

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-07

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

ANT1 11B 2462 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

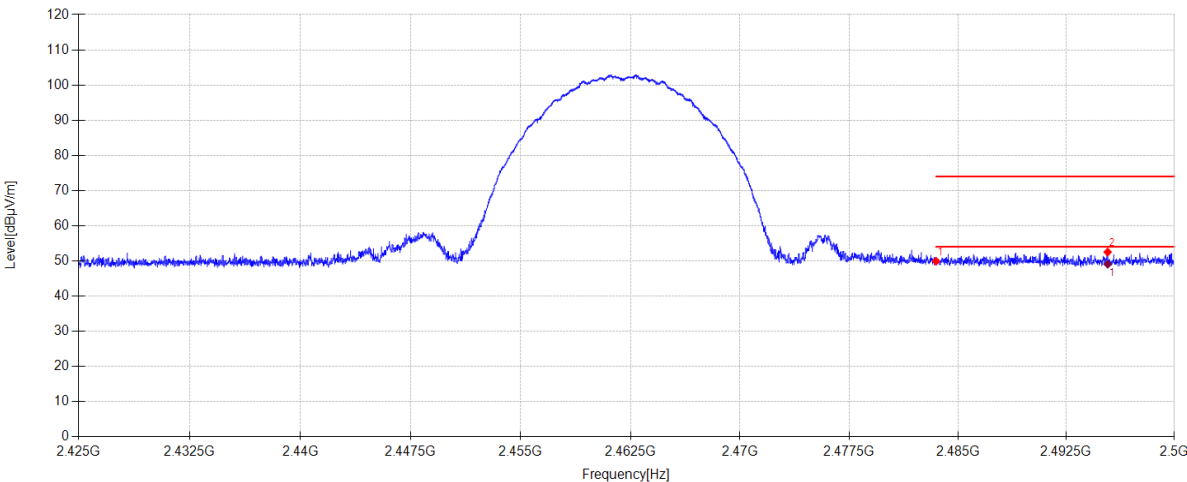
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	18.75	27.53	3.62	0.00	49.90	74.00	24.10	PK	Vertical
2	2495.373	21.30	27.58	3.63	0.00	52.51	74.00	21.49	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2495.373	17.85	27.58	3.63	49.06	54.00	4.94	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-07

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

ANT2 11B 2412 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

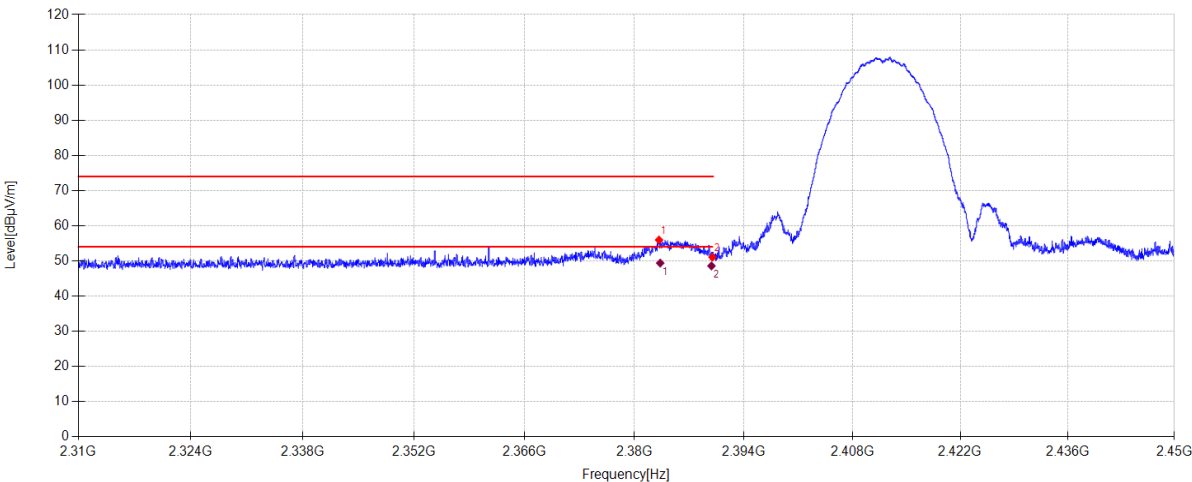
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2383.150	25.16	27.23	3.56	0.00	55.95	74.00	18.05	PK	Horizontal
2	2390.000	20.23	27.26	3.57	0.00	51.06	74.00	22.94	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2383.300	18.59	27.23	3.56	49.38	54.00	4.62	AV	Horizontal	
2	2389.868	17.75	27.26	3.57	48.58	54.00	5.42	AV	Horizontal	

Note:

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

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

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

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Condition:

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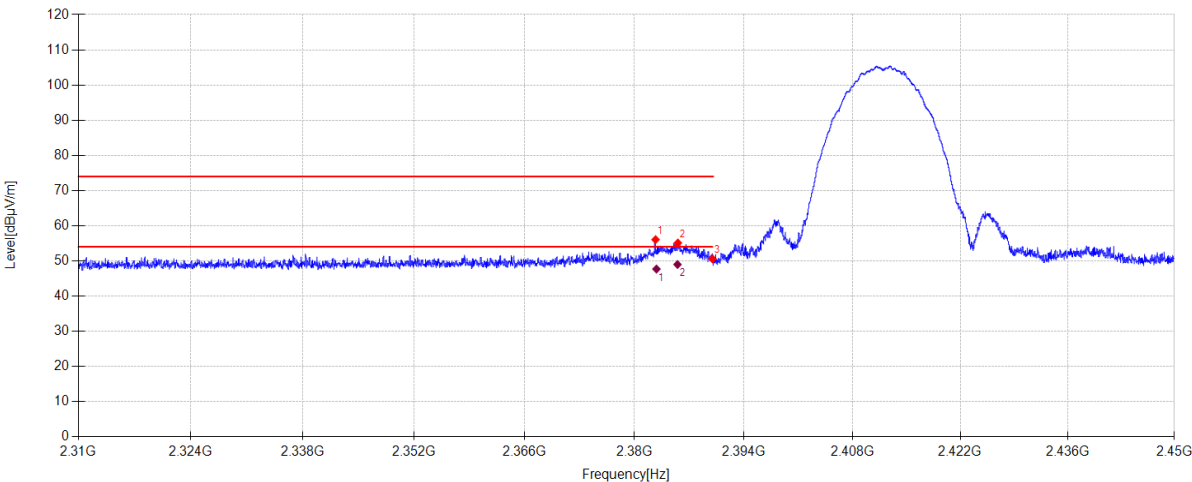
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2382.702	25.26	27.23	3.56	0.00	56.05	74.00	17.95	PK	Vertical
2	2385.558	24.29	27.24	3.57	0.00	55.10	74.00	18.90	PK	Vertical
3	2390.000	19.75	27.26	3.57	0.00	50.58	74.00	23.42	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2382.819	16.90	27.23	3.56	47.69	54.00	6.31	AV	Vertical	
2	2385.512	18.17	27.24	3.57	48.98	54.00	5.02	AV	Vertical	

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

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

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

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Power Supply:

AC 120V/60Hz

Condition:

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Test Site:

DDT 3# Chamber

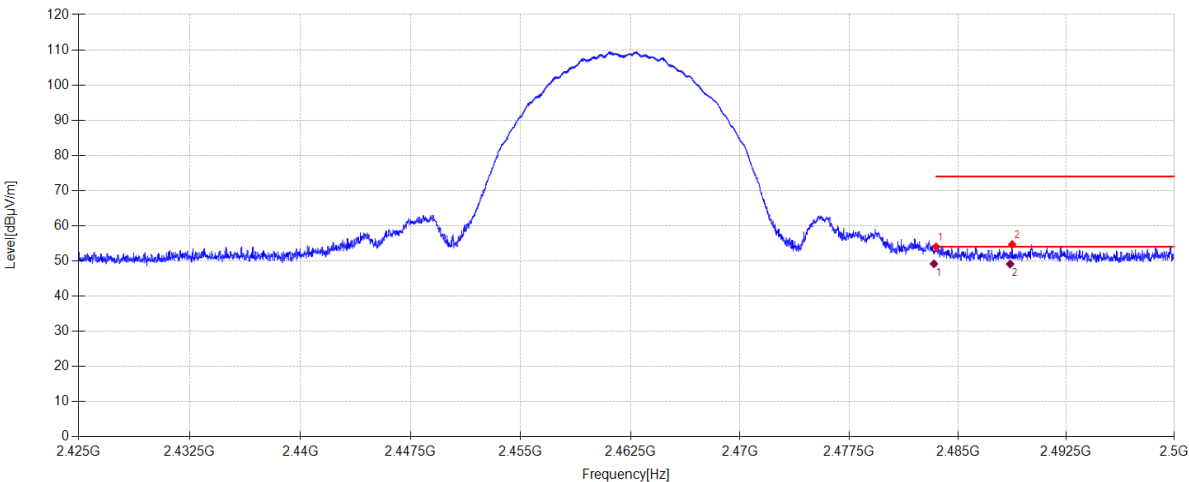
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	22.84	27.53	3.62	0.00	53.99	74.00	20.01	PK	Horizontal
2	2488.758	23.49	27.56	3.62	0.00	54.67	74.00	19.33	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.353	18.02	27.53	3.62	49.17	54.00	4.83	AV	Horizontal	
2	2488.617	17.94	27.56	3.62	49.12	54.00	4.88	AV	Horizontal	

Note:

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

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

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

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Test Site:

DDT 3# Chamber

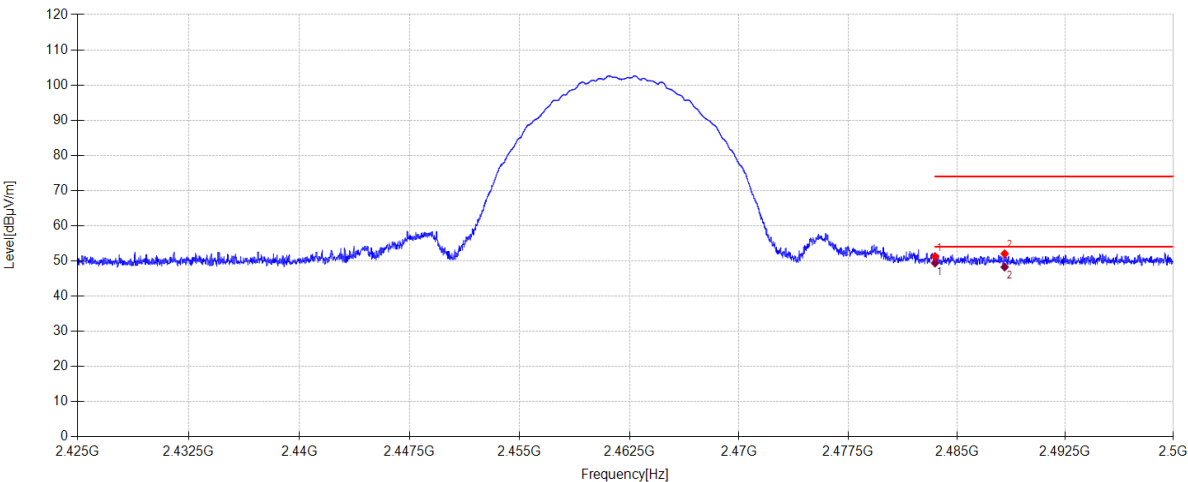
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	20.09	27.53	3.62	0.00	51.24	74.00	22.76	PK	Vertical
2	2488.308	20.87	27.55	3.62	0.00	52.04	74.00	21.96	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.500	18.23	27.53	3.62	49.38	54.00	4.62	AV	Vertical	
2	2488.308	17.08	27.55	3.62	48.25	54.00	5.75	AV	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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Condition:

