

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

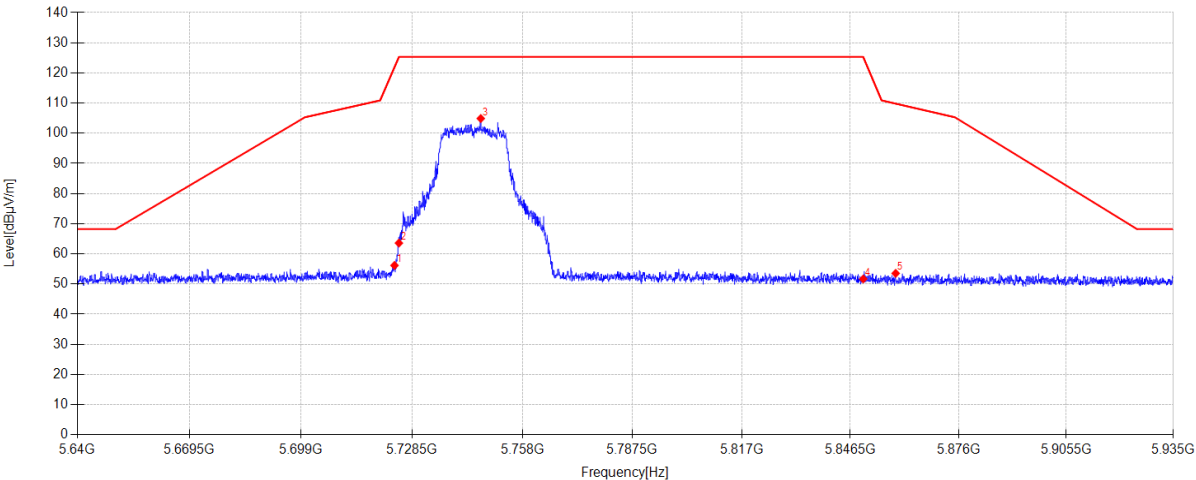
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.839	46.37	33.74	5.66	-29.60	56.17	121.96	65.79	PK	Vertical
2	5725.000	53.77	33.75	5.66	-29.60	63.58	125.30	61.72	PK	Vertical
3	5746.849	94.95	33.88	5.67	-29.60	104.90	125.30	20.40	PK	Vertical
4	5850.000	41.55	34.00	5.74	-29.60	51.69	125.30	73.61	PK	Vertical
5	5858.831	43.38	34.02	5.75	-29.60	53.55	109.83	56.28	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

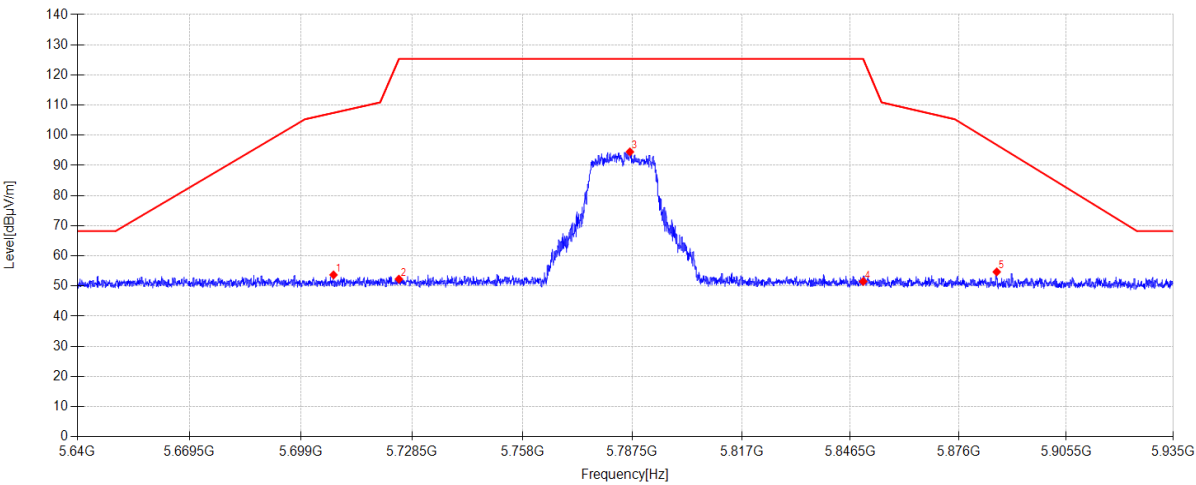
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.614	43.99	33.65	5.65	-29.60	53.69	107.43	53.74	PK	Horizontal
2	5725.000	42.48	33.75	5.66	-29.60	52.29	125.30	73.01	PK	Horizontal
3	5786.851	84.28	34.12	5.70	-29.60	94.50	125.30	30.80	PK	Horizontal
4	5850.000	41.37	34.00	5.74	-29.60	51.51	125.30	73.79	PK	Horizontal
5	5886.443	44.45	34.07	5.77	-29.60	54.69	96.81	42.12	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.

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Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

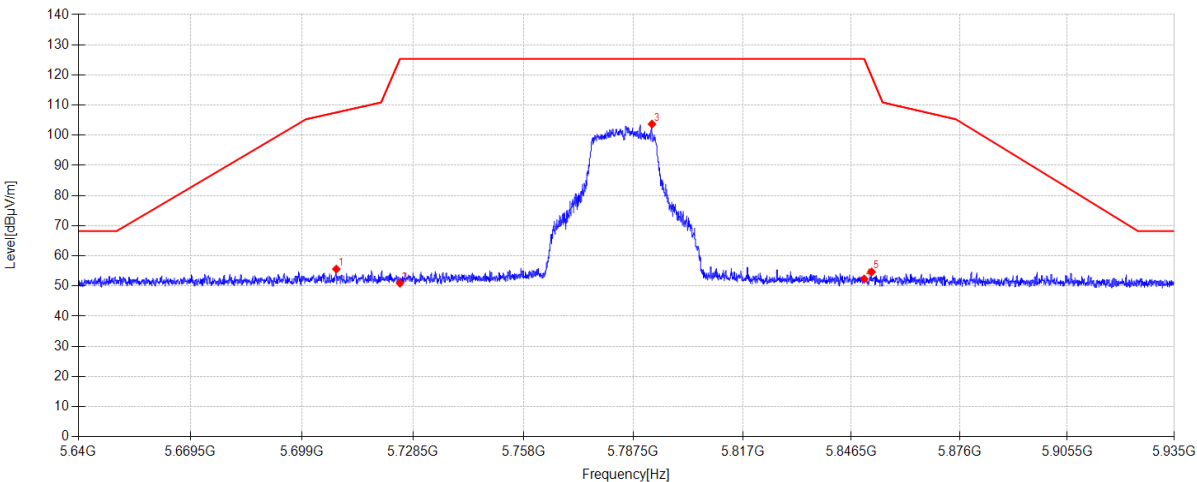
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5708.086	45.92	33.65	5.65	-29.60	55.62	107.56	51.94	PK	Vertical
2	5725.000	41.14	33.75	5.66	-29.60	50.95	125.30	74.35	PK	Vertical
3	5792.515	93.44	34.16	5.70	-29.60	103.70	125.30	21.60	PK	Vertical
4	5850.000	42.21	34.00	5.74	-29.60	52.35	125.30	72.95	PK	Vertical
5	5852.017	44.53	34.00	5.74	-29.60	54.67	119.49	64.82	PK	Vertical

Note:

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

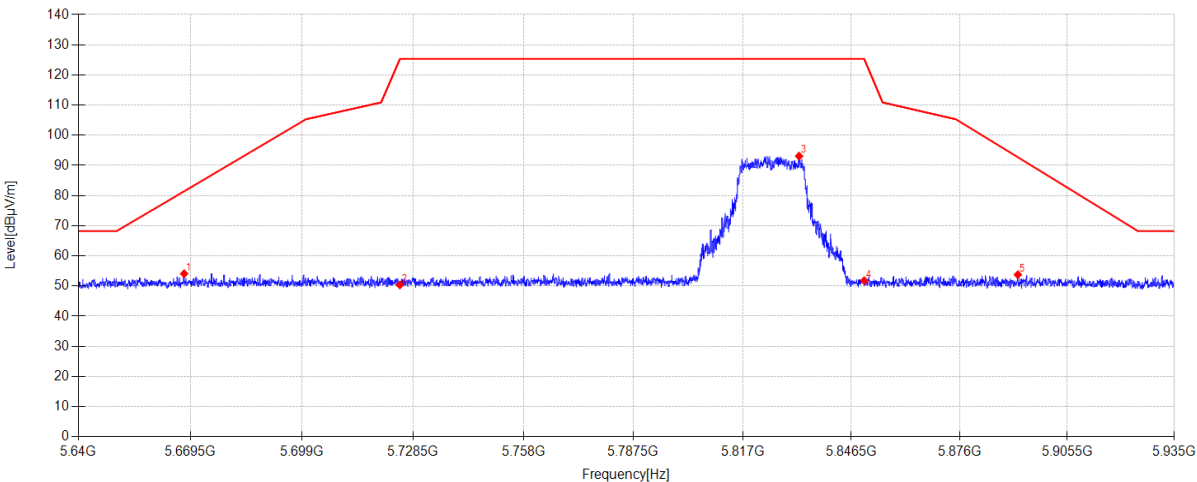
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5667.819	44.59	33.47	5.62	-29.60	54.08	81.42	27.34	PK	Horizontal
2	5725.000	40.55	33.75	5.66	-29.60	50.36	125.30	74.94	PK	Horizontal
3	5832.311	82.89	34.07	5.73	-29.60	93.09	125.30	32.21	PK	Horizontal
4	5850.000	41.63	34.00	5.74	-29.60	51.77	125.30	73.53	PK	Horizontal
5	5891.960	43.50	34.08	5.77	-29.60	53.75	92.72	38.97	PK	Horizontal

Note:

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

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

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Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

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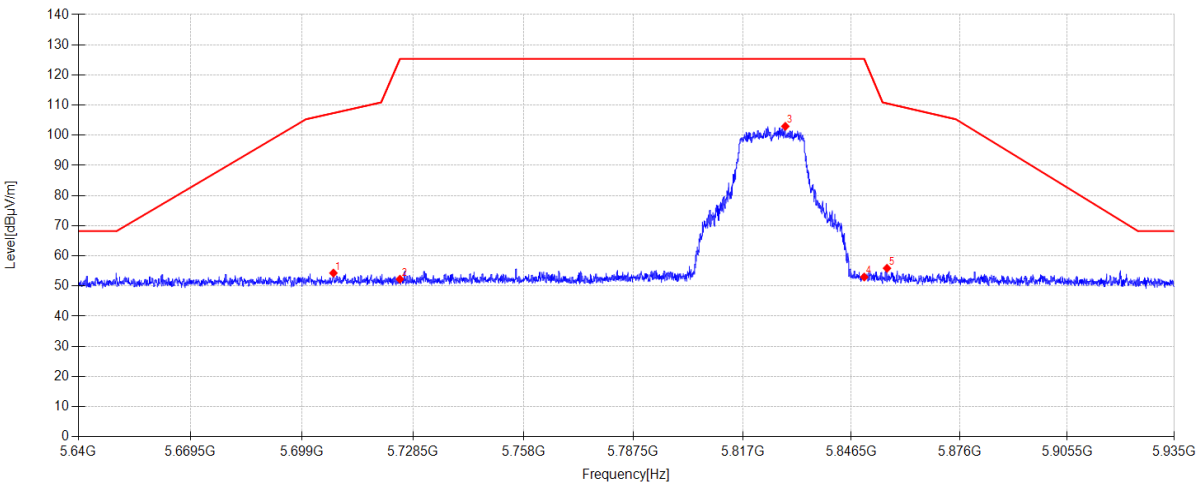
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Memo:

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	5707.319	44.61	33.64	5.65	-29.60	54.30	107.35	53.05	PK	Vertical
2	5725.000	42.46	33.75	5.66	-29.60	52.27	125.30	73.03	PK	Vertical
3	5828.564	92.74	34.09	5.73	-29.60	102.96	125.30	22.34	PK	Vertical
4	5850.000	42.84	34.00	5.74	-29.60	52.98	125.30	72.32	PK	Vertical
5	5856.206	45.73	34.01	5.75	-29.60	55.89	110.56	54.67	PK	Vertical

Note:

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Test Mode:

TX AC20 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

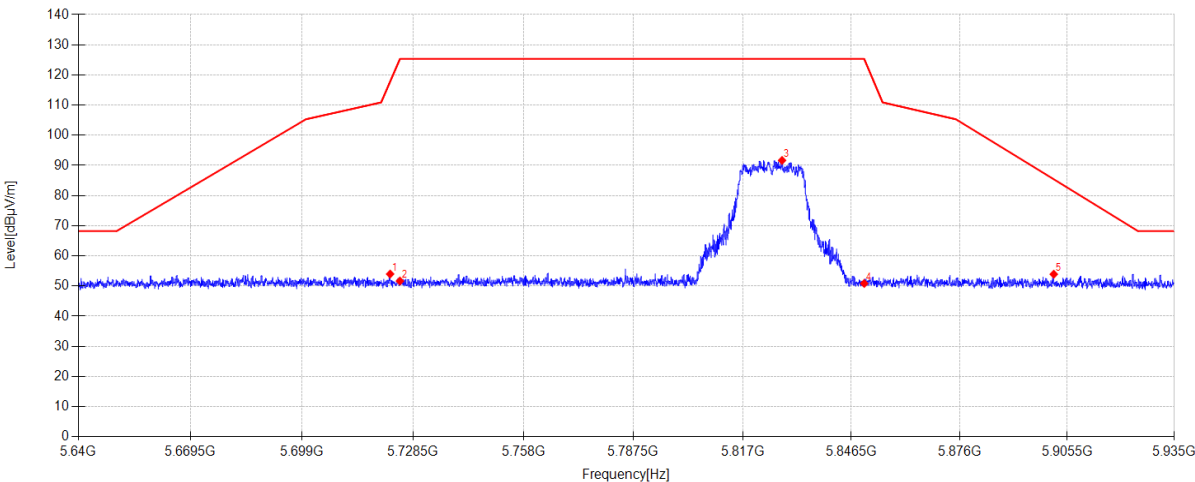
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.394	44.19	33.73	5.66	-29.60	53.98	117.79	63.81	PK	Horizontal
2	5725.000	41.85	33.75	5.66	-29.60	51.66	125.30	73.64	PK	Horizontal
3	5827.679	81.44	34.09	5.73	-29.60	91.66	125.30	33.64	PK	Horizontal
4	5850.000	40.71	34.00	5.74	-29.60	50.85	125.30	74.45	PK	Horizontal
5	5901.813	43.63	34.10	5.78	-29.60	53.91	85.41	31.50	PK	Horizontal

Note:

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

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

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Condition:

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DDT 3# Chamber

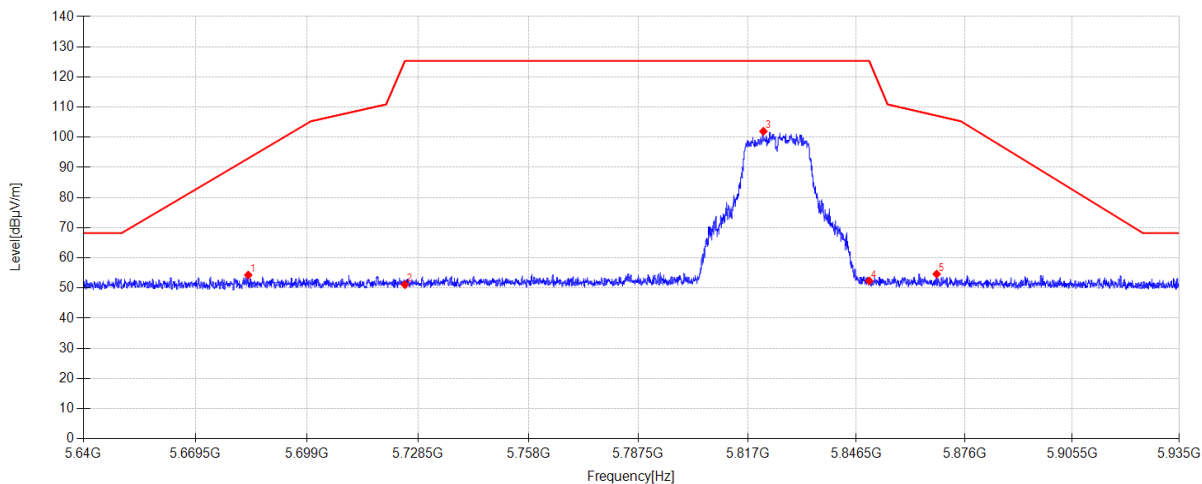
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Memo:

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	5683.424	44.75	33.53	5.63	-29.60	54.31	93.00	38.69	PK	Vertical
2	5725.000	41.31	33.75	5.66	-29.60	51.12	125.30	74.18	PK	Vertical
3	5821.278	91.74	34.11	5.72	-29.60	101.97	125.30	23.33	PK	Vertical
4	5850.000	42.22	34.00	5.74	-29.60	52.36	125.30	72.94	PK	Vertical
5	5868.389	44.44	34.04	5.75	-29.60	54.63	107.15	52.52	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC20 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

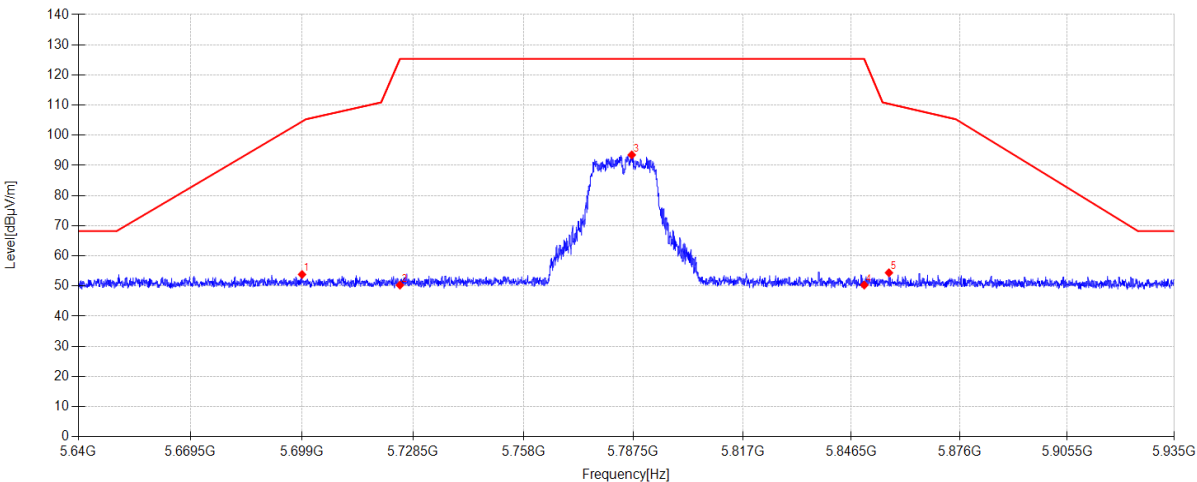
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5699.000	44.20	33.60	5.64	-29.60	53.84	104.56	50.72	PK	Horizontal
2	5725.000	40.50	33.75	5.66	-29.60	50.31	125.30	74.99	PK	Horizontal
3	5787.087	83.26	34.12	5.70	-29.60	93.48	125.30	31.82	PK	Horizontal
4	5850.000	40.19	34.00	5.74	-29.60	50.33	125.30	74.97	PK	Horizontal
5	5856.737	44.24	34.01	5.75	-29.60	54.40	110.41	56.01	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

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2025-01-10

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BAR 1000MK2

Test Mode:

TX AC20 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

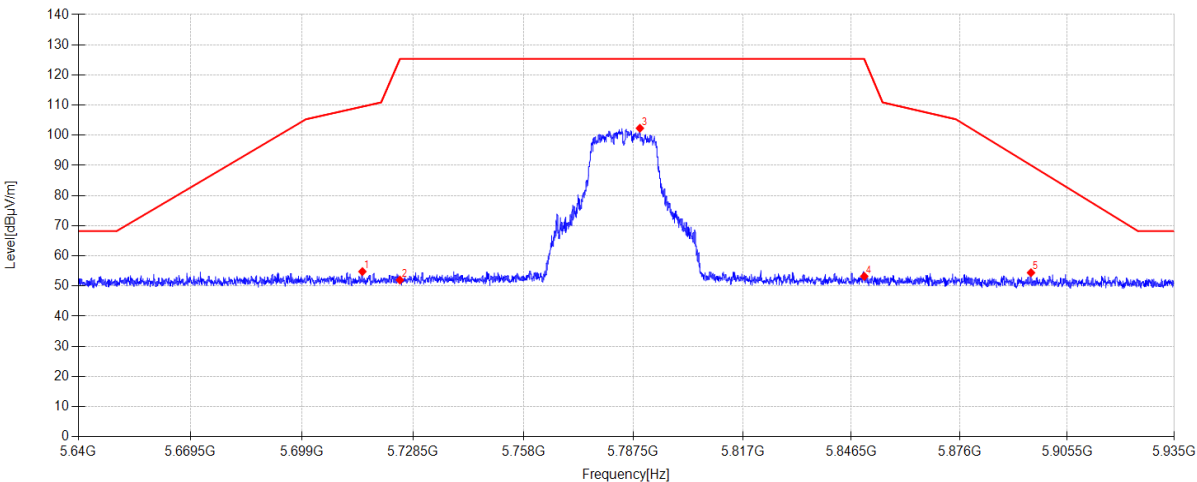
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5715.019	45.06	33.69	5.65	-29.60	54.80	109.51	54.71	PK	Vertical
2	5725.000	42.17	33.75	5.66	-29.60	51.98	125.30	73.32	PK	Vertical
3	5789.270	92.09	34.14	5.70	-29.60	102.33	125.30	22.97	PK	Vertical
4	5850.000	43.07	34.00	5.74	-29.60	53.21	125.30	72.09	PK	Vertical
5	5895.559	44.16	34.09	5.77	-29.60	54.42	90.05	35.63	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.

