

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

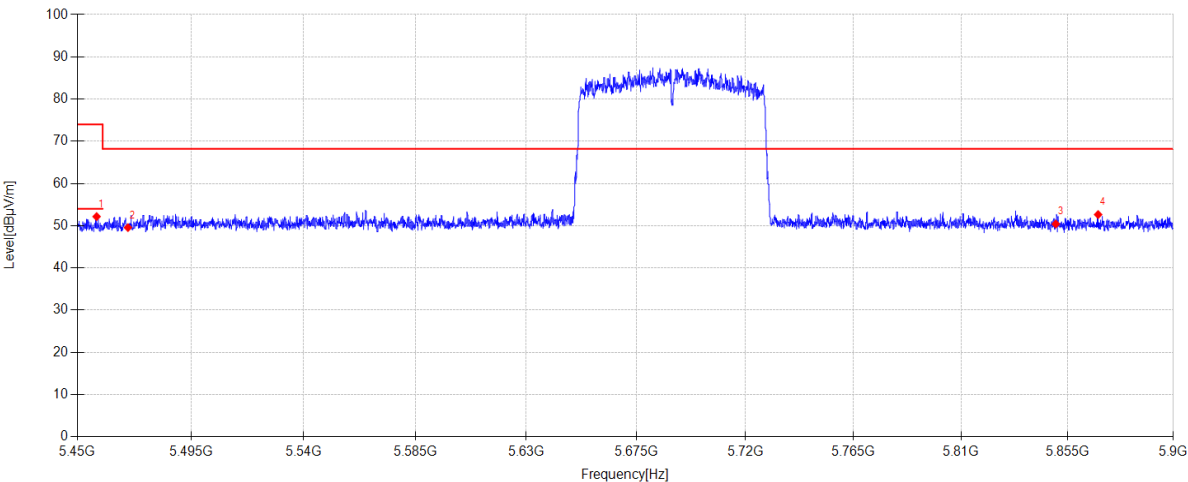
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Memo:

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.

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

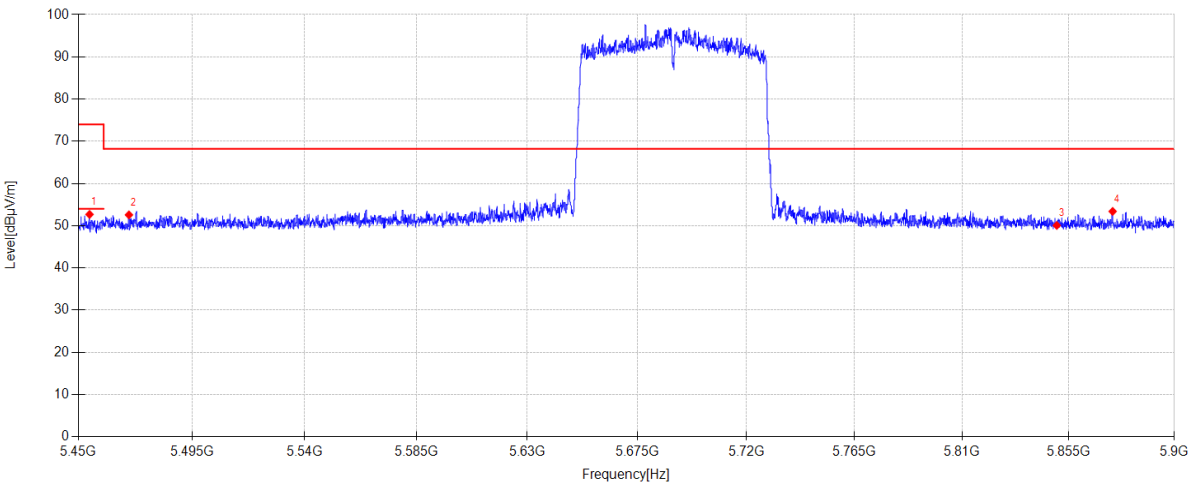
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Memo:

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	5454.410	43.80	33.00	5.48	-29.60	52.68	74.00	21.32	PK	Vertical
2	5470.000	43.67	33.00	5.49	-29.60	52.56	68.20	15.64	PK	Vertical
3	5850.000	39.93	34.00	5.74	-29.60	50.07	68.20	18.13	PK	Vertical
4	5873.720	43.19	34.05	5.76	-29.60	53.40	68.20	14.80	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5690MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

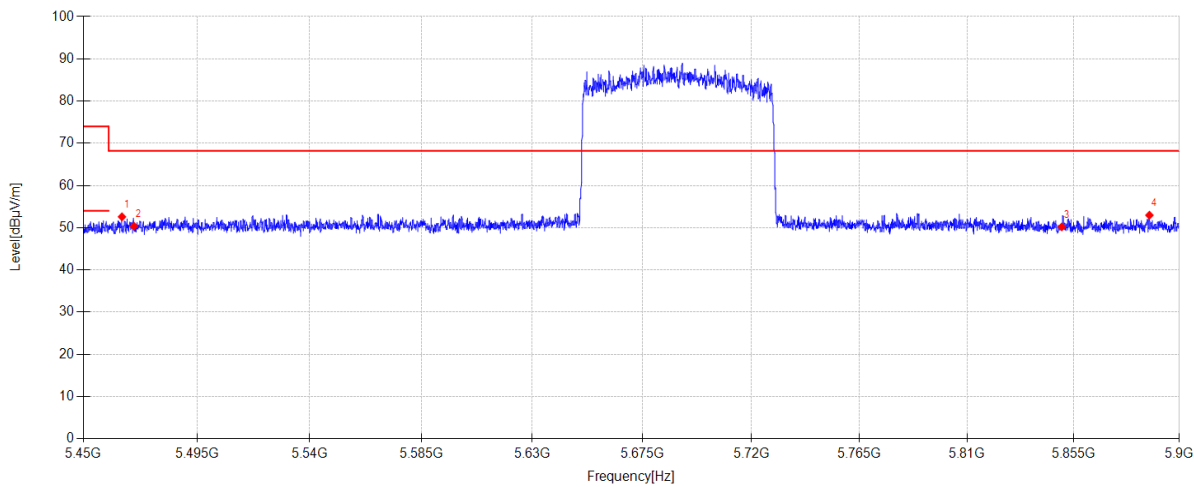
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Memo:

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	5465.255	43.69	33.00	5.49	-29.60	52.58	68.20	15.62	PK	Horizontal
2	5470.000	41.48	33.00	5.49	-29.60	50.37	68.20	17.83	PK	Horizontal
3	5850.000	40.05	34.00	5.74	-29.60	50.19	68.20	18.01	PK	Horizontal
4	5887.220	42.72	34.07	5.77	-29.60	52.96	68.20	15.24	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:

11AX80 MIMO 5690MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

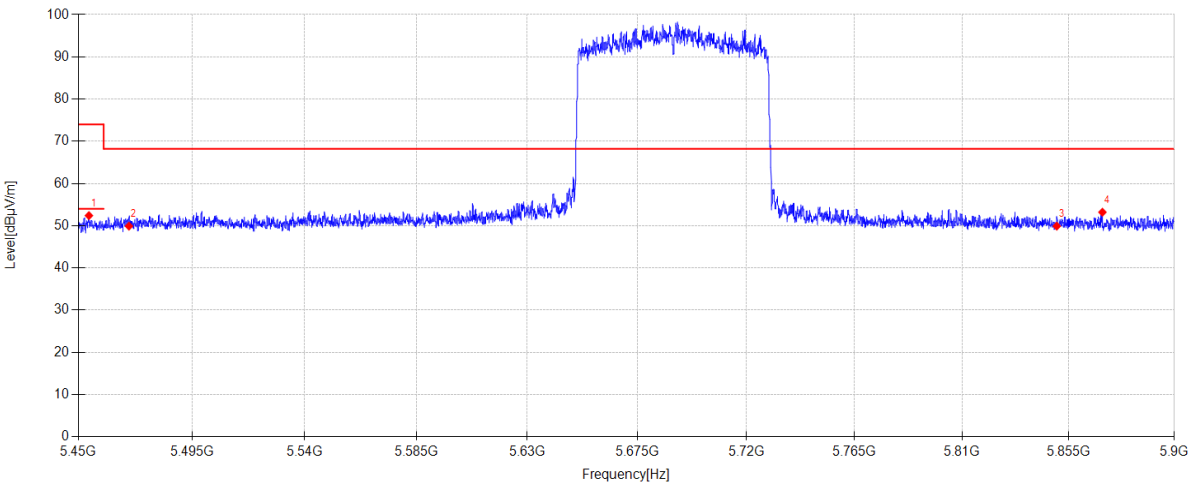
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Memo:

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	5454.185	43.52	33.00	5.48	-29.60	52.40	74.00	21.60	PK	Vertical
2	5470.000	41.01	33.00	5.49	-29.60	49.90	68.20	18.30	PK	Vertical
3	5850.000	39.76	34.00	5.74	-29.60	49.90	68.20	18.30	PK	Vertical
4	5869.355	43.01	34.04	5.75	-29.60	53.20	68.20	15.00	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5710MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

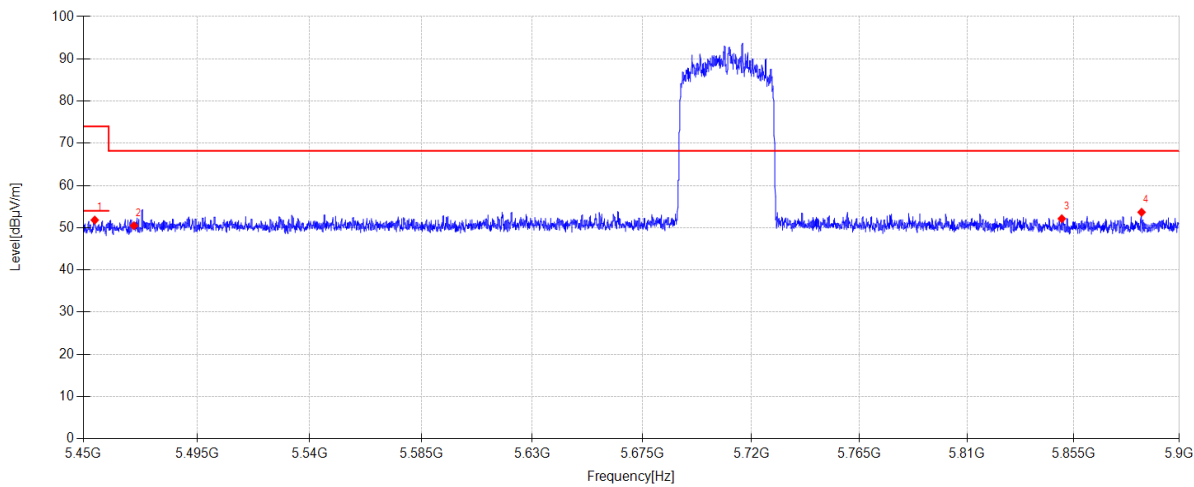
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Memo:

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	5454.500	42.94	33.00	5.48	-29.60	51.82	74.00	22.18	PK	Horizontal
2	5470.000	41.60	33.00	5.49	-29.60	50.49	68.20	17.71	PK	Horizontal
3	5850.000	42.00	34.00	5.74	-29.60	52.14	68.20	16.06	PK	Horizontal
4	5883.890	43.44	34.07	5.76	-29.60	53.67	68.20	14.53	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:

11AX40 MIMO 5710MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

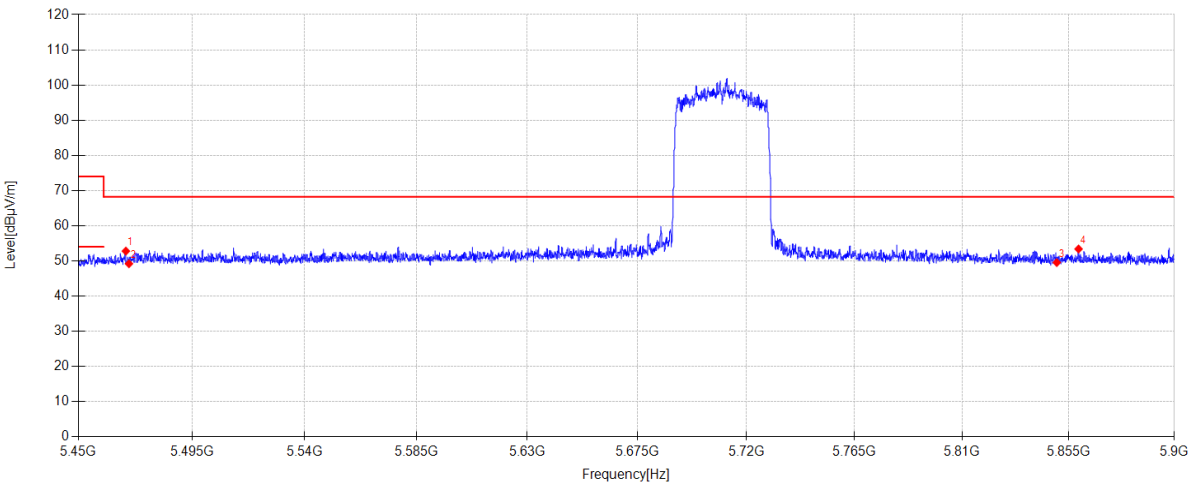
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Memo:

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	5468.765	43.90	33.00	5.49	-29.60	52.79	68.20	15.41	PK	Vertical
2	5470.000	40.31	33.00	5.49	-29.60	49.20	68.20	19.00	PK	Vertical
3	5850.000	39.39	34.00	5.74	-29.60	49.53	68.20	18.67	PK	Vertical
4	5859.230	43.21	34.02	5.75	-29.60	53.38	68.20	14.82	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

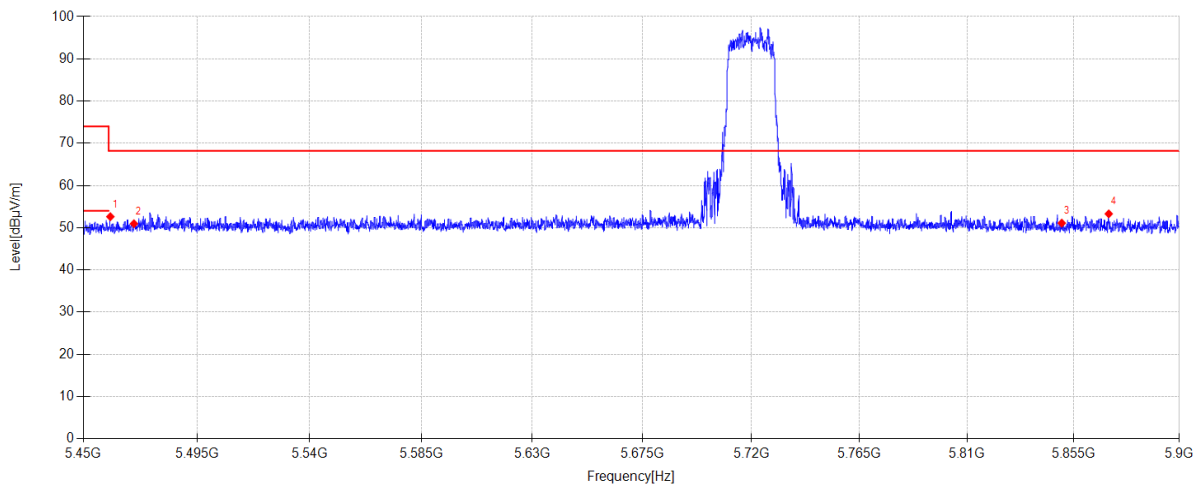
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Memo:

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	5460.665	43.73	33.00	5.48	-29.60	52.61	68.20	15.59	PK	Horizontal
2	5470.000	42.06	33.00	5.49	-29.60	50.95	68.20	17.25	PK	Horizontal
3	5850.000	40.95	34.00	5.74	-29.60	51.09	68.20	17.11	PK	Horizontal
4	5869.940	43.10	34.04	5.75	-29.60	53.29	68.20	14.91	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 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

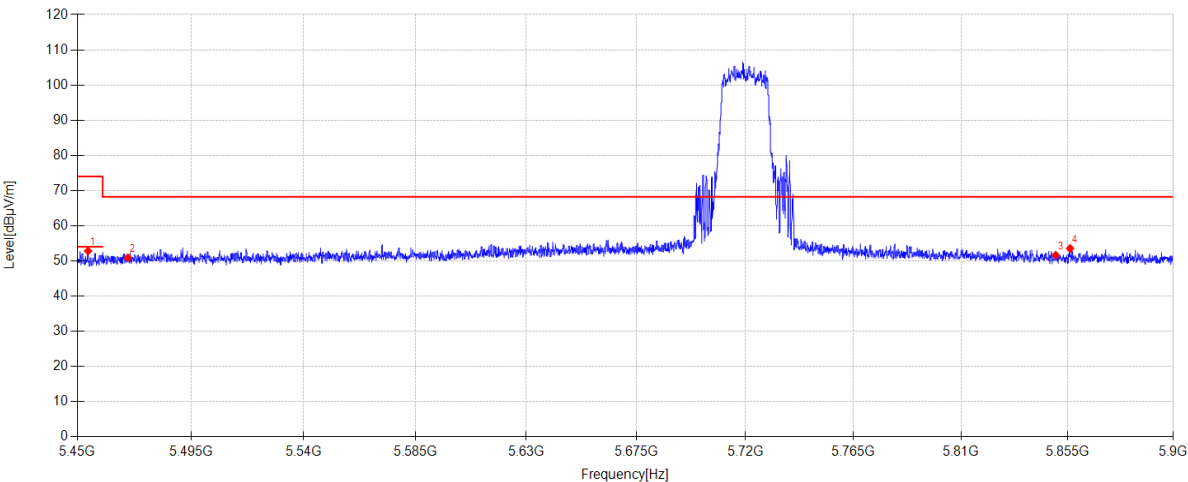
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Memo:

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	5454.230	43.93	33.00	5.48	-29.60	52.81	74.00	21.19	PK	Vertical
2	5470.000	42.00	33.00	5.49	-29.60	50.89	68.20	17.31	PK	Vertical
3	5850.000	41.47	34.00	5.74	-29.60	51.61	68.20	16.59	PK	Vertical
4	5856.080	43.39	34.01	5.75	-29.60	53.55	68.20	14.65	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

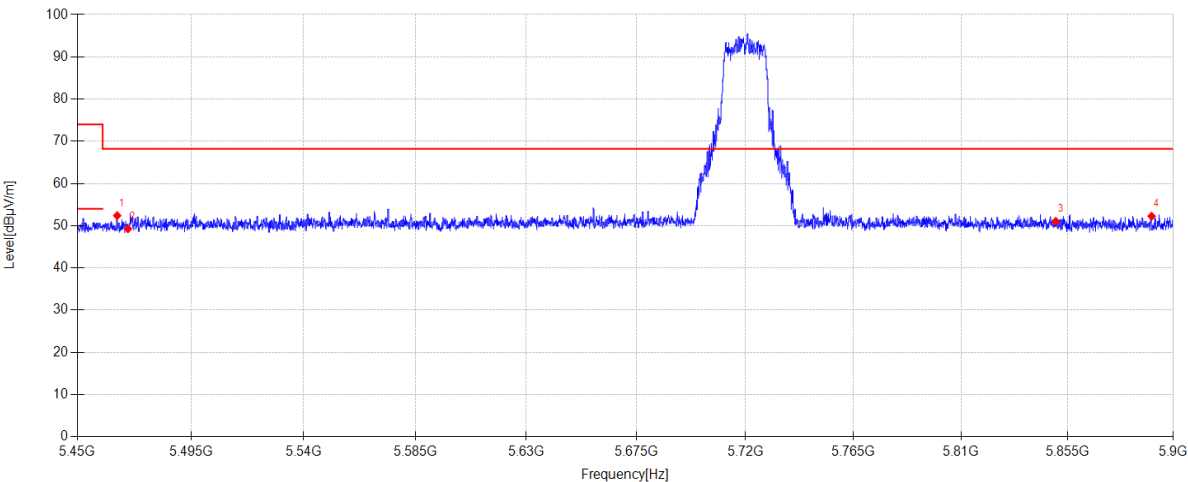
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Memo:

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	5465.750	43.51	33.00	5.49	-29.60	52.40	68.20	15.80	PK	Horizontal
2	5470.000	40.37	33.00	5.49	-29.60	49.26	68.20	18.94	PK	Horizontal
3	5850.000	40.92	34.00	5.74	-29.60	51.06	68.20	17.14	PK	Horizontal
4	5890.730	42.01	34.08	5.77	-29.60	52.26	68.20	15.94	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:

11AC20 MIMO 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

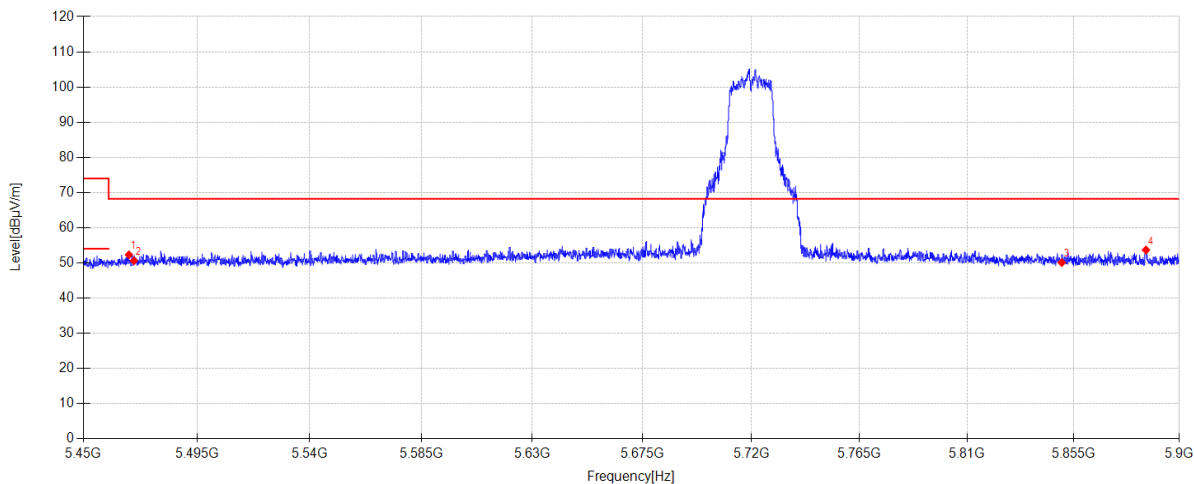
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Memo:

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	5468.000	43.43	33.00	5.49	-29.60	52.32	68.20	15.88	PK	Vertical
2	5470.000	41.72	33.00	5.49	-29.60	50.61	68.20	17.59	PK	Vertical
3	5850.000	39.94	34.00	5.74	-29.60	50.08	68.20	18.12	PK	Vertical
4	5885.780	43.44	34.07	5.76	-29.60	53.67	68.20	14.53	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:

11AC40 MIMO 5710MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

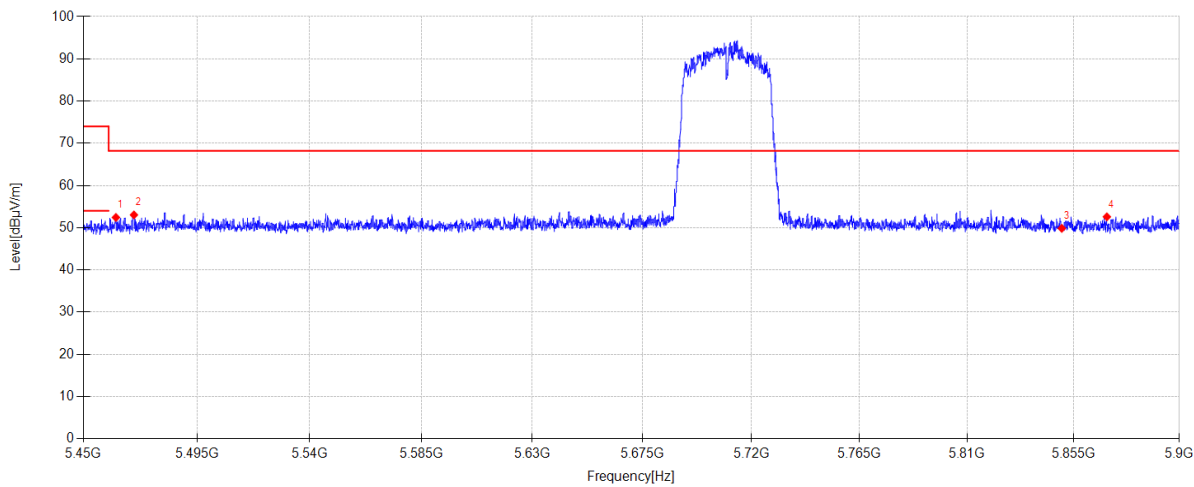
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Memo:

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	5462.870	43.55	33.00	5.49	-29.60	52.44	68.20	15.76	PK	Horizontal
2	5470.000	44.15	33.00	5.49	-29.60	53.04	68.20	15.16	PK	Horizontal
3	5850.000	39.71	34.00	5.74	-29.60	49.85	68.20	18.35	PK	Horizontal
4	5869.130	42.39	34.04	5.75	-29.60	52.58	68.20	15.62	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5710MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

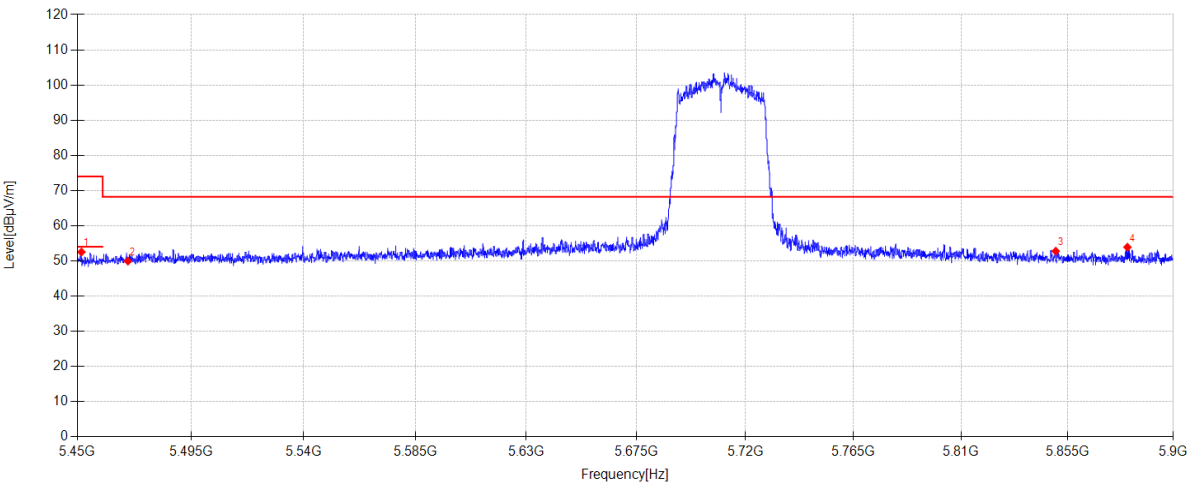
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Memo:

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	5451.620	43.64	33.00	5.48	-29.60	52.52	74.00	21.48	PK	Vertical
2	5470.000	41.05	33.00	5.49	-29.60	49.94	68.20	18.26	PK	Vertical
3	5850.000	42.64	34.00	5.74	-29.60	52.78	68.20	15.42	PK	Vertical
4	5880.425	43.67	34.06	5.76	-29.60	53.89	68.20	14.31	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:

11N20 MIMO 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

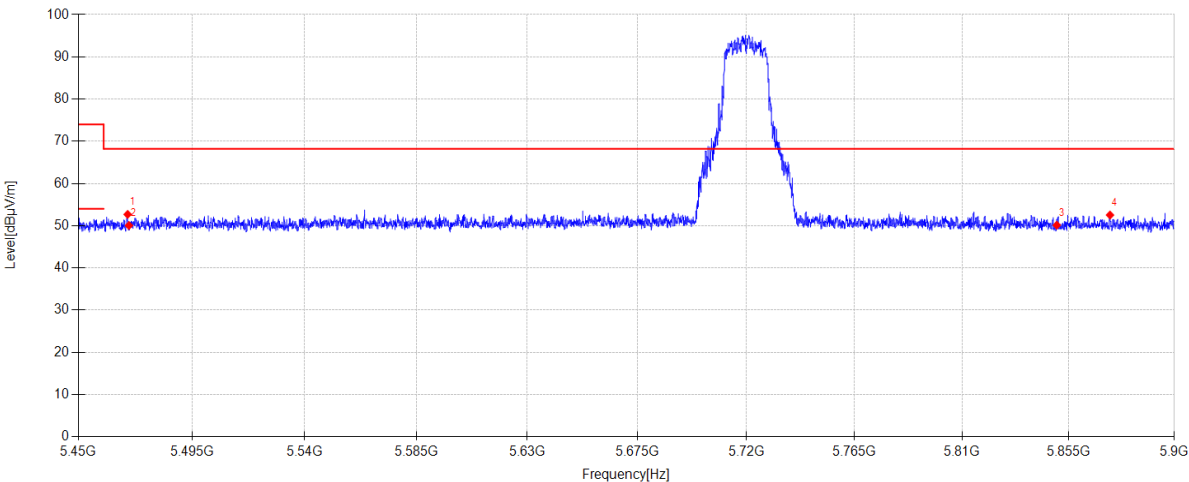
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G KUAYUE13

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	5469.485	43.80	33.00	5.49	-29.60	52.69	68.20	15.51	PK	Horizontal
2	5470.000	41.16	33.00	5.49	-29.60	50.05	68.20	18.15	PK	Horizontal
3	5850.000	39.99	34.00	5.74	-29.60	50.13	68.20	18.07	PK	Horizontal
4	5872.595	42.32	34.05	5.76	-29.60	52.53	68.20	15.67	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:

11N20 MIMO 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

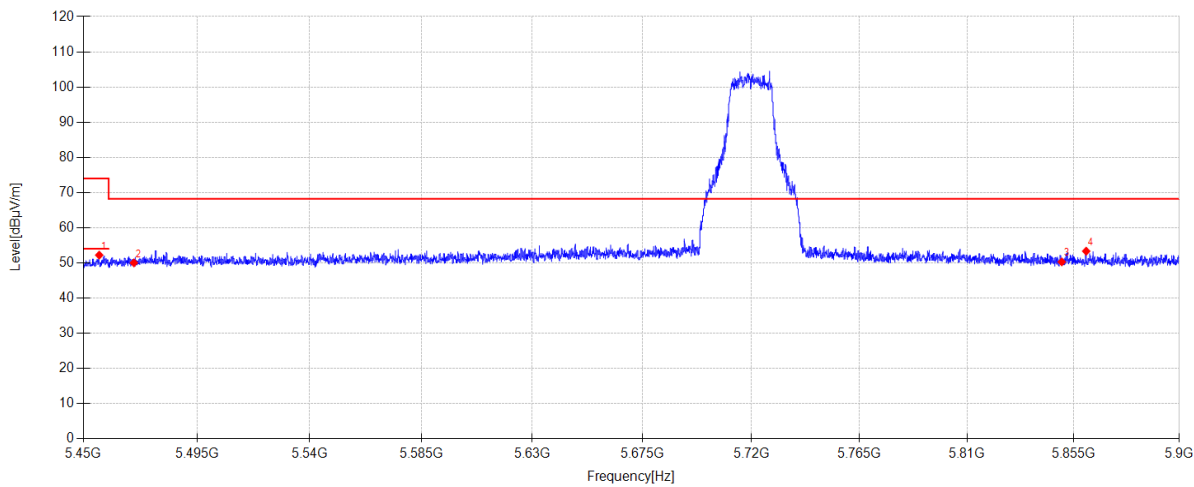
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G KUAYUE14

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	5456.255	43.33	33.00	5.48	-29.60	52.21	74.00	21.79	PK	Vertical
2	5470.000	41.13	33.00	5.49	-29.60	50.02	68.20	18.18	PK	Vertical
3	5850.000	40.16	34.00	5.74	-29.60	50.30	68.20	17.90	PK	Vertical
4	5860.355	43.17	34.02	5.75	-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 800MK2

Test Mode:

11N40 MIMO 5710MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

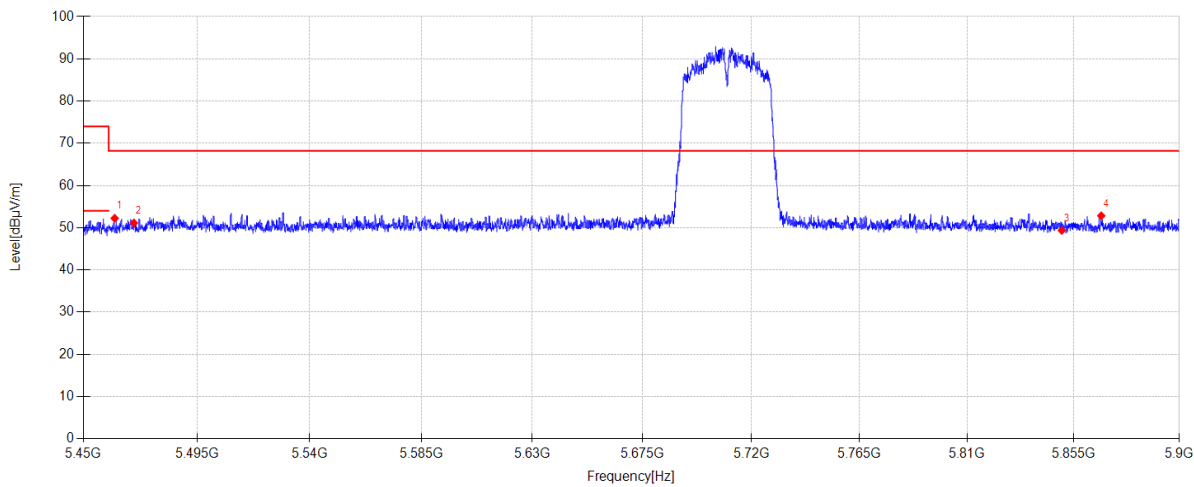
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G KUAYUE15

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	5462.375	43.35	33.00	5.49	-29.60	52.24	68.20	15.96	PK	Horizontal
2	5470.000	42.24	33.00	5.49	-29.60	51.13	68.20	17.07	PK	Horizontal
3	5850.000	39.21	34.00	5.74	-29.60	49.35	68.20	18.85	PK	Horizontal
4	5866.745	42.65	34.03	5.75	-29.60	52.83	68.20	15.37	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:

11N40 MIMO 5710MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

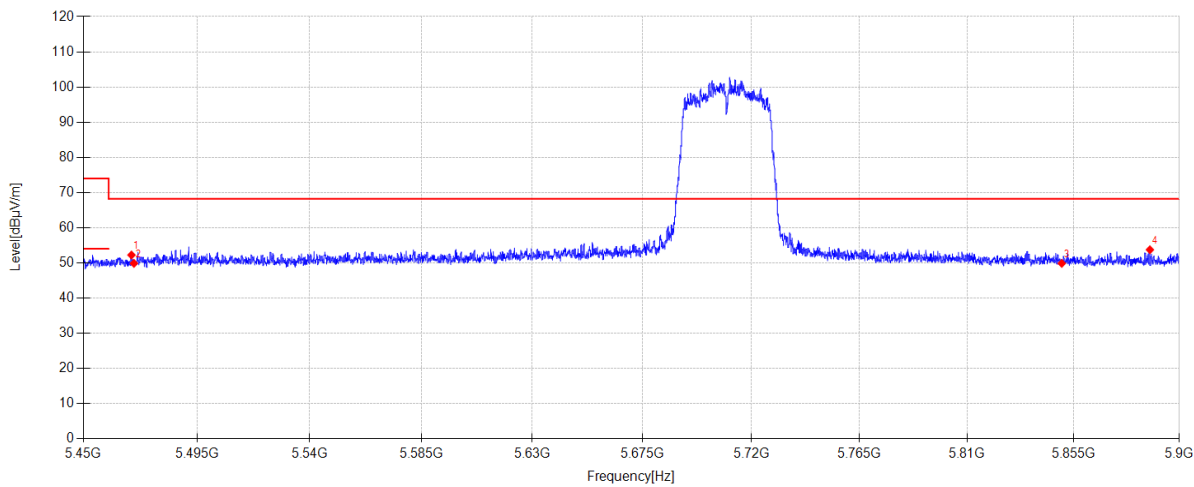
File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G KUAYUE16

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	5469.035	43.35	33.00	5.49	-29.60	52.24	68.20	15.96	PK	Vertical
2	5470.000	40.98	33.00	5.49	-29.60	49.87	68.20	18.33	PK	Vertical
3	5850.000	39.72	34.00	5.74	-29.60	49.86	68.20	18.34	PK	Vertical
4	5887.445	43.50	34.07	5.77	-29.60	53.74	68.20	14.46	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT2 11A 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

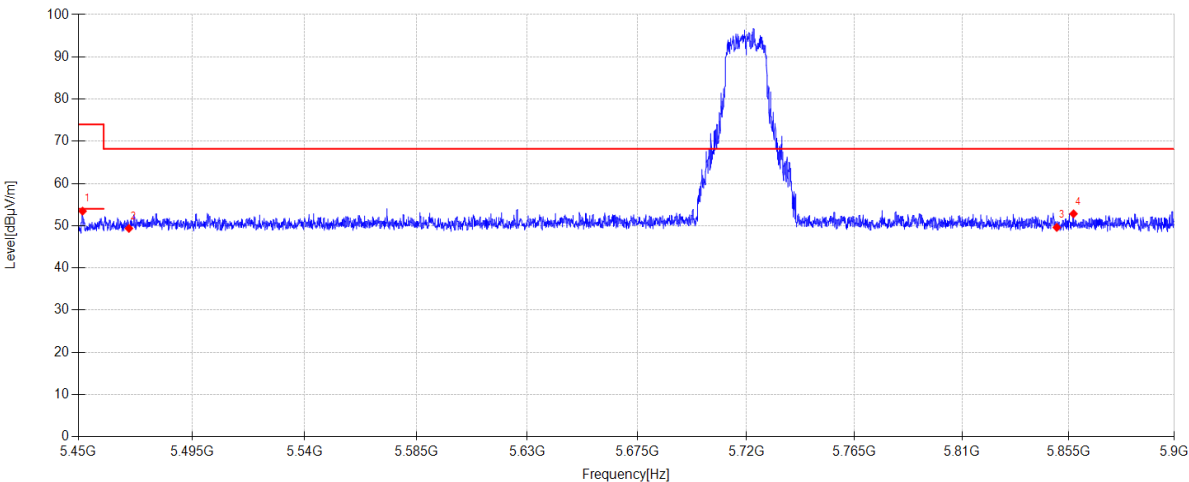
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Memo:

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	5451.665	44.57	33.00	5.48	-29.60	53.45	74.00	20.55	PK	Horizontal
2	5470.000	40.48	33.00	5.49	-29.60	49.37	68.20	18.83	PK	Horizontal
3	5850.000	39.46	34.00	5.74	-29.60	49.60	68.20	18.60	PK	Horizontal
4	5857.115	42.67	34.01	5.75	-29.60	52.83	68.20	15.37	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:

ANT2 11A 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

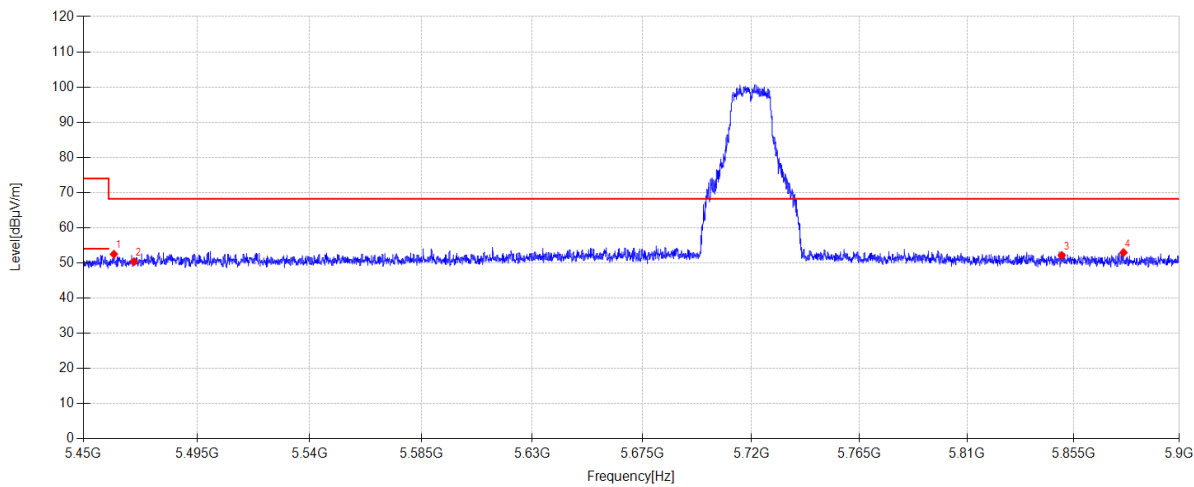
File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G KUAYUE18

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	5462.060	43.60	33.00	5.48	-29.60	52.48	68.20	15.72	PK	Vertical
2	5470.000	41.47	33.00	5.49	-29.60	50.36	68.20	17.84	PK	Vertical
3	5850.000	42.01	34.00	5.74	-29.60	52.15	68.20	16.05	PK	Vertical
4	5876.195	42.73	34.05	5.76	-29.60	52.94	68.20	15.26	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT1 11A 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

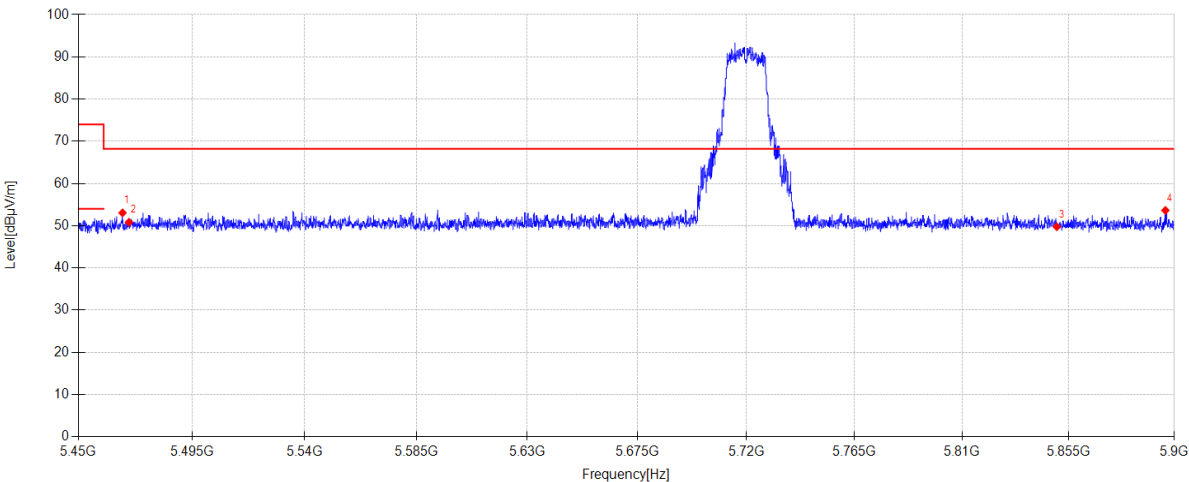
File Path:

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Memo:

Power Setting: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	5467.460	44.16	33.00	5.49	-29.60	53.05	68.20	15.15	PK	Horizontal
2	5470.000	41.94	33.00	5.49	-29.60	50.83	68.20	17.37	PK	Horizontal
3	5850.000	39.62	34.00	5.74	-29.60	49.76	68.20	18.44	PK	Horizontal
4	5896.175	43.37	34.09	5.77	-29.60	53.63	68.20	14.57	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT1 11A 5720MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

