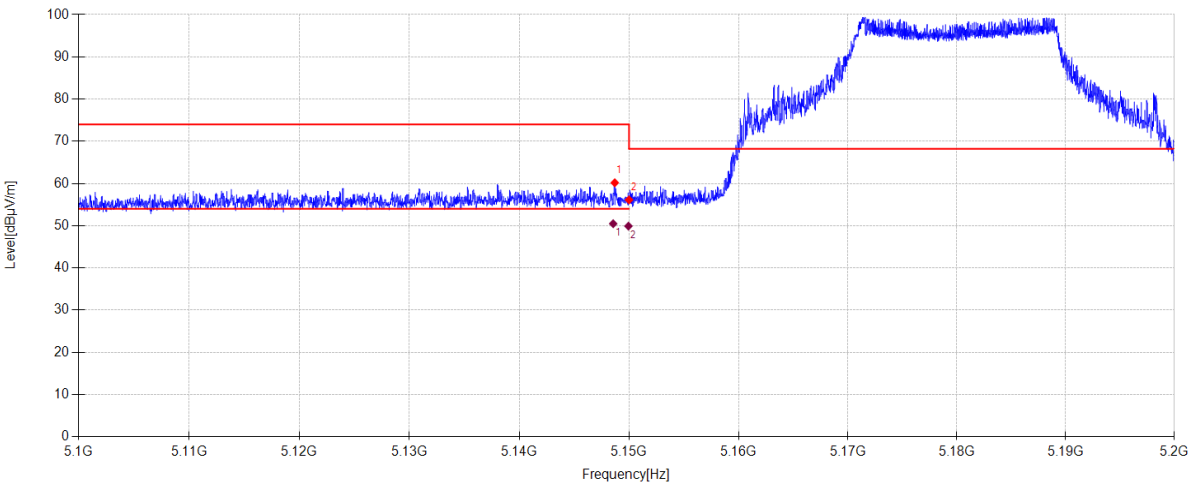
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Memo:

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	5148.700	51.09	33.40	5.28	-29.60	60.17	74.00	13.83	PK	Vertical
2	5150.000	47.05	33.40	5.28	-29.60	56.13	68.20	12.07	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5148.558	41.40	33.40	5.28	50.48	54	3.52	AV	Vertical	
2	5149.950	40.83	33.40	5.28	49.91	54	4.09	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

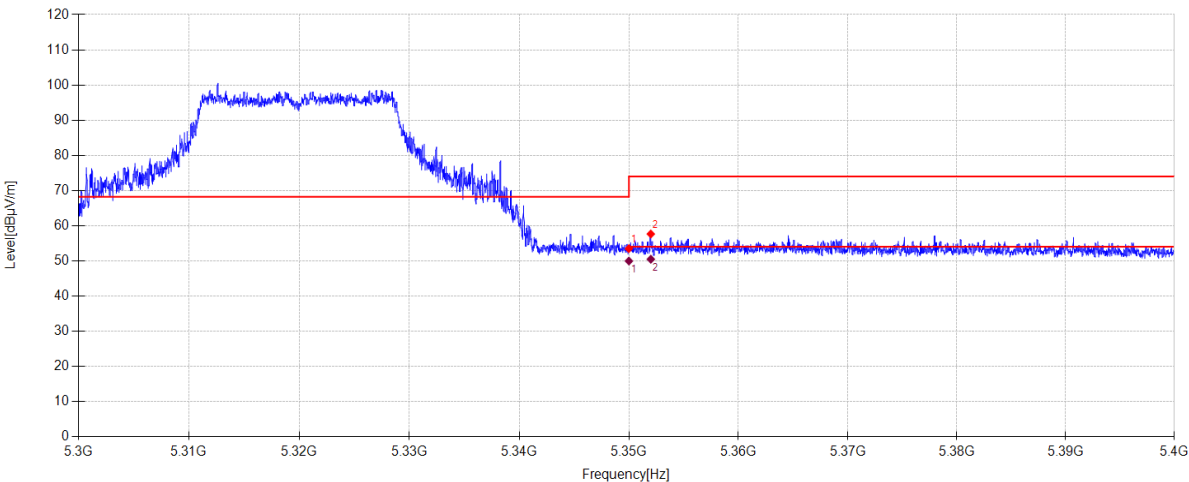
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Memo:

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	44.58	33.10	5.41	-29.60	53.49	68.20	14.71	PK	Horizontal
2	5352.000	48.74	33.10	5.41	-29.60	57.65	74.00	16.35	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	41.05	33.10	5.41	49.96	54.00	4.04	AV	Horizontal	
2	5352.000	41.56	33.10	5.41	50.47	54.00	3.53	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

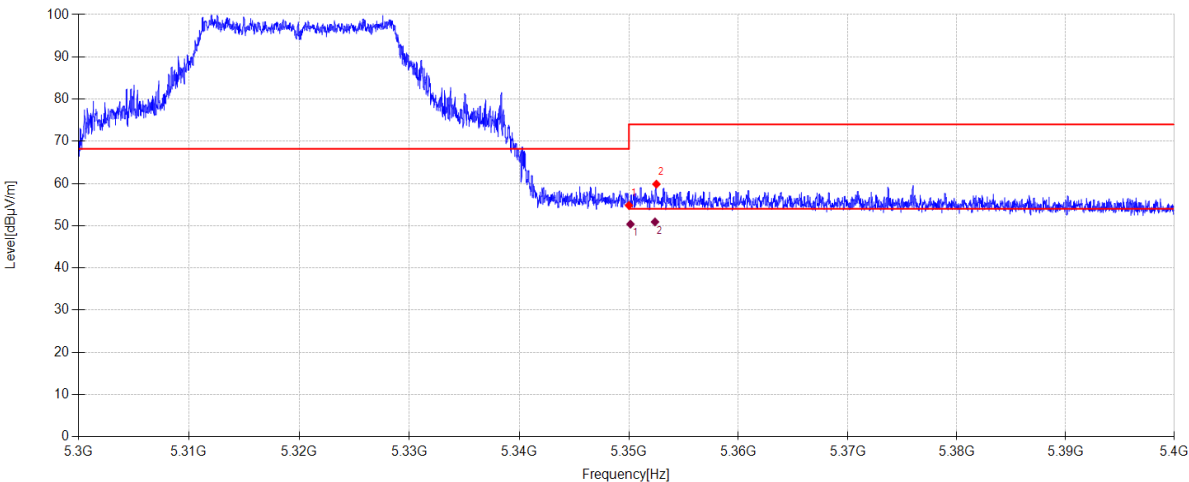
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Memo:

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	45.89	33.10	5.41	-29.60	54.80	68.20	13.40	PK	Vertical
2	5352.510	50.94	33.10	5.41	-29.60	59.85	74.00	14.15	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	5350.142	41.46	33.10	5.41	50.37	54	3.63	AV	Vertical	
2	5352.382	41.99	33.10	5.41	50.90	54	3.10	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

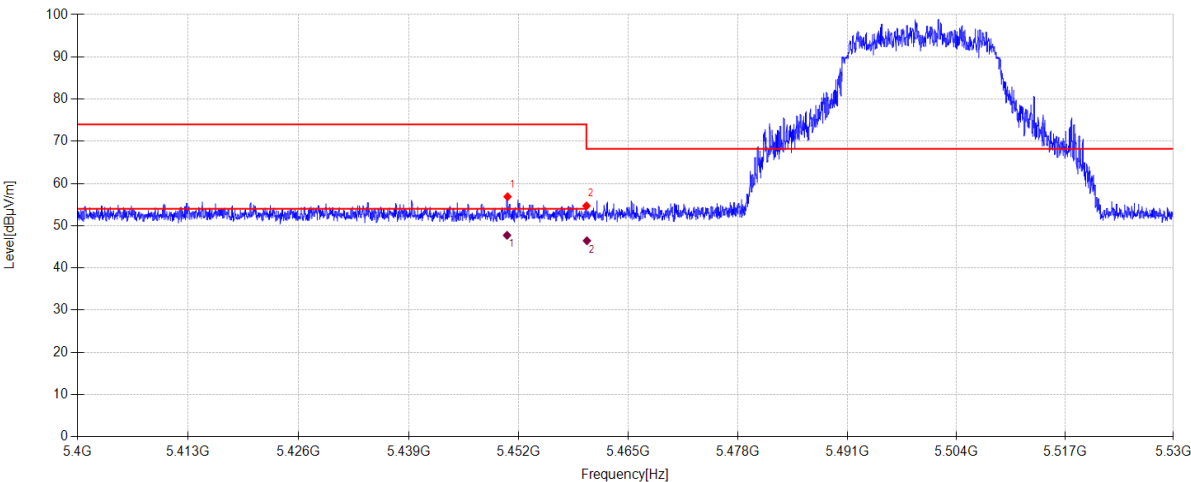
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Memo:

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	5450.661	48.00	33.00	5.48	-29.60	56.88	74.00	17.12	PK	Horizontal
2	5460.000	45.82	33.00	5.48	-29.60	54.70	68.20	13.50	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	5450.598	38.85	33.00	5.48	47.73	54	6.27	AV	Horizontal	
2	5460.056	37.56	33.00	5.48	46.44	54	7.56	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

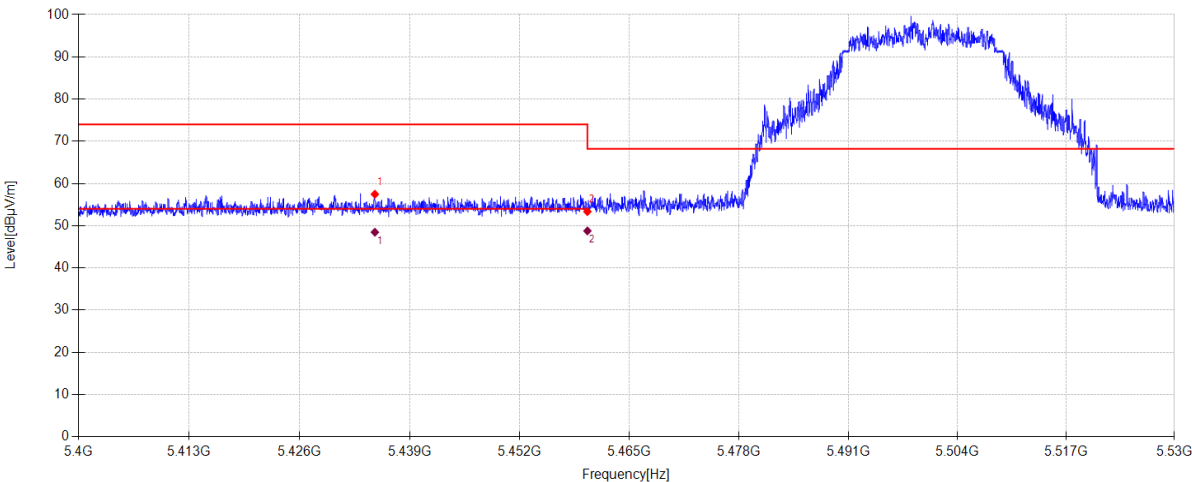
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Memo:

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	5434.866	48.56	33.03	5.47	-29.60	57.46	74.00	16.54	PK	Vertical
2	5460.000	44.46	33.00	5.48	-29.60	53.34	68.20	14.86	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.866	39.56	33.03	5.47	48.46	54	5.54	AV	Vertical
2	5460.000	39.89	33.00	5.48	48.77	54	5.23	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

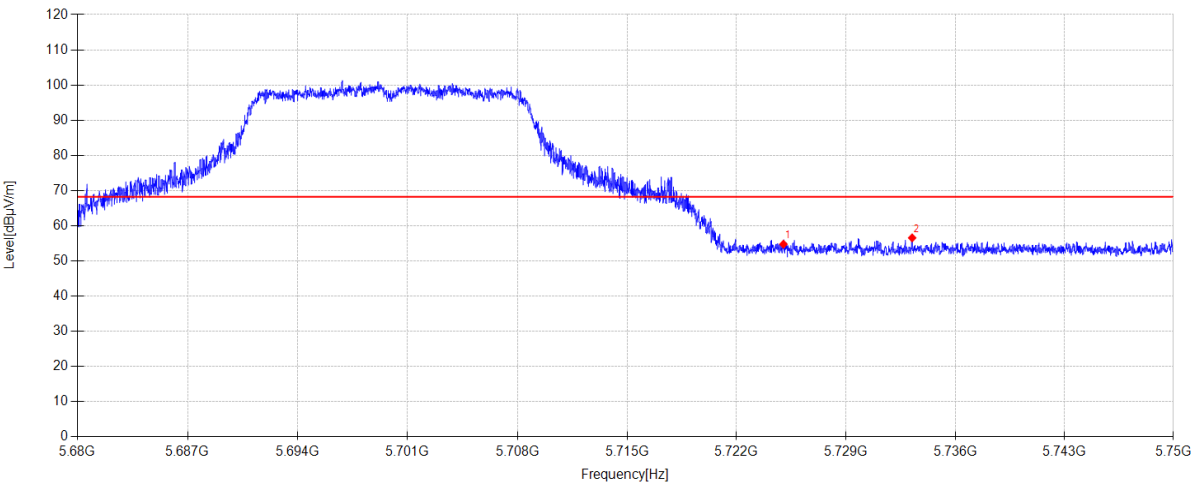
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Memo:

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	44.95	33.75	5.66	-29.60	54.76	68.20	13.44	PK	Horizontal
2	5733.242	46.69	33.80	5.66	-29.60	56.55	68.20	11.65	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

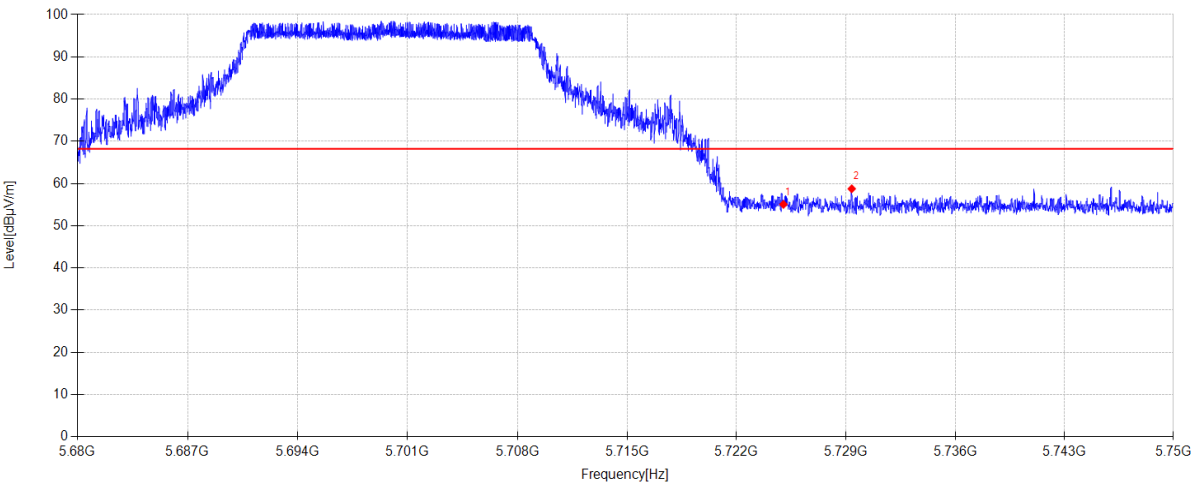
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\58

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	45.25	33.75	5.66	-29.60	55.06	68.20	13.14	PK	Vertical
2	5729.371	48.91	33.78	5.66	-29.60	58.75	68.20	9.45	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11N20 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

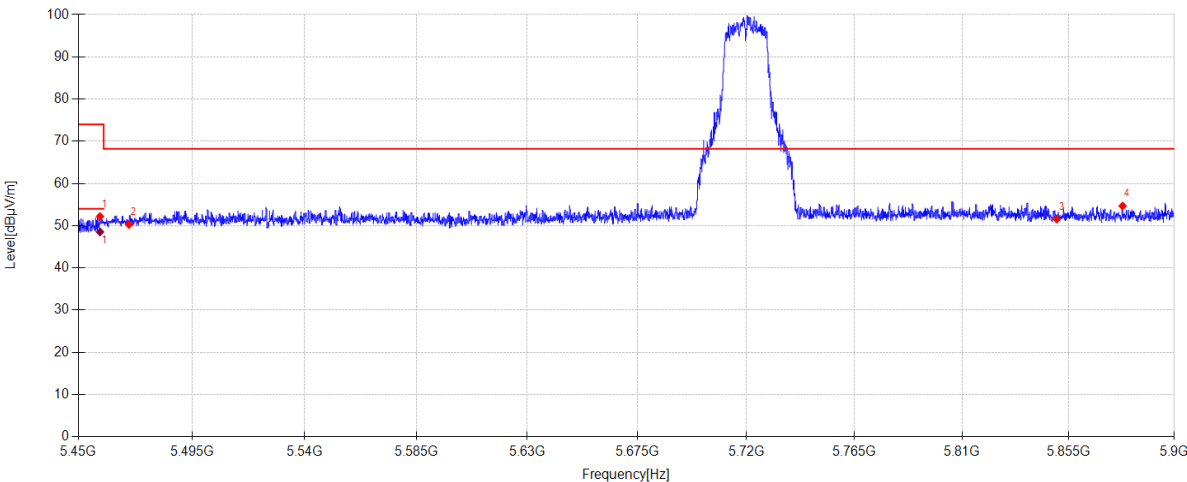
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d:\ts\2024 report data\BAR500\KUAYUE\5