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2025-01-10

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Model Number:

BAR 1000MK2

Test Mode:

TX AC20 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

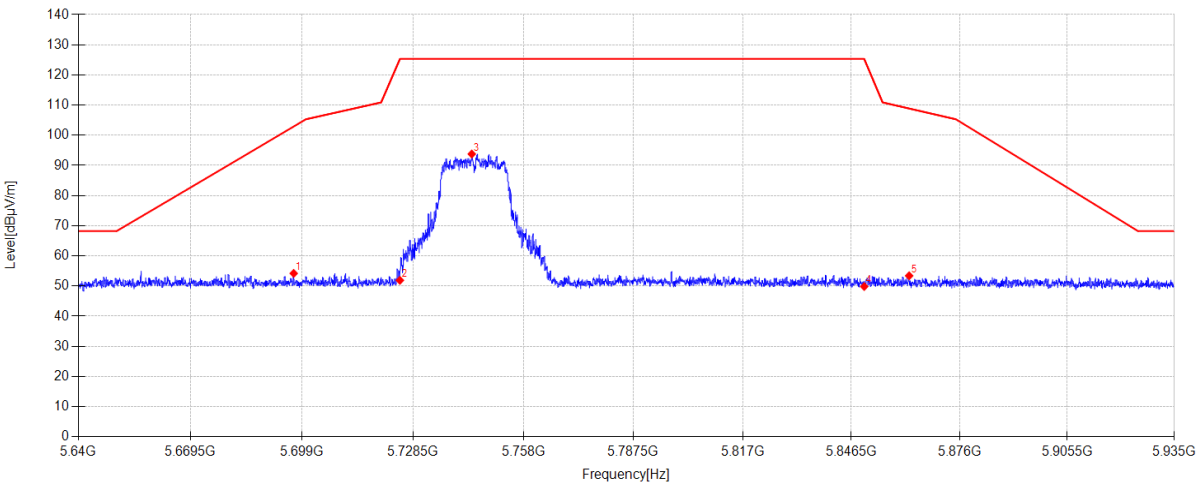
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5696.788	44.56	33.59	5.64	-29.60	54.19	102.92	48.73	PK	Horizontal
2	5725.000	42.08	33.75	5.66	-29.60	51.89	125.30	73.41	PK	Horizontal
3	5744.165	83.86	33.86	5.67	-29.60	93.79	125.30	31.51	PK	Horizontal
4	5850.000	39.70	34.00	5.74	-29.60	49.84	125.30	75.46	PK	Horizontal
5	5862.224	43.23	34.02	5.75	-29.60	53.40	108.88	55.48	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.

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2025-01-10

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TX AC20 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

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DDT 3# Chamber

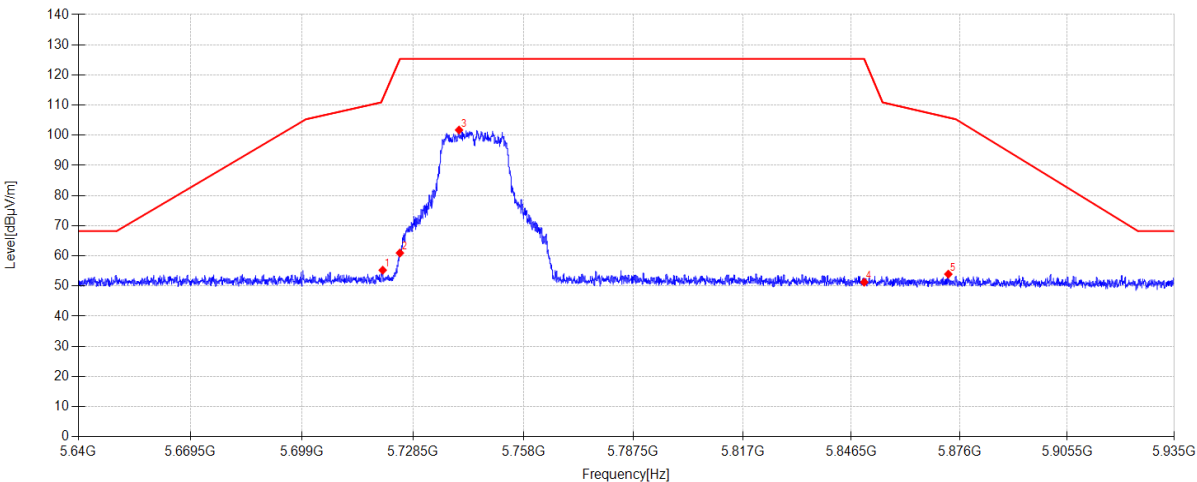
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5720.417	45.48	33.72	5.66	-29.60	55.26	112.10	56.84	PK	Vertical
2	5725.000	51.15	33.75	5.66	-29.60	60.96	125.30	64.34	PK	Vertical
3	5740.772	91.82	33.84	5.67	-29.60	101.73	125.30	23.57	PK	Vertical
4	5850.000	41.12	34.00	5.74	-29.60	51.26	125.30	74.04	PK	Vertical
5	5872.932	43.73	34.05	5.76	-29.60	53.94	105.88	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

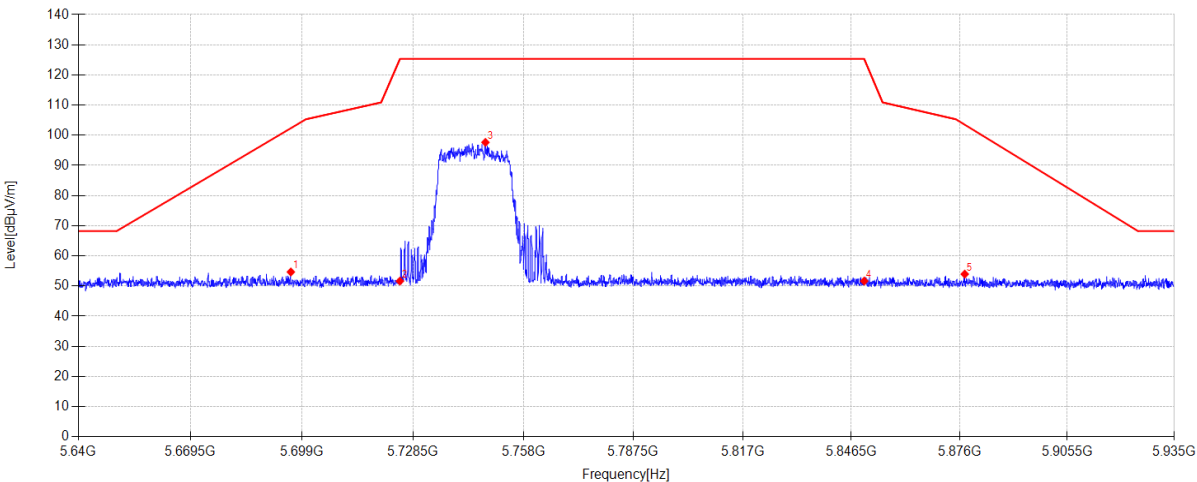
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Memo:

Power Setting: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	5696.021	45.04	33.58	5.64	-29.60	54.66	102.35	47.69	PK	Horizontal
2	5725.000	41.82	33.75	5.66	-29.60	51.63	125.30	73.67	PK	Horizontal
3	5747.823	87.68	33.89	5.67	-29.60	97.64	125.30	27.66	PK	Horizontal
4	5850.000	41.51	34.00	5.74	-29.60	51.65	125.30	73.65	PK	Horizontal
5	5877.416	43.75	34.05	5.76	-29.60	53.96	103.51	49.55	PK	Horizontal

Note:

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

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Tested By:

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EUT:

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Model Number:

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Test Mode:

TX AX20 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

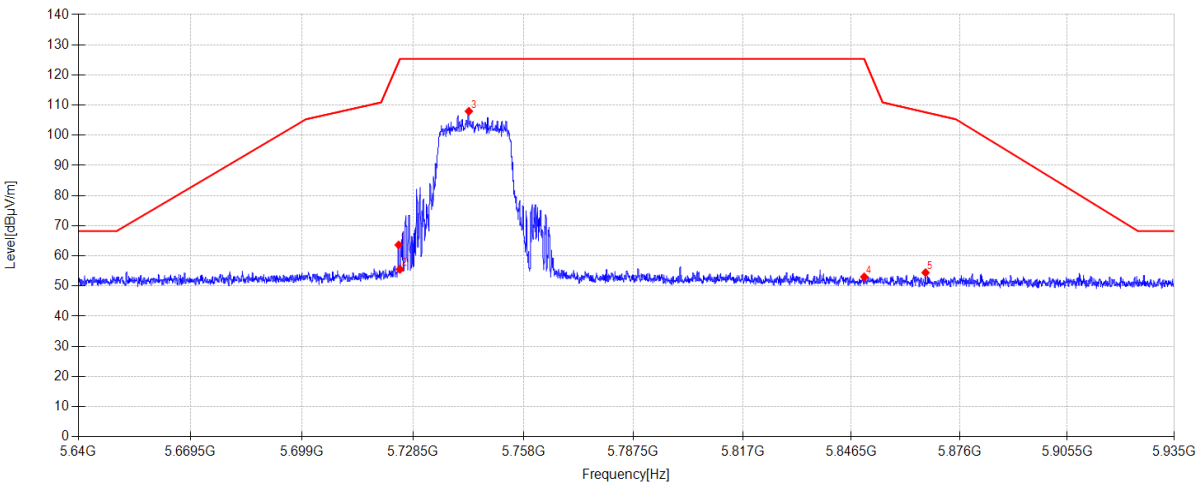
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Memo:

Power Setting: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	5724.665	53.82	33.75	5.66	-29.60	63.63	124.34	60.71	PK	Vertical
2	5725.000	45.72	33.75	5.66	-29.60	55.53	125.30	69.77	PK	Vertical
3	5743.398	98.03	33.86	5.67	-29.60	107.96	125.30	17.34	PK	Vertical
4	5850.000	42.89	34.00	5.74	-29.60	53.03	125.30	72.27	PK	Vertical
5	5866.708	44.26	34.03	5.75	-29.60	54.44	107.62	53.18	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

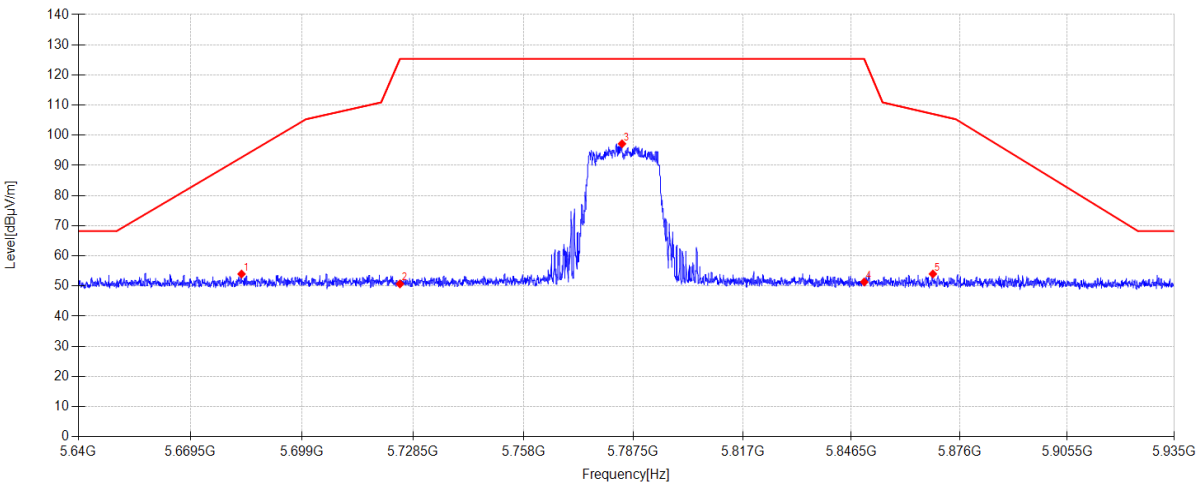
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Memo:

Power Setting: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	5682.982	44.43	33.53	5.63	-29.60	53.99	92.67	38.68	PK	Horizontal
2	5725.000	40.89	33.75	5.66	-29.60	50.70	125.30	74.60	PK	Horizontal
3	5784.462	86.97	34.11	5.70	-29.60	97.18	125.30	28.12	PK	Horizontal
4	5850.000	41.21	34.00	5.74	-29.60	51.35	125.30	73.95	PK	Horizontal
5	5868.714	43.81	34.04	5.75	-29.60	54.00	107.06	53.06	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

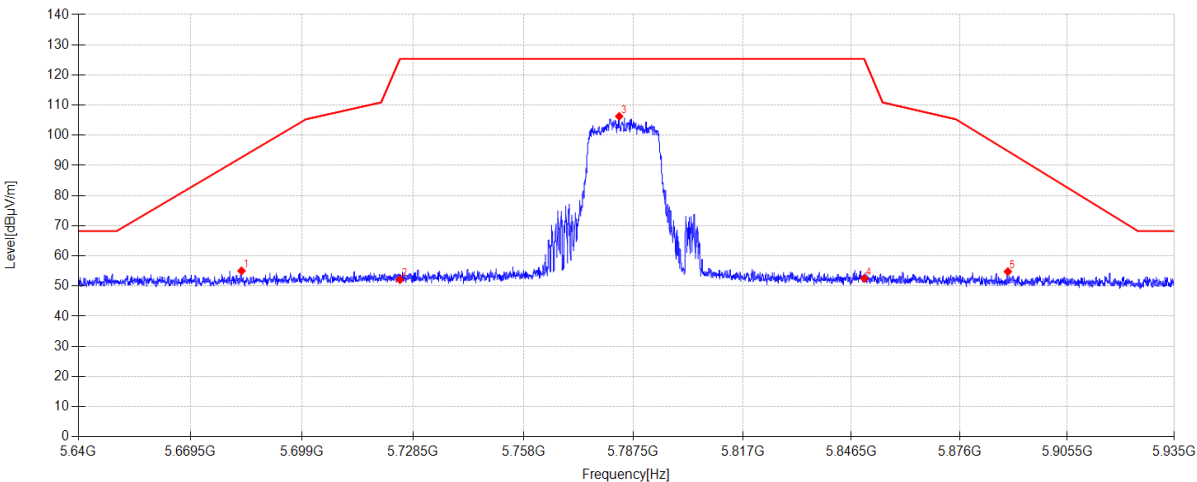
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Memo:

Power Setting: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	5682.982	45.48	33.53	5.63	-29.60	55.04	92.67	37.63	PK	Vertical
2	5725.000	42.31	33.75	5.66	-29.60	52.12	125.30	73.18	PK	Vertical
3	5783.695	96.09	34.10	5.70	-29.60	106.29	125.30	19.01	PK	Vertical
4	5850.000	42.39	34.00	5.74	-29.60	52.53	125.30	72.77	PK	Vertical
5	5889.216	44.53	34.08	5.77	-29.60	54.78	94.75	39.97	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

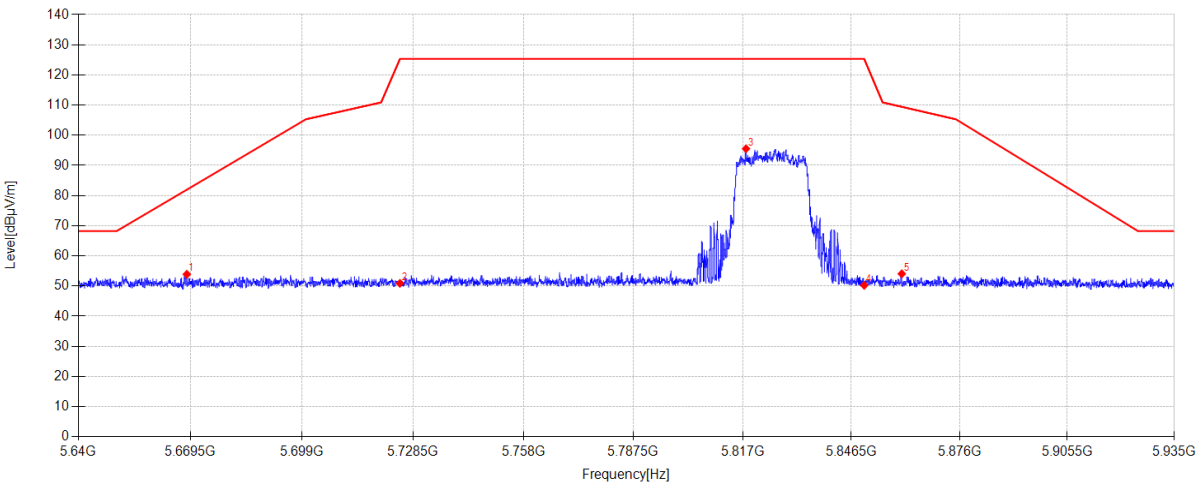
File Path:

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Memo:

Power Setting: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	5668.527	44.40	33.47	5.62	-29.60	53.89	81.95	28.06	PK	Horizontal
2	5725.000	41.08	33.75	5.66	-29.60	50.89	125.30	74.41	PK	Horizontal
3	5817.915	85.29	34.13	5.72	-29.60	95.54	125.30	29.76	PK	Horizontal
4	5850.000	40.10	34.00	5.74	-29.60	50.24	125.30	75.06	PK	Horizontal
5	5860.218	43.89	34.02	5.75	-29.60	54.06	109.44	55.38	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

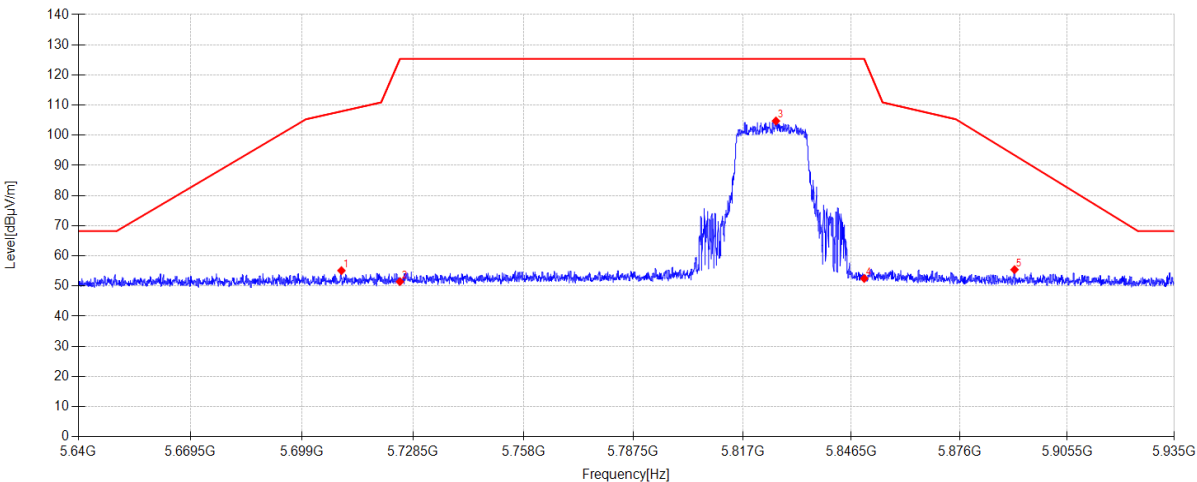
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Memo:

Power Setting: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	5709.443	45.40	33.66	5.65	-29.60	55.11	107.94	52.83	PK	Vertical
2	5725.000	41.64	33.75	5.66	-29.60	51.45	125.30	73.85	PK	Vertical
3	5826.027	94.51	34.10	5.73	-29.60	104.74	125.30	20.56	PK	Vertical
4	5850.000	42.36	34.00	5.74	-29.60	52.50	125.30	72.80	PK	Vertical
5	5891.045	45.18	34.08	5.77	-29.60	55.43	93.39	37.96	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N40 5755MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

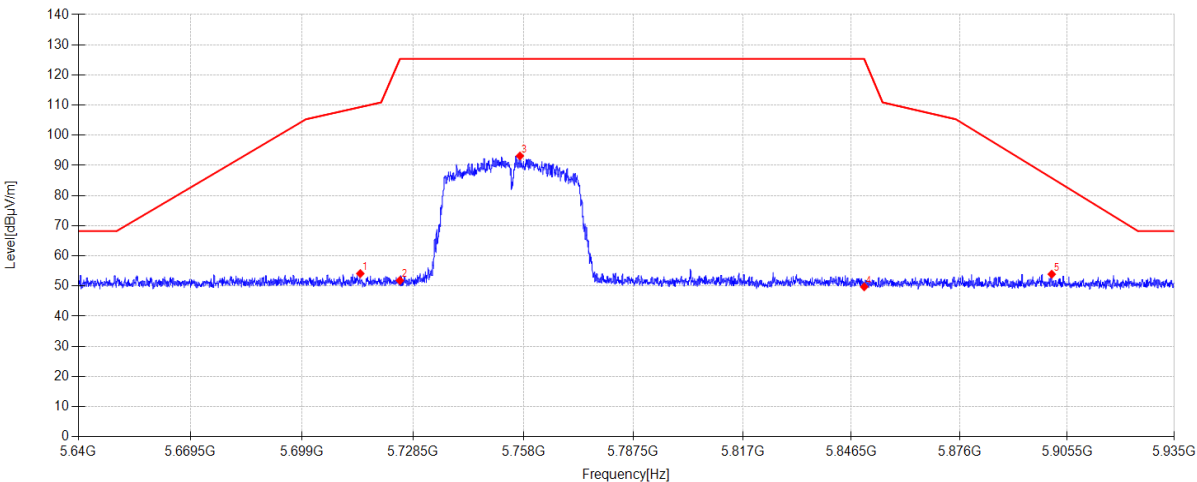
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5714.458	44.39	33.69	5.65	-29.60	54.13	109.35	55.22	PK	Horizontal
2	5725.000	42.02	33.75	5.66	-29.60	51.83	125.30	73.47	PK	Horizontal
3	5757.056	83.13	33.94	5.68	-29.60	93.15	125.30	32.15	PK	Horizontal
4	5850.000	39.59	34.00	5.74	-29.60	49.73	125.30	75.57	PK	Horizontal
5	5901.252	43.66	34.10	5.77	-29.60	53.93	85.82	31.89	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N40 5755MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

