

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5260MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

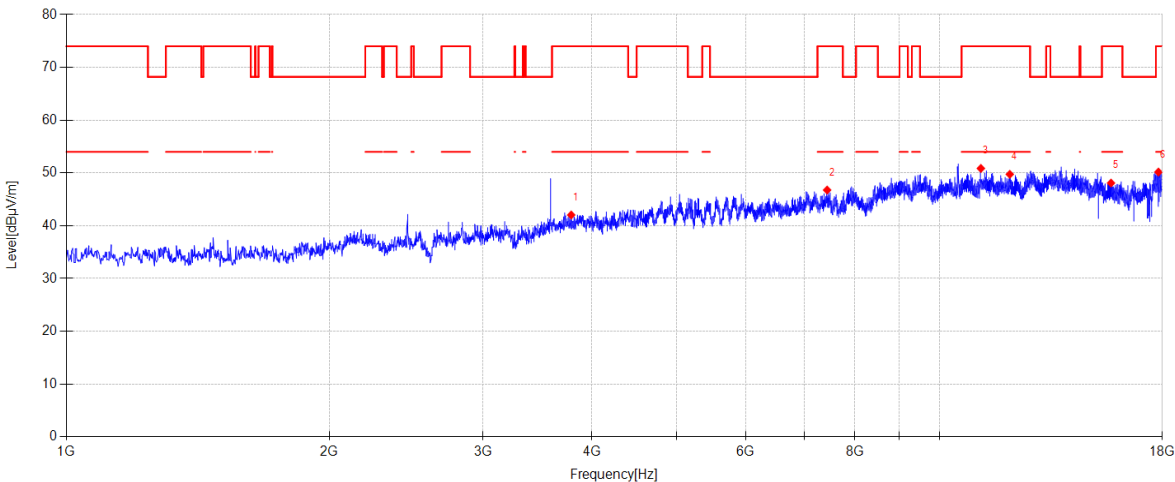
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Memo:

Power Setting:15

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	3786.300	45.78	30.65	5.24	-39.63	42.04	74.00	31.96	PK	Vertical
2	7436.200	43.23	36.63	7.51	-40.61	46.76	74.00	27.24	PK	Vertical
3	11154.100	42.25	39.25	8.51	-39.15	50.86	74.00	23.14	PK	Vertical
4	12038.100	41.45	39.24	9.04	-39.99	49.74	74.00	24.26	PK	Vertical
5	15722.000	38.92	38.46	10.11	-39.40	48.09	74.00	25.91	PK	Vertical
6	17816.400	37.62	40.98	11.59	-40.02	50.17	74.00	23.83	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5280MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

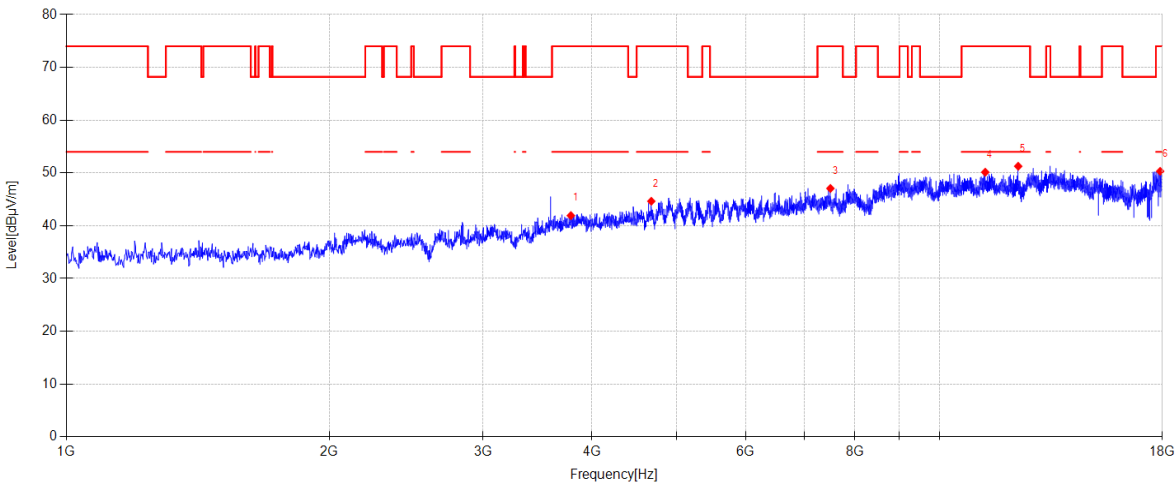
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Memo:

Power Setting:15

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	3782.900	45.68	30.63	5.24	-39.63	41.92	74.00	32.08	PK	Horizontal
2	4677.100	46.04	32.11	6.12	-39.63	44.64	74.00	29.36	PK	Horizontal
3	7500.800	43.56	36.50	7.55	-40.55	47.06	74.00	26.94	PK	Horizontal
4	11283.300	41.63	39.20	8.59	-39.28	50.14	74.00	23.86	PK	Horizontal
5	12308.400	42.75	39.30	9.16	-39.94	51.27	74.00	22.73	PK	Horizontal
6	17896.300	36.82	41.86	11.64	-40.01	50.31	74.00	23.69	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5280MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

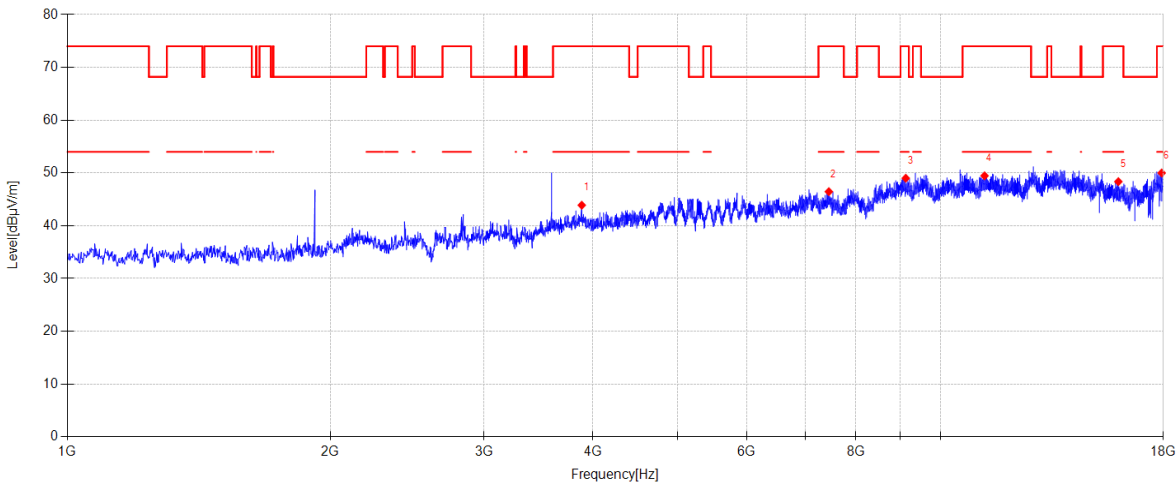
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Memo:

Power Setting:15

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	3883.200	47.17	31.10	5.27	-39.65	43.89	74.00	30.11	PK	Vertical
2	7449.800	42.94	36.60	7.52	-40.60	46.46	74.00	27.54	PK	Vertical
3	9126.000	41.27	38.50	8.13	-38.90	49.00	74.00	25.00	PK	Vertical
4	11232.300	40.93	39.20	8.56	-39.23	49.46	74.00	24.54	PK	Vertical
5	15987.200	39.51	38.01	10.23	-39.40	48.35	74.00	25.65	PK	Vertical
6	17920.100	36.35	42.00	11.66	-40.01	50.00	74.00	24.00	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5320MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