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	5458.550	43.32	33.00	5.48	-29.60	52.20	74.00	21.80	PK	Horizontal
2	5470.000	41.41	33.00	5.49	-29.60	50.30	68.20	17.90	PK	Horizontal
3	5850.000	41.42	34.00	5.74	-29.60	51.56	68.20	16.64	PK	Horizontal
4	5877.950	44.46	34.06	5.76	-29.60	54.68	68.20	13.52	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.550	39.65	33.00	5.48	48.53	54	5.47	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11N20 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

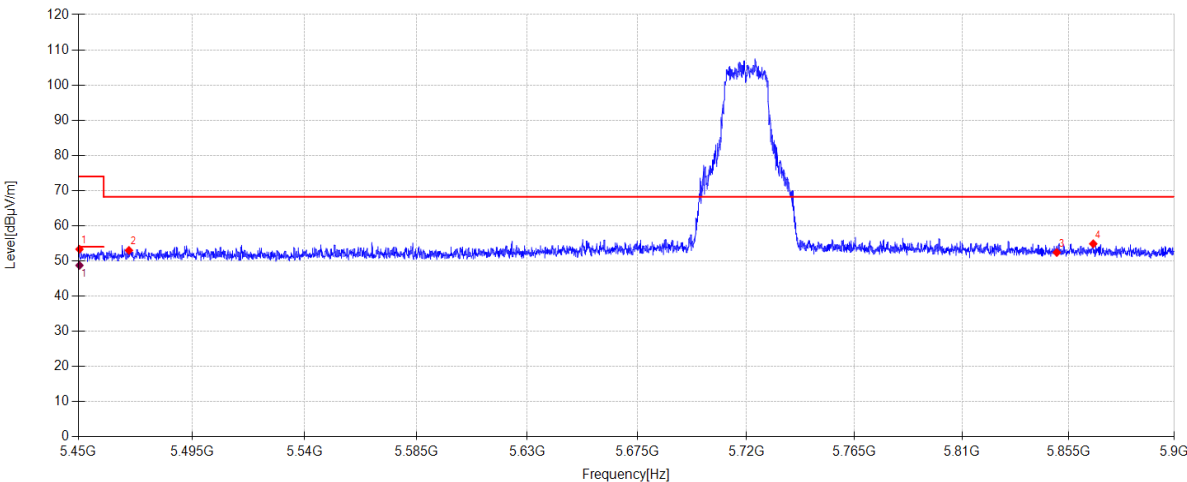
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Memo:

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	5450.450	44.44	33.00	5.48	-29.60	53.32	74.00	20.68	PK	Vertical
2	5470.000	44.10	33.00	5.49	-29.60	52.99	68.20	15.21	PK	Vertical
3	5850.000	42.25	34.00	5.74	-29.60	52.39	68.20	15.81	PK	Vertical
4	5865.485	44.68	34.03	5.75	-29.60	54.86	68.20	13.34	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.450	39.84	33.00	5.48	48.72	54	5.28	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5190 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

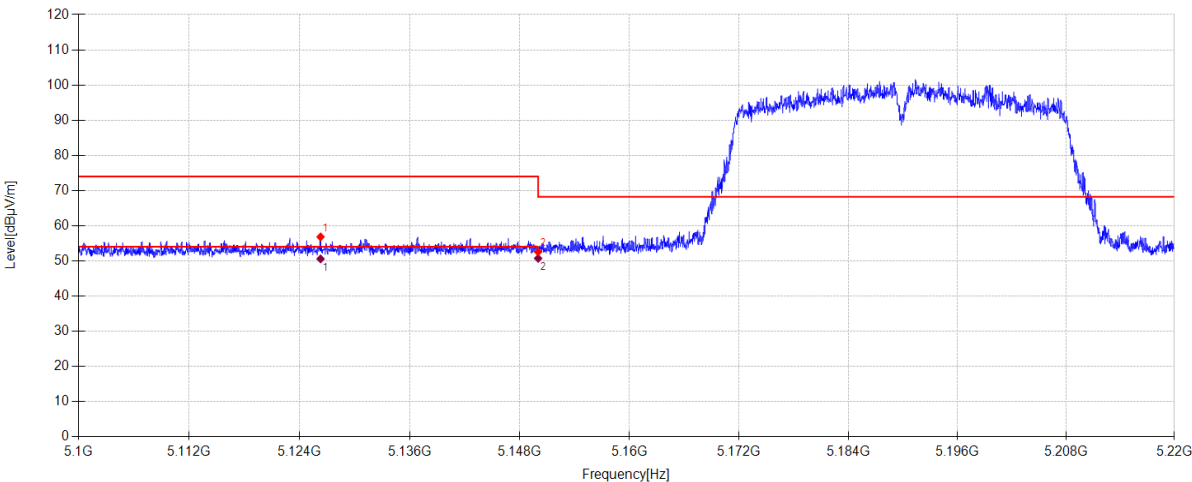
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Memo:

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	5126.280	47.77	33.40	5.26	-29.60	56.83	74.00	17.17	PK	Horizontal
2	5150.000	43.49	33.40	5.28	-29.60	52.57	68.20	15.63	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	5126.280	41.51	33.40	5.26	50.57	54.00	3.43	AV	Horizontal	
2	5150.000	41.65	33.40	5.28	50.73	54.00	3.27	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5190 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

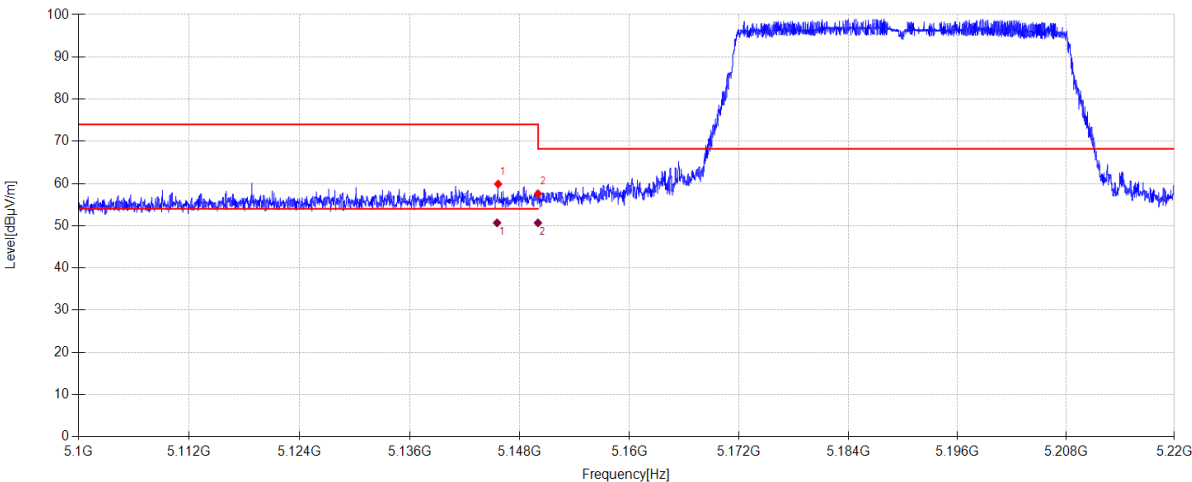
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Memo:

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	5145.636	50.79	33.40	5.28	-29.60	59.87	74.00	14.13	PK	Vertical
2	5150.000	48.49	33.40	5.28	-29.60	57.57	68.20	10.63	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5145.515	41.61	33.40	5.28	50.69	54	3.31	AV	Vertical	
2	5149.979	41.59	33.40	5.28	50.67	54	3.33	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

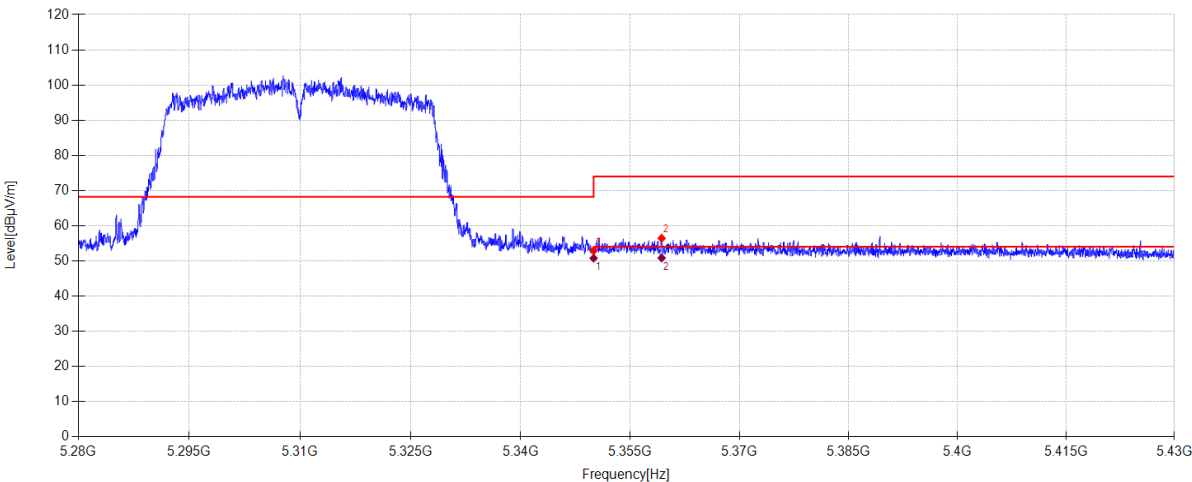
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Memo:

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	43.99	33.10	5.41	-29.60	52.90	68.20	15.30	PK	Horizontal
2	5359.305	47.51	33.10	5.42	-29.60	56.43	74.00	17.57	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	41.86	33.10	5.41	50.77	54.00	3.23	AV	Horizontal	
2	5359.305	41.92	33.10	5.42	50.84	54.00	3.16	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

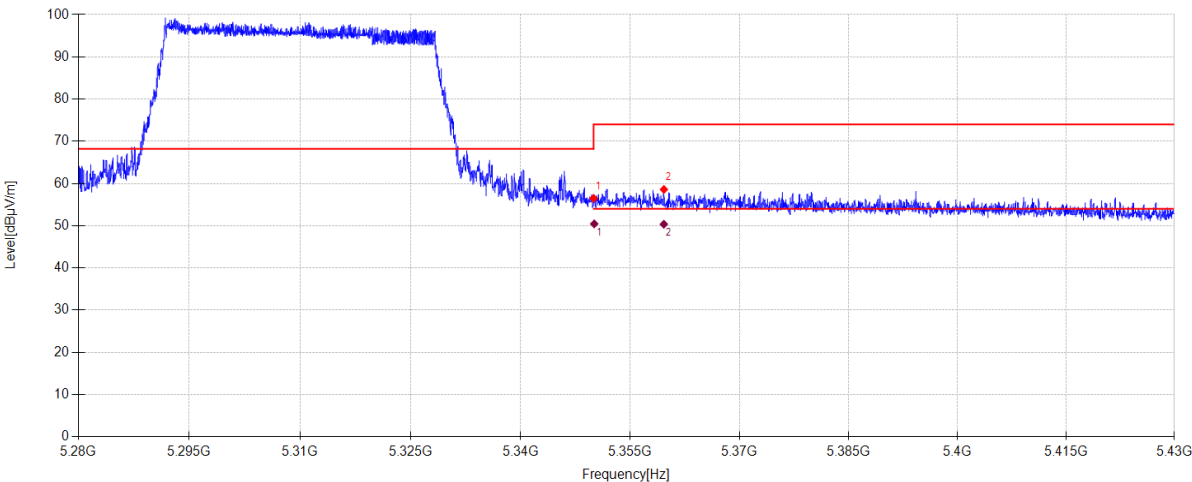
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Memo:

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	47.56	33.10	5.41	-29.60	56.47	68.20	11.73	PK	Vertical
2	5359.620	49.67	33.10	5.42	-29.60	58.59	74.00	15.41	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	5350.080	41.53	33.10	5.41	50.44	54.00	3.56	AV	Vertical	
2	5359.610	41.43	33.10	5.42	50.35	54.00	3.65	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

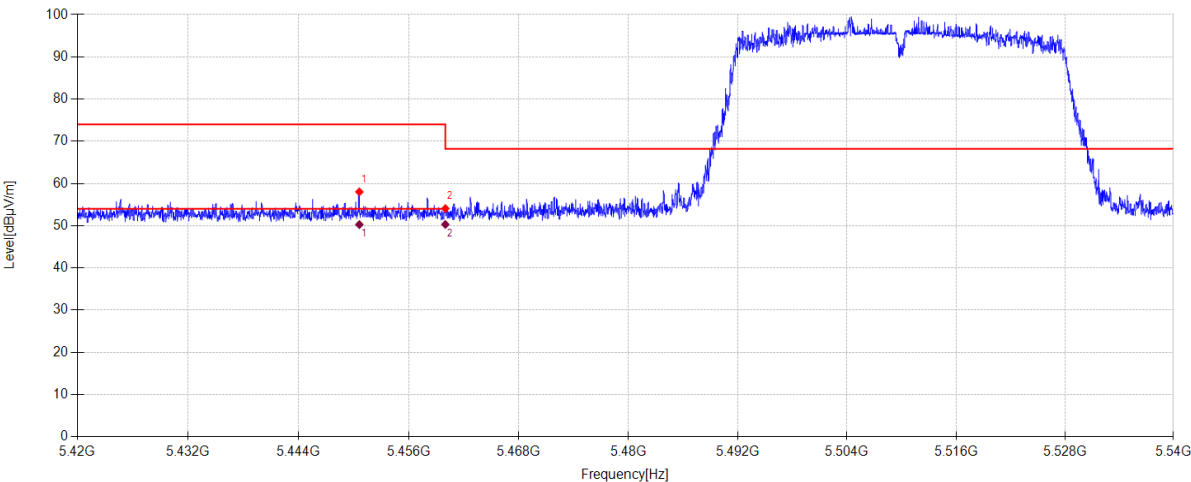
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Memo:

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	5450.624	49.15	33.00	5.48	-29.60	58.03	74.00	15.97	PK	Horizontal
2	5460.000	45.19	33.00	5.48	-29.60	54.07	68.20	14.13	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5450.624	41.39	33.00	5.48	50.27	54.00	3.73	AV	Horizontal	
2	5460.000	41.42	33.00	5.48	50.30	54.00	3.70	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

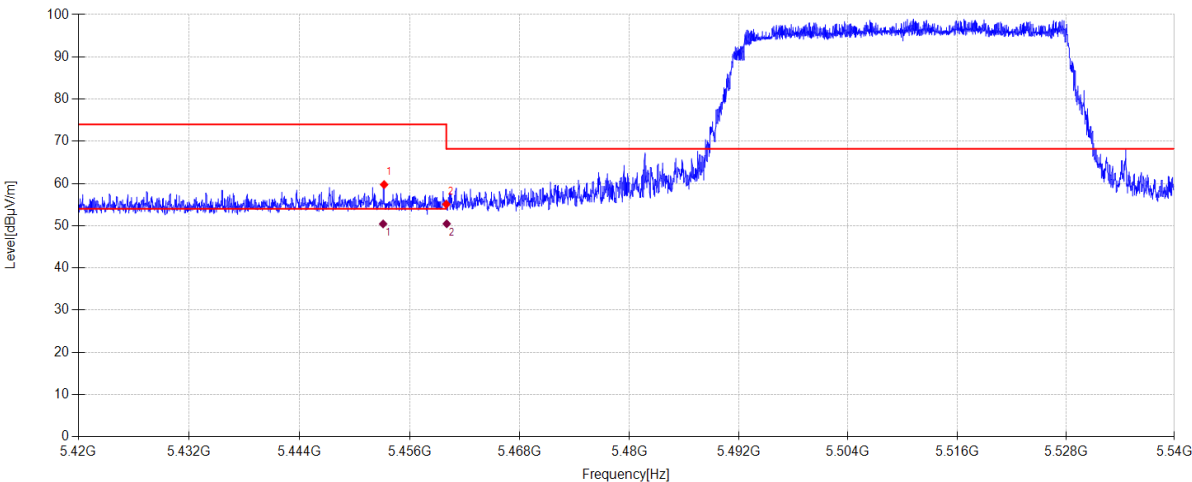
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Memo:

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	5453.216	50.86	33.00	5.48	-29.60	59.74	74.00	14.26	PK	Vertical
2	5460.000	46.21	33.00	5.48	-29.60	55.09	68.20	13.11	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.107	41.55	33.00	5.48	50.43	54.00	3.57	AV	Vertical
2	5460.042	41.58	33.00	5.48	50.46	54.00	3.54	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