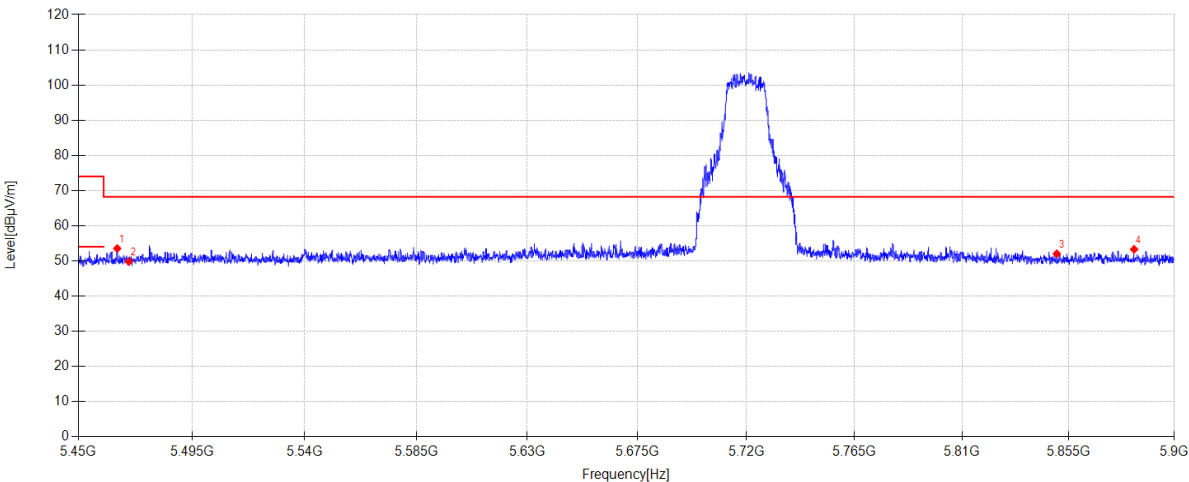
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Memo:

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	5465.345	44.64	33.00	5.49	-29.60	53.53	68.20	14.67	PK	Vertical
2	5470.000	40.94	33.00	5.49	-29.60	49.83	68.20	18.37	PK	Vertical
3	5850.000	41.89	34.00	5.74	-29.60	52.03	68.20	16.17	PK	Vertical
4	5882.855	43.06	34.07	5.76	-29.60	53.29	68.20	14.91	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT1 11A 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

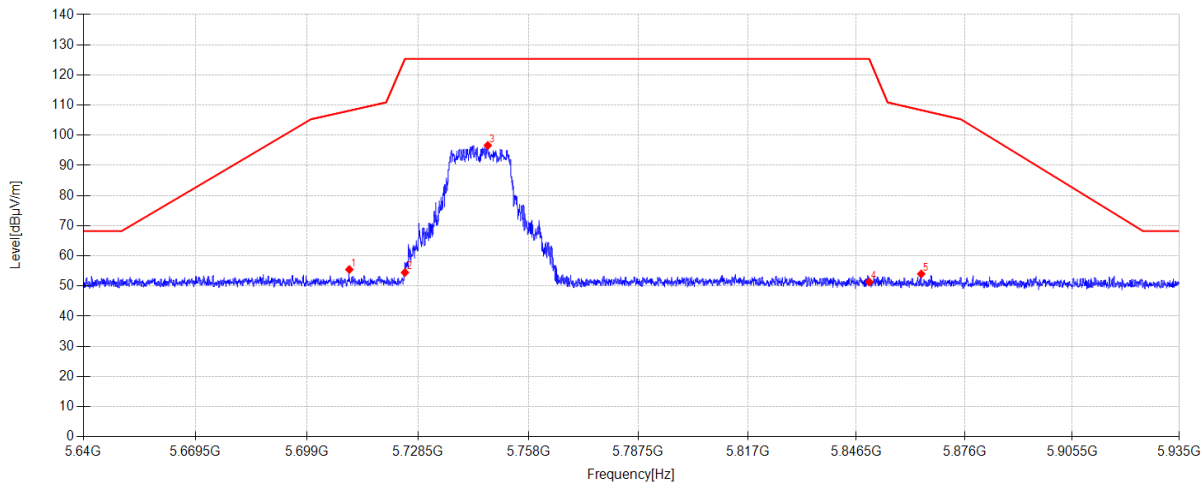
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Memo:

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	5710.210	45.77	33.66	5.65	-29.60	55.48	108.16	52.68	PK	Horizontal
2	5725.000	44.67	33.75	5.66	-29.60	54.48	125.30	70.82	PK	Horizontal
3	5747.115	86.68	33.88	5.67	-29.60	96.63	125.30	28.67	PK	Horizontal
4	5850.000	41.21	34.00	5.74	-29.60	51.35	125.30	73.95	PK	Horizontal
5	5864.171	43.84	34.03	5.75	-29.60	54.02	108.33	54.31	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT1 11A 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

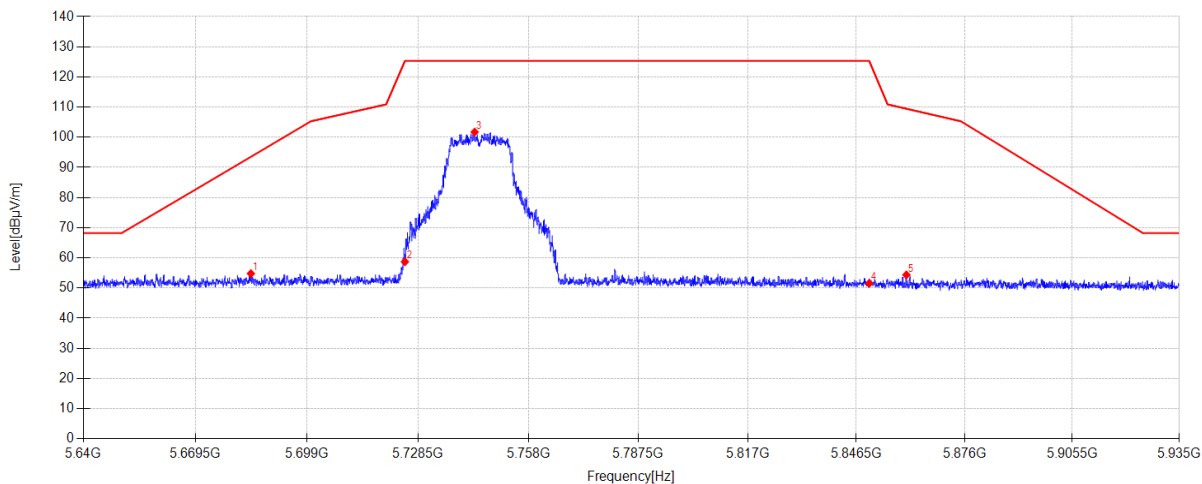
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Memo:

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	5684.132	45.22	33.54	5.63	-29.60	54.79	93.53	38.74	PK	Vertical
2	5725.000	48.90	33.75	5.66	-29.60	58.71	125.30	66.59	PK	Vertical
3	5743.604	91.81	33.86	5.67	-29.60	101.74	125.30	23.56	PK	Vertical
4	5850.000	41.42	34.00	5.74	-29.60	51.56	125.30	73.74	PK	Vertical
5	5860.129	44.19	34.02	5.75	-29.60	54.36	109.46	55.10	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT1 11A 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

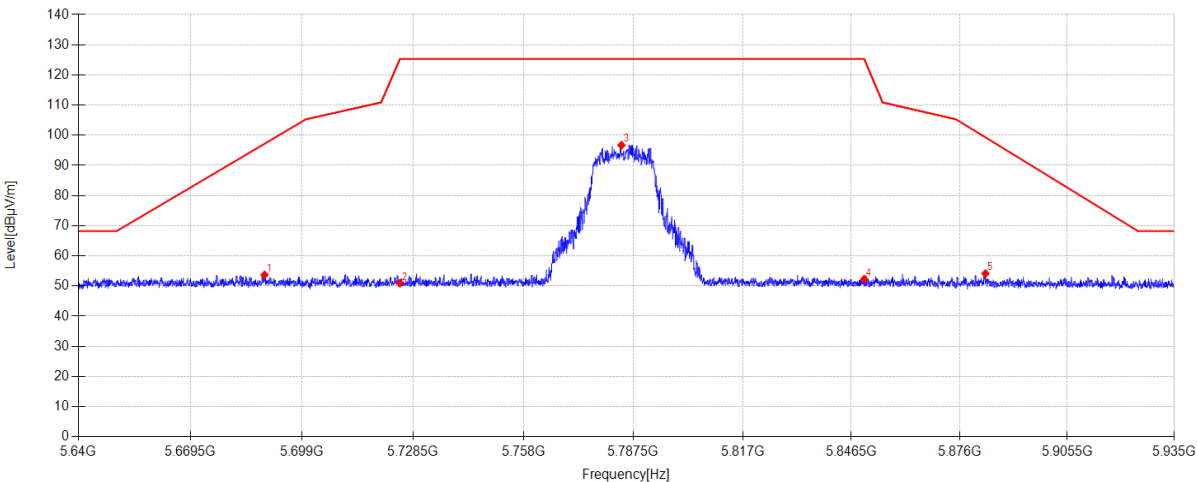
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Memo:

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	5689.059	44.11	33.56	5.63	-29.60	53.70	97.18	43.48	PK	Horizontal
2	5725.000	41.13	33.75	5.66	-29.60	50.94	125.30	74.36	PK	Horizontal
3	5784.314	86.50	34.11	5.70	-29.60	96.71	125.30	28.59	PK	Horizontal
4	5850.000	42.13	34.00	5.74	-29.60	52.27	125.30	73.03	PK	Horizontal
5	5883.080	43.92	34.07	5.76	-29.60	54.15	99.30	45.15	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT1 11A 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

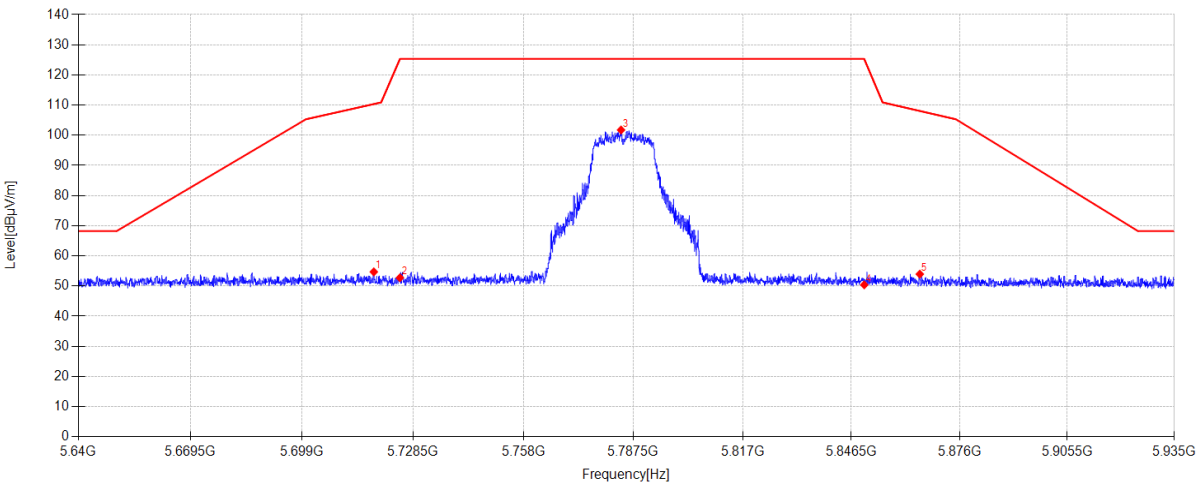
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Memo:

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	5718.057	44.93	33.71	5.65	-29.60	54.69	110.36	55.67	PK	Vertical
2	5725.000	42.92	33.75	5.66	-29.60	52.73	125.30	72.57	PK	Vertical
3	5784.196	91.55	34.11	5.70	-29.60	101.76	125.30	23.54	PK	Vertical
4	5850.000	40.25	34.00	5.74	-29.60	50.39	125.30	74.91	PK	Vertical
5	5865.144	43.77	34.03	5.75	-29.60	53.95	108.06	54.11	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT1 11A 5825MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

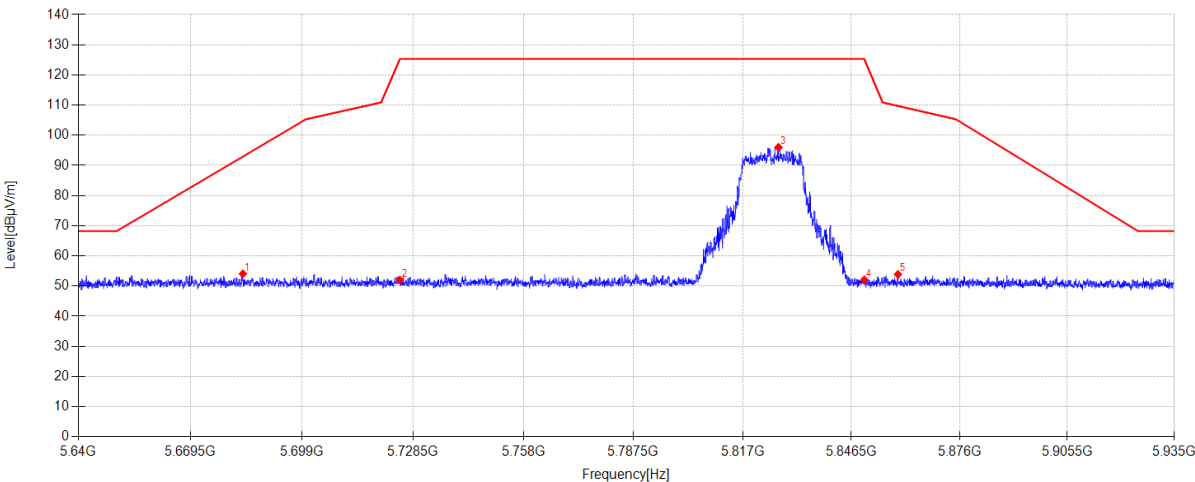
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Memo:

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	5683.336	44.49	33.53	5.63	-29.60	54.05	92.93	38.88	PK	Horizontal
2	5725.000	42.17	33.75	5.66	-29.60	51.98	125.30	73.32	PK	Horizontal
3	5826.706	85.77	34.09	5.73	-29.60	95.99	125.30	29.31	PK	Horizontal
4	5850.000	41.90	34.00	5.74	-29.60	52.04	125.30	73.26	PK	Horizontal
5	5859.185	43.69	34.02	5.75	-29.60	53.86	109.73	55.87	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:

ANT1 11A 5825MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

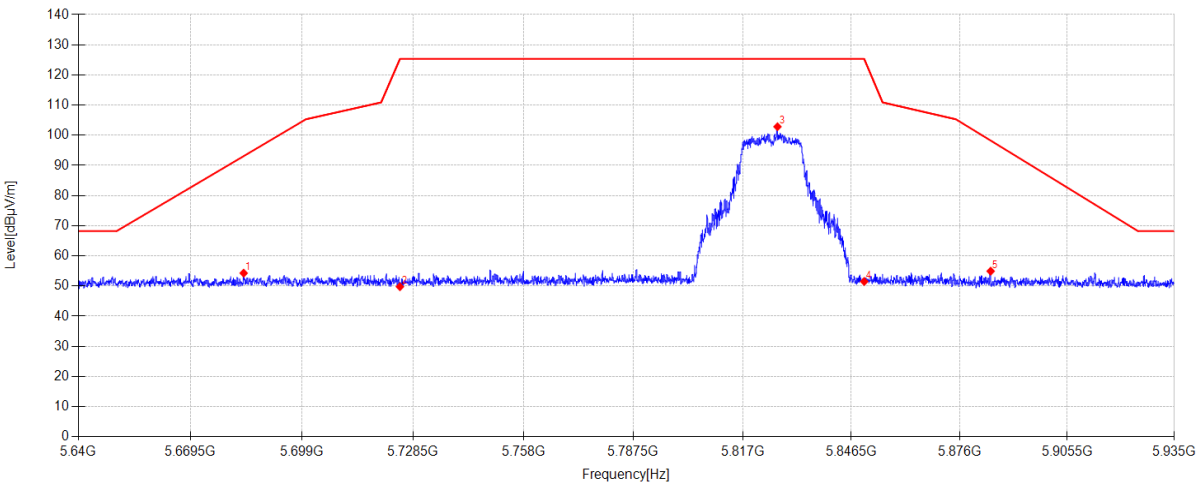
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\6

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	5683.542	44.72	33.53	5.63	-29.60	54.28	93.09	38.81	PK	Vertical
2	5725.000	39.96	33.75	5.66	-29.60	49.77	125.30	75.53	PK	Vertical
3	5826.440	92.61	34.09	5.73	-29.60	102.83	125.30	22.47	PK	Vertical
4	5850.000	41.38	34.00	5.74	-29.60	51.52	125.30	73.78	PK	Vertical
5	5884.496	44.70	34.07	5.76	-29.60	54.93	98.25	43.32	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT2 11A 5825MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

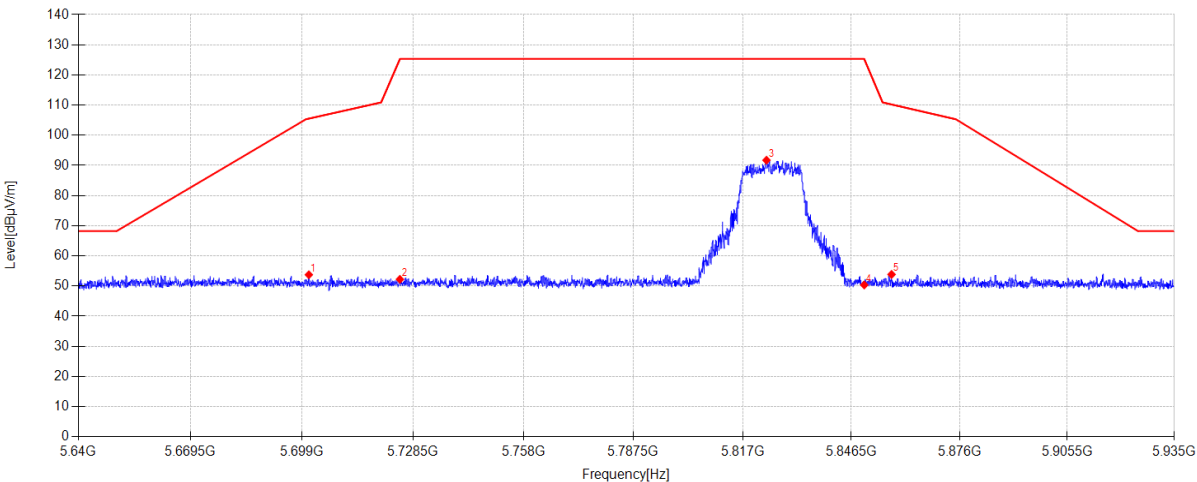
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\7

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	5700.800	44.10	33.60	5.64	-29.60	53.74	105.52	51.78	PK	Horizontal
2	5725.000	42.41	33.75	5.66	-29.60	52.22	125.30	73.08	PK	Horizontal
3	5823.461	81.50	34.11	5.72	-29.60	91.73	125.30	33.57	PK	Horizontal
4	5850.000	40.21	34.00	5.74	-29.60	50.35	125.30	74.95	PK	Horizontal
5	5857.445	43.69	34.01	5.75	-29.60	53.85	110.22	56.37	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:

ANT2 11A 5825MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

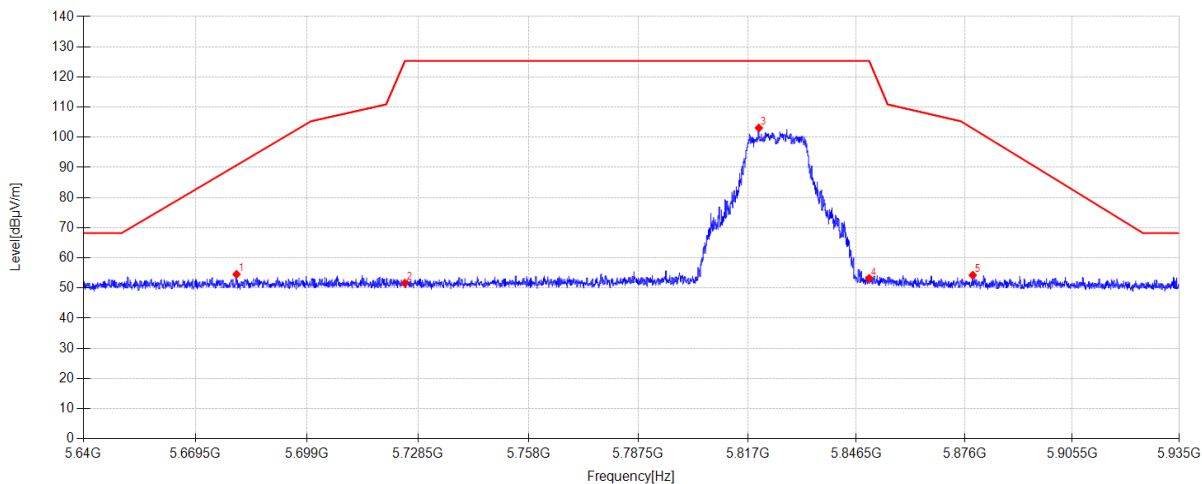
File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\8

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	5680.327	44.99	33.52	5.63	-29.60	54.54	90.70	36.16	PK	Vertical
2	5725.000	41.83	33.75	5.66	-29.60	51.64	125.30	73.66	PK	Vertical
3	5820.039	92.85	34.12	5.72	-29.60	103.09	125.30	22.21	PK	Vertical
4	5850.000	43.07	34.00	5.74	-29.60	53.21	125.30	72.09	PK	Vertical
5	5878.242	44.03	34.06	5.76	-29.60	54.25	102.89	48.64	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:

ANT2 11A 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

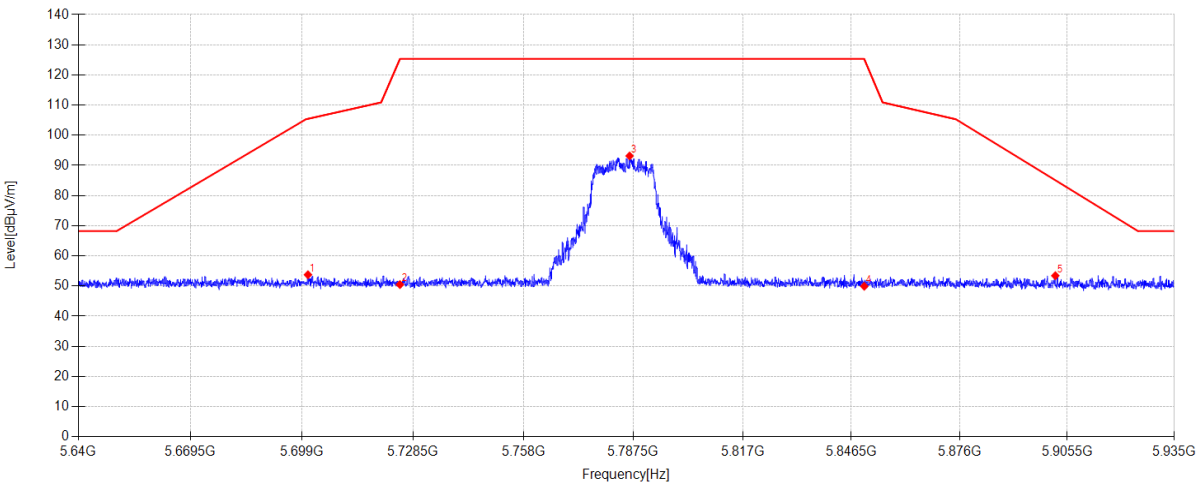
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\9