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Test Site:

DDT 3# Chamber

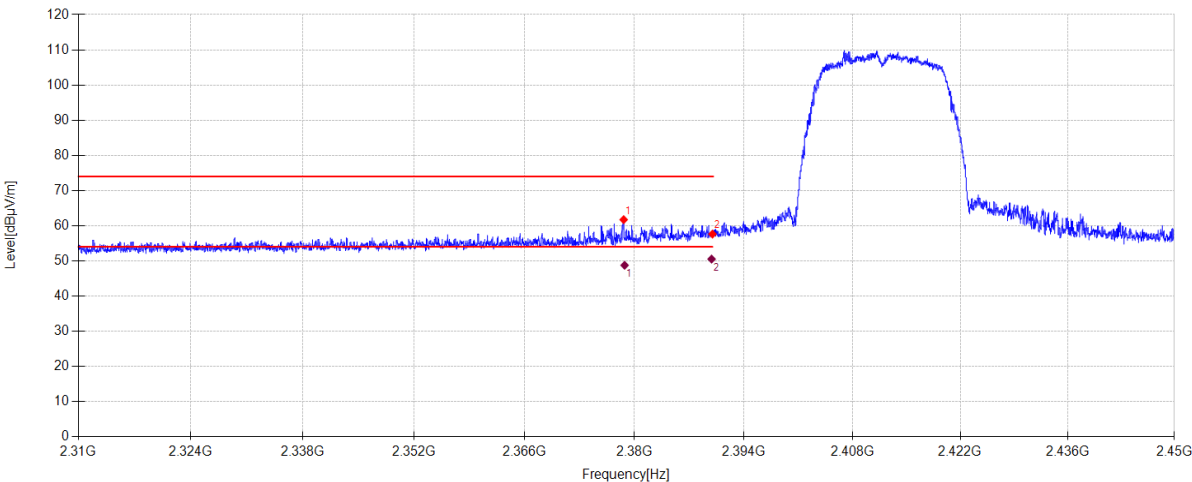
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2378.628	30.95	27.21	3.56	0.00	61.72	74.00	12.28	PK	Horizontal
2	2390.000	26.80	27.26	3.57	0.00	57.63	74.00	16.37	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2378.750	17.99	27.21	3.56	48.76	54.00	5.24	AV	Horizontal	
2	2389.878	19.69	27.26	3.57	50.52	54.00	3.48	AV	Horizontal	

Note:

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

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

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

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Condition:

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Test Site:

DDT 3# Chamber

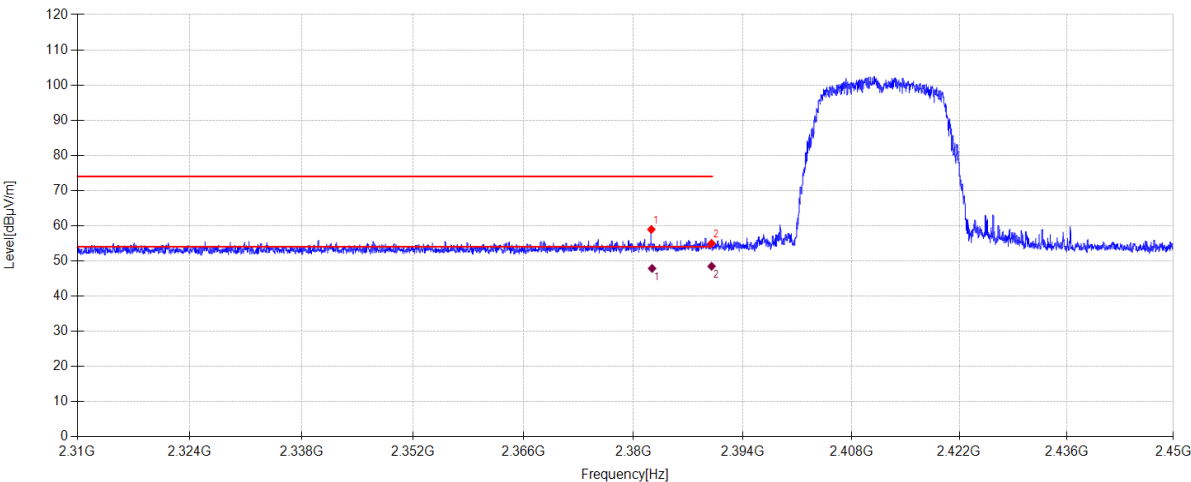
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2382.296	28.16	27.23	3.56	0.00	58.95	74.00	15.05	PK	Vertical
2	2390.000	24.13	27.26	3.57	0.00	54.96	74.00	19.04	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2382.388	17.06	27.23	3.56	47.85	54.00	6.15	AV	Vertical	
2	2390.009	17.63	27.26	3.57	48.46	54.00	5.54	AV	Vertical	

Note:

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

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

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

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Model Number:

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ANT1 11G 2462 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

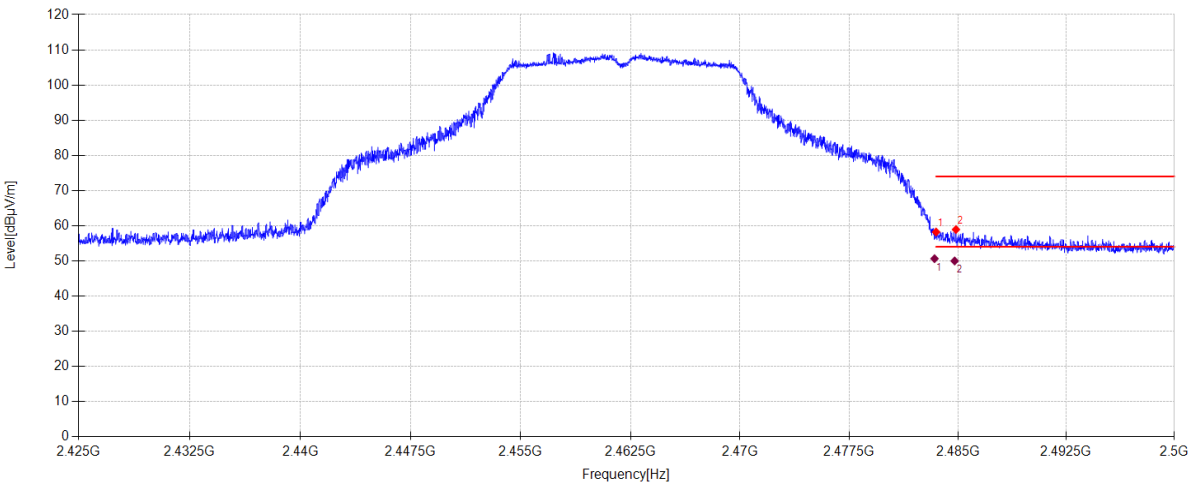
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	27.07	27.53	3.62	0.00	58.22	74.00	15.78	PK	Horizontal
2	2484.873	27.75	27.54	3.62	0.00	58.91	74.00	15.09	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.392	19.49	27.53	3.62	50.64	54.00	3.36	AV	Horizontal	
2	2484.780	18.83	27.54	3.62	49.99	54.00	4.01	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-07

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

ANT1 11G 2462 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

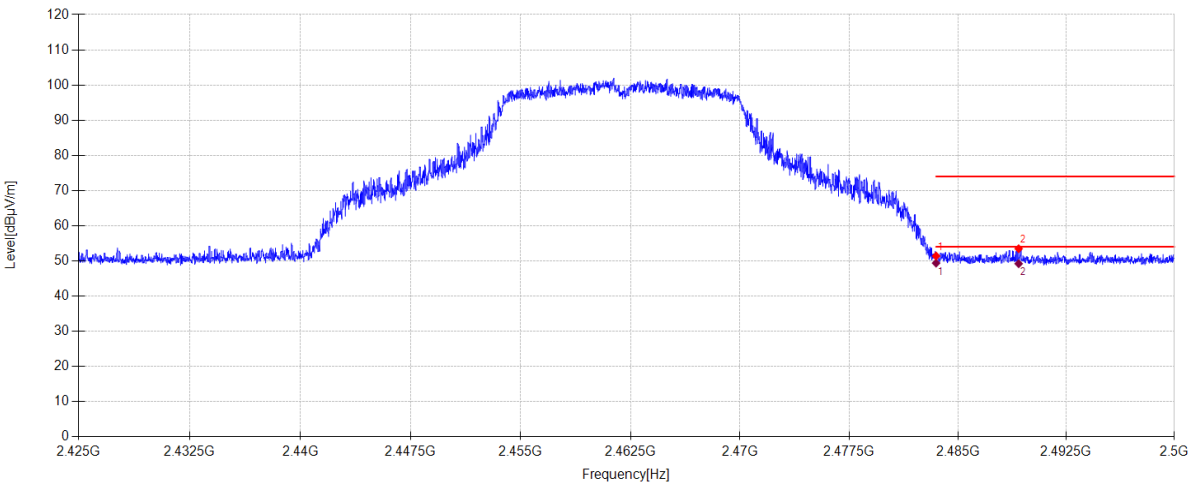
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	20.24	27.53	3.62	0.00	51.39	74.00	22.61	PK	Vertical
2	2489.208	22.29	27.56	3.62	0.00	53.47	74.00	20.53	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.500	18.23	27.53	3.62	49.38	54.00	4.62	AV	Vertical	
2	2489.208	18.02	27.56	3.62	49.20	54.00	4.80	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-07

