

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC80 5530MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

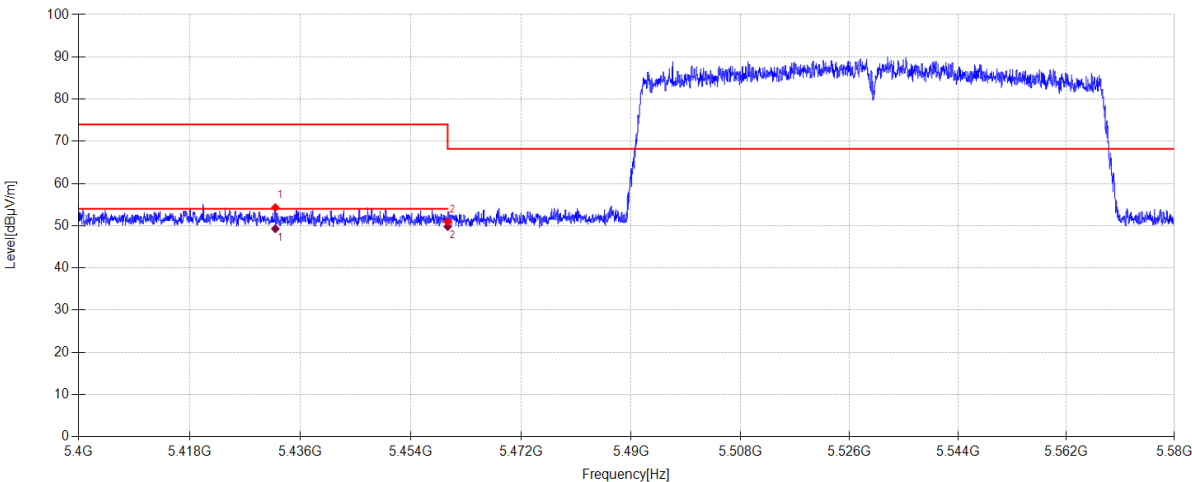
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Memo:

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	5431.914	45.39	33.04	5.47	-29.60	54.30	74.00	19.70	PK	Horizontal
2	5460.000	42.03	33.00	5.48	-29.60	50.91	68.20	17.29	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5431.914	40.37	33.04	5.47	49.28	54.0	4.72	AV	Horizontal	
2	5460.000	40.91	33.00	5.48	49.79	54.0	4.21	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC80 5530MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

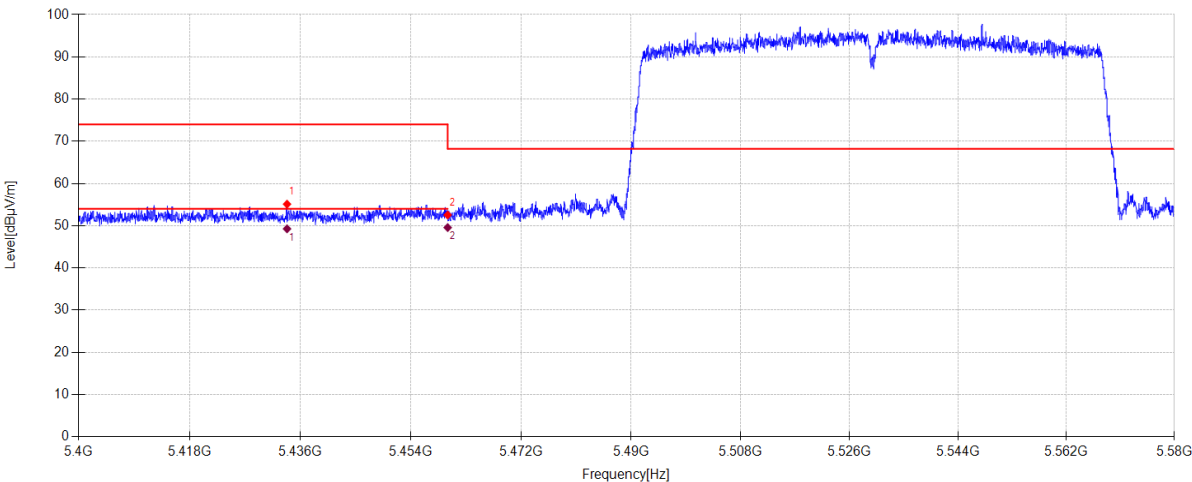
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Memo:

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	5433.822	46.21	33.03	5.47	-29.60	55.11	74.00	18.89	PK	Vertical
2	5460.000	43.67	33.00	5.48	-29.60	52.55	68.20	15.65	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	5433.822	40.37	33.03	5.47	49.27	54.0	4.73	AV	Vertical	
2	5460.000	40.69	33.00	5.48	49.57	54.0	4.43	AV	Vertical	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC80 5290MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

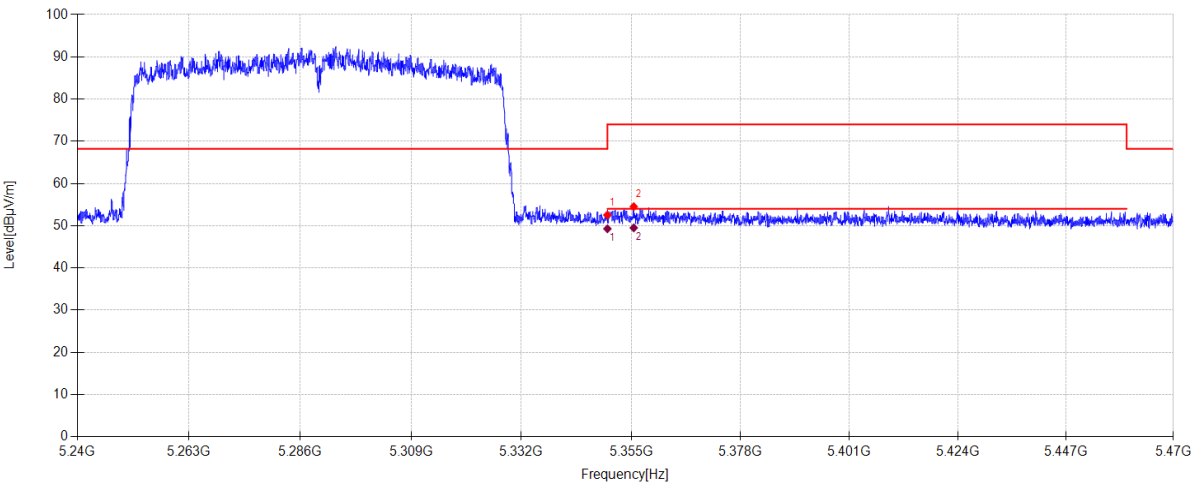
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Memo:

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	43.63	33.10	5.41	-29.60	52.54	68.20	15.66	PK	Horizontal
2	5355.529	45.62	33.10	5.41	-29.60	54.53	74.00	19.47	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	54.0	4.72	AV	Horizontal	
2	5355.529	40.59	33.10	5.41	49.50	54.0	4.50	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC80 5290MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

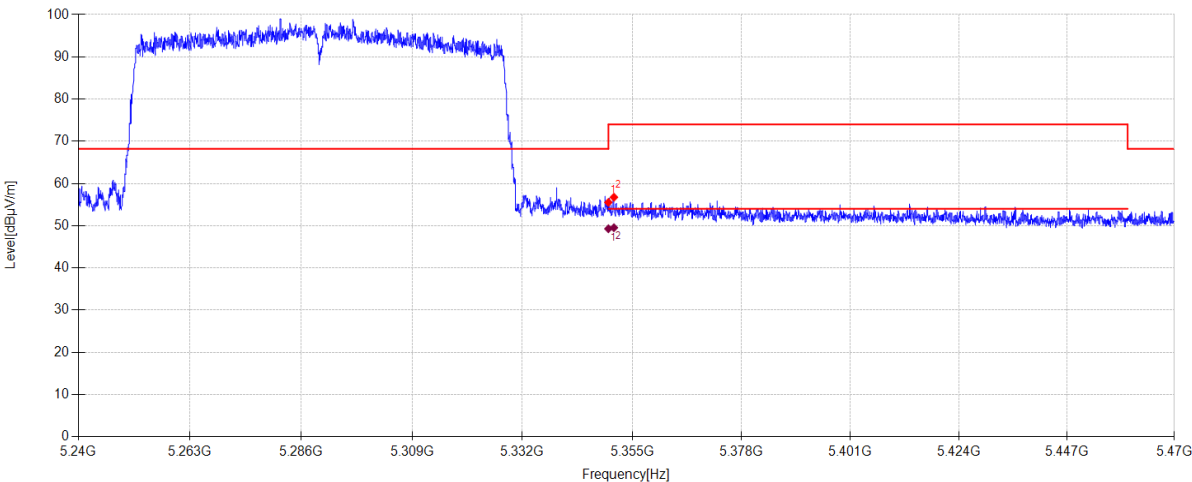
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Memo:

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	46.62	33.10	5.41	-29.60	55.53	68.20	12.67	PK	Vertical
2	5351.159	47.84	33.10	5.41	-29.60	56.75	74.00	17.25	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	5350.000	40.38	33.10	5.41	49.29	54.0	4.71	AV	Vertical	
2	5351.159	40.62	33.10	5.41	49.53	54.0	4.47	AV	Vertical	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC80 5210MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

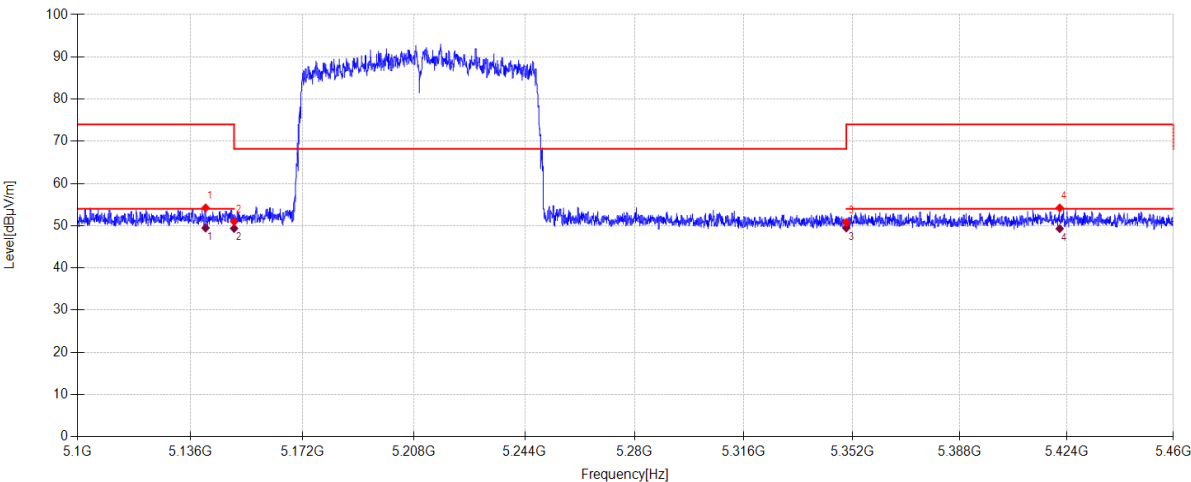
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Memo:

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	5140.860	45.16	33.40	5.27	-29.60	54.23	74.00	19.77	PK	Horizontal
2	5150.000	41.90	33.40	5.28	-29.60	50.98	68.20	17.22	PK	Horizontal
3	5350.000	41.87	33.10	5.41	-29.60	50.78	68.20	17.42	PK	Horizontal
4	5421.516	45.30	33.06	5.46	-29.60	54.22	74.00	19.78	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.860	40.39	33.40	5.27	49.46	54.0	4.54	AV	Horizontal
2	5150.000	40.27	33.40	5.28	49.35	54.0	4.65	AV	Horizontal
3	5350.000	40.56	33.10	5.41	49.47	54.0	4.53	AV	Horizontal
4	5421.516	40.39	33.06	5.46	49.31	54.0	4.69	AV	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC80 5210MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

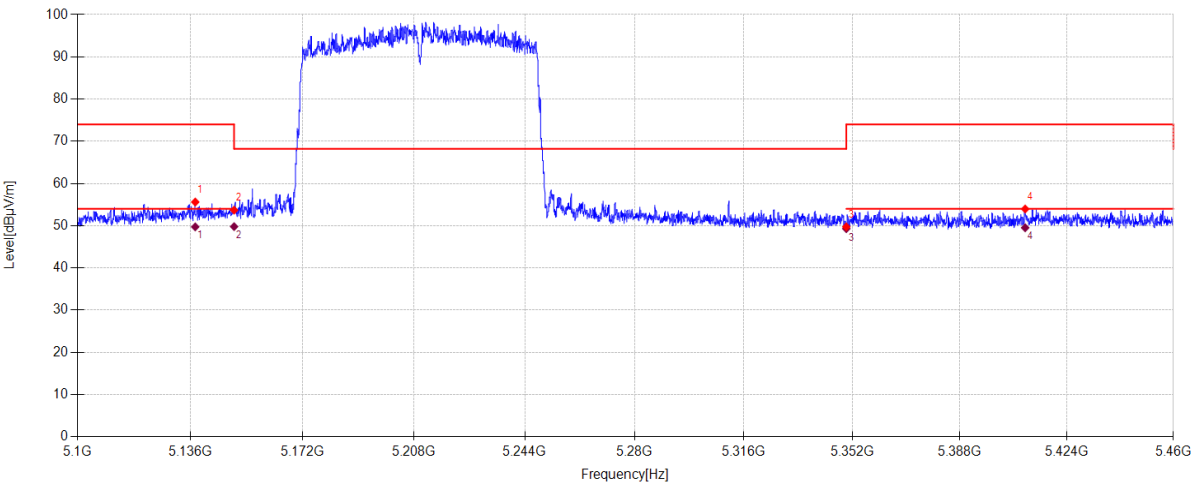
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Memo:

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	5137.548	46.54	33.40	5.27	-29.60	55.61	74.00	18.39	PK	Vertical
2	5150.000	44.62	33.40	5.28	-29.60	53.70	68.20	14.50	PK	Vertical
3	5350.000	40.84	33.10	5.41	-29.60	49.75	68.20	18.45	PK	Vertical
4	5409.888	45.04	33.08	5.45	-29.60	53.97	74.00	20.03	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	5137.548	40.66	33.40	5.27	49.73	54.0	4.27	AV	Vertical
2	5150.000	40.71	33.40	5.28	49.79	54.0	4.21	AV	Vertical
3	5350.000	40.39	33.10	5.41	49.30	54.0	4.70	AV	Vertical
4	5409.888	40.59	33.08	5.45	49.52	54.0	4.48	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

MIMO TX 11AX20 RU0 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

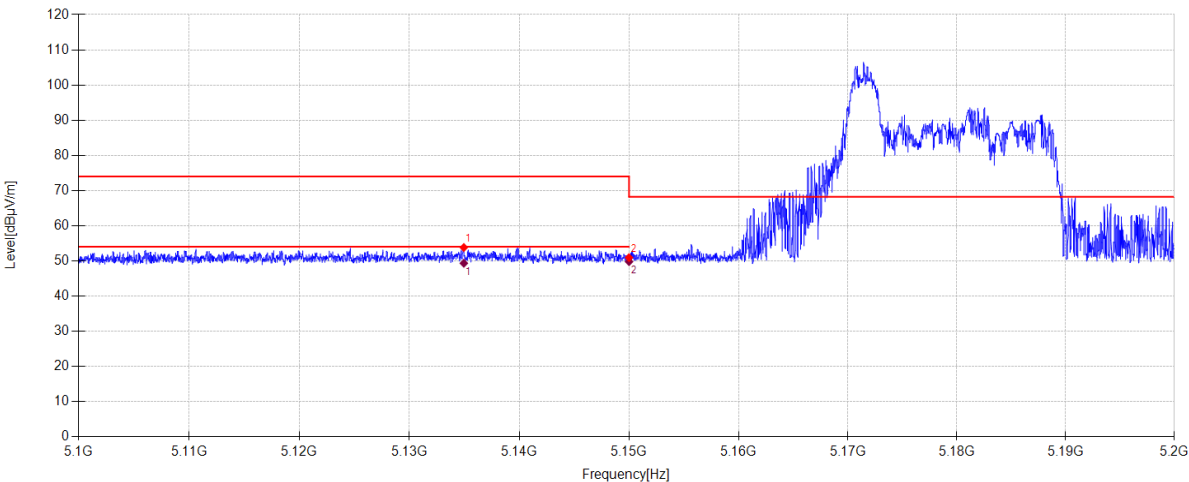
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Memo:

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	5134.950	44.75	33.40	5.27	-29.60	53.82	74.00	20.18	PK	Horizontal
2	5150.000	41.86	33.40	5.28	-29.60	50.94	68.20	17.26	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	5134.950	40.26	33.40	5.27	49.33	54.0	4.67	AV	Horizontal	
2	5150.000	40.71	33.40	5.28	49.79	54.0	4.21	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

MIMO TX 11AX20 RU0 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

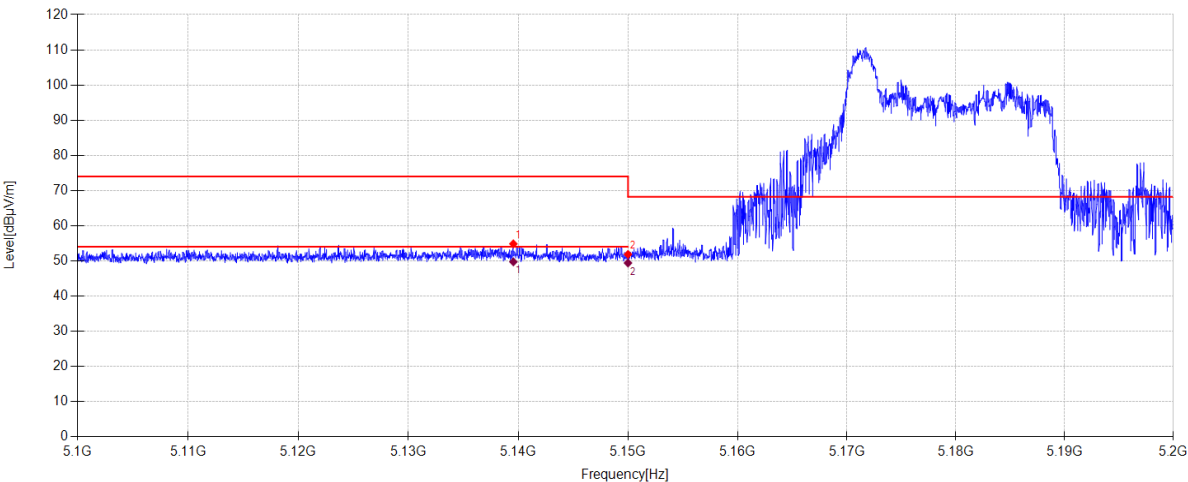
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Memo:

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	5139.550	45.78	33.40	5.27	-29.60	54.85	74.00	19.15	PK	Vertical
2	5150.000	42.79	33.40	5.28	-29.60	51.87	68.20	16.33	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	5139.550	40.67	33.40	5.27	49.74	54.0	4.26	AV	Vertical	
2	5150.000	40.33	33.40	5.28	49.41	54.0	4.59	AV	Vertical	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

MIMO TX 11AX20 RU8 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

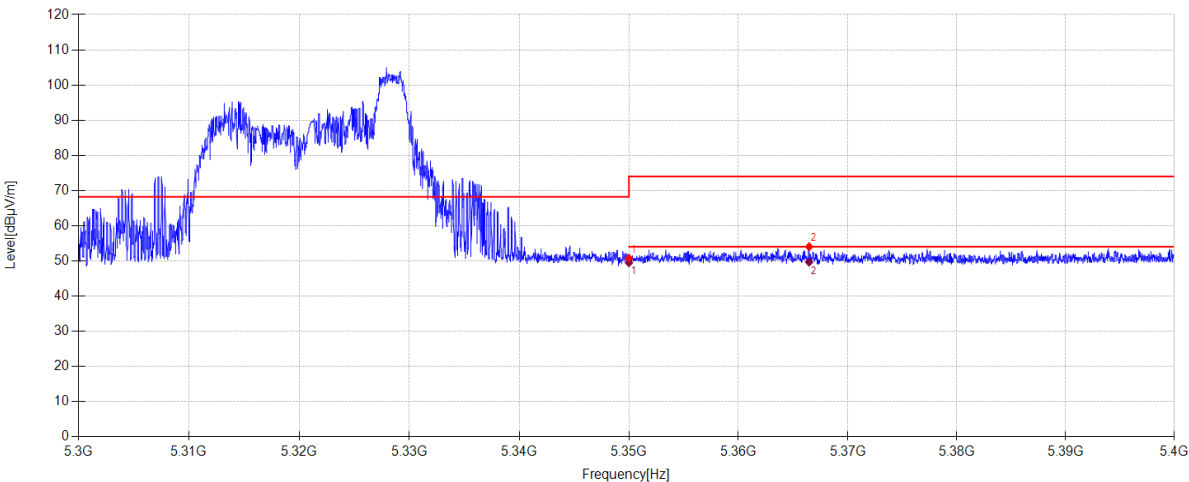
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Memo:

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	41.83	33.10	5.41	-29.60	50.74	68.20	17.46	PK	Horizontal
2	5366.470	45.12	33.10	5.42	-29.60	54.04	74.00	19.96	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	5350.000	40.56	33.10	5.41	49.47	54.0	4.53	AV	Horizontal	
2	5366.470	40.73	33.10	5.42	49.65	54.0	4.35	AV	Horizontal	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

MIMO TX 11AX20 RU8 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

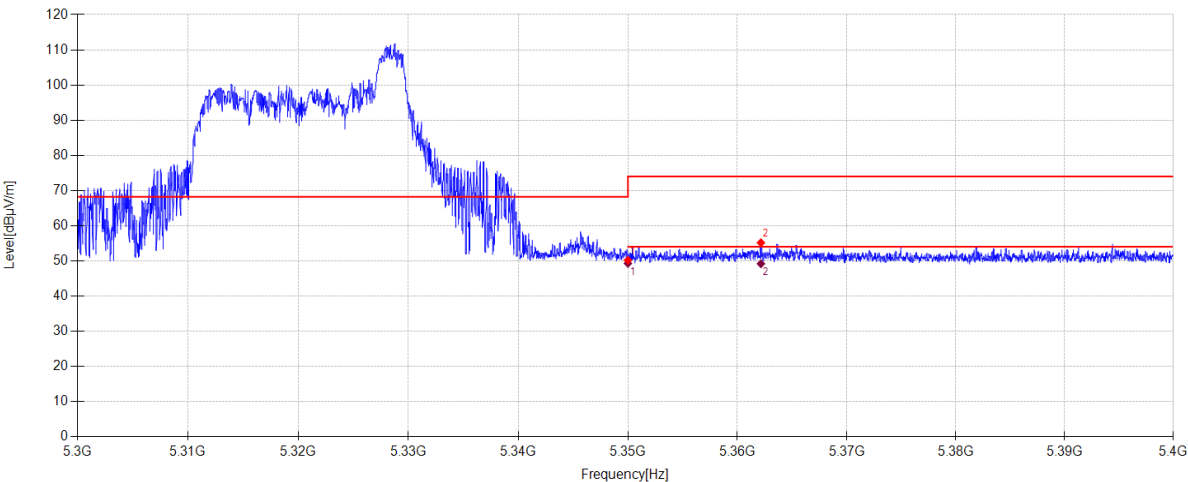
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Memo:

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	41.28	33.10	5.41	-29.60	50.19	68.20	18.01	PK	Vertical
2	5362.150	46.25	33.10	5.42	-29.60	55.17	74.00	18.83	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	40.39	33.10	5.41	49.30	54.0	4.70	AV	Vertical
2	5362.150	40.28	33.10	5.42	49.20	54.0	4.80	AV	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

MIMO TX 11AX20 RU0 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

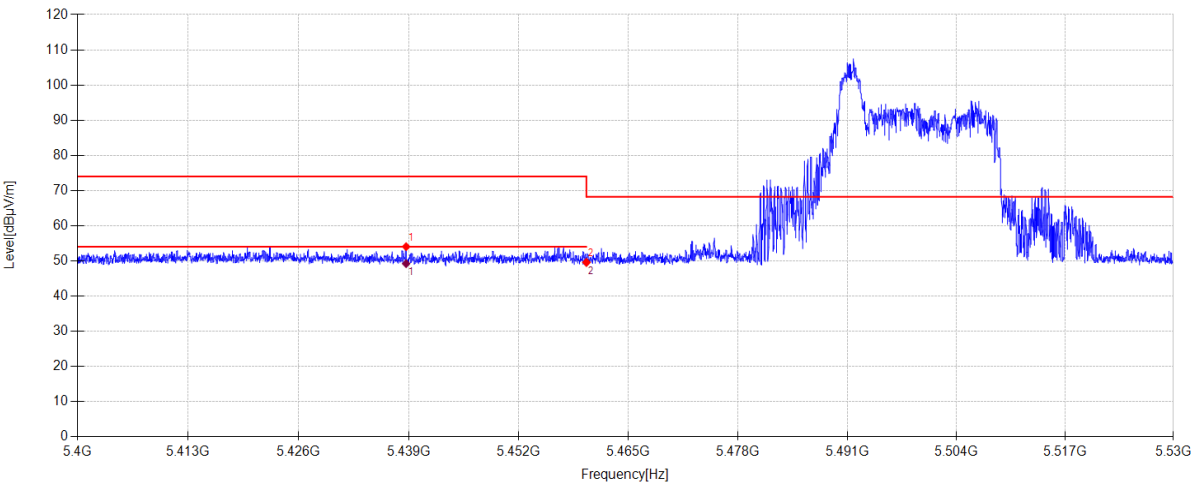
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Memo:

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	5438.675	45.15	33.02	5.47	-29.60	54.04	74.00	19.96	PK	Horizontal
2	5460.000	40.68	33.00	5.48	-29.60	49.56	68.20	18.64	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	5438.675	40.33	33.02	5.47	49.22	54.0	4.78	AV	Horizontal	
2	5460.000	40.75	33.00	5.48	49.63	54.0	4.37	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

MIMO TX 11AX20 RU0 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

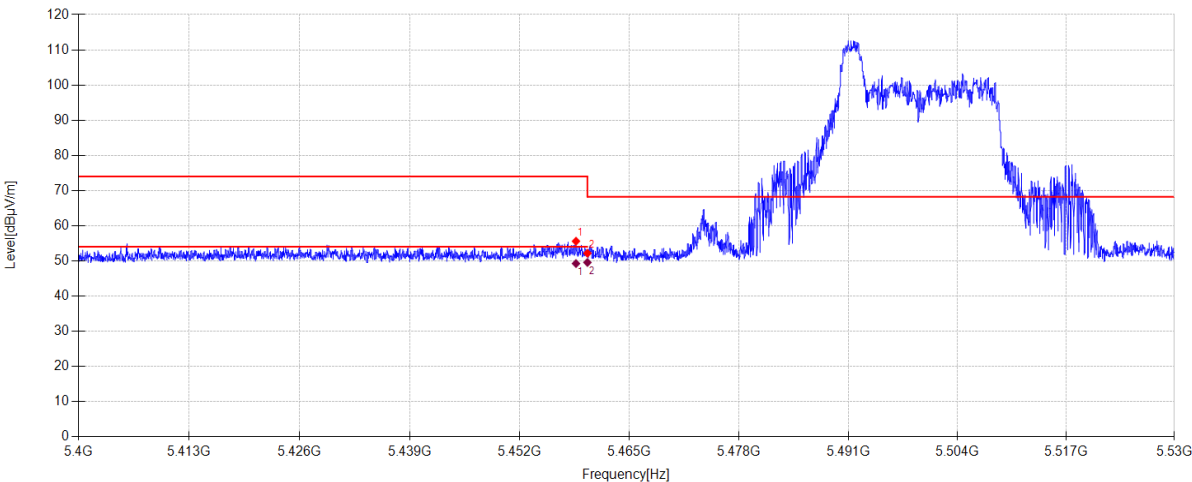
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Memo:

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	5458.643	46.72	33.00	5.48	-29.60	55.60	74.00	18.40	PK	Vertical
2	5460.000	43.30	33.00	5.48	-29.60	52.18	68.20	16.02	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	5458.643	40.37	33.00	5.48	49.25	54.0	4.75	AV	Vertical	
2	5460.000	40.67	33.00	5.48	49.55	54.0	4.45	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

MIMO TX 11AX20 RU8 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

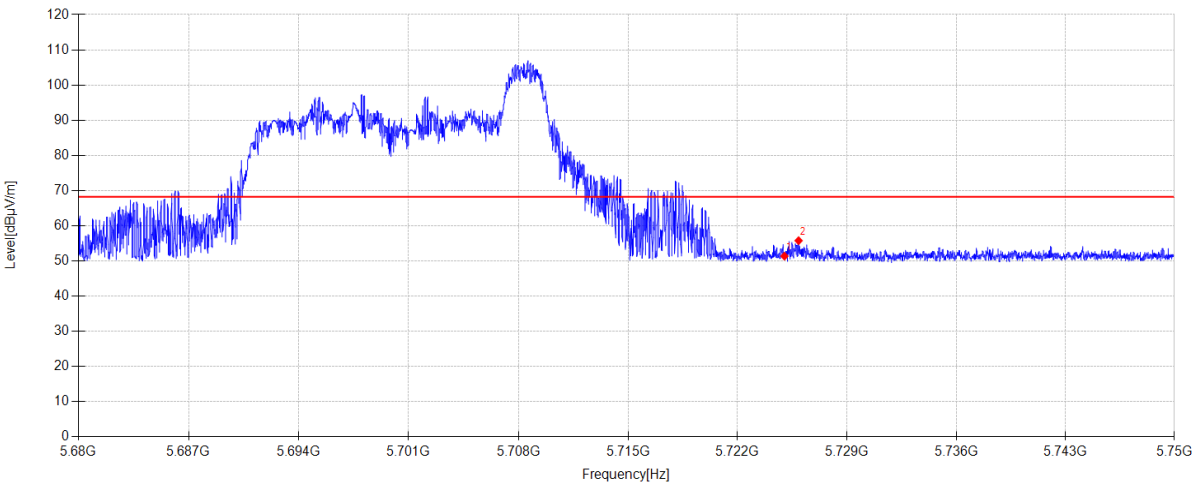
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d:\ts\2024 report data\Bar1000\0110 FCC ABOVE1G RU\7

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	41.55	33.75	5.66	-29.60	51.36	68.20	16.84	PK	Horizontal
2	5725.906	45.93	33.76	5.66	-29.60	55.75	68.20	12.45	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

MIMO TX 11AX20 RU8 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

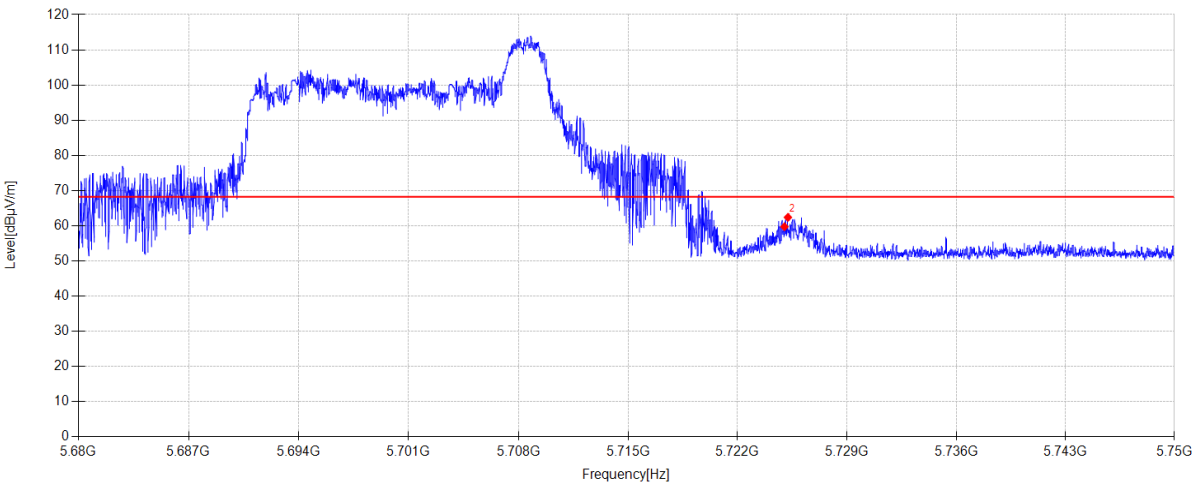
File Path:

d:\ts\2024 report data\Bar1000\0110 FCC ABOVE1G RU\8

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	49.91	33.75	5.66	-29.60	59.72	68.20	8.48	PK	Vertical
2	5725.220	52.57	33.75	5.66	-29.60	62.38	68.20	5.82	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

ANT1 TX 11A20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

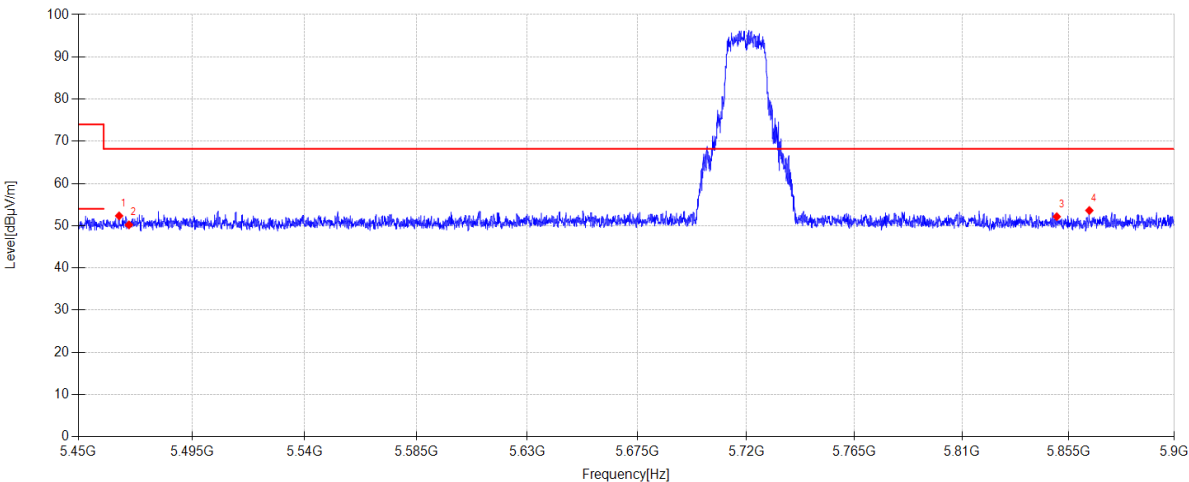
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Memo:

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	5466.110	43.45	33.00	5.49	-29.60	52.34	68.20	15.86	PK	Horizontal
2	5470.000	41.32	33.00	5.49	-29.60	50.21	68.20	17.99	PK	Horizontal
3	5850.000	42.01	34.00	5.74	-29.60	52.15	68.20	16.05	PK	Horizontal
4	5863.820	43.43	34.03	5.75	-29.60	53.61	68.20	14.59	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

ANT1 TX 11A20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

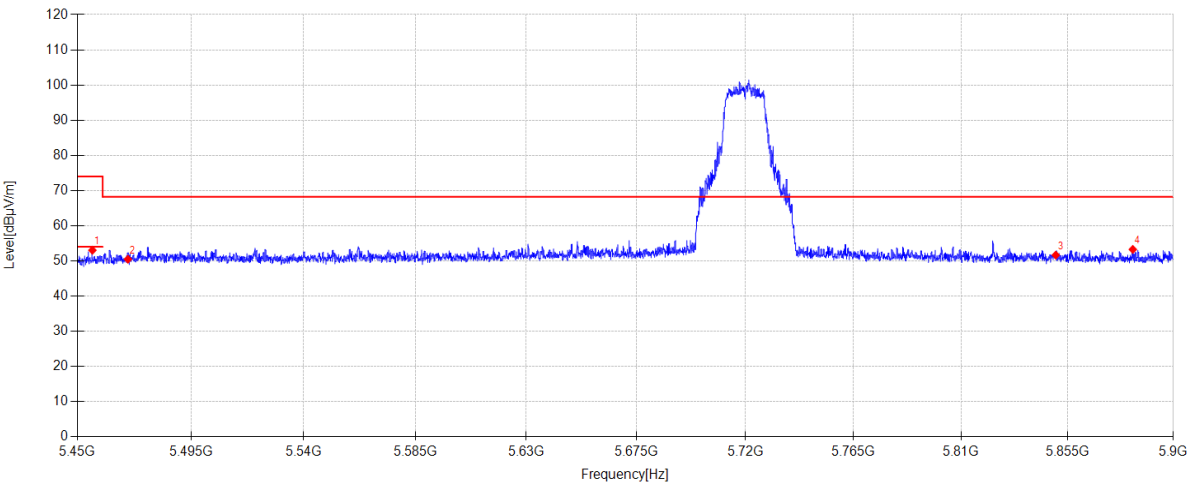
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Memo:

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	5455.940	44.15	33.00	5.48	-29.60	53.03	74.00	20.97	PK	Vertical
2	5470.000	41.58	33.00	5.49	-29.60	50.47	68.20	17.73	PK	Vertical
3	5850.000	41.51	34.00	5.74	-29.60	51.65	68.20	16.55	PK	Vertical
4	5882.720	43.03	34.07	5.76	-29.60	53.26	68.20	14.94	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

ANT2 TX 11A20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

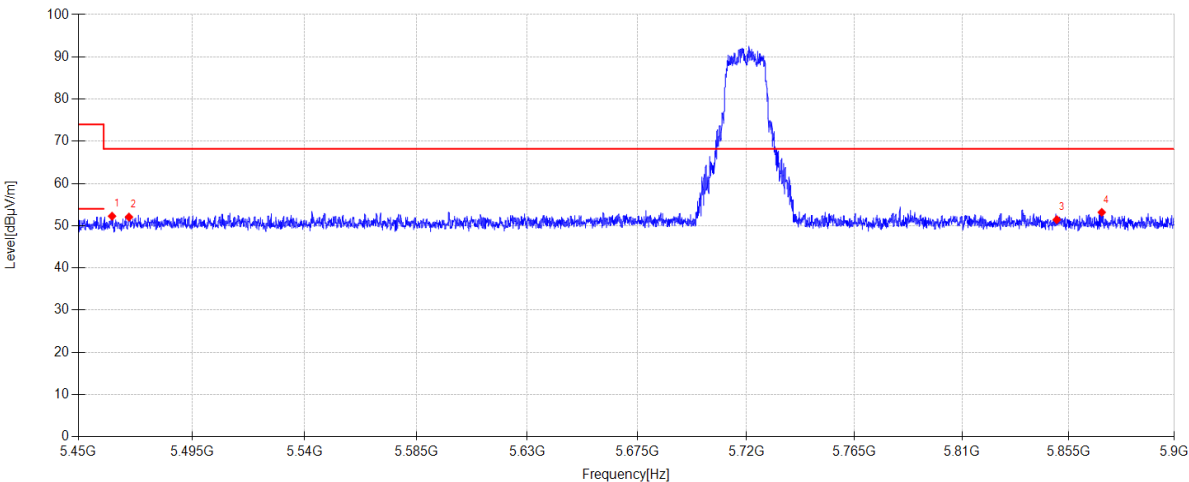
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Memo:

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	5463.320	43.37	33.00	5.49	-29.60	52.26	68.20	15.94	PK	Horizontal
2	5470.000	43.17	33.00	5.49	-29.60	52.06	68.20	16.14	PK	Horizontal
3	5850.000	41.29	34.00	5.74	-29.60	51.43	68.20	16.77	PK	Horizontal
4	5869.085	42.99	34.04	5.75	-29.60	53.18	68.20	15.02	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

ANT2 TX 11A20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

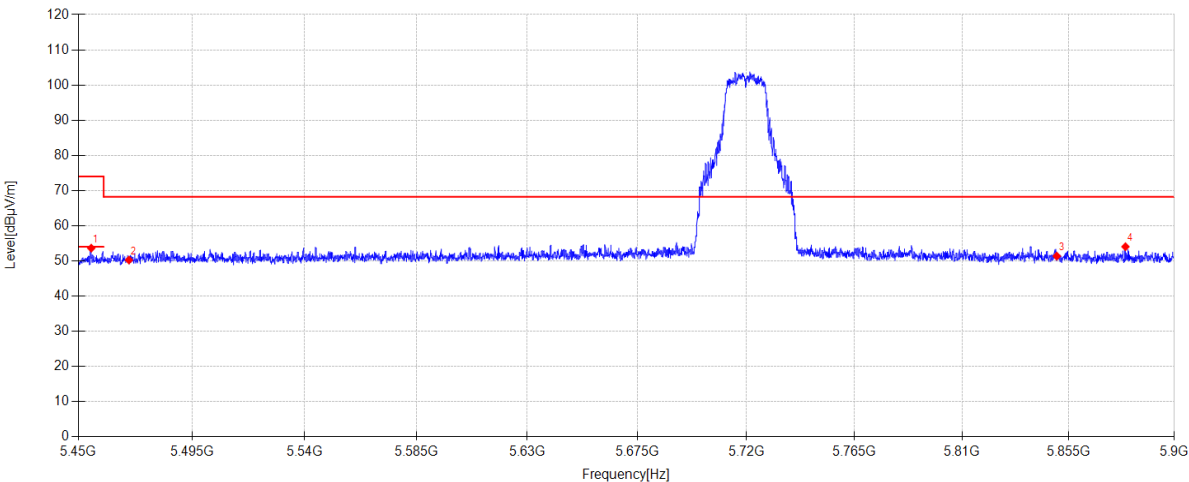
File Path:

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Memo:

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	5455.085	44.75	33.00	5.48	-29.60	53.63	74.00	20.37	PK	Vertical
2	5470.000	41.36	33.00	5.49	-29.60	50.25	68.20	17.95	PK	Vertical
3	5850.000	41.22	34.00	5.74	-29.60	51.36	68.20	16.84	PK	Vertical
4	5879.165	43.81	34.06	5.76	-29.60	54.03	68.20	14.17	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

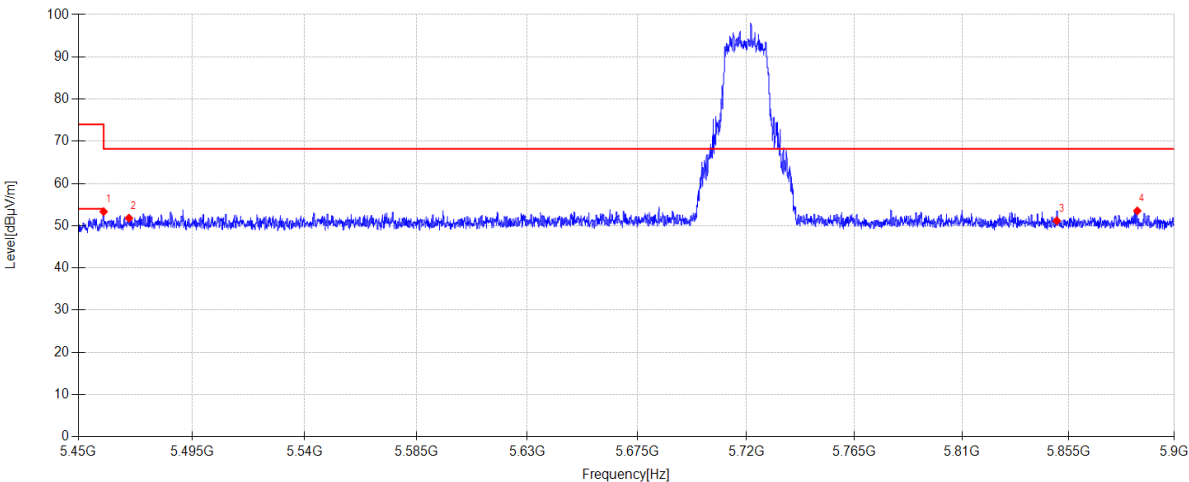
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Memo:

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	5459.990	44.46	33.00	5.48	-29.60	53.34	74.00	20.66	PK	Horizontal
2	5470.000	42.91	33.00	5.49	-29.60	51.80	68.20	16.40	PK	Horizontal
3	5850.000	41.03	34.00	5.74	-29.60	51.17	68.20	17.03	PK	Horizontal
4	5884.205	43.29	34.07	5.76	-29.60	53.52	68.20	14.68	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

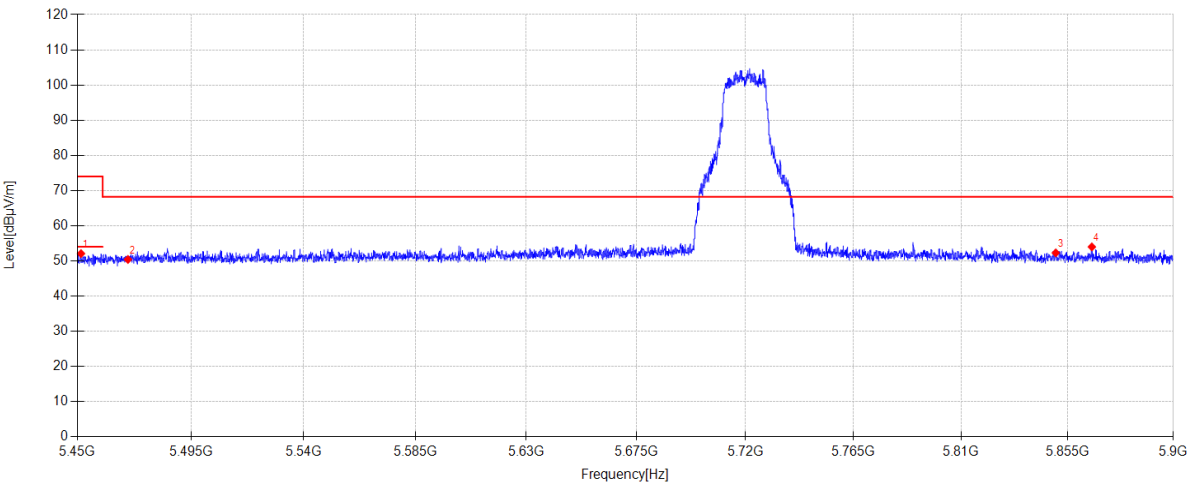
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Memo:

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	5451.440	43.19	33.00	5.48	-29.60	52.07	74.00	21.93	PK	Vertical
2	5470.000	41.52	33.00	5.49	-29.60	50.41	68.20	17.79	PK	Vertical
3	5850.000	42.14	34.00	5.74	-29.60	52.28	68.20	15.92	PK	Vertical
4	5865.305	43.80	34.03	5.75	-29.60	53.98	68.20	14.22	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

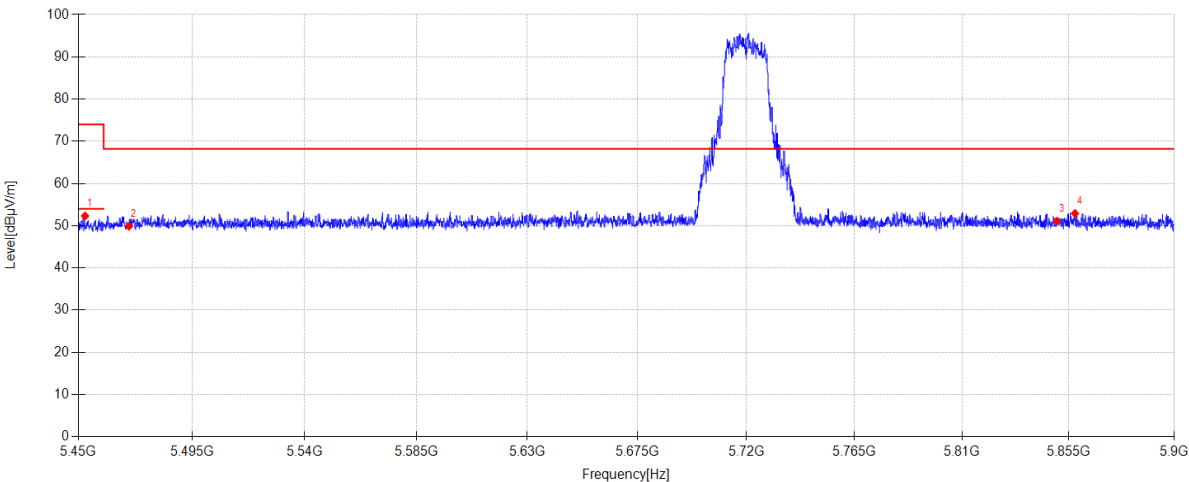
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d:\ts\2024 report data\Bar1000\0110 FCC ABOVE1G KUAYUE\7

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	5452.655	43.44	33.00	5.48	-29.60	52.32	74.00	21.68	PK	Horizontal
2	5470.000	40.98	33.00	5.49	-29.60	49.87	68.20	18.33	PK	Horizontal
3	5850.000	40.94	34.00	5.74	-29.60	51.08	68.20	17.12	PK	Horizontal
4	5857.700	42.74	34.02	5.75	-29.60	52.91	68.20	15.29	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

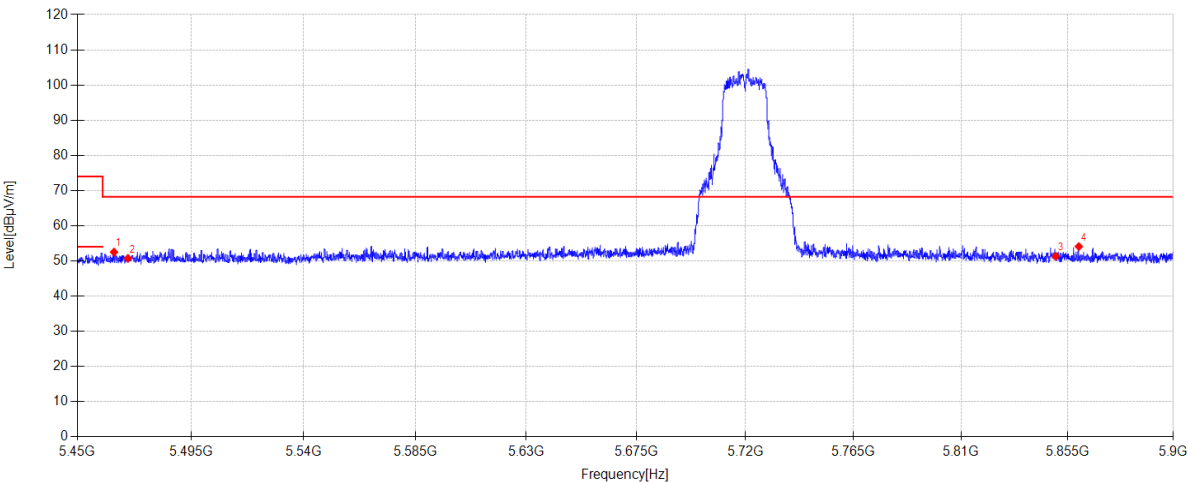
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d:\ts\2024 report data\Bar1000\0110 FCC ABOVE1G KUAYUE\8

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	5464.490	43.62	33.00	5.49	-29.60	52.51	68.20	15.69	PK	Vertical
2	5470.000	41.83	33.00	5.49	-29.60	50.72	68.20	17.48	PK	Vertical
3	5850.000	41.16	34.00	5.74	-29.60	51.30	68.20	16.90	PK	Vertical
4	5859.770	43.92	34.02	5.75	-29.60	54.09	68.20	14.11	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

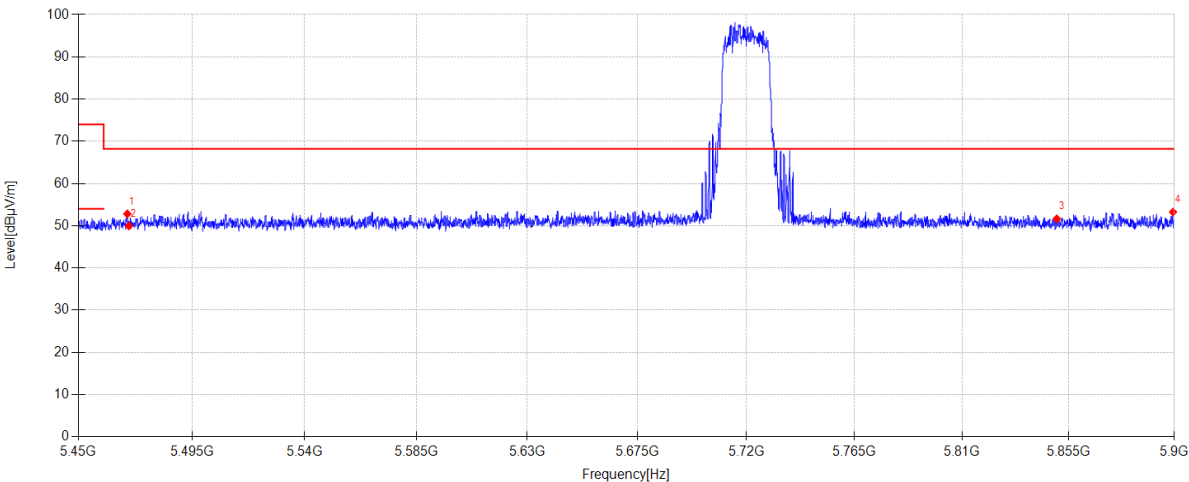
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d:\ts\2024 report data\Bar1000\0110 FCC ABOVE1G KUAYUE\9

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	5469.350	43.92	33.00	5.49	-29.60	52.81	68.20	15.39	PK	Horizontal
2	5470.000	41.06	33.00	5.49	-29.60	49.95	68.20	18.25	PK	Horizontal
3	5850.000	41.49	34.00	5.74	-29.60	51.63	68.20	16.57	PK	Horizontal
4	5899.460	42.98	34.10	5.77	-29.60	53.25	68.20	14.95	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5720MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

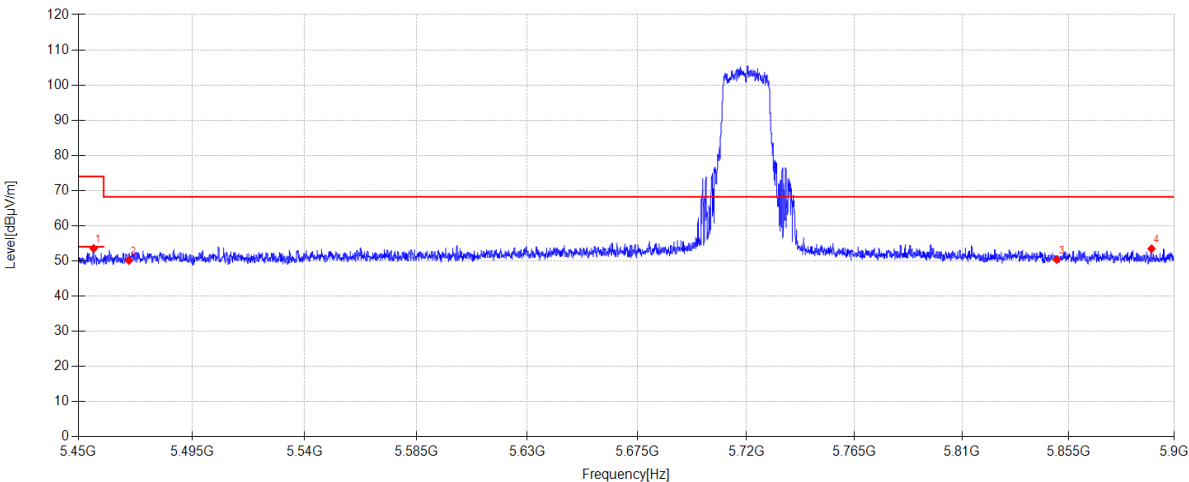
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Memo:

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	5456.030	44.66	33.00	5.48	-29.60	53.54	74.00	20.46	PK	Vertical
2	5470.000	41.20	33.00	5.49	-29.60	50.09	68.20	18.11	PK	Vertical
3	5850.000	40.23	34.00	5.74	-29.60	50.37	68.20	17.83	PK	Vertical
4	5890.280	43.21	34.08	5.77	-29.60	53.46	68.20	14.74	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N40 5710MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

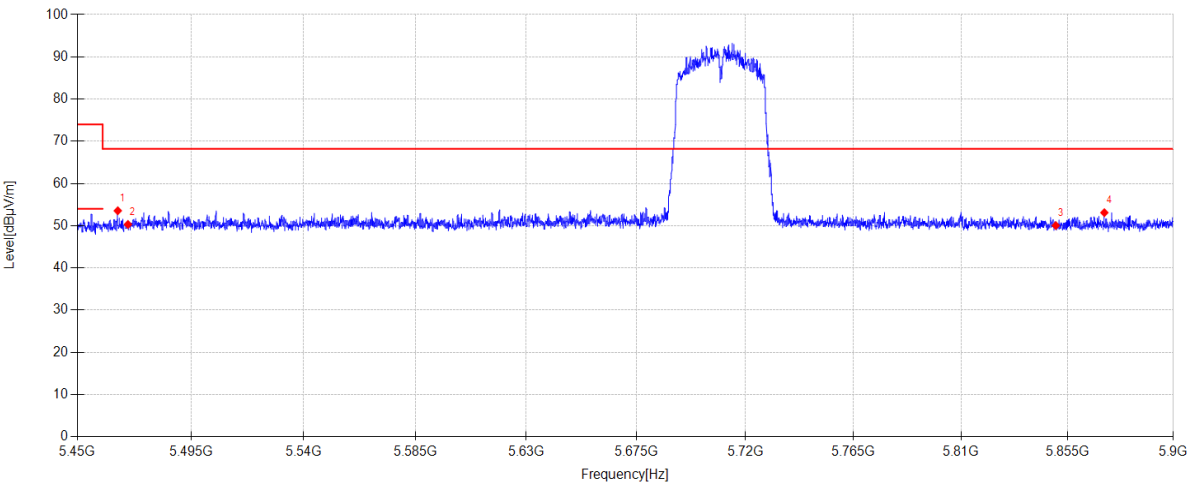
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Memo:

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	5465.975	44.66	33.00	5.49	-29.60	53.55	68.20	14.65	PK	Horizontal
2	5470.000	41.42	33.00	5.49	-29.60	50.31	68.20	17.89	PK	Horizontal
3	5850.000	39.90	34.00	5.74	-29.60	50.04	68.20	18.16	PK	Horizontal
4	5870.615	42.91	34.04	5.75	-29.60	53.10	68.20	15.10	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N40 5710MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

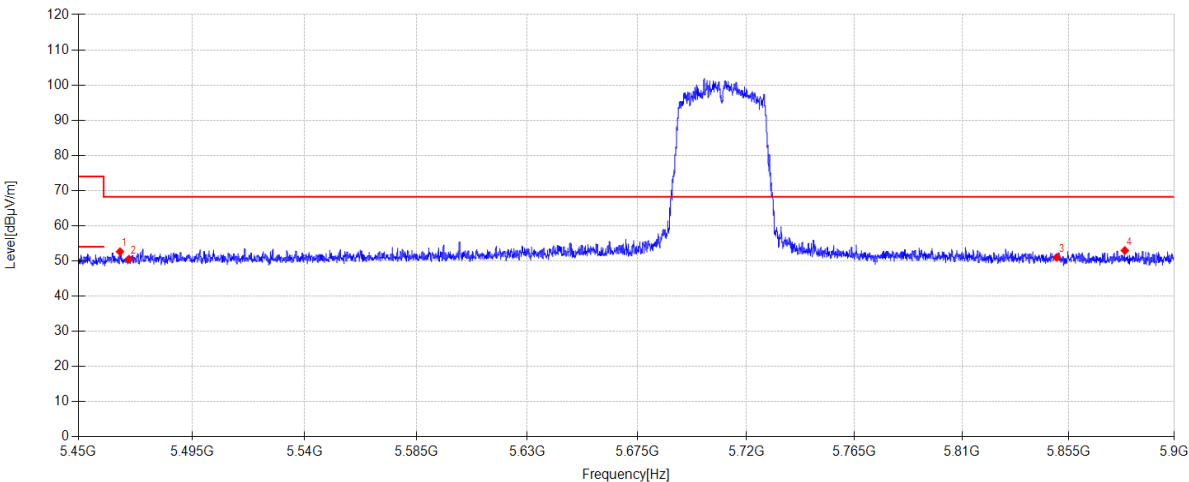
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Memo:

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	5466.470	43.73	33.00	5.49	-29.60	52.62	68.20	15.58	PK	Vertical
2	5470.000	41.60	33.00	5.49	-29.60	50.49	68.20	17.71	PK	Vertical
3	5850.000	40.86	34.00	5.74	-29.60	51.00	68.20	17.20	PK	Vertical
4	5878.895	42.73	34.06	5.76	-29.60	52.95	68.20	15.25	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

AC40 5710MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

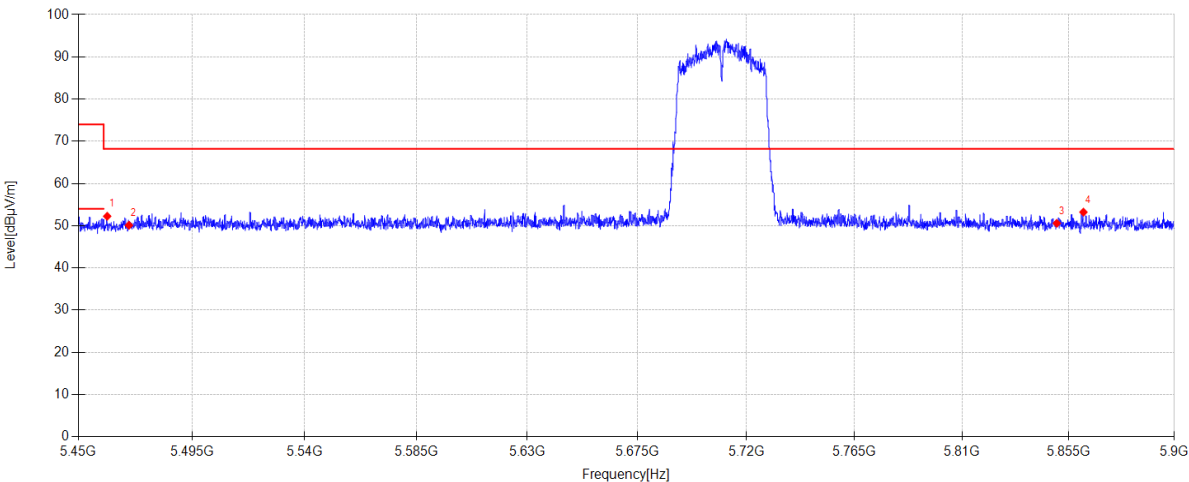
File Path:

d:\ts\2024 report data\Bar1000\0110 FCC ABOVE1G KUAYUE\23

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	5461.385	43.36	33.00	5.48	-29.60	52.24	68.20	15.96	PK	Horizontal
2	5470.000	41.22	33.00	5.49	-29.60	50.11	68.20	18.09	PK	Horizontal
3	5850.000	40.43	34.00	5.74	-29.60	50.57	68.20	17.63	PK	Horizontal
4	5861.300	43.05	34.02	5.75	-29.60	53.22	68.20	14.98	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

AC40 5710MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

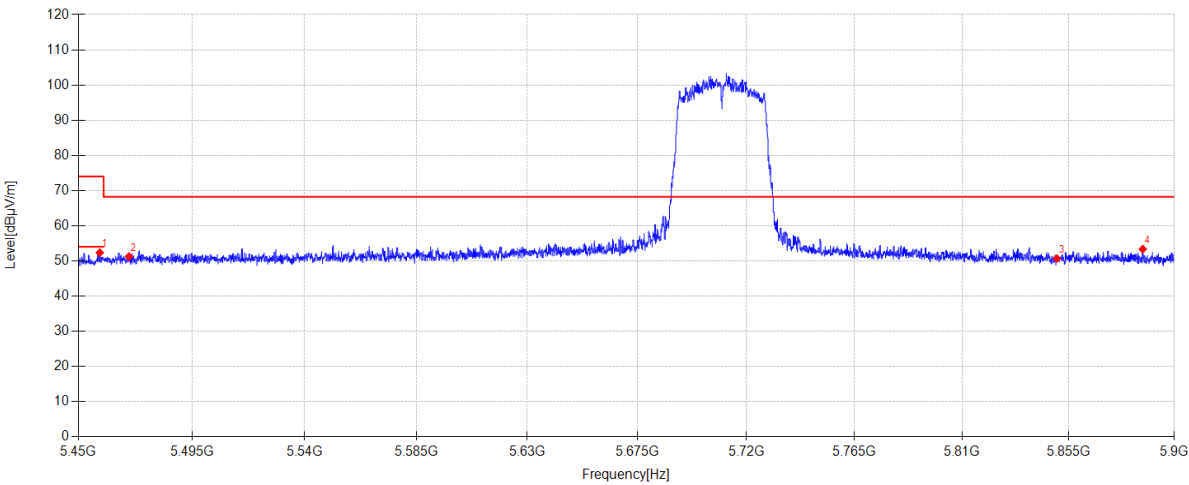
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Memo:

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	5458.460	43.46	33.00	5.48	-29.60	52.34	74.00	21.66	PK	Vertical
2	5470.000	42.34	33.00	5.49	-29.60	51.23	68.20	16.97	PK	Vertical
3	5850.000	40.54	34.00	5.74	-29.60	50.68	68.20	17.52	PK	Vertical
4	5886.545	43.10	34.07	5.77	-29.60	53.34	68.20	14.86	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

AX40 5710MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

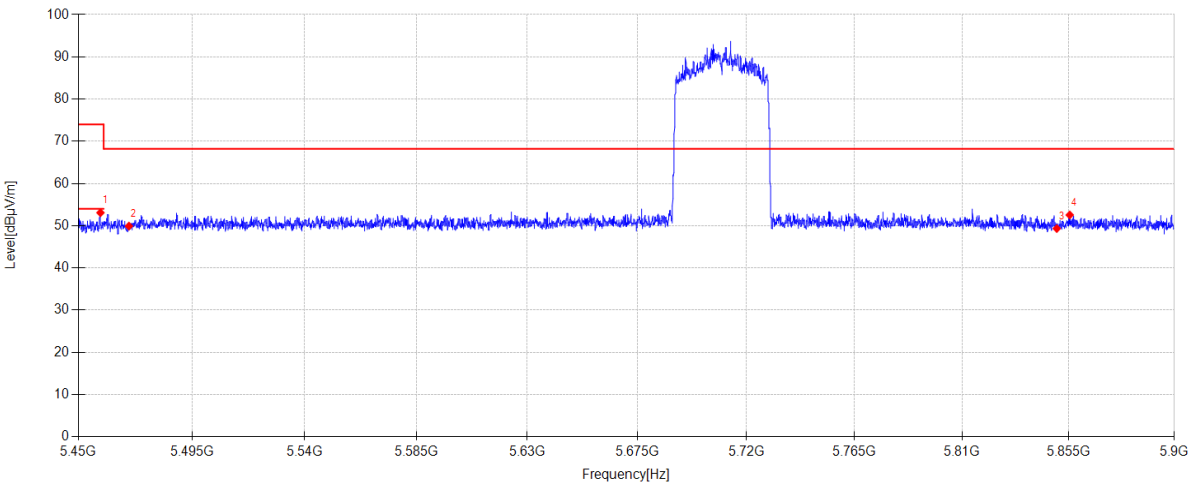
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Memo:

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	5458.730	44.20	33.00	5.48	-29.60	53.08	74.00	20.92	PK	Horizontal
2	5470.000	41.03	33.00	5.49	-29.60	49.92	68.20	18.28	PK	Horizontal
3	5850.000	39.19	34.00	5.74	-29.60	49.33	68.20	18.87	PK	Horizontal
4	5855.495	42.40	34.01	5.74	-29.60	52.55	68.20	15.65	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

AX40 5710MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

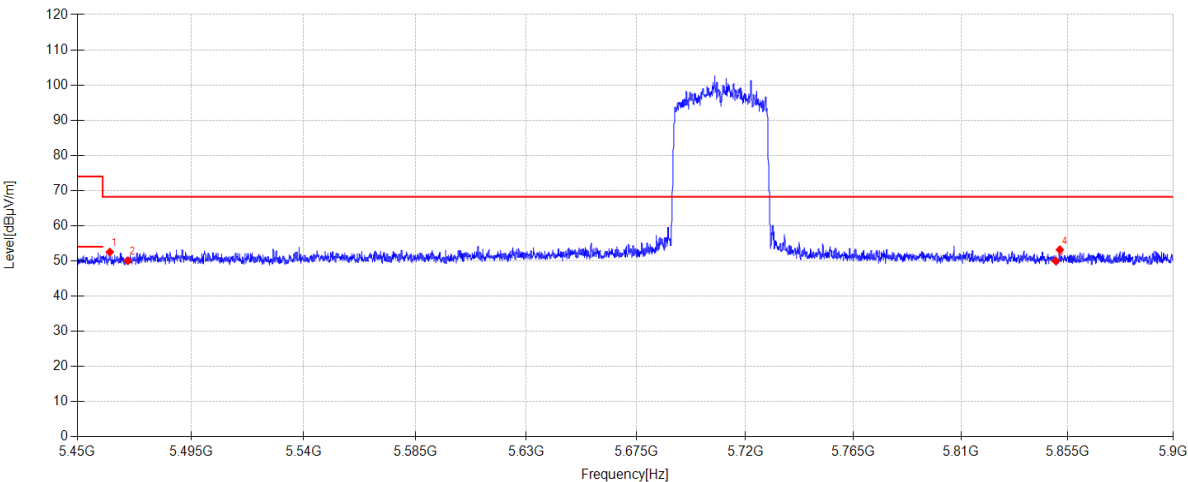
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Memo:

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	5462.825	43.62	33.00	5.49	-29.60	52.51	68.20	15.69	PK	Vertical
2	5470.000	41.15	33.00	5.49	-29.60	50.04	68.20	18.16	PK	Vertical
3	5850.000	39.83	34.00	5.74	-29.60	49.97	68.20	18.23	PK	Vertical
4	5851.715	43.03	34.00	5.74	-29.60	53.17	68.20	15.03	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

AX80 5690MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

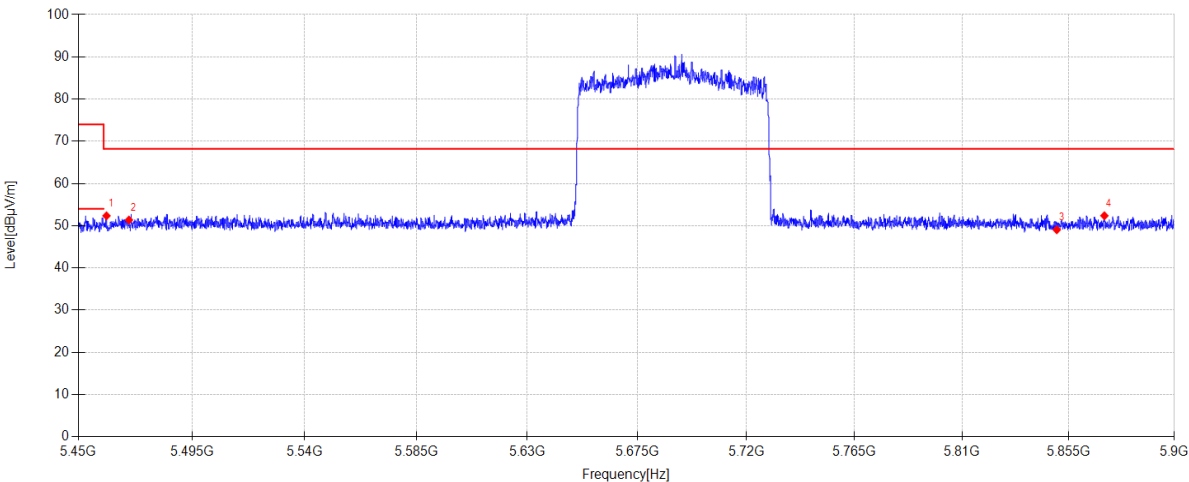
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Memo:

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	5461.115	43.47	33.00	5.48	-29.60	52.35	68.20	15.85	PK	Horizontal
2	5470.000	42.47	33.00	5.49	-29.60	51.36	68.20	16.84	PK	Horizontal
3	5850.000	38.90	34.00	5.74	-29.60	49.04	68.20	19.16	PK	Horizontal
4	5870.210	42.18	34.04	5.75	-29.60	52.37	68.20	15.83	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 1000MK2

Test Mode:

AX80 5690MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

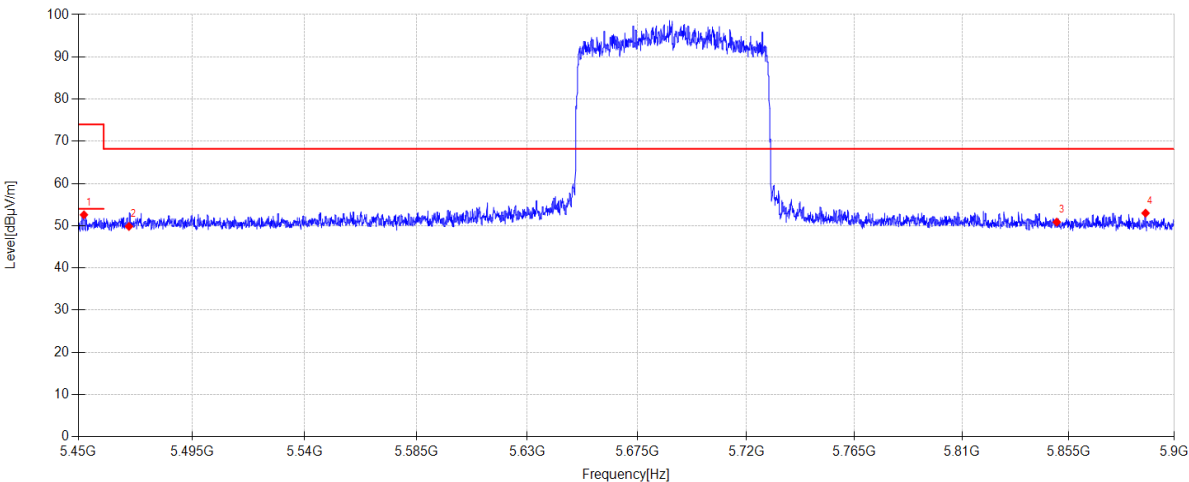
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Memo:

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	5452.205	43.70	33.00	5.48	-29.60	52.58	74.00	21.42	PK	Vertical
2	5470.000	40.93	33.00	5.49	-29.60	49.82	68.20	18.38	PK	Vertical
3	5850.000	40.73	34.00	5.74	-29.60	50.87	68.20	17.33	PK	Vertical
4	5887.715	42.74	34.08	5.77	-29.60	52.99	68.20	15.21	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

AC80 5690MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

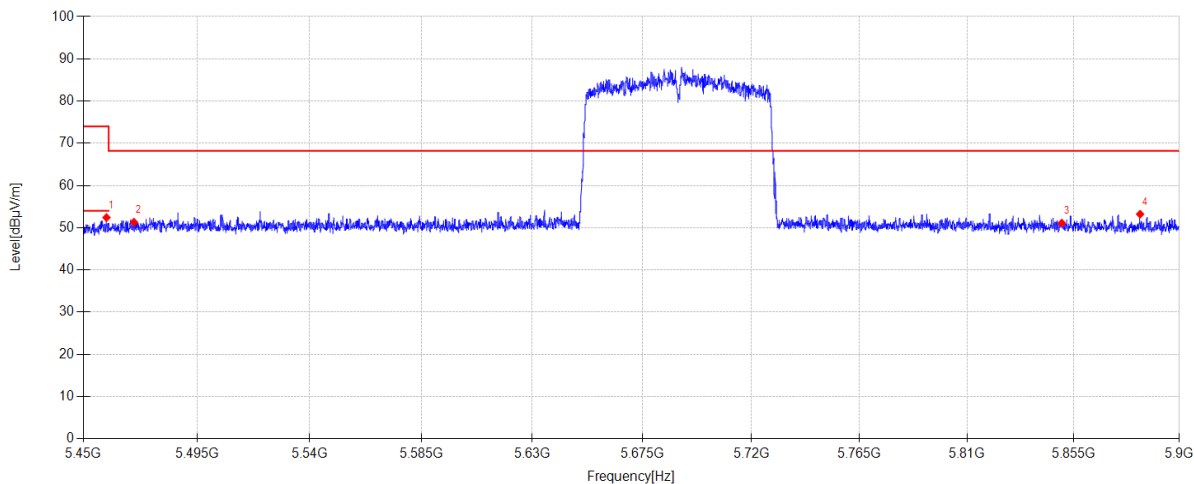
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Memo:

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	5459.135	43.53	33.00	5.48	-29.60	52.41	74.00	21.59	PK	Horizontal
2	5470.000	42.42	33.00	5.49	-29.60	51.31	68.20	16.89	PK	Horizontal
3	5850.000	40.95	34.00	5.74	-29.60	51.09	68.20	17.11	PK	Horizontal
4	5883.260	42.98	34.07	5.76	-29.60	53.21	68.20	14.99	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

AC80 5690MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

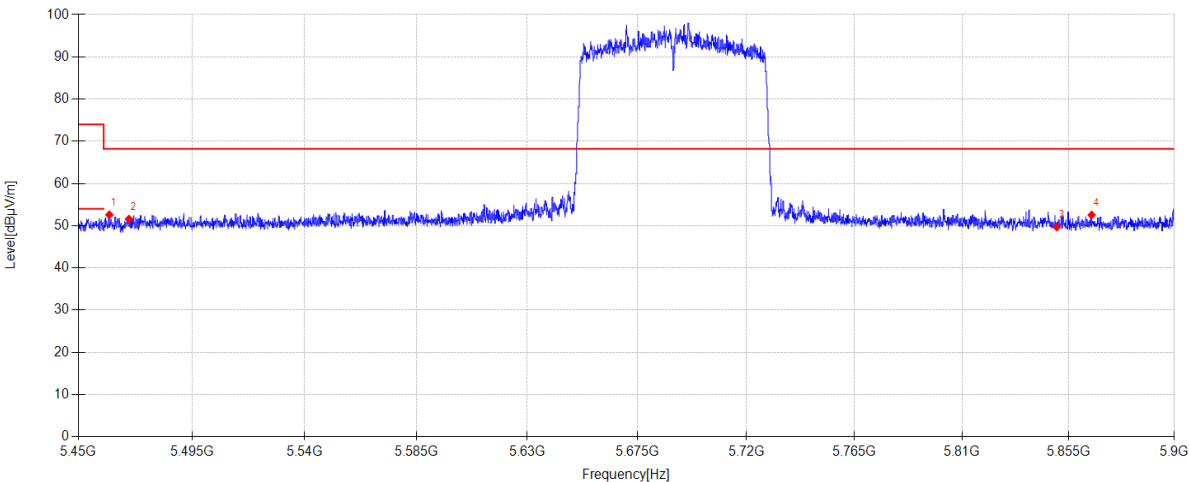
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Memo:

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	5462.240	43.70	33.00	5.49	-29.60	52.59	68.20	15.61	PK	Vertical
2	5470.000	42.69	33.00	5.49	-29.60	51.58	68.20	16.62	PK	Vertical
3	5850.000	39.55	34.00	5.74	-29.60	49.69	68.20	18.51	PK	Vertical
4	5864.810	42.37	34.03	5.75	-29.60	52.55	68.20	15.65	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

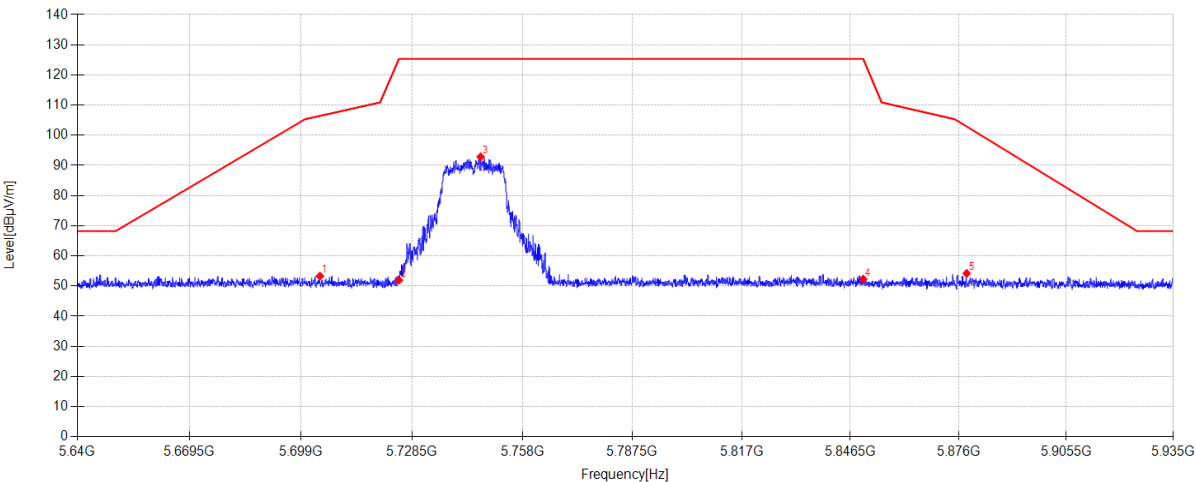
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Memo:

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	5704.015	43.63	33.62	5.64	-29.60	53.29	106.42	53.13	PK	Horizontal
2	5725.000	42.13	33.75	5.66	-29.60	51.94	125.30	73.36	PK	Horizontal
3	5746.820	82.91	33.88	5.67	-29.60	92.86	125.30	32.44	PK	Horizontal
4	5850.000	42.14	34.00	5.74	-29.60	52.28	125.30	73.02	PK	Horizontal
5	5878.213	43.97	34.06	5.76	-29.60	54.19	102.92	48.73	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

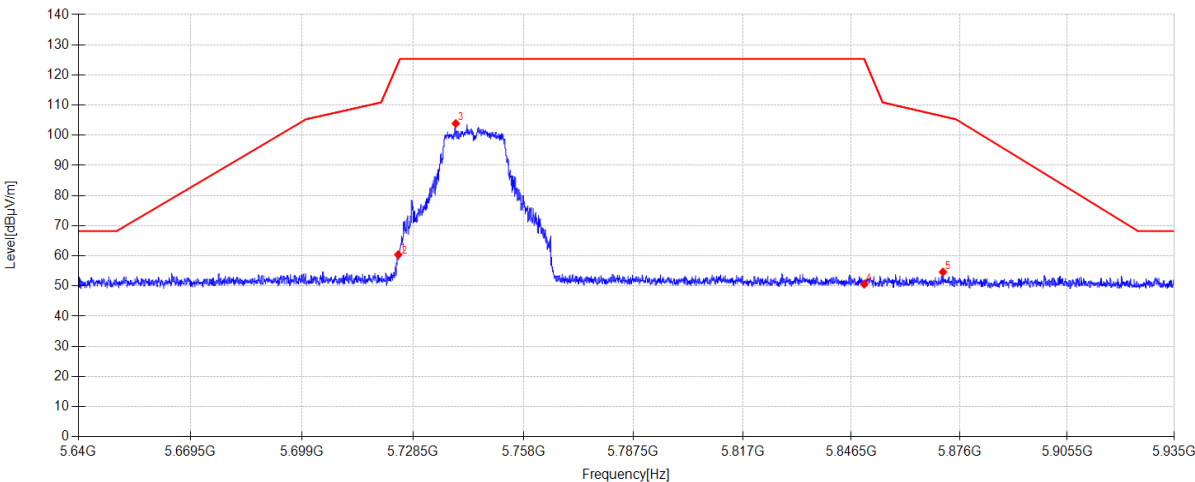
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Memo:

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	5724.547	50.59	33.75	5.66	-29.60	60.40	124.00	63.60	PK	Vertical
2	5725.000	49.89	33.75	5.66	-29.60	59.70	125.30	65.60	PK	Vertical
3	5739.887	94.00	33.84	5.67	-29.60	103.91	125.30	21.39	PK	Vertical
4	5850.000	40.46	34.00	5.74	-29.60	50.60	125.30	74.70	PK	Vertical
5	5871.457	44.44	34.04	5.76	-29.60	54.64	106.29	51.65	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

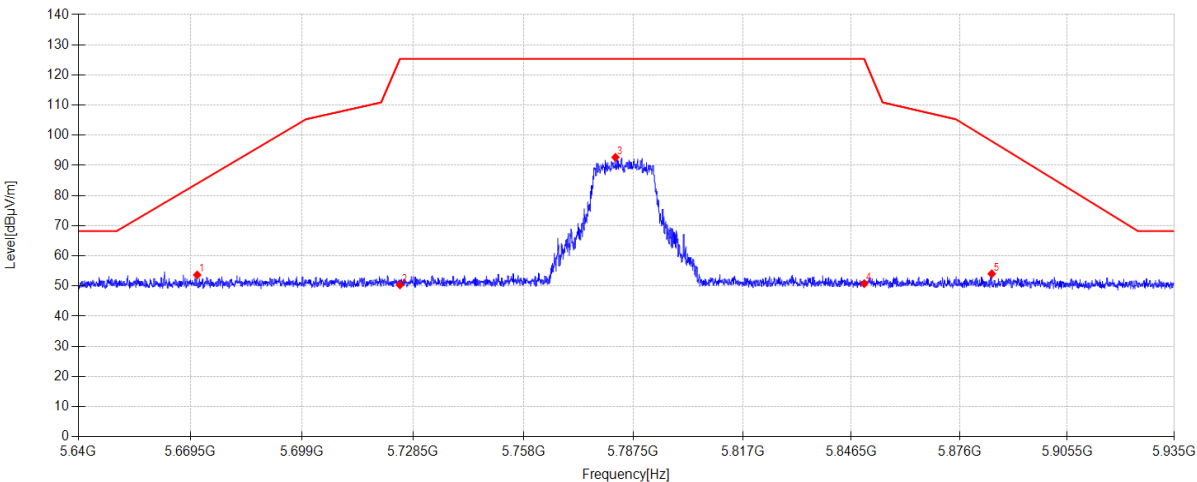
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Memo:

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	5671.270	44.16	33.49	5.62	-29.60	53.67	83.98	30.31	PK	Horizontal
2	5725.000	40.56	33.75	5.66	-29.60	50.37	125.30	74.93	PK	Horizontal
3	5782.692	82.49	34.10	5.70	-29.60	92.69	125.30	32.61	PK	Horizontal
4	5850.000	40.66	34.00	5.74	-29.60	50.80	125.30	74.50	PK	Horizontal
5	5884.791	43.83	34.07	5.76	-29.60	54.06	98.04	43.98	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

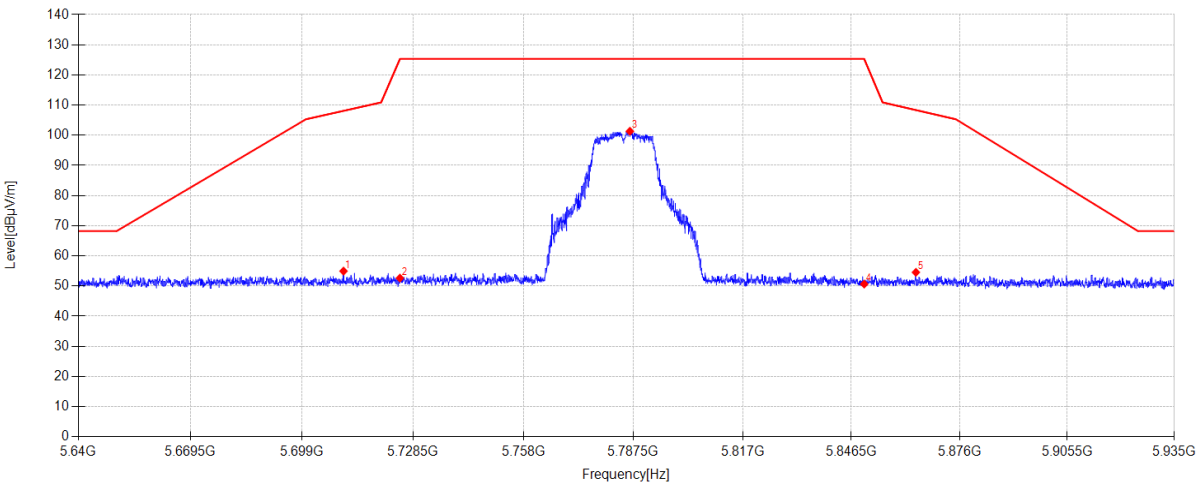
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Memo:

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	5710.004	45.23	33.66	5.65	-29.60	54.94	108.10	53.16	PK	Vertical
2	5725.000	42.82	33.75	5.66	-29.60	52.63	125.30	72.67	PK	Vertical
3	5786.586	91.11	34.12	5.70	-29.60	101.33	125.30	23.97	PK	Vertical
4	5850.000	40.52	34.00	5.74	-29.60	50.66	125.30	74.64	PK	Vertical
5	5864.082	44.37	34.03	5.75	-29.60	54.55	108.36	53.81	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

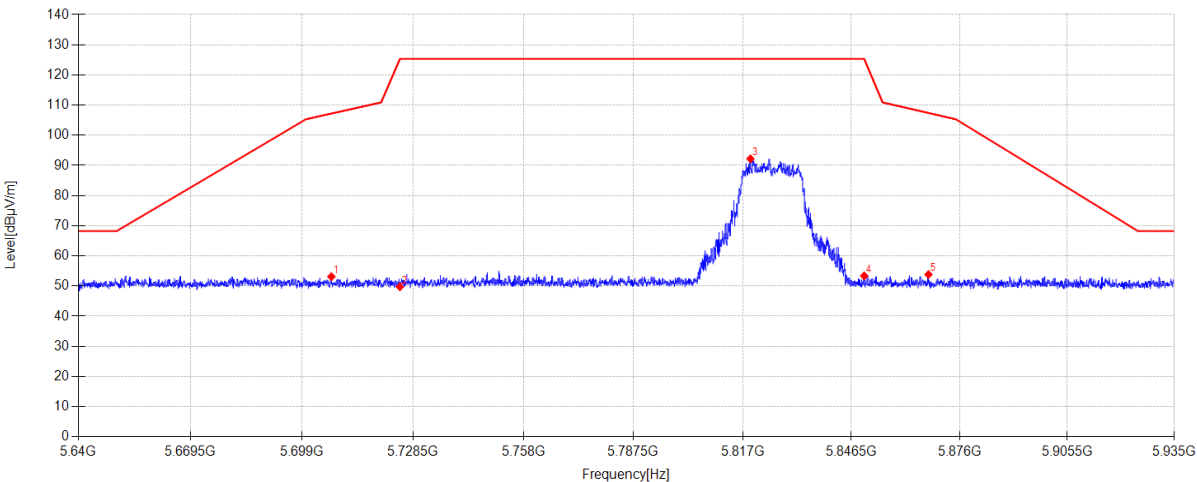
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Memo:

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	5706.788	43.42	33.64	5.65	-29.60	53.11	107.20	54.09	PK	Horizontal
2	5725.000	39.95	33.75	5.66	-29.60	49.76	125.30	75.54	PK	Horizontal
3	5819.124	81.95	34.12	5.72	-29.60	92.19	125.30	33.11	PK	Horizontal
4	5850.000	43.23	34.00	5.74	-29.60	53.37	125.30	71.93	PK	Horizontal
5	5867.504	43.64	34.04	5.75	-29.60	53.83	107.40	53.57	PK	Horizontal

Note:

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

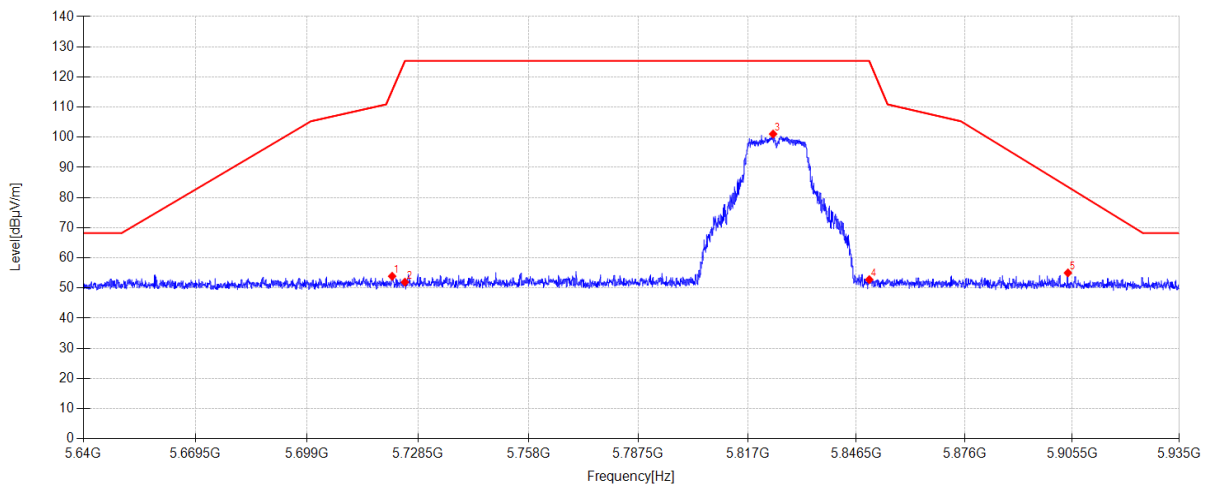
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-10 **Tested By:** Zhong Nan
EUT: Multi-Channel Soundbar with wireless subwoofer **Model Number:** BAR 1000MK2
Test Mode: TX ANT2 11A 5825MHz **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\Bar1000\0110 FCC ABOVE1G 5.8G\6
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	5721.597	44.12	33.73	5.66	-29.60	53.91	115.50	61.59	PK	Vertical
2	5725.000	42.15	33.75	5.66	-29.60	51.96	125.30	73.34	PK	Vertical
3	5823.903	90.86	34.10	5.72	-29.60	101.08	125.30	24.22	PK	Vertical
4	5850.000	42.65	34.00	5.74	-29.60	52.79	125.30	72.51	PK	Vertical
5	5904.320	44.74	34.11	5.78	-29.60	55.03	83.54	28.51	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

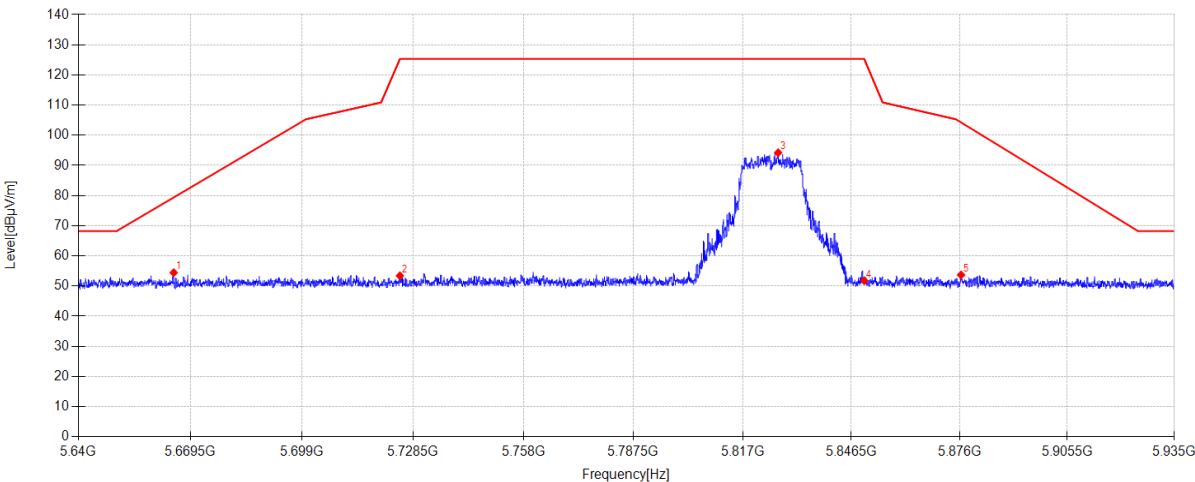
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Memo:

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	5665.075	44.96	33.46	5.62	-29.60	54.44	79.39	24.95	PK	Horizontal
2	5725.000	43.58	33.75	5.66	-29.60	53.39	125.30	71.91	PK	Horizontal
3	5826.617	84.00	34.09	5.73	-29.60	94.22	125.30	31.08	PK	Horizontal
4	5850.000	41.63	34.00	5.74	-29.60	51.77	125.30	73.53	PK	Horizontal
5	5876.413	43.48	34.05	5.76	-29.60	53.69	104.25	50.56	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