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	5700.564	44.10	33.60	5.64	-29.60	53.74	105.46	51.72	PK	Horizontal
2	5725.000	40.68	33.75	5.66	-29.60	50.49	125.30	74.81	PK	Horizontal
3	5786.497	82.92	34.12	5.70	-29.60	93.14	125.30	32.16	PK	Horizontal
4	5850.000	39.79	34.00	5.74	-29.60	49.93	125.30	75.37	PK	Horizontal
5	5902.226	43.15	34.10	5.78	-29.60	53.43	85.10	31.67	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:

ANT2 11A 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

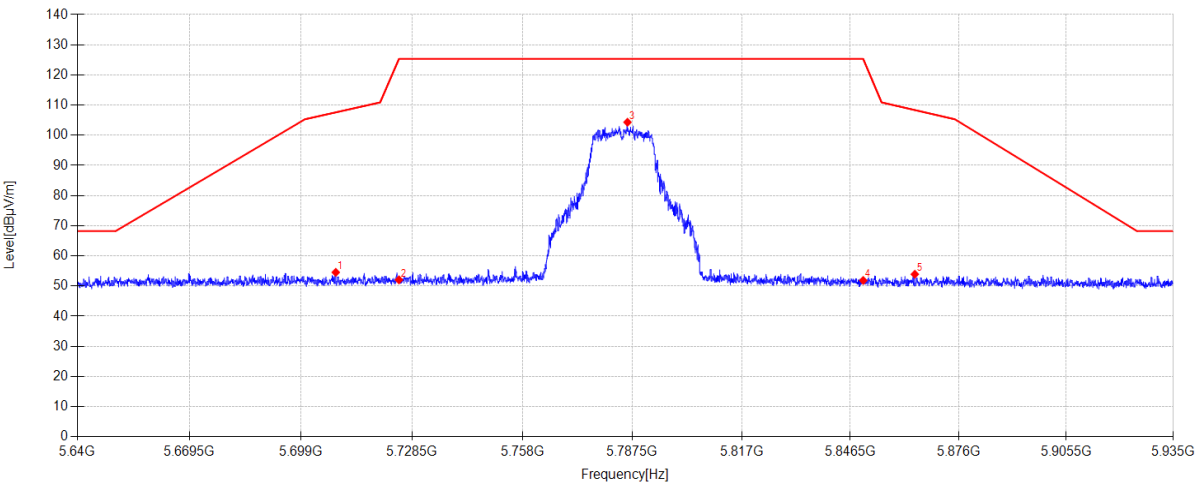
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Memo:

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	5708.204	44.83	33.65	5.65	-29.60	54.53	107.60	53.07	PK	Vertical
2	5725.000	42.24	33.75	5.66	-29.60	52.05	125.30	73.25	PK	Vertical
3	5786.202	94.10	34.12	5.70	-29.60	104.32	125.30	20.98	PK	Vertical
4	5850.000	41.71	34.00	5.74	-29.60	51.85	125.30	73.45	PK	Vertical
5	5864.053	43.73	34.03	5.75	-29.60	53.91	108.37	54.46	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

ANT2 11A 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

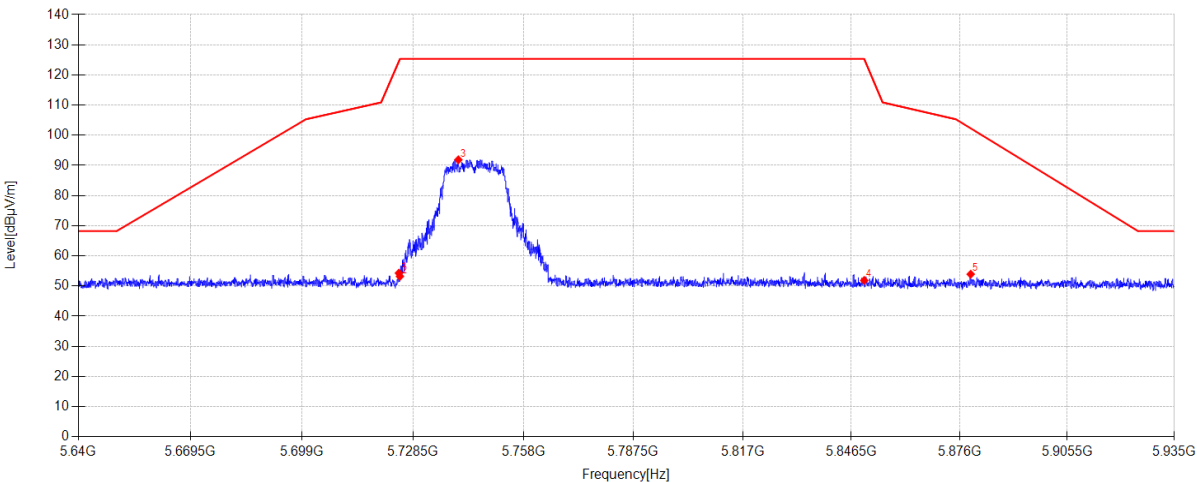
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Memo:

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	5724.724	44.49	33.75	5.66	-29.60	54.30	124.51	70.21	PK	Horizontal
2	5725.000	43.39	33.75	5.66	-29.60	53.20	125.30	72.10	PK	Horizontal
3	5740.595	81.96	33.84	5.67	-29.60	91.87	125.30	33.43	PK	Horizontal
4	5850.000	41.73	34.00	5.74	-29.60	51.87	125.30	73.43	PK	Horizontal
5	5879.039	43.71	34.06	5.76	-29.60	53.93	102.30	48.37	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:

ANT2 11A 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

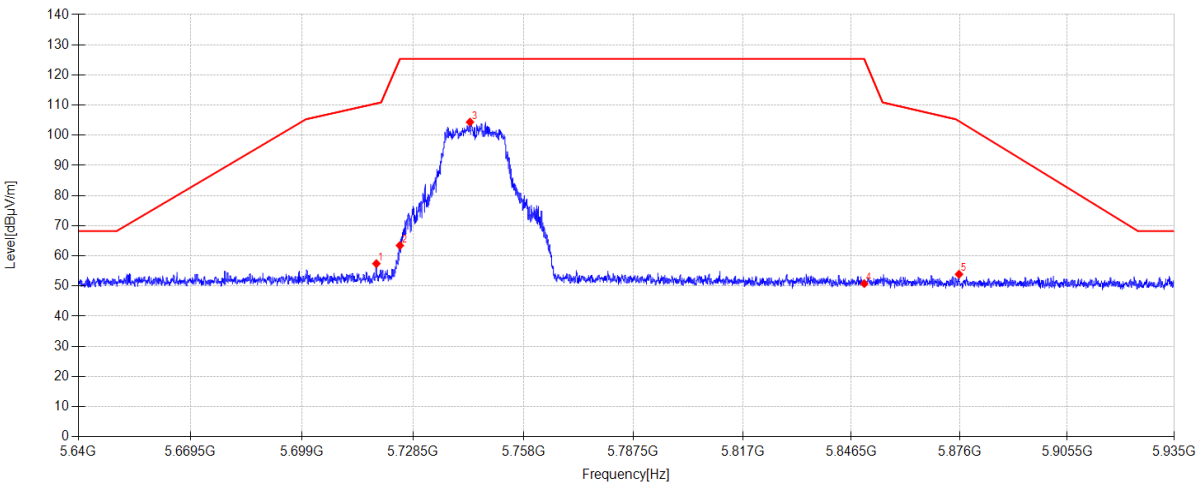
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Memo:

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	5718.736	47.67	33.71	5.65	-29.60	57.43	110.55	53.12	PK	Vertical
2	5725.000	53.63	33.75	5.66	-29.60	63.44	125.30	61.86	PK	Vertical
3	5743.693	94.45	33.86	5.67	-29.60	104.38	125.30	20.92	PK	Vertical
4	5850.000	40.68	34.00	5.74	-29.60	50.82	125.30	74.48	PK	Vertical
5	5875.853	43.69	34.05	5.76	-29.60	53.90	104.67	50.77	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N20 MIMO 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

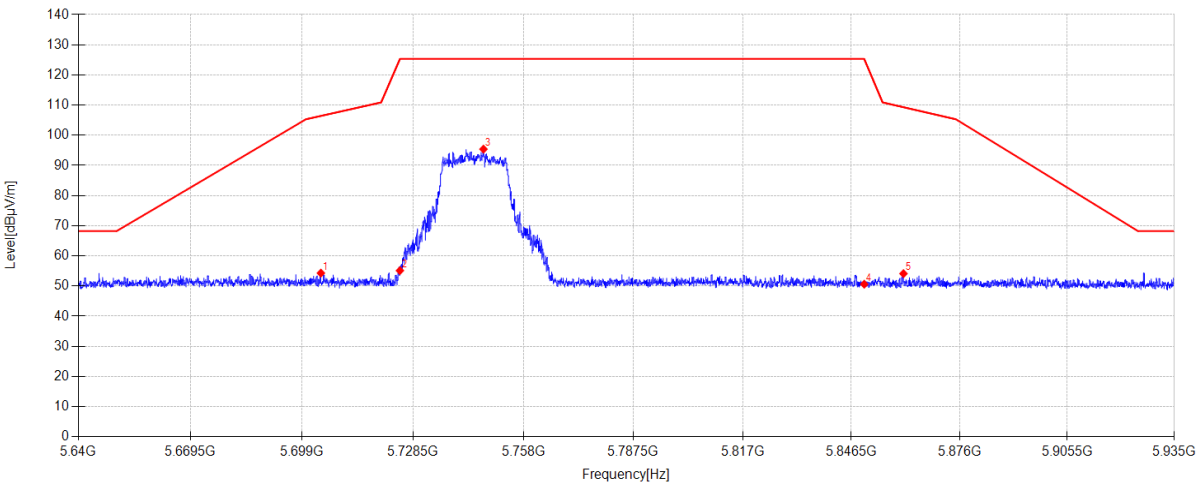
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Memo:

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	5703.986	44.63	33.62	5.64	-29.60	54.29	106.42	52.13	PK	Horizontal
2	5725.000	45.31	33.75	5.66	-29.60	55.12	125.30	70.18	PK	Horizontal
3	5747.292	85.44	33.88	5.67	-29.60	95.39	125.30	29.91	PK	Horizontal
4	5850.000	40.46	34.00	5.74	-29.60	50.60	125.30	74.70	PK	Horizontal
5	5860.690	43.95	34.02	5.75	-29.60	54.12	109.31	55.19	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:

11N20 MIMO 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

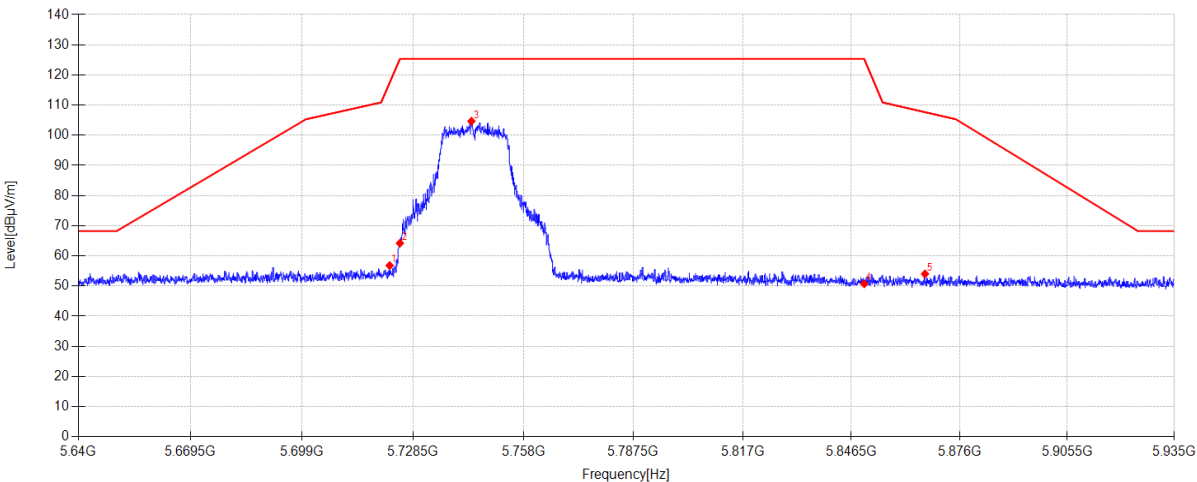
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Memo:

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	5722.276	47.00	33.73	5.66	-29.60	56.79	117.45	60.66	PK	Vertical
2	5725.000	54.39	33.75	5.66	-29.60	64.20	125.30	61.10	PK	Vertical
3	5744.076	94.73	33.86	5.67	-29.60	104.66	125.30	20.64	PK	Vertical
4	5850.000	40.60	34.00	5.74	-29.60	50.74	125.30	74.56	PK	Vertical
5	5866.560	43.84	34.03	5.75	-29.60	54.02	107.66	53.64	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:

11N20 MIMO 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

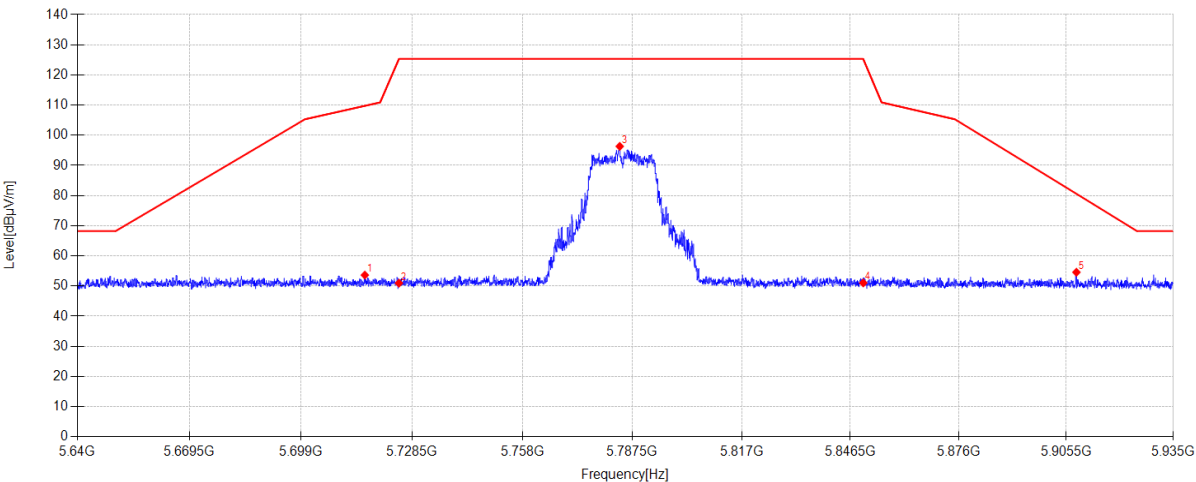
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Memo:

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	5715.933	43.89	33.70	5.65	-29.60	53.64	109.76	56.12	PK	Horizontal
2	5725.000	41.14	33.75	5.66	-29.60	50.95	125.30	74.35	PK	Horizontal
3	5784.108	86.12	34.10	5.70	-29.60	96.32	125.30	28.98	PK	Horizontal
4	5850.000	40.90	34.00	5.74	-29.60	51.04	125.30	74.26	PK	Horizontal
5	5908.303	44.27	34.12	5.78	-29.60	54.57	80.59	26.02	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N20 MIMO 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

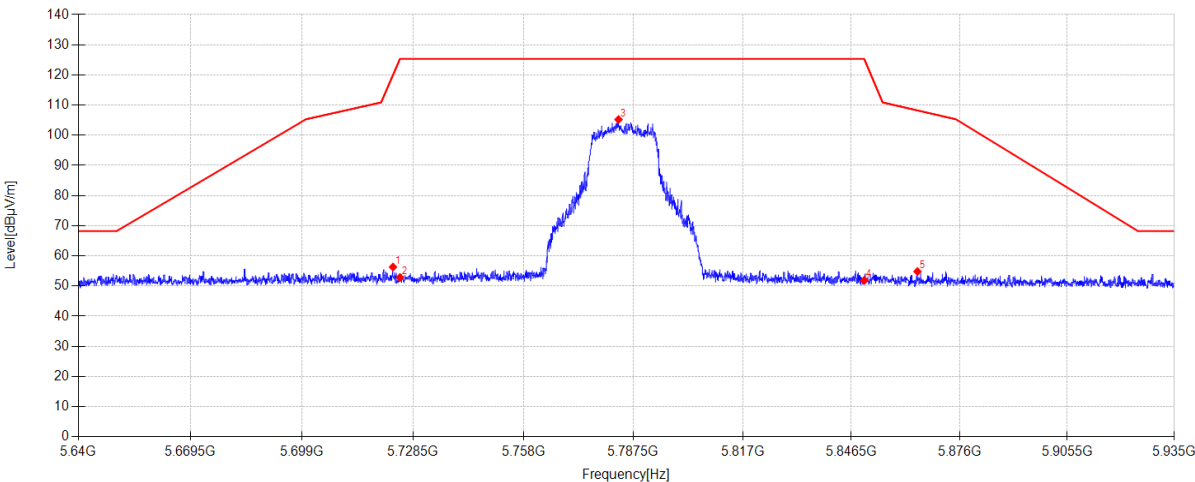
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Memo:

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	5723.161	46.50	33.74	5.66	-29.60	56.30	120.00	63.70	PK	Vertical
2	5725.000	43.01	33.75	5.66	-29.60	52.82	125.30	72.48	PK	Vertical
3	5783.518	95.01	34.10	5.70	-29.60	105.21	125.30	20.09	PK	Vertical
4	5850.000	41.70	34.00	5.74	-29.60	51.84	125.30	73.46	PK	Vertical
5	5864.495	44.64	34.03	5.75	-29.60	54.82	108.24	53.42	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N20 MIMO 5825MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

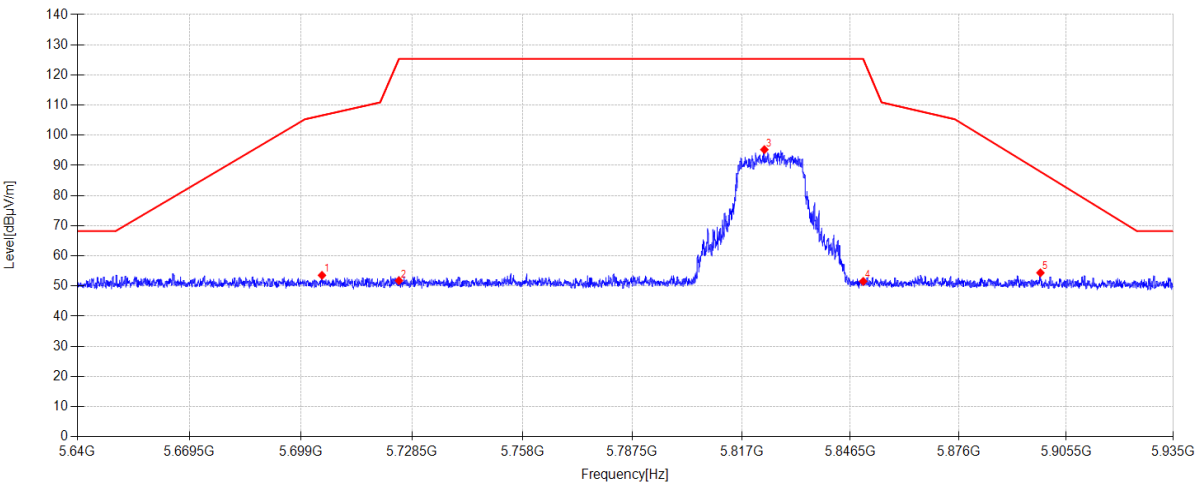
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Memo:

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	5704.546	43.87	33.63	5.65	-29.60	53.55	106.57	53.02	PK	Horizontal
2	5725.000	41.96	33.75	5.66	-29.60	51.77	125.30	73.53	PK	Horizontal
3	5823.166	85.01	34.11	5.72	-29.60	95.24	125.30	30.06	PK	Horizontal
4	5850.000	41.40	34.00	5.74	-29.60	51.54	125.30	73.76	PK	Horizontal
5	5898.420	44.11	34.10	5.77	-29.60	54.38	87.92	33.54	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N20 MIMO 5825MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

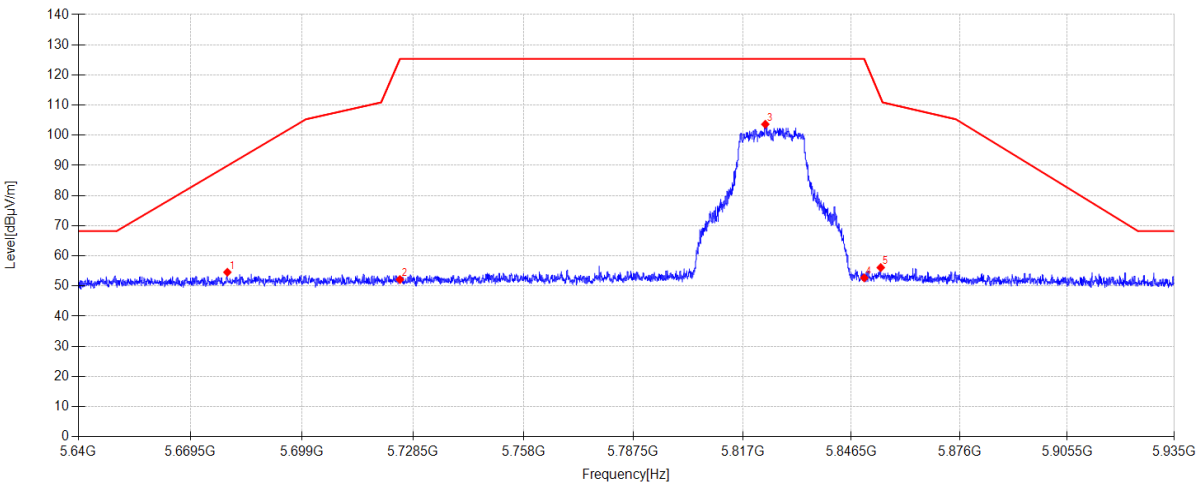
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Memo:

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	5679.235	45.03	33.52	5.63	-29.60	54.58	89.89	35.31	PK	Vertical
2	5725.000	42.34	33.75	5.66	-29.60	52.15	125.30	73.15	PK	Vertical
3	5823.136	93.41	34.11	5.72	-29.60	103.64	125.30	21.66	PK	Vertical
4	5850.000	42.56	34.00	5.74	-29.60	52.70	125.30	72.60	PK	Vertical
5	5854.495	45.96	34.01	5.74	-29.60	56.11	112.36	56.25	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 800MK2

Test Mode:

11AC20 MIMO 5825MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

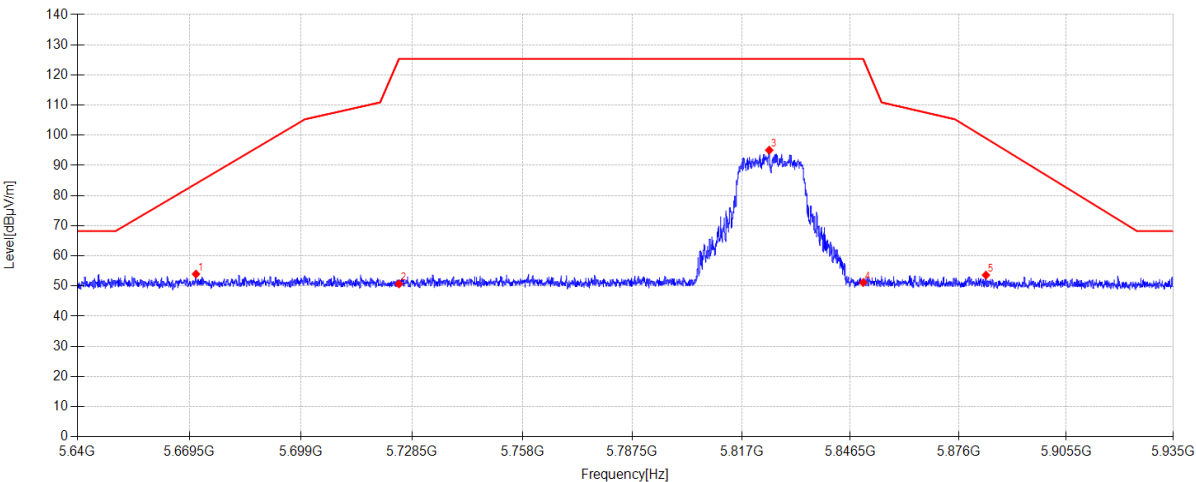
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Memo:

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	5671.211	44.47	33.48	5.62	-29.60	53.97	83.94	29.97	PK	Horizontal
2	5725.000	40.88	33.75	5.66	-29.60	50.69	125.30	74.61	PK	Horizontal
3	5824.464	84.84	34.10	5.72	-29.60	95.06	125.30	30.24	PK	Horizontal
4	5850.000	41.01	34.00	5.74	-29.60	51.15	125.30	74.15	PK	Horizontal
5	5883.493	43.40	34.07	5.76	-29.60	53.63	99.00	45.37	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5825MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

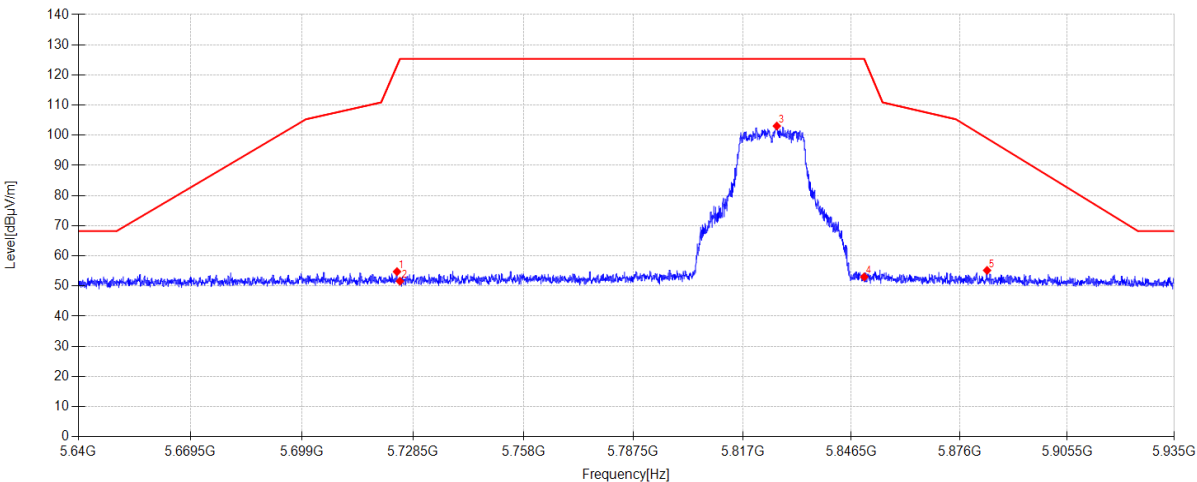
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Memo:

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	5724.223	44.95	33.75	5.66	-29.60	54.76	123.06	68.30	PK	Vertical
2	5725.000	41.80	33.75	5.66	-29.60	51.61	125.30	73.69	PK	Vertical
3	5826.263	92.85	34.09	5.73	-29.60	103.07	125.30	22.23	PK	Vertical
4	5850.000	42.88	34.00	5.74	-29.60	53.02	125.30	72.28	PK	Vertical
5	5883.523	44.96	34.07	5.76	-29.60	55.19	98.98	43.79	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

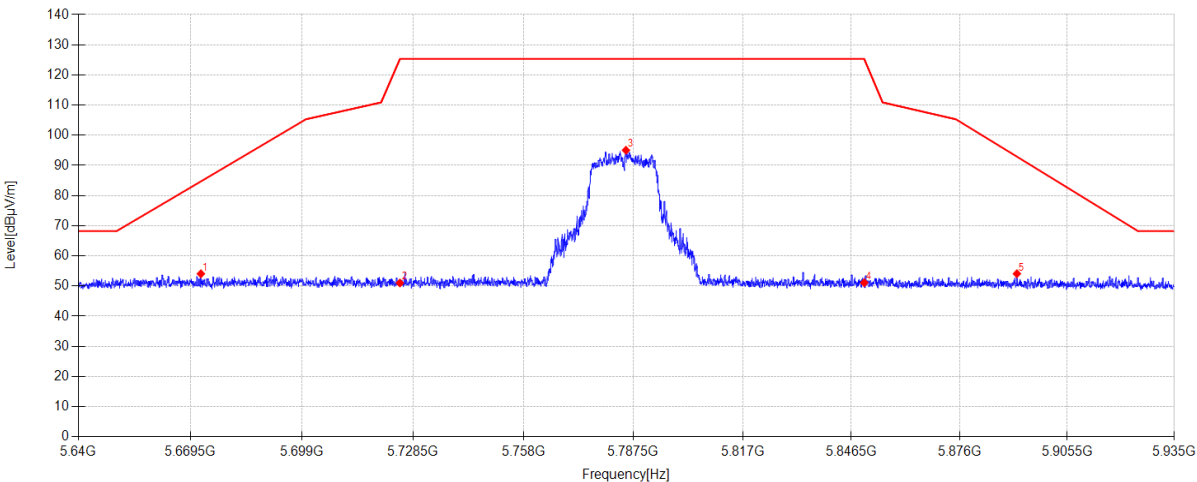
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Memo:

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	5672.244	44.55	33.49	5.62	-29.60	54.06	84.70	30.64	PK	Horizontal
2	5725.000	41.20	33.75	5.66	-29.60	51.01	125.30	74.29	PK	Horizontal
3	5785.524	84.82	34.11	5.70	-29.60	95.03	125.30	30.27	PK	Horizontal
4	5850.000	40.97	34.00	5.74	-29.60	51.11	125.30	74.19	PK	Horizontal
5	5891.694	43.84	34.08	5.77	-29.60	54.09	92.91	38.82	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:

11AC20 MIMO 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

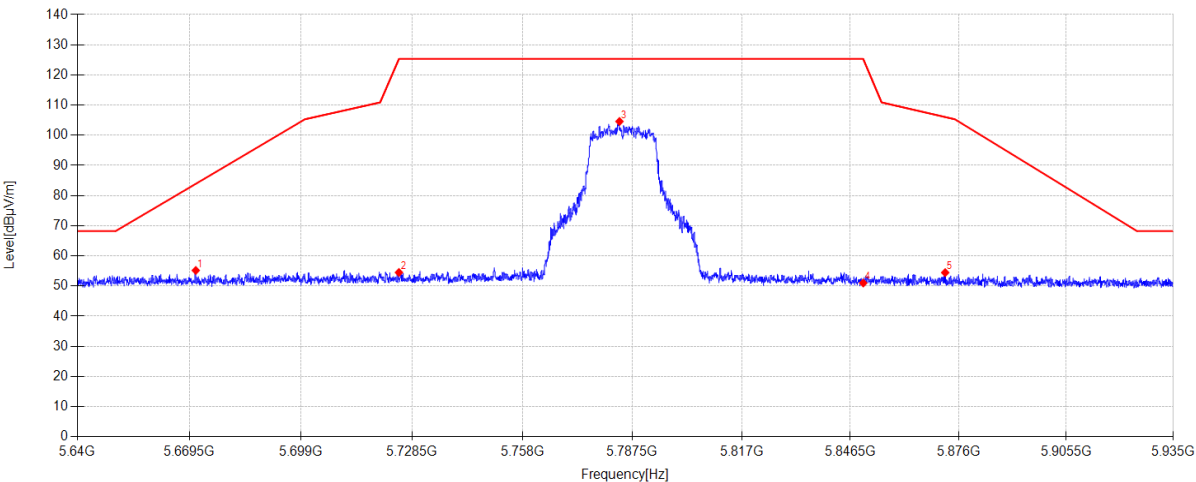
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\22

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	5671.152	45.67	33.48	5.62	-29.60	55.17	83.89	28.72	PK	Vertical
2	5725.000	44.69	33.75	5.66	-29.60	54.50	125.30	70.80	PK	Vertical
3	5784.049	94.38	34.10	5.70	-29.60	104.58	125.30	20.72	PK	Vertical
4	5850.000	40.85	34.00	5.74	-29.60	50.99	125.30	74.31	PK	Vertical
5	5872.342	44.24	34.04	5.76	-29.60	54.44	106.04	51.60	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

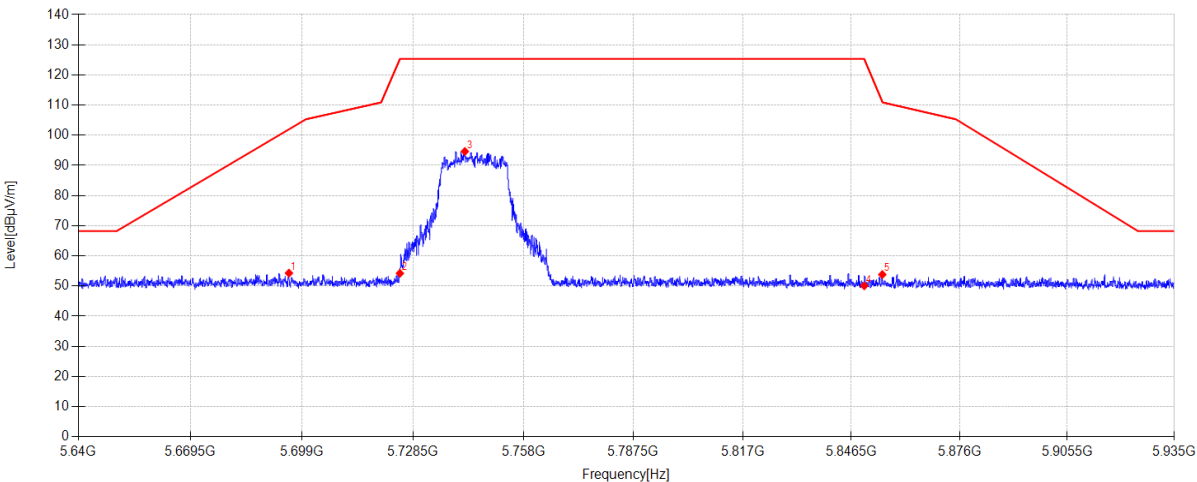
File Path:

d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\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	5695.519	44.67	33.58	5.64	-29.60	54.29	101.98	47.69	PK	Horizontal
2	5725.000	44.40	33.75	5.66	-29.60	54.21	125.30	71.09	PK	Horizontal
3	5742.336	84.72	33.85	5.67	-29.60	94.64	125.30	30.66	PK	Horizontal
4	5850.000	39.94	34.00	5.74	-29.60	50.08	125.30	75.22	PK	Horizontal
5	5854.908	43.66	34.01	5.74	-29.60	53.81	111.17	57.36	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC20 MIMO 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

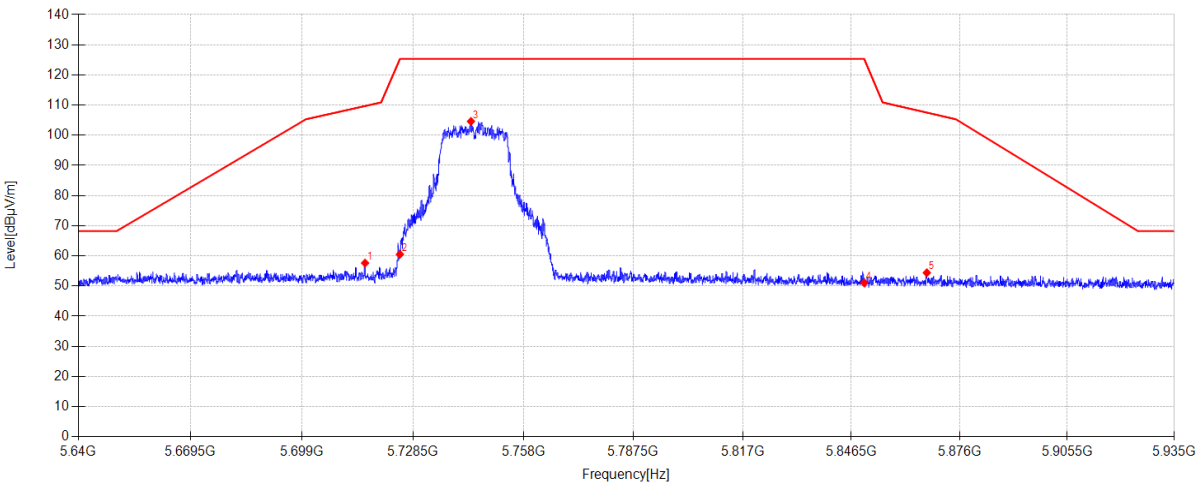
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\24

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	5715.727	47.89	33.69	5.65	-29.60	57.63	109.70	52.07	PK	Vertical
2	5725.000	50.70	33.75	5.66	-29.60	60.51	125.30	64.79	PK	Vertical
3	5743.958	94.68	33.86	5.67	-29.60	104.61	125.30	20.69	PK	Vertical
4	5850.000	40.91	34.00	5.74	-29.60	51.05	125.30	74.25	PK	Vertical
5	5867.062	44.22	34.03	5.75	-29.60	54.40	107.52	53.12	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 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

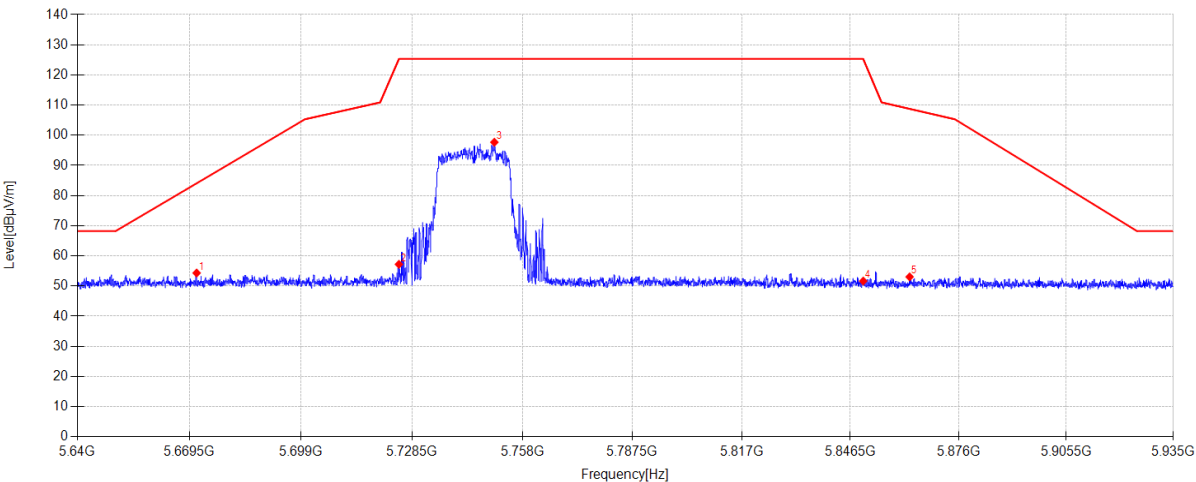
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Memo:

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	5671.388	44.81	33.49	5.62	-29.60	54.32	84.07	29.75	PK	Horizontal
2	5725.000	47.39	33.75	5.66	-29.60	57.20	125.30	68.10	PK	Horizontal
3	5750.478	87.70	33.90	5.68	-29.60	97.68	125.30	27.62	PK	Horizontal
4	5850.000	41.51	34.00	5.74	-29.60	51.65	125.30	73.65	PK	Horizontal
5	5862.637	42.86	34.03	5.75	-29.60	53.04	108.76	55.72	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5745MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

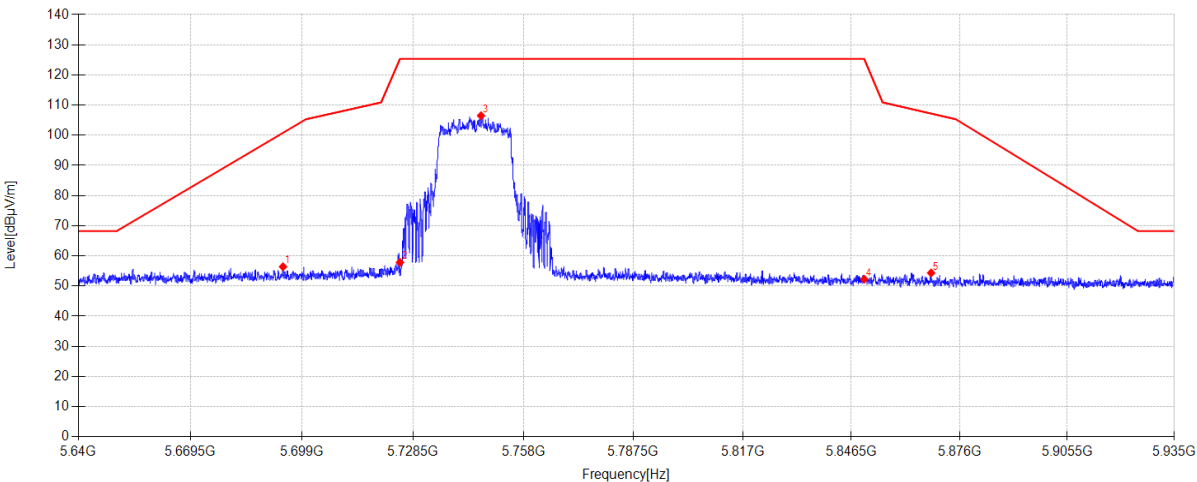
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\26

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	5693.956	46.79	33.58	5.64	-29.60	56.41	100.81	44.40	PK	Vertical
2	5725.000	48.03	33.75	5.66	-29.60	57.84	125.30	67.46	PK	Vertical
3	5746.643	96.55	33.88	5.67	-29.60	106.50	125.30	18.80	PK	Vertical
4	5850.000	42.11	34.00	5.74	-29.60	52.25	125.30	73.05	PK	Vertical
5	5868.242	44.15	34.04	5.75	-29.60	54.34	107.19	52.85	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX20 MIMO 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

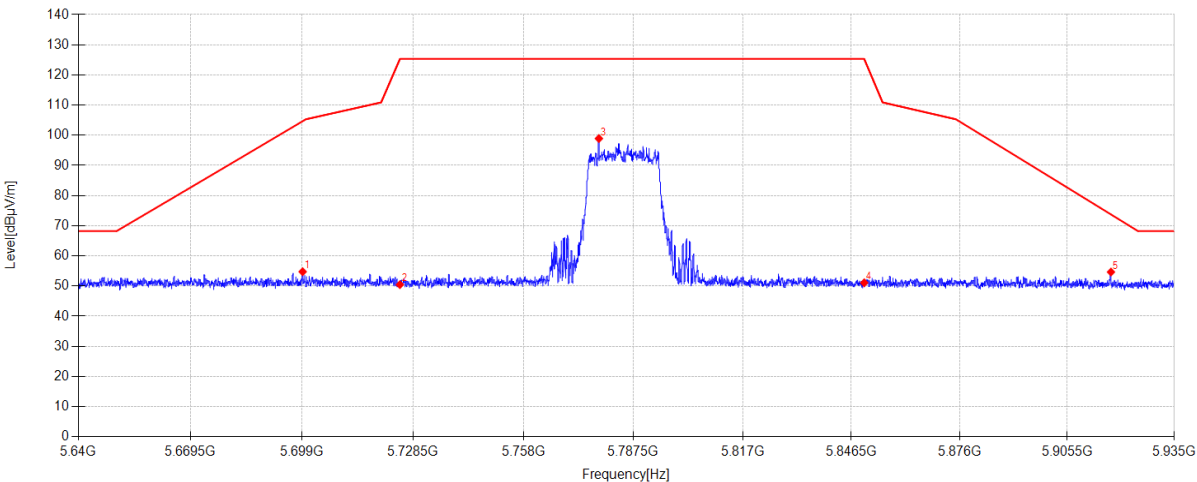
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\27