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

ANT2 11G 2412 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

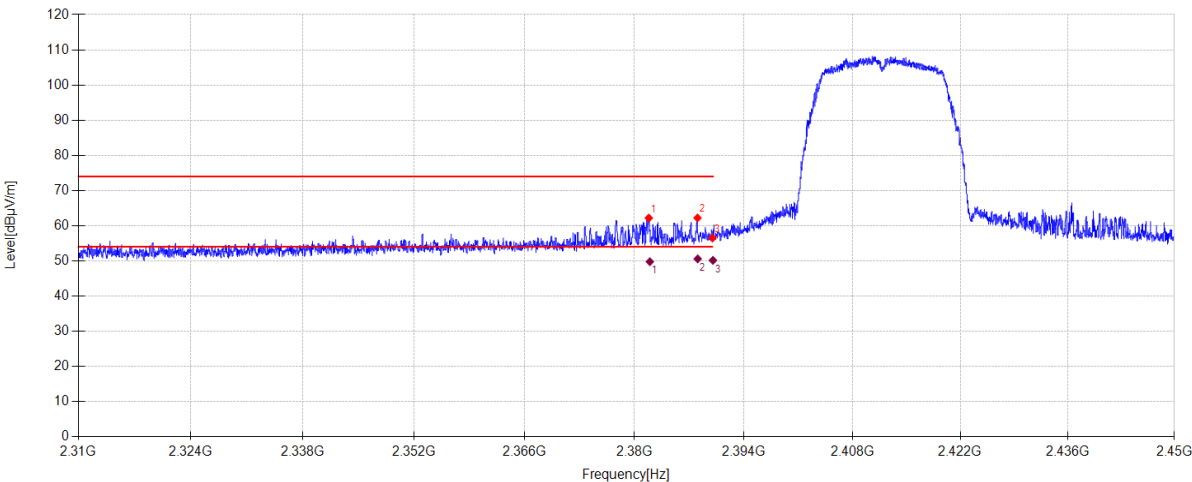
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2381.848	31.39	27.23	3.56	0.00	62.18	74.00	11.82	PK	Horizontal
2	2388.078	31.39	27.25	3.57	0.00	62.21	74.00	11.79	PK	Horizontal
3	2390.000	25.69	27.26	3.57	0.00	56.52	74.00	17.48	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2381.976	18.98	27.23	3.56	49.77	54.00	4.23	AV	Horizontal	
2	2388.100	19.76	27.25	3.57	50.58	54.00	3.42	AV	Horizontal	
3	2390.052	19.33	27.26	3.57	50.16	54.00	3.84	AV	Horizontal	

Note:

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

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

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

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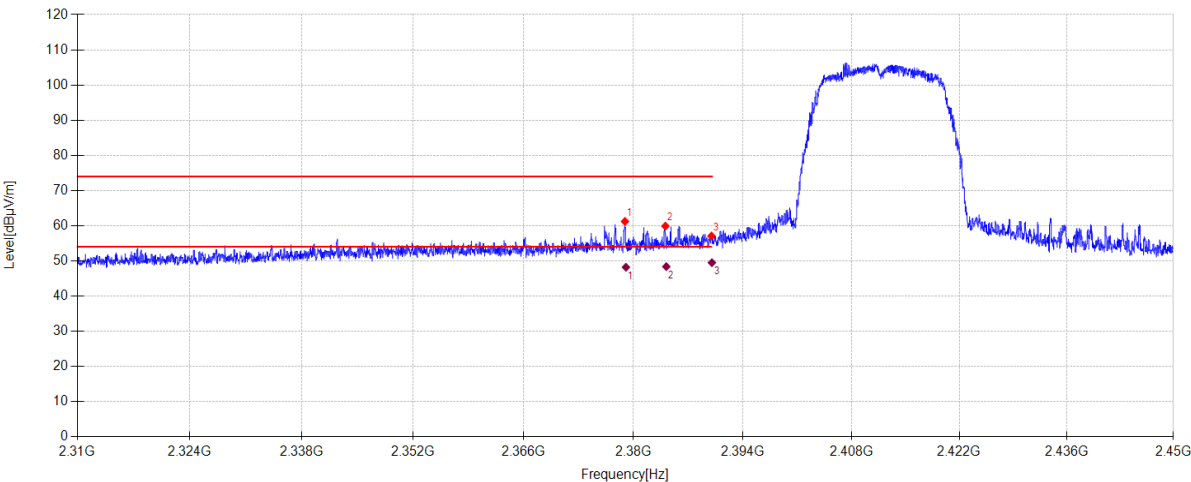
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2378.922	30.44	27.22	3.56	0.00	61.22	74.00	12.78	PK	Vertical
2	2384.088	29.08	27.24	3.57	0.00	59.89	74.00	14.11	PK	Vertical
3	2390.000	26.24	27.26	3.57	0.00	57.07	74.00	16.93	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2379.047	17.42	27.22	3.56	48.20	54.00	5.80	AV	Vertical	
2	2384.210	17.57	27.24	3.57	48.38	54.00	5.62	AV	Vertical	
3	2390.049	18.66	27.26	3.57	49.49	54.00	4.51	AV	Vertical	

Note:

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

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

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

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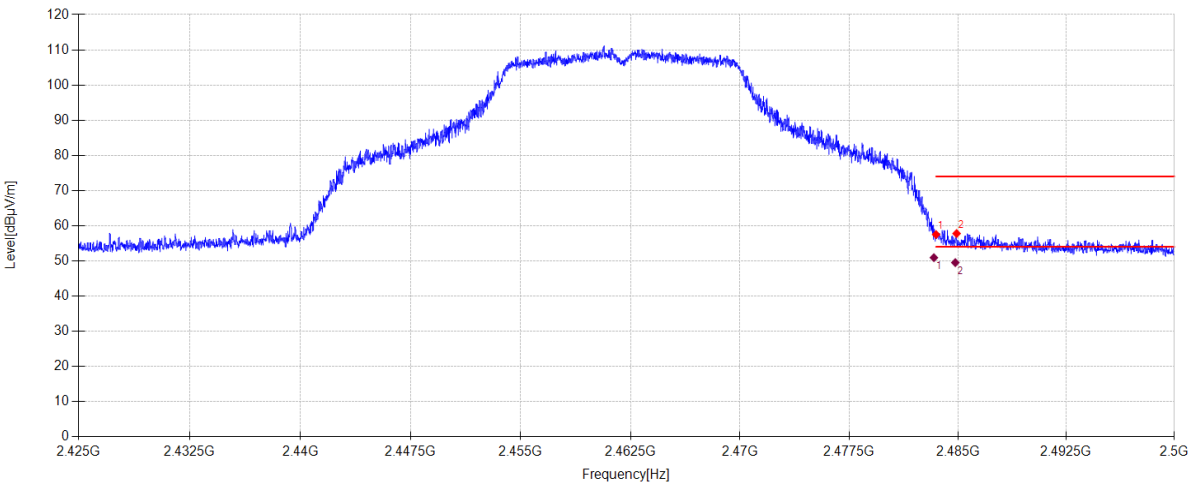
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	26.35	27.53	3.62	0.00	57.50	74.00	16.50	PK	Horizontal
2	2484.918	26.62	27.54	3.62	0.00	57.78	74.00	16.22	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.351	19.77	27.53	3.62	50.92	54.00	3.08	AV	Horizontal	
2	2484.829	18.35	27.54	3.62	49.51	54.00	4.49	AV	Horizontal	

- Note:
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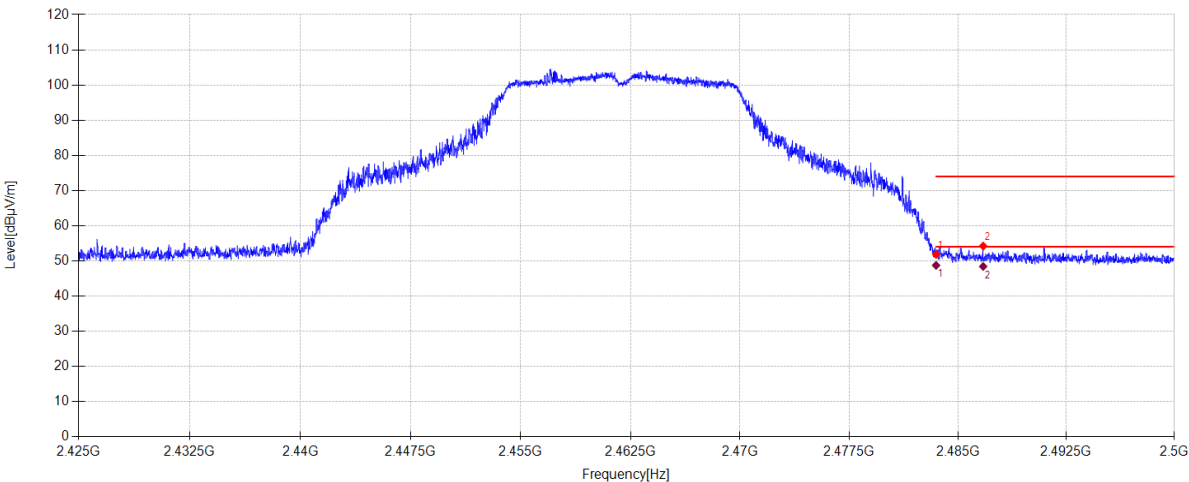
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Memo:

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Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	20.69	27.53	3.62	0.00	51.84	74.00	22.16	PK	Vertical
2	2486.755	23.05	27.55	3.62	0.00	54.22	74.00	19.78	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.500	17.58	27.53	3.62	48.73	54.00	5.27	AV	Vertical	
2	2486.755	17.25	27.55	3.62	48.42	54.00	5.58	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11N20 MIMO 2412 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

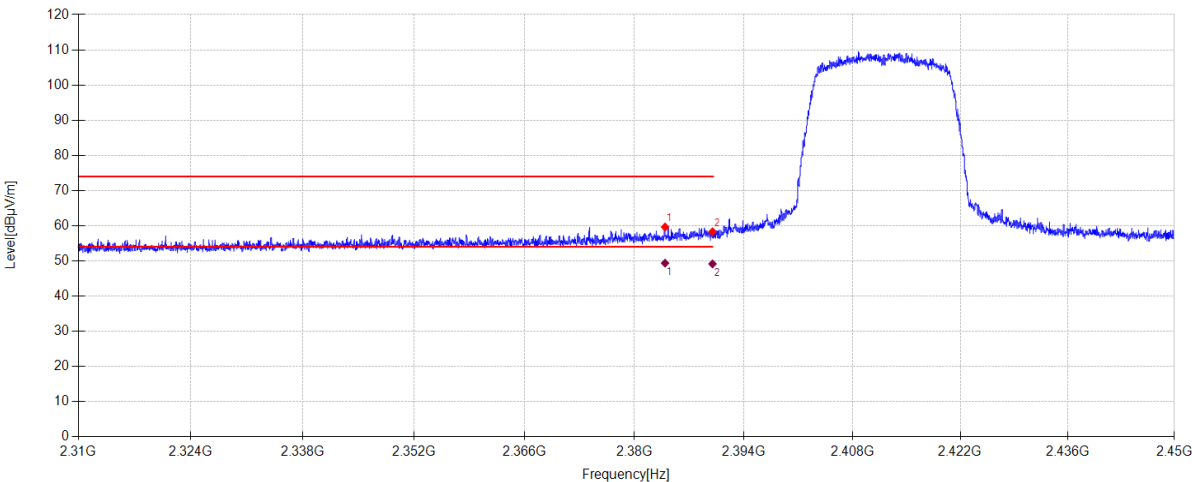
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2383.920	28.84	27.24	3.56	0.00	59.64	74.00	14.36	PK	Horizontal
2	2390.000	27.45	27.26	3.57	0.00	58.28	74.00	15.72	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2383.920	18.56	27.24	3.56	49.36	54.00	4.64	AV	Horizontal	
2	2390.000	18.32	27.26	3.57	49.15	54.00	4.85	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11N20 MIMO 2412 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

