

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT2 11A 5500MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

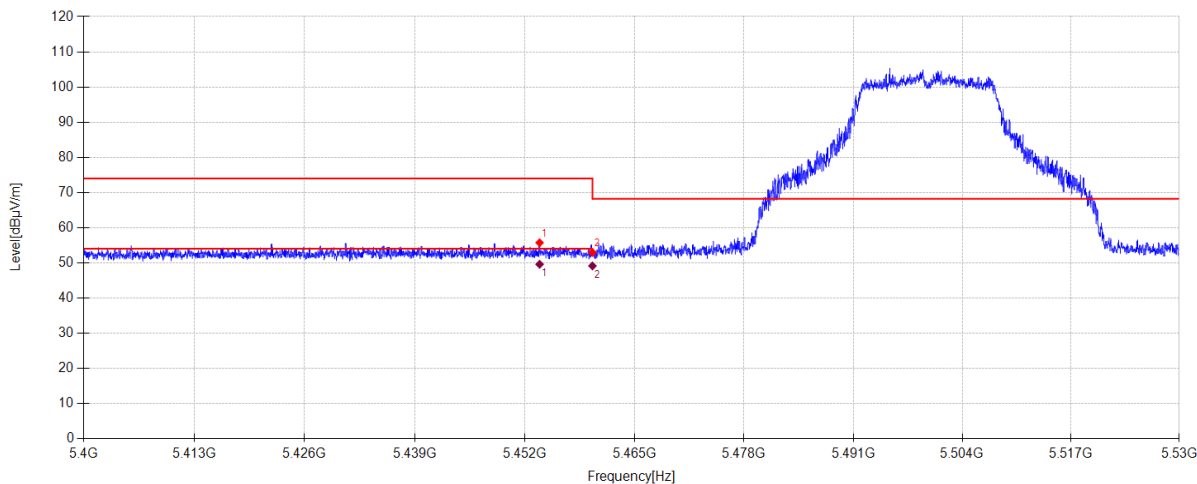
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d:\ts\2024 report data\BAR 800MK2\1219\12

Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.742	46.86	33.00	5.48	-29.60	55.74	74.00	18.26	PK	Vertical
2	5460.000	44.09	33.00	5.48	-29.60	52.97	68.20	15.23	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5453.742	40.73	33.00	5.48	49.61	54.00	4.39	AV	Vertical	
2	5460.000	40.26	33.00	5.48	49.14	54.00	4.86	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT2 11A 5320MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

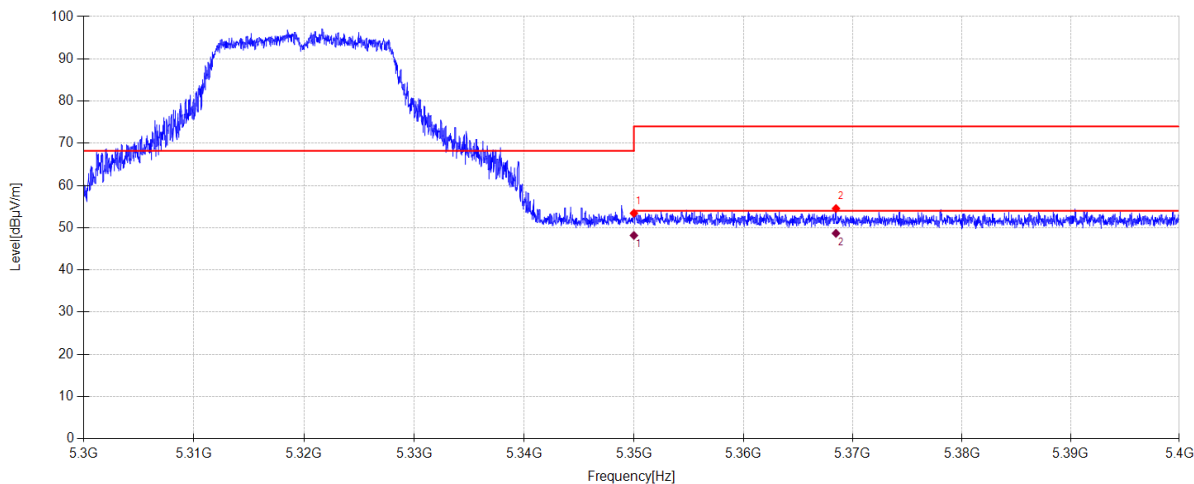
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d:\ts\2024 report data\BAR 800MK2\1219\13

Memo:

Power Setting:12

Test Graph



Data List										
NO.	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	44.52	33.10	5.41	-29.60	53.43	68.20	14.77	PK	Horizontal
2	5368.470	45.63	33.10	5.42	-29.60	54.55	74.00	19.45	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	5350.000	39.26	33.10	5.41	48.17	54.00	5.83	AV	Horizontal	
2	5368.470	39.75	33.10	5.42	48.67	54.00	5.33	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT2 11A 5320MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

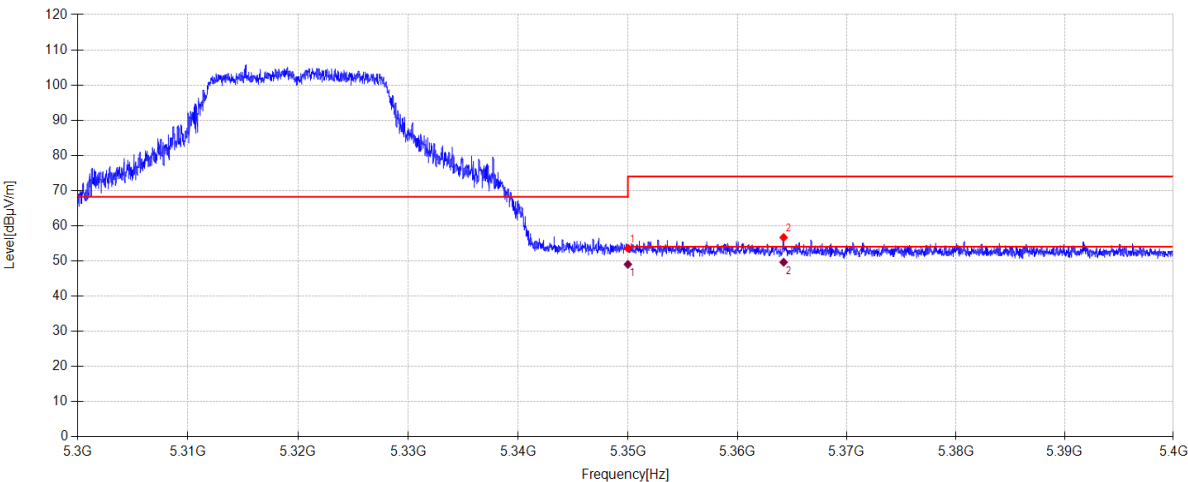
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	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	44.67	33.10	5.41	-29.60	53.58	68.20	14.62	PK	Vertical
2	5364.230	47.74	33.10	5.42	-29.60	56.66	74.00	17.34	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	5350.000	40.11	33.10	5.41	49.02	54.00	4.98	AV	Vertical	
2	5364.230	40.71	33.10	5.42	49.63	54.00	4.37	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT2 11A 5180MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

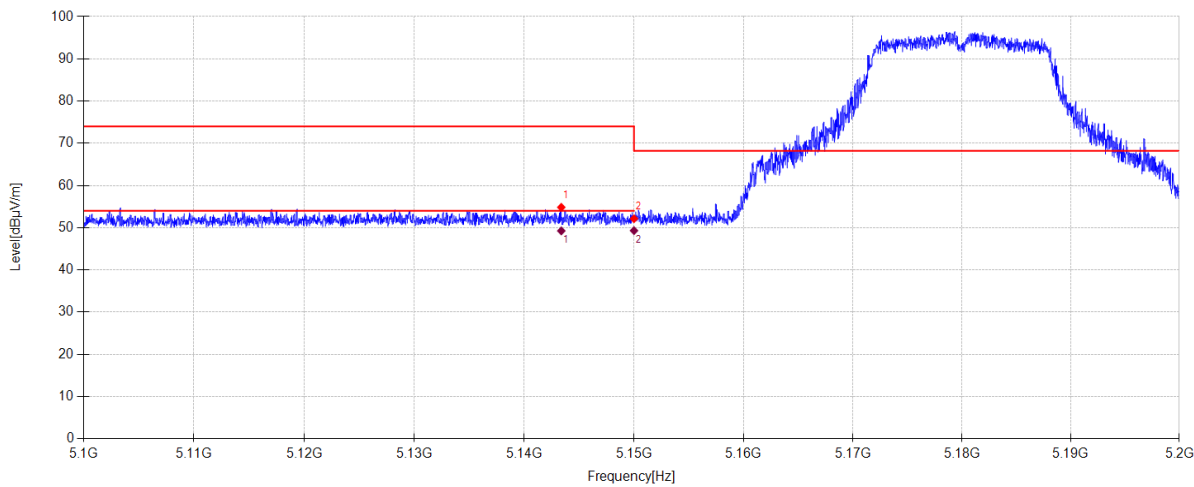
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5143.370	45.76	33.40	5.27	-29.60	54.83	74.00	19.17	PK	Horizontal
2	5150.000	43.06	33.40	5.28	-29.60	52.14	68.20	16.06	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	5143.370	40.19	33.40	5.27	49.26	54.00	4.74	AV	Horizontal
2	5150.000	40.23	33.40	5.28	49.31	54.00	4.69	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT2 11A 5180MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

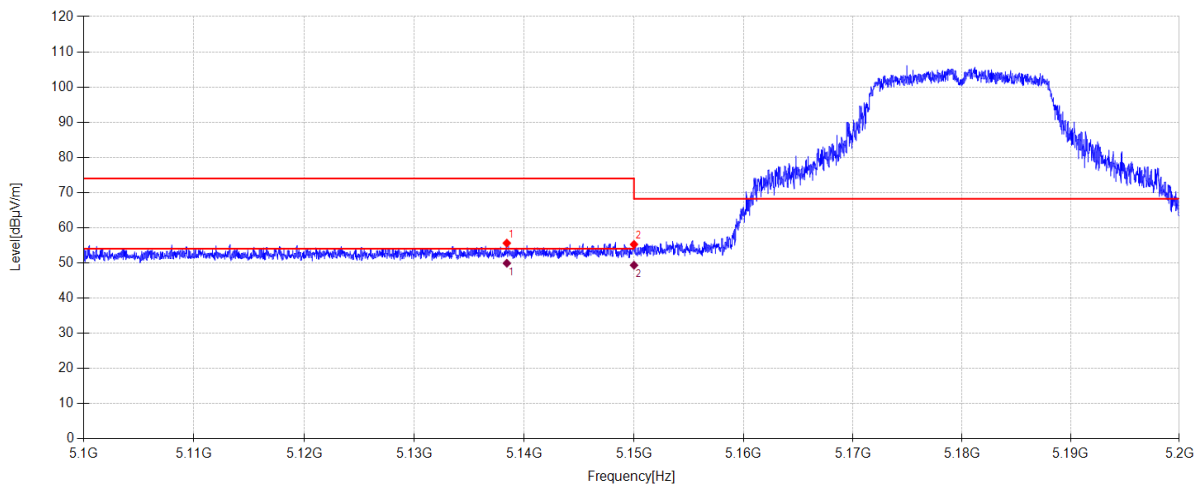
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5138.410	46.55	33.40	5.27	-29.60	55.62	74.00	18.38	PK	Vertical
2	5150.000	46.18	33.40	5.28	-29.60	55.26	68.20	12.94	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5138.410	40.84	33.40	5.27	49.91	54.00	4.09	AV	Vertical
2	5150.000	40.26	33.40	5.28	49.34	54.00	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:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5190MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

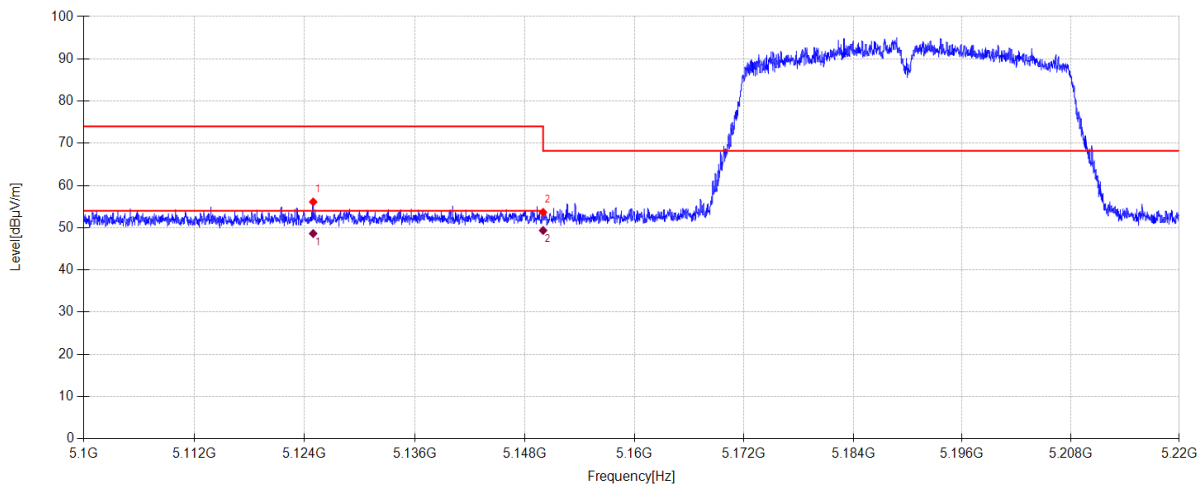
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5124.936	47.06	33.40	5.26	-29.60	56.12	74.00	17.88	PK	Horizontal
2	5150.000	44.58	33.40	5.28	-29.60	53.66	68.20	14.54	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5124.936	39.56	33.40	5.26	48.62	54.00	5.38	AV	Horizontal
2	5150.000	40.28	33.40	5.28	49.36	54.00	4.64	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5190MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

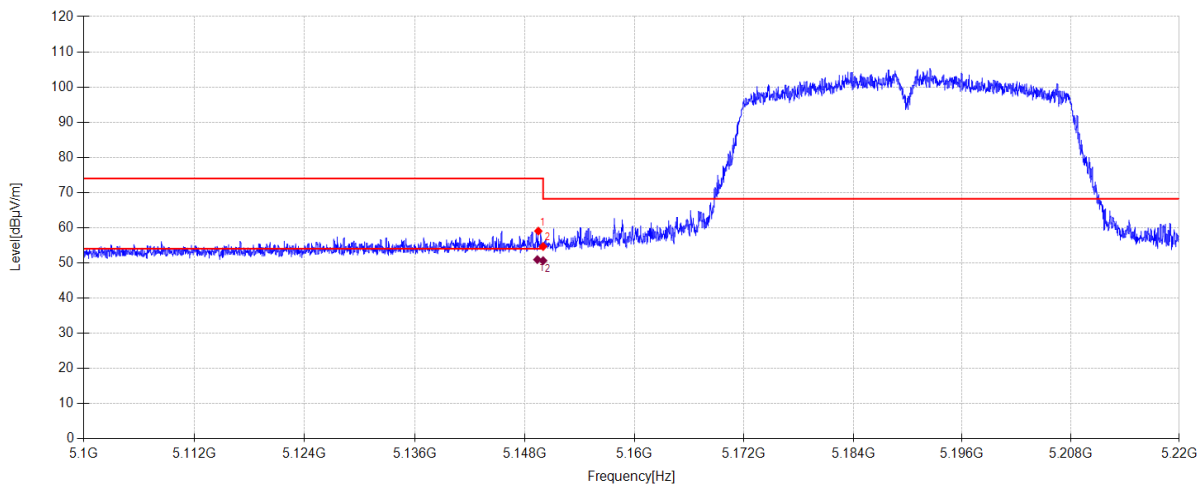
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.476	49.96	33.40	5.28	-29.60	59.04	74.00	14.96	PK	Vertical
2	5150.000	45.58	33.40	5.28	-29.60	54.66	68.20	13.54	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5149.373	41.86	33.40	5.28	50.94	54.00	3.06	AV	Vertical	
2	5150.000	41.57	33.40	5.28	50.65	54.00	3.35	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5310MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

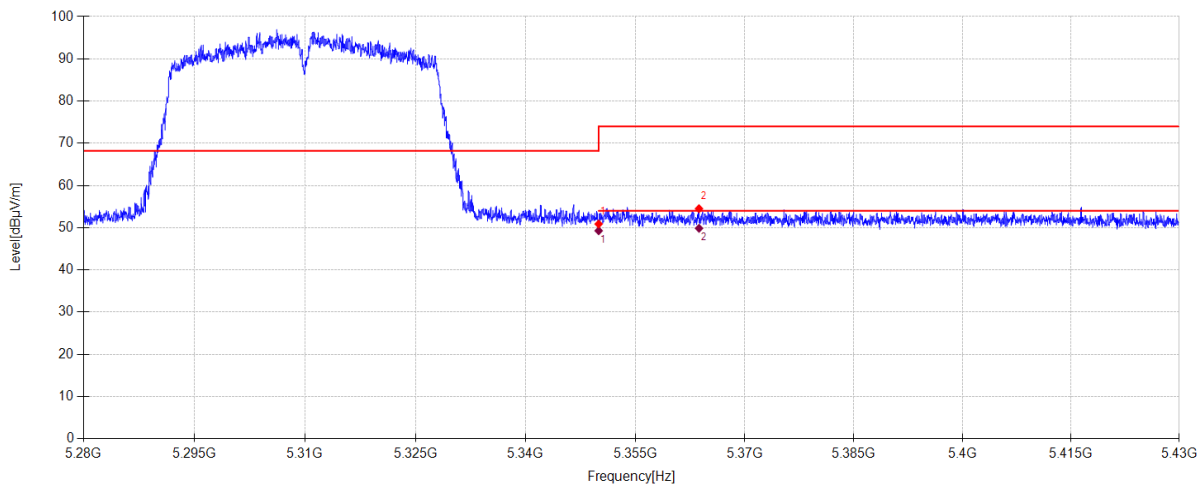
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	41.97	33.10	5.41	-29.60	50.88	68.20	17.32	PK	Horizontal
2	5363.745	45.60	33.10	5.42	-29.60	54.52	74.00	19.48	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	40.37	33.10	5.41	49.28	54.00	4.72	AV	Horizontal
2	5363.745	40.94	33.10	5.42	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:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5310MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

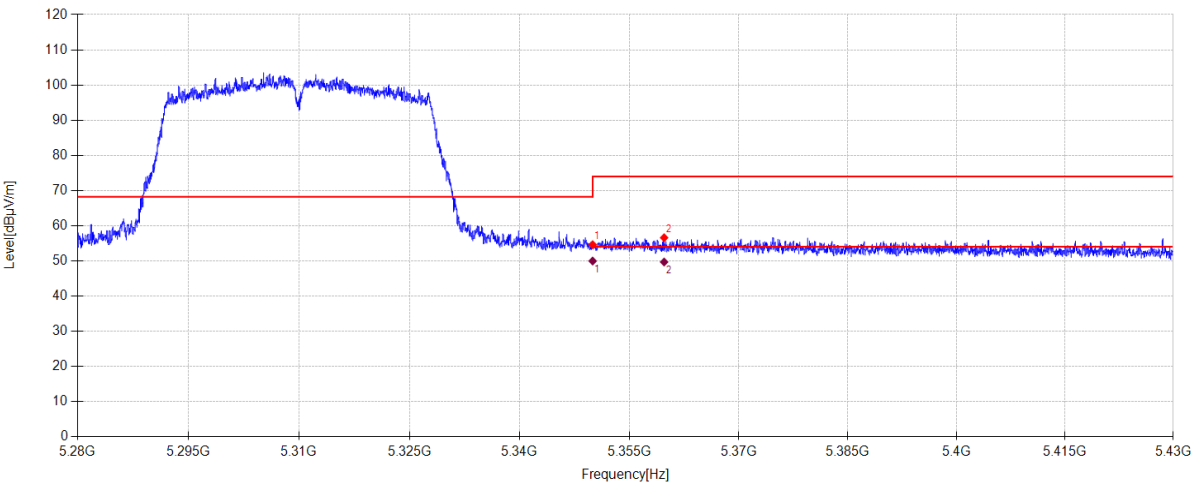
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	45.69	33.10	5.41	-29.60	54.60	68.20	13.60	PK	Vertical
2	5359.785	47.67	33.10	5.42	-29.60	56.59	74.00	17.41	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	5350.000	41.06	33.10	5.41	49.97	54.00	4.03	AV	Vertical	
2	5359.785	40.77	33.10	5.42	49.69	54.00	4.31	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5510MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