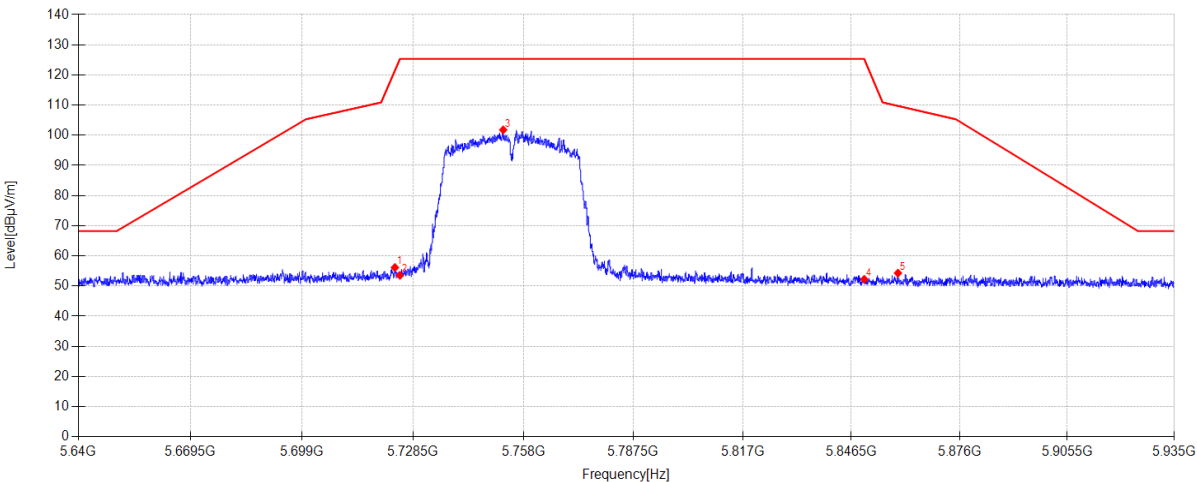
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.662	46.34	33.74	5.66	-29.60	56.14	121.45	65.31	PK	Vertical
2	5725.000	43.73	33.75	5.66	-29.60	53.54	125.30	71.76	PK	Vertical
3	5752.572	91.79	33.92	5.68	-29.60	101.79	125.30	23.51	PK	Vertical
4	5850.000	42.07	34.00	5.74	-29.60	52.21	125.30	73.09	PK	Vertical
5	5859.185	44.12	34.02	5.75	-29.60	54.29	109.73	55.44	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N40 5795MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

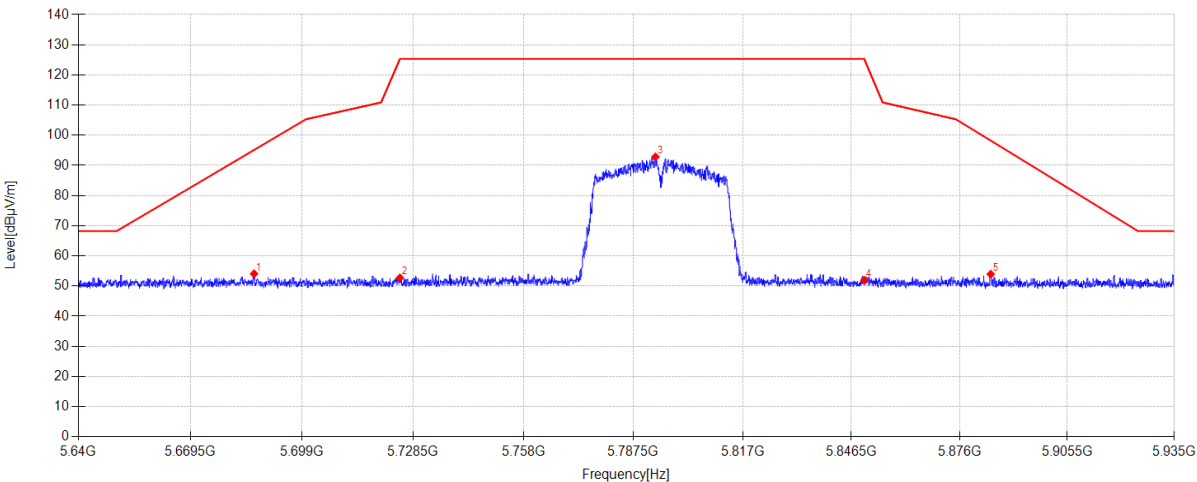
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5686.286	44.48	33.55	5.63	-29.60	54.06	95.12	41.06	PK	Horizontal
2	5725.000	42.89	33.75	5.66	-29.60	52.70	125.30	72.60	PK	Horizontal
3	5793.459	82.58	34.16	5.70	-29.60	92.84	125.30	32.46	PK	Horizontal
4	5850.000	41.76	34.00	5.74	-29.60	51.90	125.30	73.40	PK	Horizontal
5	5884.526	43.71	34.07	5.76	-29.60	53.94	98.23	44.29	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N40 5795MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

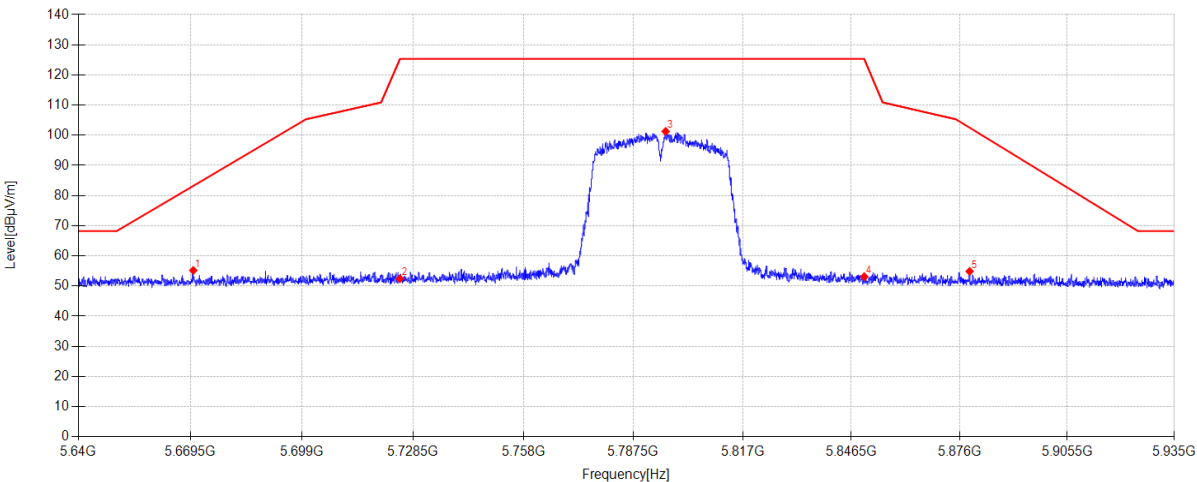
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5670.238	45.69	33.48	5.62	-29.60	55.19	83.22	28.03	PK	Vertical
2	5725.000	42.60	33.75	5.66	-29.60	52.41	125.30	72.89	PK	Vertical
3	5796.203	90.99	34.18	5.71	-29.60	101.28	125.30	24.02	PK	Vertical
4	5850.000	42.96	34.00	5.74	-29.60	53.10	125.30	72.20	PK	Vertical
5	5878.744	44.65	34.06	5.76	-29.60	54.87	102.52	47.65	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC40 5795MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

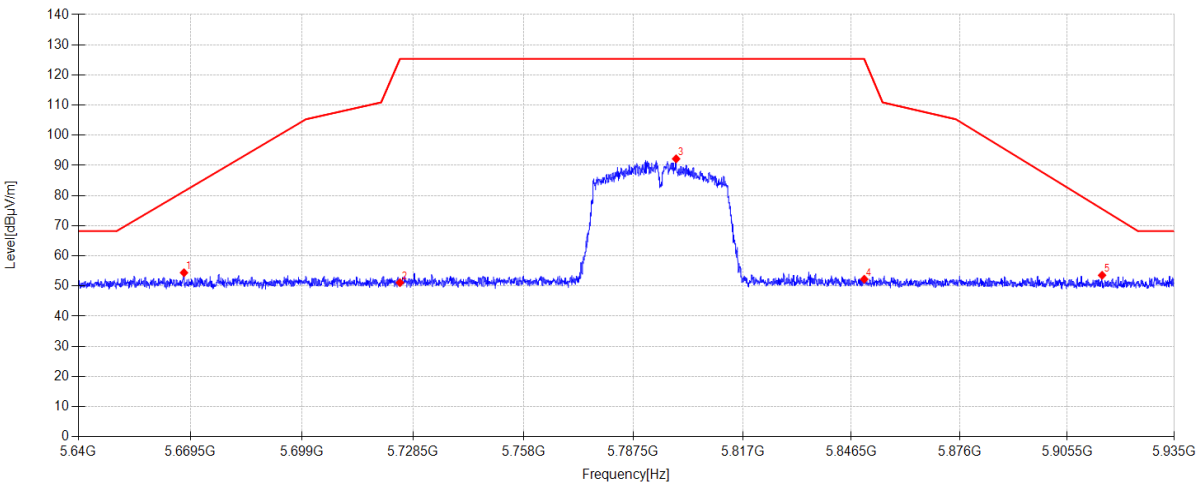
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5667.789	44.93	33.47	5.62	-29.60	54.42	81.40	26.98	PK	Horizontal
2	5725.000	41.32	33.75	5.66	-29.60	51.13	125.30	74.17	PK	Horizontal
3	5799.035	81.89	34.19	5.71	-29.60	92.19	125.30	33.11	PK	Horizontal
4	5850.000	42.12	34.00	5.74	-29.60	52.26	125.30	73.04	PK	Horizontal
5	5915.088	43.26	34.13	5.78	-29.60	53.57	75.56	21.99	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC40 5795MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

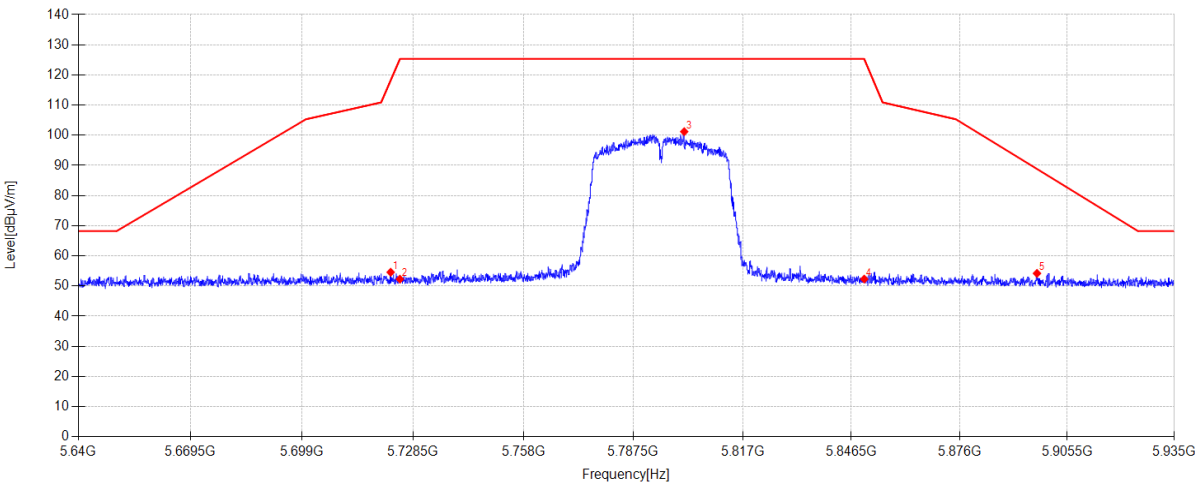
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.541	44.77	33.74	5.66	-29.60	54.57	118.22	63.65	PK	Vertical
2	5725.000	42.48	33.75	5.66	-29.60	52.29	125.30	73.01	PK	Vertical
3	5801.218	90.89	34.20	5.71	-29.60	101.20	125.30	24.10	PK	Vertical
4	5850.000	42.17	34.00	5.74	-29.60	52.31	125.30	72.99	PK	Vertical
5	5897.211	43.94	34.09	5.77	-29.60	54.20	88.82	34.62	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC40 5755MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