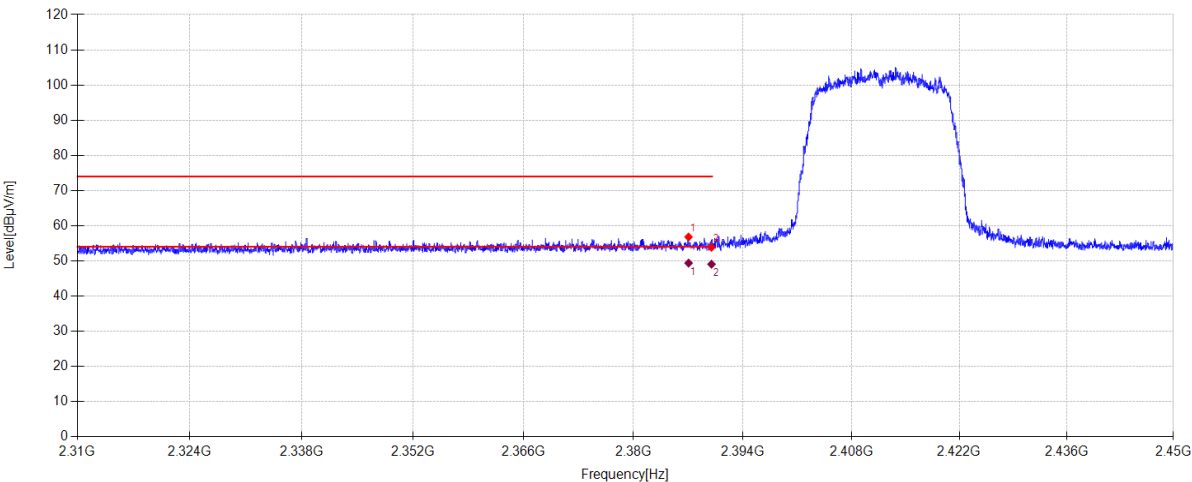
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2387.056	25.98	27.25	3.57	0.00	56.80	74.00	17.20	PK	Vertical
2	2390.000	23.03	27.26	3.57	0.00	53.86	74.00	20.14	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2387.056	18.56	27.25	3.57	49.38	54.00	4.62	AV	Vertical	
2	2390.000	18.23	27.26	3.57	49.06	54.00	4.94	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11N20 MIMO 2462 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

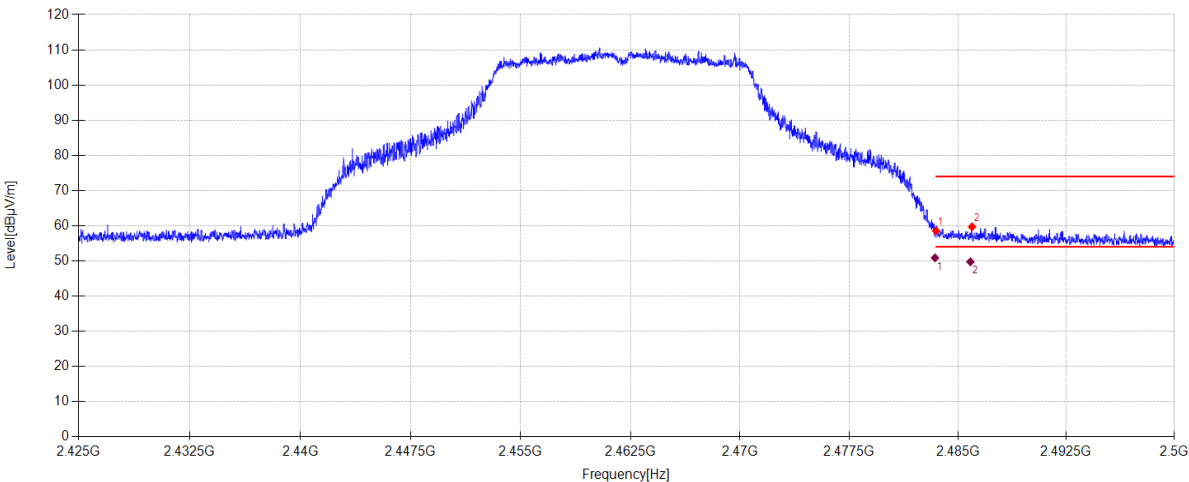
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	27.38	27.53	3.62	0.00	58.53	74.00	15.47	PK	Horizontal
2	2485.983	28.55	27.54	3.62	0.00	59.71	74.00	14.29	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.427	19.72	27.53	3.62	50.87	54.00	3.13	AV	Horizontal	
2	2485.871	18.59	27.54	3.62	49.75	54.00	4.25	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11N20 MIMO 2462 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

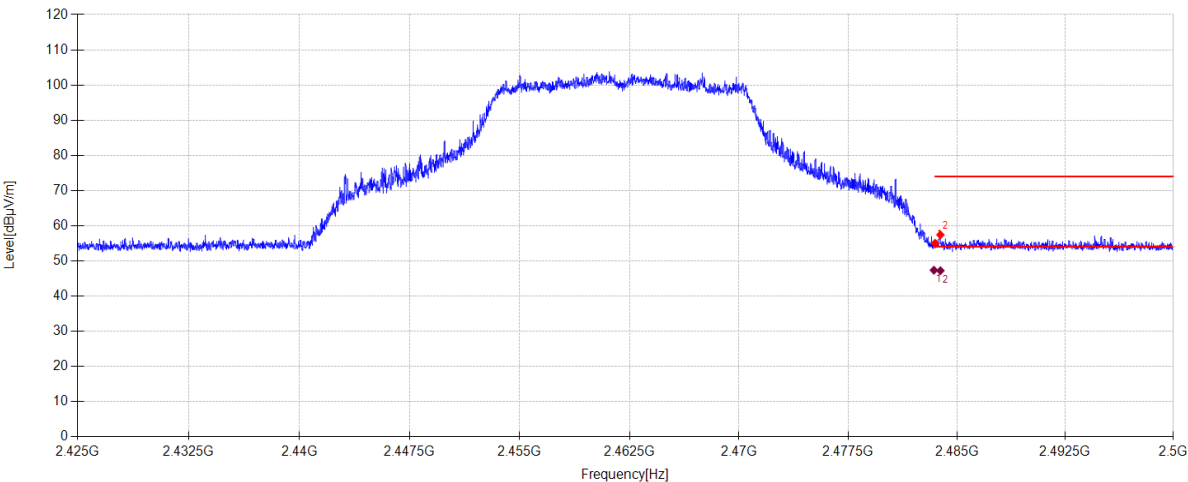
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	23.85	27.53	3.62	0.00	55.00	74.00	19.00	PK	Vertical
2	2483.868	26.25	27.54	3.62	0.00	57.41	74.00	16.59	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.419	16.21	27.53	3.62	47.36	54.00	6.64	AV	Vertical	
2	2483.870	16.07	27.54	3.62	47.23	54.00	6.77	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11N40 MIMO 2422 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

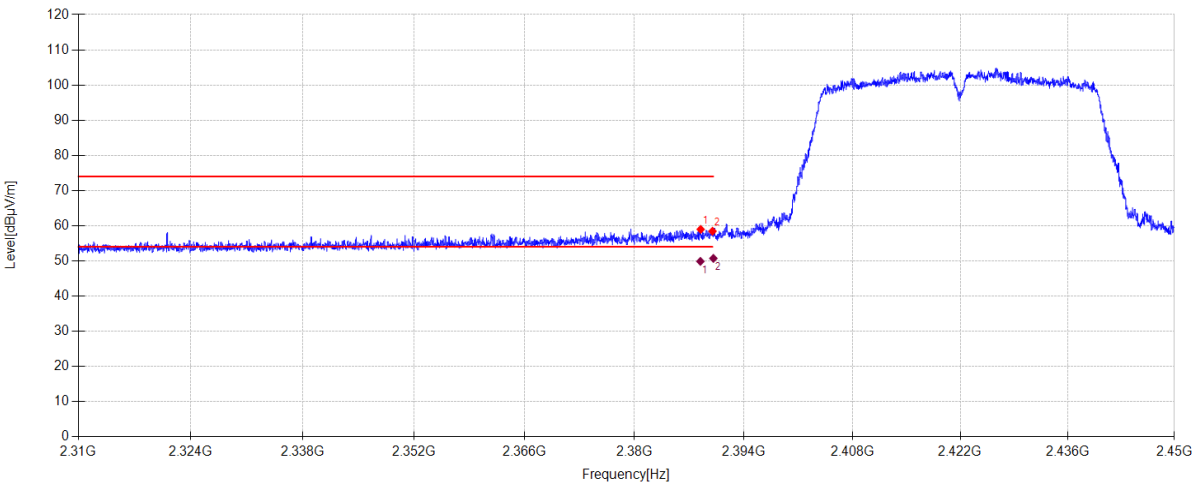
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.484	28.14	27.25	3.57	0.00	58.96	74.00	15.04	PK	Horizontal
2	2390.000	27.61	27.26	3.57	0.00	58.44	74.00	15.56	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2388.447	19.05	27.25	3.57	49.87	54.00	4.13	AV	Horizontal	
2	2390.113	19.89	27.26	3.57	50.72	54.00	3.28	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11N40 MIMO 2422 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

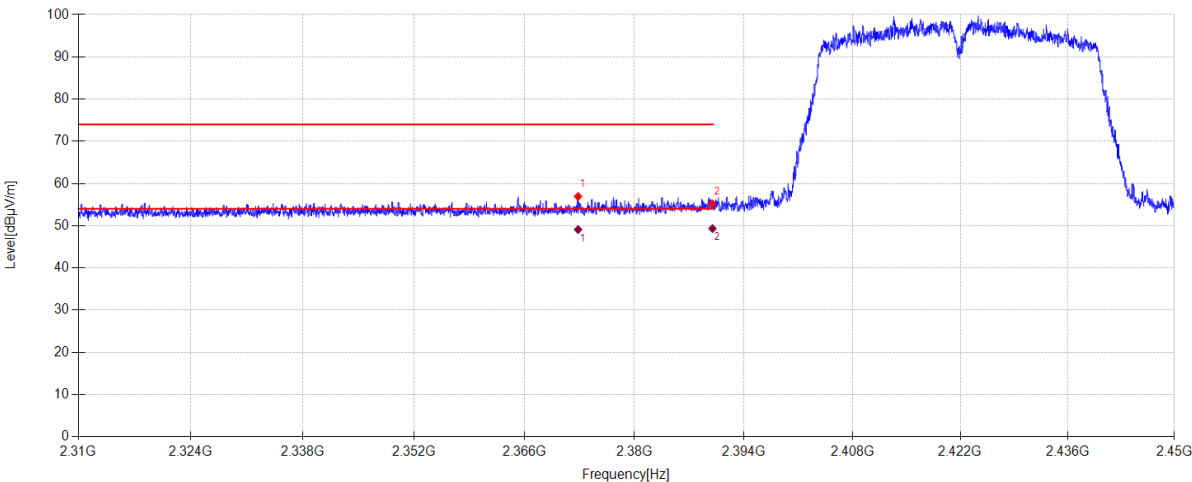
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2372.818	26.18	27.19	3.56	0.00	56.93	74.00	17.07	PK	Vertical
2	2390.000	24.35	27.26	3.57	0.00	55.18	74.00	18.82	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2372.818	18.34	27.19	3.56	49.09	54.00	4.91	AV	Vertical	
2	2390.000	18.49	27.26	3.57	49.32	54.00	4.68	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11N40 MIMO 2452 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