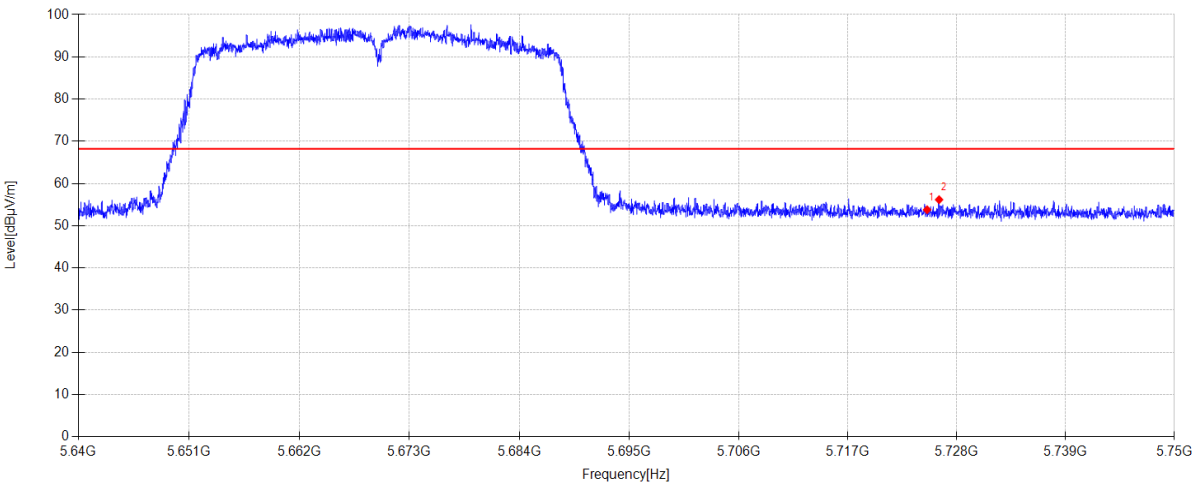
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Memo:

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	43.98	33.75	5.66	-29.60	53.79	68.20	14.41	PK	Horizontal
2	5726.207	46.35	33.76	5.66	-29.60	56.17	68.20	12.03	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

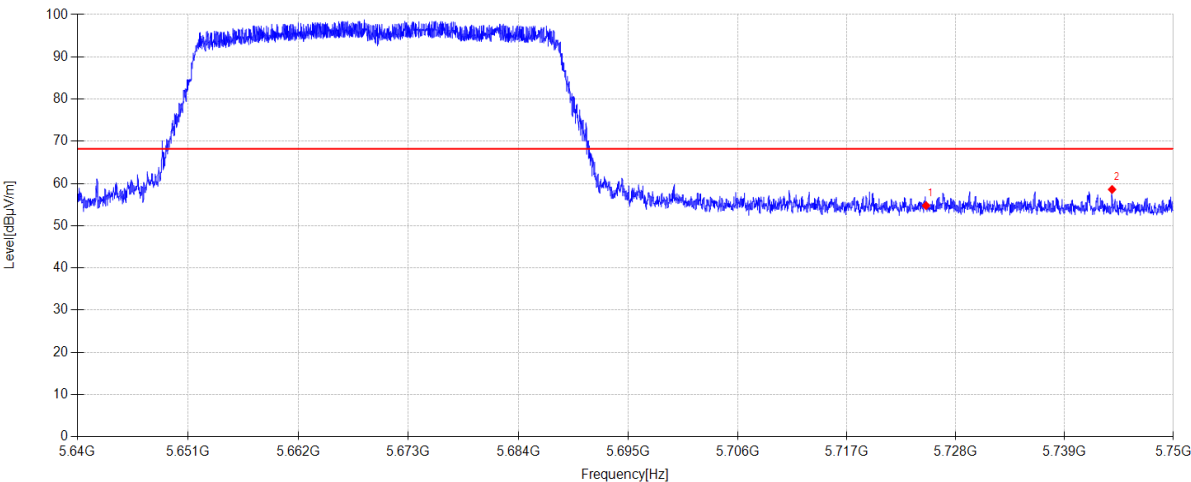
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Memo:

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	44.95	33.75	5.66	-29.60	54.76	68.20	13.44	PK	Vertical
2	5743.796	48.66	33.86	5.67	-29.60	58.59	68.20	9.61	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11N40 5710 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

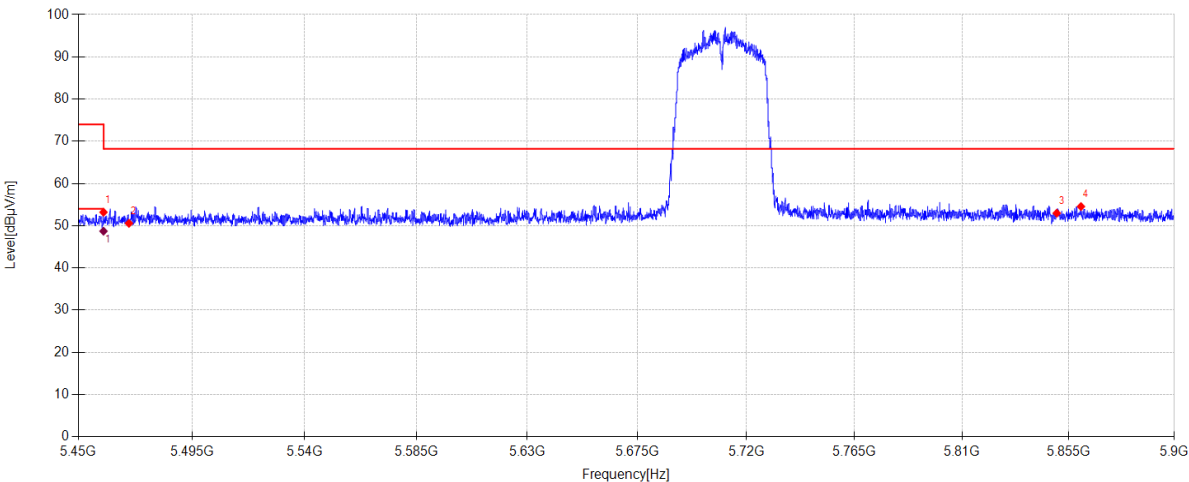
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Memo:

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	5459.945	44.32	33.00	5.48	-29.60	53.20	74.00	20.80	PK	Horizontal
2	5470.000	41.67	33.00	5.49	-29.60	50.56	68.20	17.64	PK	Horizontal
3	5850.000	42.83	34.00	5.74	-29.60	52.97	68.20	15.23	PK	Horizontal
4	5860.265	44.37	34.02	5.75	-29.60	54.54	68.20	13.66	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.945	39.83	33.00	5.48	48.71	54	5.29	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11N40 5710 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

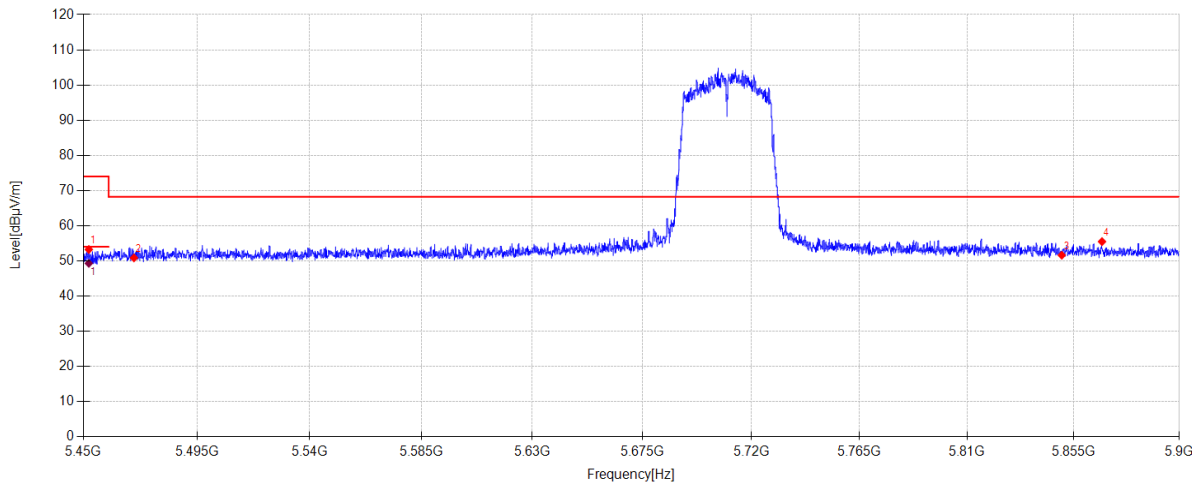
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Memo:

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	5452.160	44.37	33.00	5.48	-29.60	53.25	74.00	20.75	PK	Vertical
2	5470.000	41.96	33.00	5.49	-29.60	50.85	68.20	17.35	PK	Vertical
3	5850.000	41.48	34.00	5.74	-29.60	51.62	68.20	16.58	PK	Vertical
4	5867.060	45.31	34.03	5.75	-29.60	55.49	68.20	12.71	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	5452.160	40.43	33.00	5.48	49.31	54	4.69	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

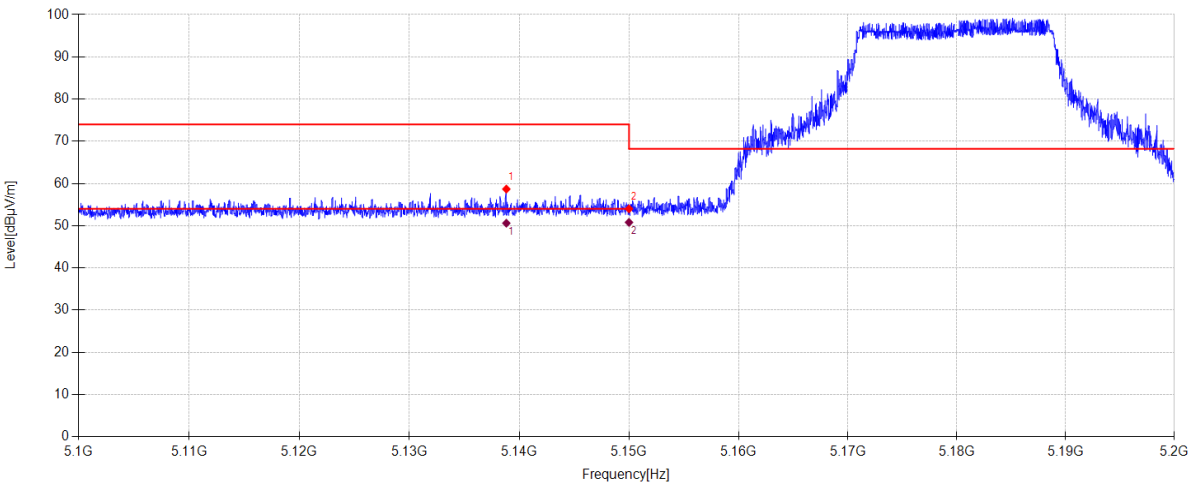
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Memo:

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	5138.820	49.61	33.40	5.27	-29.60	58.68	74.00	15.32	PK	Horizontal
2	5150.000	44.92	33.40	5.28	-29.60	54.00	68.20	14.20	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]		Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5138.820	41.53	33.40	5.27		50.60	54.00	3.40	AV	Horizontal
2	5150.000	41.72	33.40	5.28		50.80	54.00	3.20	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

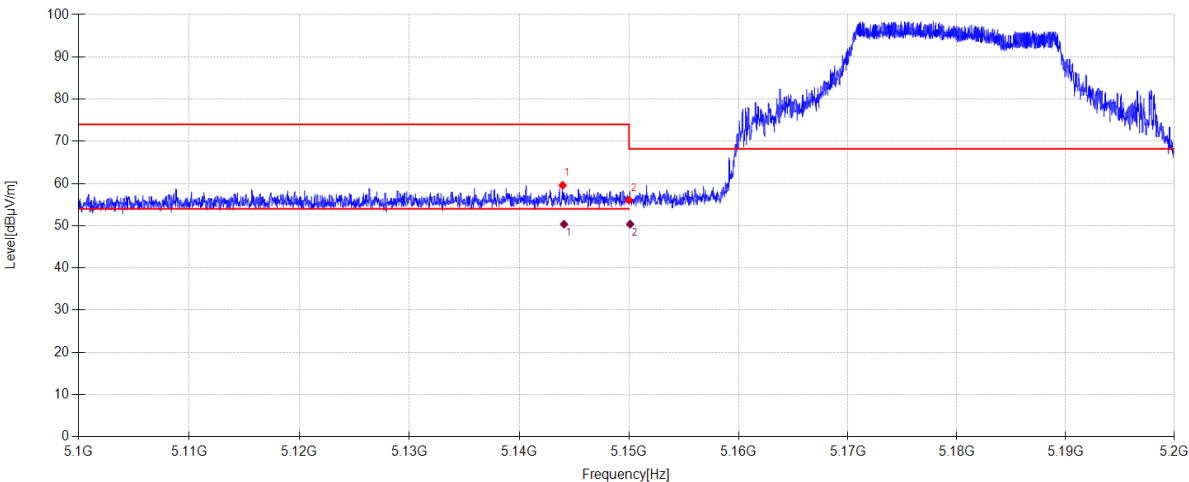
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Memo:

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	5143.950	50.50	33.40	5.28	-29.60	59.58	74.00	14.42	PK	Vertical
2	5150.000	46.96	33.40	5.28	-29.60	56.04	68.20	12.16	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	5144.077	41.27	33.40	5.28	50.35	54	3.65	AV	Vertical
2	5150.104	41.29	33.40	5.28	50.37	54	3.63	AV	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

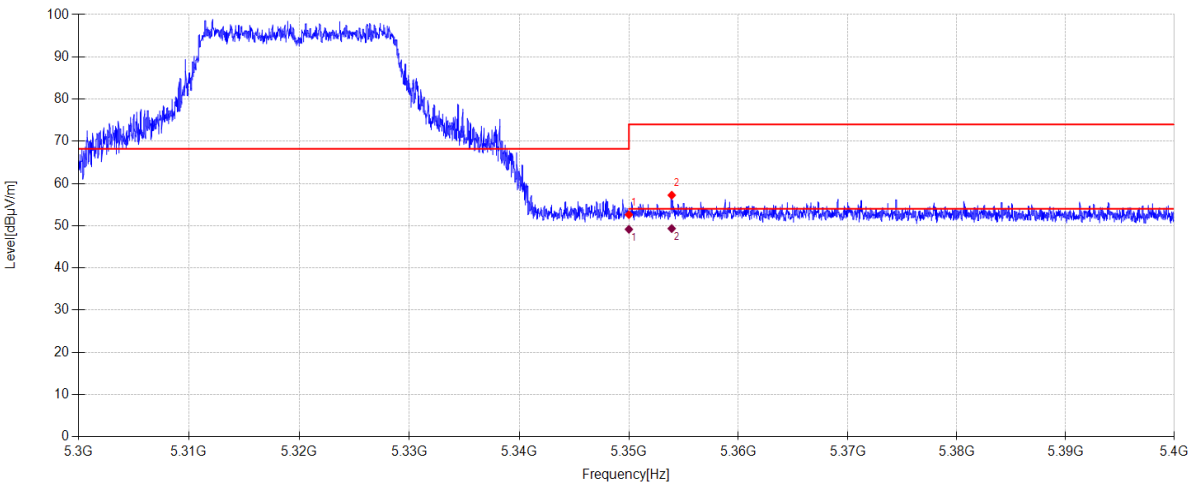
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Memo:

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	43.71	33.10	5.41	-29.60	52.62	68.20	15.58	PK	Horizontal
2	5353.910	48.32	33.10	5.41	-29.60	57.23	74.00	16.77	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	40.24	33.10	5.41	49.15	54	4.85	AV	Horizontal	
2	5353.910	40.42	33.10	5.41	49.33	54	4.67	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

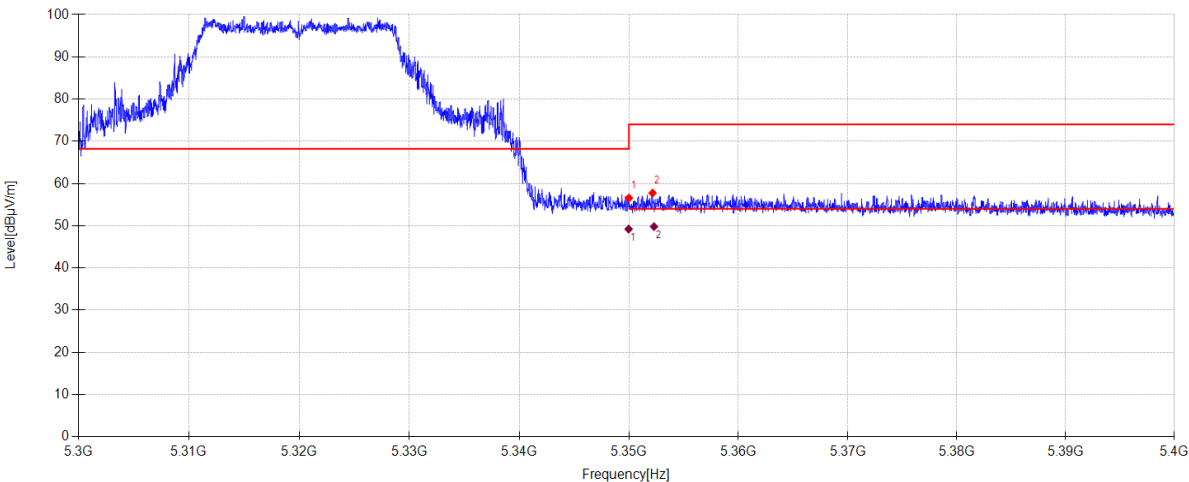
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Memo:

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	47.65	33.10	5.41	-29.60	56.56	68.20	11.64	PK	Vertical
2	5352.160	48.84	33.10	5.41	-29.60	57.75	74.00	16.25	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5349.974	40.30	33.10	5.41	49.21	54	4.79	AV	Vertical	
2	5352.293	40.88	33.10	5.41	49.79	54	4.21	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