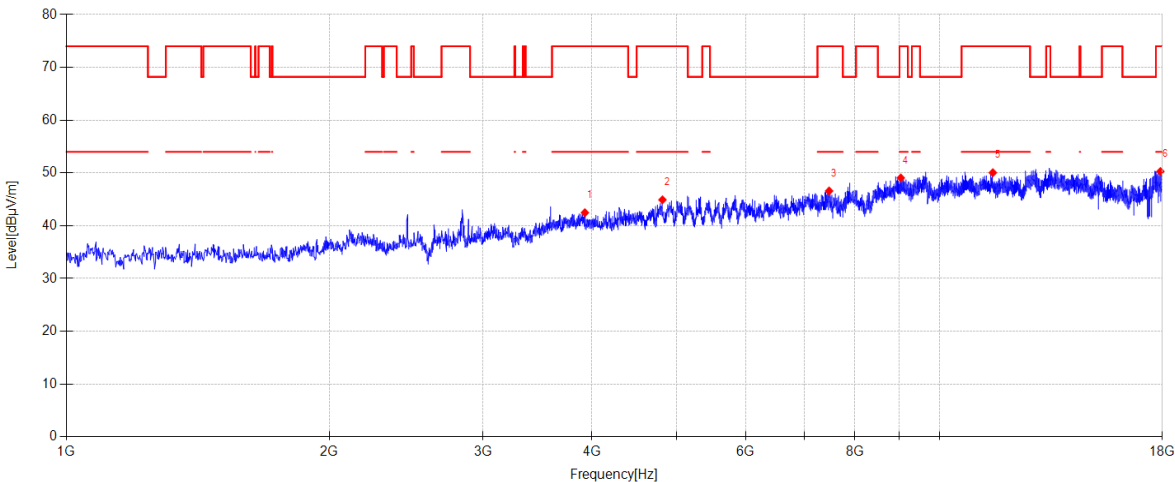
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Memo:

Power Setting:15

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	3925.700	45.69	31.15	5.29	-39.66	42.47	74.00	31.53	PK	Horizontal
2	4816.500	45.31	32.93	6.28	-39.61	44.91	74.00	29.09	PK	Horizontal
3	7475.300	43.08	36.55	7.53	-40.57	46.59	74.00	27.41	PK	Horizontal
4	9030.800	41.39	38.36	8.13	-38.82	49.06	74.00	24.94	PK	Horizontal
5	11511.100	41.65	39.18	8.73	-39.51	50.05	74.00	23.95	PK	Horizontal
6	17906.500	36.71	41.93	11.65	-40.01	50.28	74.00	23.72	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5320MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

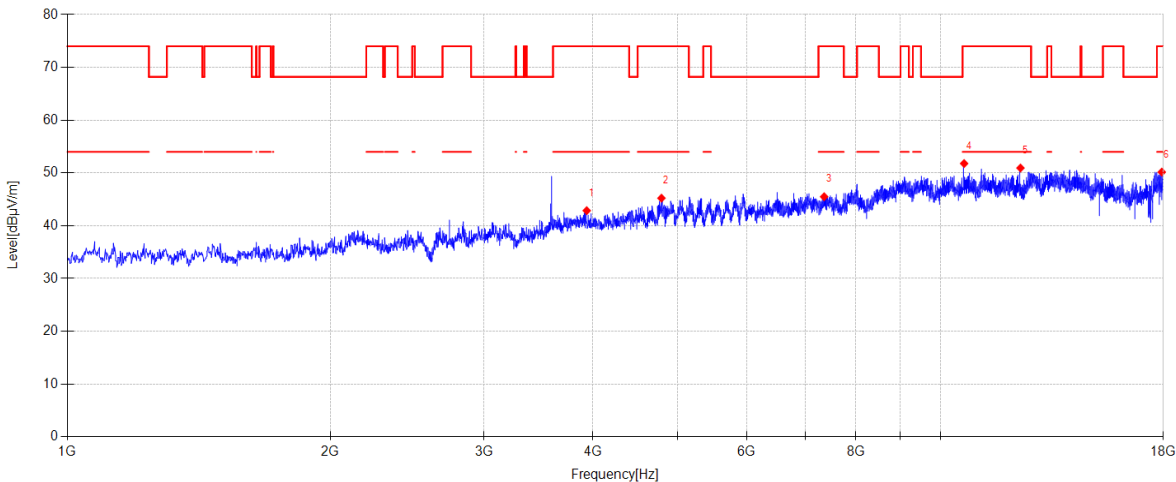
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Memo:

Power Setting:15

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	3934.200	46.10	31.13	5.29	-39.66	42.86	74.00	31.14	PK	Vertical
2	4791.000	46.13	32.46	6.25	-39.62	45.22	74.00	28.78	PK	Vertical
3	7358.000	41.94	36.78	7.46	-40.68	45.50	74.00	28.50	PK	Vertical
4	10644.100	43.40	39.29	8.31	-39.21	51.79	74.00	22.21	PK	Vertical
5	12349.200	42.39	39.30	9.18	-39.93	50.94	74.00	23.06	PK	Vertical
6	17923.500	36.49	42.02	11.66	-40.01	50.16	74.00	23.84	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5500MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

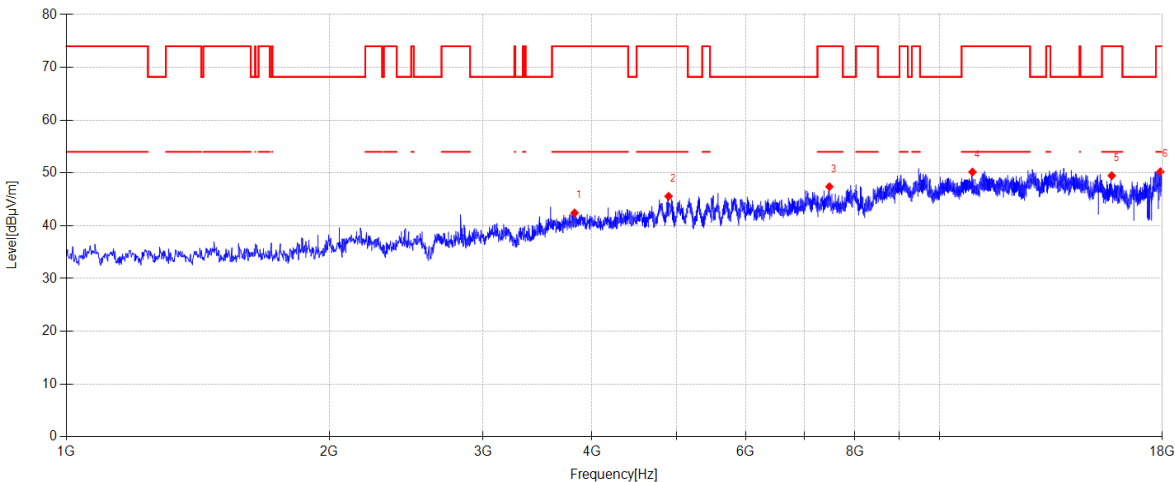
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Memo:

Power Setting:15

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	3820.300	46.04	30.78	5.25	-39.64	42.43	74.00	31.57	PK	Horizontal
2	4894.700	45.73	33.08	6.37	-39.61	45.57	74.00	28.43	PK	Horizontal
3	7480.400	43.89	36.54	7.54	-40.57	47.40	74.00	26.60	PK	Horizontal
4	10911.000	41.54	39.30	8.39	-39.05	50.18	74.00	23.82	PK	Horizontal
5	15750.900	40.35	38.40	10.13	-39.40	49.48	74.00	24.52	PK	Horizontal
6	17904.800	36.66	41.92	11.65	-40.01	50.22	74.00	23.78	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5500MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