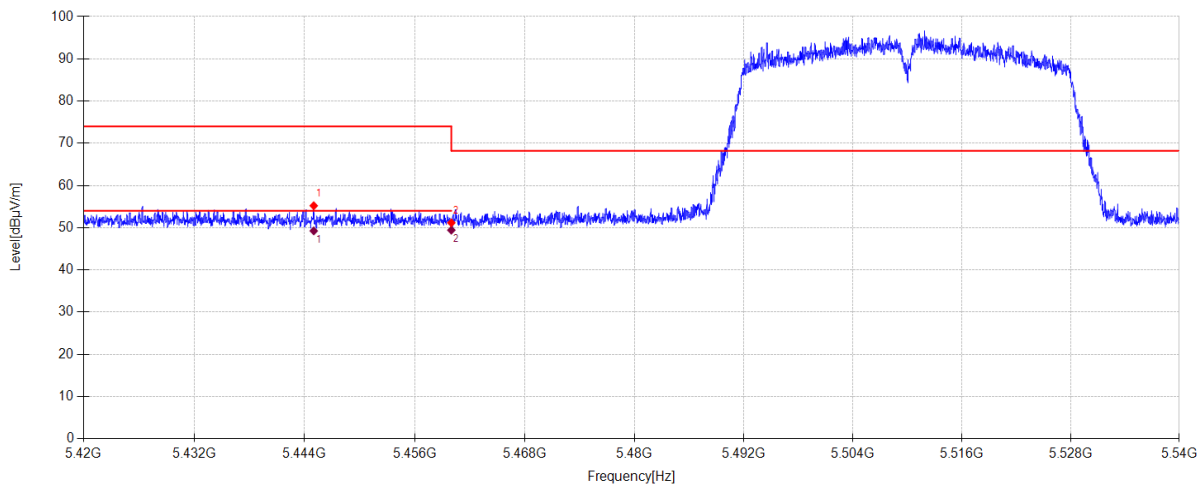
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5445.008	46.33	33.01	5.47	-29.60	55.21	74.00	18.79	PK	Horizontal
2	5460.000	42.28	33.00	5.48	-29.60	51.16	68.20	17.04	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	5445.008	40.37	33.01	5.47	49.25	54.00	4.75	AV	Horizontal	
2	5460.000	40.55	33.00	5.48	49.43	54.00	4.57	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5510MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

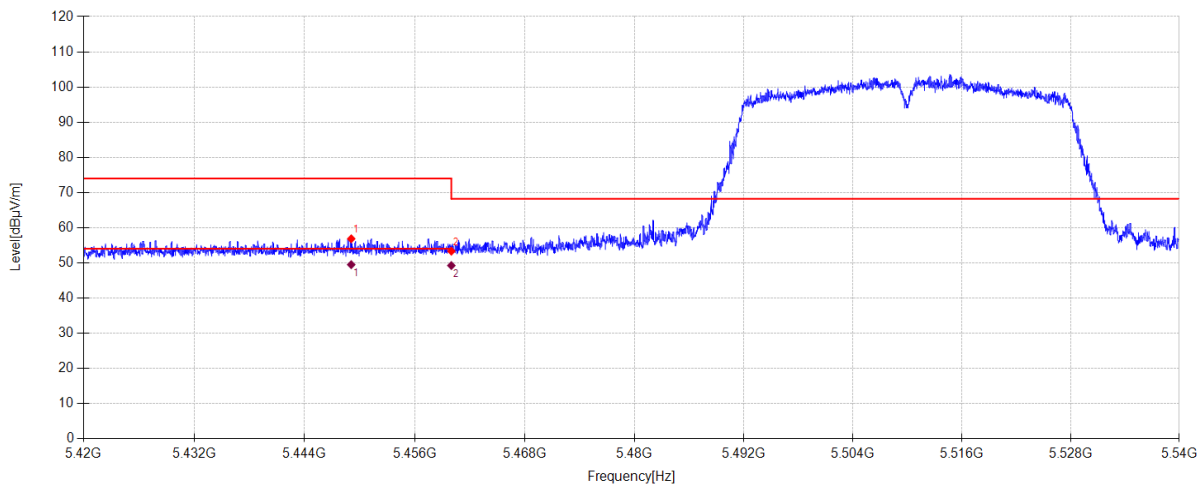
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5449.088	47.98	33.00	5.48	-29.60	56.86	74.00	17.14	PK	Vertical
2	5460.000	44.45	33.00	5.48	-29.60	53.33	68.20	14.87	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	5449.088	40.62	33.00	5.48	49.50	54.00	4.50	AV	Vertical	
2	5460.000	40.37	33.00	5.48	49.25	54.00	4.75	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5670MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

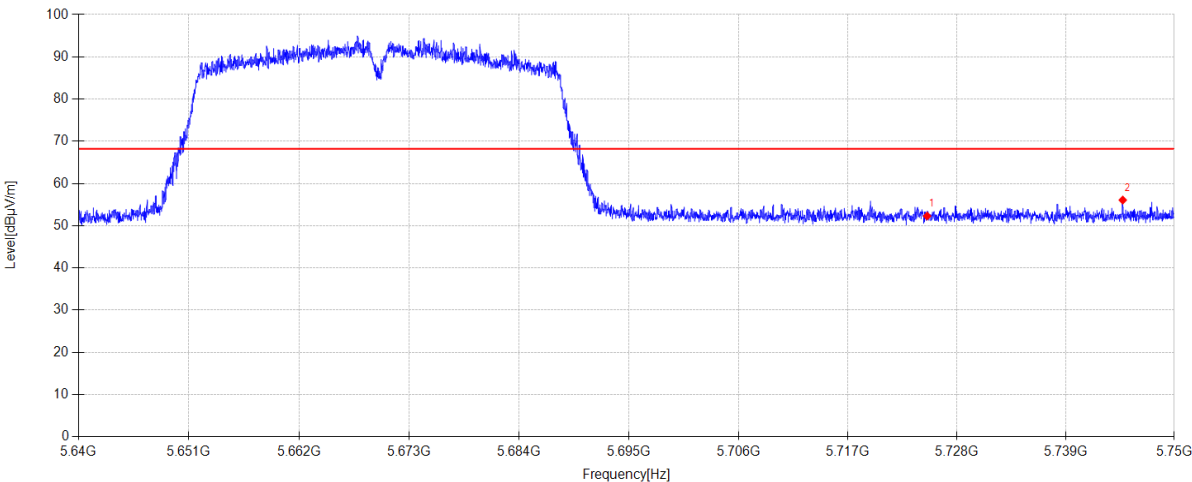
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d:\ts\2024 report data\BAR 800MK2\1219\23

Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	42.48	33.75	5.66	-29.60	52.29	68.20	15.91	PK	Horizontal
2	5744.775	46.14	33.87	5.67	-29.60	56.08	68.20	12.12	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5670MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

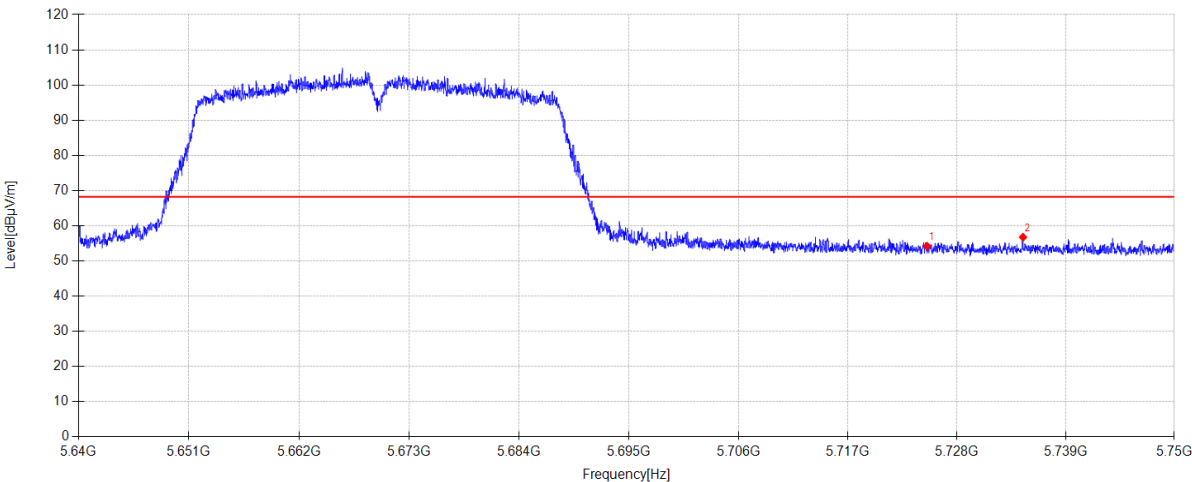
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d:\ts\2024 report data\BAR 800MK2\1219\24

Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	44.37	33.75	5.66	-29.60	54.18	68.20	14.02	PK	Vertical
2	5734.688	46.87	33.81	5.66	-29.60	56.74	68.20	11.46	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5180MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

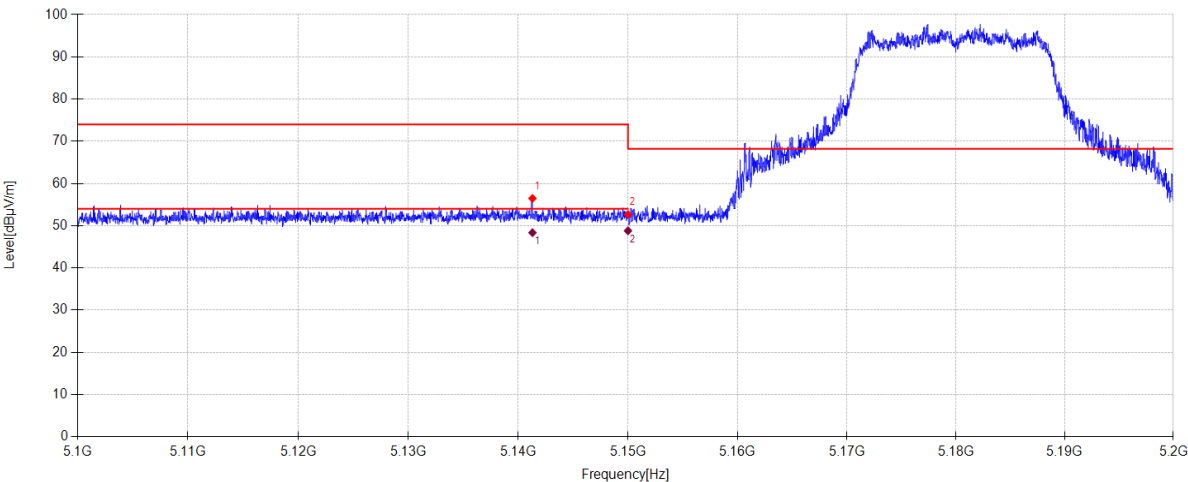
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d:\ts\2024 report data\BAR 800MK2\1219\25

Memo:

Power Setting:11

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.290	47.40	33.40	5.27	-29.60	56.47	74.00	17.53	PK	Horizontal
2	5150.000	43.58	33.40	5.28	-29.60	52.66	68.20	15.54	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.290	39.29	33.40	5.27	48.36	54.00	5.64	AV	Horizontal
2	5150.000	39.71	33.40	5.28	48.79	54.00	5.21	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5180MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

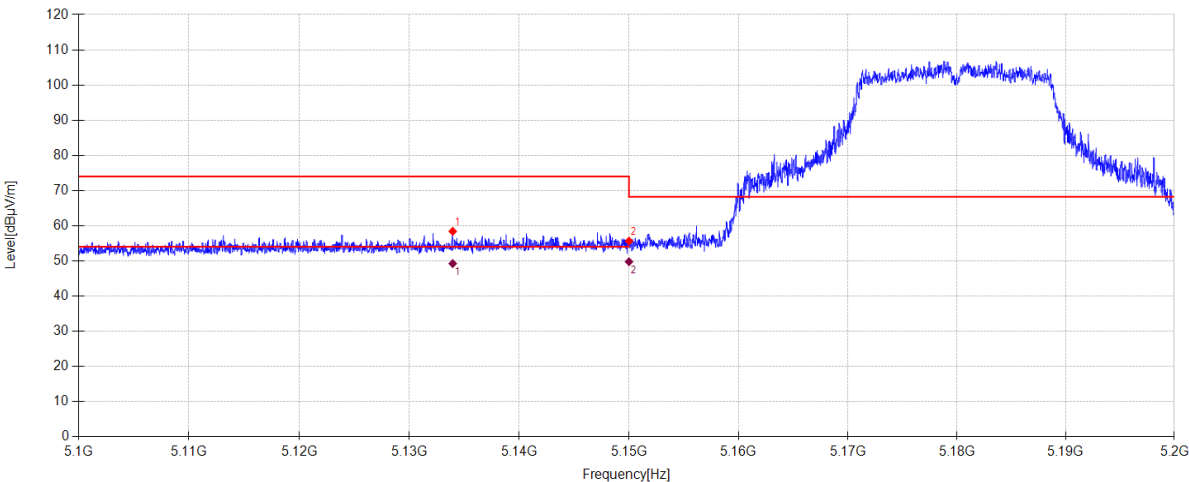
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d:\ts\2024 report data\BAR 800MK2\1219\26

Memo:

Power Setting:11

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5133.940	49.33	33.40	5.27	-29.60	58.40	74.00	15.60	PK	Vertical
2	5150.000	46.56	33.40	5.28	-29.60	55.64	68.20	12.56	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5133.940	40.17	33.40	5.27	49.24	54.00	4.76	AV	Vertical
2	5150.000	40.69	33.40	5.28	49.77	54.00	4.23	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:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5320MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

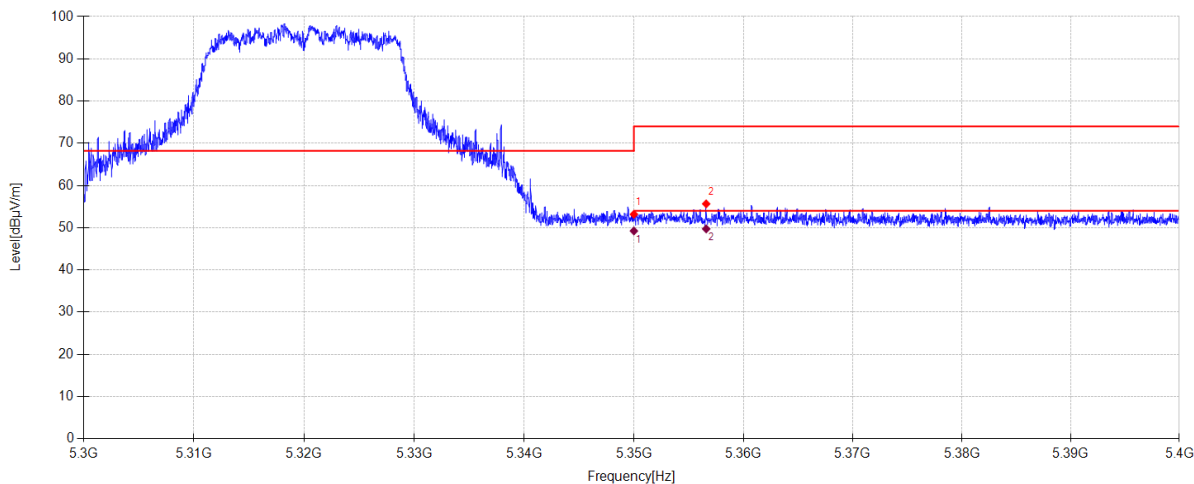
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	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	44.27	33.10	5.41	-29.60	53.18	68.20	15.02	PK	Horizontal
2	5356.600	46.73	33.10	5.42	-29.60	55.65	74.00	18.35	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	40.33	33.10	5.41	49.24	54.00	4.76	AV	Horizontal
2	5356.600	40.81	33.10	5.42	49.73	54.00	4.27	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5320MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

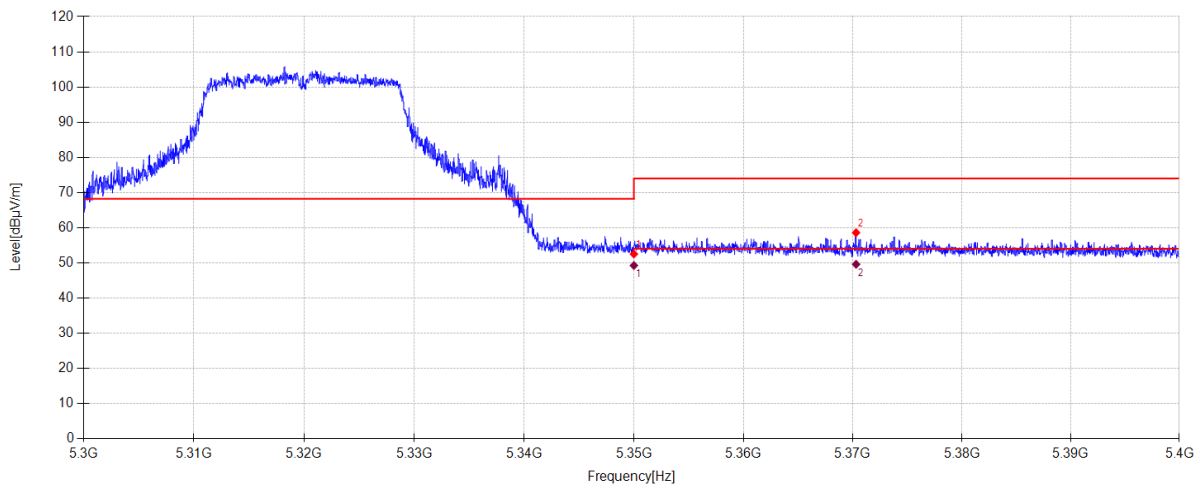
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	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	43.61	33.10	5.41	-29.60	52.52	68.20	15.68	PK	Vertical
2	5370.310	49.68	33.10	5.42	-29.60	58.60	74.00	15.40	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	5350.000	40.35	33.10	5.41	49.26	54.00	4.74	AV	Vertical	
2	5370.310	40.69	33.10	5.42	49.61	54.00	4.39	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5500MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