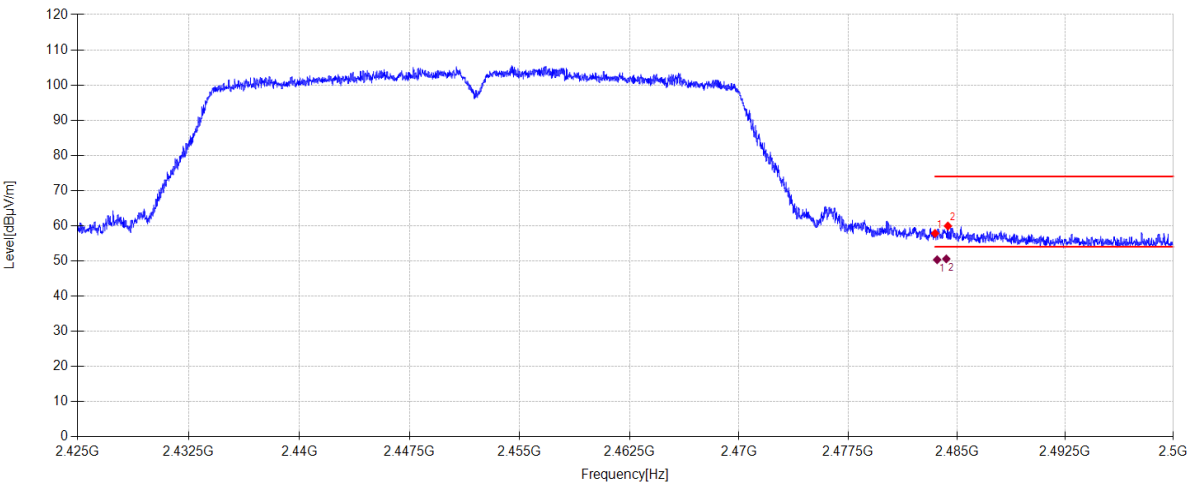
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	26.67	27.53	3.62	0.00	57.82	74.00	16.18	PK	Horizontal
2	2484.385	28.76	27.54	3.62	0.00	59.92	74.00	14.08	PK	Horizontal

Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.643	19.18	27.53	3.62	50.33	54.00	3.67	AV	Horizontal
2	2484.275	19.42	27.54	3.62	50.58	54.00	3.42	AV	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11N40 MIMO 2452 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

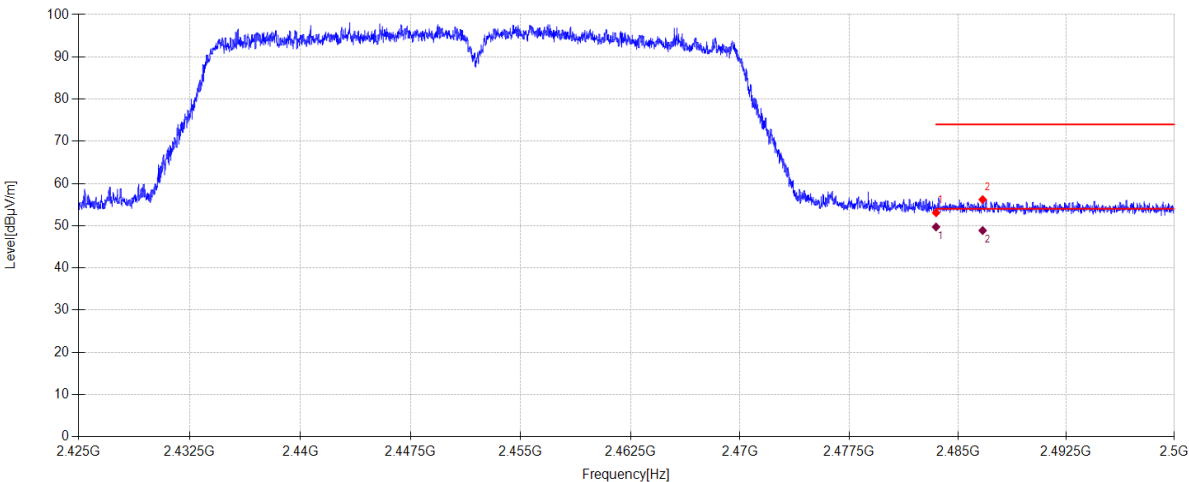
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	21.92	27.53	3.62	0.00	53.07	74.00	20.93	PK	Vertical
2	2486.718	25.03	27.55	3.62	0.00	56.20	74.00	17.80	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.500	18.56	27.53	3.62	49.71	54.00	4.29	AV	Vertical	
2	2486.718	17.69	27.55	3.62	48.86	54.00	5.14	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11AX20 MIMO 2412 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

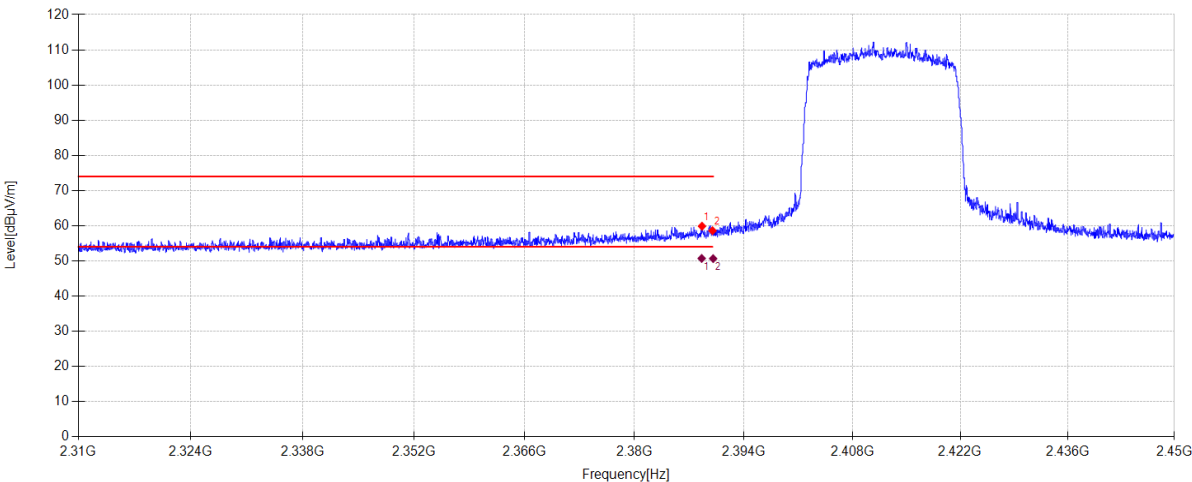
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.652	29.05	27.25	3.57	0.00	59.87	74.00	14.13	PK	Horizontal
2	2390.000	27.76	27.26	3.57	0.00	58.59	74.00	15.41	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2388.613	19.89	27.25	3.57	50.71	54.00	3.29	AV	Horizontal	
2	2390.083	19.82	27.26	3.57	50.65	54.00	3.35	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11AX20 MIMO 2412 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

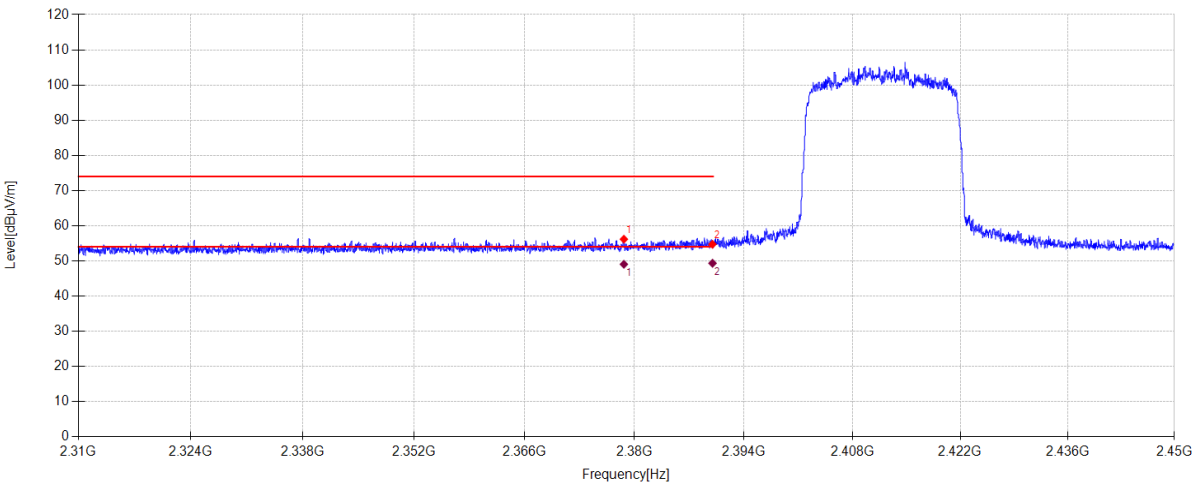
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2378.656	25.40	27.21	3.56	0.00	56.17	74.00	17.83	PK	Vertical
2	2390.000	23.90	27.26	3.57	0.00	54.73	74.00	19.27	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2378.656	18.27	27.21	3.56	49.04	54.00	4.96	AV	Vertical
2	2390.000	18.51	27.26	3.57	49.34	54.00	4.66	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11AX20 MIMO 2462 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