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	5699.148	45.11	33.60	5.64	-29.60	54.75	104.67	49.92	PK	Horizontal
2	5725.000	40.65	33.75	5.66	-29.60	50.46	125.30	74.84	PK	Horizontal
3	5778.237	88.76	34.07	5.69	-29.60	98.92	125.30	26.38	PK	Horizontal
4	5850.000	40.94	34.00	5.74	-29.60	51.08	125.30	74.22	PK	Horizontal
5	5917.536	44.31	34.14	5.79	-29.60	54.64	73.74	19.10	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 800MK2

Test Mode:

11AX20 MIMO 5785MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

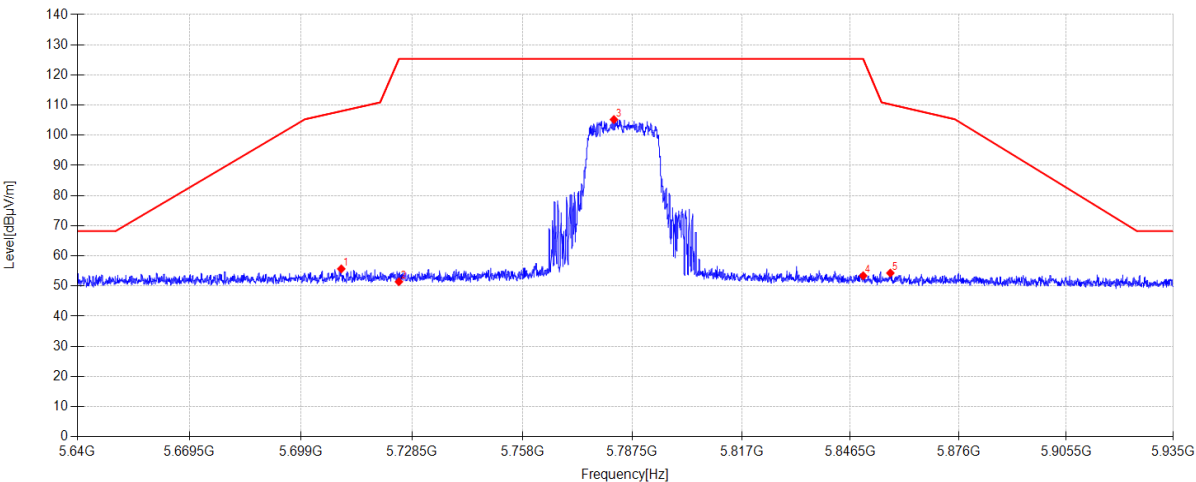
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\28

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	5709.679	45.98	33.66	5.65	-29.60	55.69	108.01	52.32	PK	Vertical
2	5725.000	41.61	33.75	5.66	-29.60	51.42	125.30	73.88	PK	Vertical
3	5782.544	95.02	34.10	5.70	-29.60	105.22	125.30	20.08	PK	Vertical
4	5850.000	43.27	34.00	5.74	-29.60	53.41	125.30	71.89	PK	Vertical
5	5857.386	44.14	34.01	5.75	-29.60	54.30	110.23	55.93	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

TX AX20 MIMO 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

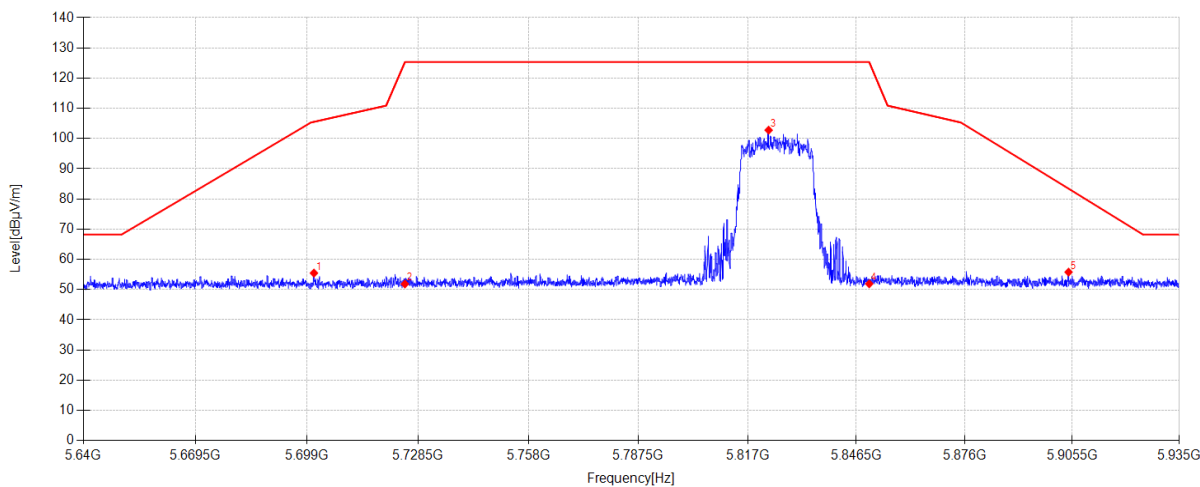
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d:\ts\2024 report data\ BAR 800MK2\FCC ABOVE1G 5.8GWIFI\33

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	5700.829	45.82	33.60	5.64	-29.60	55.46	105.53	50.07	PK	Horizontal
2	5725.000	42.04	33.75	5.66	-29.60	51.85	125.30	73.45	PK	Horizontal
3	5822.694	92.54	34.11	5.72	-29.60	102.77	125.30	22.53	PK	Horizontal
4	5850.000	41.76	34.00	5.74	-29.60	51.90	125.30	73.40	PK	Horizontal
5	5904.497	45.49	34.11	5.78	-29.60	55.78	83.41	27.63	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

TX AX20 MIMO 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

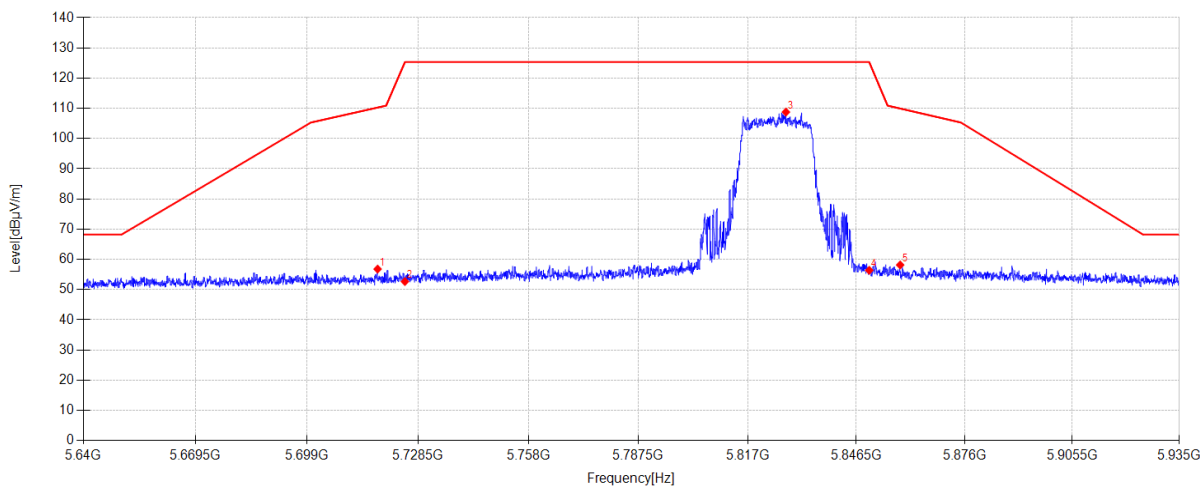
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d:\ts\2024 report data\ BAR 800MK2\FCC ABOVE1G 5.8GWIFI\34

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	5717.733	47.02	33.71	5.65	-29.60	56.78	110.27	53.49	PK	Vertical
2	5725.000	42.86	33.75	5.66	-29.60	52.67	125.30	72.63	PK	Vertical
3	5827.384	98.55	34.09	5.73	-29.60	108.77	125.30	16.53	PK	Vertical
4	5850.000	46.23	34.00	5.74	-29.60	56.37	125.30	68.93	PK	Vertical
5	5858.418	47.98	34.02	5.75	-29.60	58.15	109.94	51.79	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5755MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

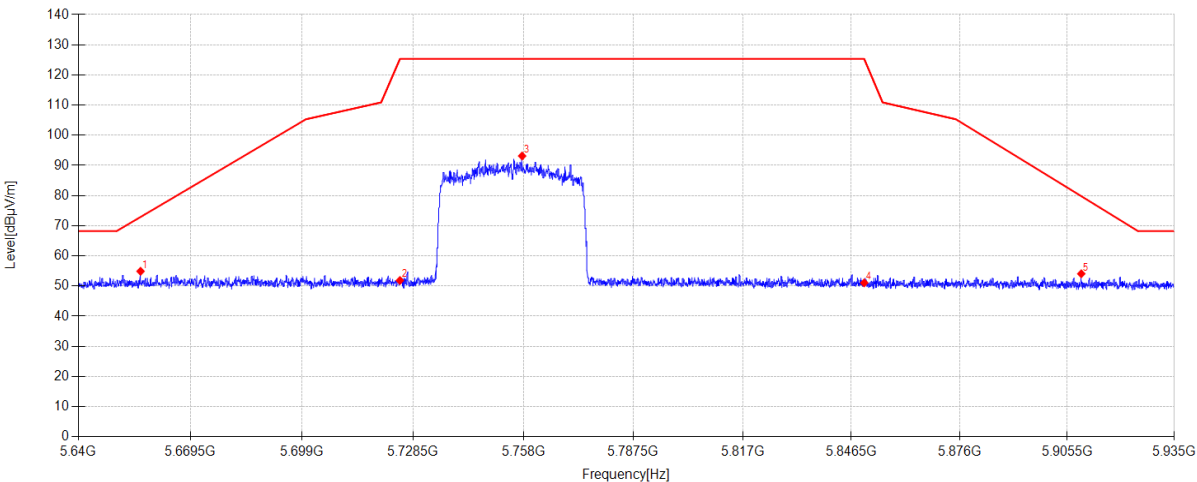
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\31

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	5656.343	45.46	33.43	5.61	-29.60	54.90	72.91	18.01	PK	Horizontal
2	5725.000	42.04	33.75	5.66	-29.60	51.85	125.30	73.45	PK	Horizontal
3	5757.646	83.10	33.95	5.68	-29.60	93.13	125.30	32.17	PK	Horizontal
4	5850.000	40.91	34.00	5.74	-29.60	51.05	125.30	74.25	PK	Horizontal
5	5909.365	43.77	34.12	5.78	-29.60	54.07	79.80	25.73	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5755MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

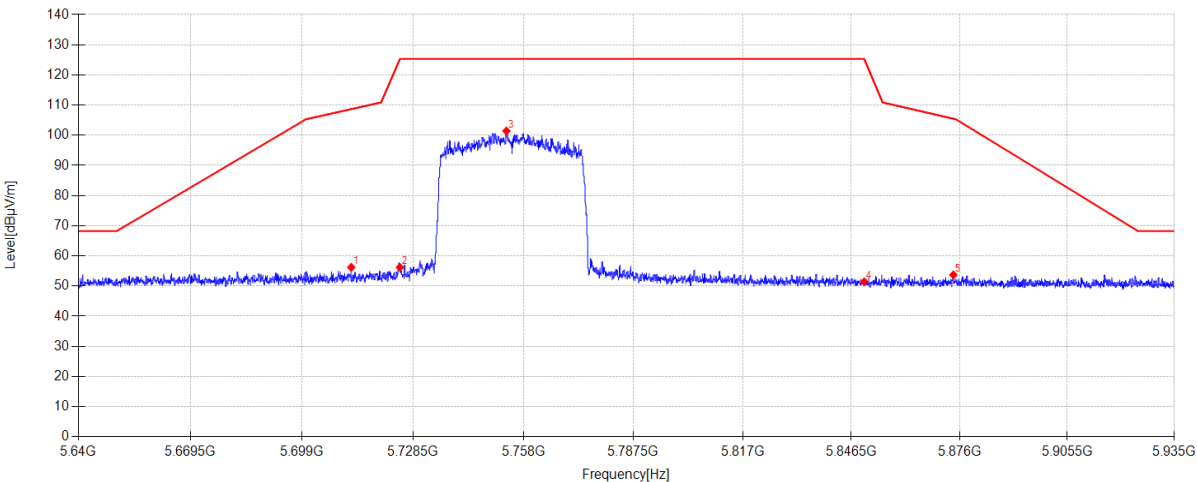
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\32

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	5712.069	46.48	33.67	5.65	-29.60	56.20	108.68	52.48	PK	Vertical
2	5725.000	46.37	33.75	5.66	-29.60	56.18	125.30	69.12	PK	Vertical
3	5753.428	91.44	33.92	5.68	-29.60	101.44	125.30	23.86	PK	Vertical
4	5850.000	41.26	34.00	5.74	-29.60	51.40	125.30	73.90	PK	Vertical
5	5874.319	43.49	34.05	5.76	-29.60	53.70	105.49	51.79	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5795MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

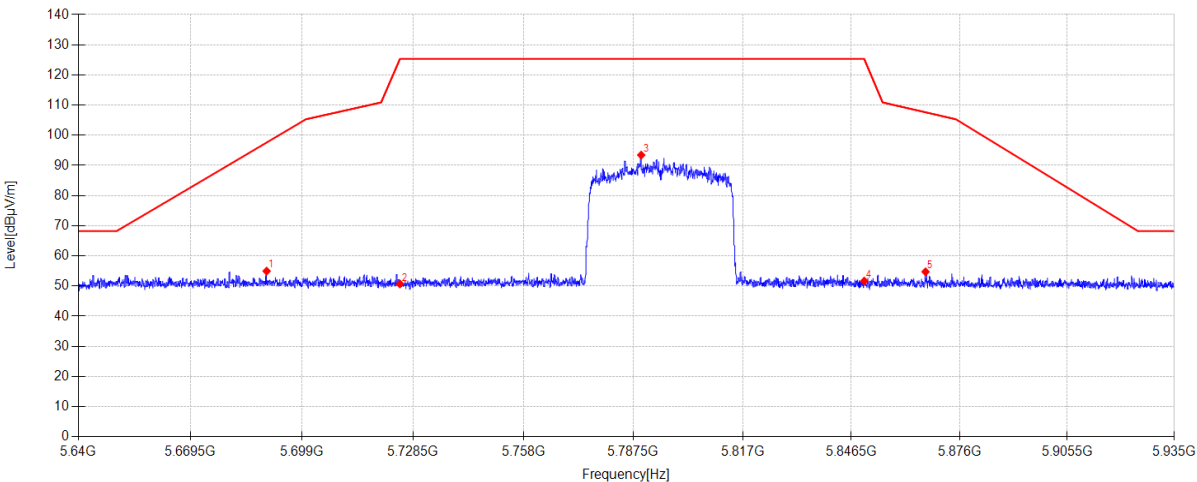
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\33

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	5689.619	45.35	33.56	5.64	-29.60	54.95	97.60	42.65	PK	Horizontal
2	5725.000	40.87	33.75	5.66	-29.60	50.68	125.30	74.62	PK	Horizontal
3	5789.624	83.19	34.14	5.70	-29.60	93.43	125.30	31.87	PK	Horizontal
4	5850.000	41.51	34.00	5.74	-29.60	51.65	125.30	73.65	PK	Horizontal
5	5866.708	44.55	34.03	5.75	-29.60	54.73	107.62	52.89	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX40 MIMO 5795MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

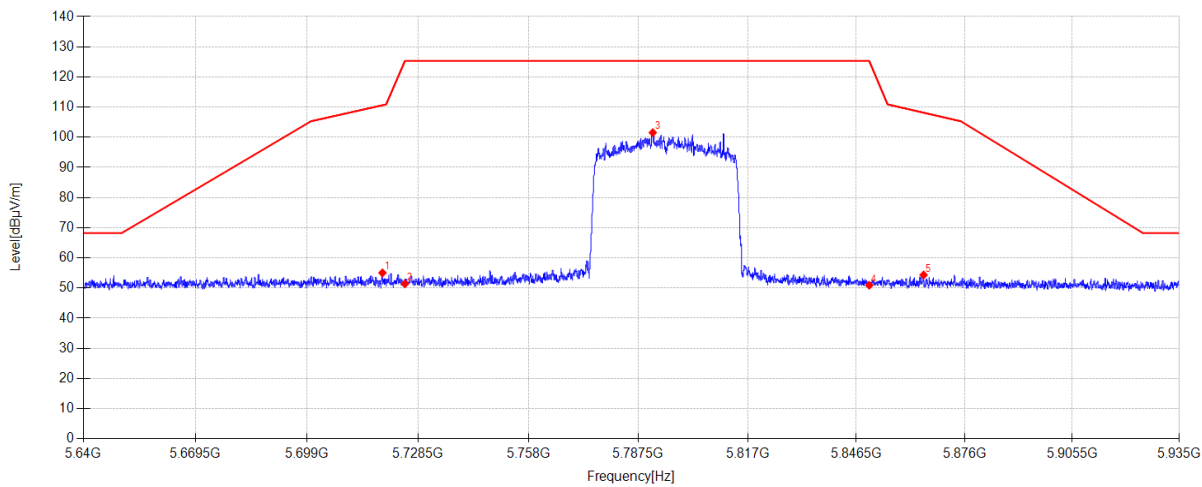
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Memo:

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	5719.031	45.28	33.71	5.65	-29.60	55.04	110.63	55.59	PK	Vertical
2	5725.000	41.60	33.75	5.66	-29.60	51.41	125.30	73.89	PK	Vertical
3	5791.394	91.29	34.15	5.70	-29.60	101.54	125.30	23.76	PK	Vertical
4	5850.000	40.78	34.00	5.74	-29.60	50.92	125.30	74.38	PK	Vertical
5	5864.820	44.14	34.03	5.75	-29.60	54.32	108.15	53.83	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:

11AX80 MIMO 5775MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

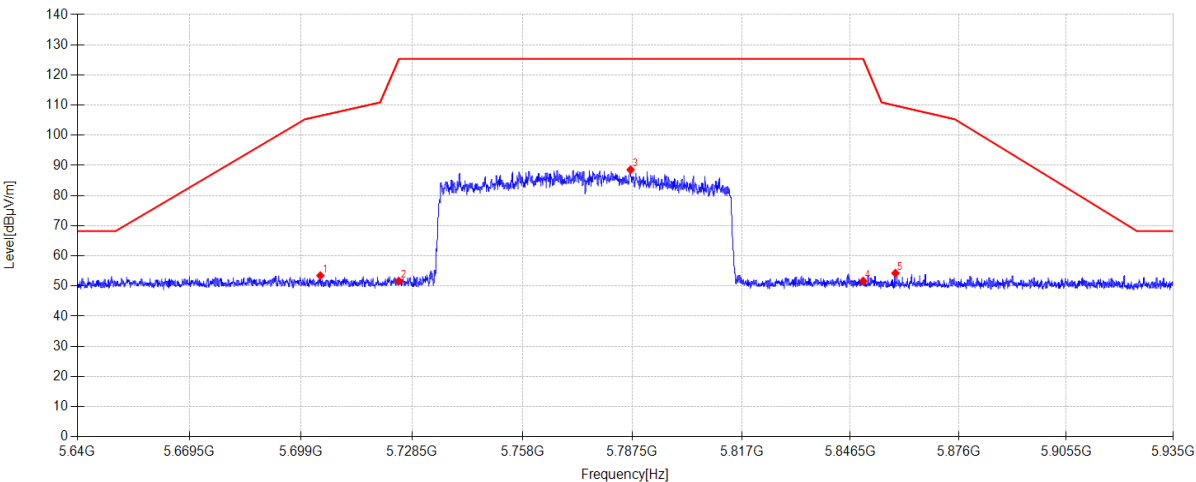
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\35

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	5704.133	43.80	33.62	5.64	-29.60	53.46	106.46	53.00	PK	Horizontal
2	5725.000	41.84	33.75	5.66	-29.60	51.65	125.30	73.65	PK	Horizontal
3	5787.028	78.35	34.12	5.70	-29.60	88.57	125.30	36.73	PK	Horizontal
4	5850.000	41.52	34.00	5.74	-29.60	51.66	125.30	73.64	PK	Horizontal
5	5858.772	44.10	34.02	5.75	-29.60	54.27	109.84	55.57	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AX80 MIMO 5775MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

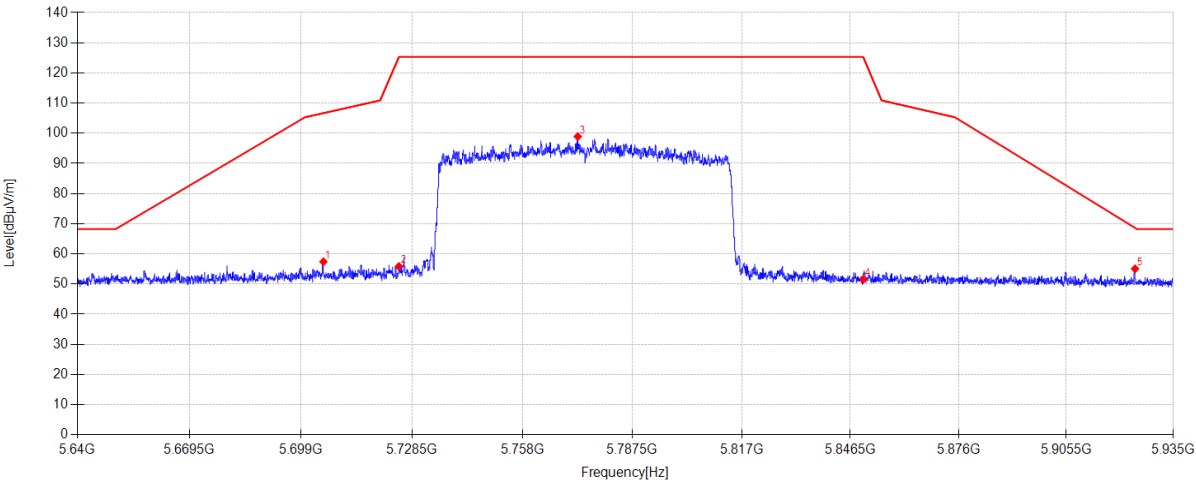
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d:\ts\2024 report data\BAR 800MK2\0111 FCC ABOVE1G 5.8G\36