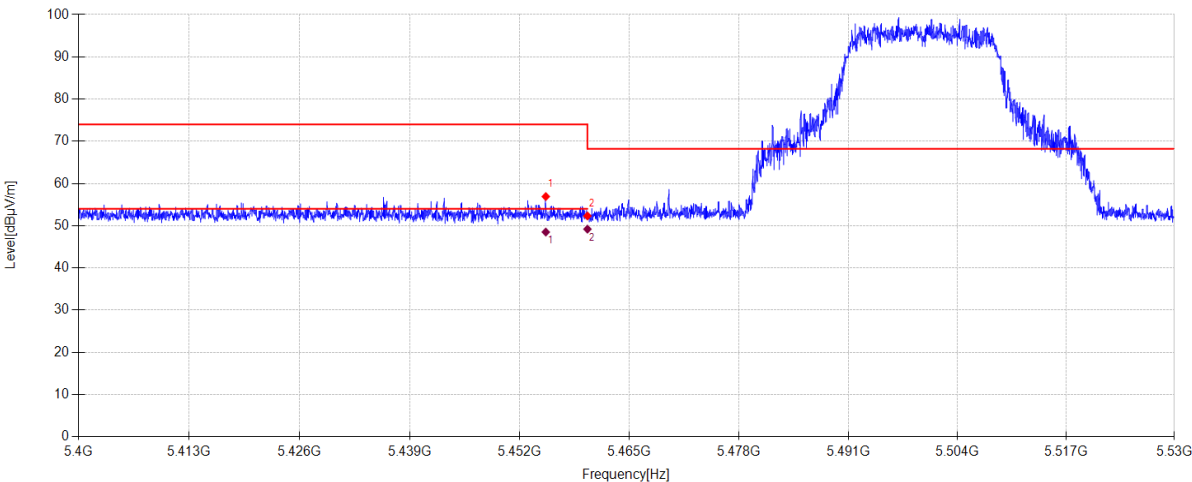
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Memo:

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	5455.068	48.03	33.00	5.48	-29.60	56.91	74.00	17.09	PK	Horizontal
2	5460.000	43.44	33.00	5.48	-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	5455.068	39.62	33.00	5.48	48.50	54	5.50	AV	Horizontal	
2	5460.000	40.31	33.00	5.48	49.19	54	4.81	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

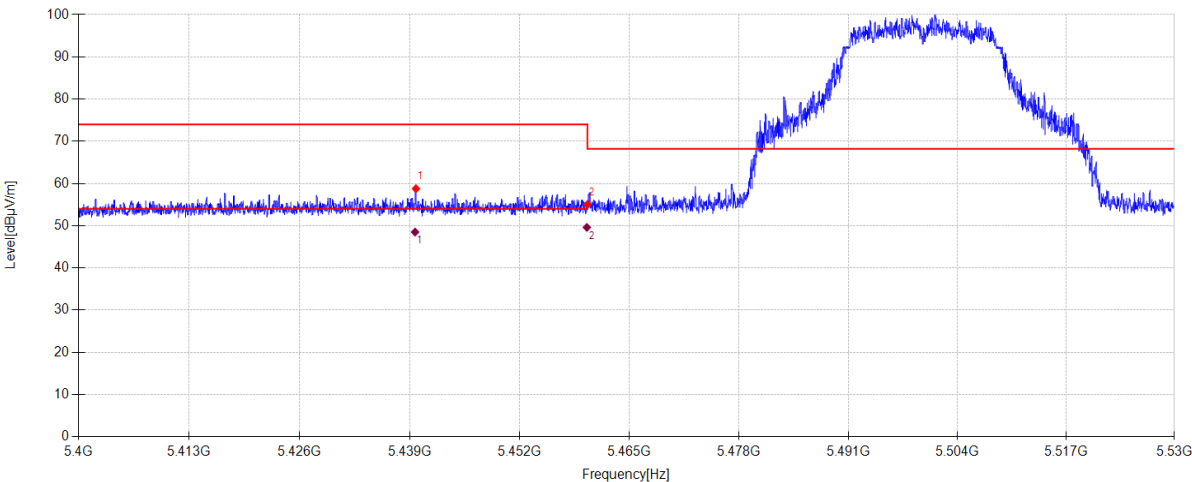
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Memo:

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	5439.715	49.88	33.02	5.47	-29.60	58.77	74.00	15.23	PK	Vertical
2	5460.000	46.15	33.00	5.48	-29.60	55.03	68.20	13.17	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.613	39.61	33.02	5.47	48.50	54	5.50	AV	Vertical
2	5459.933	40.72	33.00	5.48	49.60	54	4.40	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

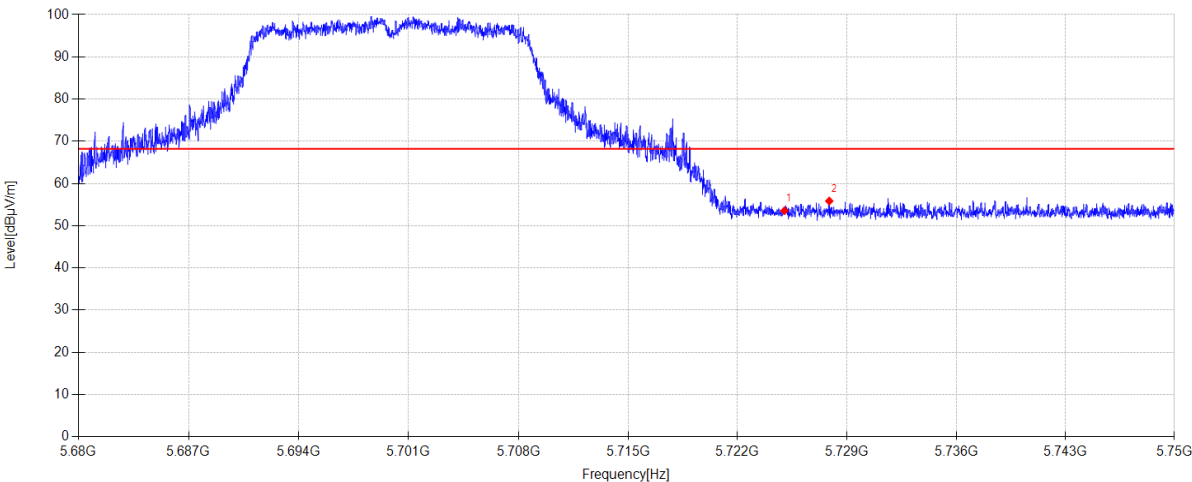
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Memo:

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	43.75	33.75	5.66	-29.60	53.56	68.20	14.64	PK	Horizontal
2	5727.866	46.02	33.77	5.66	-29.60	55.85	68.20	12.35	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

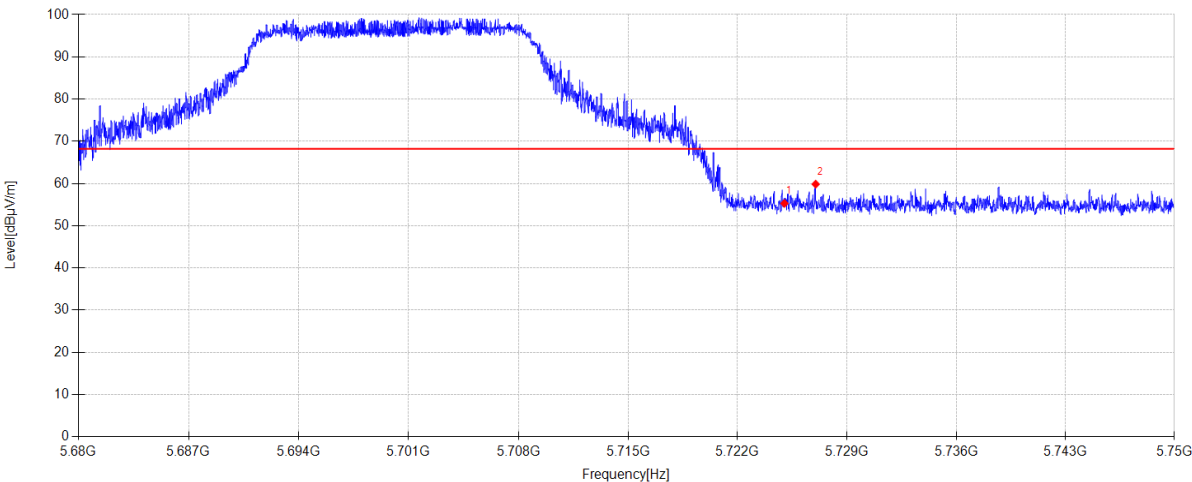
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Memo:

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	45.47	33.75	5.66	-29.60	55.28	68.20	12.92	PK	Vertical
2	5726.998	50.03	33.76	5.66	-29.60	59.85	68.20	8.35	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 11AC20 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

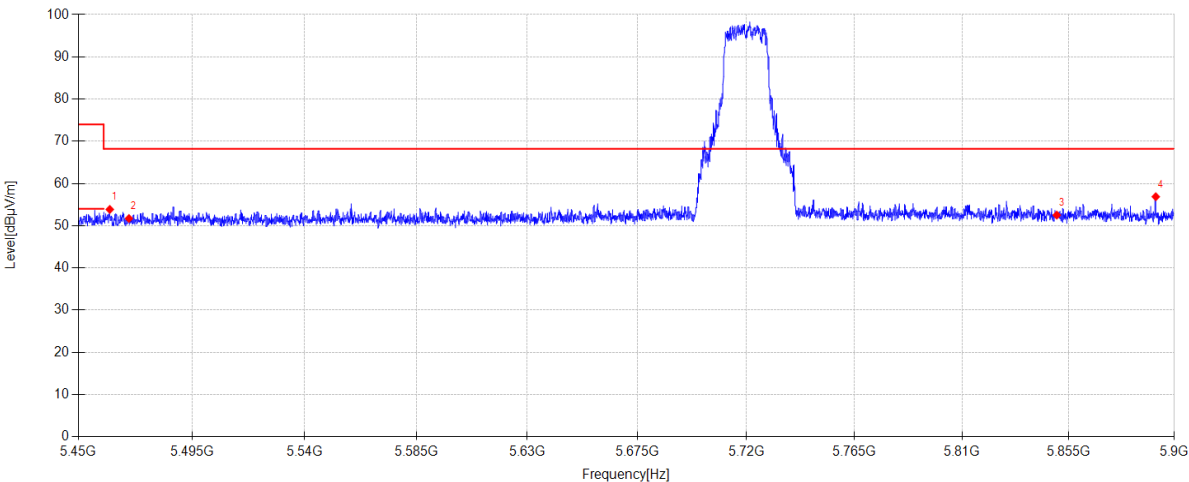
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Memo:

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	5462.420	44.97	33.00	5.49	-29.60	53.86	68.20	14.34	PK	Horizontal
2	5470.000	42.82	33.00	5.49	-29.60	51.71	68.20	16.49	PK	Horizontal
3	5850.000	42.37	34.00	5.74	-29.60	52.51	68.20	15.69	PK	Horizontal
4	5892.080	46.62	34.08	5.77	-29.60	56.87	68.20	11.33	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:

MIMO 11AC20 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

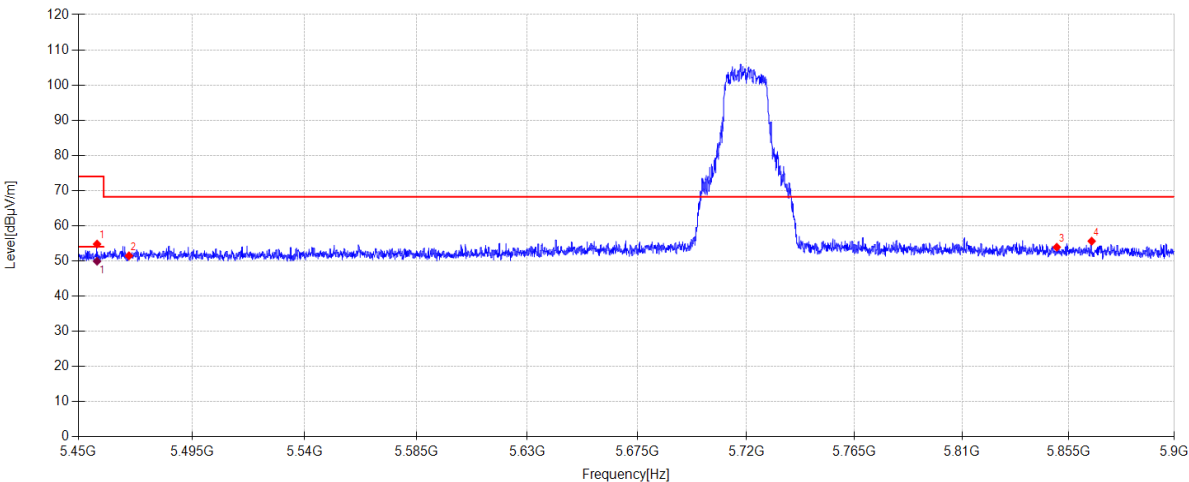
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Memo:

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	5457.380	45.91	33.00	5.48	-29.60	54.79	74.00	19.21	PK	Vertical
2	5470.000	42.56	33.00	5.49	-29.60	51.45	68.20	16.75	PK	Vertical
3	5850.000	43.76	34.00	5.74	-29.60	53.90	68.20	14.30	PK	Vertical
4	5864.810	45.43	34.03	5.75	-29.60	55.61	68.20	12.59	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.380	41.02	33.00	5.48	49.90	54	4.10	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5190 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

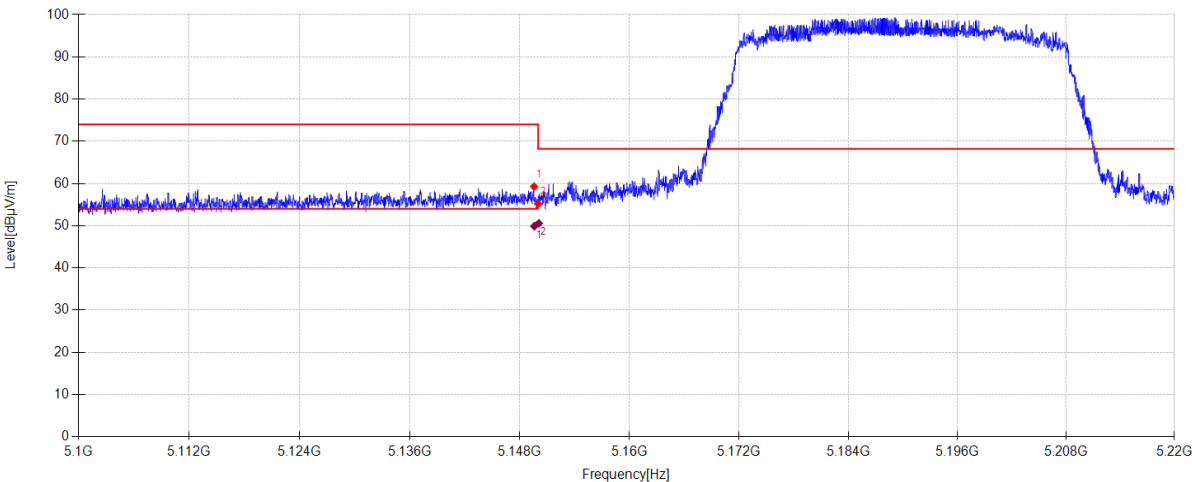
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Memo:

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	5149.560	50.19	33.40	5.28	-29.60	59.27	74.00	14.73	PK	Vertical
2	5150.000	46.13	33.40	5.28	-29.60	55.21	68.20	12.99	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.587	40.81	33.40	5.28	49.89	54	4.11	AV	Vertical
2	5150.077	41.50	33.40	5.28	50.58	54	3.42	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5190 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

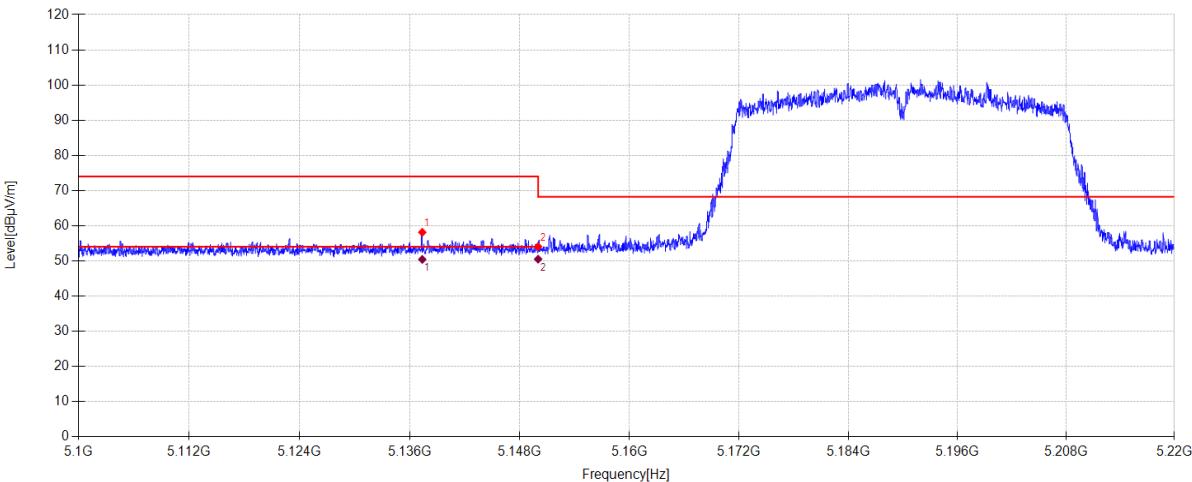
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Memo:

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	5137.356	49.05	33.40	5.27	-29.60	58.12	74.00	15.88	PK	Horizontal
2	5150.000	44.96	33.40	5.28	-29.60	54.04	68.20	14.16	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	5137.356	41.35	33.40	5.27	50.42	54	3.58	AV	Horizontal
2	5150.000	41.42	33.40	5.28	50.50	54	3.50	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

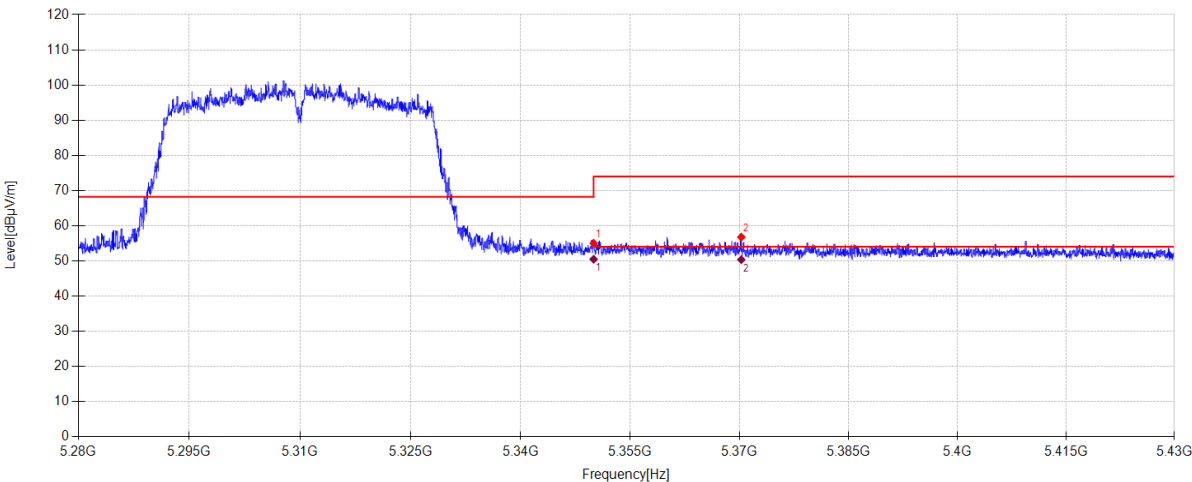
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Memo:

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	46.11	33.10	5.41	-29.60	55.02	68.20	13.18	PK	Horizontal
2	5370.225	47.84	33.10	5.42	-29.60	56.76	74.00	17.24	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	41.56	33.10	5.41	50.47	54	3.53	AV	Horizontal	
2	5370.225	41.43	33.10	5.42	50.35	54	3.65	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

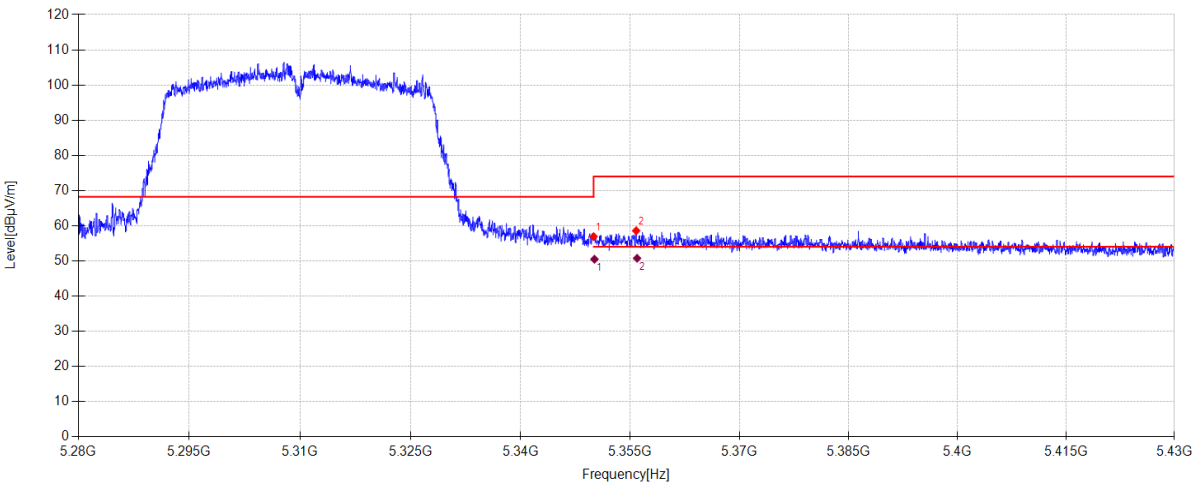
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Memo:

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	48.01	33.10	5.41	-29.60	56.92	68.20	11.28	PK	Vertical
2	5355.825	49.67	33.10	5.41	-29.60	58.58	74.00	15.42	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.114	41.56	33.10	5.41	50.47	54	3.53	AV	Vertical	
2	5355.944	41.84	33.10	5.41	50.75	54	3.25	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

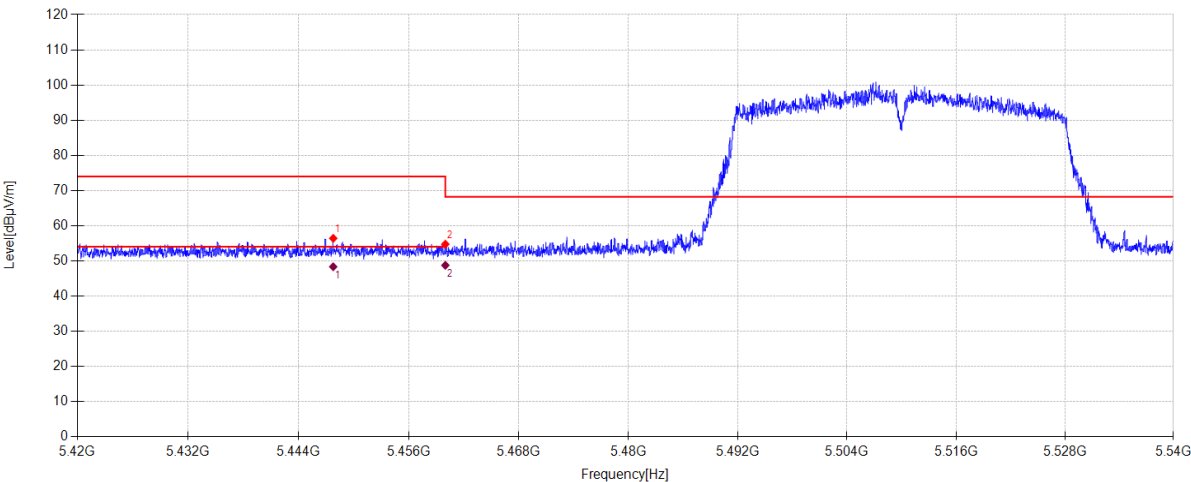
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\79

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	5447.780	47.53	33.00	5.48	-29.60	56.41	74.00	17.59	PK	Horizontal
2	5460.000	45.87	33.00	5.48	-29.60	54.75	68.20	13.45	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5447.780	39.46	33.00	5.48	48.34	54	5.66	AV	Horizontal	
2	5460.000	39.87	33.00	5.48	48.75	54	5.25	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

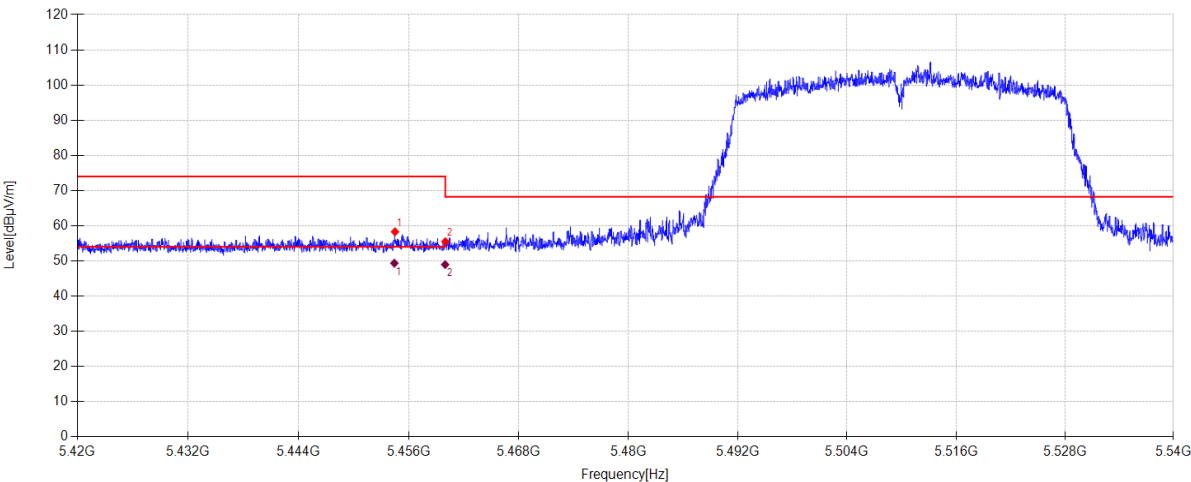
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Memo:

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	5454.512	49.40	33.00	5.48	-29.60	58.28	74.00	15.72	PK	Vertical
2	5460.000	46.59	33.00	5.48	-29.60	55.47	68.20	12.73	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.441	40.47	33.00	5.48	49.35	54	4.65	AV	Vertical
2	5459.977	40.07	33.00	5.48	48.95	54	5.05	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

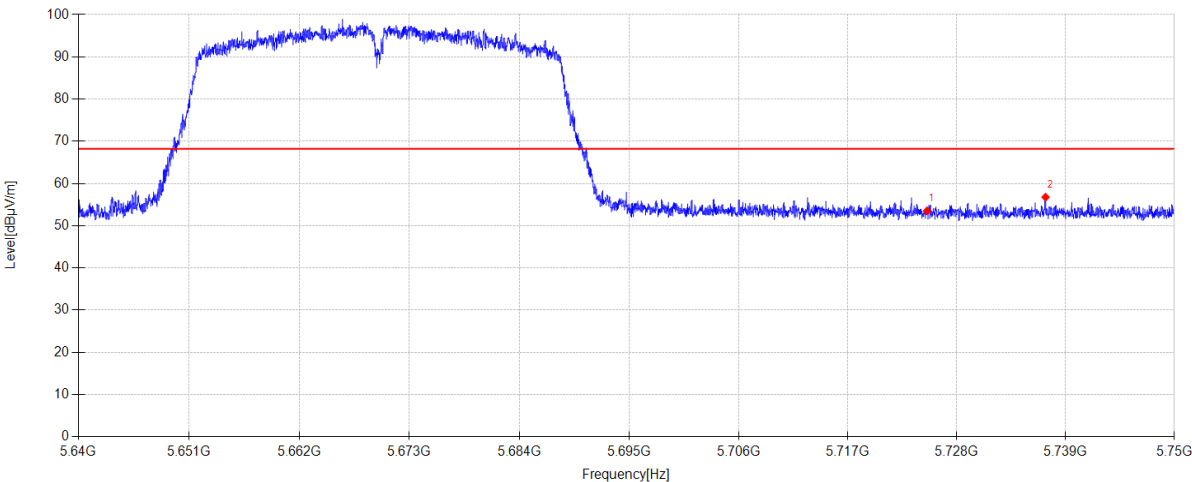
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Memo:

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	43.72	33.75	5.66	-29.60	53.53	68.20	14.67	PK	Horizontal
2	5736.965	46.87	33.82	5.67	-29.60	56.76	68.20	11.44	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

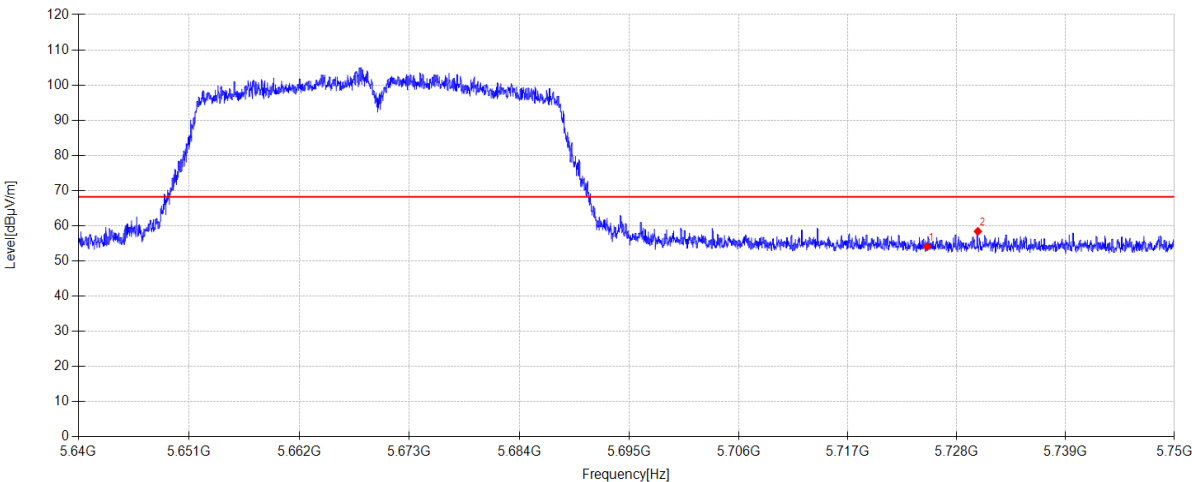
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Memo:

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	44.24	33.75	5.66	-29.60	54.05	68.20	14.15	PK	Vertical
2	5730.123	48.56	33.78	5.66	-29.60	58.40	68.20	9.80	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 11AC40 5710 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

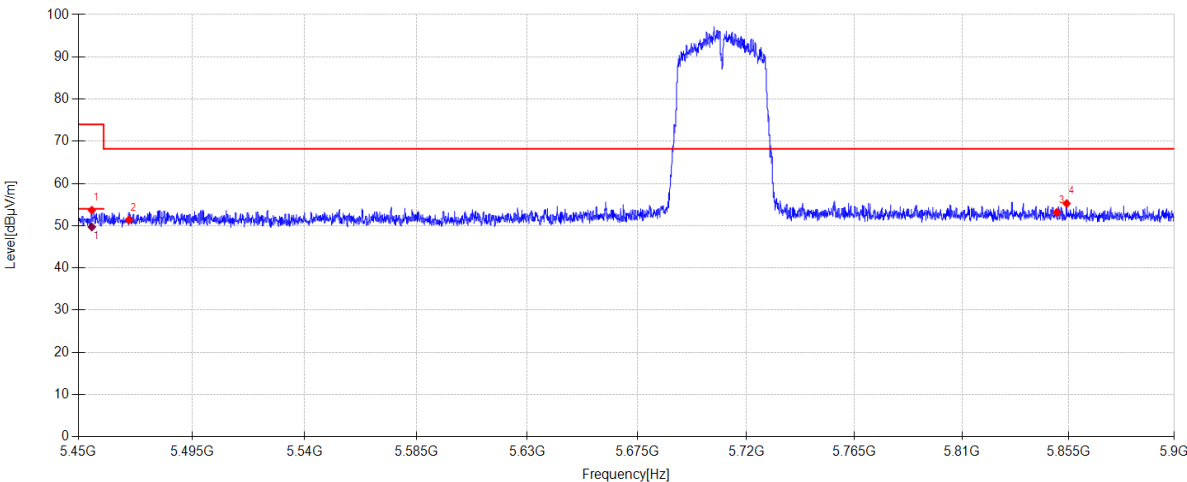
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Memo:

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	5455.310	44.80	33.00	5.48	-29.60	53.68	74.00	20.32	PK	Horizontal
2	5470.000	42.48	33.00	5.49	-29.60	51.37	68.20	16.83	PK	Horizontal
3	5850.000	43.02	34.00	5.74	-29.60	53.16	68.20	15.04	PK	Horizontal
4	5854.190	45.12	34.01	5.74	-29.60	55.27	68.20	12.93	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.310	40.83	33.00	5.48	49.71	54	4.29	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AC40 5710 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

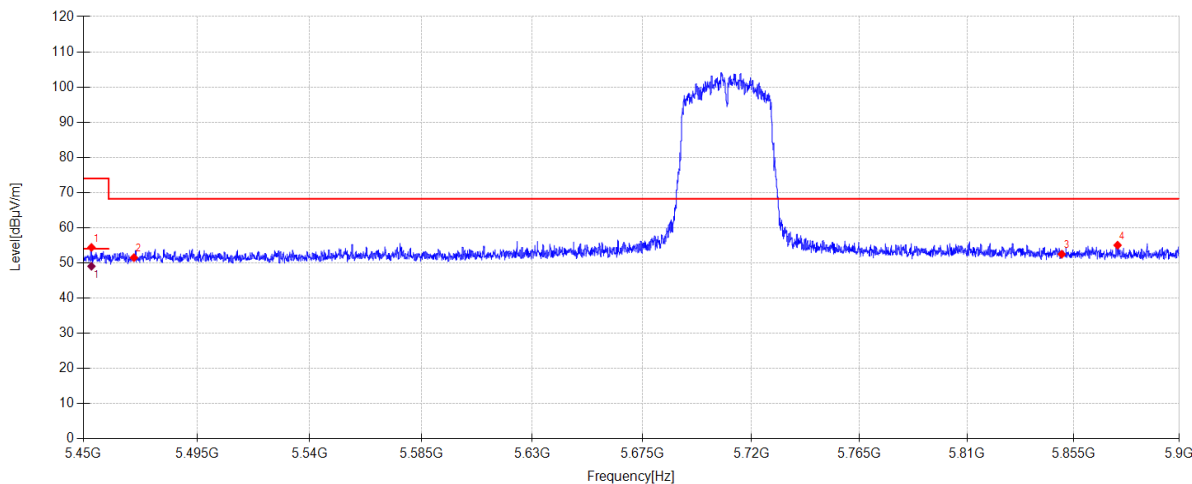
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Memo:

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	5453.195	45.53	33.00	5.48	-29.60	54.41	74.00	19.59	PK	Vertical
2	5470.000	42.61	33.00	5.49	-29.60	51.50	68.20	16.70	PK	Vertical
3	5850.000	42.33	34.00	5.74	-29.60	52.47	68.20	15.73	PK	Vertical
4	5873.675	44.82	34.05	5.76	-29.60	55.03	68.20	13.17	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.195	40.16	33.00	5.48	49.04	54	4.96	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5210 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

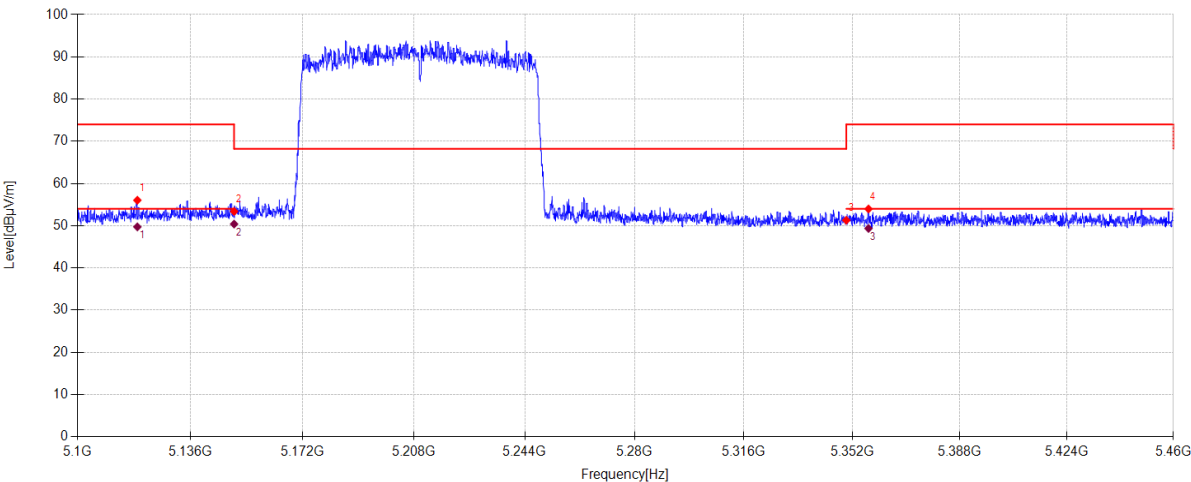
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Memo:

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	5119.080	46.97	33.40	5.26	-29.60	56.03	74.00	17.97	PK	Horizontal
2	5150.000	44.31	33.40	5.28	-29.60	53.39	68.20	14.81	PK	Horizontal
3	5350.000	42.39	33.10	5.41	-29.60	51.30	68.20	16.90	PK	Horizontal
4	5357.400	45.05	33.10	5.42	-29.60	53.97	74.00	20.03	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	5119.080	40.67	33.40	5.26	49.73	54	4.27	AV	Horizontal
2	5150.000	41.32	33.40	5.28	50.40	54	3.60	AV	Horizontal
3	5357.400	40.43	33.10	5.42	49.35	54	4.65	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5210 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

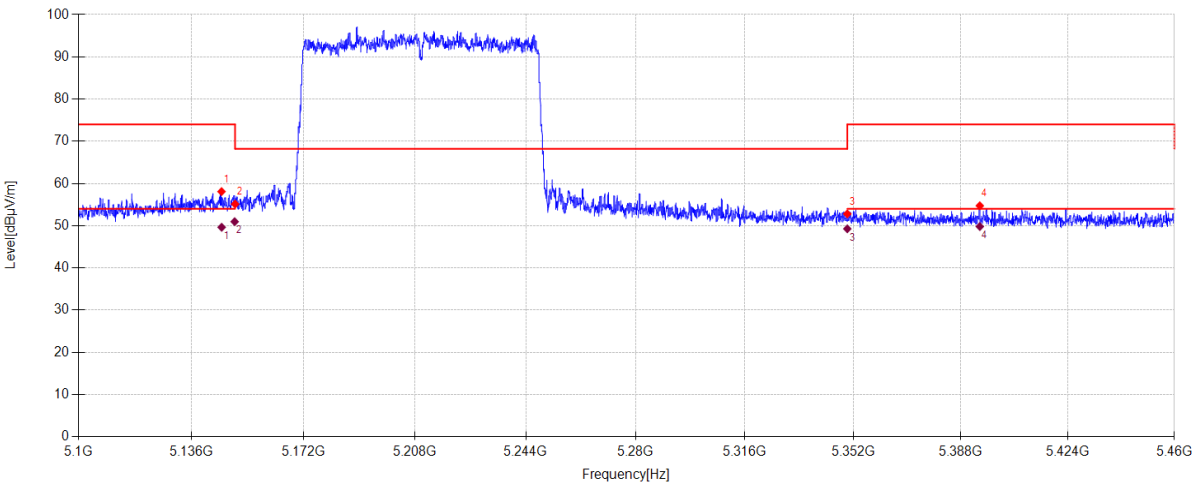
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Memo:

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	5145.648	49.01	33.40	5.28	-29.60	58.09	74.00	15.91	PK	Vertical
2	5150.000	46.05	33.40	5.28	-29.60	55.13	68.20	13.07	PK	Vertical
3	5350.000	43.90	33.10	5.41	-29.60	52.81	68.20	15.39	PK	Vertical
4	5394.300	45.79	33.10	5.44	-29.60	54.73	74.00	19.27	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5145.689	40.55	33.40	5.28	49.63	54	4.37	AV	Vertical
2	5149.860	41.88	33.40	5.28	50.96	54	3.04	AV	Vertical
3	5350.000	40.36	33.10	5.41	49.27	54	4.73	AV	Vertical
4	5394.300	40.87	33.10	5.44	49.81	54	4.19	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5290 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

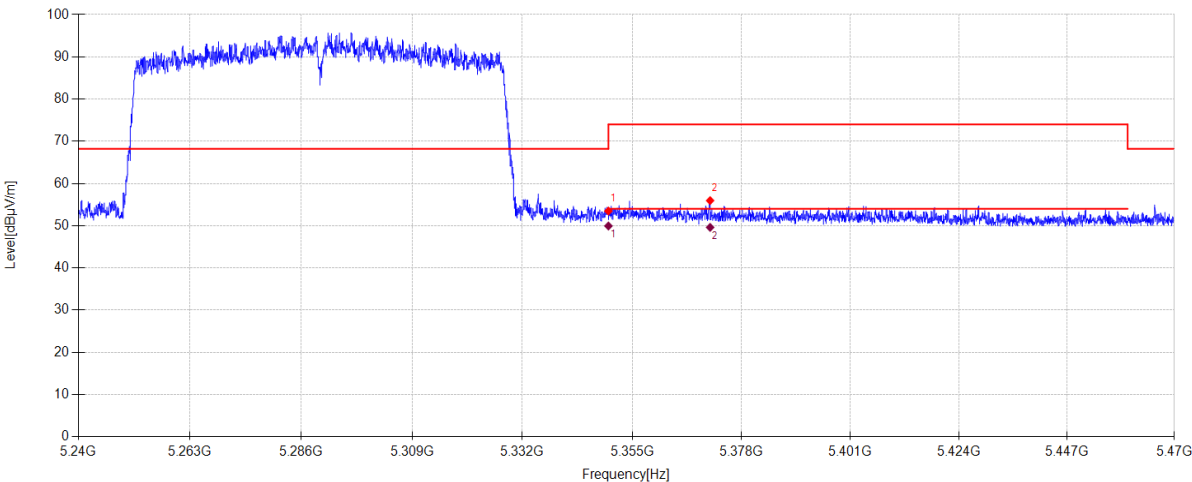
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Memo:

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	44.57	33.10	5.41	-29.60	53.48	68.20	14.72	PK	Horizontal
2	5371.376	47.03	33.10	5.43	-29.60	55.96	74.00	18.04	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	41.03	33.10	5.41	49.94	54	4.06	AV	Horizontal	
2	5371.376	40.68	33.10	5.43	49.61	54	4.39	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5290 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

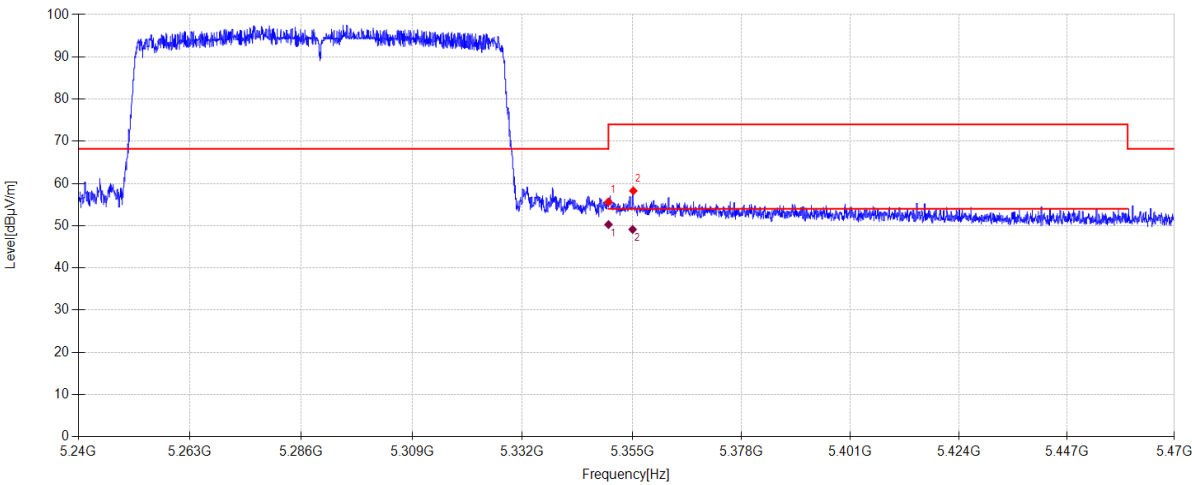
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Memo:

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	46.71	33.10	5.41	-29.60	55.62	68.20	12.58	PK	Vertical
2	5355.230	49.35	33.10	5.41	-29.60	58.26	74.00	15.74	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.022	41.37	33.10	5.41	50.28	54	3.72	AV	Vertical
2	5355.081	40.21	33.10	5.41	49.12	54	4.88	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5530 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

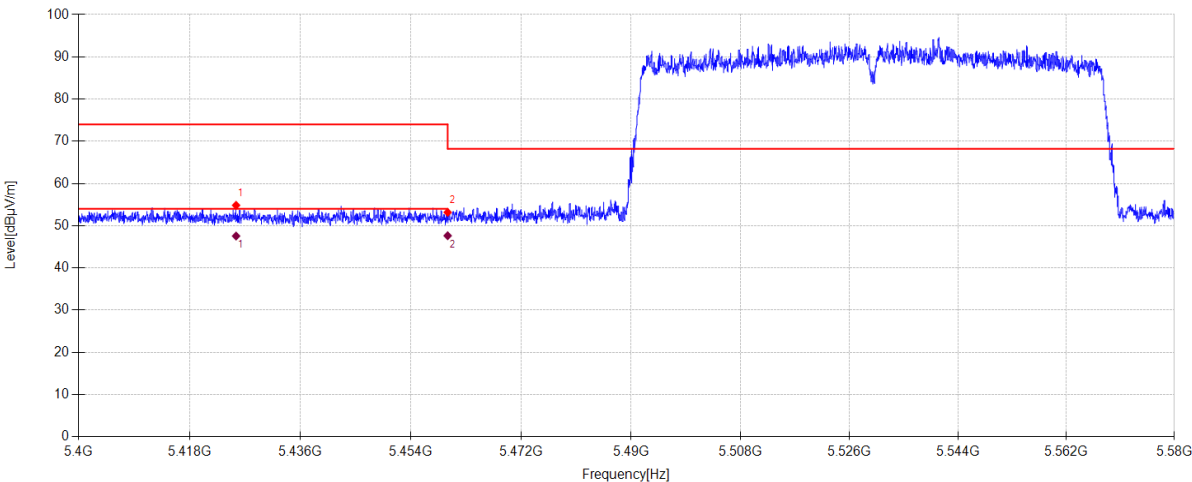
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Memo:

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	5425.542	45.93	33.05	5.46	-29.60	54.84	74.00	19.16	PK	Horizontal
2	5460.000	44.29	33.00	5.48	-29.60	53.17	68.20	15.03	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	5425.542	38.65	33.05	5.46	47.56	54	6.44	AV	Horizontal	
2	5460.000	38.75	33.00	5.48	47.63	54	6.37	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5530 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

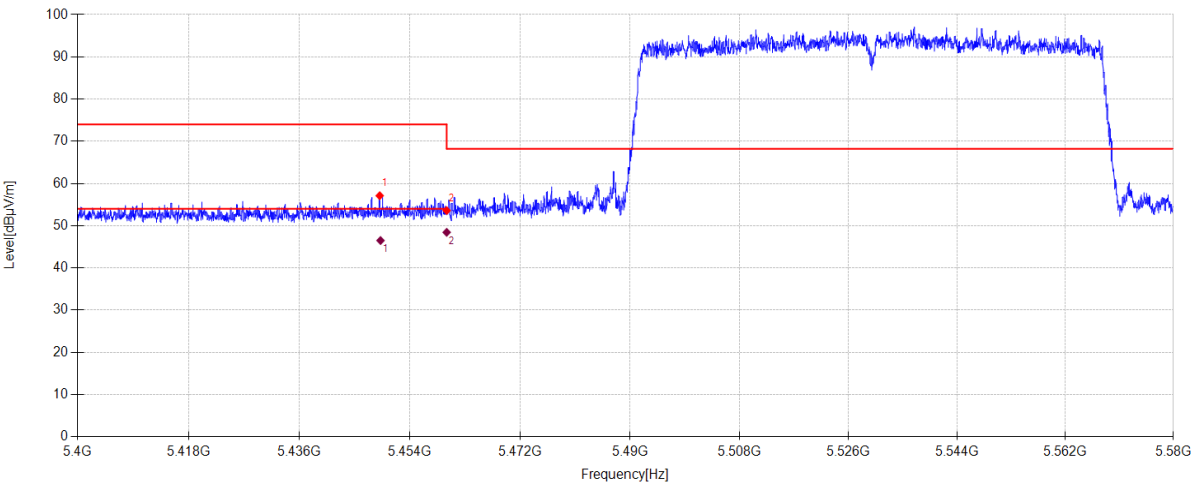
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Memo:

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	5449.068	48.23	33.00	5.48	-29.60	57.11	74.00	16.89	PK	Vertical
2	5460.000	44.72	33.00	5.48	-29.60	53.60	68.20	14.60	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	5449.201	37.62	33.00	5.48	46.50	54	7.50	AV	Vertical	
2	5460.000	39.56	33.00	5.48	48.44	54	5.56	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5610 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

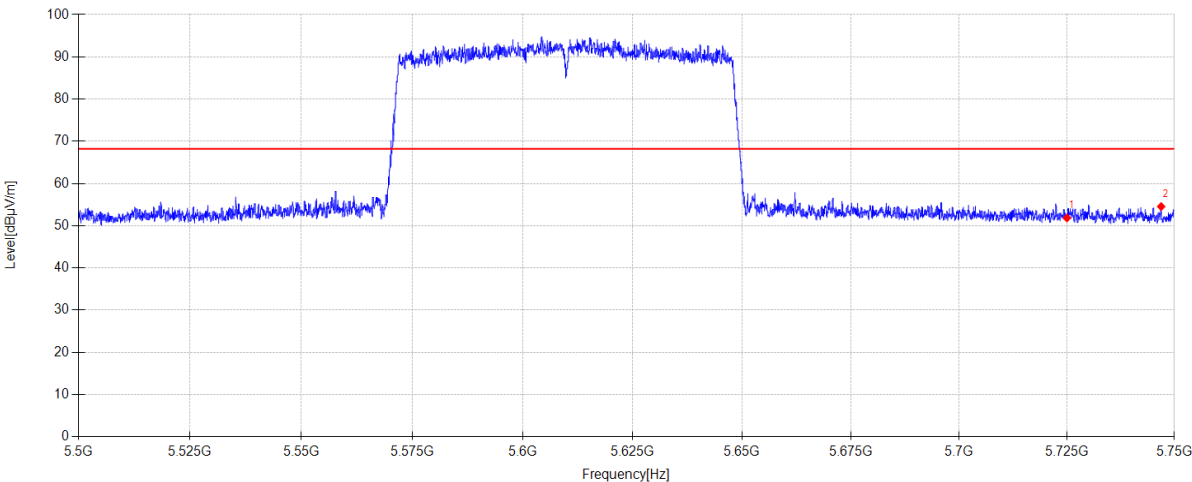
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Memo:

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	42.03	33.75	5.66	-29.60	51.84	68.20	16.36	PK	Horizontal
2	5746.925	44.59	33.88	5.67	-29.60	54.54	68.20	13.66	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:

2024-11-20

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5610 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

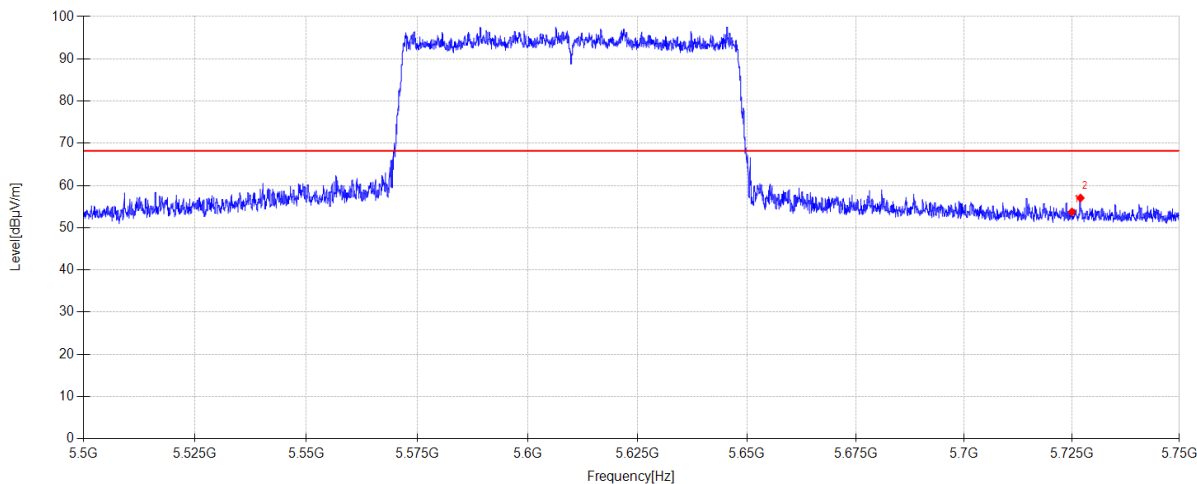
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Memo:

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	43.93	33.75	5.66	-29.60	53.74	68.20	14.46	PK	Vertical
2	5727.000	47.22	33.76	5.66	-29.60	57.04	68.20	11.16	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 11AC80 5690 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

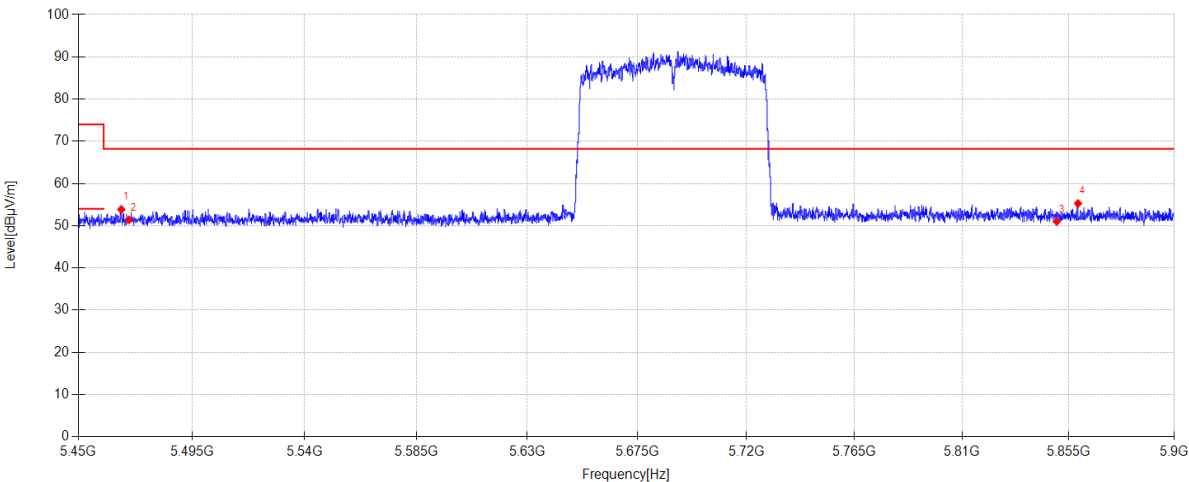
File Path:

d:\ts\2024 report data\BAR500\KUAYUE\13

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	5466.965	44.96	33.00	5.49	-29.60	53.85	68.20	14.35	PK	Horizontal
2	5470.000	42.49	33.00	5.49	-29.60	51.38	68.20	16.82	PK	Horizontal
3	5850.000	40.86	34.00	5.74	-29.60	51.00	68.20	17.20	PK	Horizontal
4	5859.005	45.10	34.02	5.75	-29.60	55.27	68.20	12.93	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:

MIMO 11AC80 5690 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

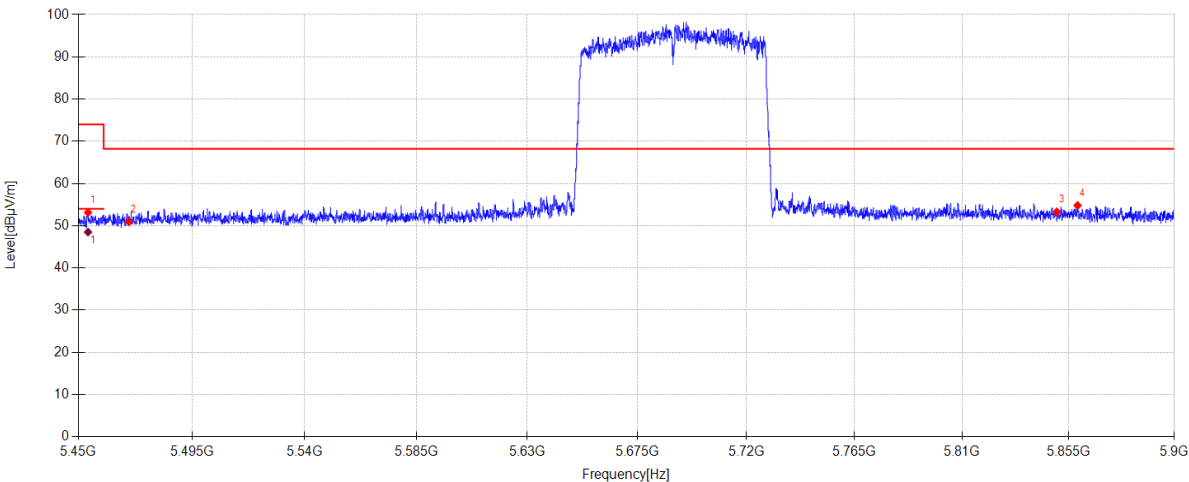
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Memo:

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	5453.825	44.25	33.00	5.48	-29.60	53.13	74.00	20.87	PK	Vertical
2	5470.000	42.03	33.00	5.49	-29.60	50.92	68.20	17.28	PK	Vertical
3	5850.000	43.16	34.00	5.74	-29.60	53.30	68.20	14.90	PK	Vertical
4	5858.825	44.63	34.02	5.75	-29.60	54.80	68.20	13.40	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.825	39.62	33.00	5.48	48.50	54	5.50	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

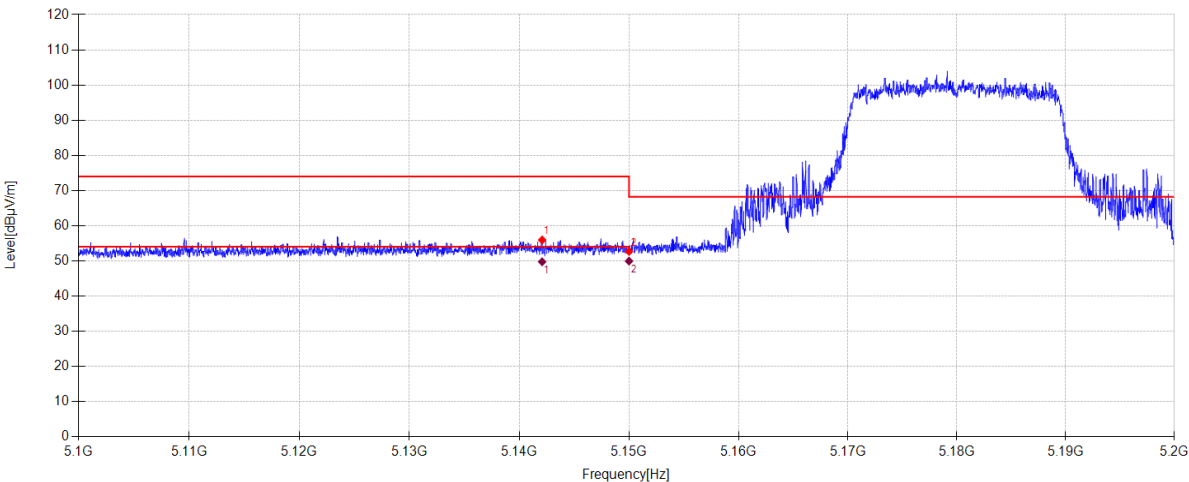
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Memo:

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	5142.080	46.88	33.40	5.27	-29.60	55.95	74.00	18.05	PK	Horizontal
2	5150.000	43.62	33.40	5.28	-29.60	52.70	68.20	15.50	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5142.080	40.68	33.40	5.27	49.75	54	4.25	AV	Horizontal	
2	5150.000	40.87	33.40	5.28	49.95	54	4.05	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

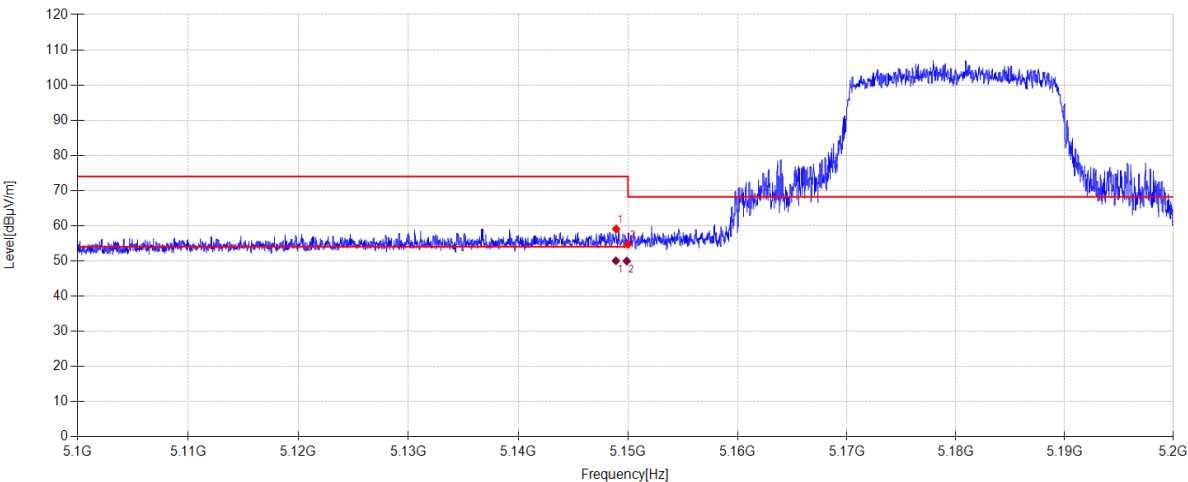
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Memo:

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	5148.920	50.01	33.40	5.28	-29.60	59.09	74.00	14.91	PK	Vertical
2	5150.000	45.63	33.40	5.28	-29.60	54.71	68.20	13.49	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5148.897	40.96	33.40	5.28	50.04	54	3.96	AV	Vertical	
2	5149.886	40.88	33.40	5.28	49.96	54	4.04	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

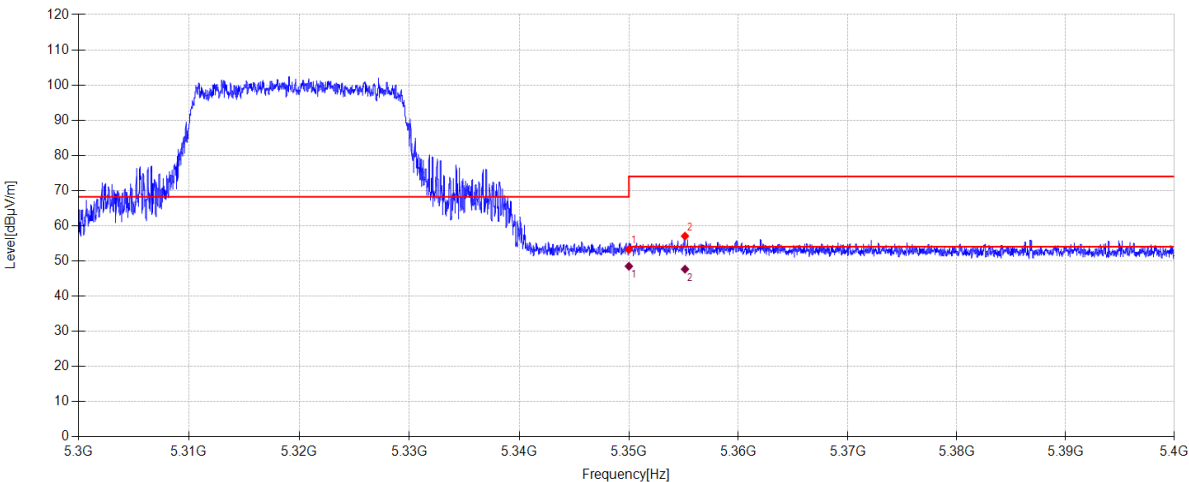
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Memo:

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	44.31	33.10	5.41	-29.60	53.22	68.20	14.98	PK	Horizontal
2	5355.120	48.14	33.10	5.41	-29.60	57.05	74.00	16.95	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	39.56	33.10	5.41	48.47	54	5.53	AV	Horizontal	
2	5355.120	38.73	33.10	5.41	47.64	54	6.36	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

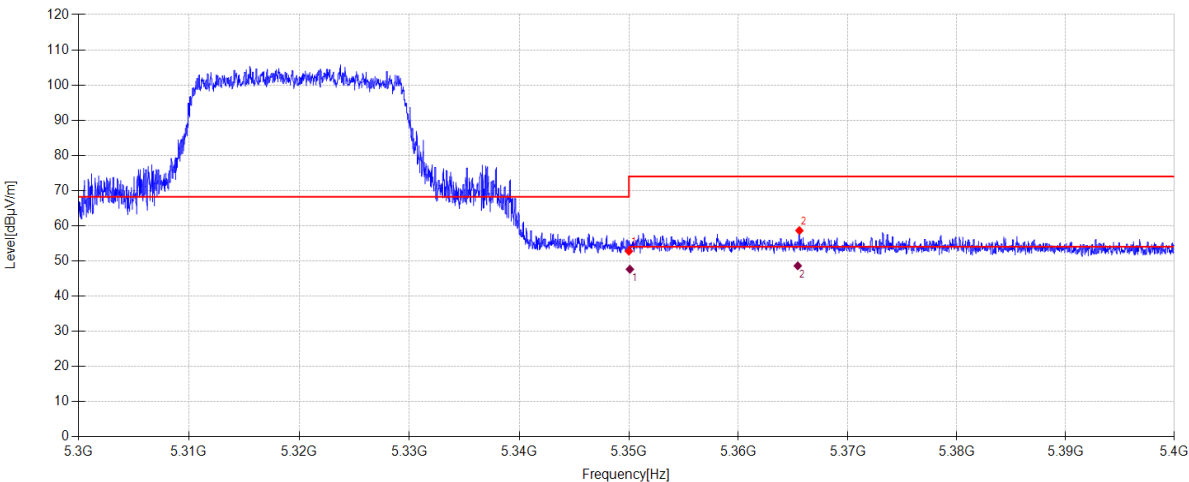
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Memo:

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	43.84	33.10	5.41	-29.60	52.75	68.20	15.45	PK	Vertical
2	5365.580	49.71	33.10	5.42	-29.60	58.63	74.00	15.37	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	5350.092	38.71	33.10	5.41	47.62	54	6.38	AV	Vertical	
2	5365.431	39.68	33.10	5.42	48.60	54	5.40	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