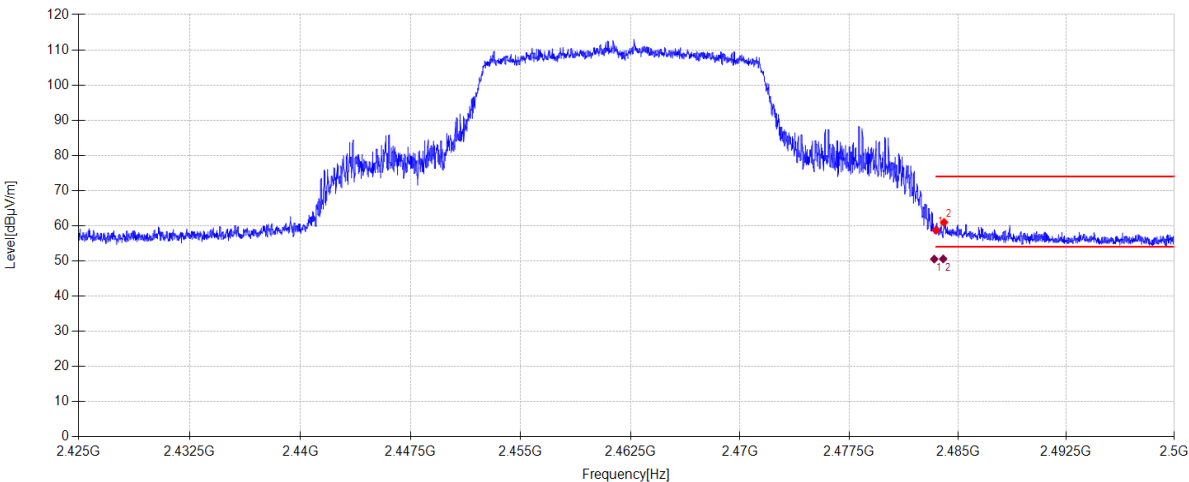
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	27.56	27.53	3.62	0.00	58.71	74.00	15.29	PK	Horizontal
2	2484.055	29.80	27.54	3.62	0.00	60.96	74.00	13.04	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.374	19.37	27.53	3.62	50.52	54.00	3.48	AV	Horizontal	
2	2483.991	19.42	27.54	3.62	50.58	54.00	3.42	AV	Horizontal	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11AX20 MIMO 2462 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

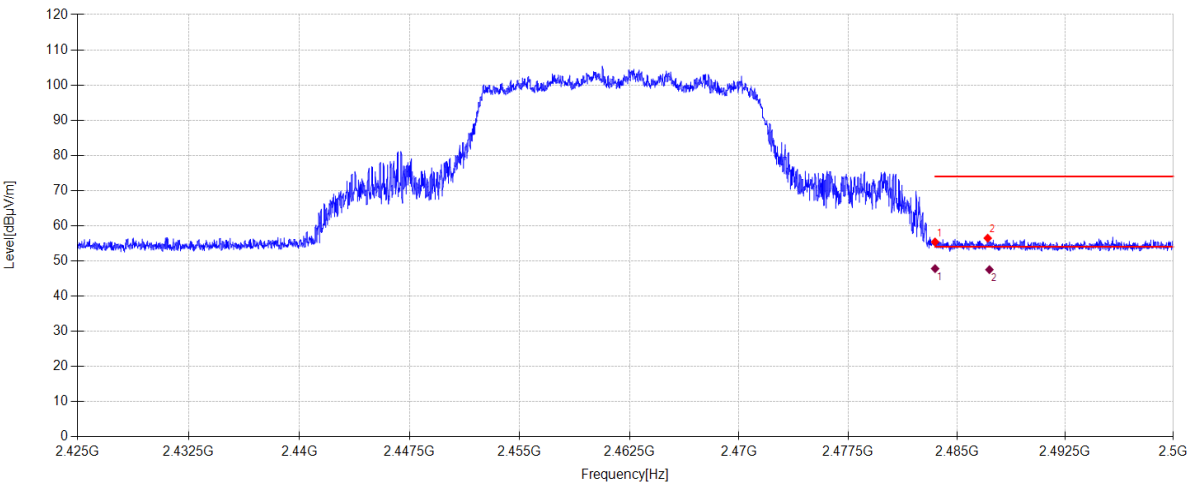
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Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	24.23	27.53	3.62	0.00	55.38	74.00	18.62	PK	Vertical
2	2487.138	25.29	27.55	3.62	0.00	56.46	74.00	17.54	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.504	16.65	27.53	3.62	47.80	54.00	6.20	AV	Vertical
2	2487.254	16.35	27.55	3.62	47.52	54.00	6.48	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11AX40 MIMO 2422 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

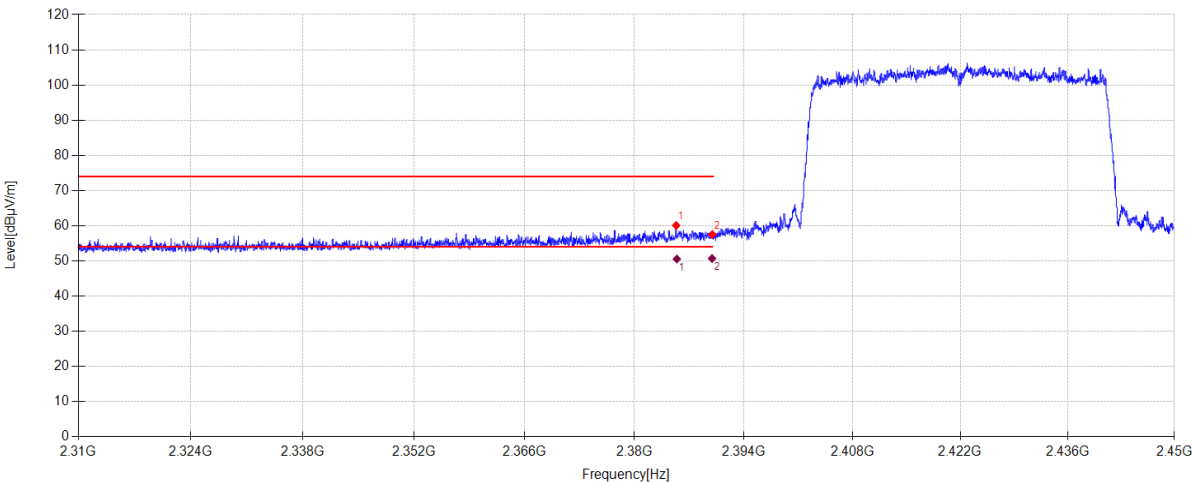
File Path:

d:\ts\2024 report data\BAR 1300\0307 FCC Above 1G 2.4G\59

Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2385.348	29.26	27.24	3.57	0.00	60.07	74.00	13.93	PK	Horizontal
2	2390.000	26.68	27.26	3.57	0.00	57.51	74.00	16.49	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2385.430	19.73	27.24	3.57	50.54	54.00	3.46	AV	Horizontal	
2	2389.944	19.86	27.26	3.57	50.69	54.00	3.31	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11AX40 MIMO 2422 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

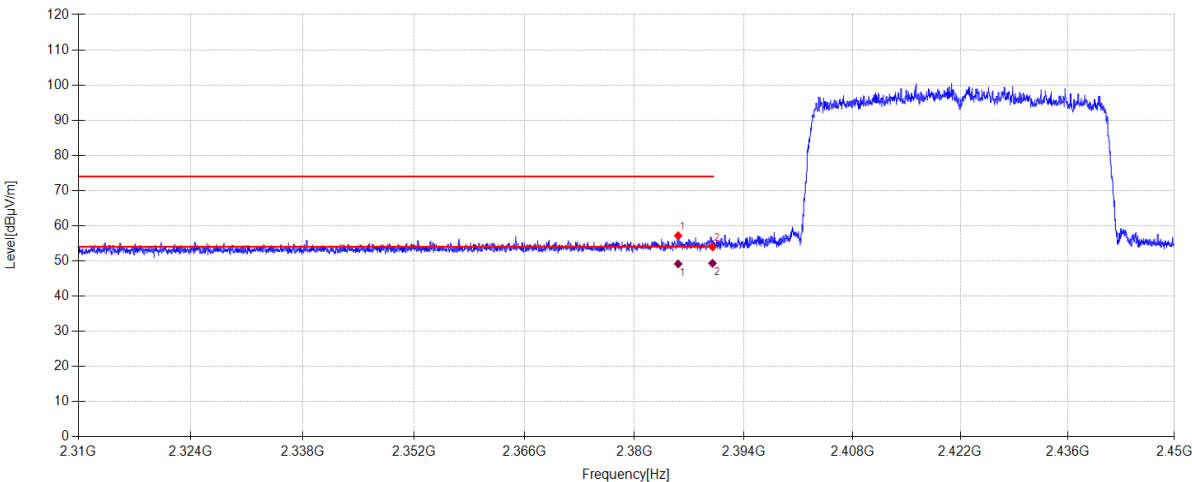
File Path:

d:\ts\2024 report data\BAR 1300\0307 FCC Above 1G 2.4G\60

Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2385.600	26.35	27.24	3.57	0.00	57.16	74.00	16.84	PK	Vertical
2	2390.000	23.15	27.26	3.57	0.00	53.98	74.00	20.02	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2385.600	18.33	27.24	3.57	49.14	54.00	4.86	AV	Vertical	
2	2390.000	18.49	27.26	3.57	49.32	54.00	4.68	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11AX40 MIMO 2452 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

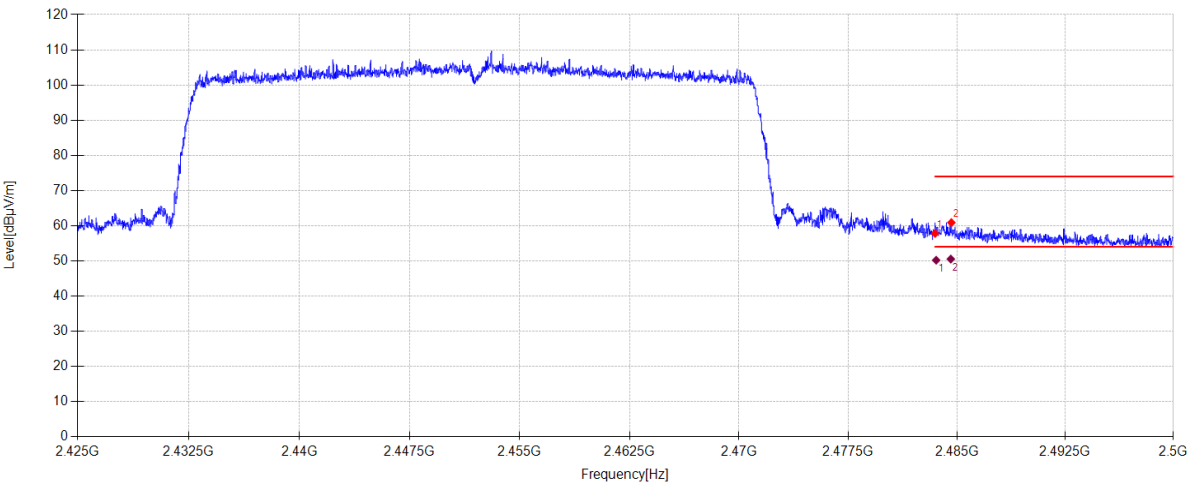
File Path:

d:\ts\2024 report data\BAR 1300\0307 FCC Above 1G 2.4G\61

Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	26.65	27.53	3.62	0.00	57.80	74.00	16.20	PK	Horizontal
2	2484.625	29.73	27.54	3.62	0.00	60.89	74.00	13.11	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.577	19.05	27.53	3.62	50.20	54.00	3.80	AV	Horizontal	
2	2484.585	19.36	27.54	3.62	50.52	54.00	3.48	AV	Horizontal	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-08