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	5704.930	47.73	33.63	5.65	-29.60	57.41	106.68	49.27	PK	Vertical
2	5725.000	46.03	33.75	5.66	-29.60	55.84	125.30	69.46	PK	Vertical
3	5772.839	88.79	34.04	5.69	-29.60	98.92	125.30	26.38	PK	Vertical
4	5850.000	41.42	34.00	5.74	-29.60	51.56	125.30	73.74	PK	Vertical
5	5924.439	44.72	34.15	5.79	-29.60	55.06	68.62	13.56	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11N40 MIMO 5755MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

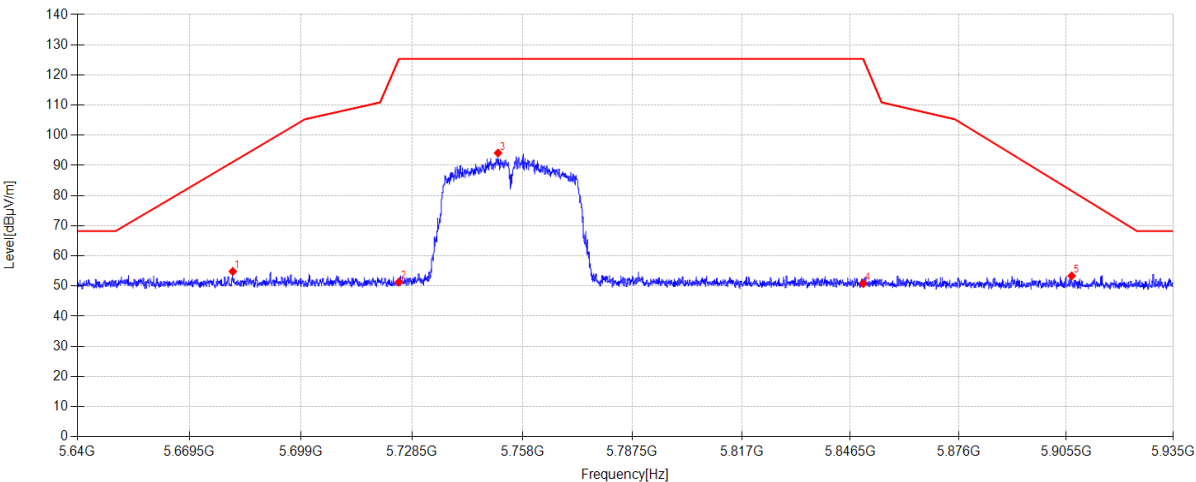
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Memo:

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	5680.917	45.29	33.52	5.63	-29.60	54.84	91.14	36.30	PK	Horizontal
2	5725.000	41.47	33.75	5.66	-29.60	51.28	125.30	74.02	PK	Horizontal
3	5751.451	84.13	33.91	5.68	-29.60	94.12	125.30	31.18	PK	Horizontal
4	5850.000	40.67	34.00	5.74	-29.60	50.81	125.30	74.49	PK	Horizontal
5	5907.005	43.08	34.11	5.78	-29.60	53.37	81.55	28.18	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:

11N40 MIMO 5755MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

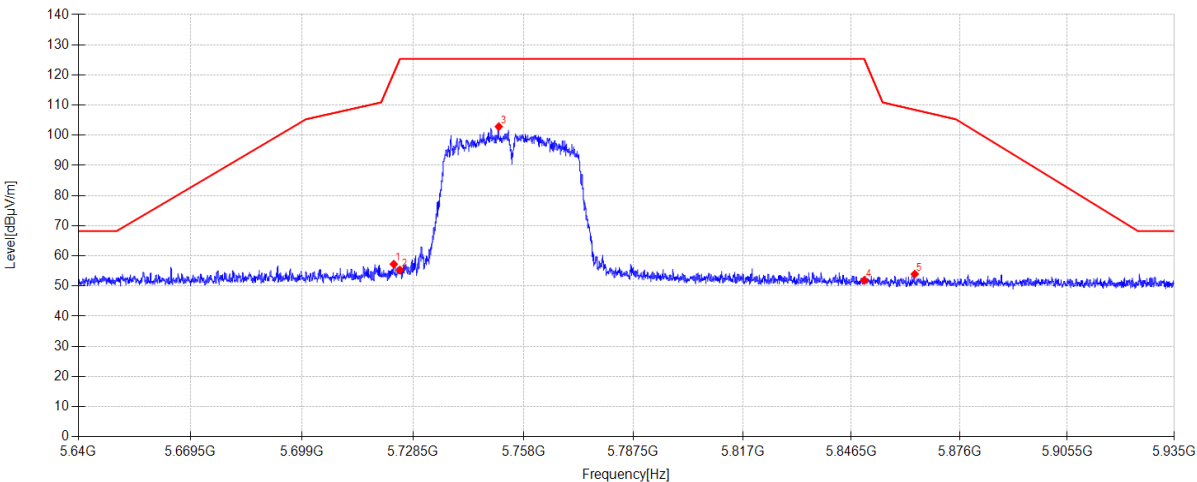
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Memo:

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	5723.367	47.45	33.74	5.66	-29.60	57.25	120.60	63.35	PK	Vertical
2	5725.000	45.50	33.75	5.66	-29.60	55.31	125.30	69.99	PK	Vertical
3	5751.392	92.88	33.91	5.68	-29.60	102.87	125.30	22.43	PK	Vertical
4	5850.000	41.72	34.00	5.74	-29.60	51.86	125.30	73.44	PK	Vertical
5	5863.758	43.78	34.03	5.75	-29.60	53.96	108.45	54.49	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:

11N40 MIMO 5795MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

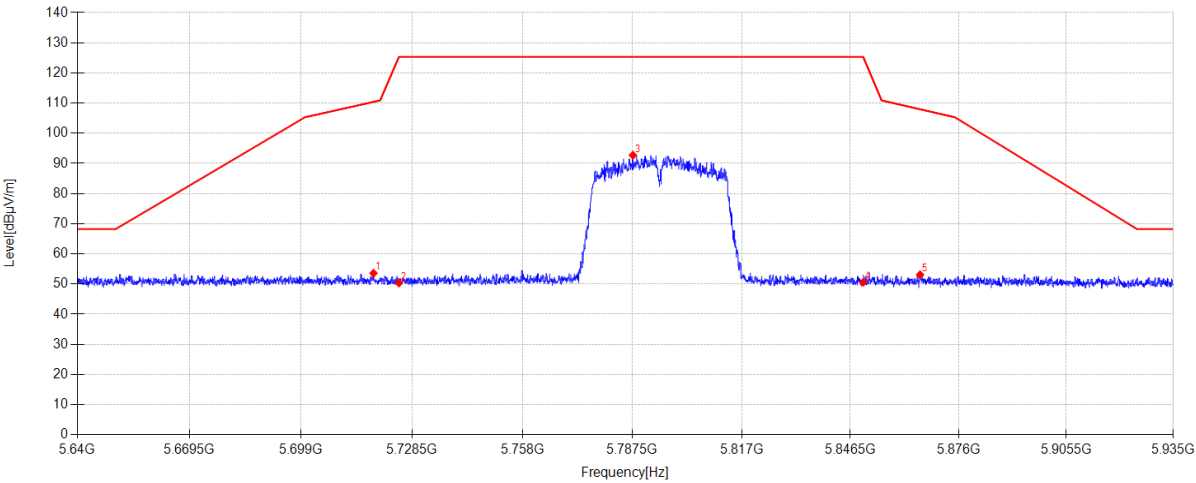
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Memo:

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	5718.234	43.81	33.71	5.65	-29.60	53.57	110.41	56.84	PK	Horizontal
2	5725.000	40.53	33.75	5.66	-29.60	50.34	125.30	74.96	PK	Horizontal
3	5787.648	82.48	34.13	5.70	-29.60	92.71	125.30	32.59	PK	Horizontal
4	5850.000	40.44	34.00	5.74	-29.60	50.58	125.30	74.72	PK	Horizontal
5	5865.498	42.90	34.03	5.75	-29.60	53.08	107.96	54.88	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:

11N40 MIMO 5795MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

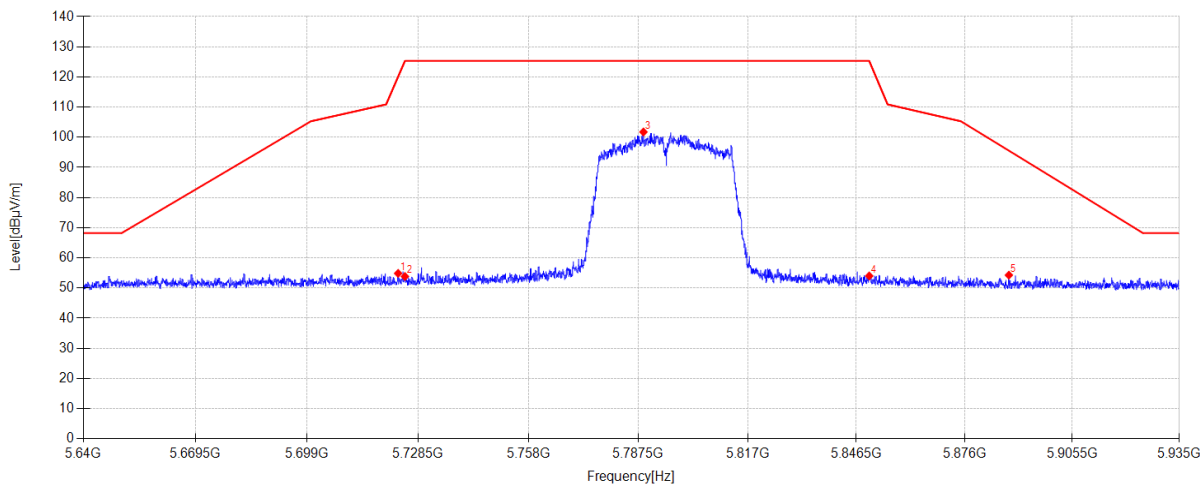
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Memo:

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	5723.190	45.06	33.74	5.66	-29.60	54.86	120.09	65.23	PK	Vertical
2	5725.000	44.03	33.75	5.66	-29.60	53.84	125.30	71.46	PK	Vertical
3	5788.887	91.52	34.13	5.70	-29.60	101.75	125.30	23.55	PK	Vertical
4	5850.000	43.88	34.00	5.74	-29.60	54.02	125.30	71.28	PK	Vertical
5	5888.125	44.03	34.08	5.77	-29.60	54.28	95.56	41.28	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5795MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

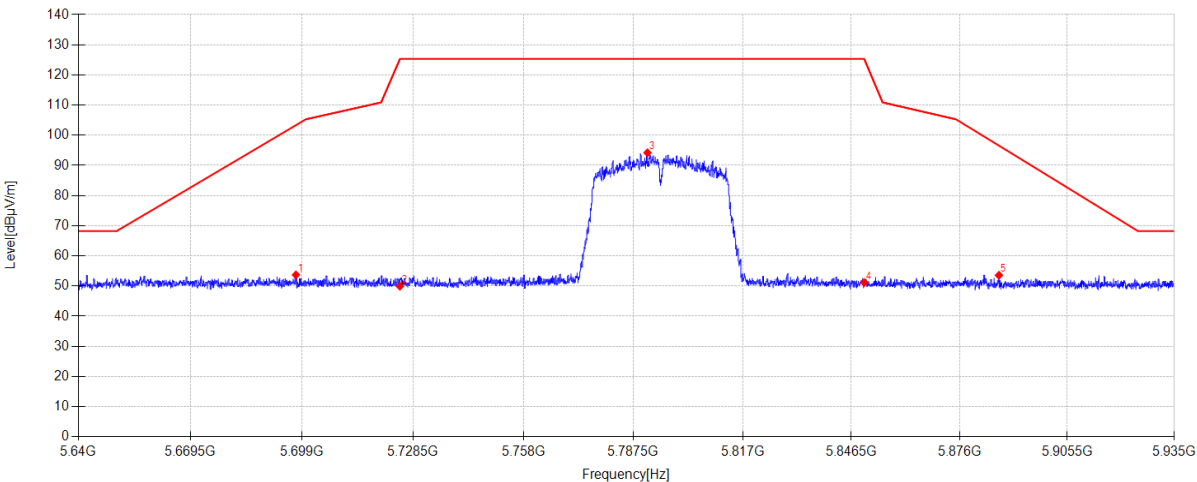
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Memo:

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	5697.378	44.07	33.59	5.64	-29.60	53.70	103.35	49.65	PK	Horizontal
2	5725.000	40.12	33.75	5.66	-29.60	49.93	125.30	75.37	PK	Horizontal
3	5791.306	83.95	34.15	5.70	-29.60	94.20	125.30	31.10	PK	Horizontal
4	5850.000	41.02	34.00	5.74	-29.60	51.16	125.30	74.14	PK	Horizontal
5	5886.768	43.33	34.07	5.77	-29.60	53.57	96.57	43.00	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:

11AC40 MIMO 5795MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

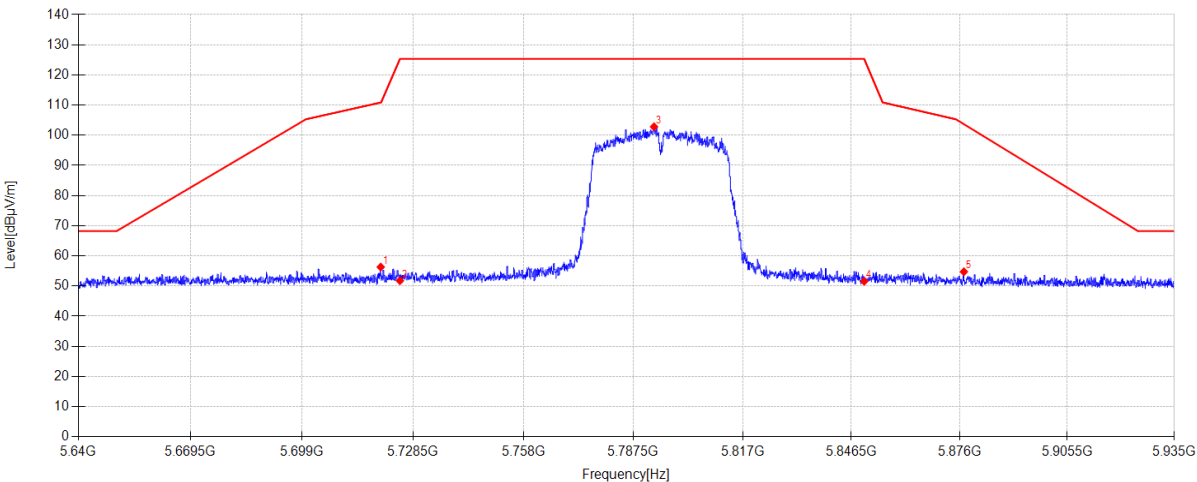
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Memo:

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	5719.886	46.52	33.72	5.66	-29.60	56.30	110.87	54.57	PK	Vertical
2	5725.000	41.97	33.75	5.66	-29.60	51.78	125.30	73.52	PK	Vertical
3	5793.076	92.56	34.16	5.70	-29.60	102.82	125.30	22.48	PK	Vertical
4	5850.000	41.44	34.00	5.74	-29.60	51.58	125.30	73.72	PK	Vertical
5	5877.180	44.53	34.05	5.76	-29.60	54.74	103.68	48.94	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5755MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

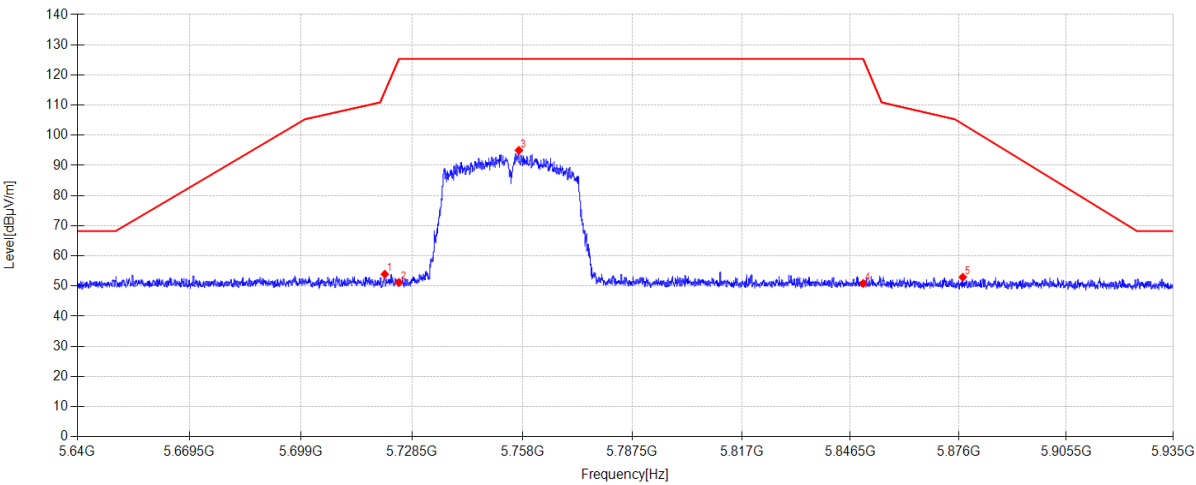
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Memo:

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	5721.243	44.13	33.73	5.66	-29.60	53.92	114.48	60.56	PK	Horizontal
2	5725.000	41.36	33.75	5.66	-29.60	51.17	125.30	74.13	PK	Horizontal
3	5757.027	84.98	33.94	5.68	-29.60	95.00	125.30	30.30	PK	Horizontal
4	5850.000	40.73	34.00	5.74	-29.60	50.87	125.30	74.43	PK	Horizontal
5	5877.151	42.71	34.05	5.76	-29.60	52.92	103.70	50.78	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:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC40 MIMO 5755MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

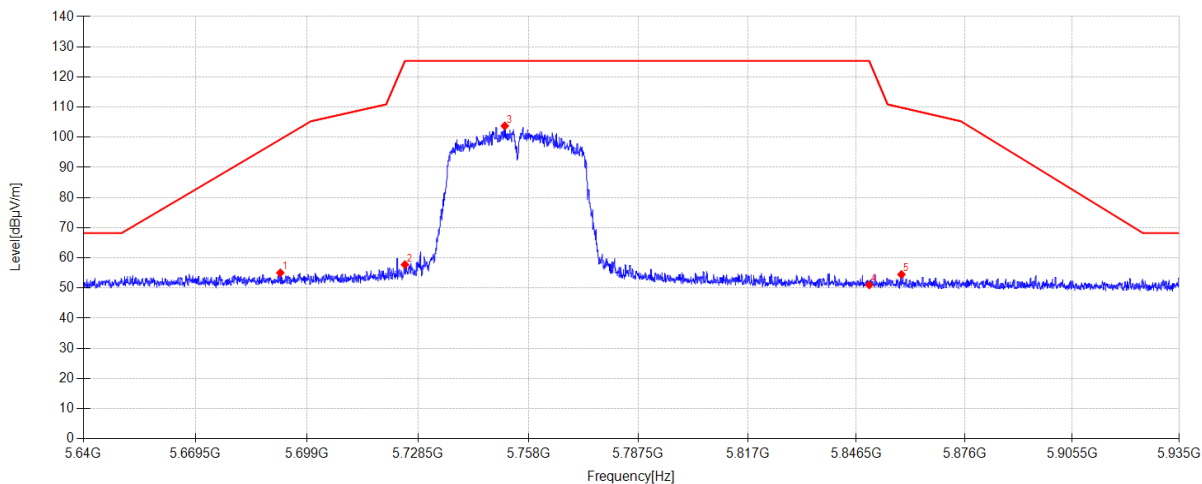
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Memo:

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	5691.920	45.44	33.57	5.64	-29.60	55.05	99.30	44.25	PK	Vertical
2	5725.000	47.94	33.75	5.66	-29.60	57.75	125.30	67.55	PK	Vertical
3	5751.658	93.77	33.91	5.68	-29.60	103.76	125.30	21.54	PK	Vertical
4	5850.000	40.89	34.00	5.74	-29.60	51.03	125.30	74.27	PK	Vertical
5	5858.772	44.34	34.02	5.75	-29.60	54.51	109.84	55.33	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-11

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

11AC80 MIMO 5775MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

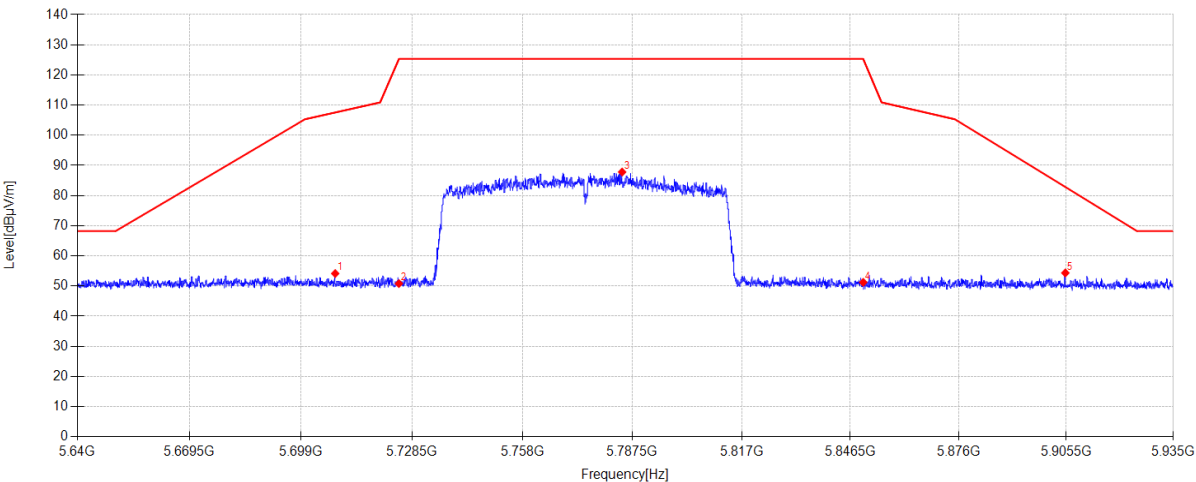
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Memo:

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	5708.057	44.44	33.65	5.65	-29.60	54.14	107.56	53.42	PK	Horizontal
2	5725.000	41.01	33.75	5.66	-29.60	50.82	125.30	74.48	PK	Horizontal
3	5784.757	77.59	34.11	5.70	-29.60	87.80	125.30	37.50	PK	Horizontal
4	5850.000	41.08	34.00	5.74	-29.60	51.22	125.30	74.08	PK	Horizontal
5	5905.264	44.05	34.11	5.78	-29.60	54.34	82.84	28.50	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:

11AC80 MIMO 5775MHz TX

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

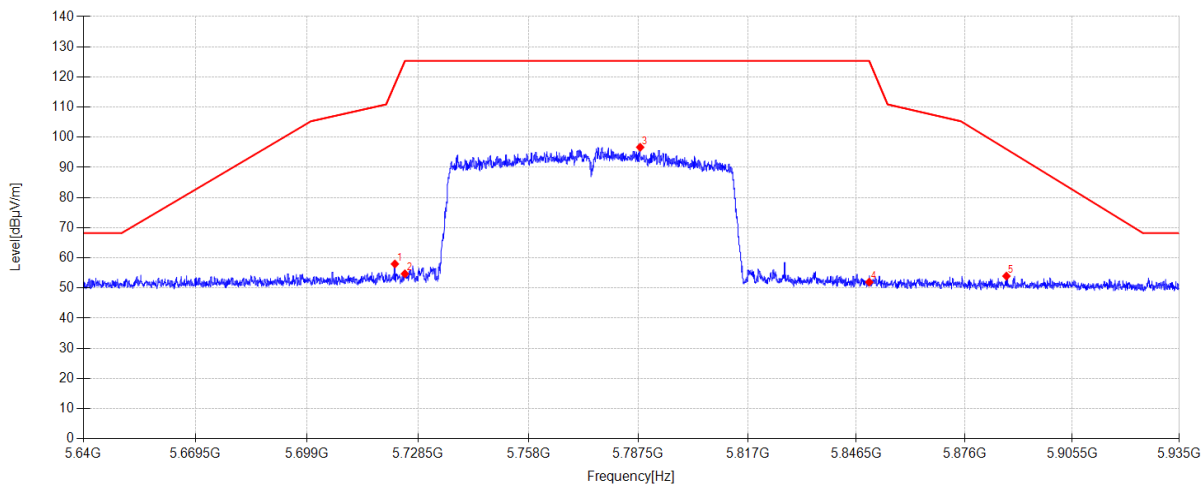
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Memo:

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	5722.335	48.19	33.73	5.66	-29.60	57.98	117.62	59.64	PK	Vertical
2	5725.000	44.89	33.75	5.66	-29.60	54.70	125.30	70.60	PK	Vertical
3	5788.002	86.45	34.13	5.70	-29.60	96.68	125.30	28.62	PK	Vertical
4	5850.000	41.81	34.00	5.74	-29.60	51.95	125.30	73.35	PK	Vertical
5	5887.446	43.71	34.07	5.77	-29.60	53.95	96.07	42.12	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

TX 11AX20 MIMO RU0 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

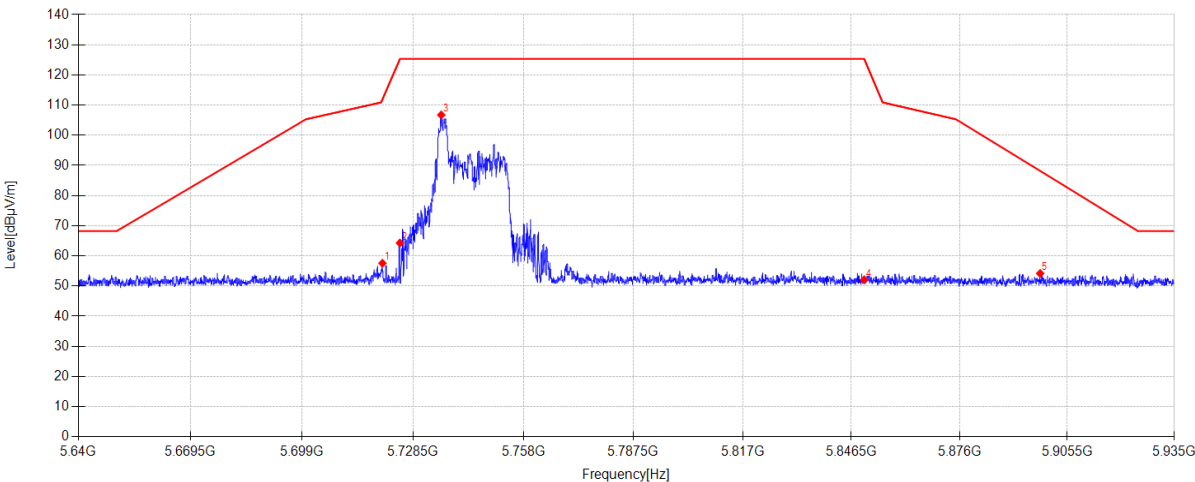
DDT 3# Chamber

File Path:

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Memo:

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5720.358	47.77	33.72	5.66	-29.60	57.55	111.93	54.38	PK	Horizontal
2	5725.000	54.46	33.75	5.66	-29.60	64.27	125.30	61.03	PK	Horizontal
3	5736.023	96.85	33.82	5.67	-29.60	106.74	125.30	18.56	PK	Horizontal
4	5850.000	41.91	34.00	5.74	-29.60	52.05	125.30	73.25	PK	Horizontal
5	5898.066	43.90	34.10	5.77	-29.60	54.17	88.19	34.02	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

TX 11AX20 MIMO RU0 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

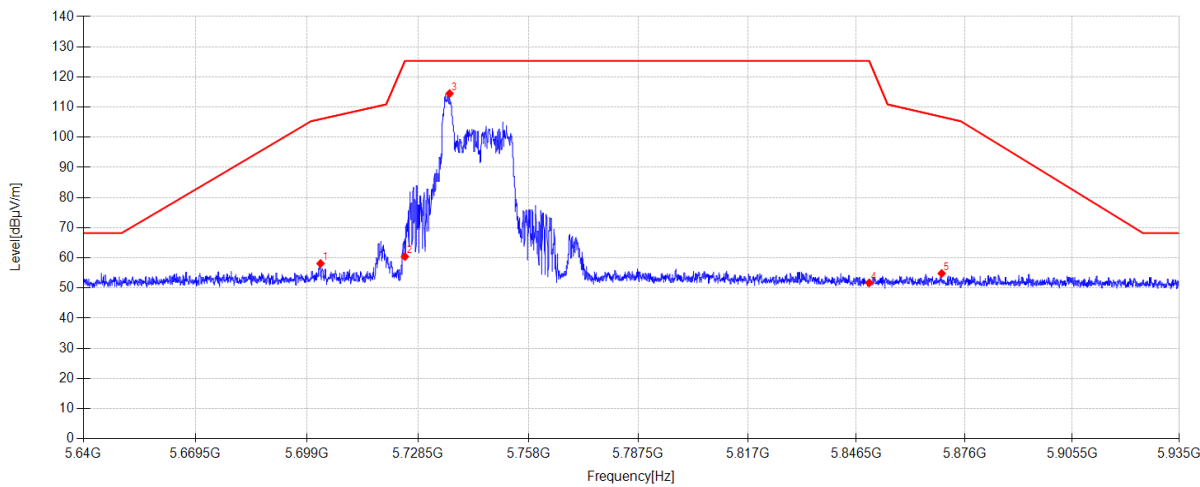
DDT 3# Chamber

File Path:

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Memo:

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5702.570	48.46	33.62	5.64	-29.60	58.12	106.02	47.90	PK	Vertical
2	5725.000	50.61	33.75	5.66	-29.60	60.42	125.30	64.88	PK	Vertical
3	5736.908	104.61	33.82	5.67	-29.60	114.50	125.30	10.80	PK	Vertical
4	5850.000	41.59	34.00	5.74	-29.60	51.73	125.30	73.57	PK	Vertical
5	5869.746	44.64	34.04	5.75	-29.60	54.83	106.77	51.94	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

TX 11AX20 MIMO RU8 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

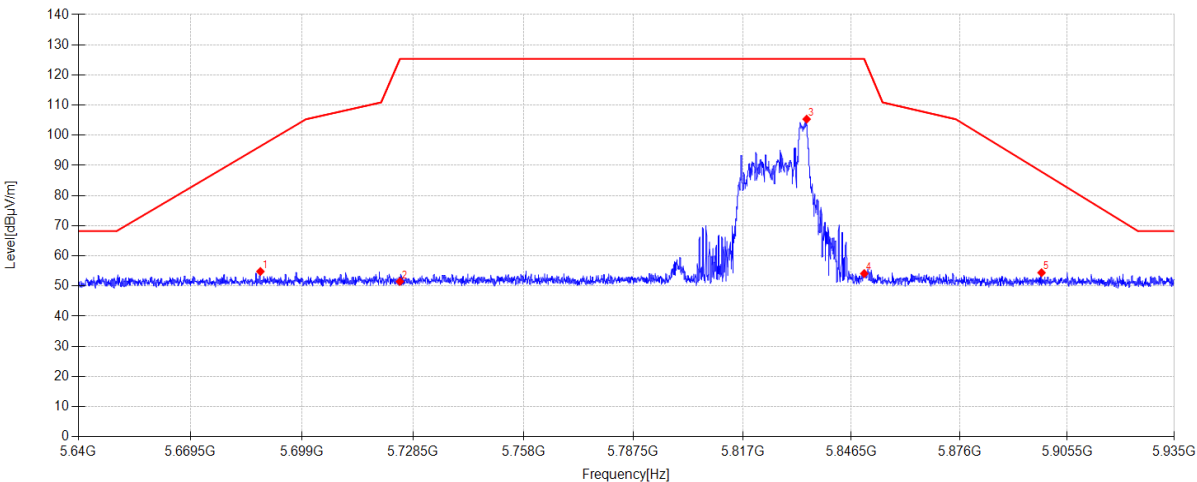
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2 \FCC ABOVE1G 5.8G RU\3

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	5687.967	45.24	33.55	5.63	-29.60	54.82	96.37	41.55	PK	Horizontal
2	5725.000	41.68	33.75	5.66	-29.60	51.49	125.30	73.81	PK	Horizontal
3	5834.346	95.15	34.06	5.73	-29.60	105.34	125.30	19.96	PK	Horizontal
4	5850.000	43.99	34.00	5.74	-29.60	54.13	125.30	71.17	PK	Horizontal
5	5898.450	44.15	34.10	5.77	-29.60	54.42	87.90	33.48	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-27

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 800MK2

Test Mode:

TX 11AX20 MIMO RU8 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

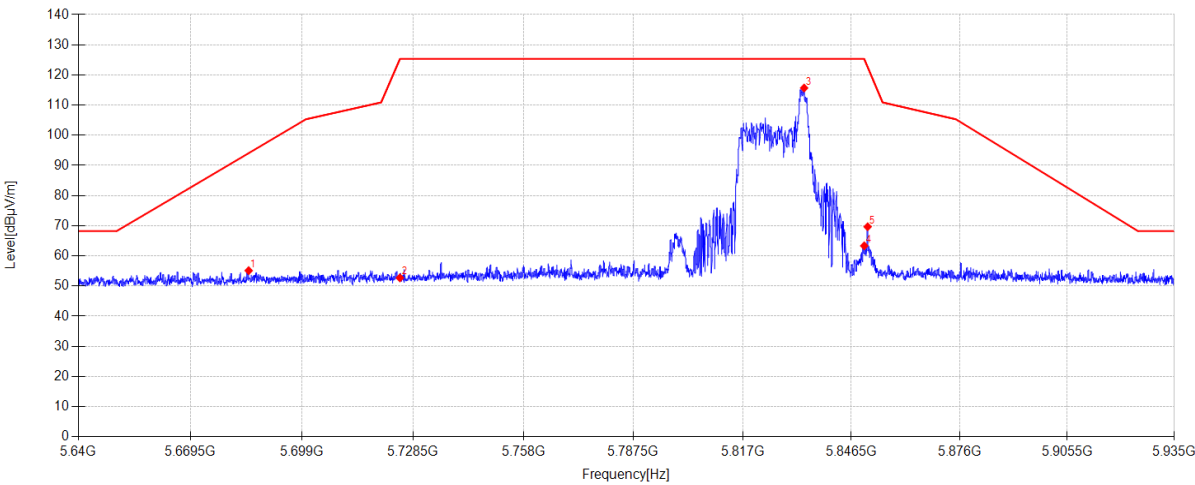
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 800MK2 \FCC ABOVE1G 5.8G 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	5684.870	45.54	33.54	5.63	-29.60	55.11	94.07	38.96	PK	Vertical
2	5725.000	42.90	33.75	5.66	-29.60	52.71	125.30	72.59	PK	Vertical
3	5833.668	105.48	34.07	5.73	-29.60	115.68	125.30	9.62	PK	Vertical
4	5850.000	53.20	34.00	5.74	-29.60	63.34	125.30	61.96	PK	Vertical
5	5850.925	59.52	34.00	5.74	-29.60	69.66	122.64	52.98	PK	Vertical

Note:

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

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

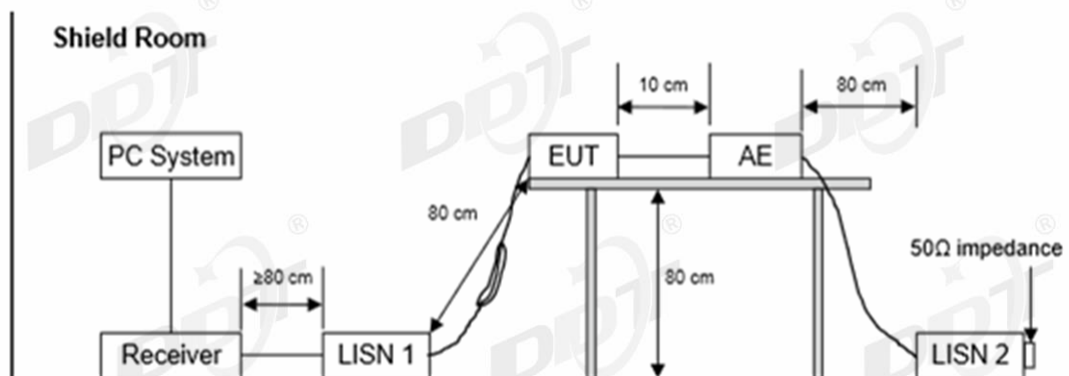
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Power Line Conducted Emissions

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
Two Line V-Network	R&S	ENV216	DDT-ZC02056	2025/07/08	1 Year
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2025/07/08	1 Year
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/	/
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2025/07/08	1 Year
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025/07/08	1 Year
Δ -shaped artificial power network	SCHWARZBECK	PVDC 8301	DDT-ZC03939	2025/03/31	1 Year
Three-phase artificial power network	SCHWARZBECK	NSLK 8163	DDT-ZC01572	2025/07/08	1 Year
Pulse Limiter	SCHWARZBECK	VTSD 9561	DDT-ZC02128	2025/07/08	1 Year

15.2. Block diagram of test setup



15.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

15.4. Assistant equipment used for test

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

15.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

15.6. Test result

PASS. (See below detailed test result)

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

Note2: “----” means Peak detection; “----” means Average detection.

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

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site

Test Date

EUT

Power Supply

Condition

Memo

: DDT 6# Shield Room

: 2025-02-27

: Multi-Channel Soundbar with wireless subwoofer

: AC 120V/60Hz

: Temp:20.1°C,Humi:49.3%

:

D:\2025 Report Date\Q24111416-1E\0227 CE.EM6

Tested By

Model Number

Test Mode

LISN

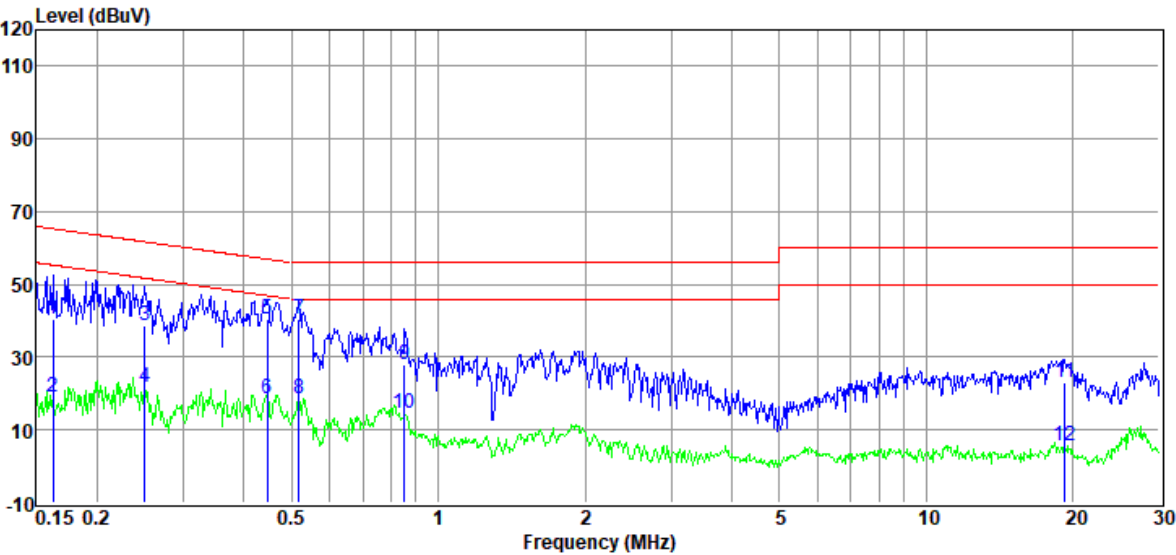
: Zhong Nan

: BAR 800MK2

: 5G WIFI mode

: 2024 ENV216 3#/NEUTRAL

Data: 18



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	20.68	9.77	0.07	9.83	40.35	65.34	-24.99	QP	NEUTRAL
2	0.16	-0.75	9.77	0.07	9.83	18.92	55.34	-36.42	Average	NEUTRAL
3	0.25	19.00	9.76	0.06	9.83	38.65	61.73	-23.08	QP	NEUTRAL
4	0.25	1.93	9.76	0.06	9.83	21.58	51.73	-30.15	Average	NEUTRAL
5	0.45	20.84	9.77	0.10	9.83	40.54	56.93	-16.39	QP	NEUTRAL
6	0.45	-1.17	9.77	0.10	9.83	18.53	46.93	-28.40	Average	NEUTRAL
7	0.52	20.91	9.77	0.11	9.83	40.62	56.00	-15.38	QP	NEUTRAL
8	0.52	-0.91	9.77	0.11	9.83	18.80	46.00	-27.20	Average	NEUTRAL
9	0.85	8.41	9.75	0.07	9.84	28.07	56.00	-27.93	QP	NEUTRAL
10	0.85	-5.27	9.75	0.07	9.84	14.39	46.00	-31.61	Average	NEUTRAL
11	19.22	2.89	9.96	0.26	9.94	23.05	60.00	-36.95	QP	NEUTRAL
12	19.22	-14.50	9.96	0.26	9.94	5.66	50.00	-44.34	Average	NEUTRAL

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

Test Date : 2025-02-27

EUT : Multi-Channel Soundbar with wireless subwoofer

Power Supply : AC 120V/60Hz

Condition : Temp:20.1°C,Humi:49.3%

Memo :

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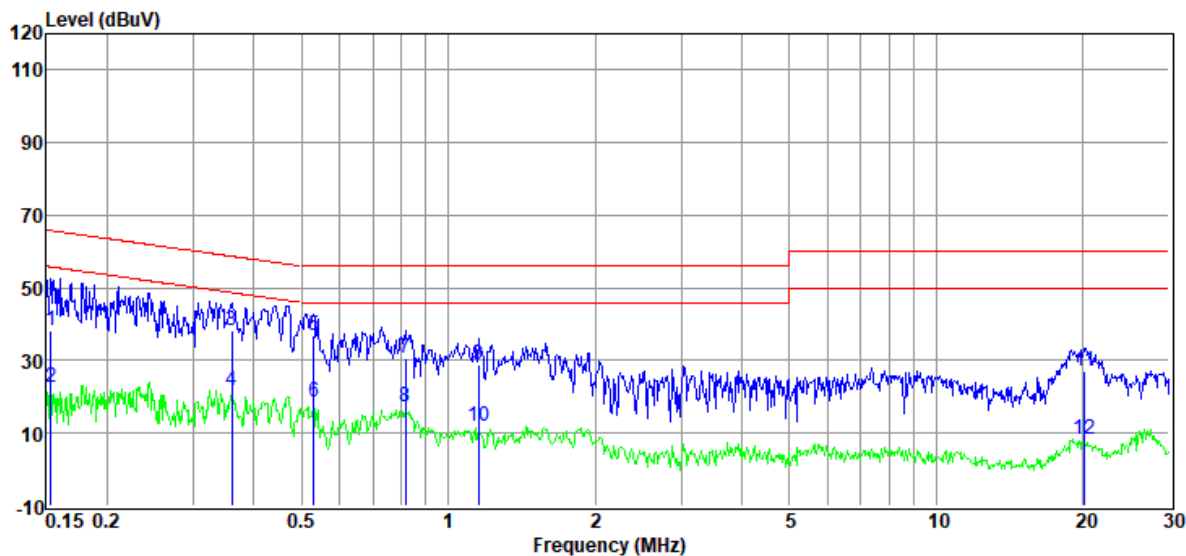
Tested By : Zhong Nan

Model Number : BAR 800MK2

Test Mode : 5G WIFI mode

LISN : 2024 ENV216 3#/LINE

Data: 20



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	18.39	9.78	0.07	9.83	38.07	65.82	-27.75	QP	LINE
2	0.15	2.73	9.78	0.07	9.83	22.41	55.82	-33.41	Average	LINE
3	0.36	18.49	9.76	0.08	9.83	38.16	58.74	-20.58	QP	LINE
4	0.36	2.22	9.76	0.08	9.83	21.89	48.74	-26.85	Average	LINE
5	0.53	17.22	9.75	0.10	9.83	36.90	56.00	-19.10	QP	LINE
6	0.53	-1.25	9.75	0.10	9.83	18.43	46.00	-27.57	Average	LINE
7	0.82	11.21	9.75	0.06	9.84	30.86	56.00	-25.14	QP	LINE
8	0.82	-2.42	9.75	0.06	9.84	17.23	46.00	-28.77	Average	LINE
9	1.15	9.03	9.74	0.12	9.84	28.73	56.00	-27.27	QP	LINE
10	1.15	-7.89	9.74	0.12	9.84	11.81	46.00	-34.19	Average	LINE
11	20.16	7.06	9.96	0.26	9.94	27.22	60.00	-32.78	QP	LINE
12	20.16	-11.93	9.96	0.26	9.94	8.23	50.00	-41.77	Average	LINE

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

17. Photos of the EUT

Please refer to DDT-Q24111416-2E appendix I

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