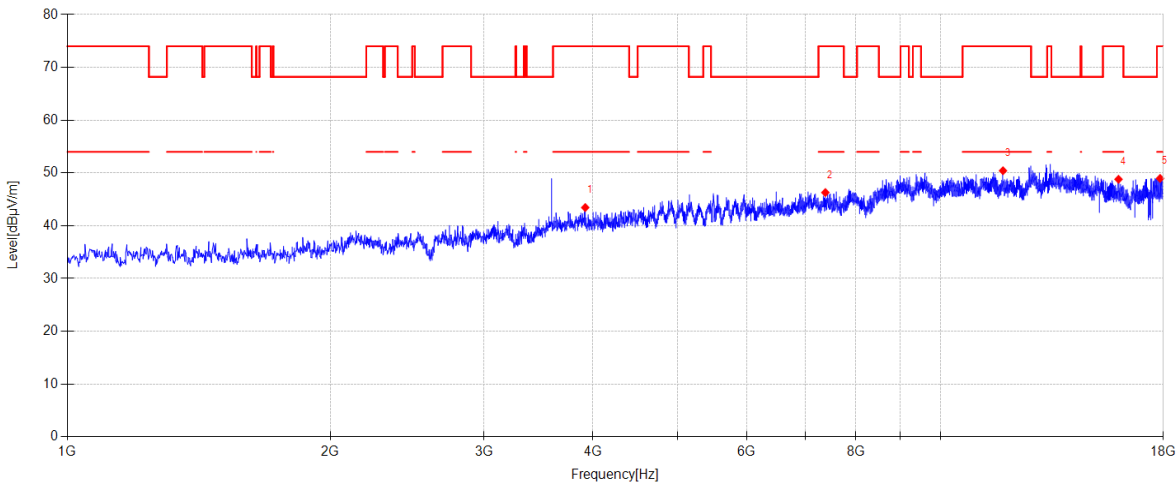
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Memo:

Power Setting:15

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	3918.900	46.67	31.16	5.28	-39.66	43.45	74.00	30.55	PK	Vertical
2	7381.800	42.74	36.74	7.47	-40.66	46.29	74.00	27.71	PK	Vertical
3	11793.300	42.40	38.91	8.90	-39.79	50.42	74.00	23.58	PK	Vertical
4	15994.000	39.95	38.01	10.24	-39.40	48.80	74.00	25.20	PK	Vertical
5	17847.000	36.06	41.32	11.61	-40.02	48.97	74.00	25.03	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5580MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

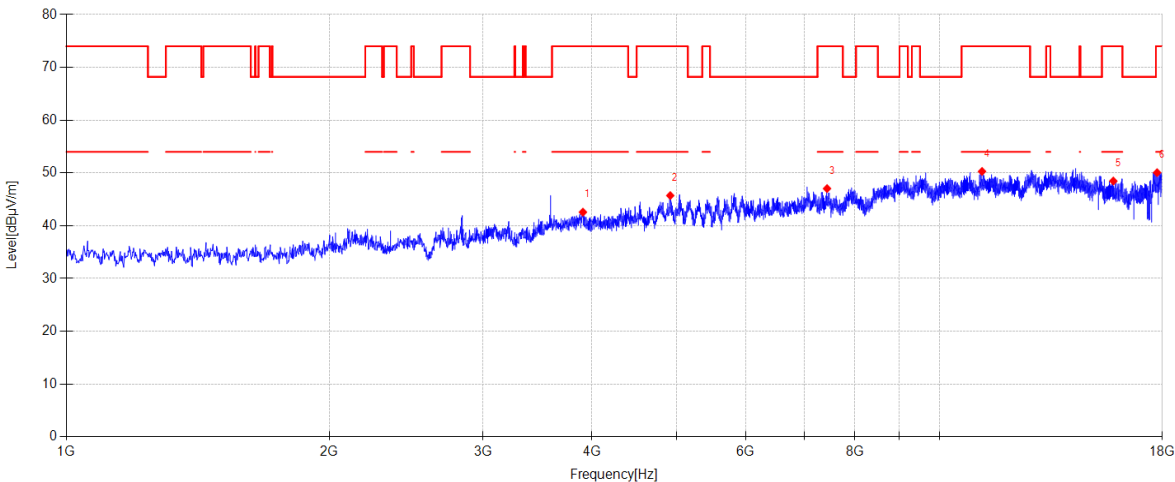
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Memo:

Power Setting:15

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	3905.300	45.76	31.19	5.28	-39.66	42.57	74.00	31.43	PK	Horizontal
2	4916.800	45.90	33.03	6.40	-39.61	45.72	74.00	28.28	PK	Horizontal
3	7434.500	43.51	36.63	7.51	-40.61	47.04	74.00	26.96	PK	Horizontal
4	11188.100	41.74	39.21	8.53	-39.19	50.29	74.00	23.71	PK	Horizontal
5	15817.200	39.44	38.27	10.16	-39.40	48.47	74.00	25.53	PK	Horizontal
6	17753.500	37.93	40.61	11.54	-40.02	50.06	74.00	23.94	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5580MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

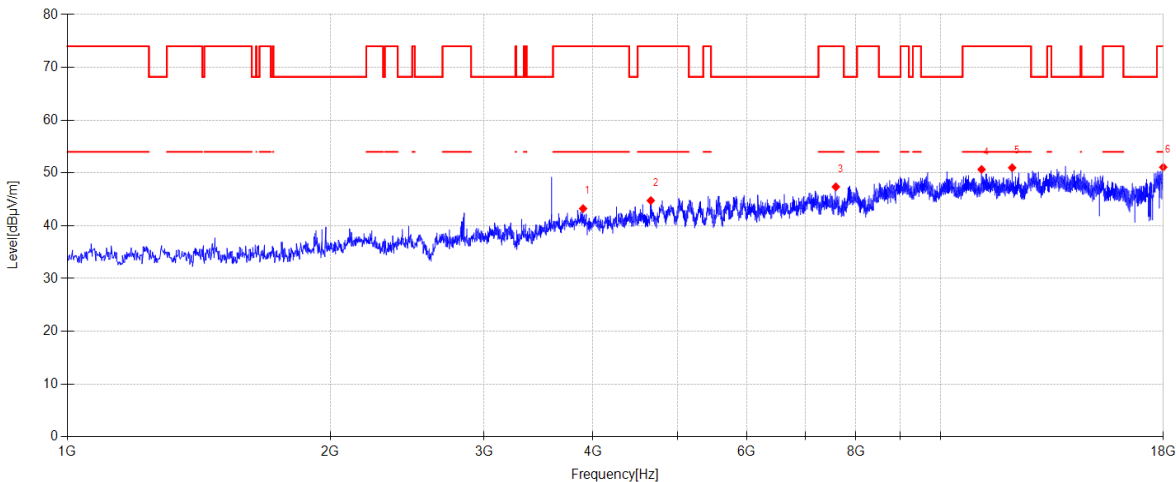
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Memo:

Power Setting:15

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	3896.800	46.45	31.18	5.28	-39.66	43.25	74.00	30.75	PK	Vertical
2	4658.400	46.28	32.03	6.09	-39.63	44.77	74.00	29.23	PK	Vertical
3	7589.200	43.75	36.48	7.61	-40.47	47.37	74.00	26.63	PK	Vertical
4	11145.600	42.05	39.25	8.51	-39.15	50.66	74.00	23.34	PK	Vertical
5	12082.300	42.63	39.28	9.06	-39.98	50.99	74.00	23.01	PK	Vertical
6	17994.900	37.00	42.37	11.72	-40.00	51.09	74.00	22.91	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