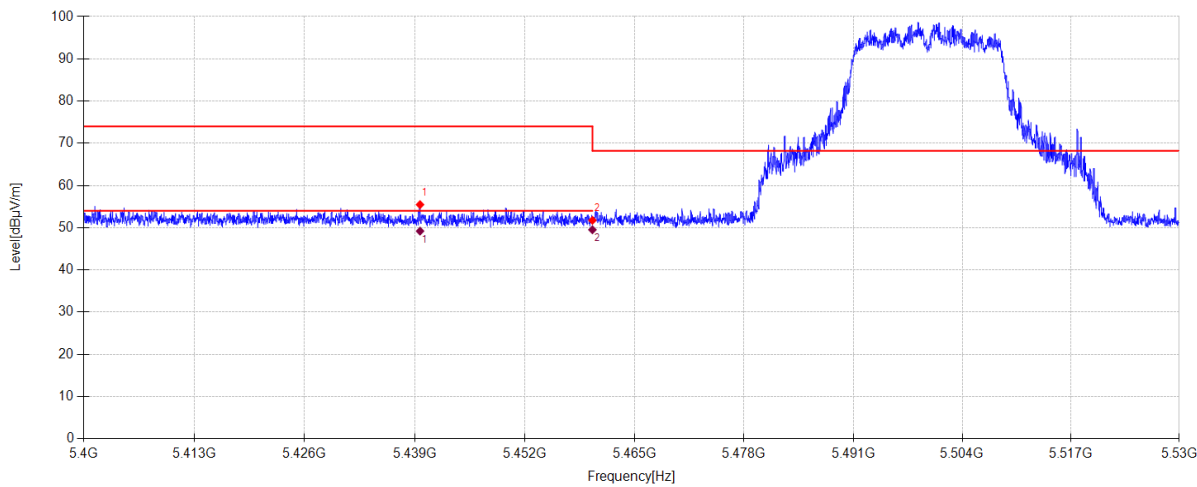
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.611	46.58	33.02	5.47	-29.60	55.47	74.00	18.53	PK	Horizontal
2	5460.000	42.87	33.00	5.48	-29.60	51.75	68.20	16.45	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5439.611	40.31	33.02	5.47	49.20	54.00	4.80	AV	Horizontal	
2	5460.000	40.64	33.00	5.48	49.52	54.00	4.48	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5500MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

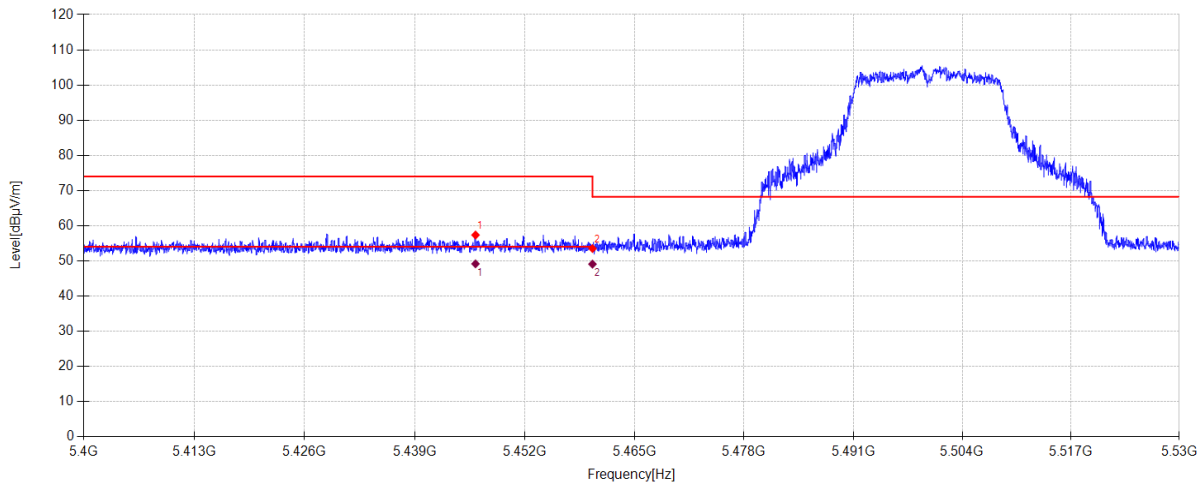
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5446.163	48.47	33.01	5.47	-29.60	57.35	74.00	16.65	PK	Vertical
2	5460.000	44.65	33.00	5.48	-29.60	53.53	68.20	14.67	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	5446.158	40.28	33.01	5.47	49.16	54.00	4.84	AV	Vertical	
2	5460.000	40.21	33.00	5.48	49.09	54.00	4.91	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5700MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

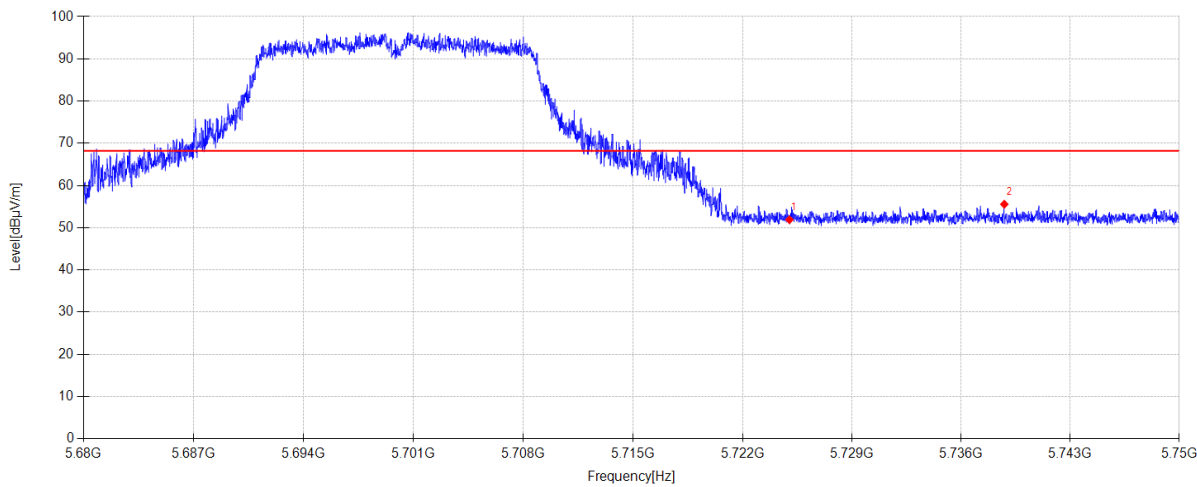
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	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	42.09	33.75	5.66	-29.60	51.90	68.20	16.30	PK	Horizontal
2	5738.765	45.66	33.83	5.67	-29.60	55.56	68.20	12.64	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5700MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

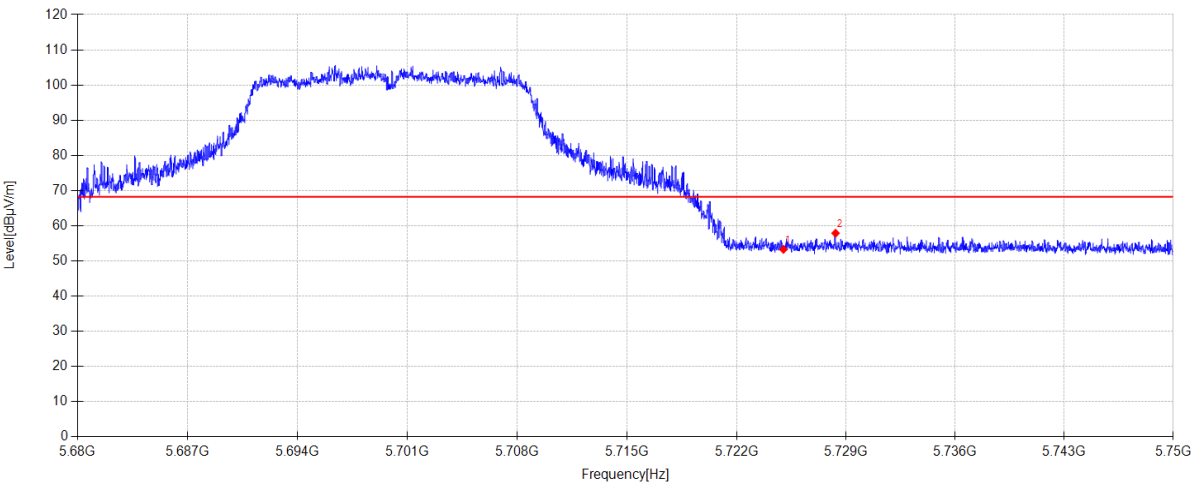
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	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	43.46	33.75	5.66	-29.60	53.27	68.20	14.93	PK	Vertical
2	5728.335	48.05	33.77	5.66	-29.60	57.88	68.20	10.32	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5180MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

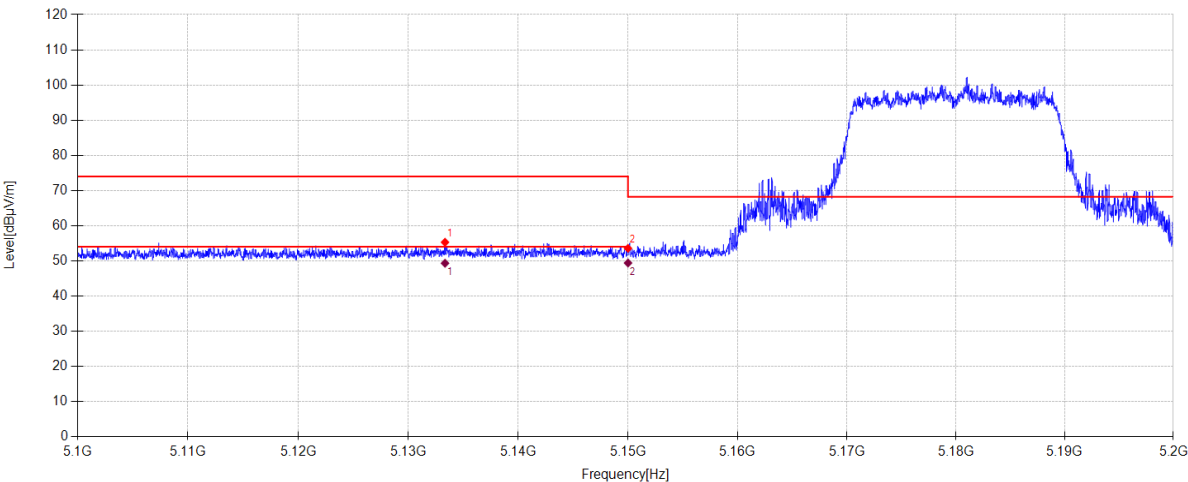
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Memo:

Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5133.330	46.23	33.40	5.27	-29.60	55.30	74.00	18.70	PK	Horizontal
2	5150.000	44.49	33.40	5.28	-29.60	53.57	68.20	14.63	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	5133.330	40.26	33.40	5.27	49.33	54.00	4.67	AV	Horizontal
2	5150.000	40.33	33.40	5.28	49.41	54.00	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:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5180MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

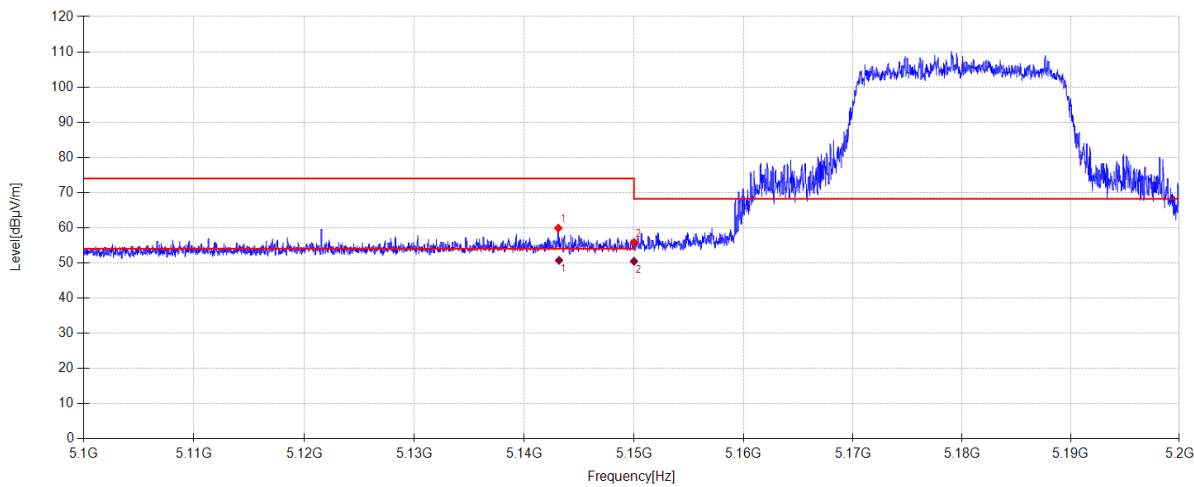
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Memo:

Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5143.100	50.82	33.40	5.27	-29.60	59.89	74.00	14.11	PK	Vertical
2	5150.000	46.77	33.40	5.28	-29.60	55.85	68.20	12.35	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5143.165	41.66	33.40	5.27	50.73	54.00	3.27	AV	Vertical	
2	5150.000	41.39	33.40	5.28	50.47	54.00	3.53	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5320MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

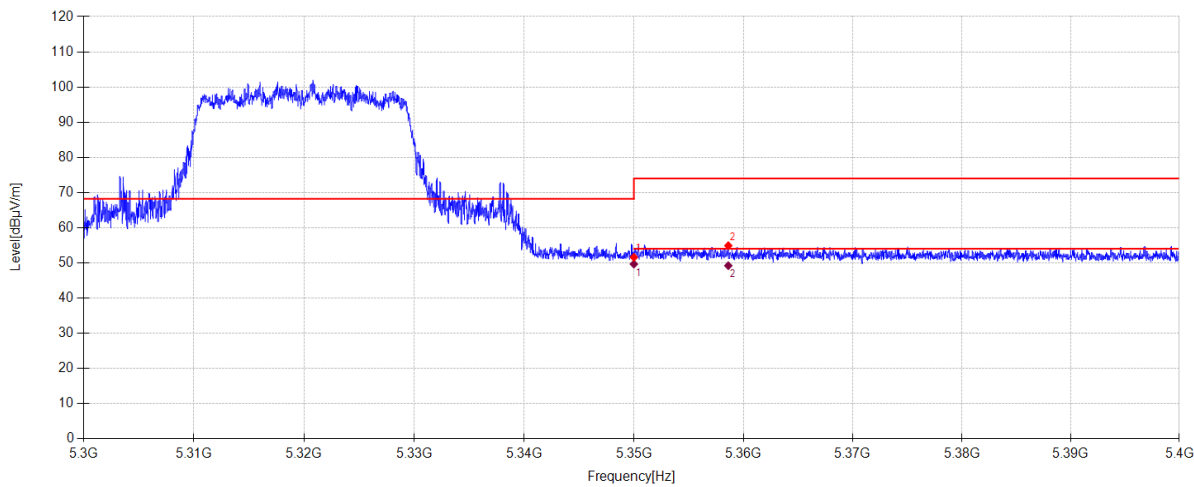
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Memo:

Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.68	33.10	5.41	-29.60	51.59	68.20	16.61	PK	Horizontal
2	5358.620	45.98	33.10	5.42	-29.60	54.90	74.00	19.10	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	40.76	33.10	5.41	49.67	54.00	4.33	AV	Horizontal
2	5358.620	40.29	33.10	5.42	49.21	54.00	4.79	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5320MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

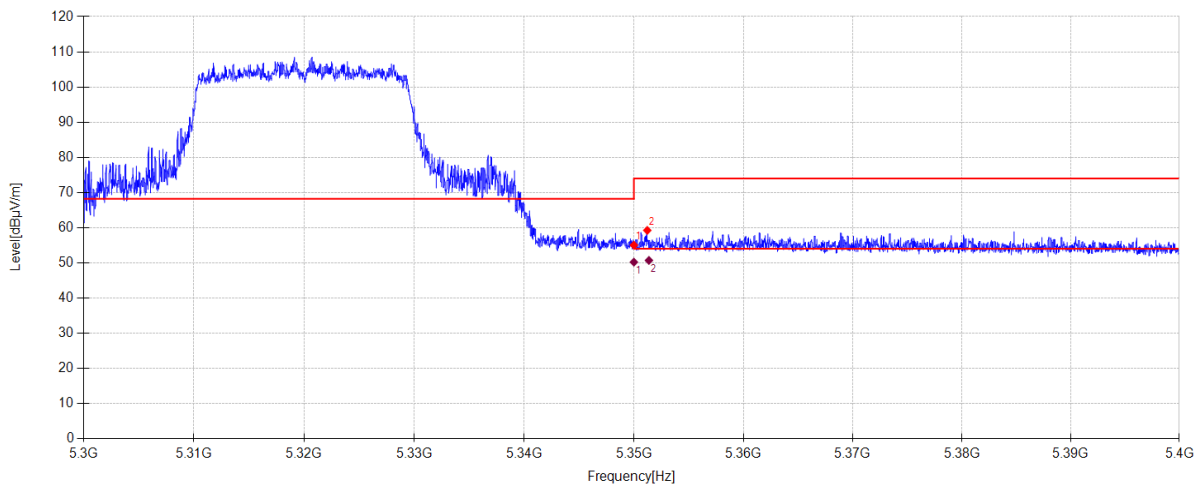
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Memo:

Power Setting:13

Test Graph



Data List										
NO.	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	46.13	33.10	5.41	-29.60	55.04	68.20	13.16	PK	Vertical
2	5351.220	50.34	33.10	5.41	-29.60	59.25	74.00	14.75	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	41.32	33.10	5.41	50.23	54.00	3.77	AV	Vertical
2	5351.370	41.80	33.10	5.41	50.71	54.00	3.29	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5500MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

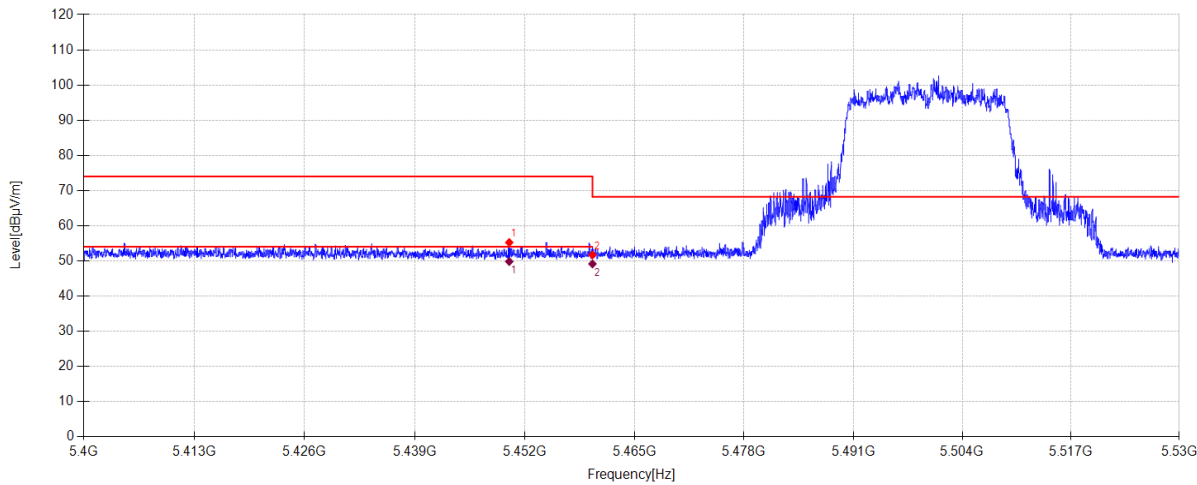
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d:\ts\2024 report data\BAR 800MK2\1219\37

Memo:

Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.154	46.36	33.00	5.48	-29.60	55.24	74.00	18.76	PK	Horizontal
2	5460.000	42.84	33.00	5.48	-29.60	51.72	68.20	16.48	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	5450.154	40.94	33.00	5.48	49.82	54.00	4.18	AV	Horizontal	
2	5460.000	40.27	33.00	5.48	49.15	54.00	4.85	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5500MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