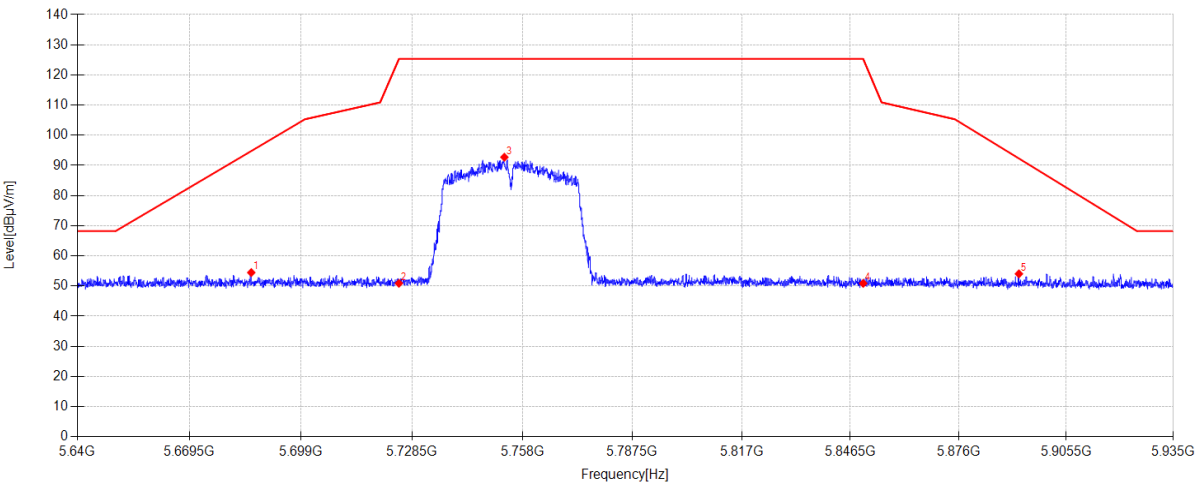
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5685.814	44.89	33.54	5.63	-29.60	54.46	94.77	40.31	PK	Horizontal
2	5725.000	41.08	33.75	5.66	-29.60	50.89	125.30	74.41	PK	Horizontal
3	5753.162	82.72	33.92	5.68	-29.60	92.72	125.30	32.58	PK	Horizontal
4	5850.000	40.74	34.00	5.74	-29.60	50.88	125.30	74.42	PK	Horizontal
5	5892.520	43.78	34.09	5.77	-29.60	54.04	92.30	38.26	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC40 5755MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

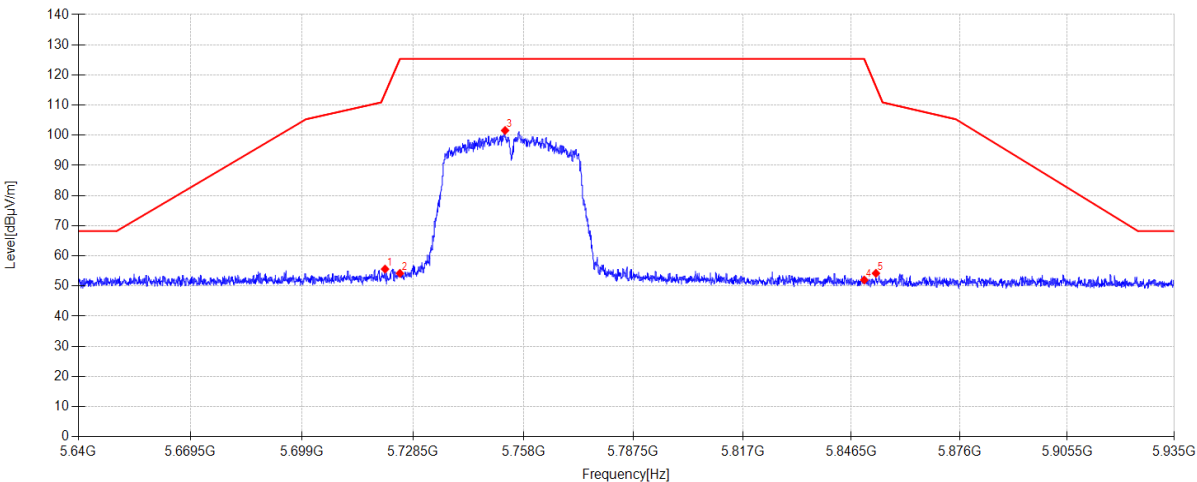
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Memo:

Power Setting:11

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5721.037	45.83	33.73	5.66	-29.60	55.62	113.89	58.27	PK	Vertical
2	5725.000	44.40	33.75	5.66	-29.60	54.21	125.30	71.09	PK	Vertical
3	5753.074	91.58	33.92	5.68	-29.60	101.58	125.30	23.72	PK	Vertical
4	5850.000	41.85	34.00	5.74	-29.60	51.99	125.30	73.31	PK	Vertical
5	5853.197	44.07	34.01	5.74	-29.60	54.22	116.09	61.87	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX40 5755MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

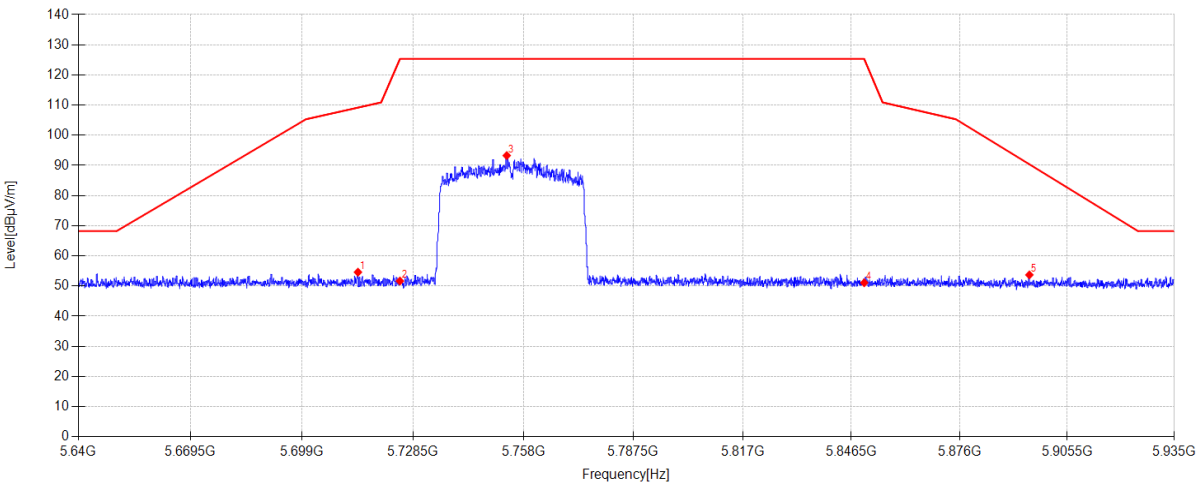
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5713.839	44.86	33.68	5.65	-29.60	54.59	109.17	54.58	PK	Horizontal
2	5725.000	41.85	33.75	5.66	-29.60	51.66	125.30	73.64	PK	Horizontal
3	5753.516	83.27	33.92	5.68	-29.60	93.27	125.30	32.03	PK	Horizontal
4	5850.000	40.95	34.00	5.74	-29.60	51.09	125.30	74.21	PK	Horizontal
5	5895.116	43.43	34.09	5.77	-29.60	53.69	90.37	36.68	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX40 5755MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

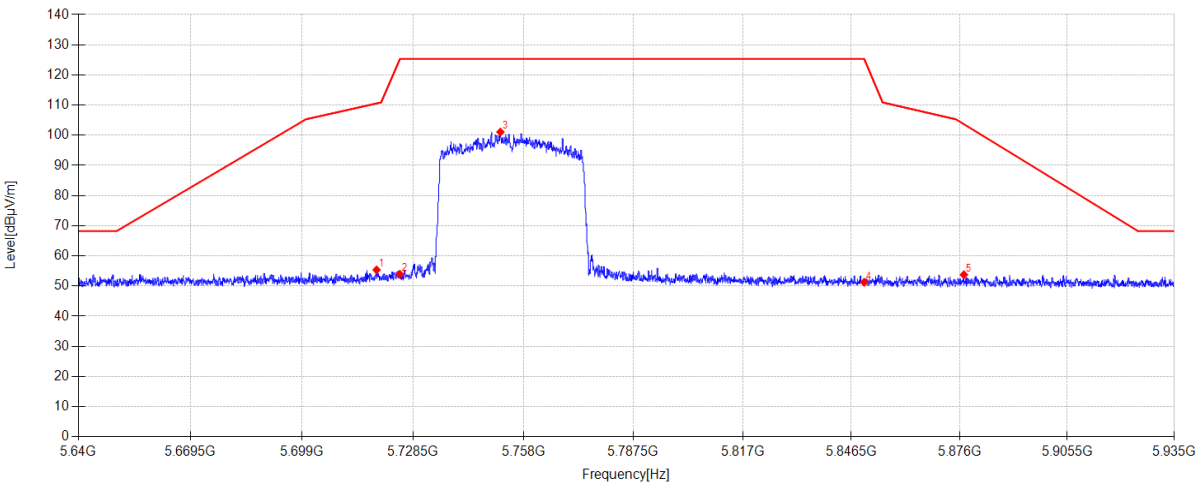
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5718.795	45.59	33.71	5.65	-29.60	55.35	110.56	55.21	PK	Vertical
2	5725.000	44.08	33.75	5.66	-29.60	53.89	125.30	71.41	PK	Vertical
3	5751.835	91.08	33.91	5.68	-29.60	101.07	125.30	24.23	PK	Vertical
4	5850.000	41.10	34.00	5.74	-29.60	51.24	125.30	74.06	PK	Vertical
5	5877.180	43.53	34.05	5.76	-29.60	53.74	103.68	49.94	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX40 5795MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

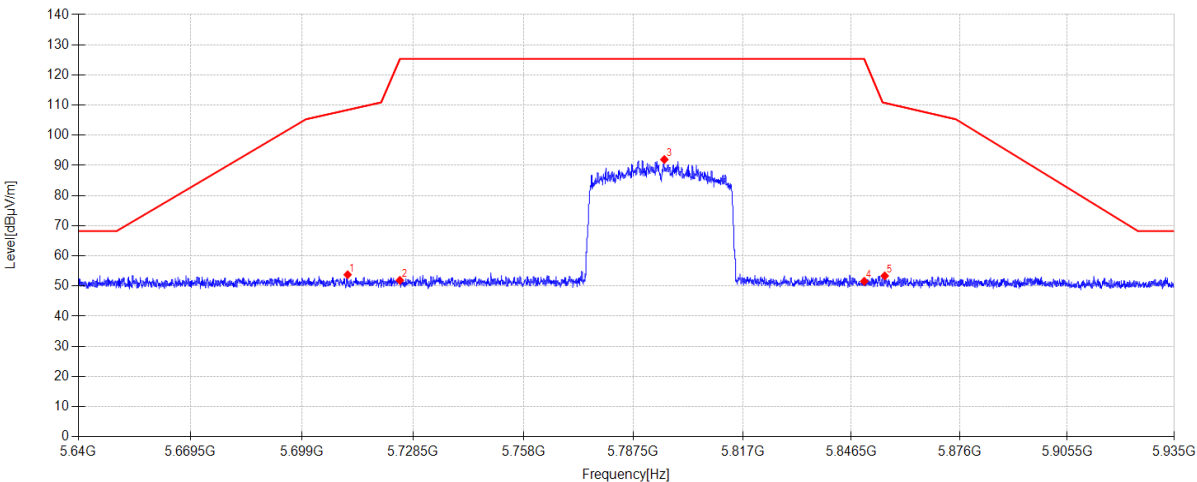
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.095	44.04	33.67	5.65	-29.60	53.76	108.41	54.65	PK	Horizontal
2	5725.000	42.08	33.75	5.66	-29.60	51.89	125.30	73.41	PK	Horizontal
3	5795.849	81.66	34.18	5.71	-29.60	91.95	125.30	33.35	PK	Horizontal
4	5850.000	41.43	34.00	5.74	-29.60	51.57	125.30	73.73	PK	Horizontal
5	5855.586	43.22	34.01	5.74	-29.60	53.37	110.74	57.37	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX40 5795MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