Tested By:

Lin Guoyuan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

11AX40 MIMO 2452 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.1°C;Humi:49.4%

Test Site:

DDT 3# Chamber

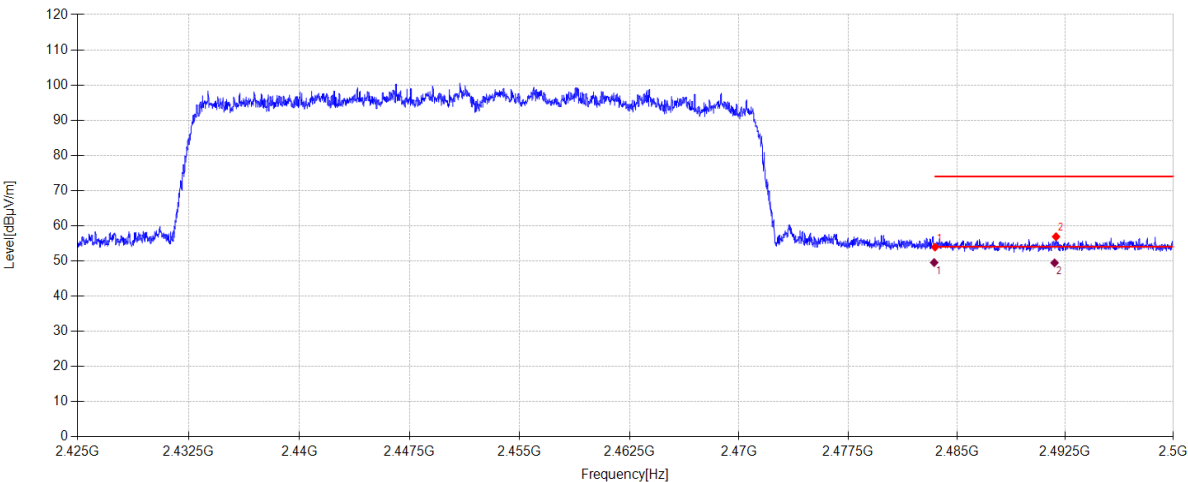
File Path:

d:\ts\2024 report data\BAR 1300\0307 FCC Above 1G 2.4G\62

Memo:

Sample Number: S24111520-010

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	22.77	27.53	3.62	0.00	53.92	74.00	20.08	PK	Vertical
2	2491.863	25.69	27.57	3.63	0.00	56.89	74.00	17.11	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.438	18.38	27.53	3.62	49.53	54.00	4.47	AV	Vertical	
2	2491.763	18.24	27.57	3.63	49.44	54.00	4.56	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

TX 11AX20 RU0 MIMO 2412 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

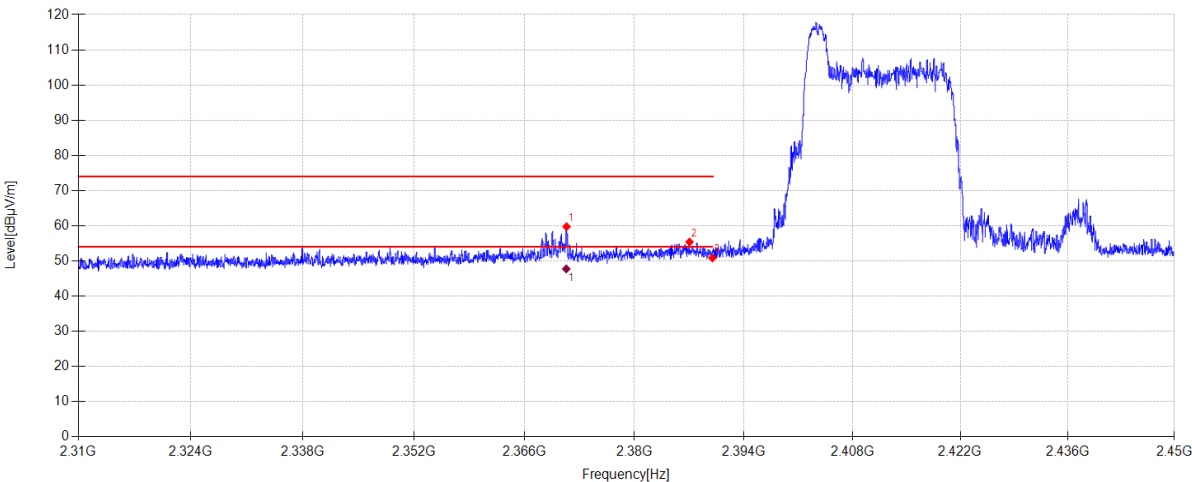
File Path:

d:\ts\2024 report data\BAR 1300\2.4G RU\1

Memo:

Sample Number: S24111520-001

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2371.348	28.98	27.19	3.56	0.00	59.73	74.00	14.27	PK	Horizontal
2	2387.056	24.56	27.25	3.57	0.00	55.38	74.00	18.62	PK	Horizontal
3	2390.000	20.01	27.26	3.57	0.00	50.84	74.00	23.16	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2371.311	16.97	27.19	3.56	47.72	54.00	6.28	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

TX 11AX20 RU0 MIMO 2412 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

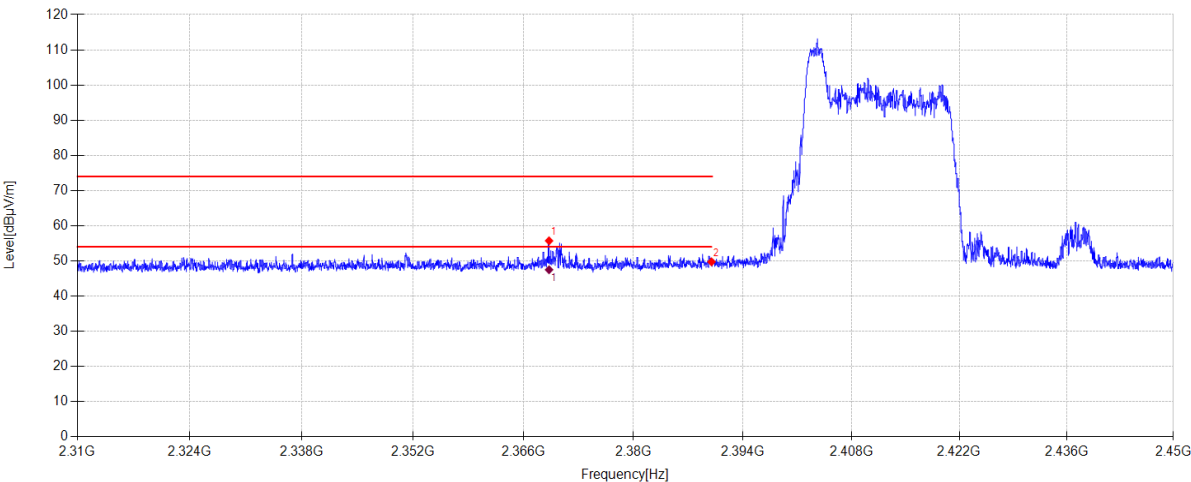
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d:\ts\2024 report data\BAR 1300\2.4G RU\2

Memo:

Sample Number: S24111520-001

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2369.248	24.98	27.18	3.56	0.00	55.72	74.00	18.28	PK	Vertical
2	2390.000	18.90	27.26	3.57	0.00	49.73	74.00	24.27	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2369.248	16.75	27.18	3.56	47.49	54.00	6.51	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

TX 11AX20 RU8 MIMO 2462 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

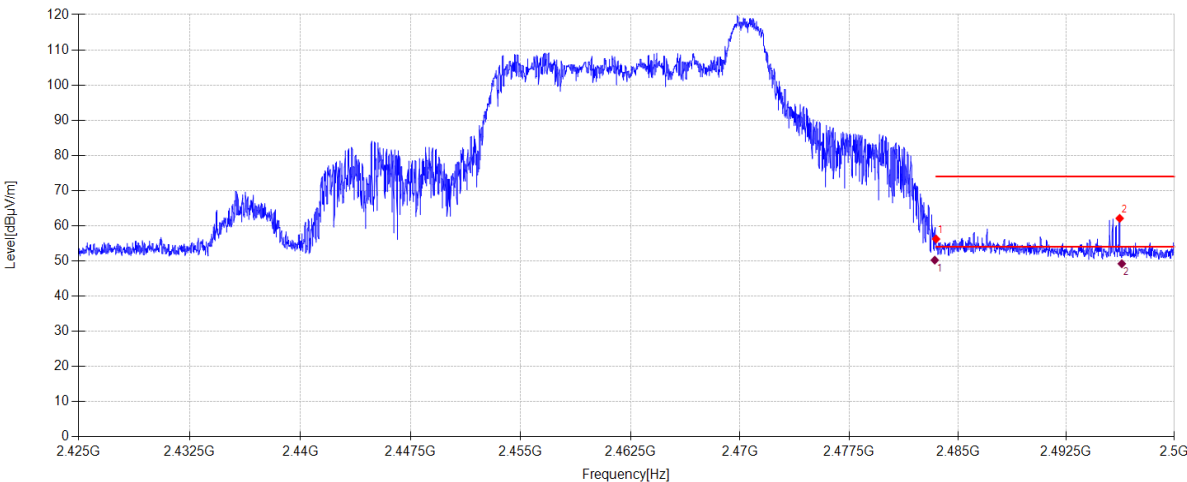
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Memo:

Sample Number: S24111520-001

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	25.07	27.53	3.62	0.00	56.22	74.00	17.78	PK	Horizontal
2	2496.205	30.88	27.58	3.63	0.00	62.09	74.00	11.91	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2483.410	19.07	27.53	3.62	50.22	54.00	3.78	AV	Horizontal	
2	2496.353	17.99	27.58	3.63	49.20	54.00	4.80	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-12

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1300MK2

Test Mode:

TX 11AX20 RU8 MIMO 2462 MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.3°C;Humi:59.4%

Test Site:

DDT 3# Chamber

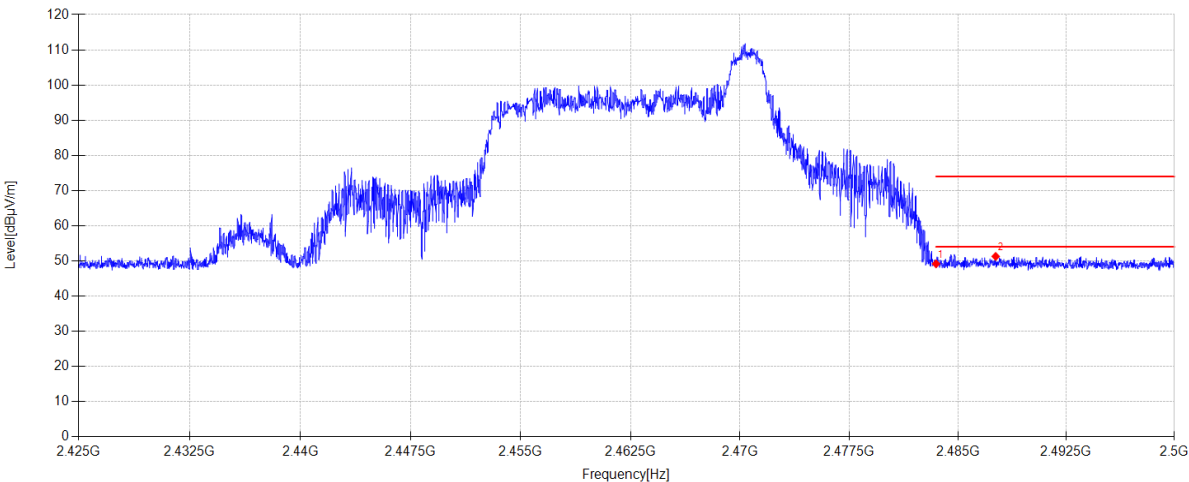
File Path:

d:\ts\2024 report data\BAR 1300\2.4G RU\4

Memo:

Sample Number: S24111520-001

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	18.02	27.53	3.62	0.00	49.17	74.00	24.83	PK	Vertical
2	2487.618	20.10	27.55	3.62	0.00	51.27	74.00	22.73	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.

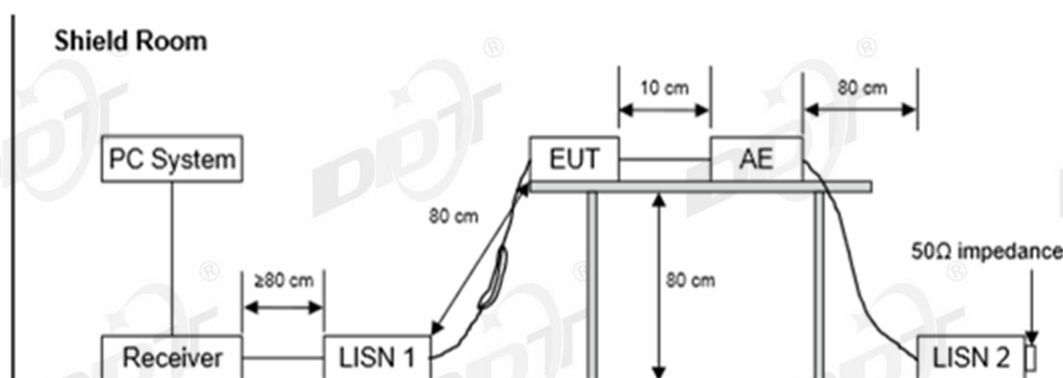
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Two Line V-Network	R&S	ENV216	DDT-ZC01247	/
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2025/07/08
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2025/03/31
EMI Test Receiver	R&S	ESCI	DDT-ZC01972	2025/03/31
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2025/04/22

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
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.

14.4. Assistant equipment used for test

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

14.5. 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.

14.6. Test result

PASS. (See below detailed test result)

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

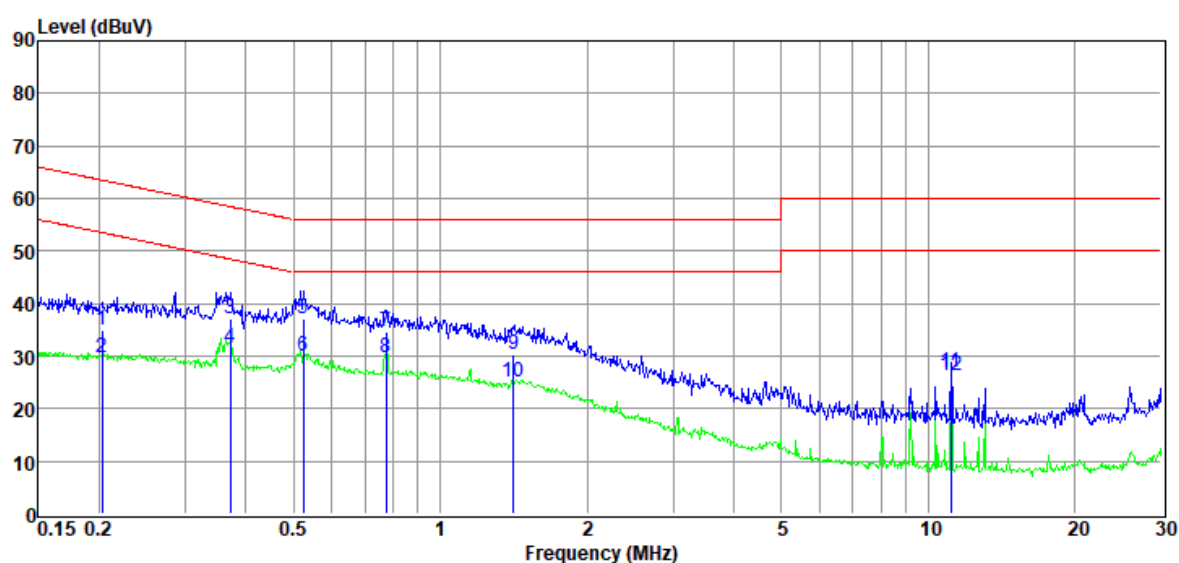
Note2: "----" means Peak detection; "----" means Average detection.

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

TR-4-E-010 Conducted Emission Test Result

LISN : 2023 ENV216 2#/NEUTRAL

Data: 14



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	0.20	14.85	9.92	0.09	10.06	34.92	63.49	-28.57	QP	NEUTRAL
2	0.20	9.66	9.92	0.09	10.06	29.73	53.49	-23.76	Average	NEUTRAL
3	0.37	16.85	10.04	0.09	10.07	37.05	58.47	-21.42	QP	NEUTRAL
4	0.37	11.34	10.04	0.09	10.07	31.54	48.47	-16.93	Average	NEUTRAL
5	0.52	17.03	9.98	0.10	10.07	37.18	56.00	-18.82	QP	NEUTRAL
6	0.52	9.90	9.98	0.10	10.07	30.05	46.00	-15.95	Average	NEUTRAL
7	0.78	14.38	9.97	0.10	10.06	34.51	56.00	-21.49	QP	NEUTRAL
8	0.78	9.71	9.97	0.10	10.06	29.84	46.00	-16.16	Average	NEUTRAL
9	1.41	10.07	9.97	0.13	10.05	30.22	56.00	-25.78	QP	NEUTRAL
10	1.41	4.81	9.97	0.13	10.05	24.96	46.00	-21.04	Average	NEUTRAL
11	11.14	6.44	10.04	0.25	10.06	26.79	60.00	-33.21	QP	NEUTRAL
12	11.14	5.94	10.04	0.25	10.06	26.29	50.00	-23.71	Average	NEUTRAL

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

D:\2025 report data\Q24111520-1E\0217 CE.EM6

Tested By : Gen Liu

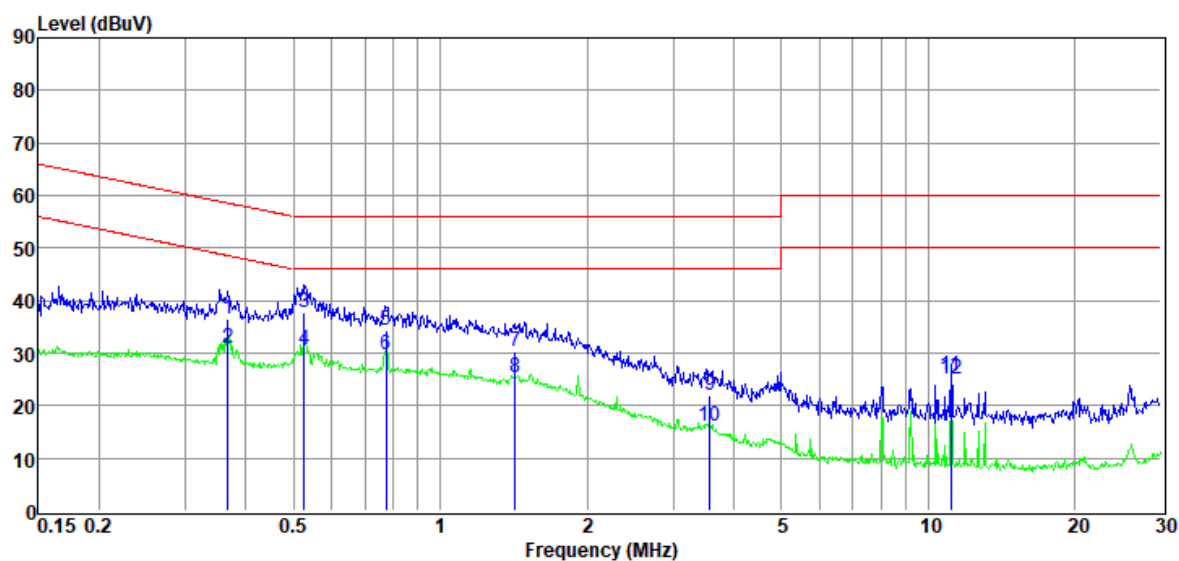
Model Number : BAR 1300MK2

Test Mode : Tx mode

LISN : 2023 ENV216 2#/LINE

Memo : Sample Number: S24111520-001

Data: 16



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	0.37	16.55	9.93	0.09	10.07	36.64	58.56	-21.92	QP	LINE
2	0.37	10.76	9.93	0.09	10.07	30.85	48.56	-17.71	Average	LINE
3	0.53	17.48	9.97	0.10	10.07	37.62	56.00	-18.38	QP	LINE
4	0.53	10.44	9.97	0.10	10.07	30.58	46.00	-15.42	Average	LINE
5	0.78	14.30	9.97	0.10	10.06	34.43	56.00	-21.57	QP	LINE
6	0.78	9.68	9.97	0.10	10.06	29.81	46.00	-16.19	Average	LINE
7	1.43	10.12	9.99	0.13	10.06	30.30	56.00	-25.70	QP	LINE
8	1.43	5.07	9.99	0.13	10.06	25.25	46.00	-20.75	Average	LINE
9	3.57	1.80	9.97	0.18	10.06	22.01	56.00	-33.99	QP	LINE
10	3.57	-4.13	9.97	0.18	10.06	16.08	46.00	-29.92	Average	LINE
11	11.14	5.45	10.03	0.25	10.06	25.79	60.00	-34.21	QP	LINE
12	11.14	4.76	10.03	0.25	10.06	25.10	50.00	-24.90	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.

16. Photos of the EUT

Please refer to DDT-Q24111520-2E appendix I

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