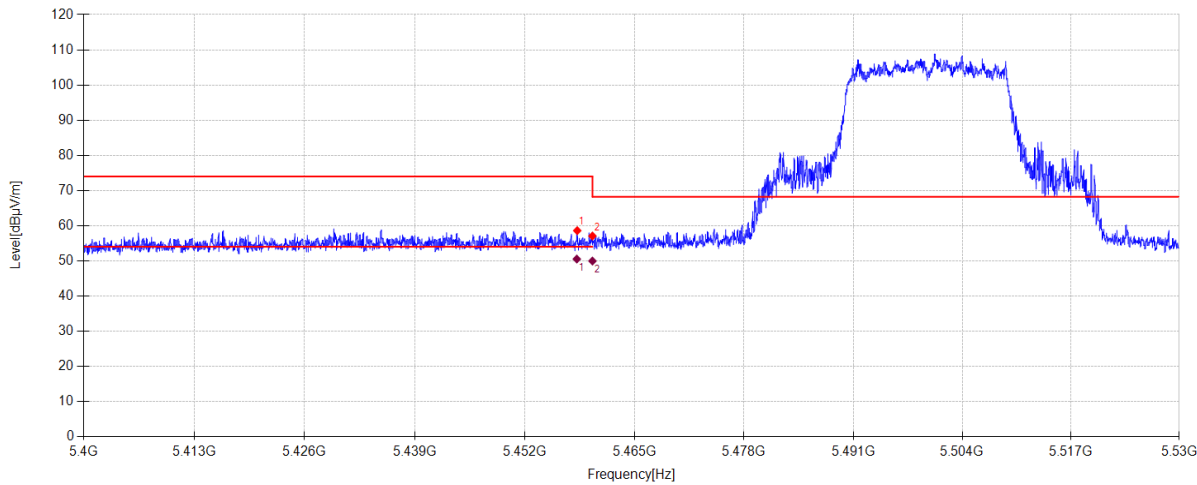
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d:\ts\2024 report data\BAR 800MK2\1219\38

Memo:

Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.201	49.73	33.00	5.48	-29.60	58.61	74.00	15.39	PK	Vertical
2	5460.000	48.19	33.00	5.48	-29.60	57.07	68.20	11.13	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.147	41.65	33.00	5.48	50.53	54.00	3.47	AV	Vertical
2	5460.000	41.08	33.00	5.48	49.96	54.00	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:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5700MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

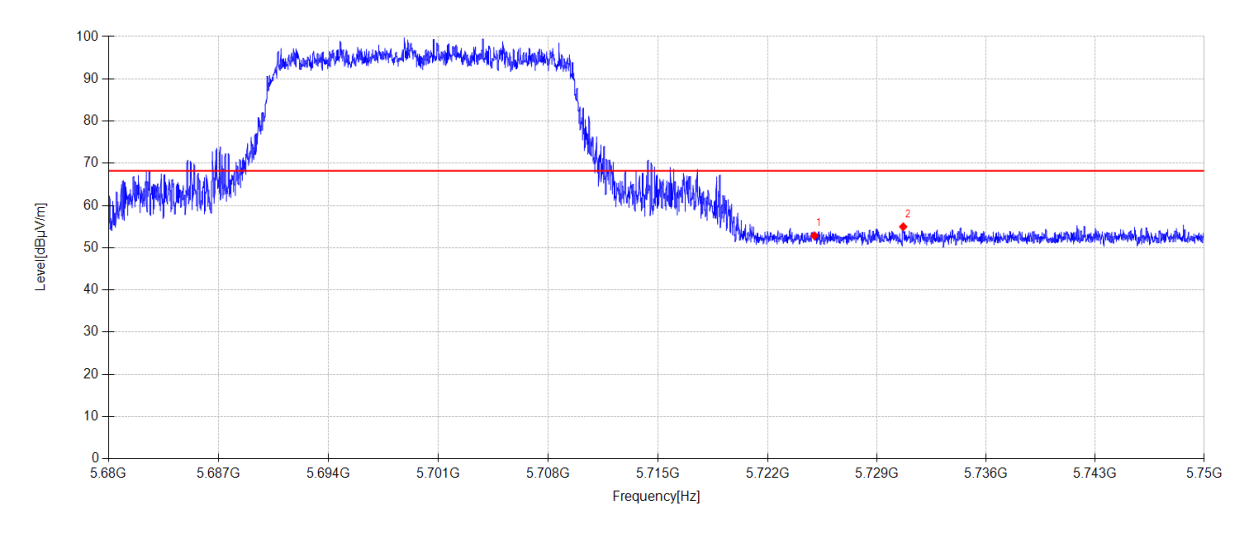
File Path:

d:\ts\2024 report data\BAR 800MK2\1219\39

Memo:

Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	43.04	33.75	5.66	-29.60	52.85	68.20	15.35	PK	Horizontal
2	5730.680	45.13	33.78	5.66	-29.60	54.97	68.20	13.23	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5700MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

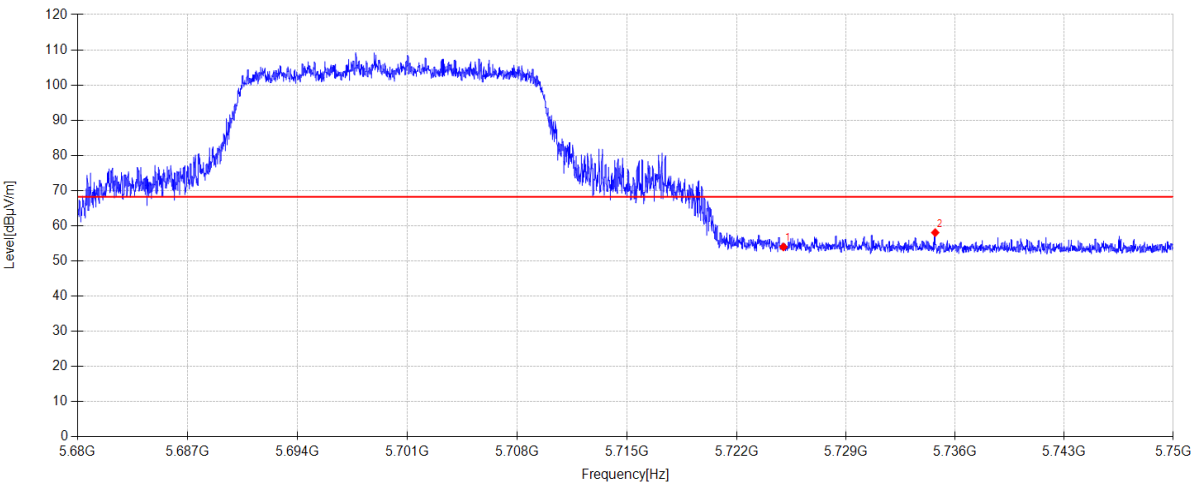
File Path:

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Memo:

Power Setting:13

Test Graph



Data List										
NO.	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	44.16	33.75	5.66	-29.60	53.97	68.20	14.23	PK	Vertical
2	5734.719	48.17	33.81	5.66	-29.60	58.04	68.20	10.16	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:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5190MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

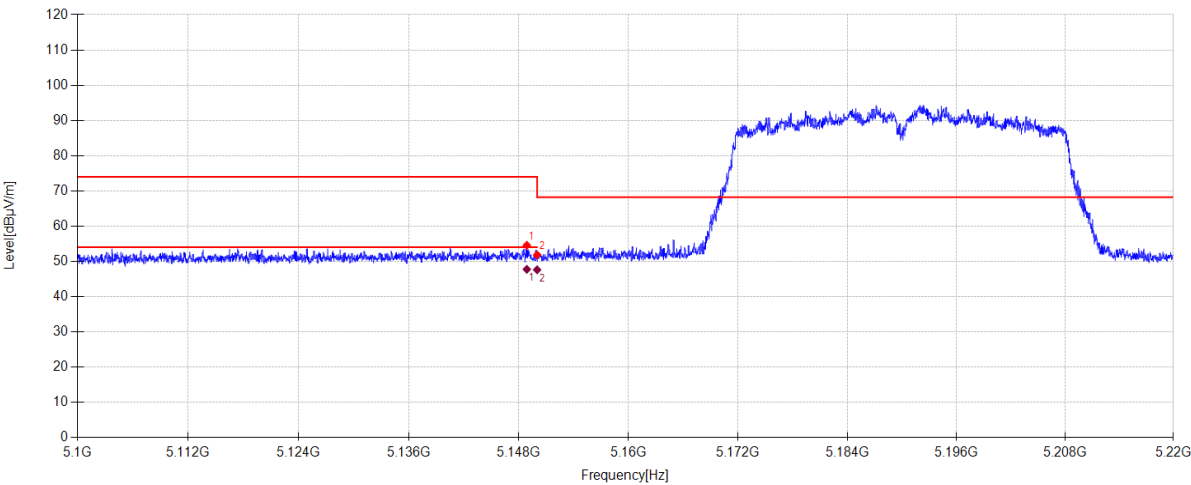
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d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\59

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.876	45.49	33.40	5.28	-29.60	54.57	74.00	19.43	PK	Horizontal
2	5150.000	42.76	33.40	5.28	-29.60	51.84	68.20	16.36	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5148.876	38.67	33.40	5.28	47.75	54.00	6.25	AV	Horizontal	
2	5150.000	38.54	33.40	5.28	47.62	54.00	6.38	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5190MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

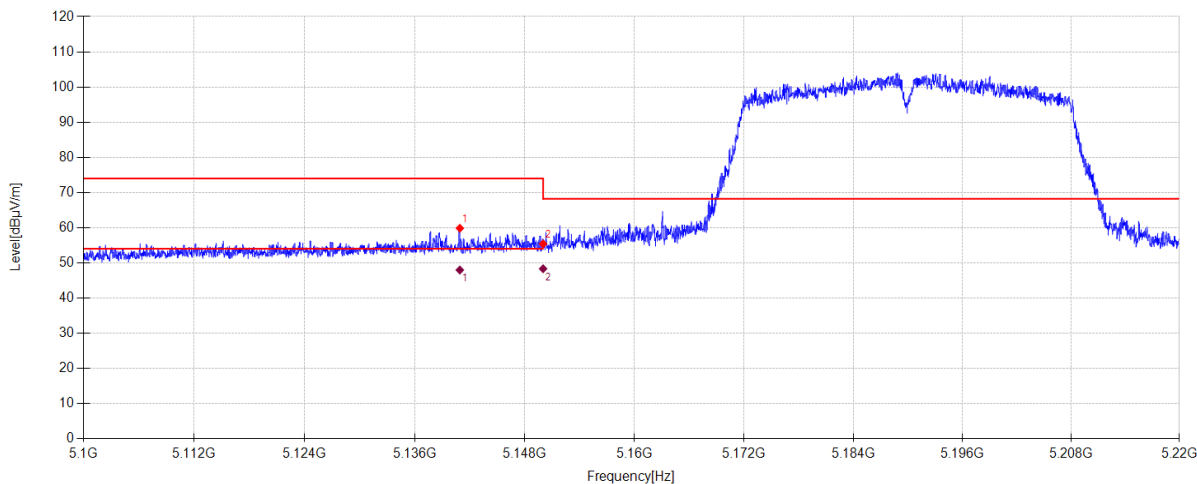
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.908	50.79	33.40	5.27	-29.60	59.86	74.00	14.14	PK	Vertical
2	5150.000	46.34	33.40	5.28	-29.60	55.42	68.20	12.78	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	5140.908	38.91	33.40	5.27	47.98	54.00	6.02	AV	Vertical	
2	5150.000	39.26	33.40	5.28	48.34	54.00	5.66	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5310MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

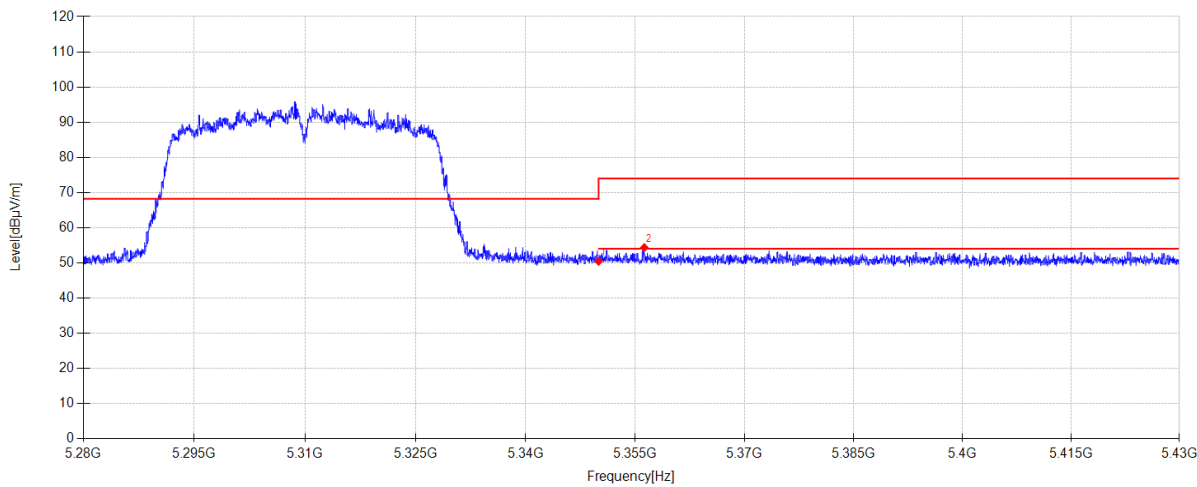
File Path:

d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\61

Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	41.52	33.10	5.41	-29.60	50.43	68.20	17.77	PK	Horizontal
2	5356.245	45.45	33.10	5.42	-29.60	54.37	74.00	19.63	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5310MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

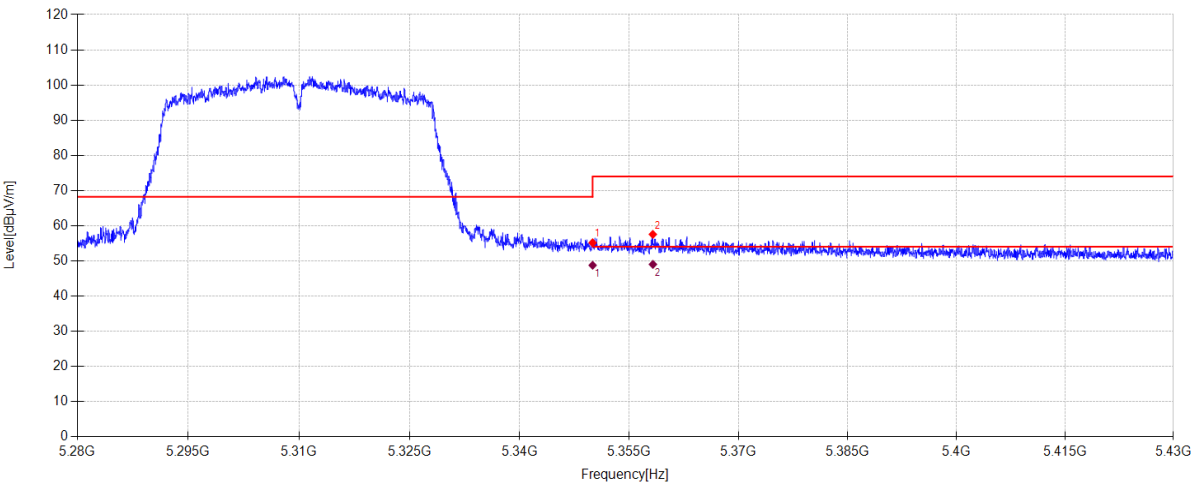
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	46.25	33.10	5.41	-29.60	55.16	68.20	13.04	PK	Vertical
2	5358.240	48.63	33.10	5.42	-29.60	57.55	74.00	16.45	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	39.84	33.10	5.41	48.75	54.00	5.25	AV	Vertical
2	5358.249	40.10	33.10	5.42	49.02	54.00	4.98	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5510MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

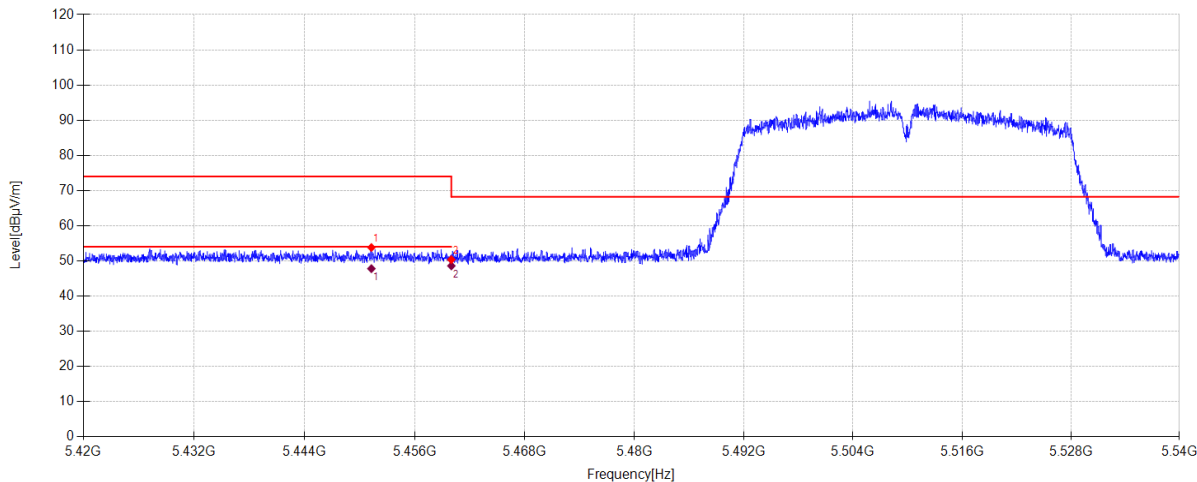
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.284	44.93	33.00	5.48	-29.60	53.81	74.00	20.19	PK	Horizontal
2	5460.000	41.49	33.00	5.48	-29.60	50.37	68.20	17.83	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5451.284	38.91	33.00	5.48	47.79	54.00	6.21	AV	Horizontal	
2	5460.000	39.71	33.00	5.48	48.59	54.00	5.41	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5510MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

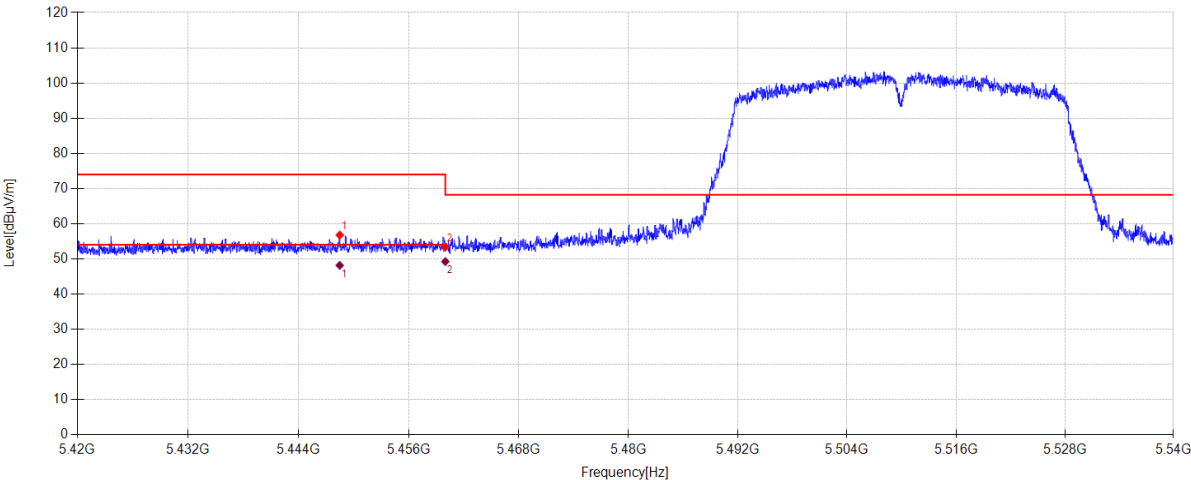
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5448.488	47.90	33.00	5.48	-29.60	56.78	74.00	17.22	PK	Vertical
2	5460.000	44.47	33.00	5.48	-29.60	53.35	68.20	14.85	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	5448.488	39.27	33.00	5.48	48.15	54.00	5.85	AV	Vertical	
2	5460.000	40.36	33.00	5.48	49.24	54.00	4.76	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5670MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