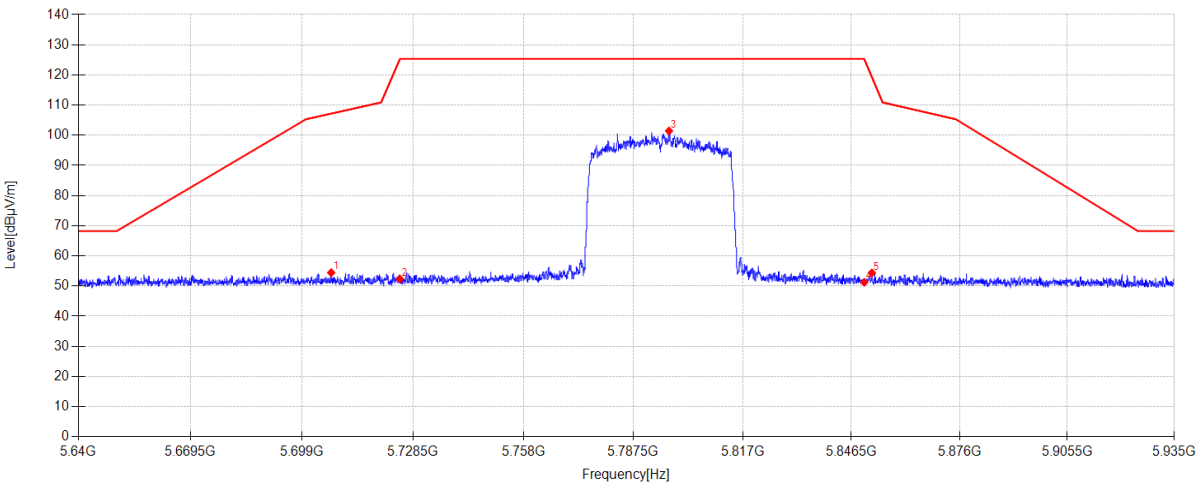
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5706.729	44.74	33.64	5.65	-29.60	54.43	107.18	52.75	PK	Vertical
2	5725.000	42.52	33.75	5.66	-29.60	52.33	125.30	72.97	PK	Vertical
3	5797.117	91.15	34.18	5.71	-29.60	101.44	125.30	23.86	PK	Vertical
4	5850.000	41.11	34.00	5.74	-29.60	51.25	125.30	74.05	PK	Vertical
5	5852.076	44.20	34.00	5.74	-29.60	54.34	119.32	64.98	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX80 5775MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

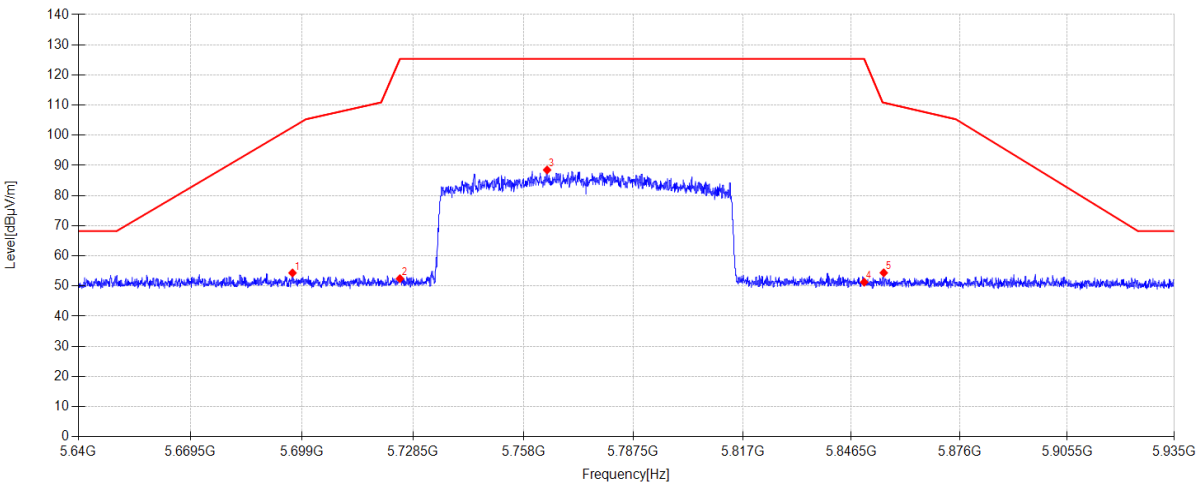
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5696.463	44.71	33.59	5.64	-29.60	54.34	102.68	48.34	PK	Horizontal
2	5725.000	42.64	33.75	5.66	-29.60	52.45	125.30	72.85	PK	Horizontal
3	5764.343	78.42	33.99	5.68	-29.60	88.49	125.30	36.81	PK	Horizontal
4	5850.000	41.13	34.00	5.74	-29.60	51.27	125.30	74.03	PK	Horizontal
5	5855.321	44.23	34.01	5.74	-29.60	54.38	110.81	56.43	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX80 5775MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

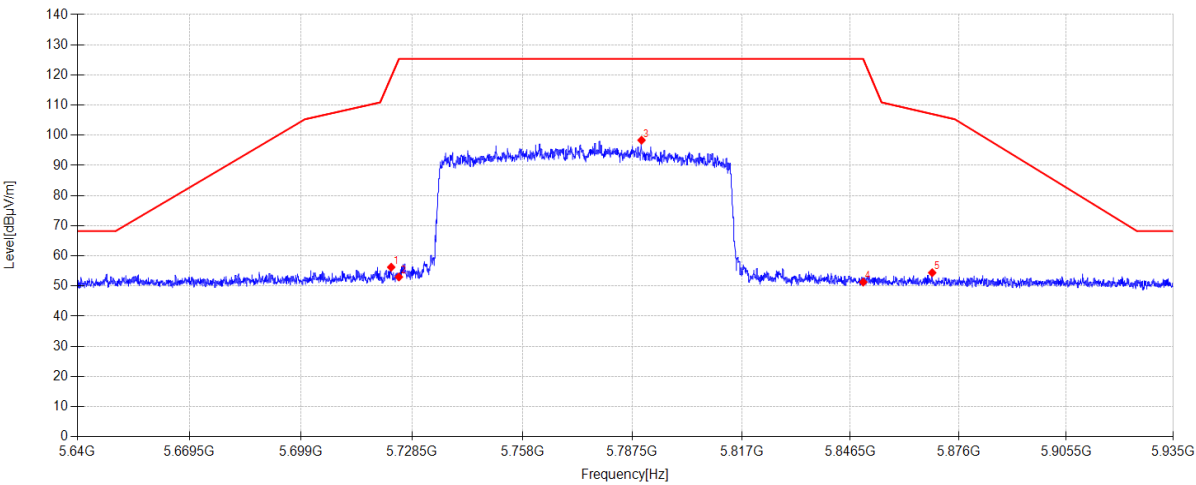
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.954	46.44	33.74	5.66	-29.60	56.24	119.41	63.17	PK	Vertical
2	5725.000	43.19	33.75	5.66	-29.60	53.00	125.30	72.30	PK	Vertical
3	5789.978	88.13	34.14	5.70	-29.60	98.37	125.30	26.93	PK	Vertical
4	5850.000	41.16	34.00	5.74	-29.60	51.30	125.30	74.00	PK	Vertical
5	5868.802	44.23	34.04	5.75	-29.60	54.42	107.04	52.62	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC80 5775MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

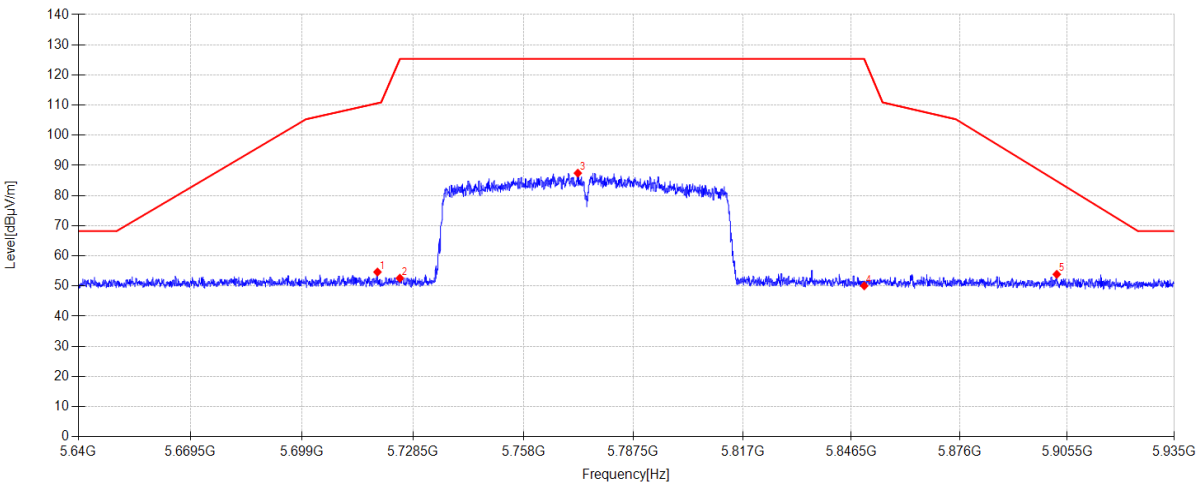
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.031	44.88	33.71	5.65	-29.60	54.64	110.63	55.99	PK	Horizontal
2	5725.000	42.79	33.75	5.66	-29.60	52.60	125.30	72.70	PK	Horizontal
3	5772.573	77.32	34.04	5.69	-29.60	87.45	125.30	37.85	PK	Horizontal
4	5850.000	39.93	34.00	5.74	-29.60	50.07	125.30	75.23	PK	Horizontal
5	5902.639	43.59	34.11	5.78	-29.60	53.88	84.79	30.91	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC80 5775MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