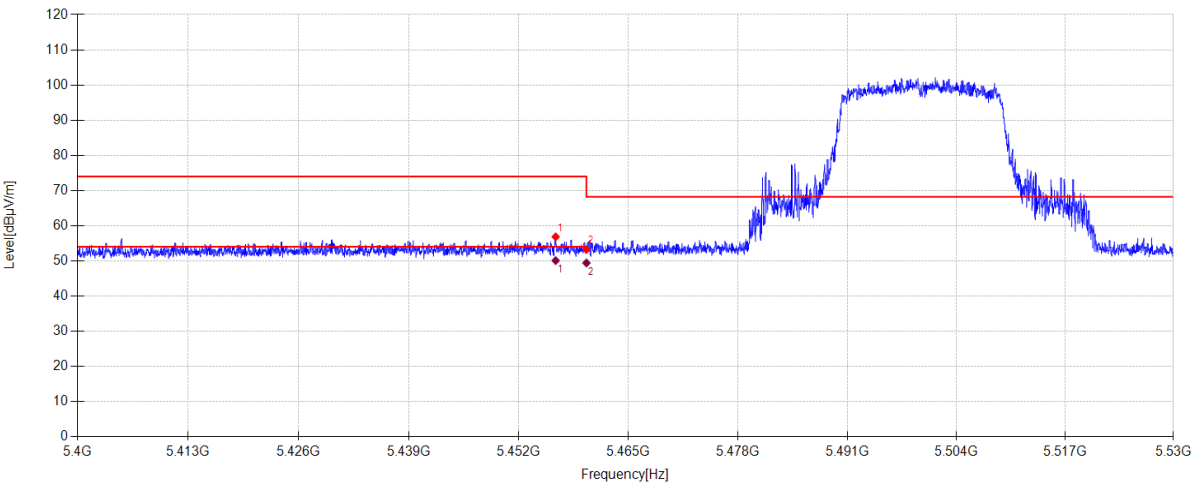
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Memo:

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	5456.355	47.96	33.00	5.48	-29.60	56.84	74.00	17.16	PK	Horizontal
2	5460.000	44.36	33.00	5.48	-29.60	53.24	68.20	14.96	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	5456.355	41.21	33.00	5.48	50.09	54	3.91	AV	Horizontal	
2	5460.000	40.53	33.00	5.48	49.41	54	4.59	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

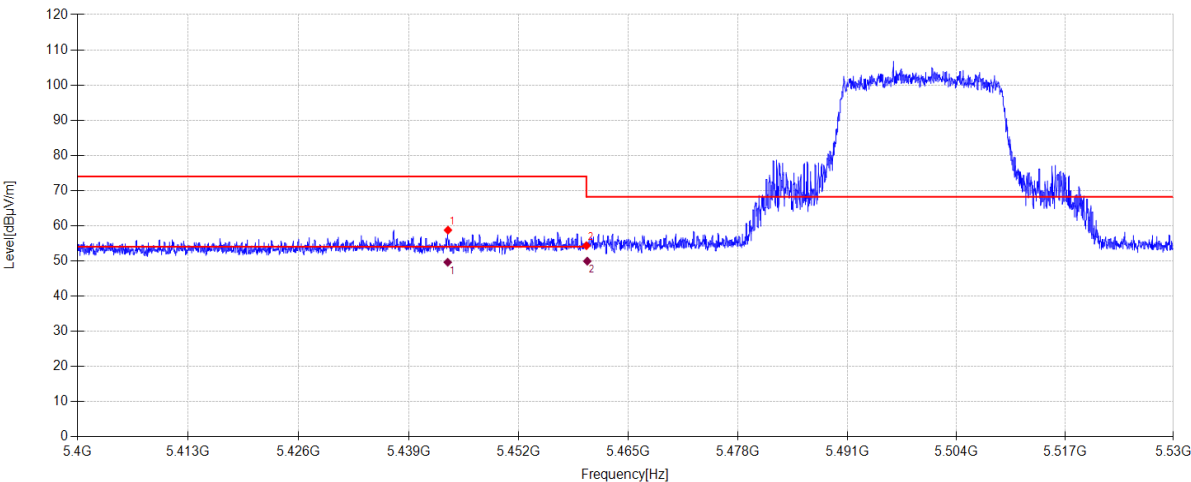
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Memo:

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	5443.615	49.87	33.01	5.47	-29.60	58.75	74.00	15.25	PK	Vertical
2	5460.000	45.45	33.00	5.48	-29.60	54.33	68.20	13.87	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	5443.585	40.74	33.01	5.47	49.62	54	4.38	AV	Vertical
2	5460.099	41.04	33.00	5.48	49.92	54	4.08	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:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

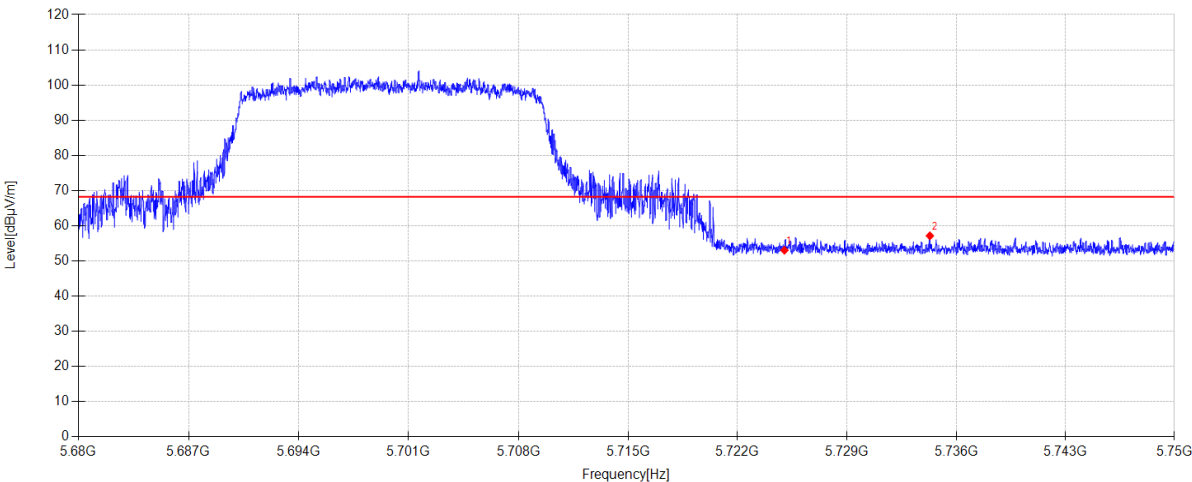
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Memo:

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	43.23	33.75	5.66	-29.60	53.04	68.20	15.16	PK	Horizontal
2	5734.313	47.26	33.81	5.66	-29.60	57.13	68.20	11.07	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

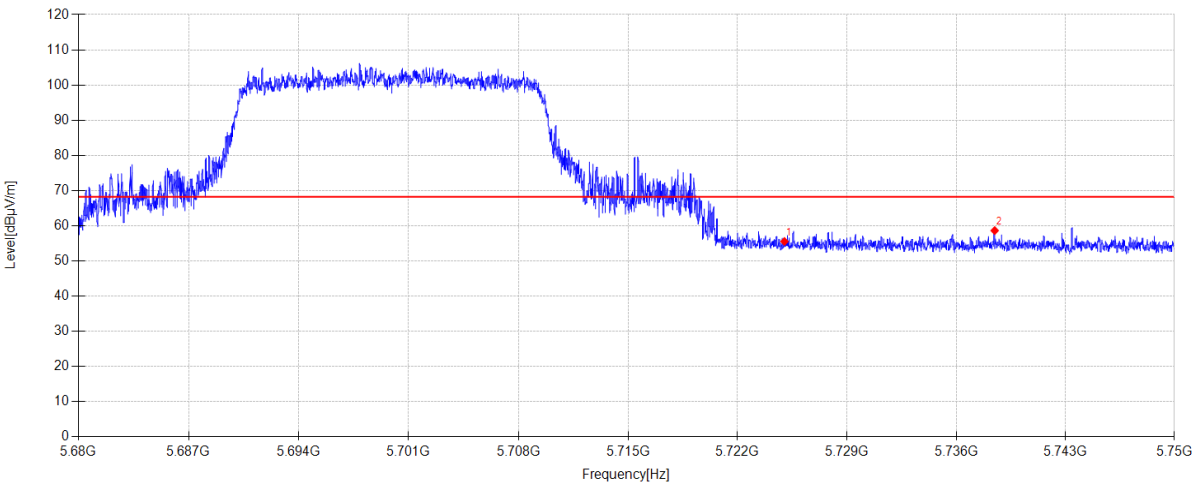
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Memo:

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	45.72	33.75	5.66	-29.60	55.53	68.20	12.67	PK	Vertical
2	5738.464	48.72	33.83	5.67	-29.60	58.62	68.20	9.58	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 11AX20 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

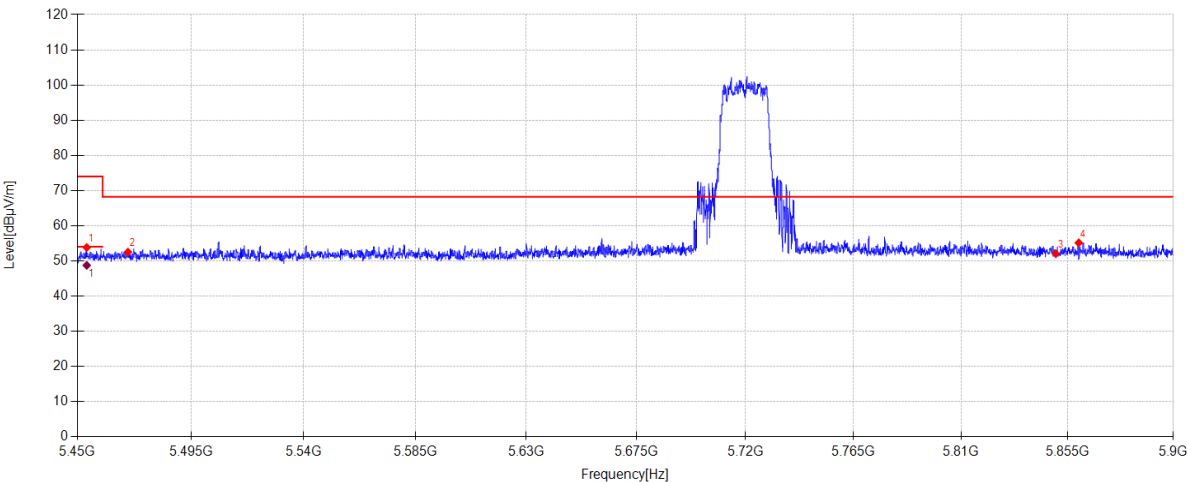
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Memo:

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	5453.690	44.94	33.00	5.48	-29.60	53.82	74.00	20.18	PK	Horizontal
2	5470.000	43.61	33.00	5.49	-29.60	52.50	68.20	15.70	PK	Horizontal
3	5850.000	41.91	34.00	5.74	-29.60	52.05	68.20	16.15	PK	Horizontal
4	5859.725	44.97	34.02	5.75	-29.60	55.14	68.20	13.06	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	5453.690	39.86	33.00	5.48	48.74	54	5.26	AV	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX20 5720 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

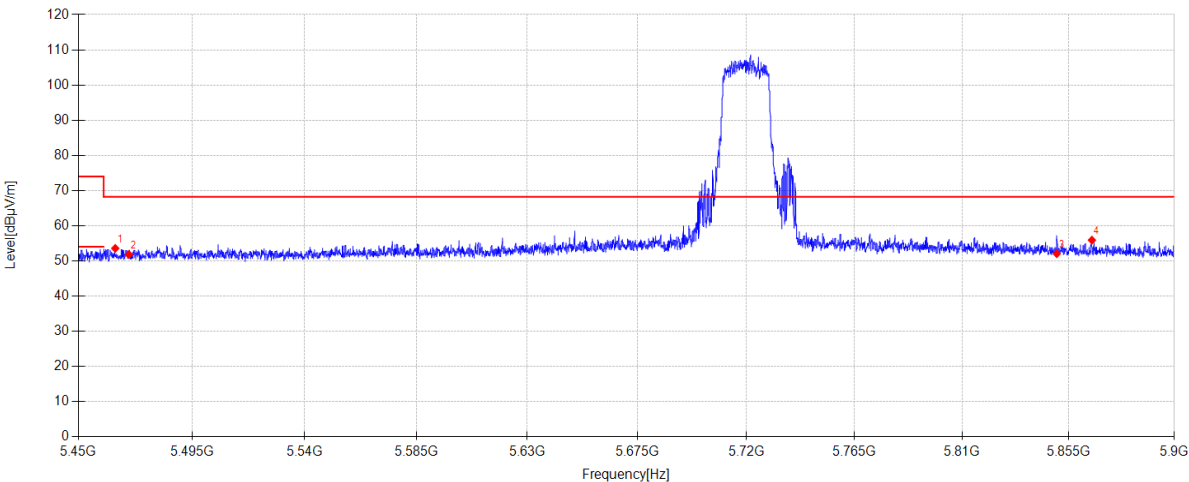
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Memo:

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	5464.580	44.68	33.00	5.49	-29.60	53.57	68.20	14.63	PK	Vertical
2	5470.000	42.93	33.00	5.49	-29.60	51.82	68.20	16.38	PK	Vertical
3	5850.000	41.90	34.00	5.74	-29.60	52.04	68.20	16.16	PK	Vertical
4	5864.900	45.73	34.03	5.75	-29.60	55.91	68.20	12.29	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:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5190 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

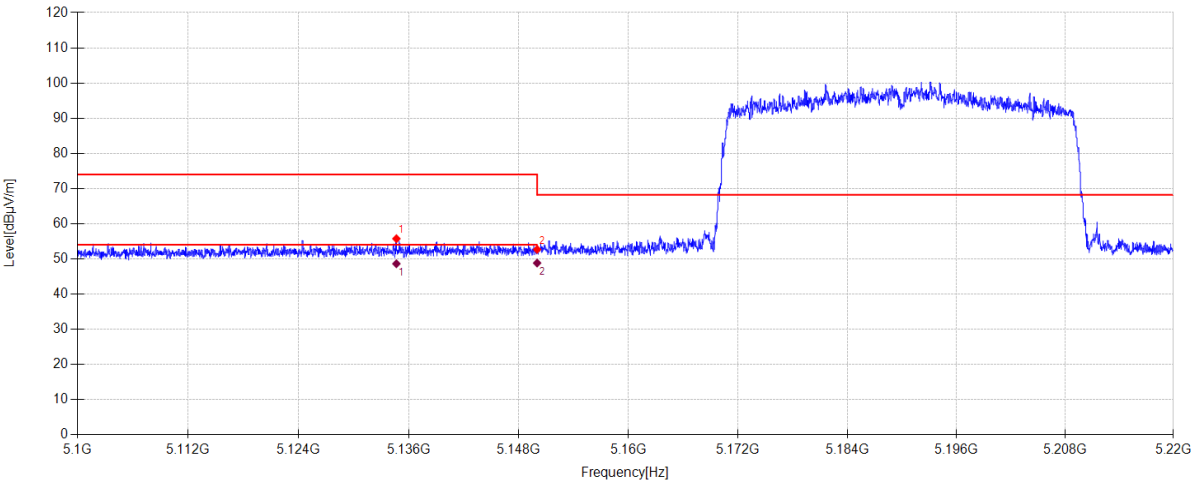
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Memo:

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	5134.644	46.67	33.40	5.27	-29.60	55.74	74.00	18.26	PK	Horizontal
2	5150.000	43.61	33.40	5.28	-29.60	52.69	68.20	15.51	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5134.644	39.56	33.40	5.27	48.63	54	5.37	AV	Horizontal	
2	5150.000	39.74	33.40	5.28	48.82	54	5.18	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 5190 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

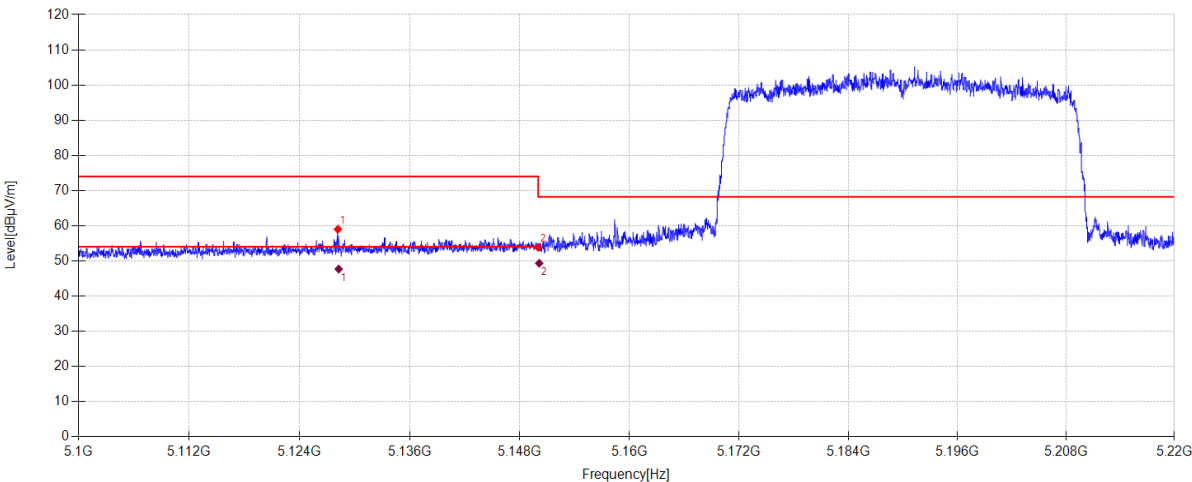
File Path:

d:\ts\2024 report data\Q24111413-1E\1128\26

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	5128.164	49.93	33.40	5.26	-29.60	58.99	74.00	15.01	PK	Vertical
2	5150.000	44.79	33.40	5.28	-29.60	53.87	68.20	14.33	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	5128.254	38.62	33.40	5.26	47.68	54	6.32	AV	Vertical
2	5150.121	40.26	33.40	5.28	49.34	54	4.66	AV	Vertical

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