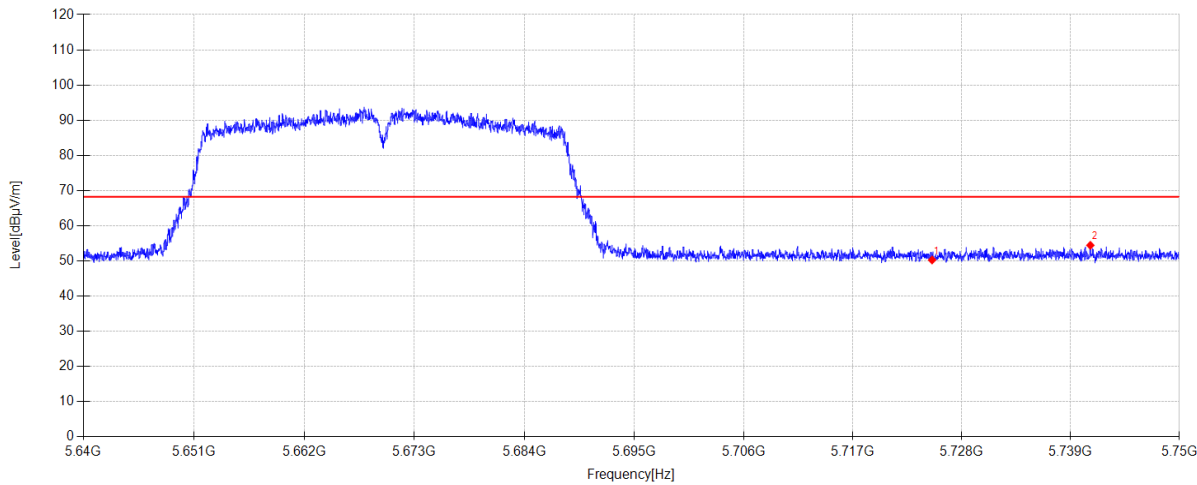
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d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\65

Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	40.46	33.75	5.66	-29.60	50.27	68.20	17.93	PK	Horizontal
2	5740.991	44.51	33.85	5.67	-29.60	54.43	68.20	13.77	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5670MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

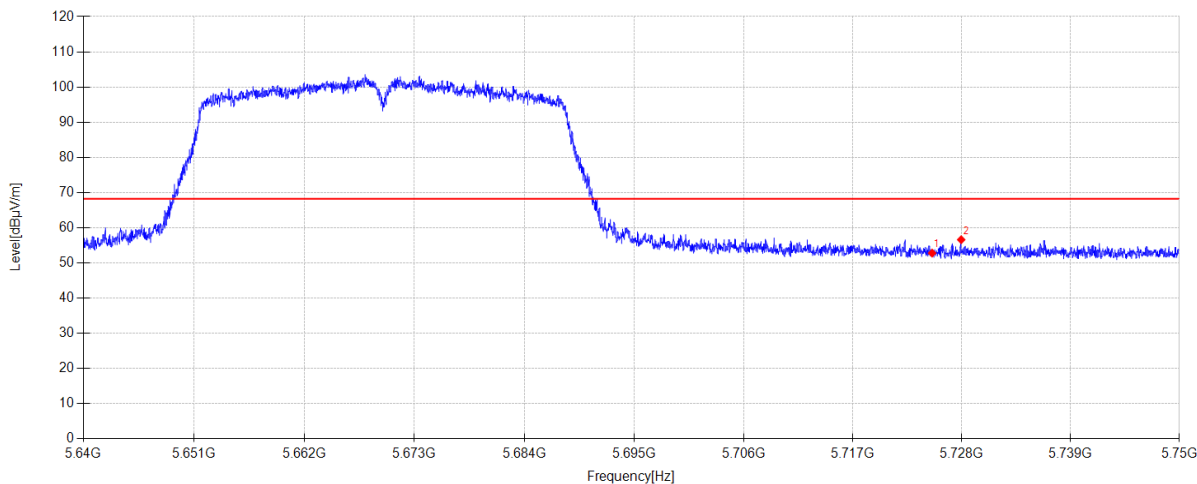
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d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\66

Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	42.98	33.75	5.66	-29.60	52.79	68.20	15.41	PK	Vertical
2	5727.934	46.77	33.77	5.66	-29.60	56.60	68.20	11.60	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5210MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

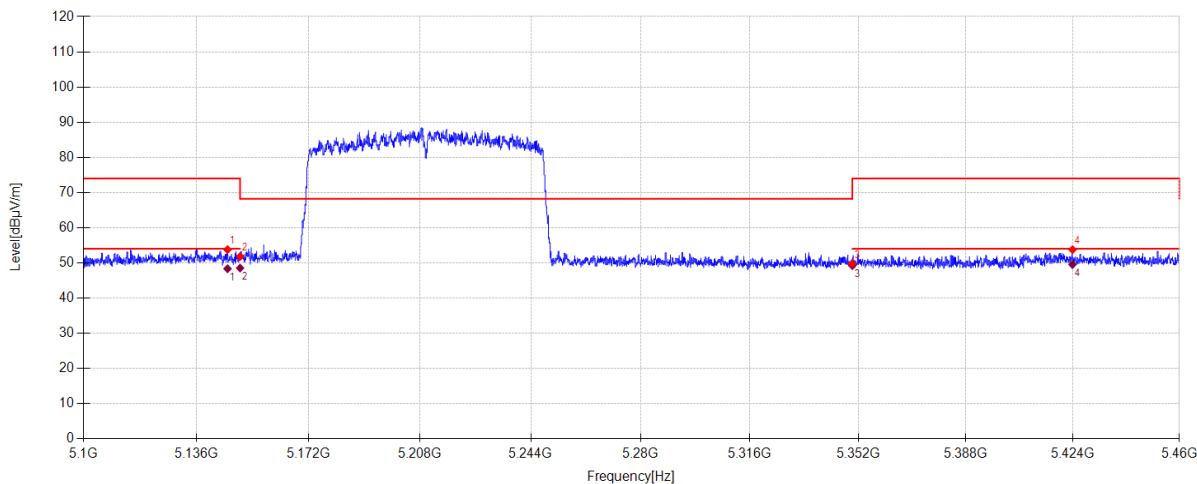
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.972	44.71	33.40	5.28	-29.60	53.79	74.00	20.21	PK	Horizontal
2	5150.000	42.74	33.40	5.28	-29.60	51.82	68.20	16.38	PK	Horizontal
3	5350.000	40.87	33.10	5.41	-29.60	49.78	68.20	18.42	PK	Horizontal
4	5423.820	44.86	33.05	5.46	-29.60	53.77	74.00	20.23	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.972	39.27	33.40	5.28	48.35	54.00	5.65	AV	Horizontal
2	5150.000	39.46	33.40	5.28	48.54	54.00	5.46	AV	Horizontal
3	5350.000	40.33	33.10	5.41	49.24	54.00	4.76	AV	Horizontal
4	5423.820	40.62	33.05	5.46	49.53	54.00	4.47	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5210MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

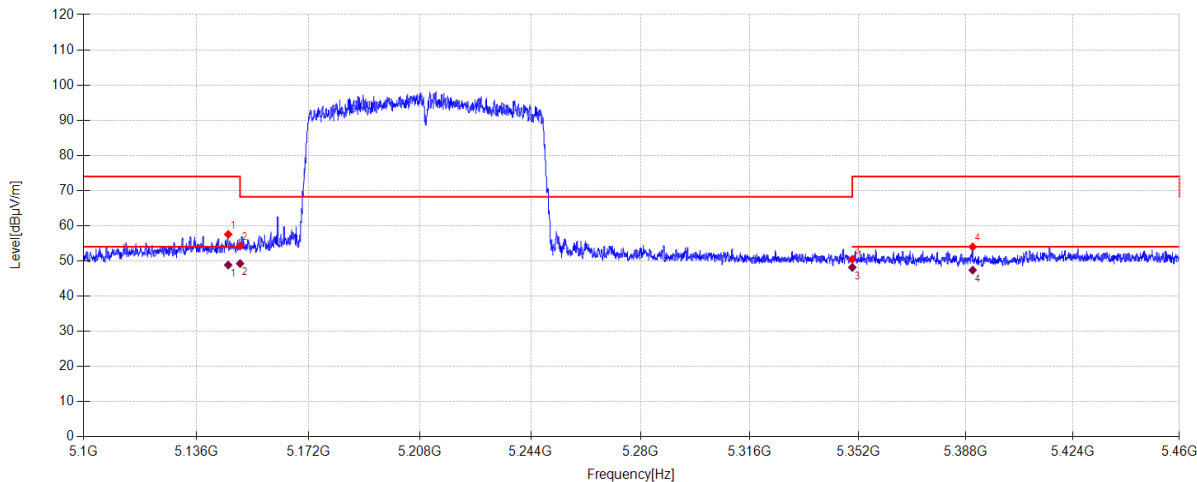
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.188	48.46	33.40	5.28	-29.60	57.54	74.00	16.46	PK	Vertical
2	5150.000	45.16	33.40	5.28	-29.60	54.24	68.20	13.96	PK	Vertical
3	5350.000	41.55	33.10	5.41	-29.60	50.46	68.20	17.74	PK	Vertical
4	5390.232	45.04	33.10	5.44	-29.60	53.98	74.00	20.02	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.188	39.74	33.40	5.28	48.82	54.00	5.18	AV	Vertical
2	5150.000	40.16	33.40	5.28	49.24	54.00	4.76	AV	Vertical
3	5350.000	39.23	33.10	5.41	48.14	54.00	5.86	AV	Vertical
4	5390.232	38.44	33.10	5.44	47.38	54.00	6.62	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5290MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

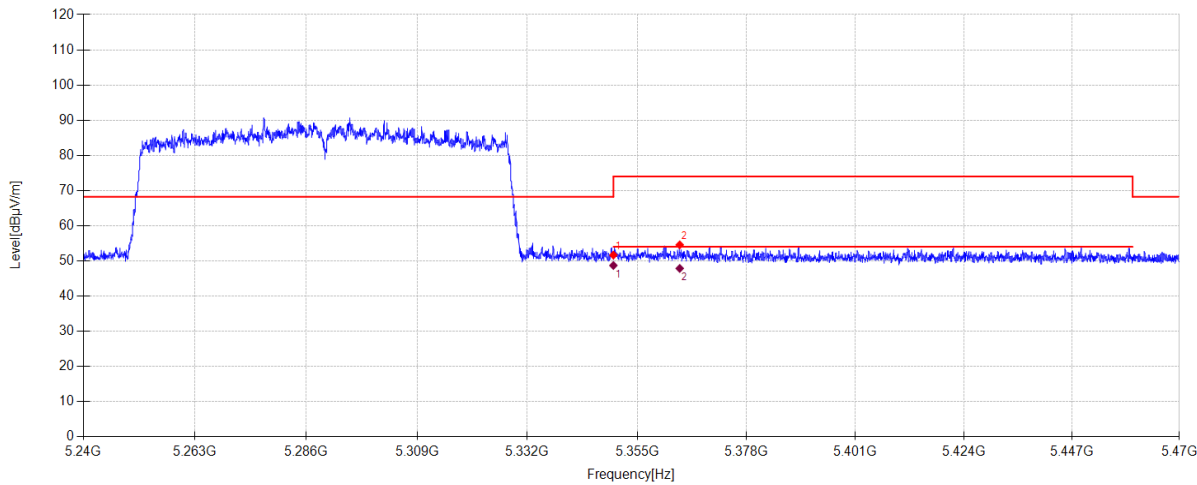
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d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\69

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.74	33.10	5.41	-29.60	51.65	68.20	16.55	PK	Horizontal
2	5363.924	45.64	33.10	5.42	-29.60	54.56	74.00	19.44	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	39.79	33.10	5.41	48.70	54.00	5.30	AV	Horizontal	
2	5363.924	38.94	33.10	5.42	47.86	54.00	6.14	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:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5290MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

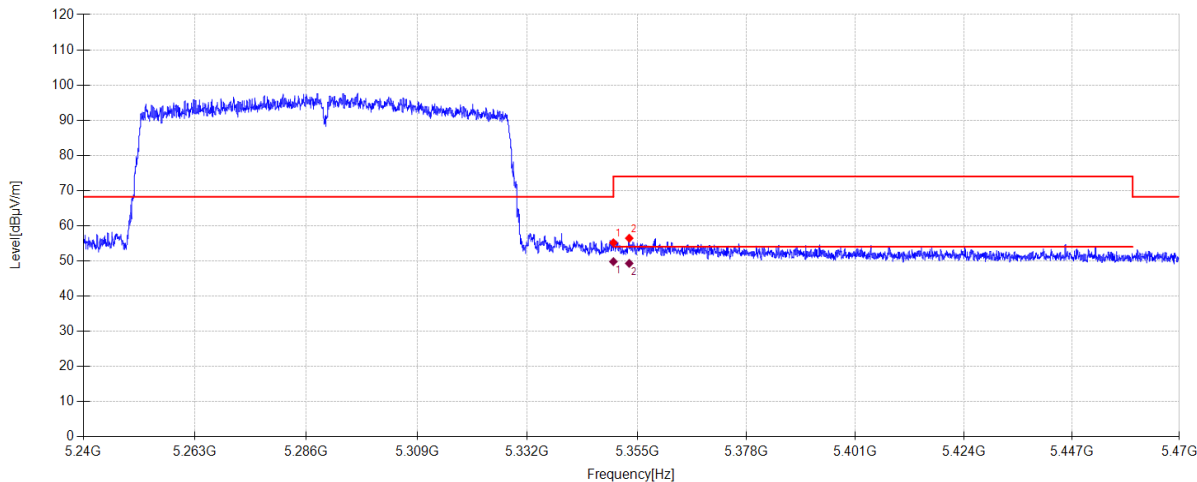
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	46.26	33.10	5.41	-29.60	55.17	68.20	13.03	PK	Vertical
2	5353.321	47.53	33.10	5.41	-29.60	56.44	74.00	17.56	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	40.89	33.10	5.41	49.80	54.00	4.20	AV	Vertical	
2	5353.321	40.39	33.10	5.41	49.30	54.00	4.70	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5530MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

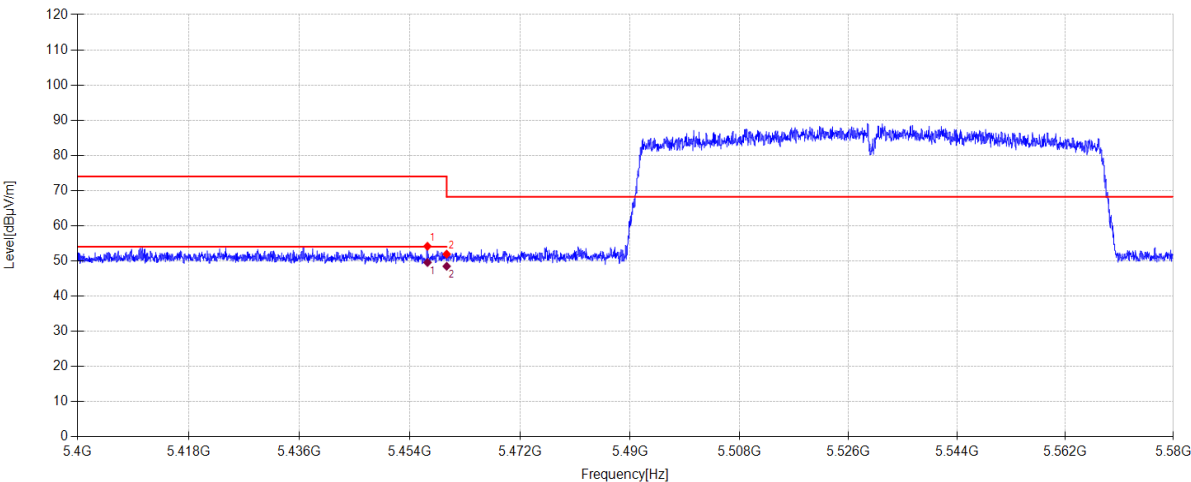
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d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\71

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.862	45.28	33.00	5.48	-29.60	54.16	74.00	19.84	PK	Horizontal
2	5460.000	43.04	33.00	5.48	-29.60	51.92	68.20	16.28	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.862	40.67	33.00	5.48	49.55	54.00	4.45	AV	Horizontal
2	5460.000	39.59	33.00	5.48	48.47	54.00	5.53	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:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5530MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

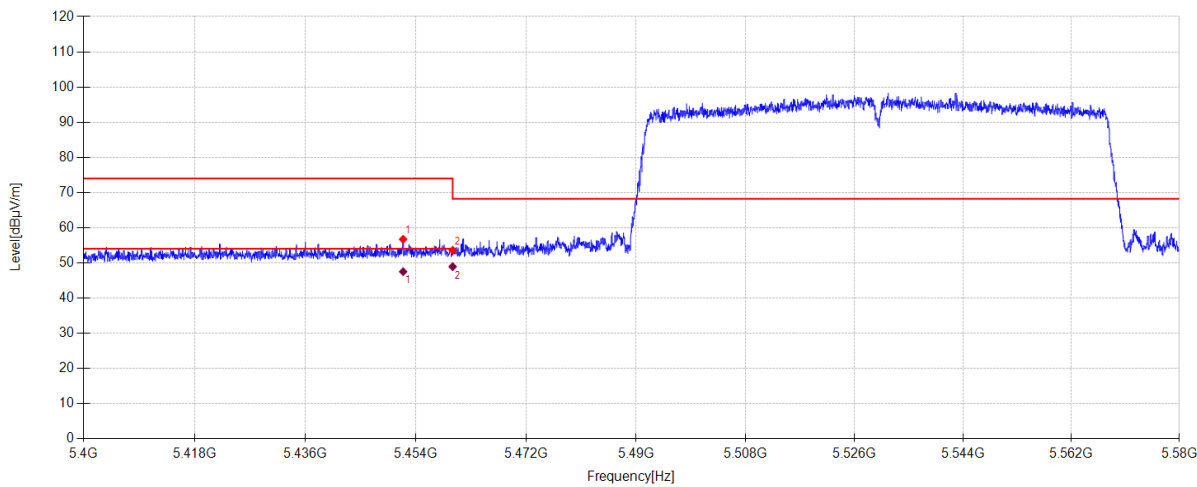
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.912	47.83	33.00	5.48	-29.60	56.71	74.00	17.29	PK	Vertical
2	5460.000	44.71	33.00	5.48	-29.60	53.59	68.20	14.61	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.912	38.62	33.00	5.48	47.50	54.00	6.50	AV	Vertical
2	5460.000	40.06	33.00	5.48	48.94	54.00	5.06	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5610MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