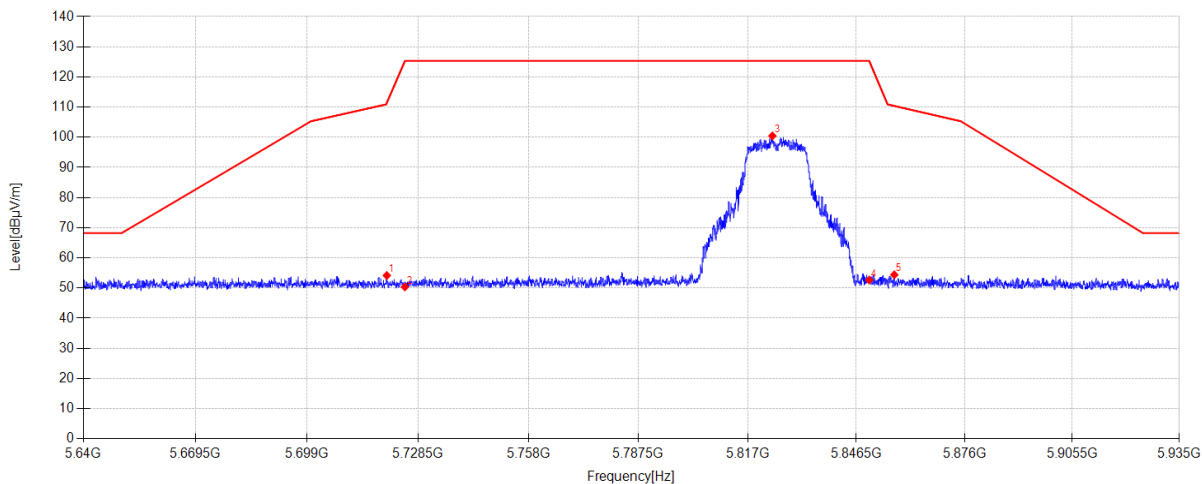
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Memo:

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	5720.181	44.38	33.72	5.66	-29.60	54.16	111.42	57.26	PK	Vertical
2	5725.000	40.55	33.75	5.66	-29.60	50.36	125.30	74.94	PK	Vertical
3	5823.697	90.22	34.11	5.72	-29.60	100.45	125.30	24.85	PK	Vertical
4	5850.000	42.51	34.00	5.74	-29.60	52.65	125.30	72.65	PK	Vertical
5	5856.825	44.23	34.01	5.75	-29.60	54.39	110.39	56.00	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

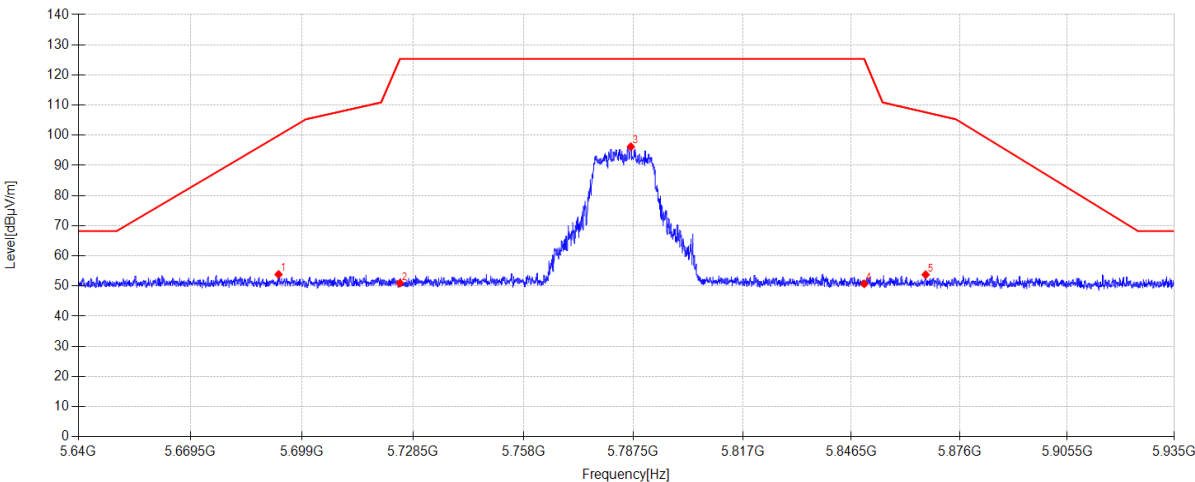
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Memo:

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	5692.776	44.23	33.57	5.64	-29.60	53.84	99.94	46.10	PK	Horizontal
2	5725.000	41.15	33.75	5.66	-29.60	50.96	125.30	74.34	PK	Horizontal
3	5786.822	85.99	34.12	5.70	-29.60	96.21	125.30	29.09	PK	Horizontal
4	5850.000	40.60	34.00	5.74	-29.60	50.74	125.30	74.56	PK	Horizontal
5	5866.737	43.58	34.03	5.75	-29.60	53.76	107.61	53.85	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

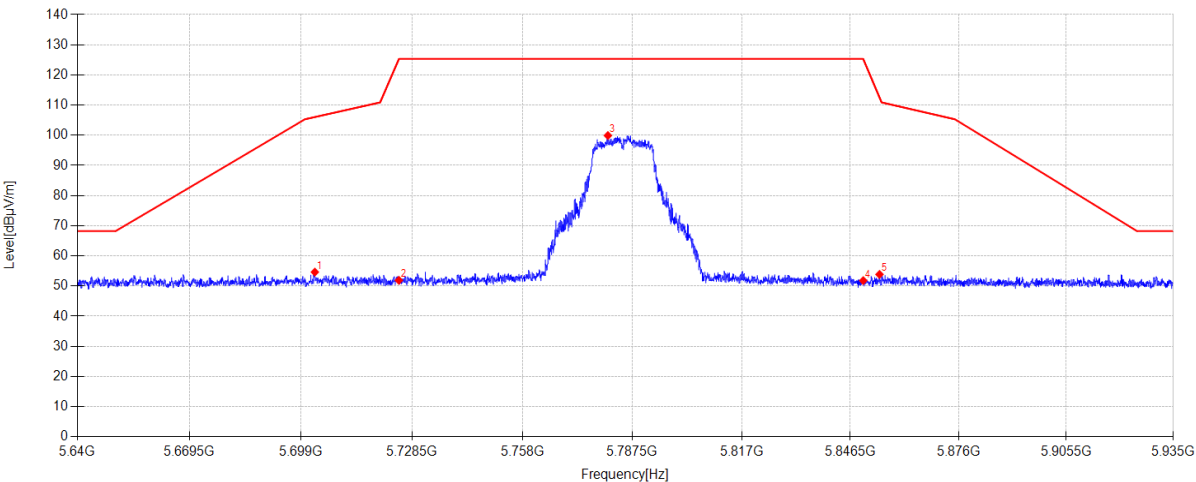
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Memo:

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	5702.658	44.97	33.62	5.64	-29.60	54.63	106.04	51.41	PK	Vertical
2	5725.000	42.08	33.75	5.66	-29.60	51.89	125.30	73.41	PK	Vertical
3	5780.922	89.72	34.09	5.70	-29.60	99.91	125.30	25.39	PK	Vertical
4	5850.000	41.66	34.00	5.74	-29.60	51.80	125.30	73.50	PK	Vertical
5	5854.436	43.71	34.01	5.74	-29.60	53.86	112.53	58.67	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

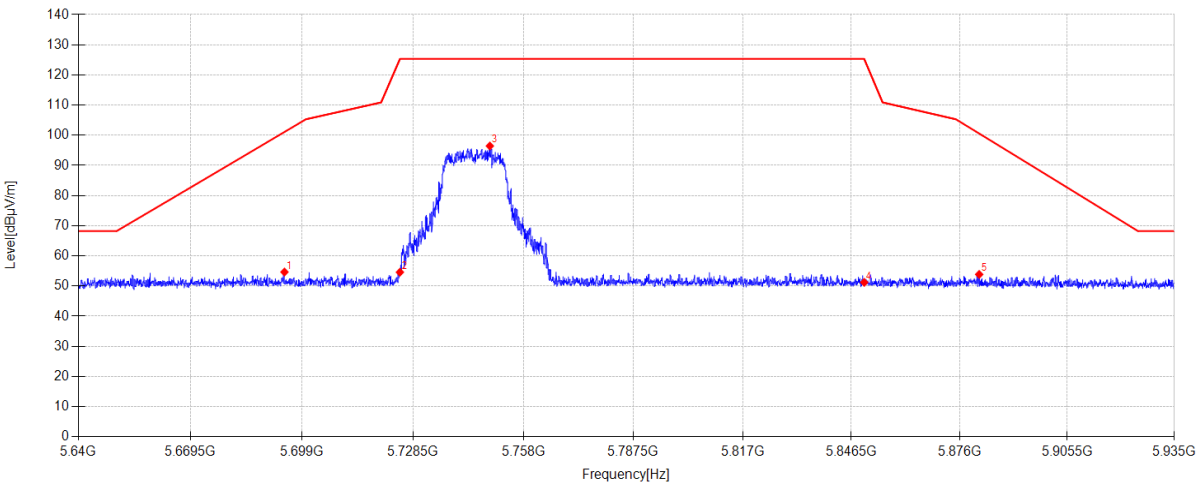
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Memo:

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	5694.339	45.02	33.58	5.64	-29.60	54.64	101.10	46.46	PK	Horizontal
2	5725.000	44.77	33.75	5.66	-29.60	54.58	125.30	70.72	PK	Horizontal
3	5749.003	86.48	33.89	5.67	-29.60	96.44	125.30	28.86	PK	Horizontal
4	5850.000	41.07	34.00	5.74	-29.60	51.21	125.30	74.09	PK	Horizontal
5	5881.369	43.63	34.06	5.76	-29.60	53.85	100.57	46.72	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

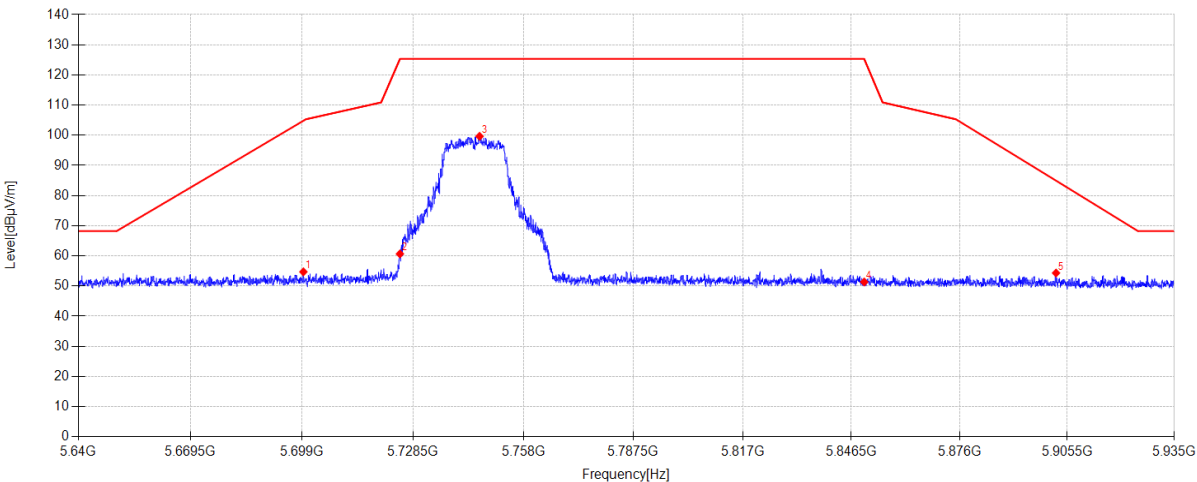
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Memo:

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	5699.354	45.07	33.60	5.64	-29.60	54.71	104.82	50.11	PK	Vertical
2	5725.000	50.84	33.75	5.66	-29.60	60.65	125.30	64.65	PK	Vertical
3	5746.259	89.71	33.88	5.67	-29.60	99.66	125.30	25.64	PK	Vertical
4	5850.000	41.21	34.00	5.74	-29.60	51.35	125.30	73.95	PK	Vertical
5	5902.432	44.05	34.10	5.78	-29.60	54.33	84.95	30.62	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

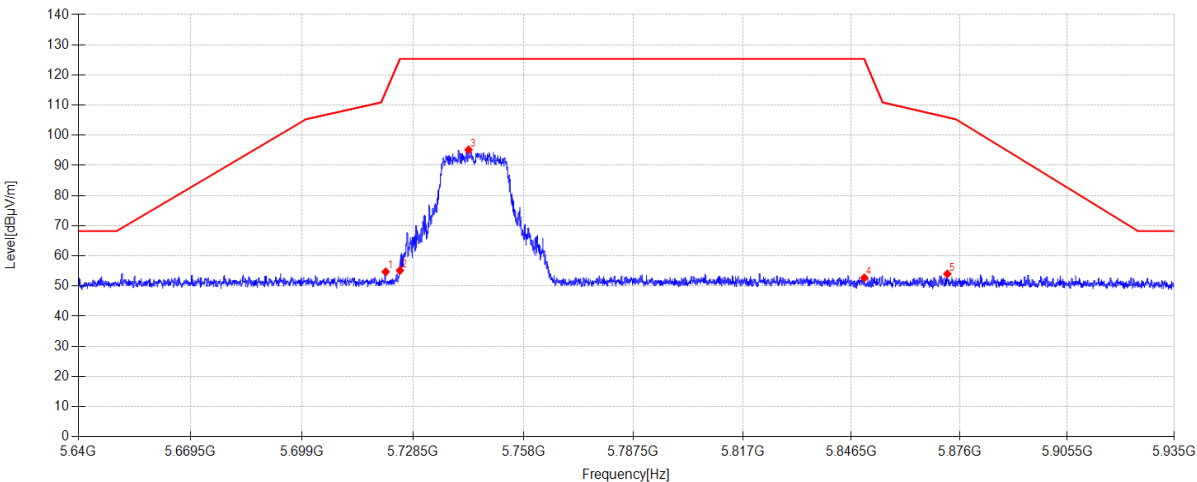
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Memo:

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	5721.214	44.91	33.73	5.66	-29.60	54.70	114.39	59.69	PK	Horizontal
2	5725.000	45.34	33.75	5.66	-29.60	55.15	125.30	70.15	PK	Horizontal
3	5743.309	85.24	33.86	5.67	-29.60	95.17	125.30	30.13	PK	Horizontal
4	5850.000	42.57	34.00	5.74	-29.60	52.71	125.30	72.59	PK	Horizontal
5	5872.667	43.79	34.05	5.76	-29.60	54.00	105.95	51.95	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.