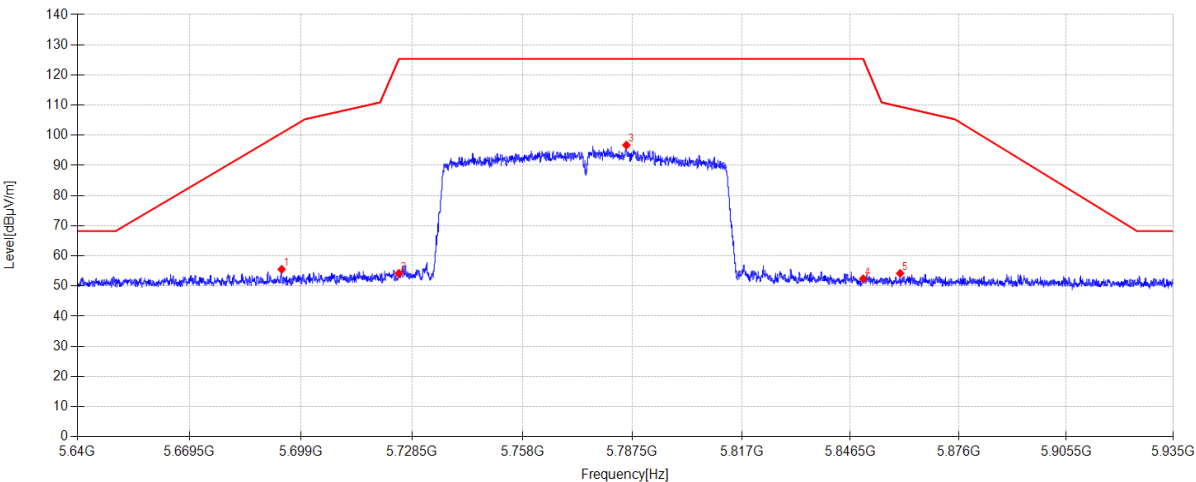
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Memo:

Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5693.867	45.91	33.58	5.64	-29.60	55.53	100.75	45.22	PK	Vertical
2	5725.000	44.39	33.75	5.66	-29.60	54.20	125.30	71.10	PK	Vertical
3	5785.907	86.51	34.12	5.70	-29.60	96.73	125.30	28.57	PK	Vertical
4	5850.000	42.26	34.00	5.74	-29.60	52.40	125.30	72.90	PK	Vertical
5	5860.070	44.03	34.02	5.75	-29.60	54.20	109.48	55.28	PK	Vertical

Note:

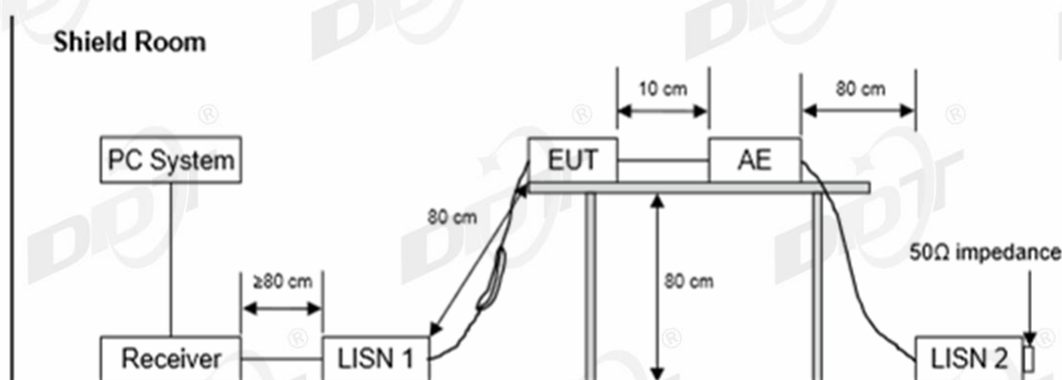
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15.Power Line Conducted Emissions

15.1. Test equipment

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

15.2. Block diagram of test setup



15.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

15.4. Assistant equipment used for test

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

15.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

15.6. Test result

PASS. (See below detailed test result)

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

Note2: "----" means Peak detection; "----" means Average detection.

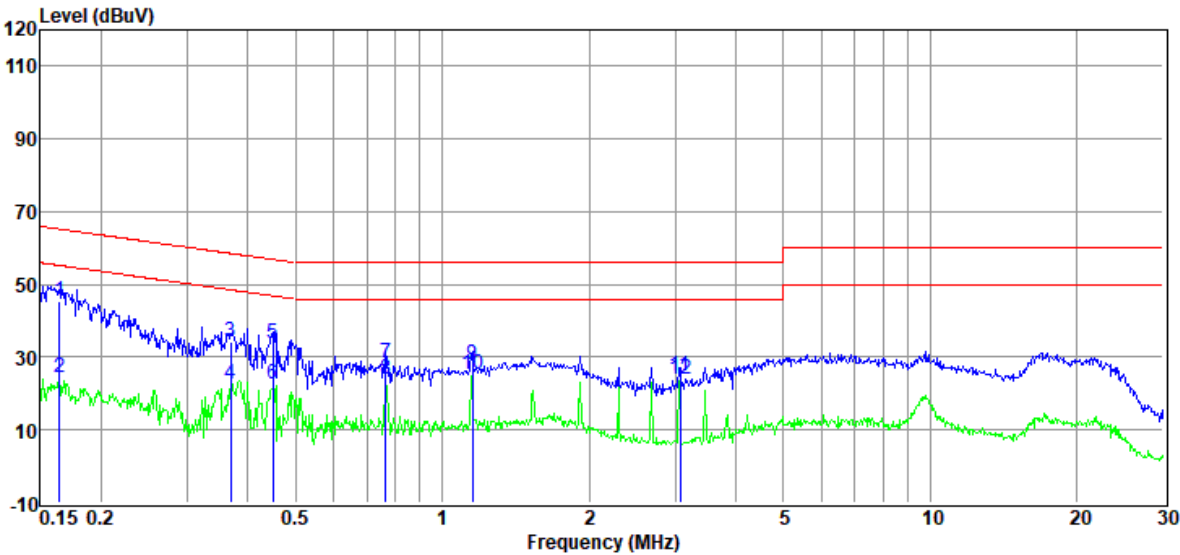
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site	: DDT 6# Shield Room	D:\2024 Report Date\Q24111522-2E\250108 CE.EM6
Test Date	: 2025-01-08	Tested By : Gen liu
EUT	: Multi-Channel Soundbar with wireless subwoofer	Model Number : BAR 1000MK2
Power Supply	: AC 120V/60Hz	Test Mode : 5G WiFi Mode
Condition	: Temp:21.9°C,Humi:52.5%	LISN : 2024 ENV216 3#/NEUTRAL
Memo		

Data: 30



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV)	(dBuV)	(dB)		
1	0.16	25.77	9.77	0.07	9.83	45.44	65.25	-19.81	QP	NEUTRAL
2	0.16	4.77	9.77	0.07	9.83	24.44	55.25	-30.81	Average	NEUTRAL
3	0.37	14.48	9.76	0.08	9.83	34.15	58.52	-24.37	QP	NEUTRAL
4	0.37	2.96	9.76	0.08	9.83	22.63	48.52	-25.89	Average	NEUTRAL
5	0.45	14.29	9.77	0.10	9.83	33.99	56.89	-22.90	QP	NEUTRAL
6	0.45	2.78	9.77	0.10	9.83	22.48	46.89	-24.41	Average	NEUTRAL
7	0.77	8.90	9.75	0.06	9.84	28.55	56.00	-27.45	QP	NEUTRAL
8	0.77	4.36	9.75	0.06	9.84	24.01	46.00	-21.99	Average	NEUTRAL
9	1.15	8.19	9.76	0.12	9.84	27.91	56.00	-28.09	QP	NEUTRAL
10	1.15	5.37	9.76	0.12	9.84	25.09	46.00	-20.91	Average	NEUTRAL
11	3.07	5.31	9.78	0.11	9.84	25.04	56.00	-30.96	QP	NEUTRAL
12	3.07	4.06	9.78	0.11	9.84	23.79	46.00	-22.21	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 : 2025-01-08

EUT : Multi-Channel Soundbar with wireless sub

Power Supply : AC 120V/60Hz

Condition : Temp:21.9°C,Humi:52.5%

Memo :

D:\2024 Report Date\Q24111522-2E\250108 CE.EM6

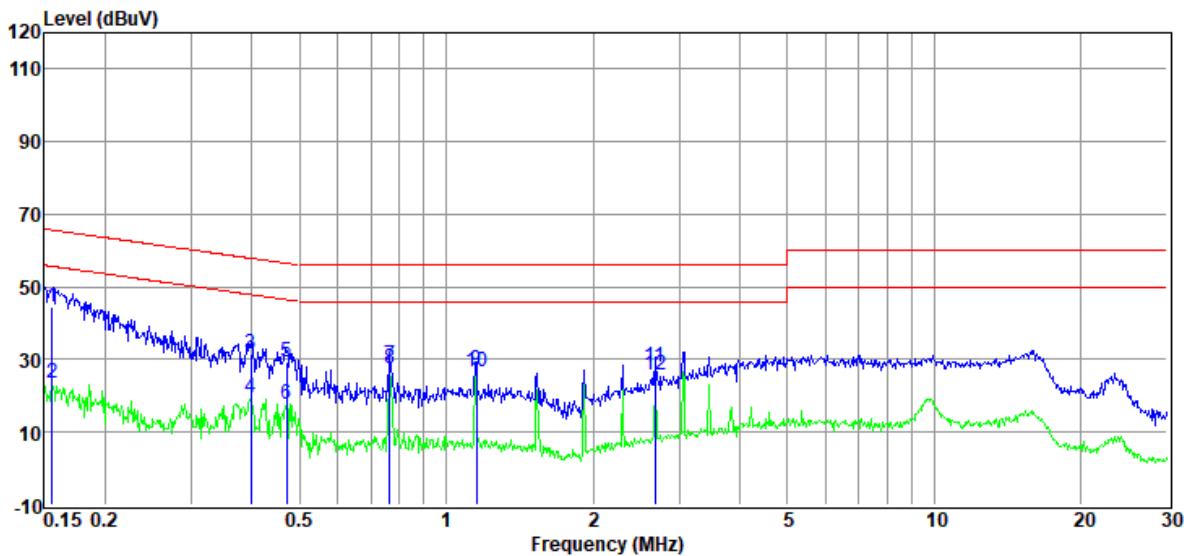
Tested By : Gen liu

Model Number : BAR 1000MK2

Test Mode : 5G WiFi Mode

LISN : 2024 ENV216 3#/LINE

Data: 32



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	24.76	9.78	0.07	9.83	44.44	65.69	-21.25	QP	LINE
2	0.16	3.72	9.78	0.07	9.83	23.40	55.69	-32.29	Average	LINE
3	0.40	11.85	9.77	0.09	9.83	31.54	57.90	-26.36	QP	LINE
4	0.40	-0.24	9.77	0.09	9.83	19.45	47.90	-28.45	Average	LINE
5	0.47	9.76	9.76	0.10	9.83	29.45	56.49	-27.04	QP	LINE
6	0.47	-2.12	9.76	0.10	9.83	17.57	46.49	-28.92	Average	LINE
7	0.77	8.88	9.75	0.06	9.84	28.53	56.00	-27.47	QP	LINE
8	0.77	8.03	9.75	0.06	9.84	27.68	46.00	-18.32	Average	LINE
9	1.15	7.46	9.74	0.12	9.84	27.16	56.00	-28.84	QP	LINE
10	1.15	6.81	9.74	0.12	9.84	26.51	46.00	-19.49	Average	LINE
11	2.68	8.41	9.76	0.11	9.84	28.12	56.00	-27.88	QP	LINE
12	2.68	6.21	9.76	0.11	9.84	25.92	46.00	-20.08	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-Q24111522-1E appendix I

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