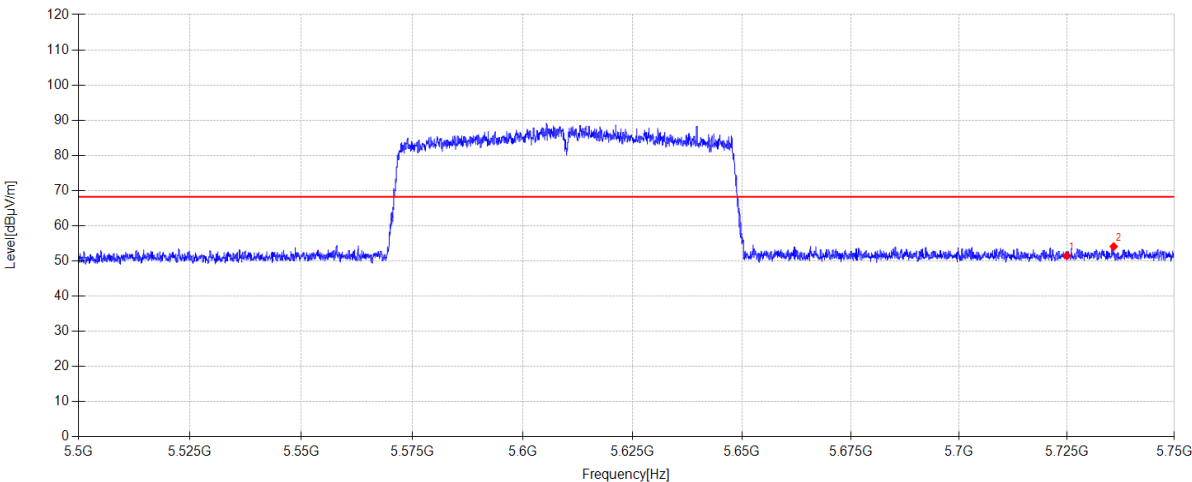
File Path:

d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\73

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.63	33.75	5.66	-29.60	51.44	68.20	16.76	PK	Horizontal
2	5735.875	44.20	33.82	5.67	-29.60	54.09	68.20	14.11	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5610MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

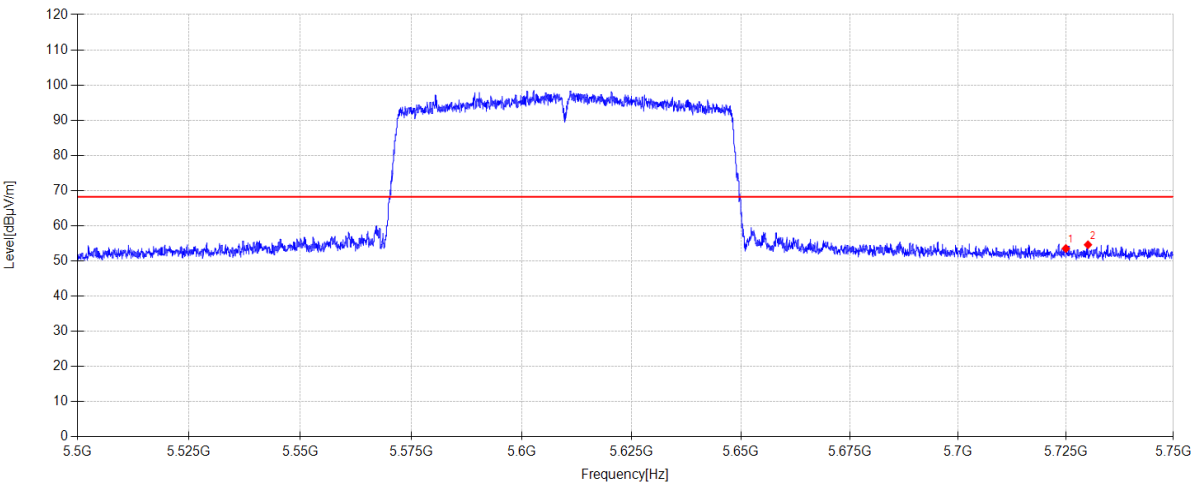
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	43.71	33.75	5.66	-29.60	53.52	68.20	14.68	PK	Vertical
2	5730.125	44.75	33.78	5.66	-29.60	54.59	68.20	13.61	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5190MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

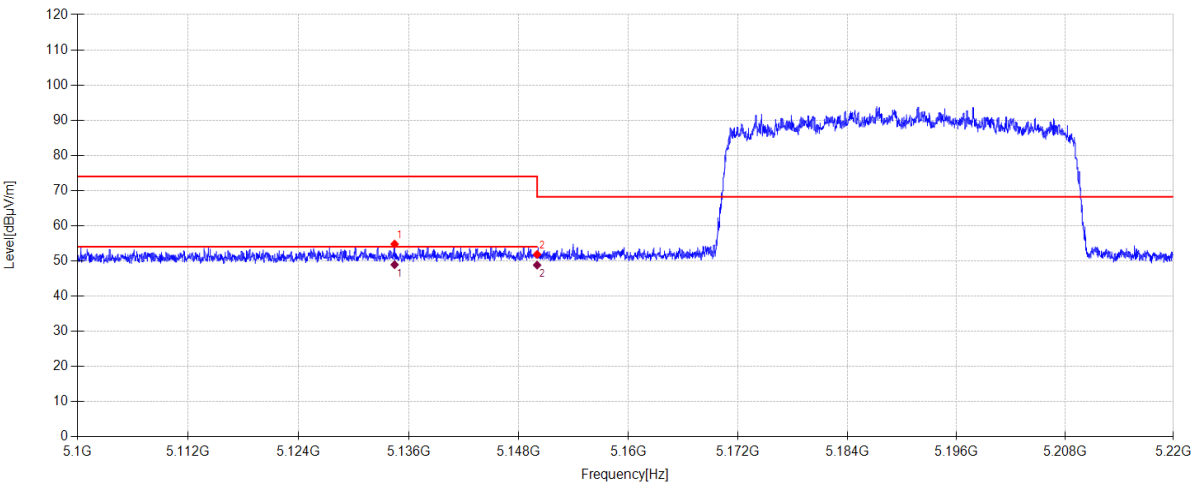
File Path:

d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\83

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5134.452	45.72	33.40	5.27	-29.60	54.79	74.00	19.21	PK	Horizontal
2	5150.000	42.76	33.40	5.28	-29.60	51.84	68.20	16.36	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5134.452	39.86	33.40	5.27	48.93	54.00	5.07	AV	Horizontal	
2	5150.000	39.73	33.40	5.28	48.81	54.00	5.19	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5190MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

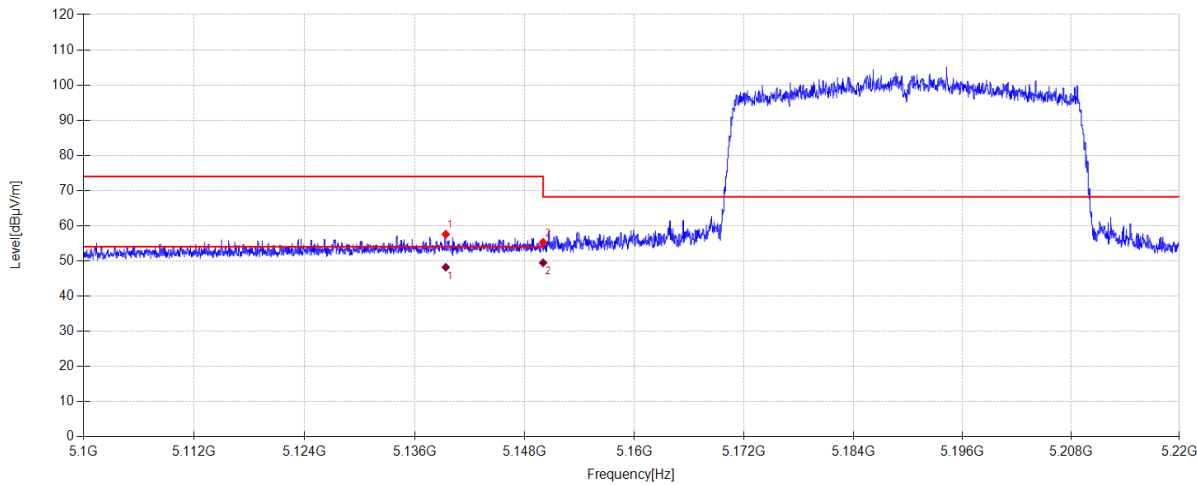
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.372	48.52	33.40	5.27	-29.60	57.59	74.00	16.41	PK	Vertical
2	5150.000	46.21	33.40	5.28	-29.60	55.29	68.20	12.91	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.372	39.12	33.40	5.27	48.19	54.00	5.81	AV	Vertical
2	5150.000	40.38	33.40	5.28	49.46	54.00	4.54	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5310MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

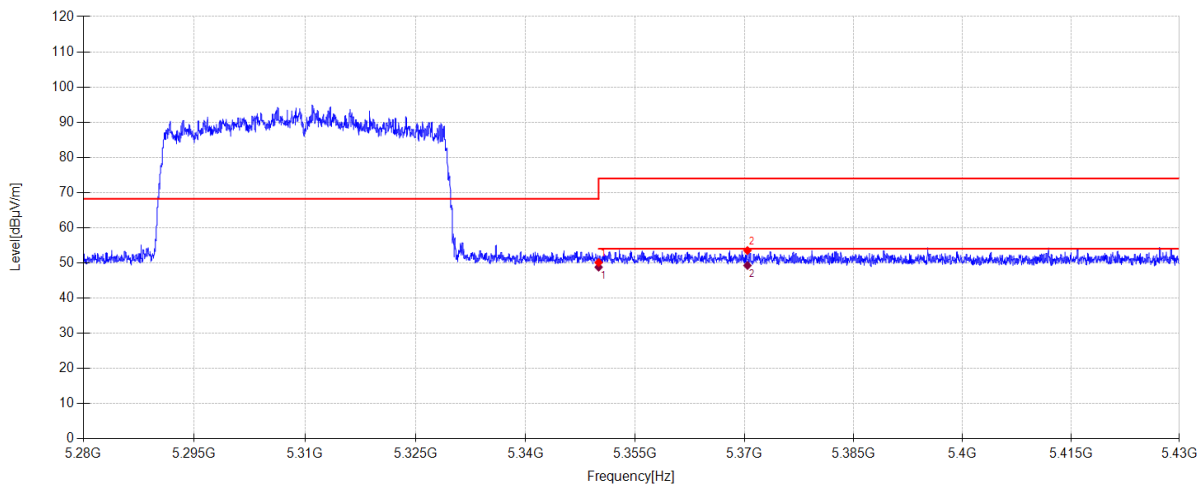
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	41.20	33.10	5.41	-29.60	50.11	68.20	18.09	PK	Horizontal
2	5370.390	44.60	33.10	5.42	-29.60	53.52	74.00	20.48	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	39.87	33.10	5.41	48.78	54.00	5.22	AV	Horizontal	
2	5370.390	40.35	33.10	5.42	49.27	54.00	4.73	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5310MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

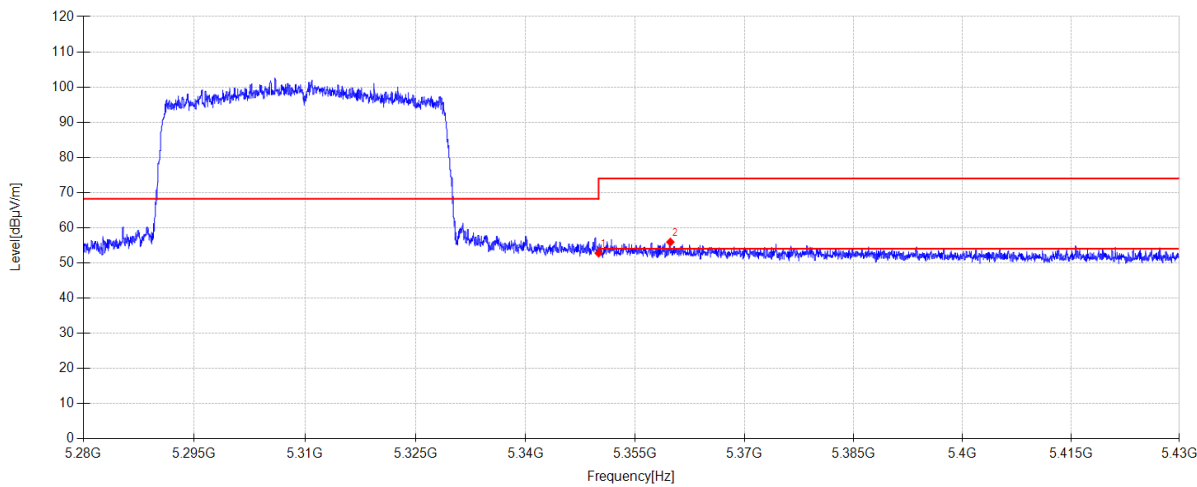
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	43.87	33.10	5.41	-29.60	52.78	68.20	15.42	PK	Vertical
2	5359.815	47.00	33.10	5.42	-29.60	55.92	74.00	18.08	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5510MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

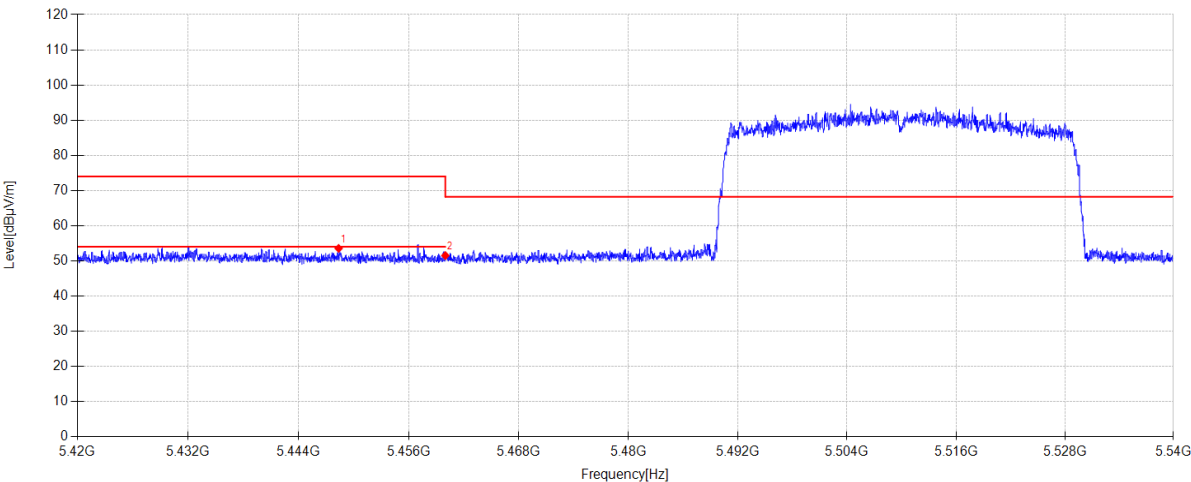
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5448.368	44.68	33.00	5.48	-29.60	53.56	74.00	20.44	PK	Horizontal
2	5460.000	42.64	33.00	5.48	-29.60	51.52	68.20	16.68	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5510MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

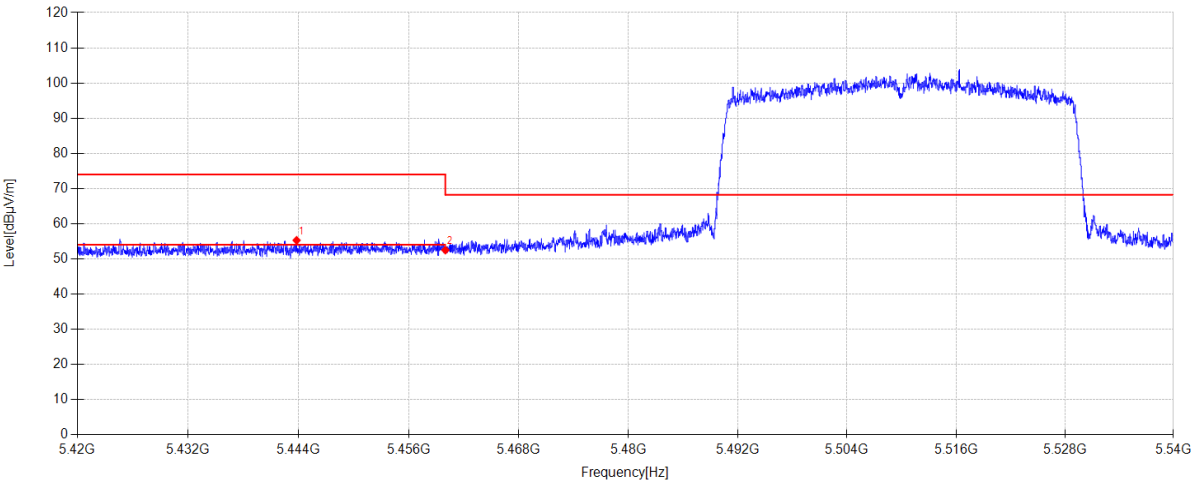
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5443.796	46.41	33.01	5.47	-29.60	55.29	74.00	18.71	PK	Vertical
2	5460.000	43.64	33.00	5.48	-29.60	52.52	68.20	15.68	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5670MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

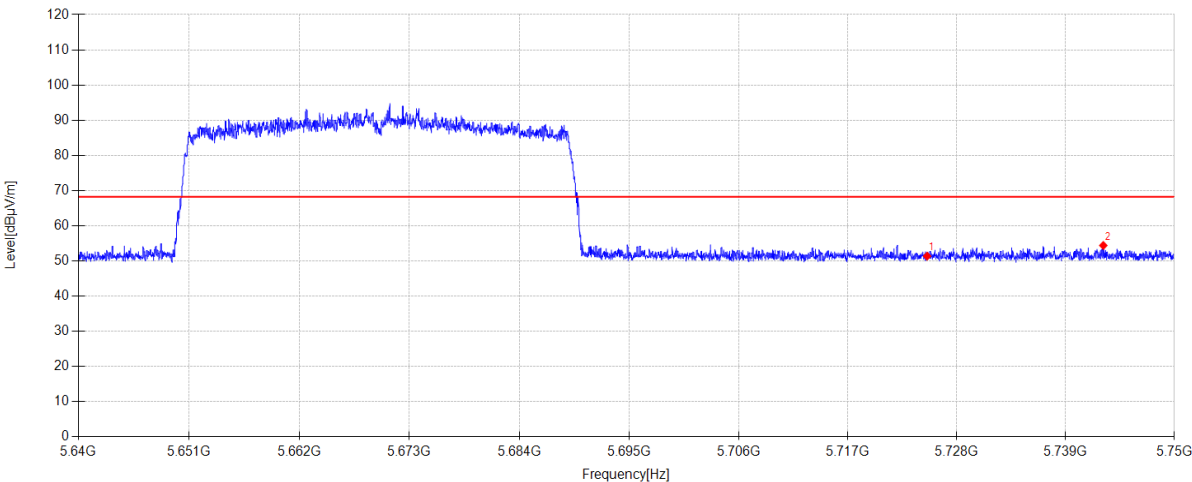
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.55	33.75	5.66	-29.60	51.36	68.20	16.84	PK	Horizontal
2	5742.806	44.46	33.86	5.67	-29.60	54.39	68.20	13.81	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5670MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

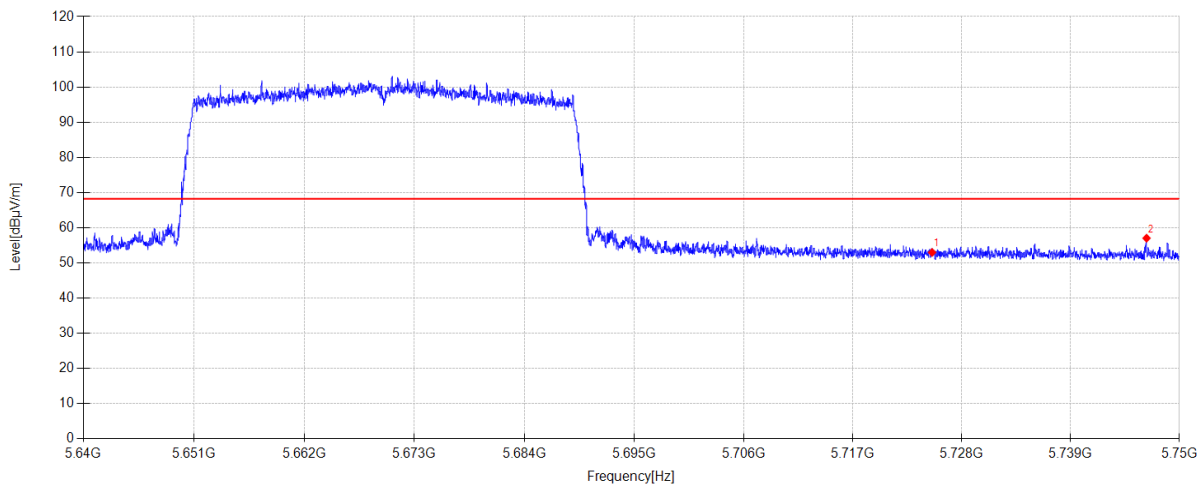
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	43.17	33.75	5.66	-29.60	52.98	68.20	15.22	PK	Vertical
2	5746.678	47.08	33.88	5.67	-29.60	57.03	68.20	11.17	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5210MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

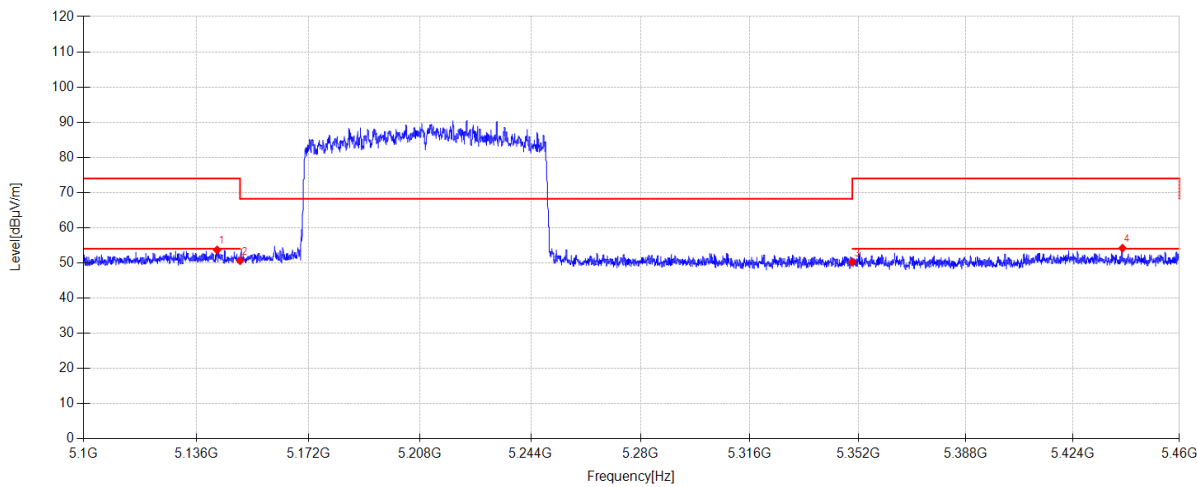
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.624	44.63	33.40	5.27	-29.60	53.70	74.00	20.30	PK	Horizontal
2	5150.000	41.54	33.40	5.28	-29.60	50.62	68.20	17.58	PK	Horizontal
3	5350.000	41.36	33.10	5.41	-29.60	50.27	68.20	17.93	PK	Horizontal
4	5440.704	45.31	33.02	5.47	-29.60	54.20	74.00	19.80	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5210MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

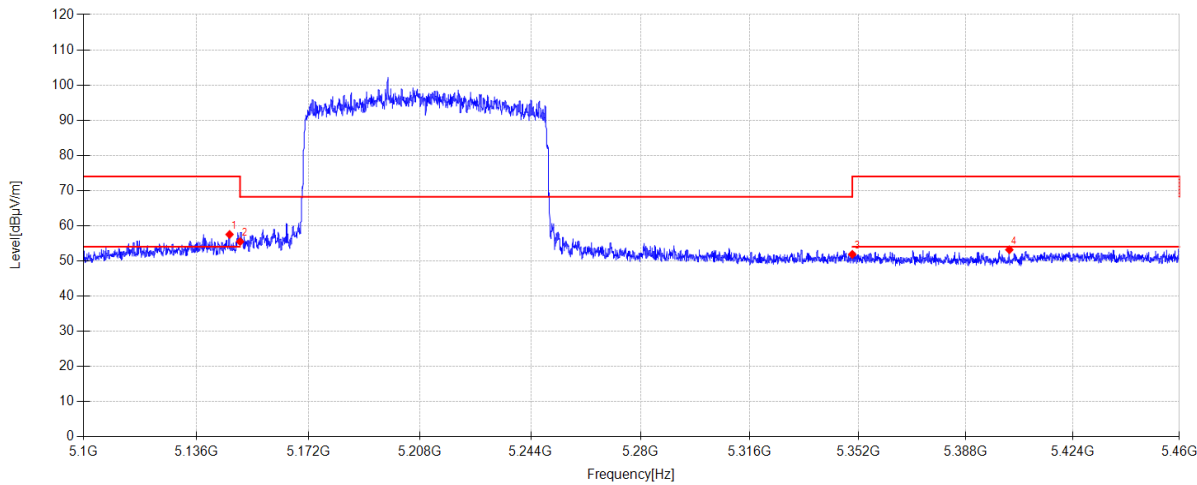
File Path:

d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\92

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.620	48.44	33.40	5.28	-29.60	57.52	74.00	16.48	PK	Vertical
2	5150.000	46.41	33.40	5.28	-29.60	55.49	68.20	12.71	PK	Vertical
3	5350.000	42.95	33.10	5.41	-29.60	51.86	68.20	16.34	PK	Vertical
4	5402.544	44.22	33.09	5.45	-29.60	53.16	74.00	20.84	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5290MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

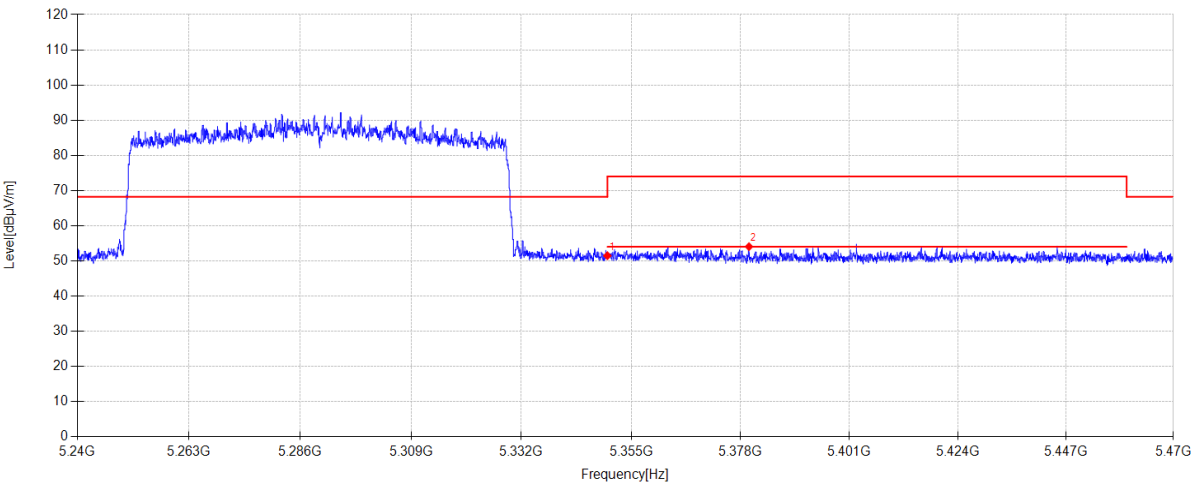
File Path:

d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\93

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.57	33.10	5.41	-29.60	51.48	68.20	16.72	PK	Horizontal
2	5379.771	45.12	33.10	5.43	-29.60	54.05	74.00	19.95	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5290MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

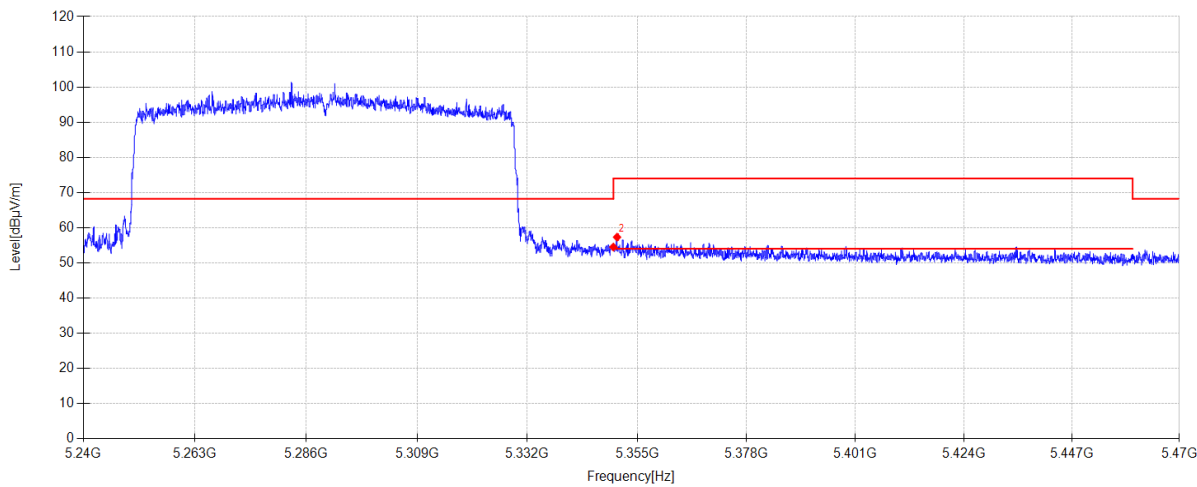
File Path:

d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\94

Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	45.59	33.10	5.41	-29.60	54.50	68.20	13.70	PK	Vertical
2	5350.768	48.41	33.10	5.41	-29.60	57.32	74.00	16.68	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5530MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

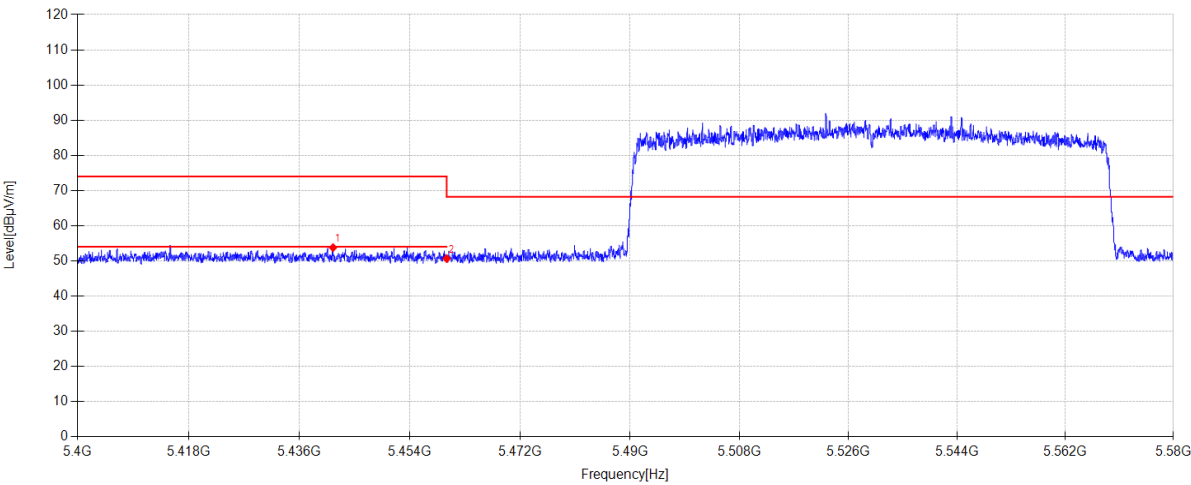
File Path:

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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5441.472	44.90	33.02	5.47	-29.60	53.79	74.00	20.21	PK	Horizontal
2	5460.000	41.78	33.00	5.48	-29.60	50.66	68.20	17.54	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5530MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

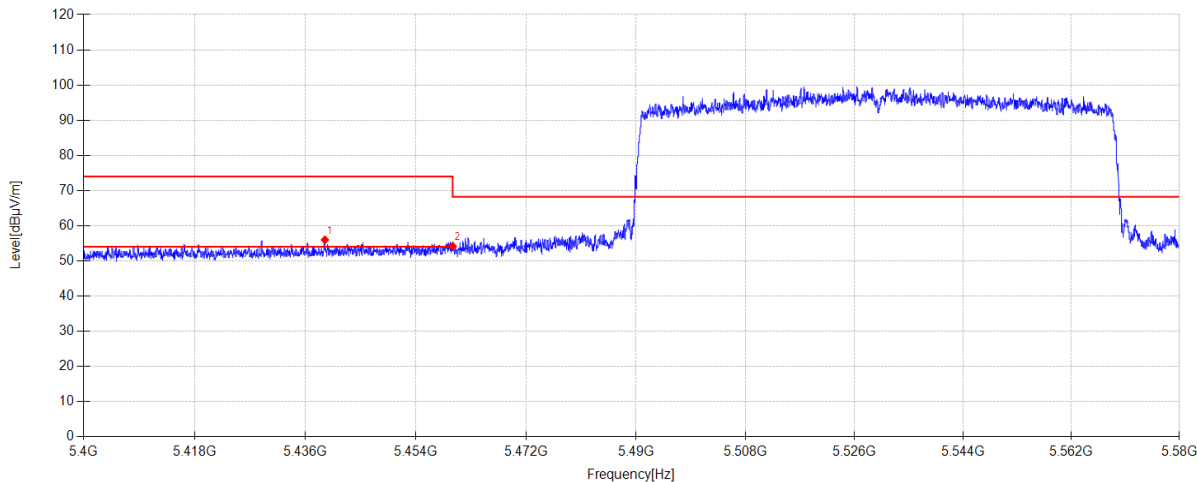
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d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\96

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.168	47.10	33.02	5.47	-29.60	55.99	74.00	18.01	PK	Vertical
2	5460.000	45.32	33.00	5.48	-29.60	54.20	68.20	14.00	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5610MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

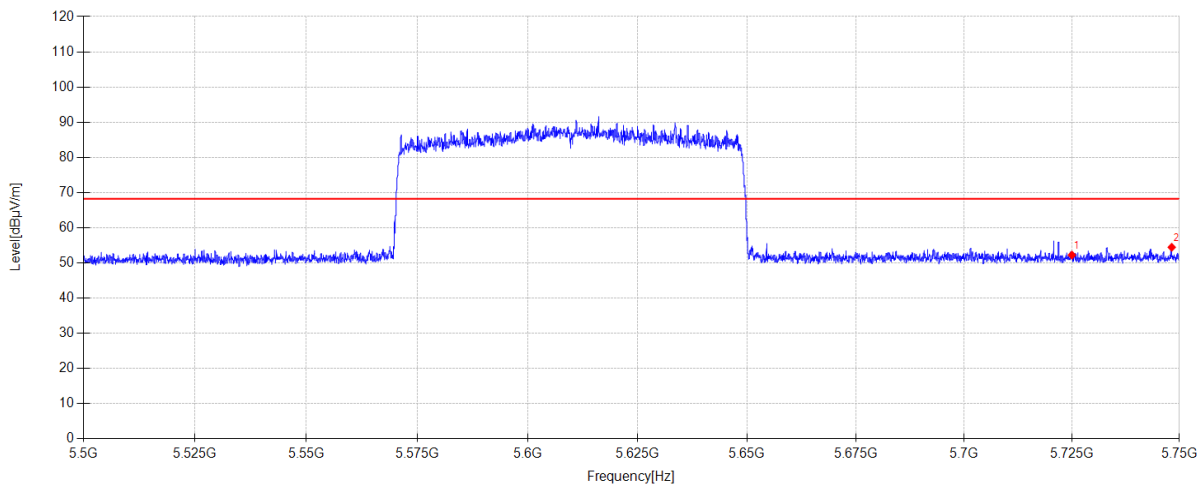
File Path:

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Memo:

Power Setting:10

Test Graph



Data List										
NO.	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	42.42	33.75	5.66	-29.60	52.23	68.20	15.97	PK	Horizontal
2	5748.225	44.49	33.89	5.67	-29.60	54.45	68.20	13.75	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-16

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5610MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

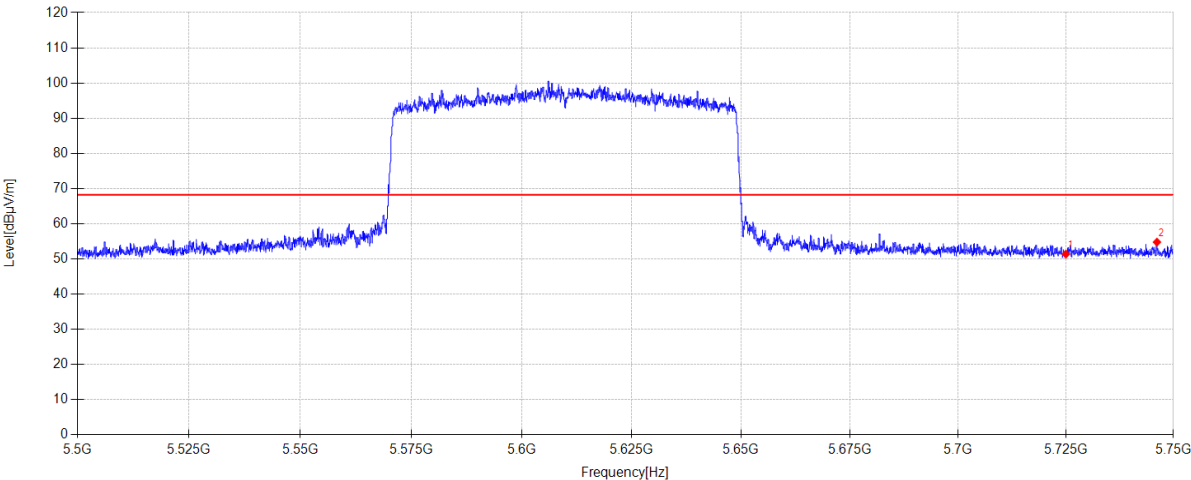
File Path:

d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\98

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.57	33.75	5.66	-29.60	51.38	68.20	16.82	PK	Vertical
2	5746.175	44.83	33.88	5.67	-29.60	54.78	68.20	13.42	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5180MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

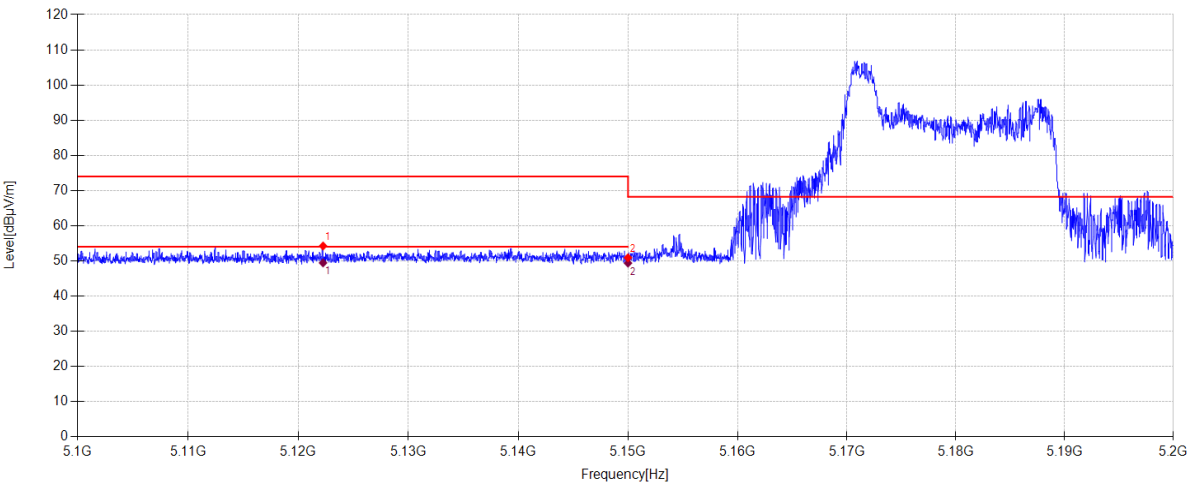
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G RU1

Memo:

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5122.250	45.18	33.40	5.26	-29.60	54.24	74.00	19.76	PK	Horizontal
2	5150.000	41.82	33.40	5.28	-29.60	50.90	68.20	17.30	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	5122.250	40.38	33.40	5.26	49.44	54.0	4.56	AV	Horizontal
2	5150.000	40.29	33.40	5.28	49.37	54.0	4.63	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5180MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

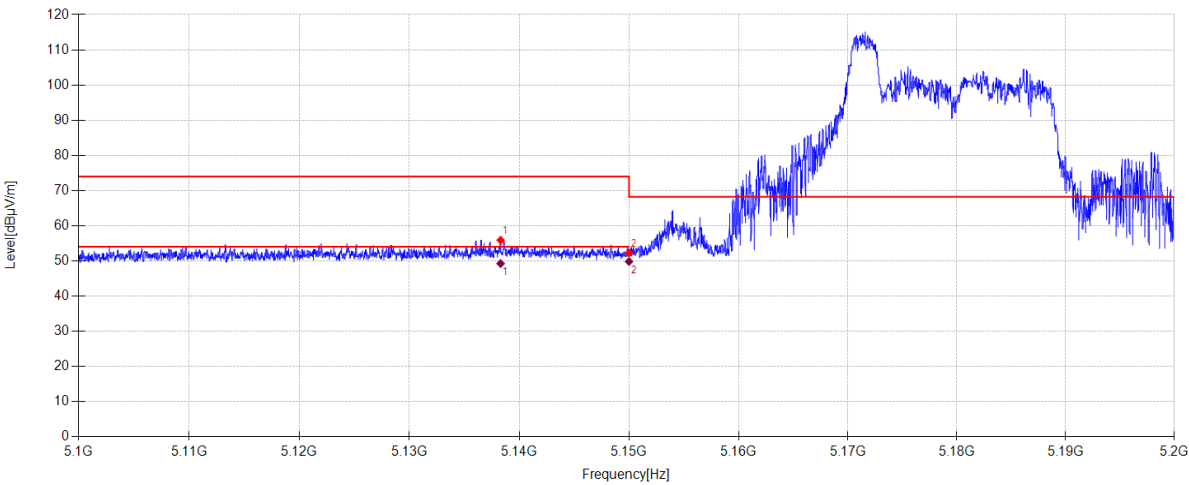
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G RU\2

Memo:

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5138.300	46.82	33.40	5.27	-29.60	55.89	74.00	18.11	PK	Vertical
2	5150.000	43.17	33.40	5.28	-29.60	52.25	68.20	15.95	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5138.300	40.18	33.40	5.27	49.25	54.0	4.75	AV	Vertical	
2	5150.000	40.75	33.40	5.28	49.83	54.0	4.17	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5320MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

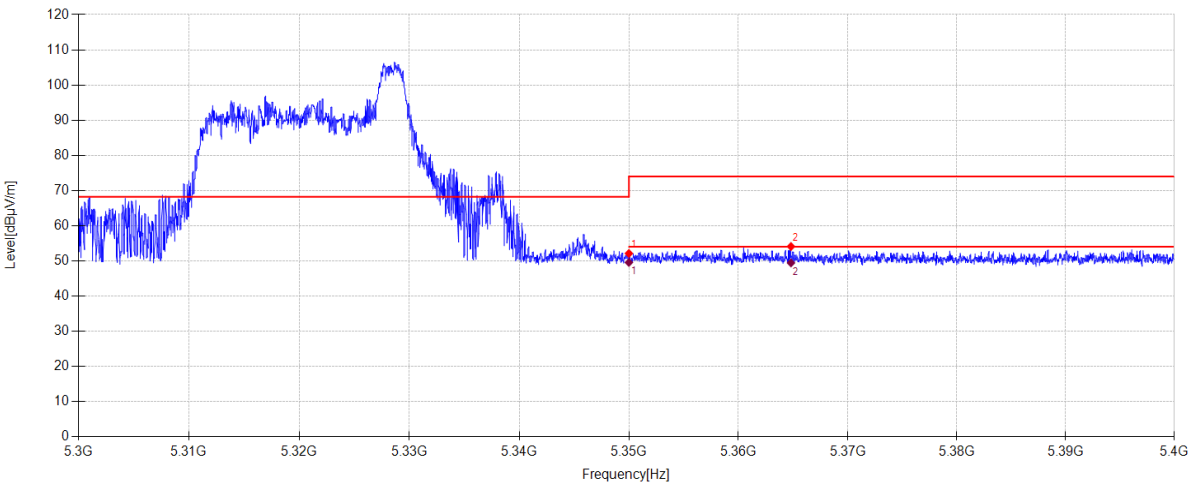
DDT 3# Chamber

File Path:

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Memo:

Test Graph



Data List										
NO.	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	43.21	33.10	5.41	-29.60	52.12	68.20	16.08	PK	Horizontal
2	5364.810	45.18	33.10	5.42	-29.60	54.10	74.00	19.90	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	40.65	33.10	5.41	49.56	54.0	4.44	AV	Horizontal
2	5364.810	40.51	33.10	5.42	49.43	54.0	4.57	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5320MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

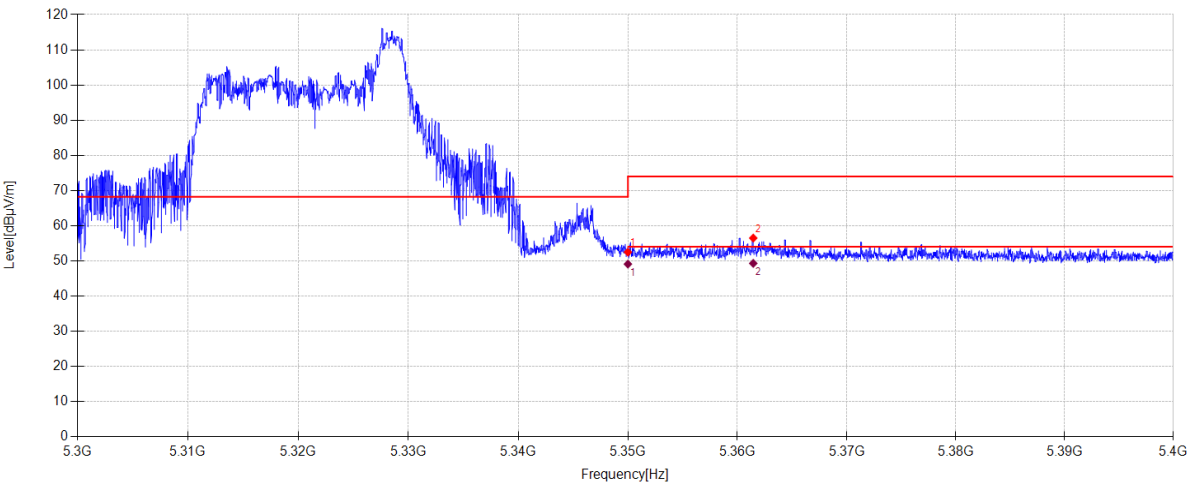
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G RU\4

Memo:

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	43.58	33.10	5.41	-29.60	52.49	68.20	15.71	PK	Vertical
2	5361.450	47.57	33.10	5.42	-29.60	56.49	74.00	17.51	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	40.19	33.10	5.41	49.10	54.0	4.90	AV	Vertical
2	5361.450	40.38	33.10	5.42	49.30	54.0	4.70	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5500MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

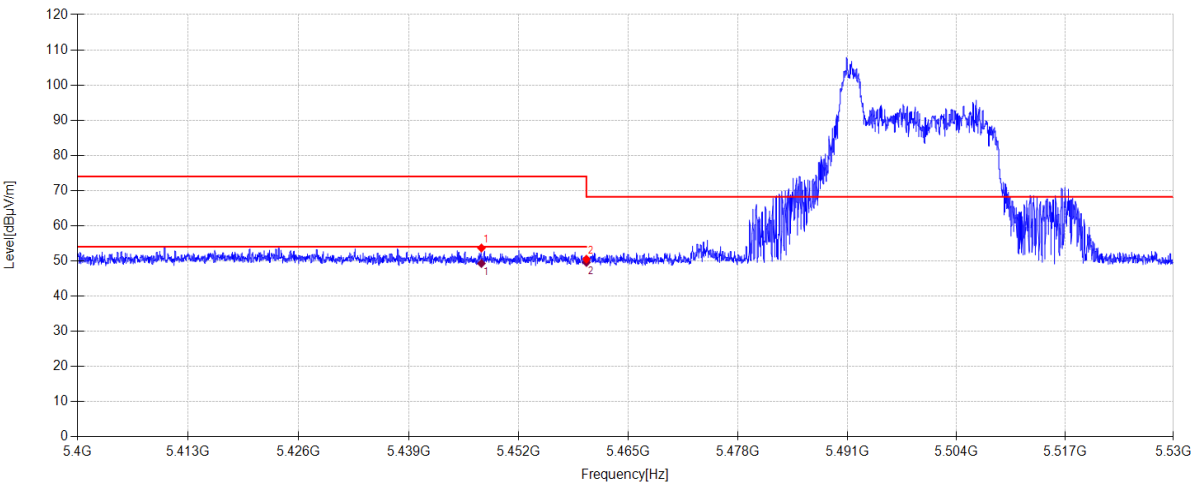
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G RU\5

Memo:

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5447.567	44.79	33.00	5.48	-29.60	53.67	74.00	20.33	PK	Horizontal
2	5460.000	41.62	33.00	5.48	-29.60	50.50	68.20	17.70	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	5447.567	40.38	33.00	5.48	49.26	54.0	4.74	AV	Horizontal
2	5460.000	40.67	33.00	5.48	49.55	54.0	4.45	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5500MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

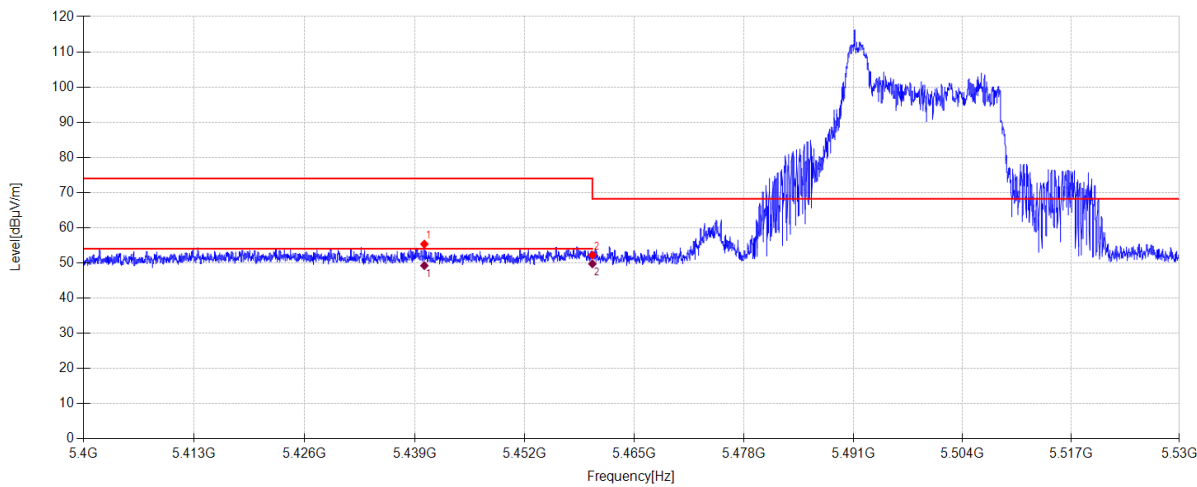
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G RU\6

Memo:

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5440.118	46.45	33.02	5.47	-29.60	55.34	74.00	18.66	PK	Vertical
2	5460.000	43.34	33.00	5.48	-29.60	52.22	68.20	15.98	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	5440.118	40.33	33.02	5.47	49.22	54.0	4.78	AV	Vertical
2	5460.000	40.84	33.00	5.48	49.72	54.0	4.28	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5700MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

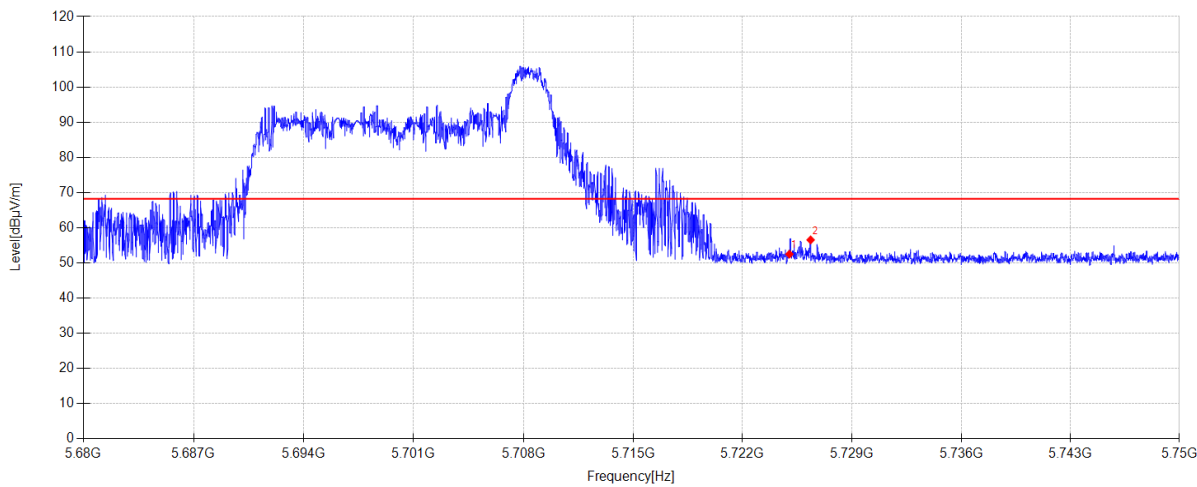
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G RU17

Memo:

Test Graph



Data List										
NO.	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	42.67	33.75	5.66	-29.60	52.48	68.20	15.72	PK	Horizontal
2	5726.354	46.72	33.76	5.66	-29.60	56.54	68.20	11.66	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5700MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

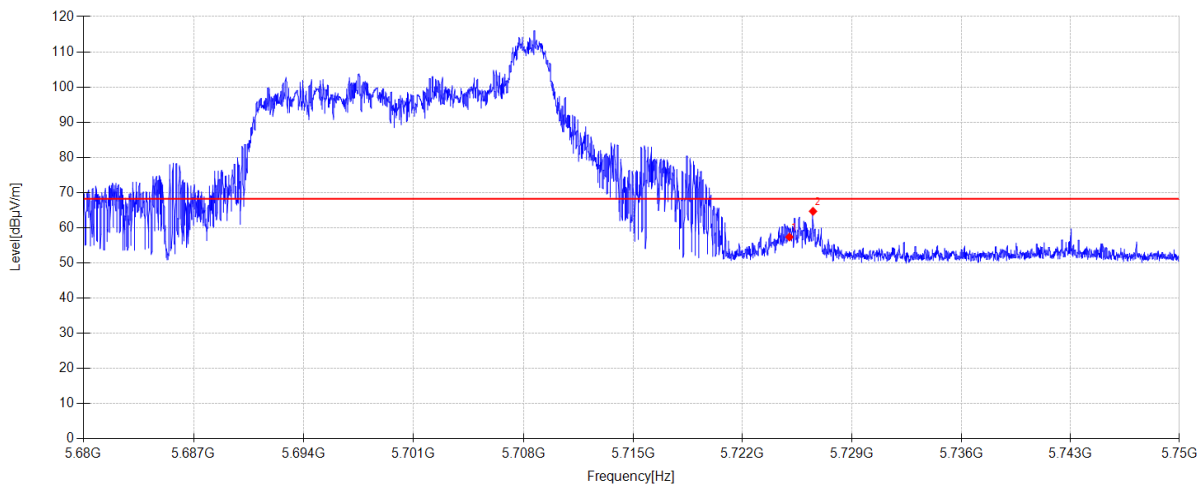
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G RU\8

Memo:

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	47.54	33.75	5.66	-29.60	57.35	68.20	10.85	PK	Vertical
2	5726.508	54.85	33.76	5.66	-29.60	64.67	68.20	3.53	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5690MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

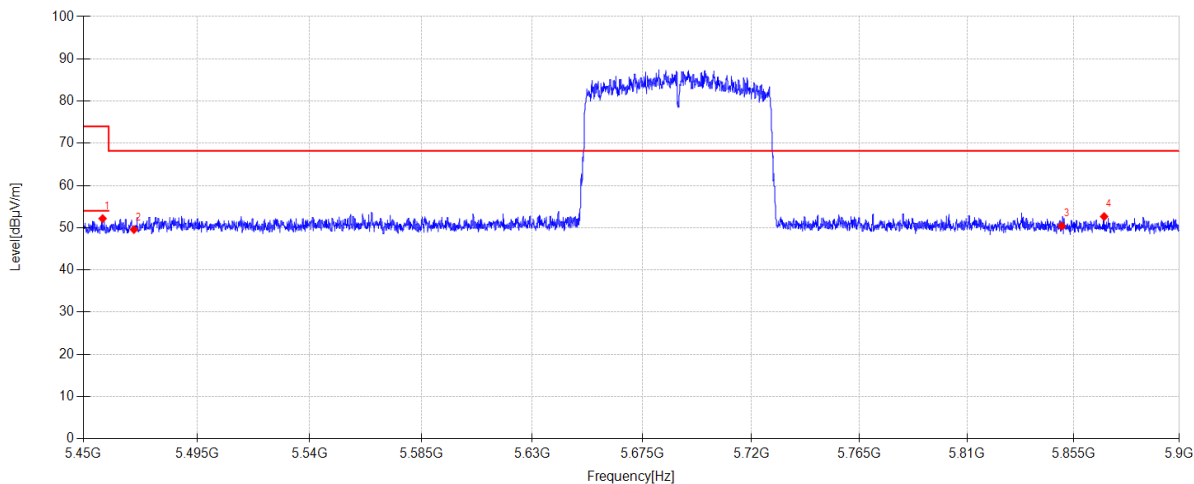
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G KUAYUE1

Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.605	43.29	33.00	5.48	-29.60	52.17	74.00	21.83	PK	Horizontal
2	5470.000	40.67	33.00	5.49	-29.60	49.56	68.20	18.64	PK	Horizontal
3	5850.000	40.27	34.00	5.74	-29.60	50.41	68.20	17.79	PK	Horizontal
4	5867.960	42.45	34.04	5.75	-29.60	52.64	68.20	15.56	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.