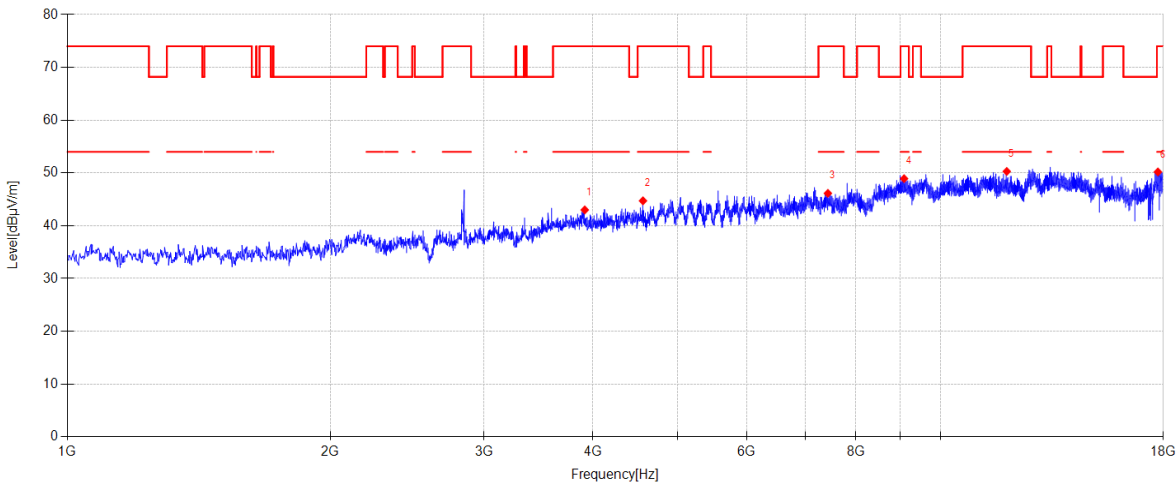
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Memo:

Power Setting:15

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	3913.800	46.21	31.17	5.28	-39.66	43.00	74.00	31.00	PK	Horizontal
2	4563.200	46.47	31.90	5.98	-39.63	44.72	74.00	29.28	PK	Horizontal
3	7431.100	42.60	36.64	7.51	-40.61	46.14	74.00	27.86	PK	Horizontal
4	9085.200	41.19	38.47	8.13	-38.87	48.92	74.00	25.08	PK	Horizontal
5	11910.600	42.30	38.93	8.97	-39.91	50.29	74.00	23.71	PK	Horizontal
6	17741.600	38.12	40.57	11.53	-40.03	50.19	74.00	23.81	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

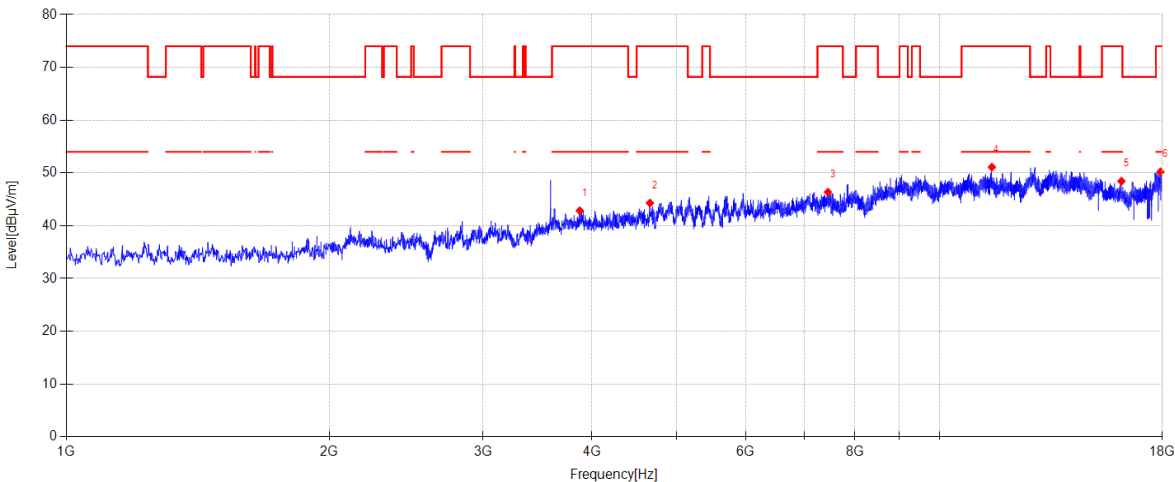
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Memo:

Power Setting:15

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	3873.000	46.18	31.04	5.27	-39.65	42.84	74.00	31.16	PK	Vertical
2	4660.100	45.79	32.04	6.10	-39.63	44.30	74.00	29.70	PK	Vertical
3	7451.500	42.84	36.60	7.52	-40.59	46.37	74.00	27.63	PK	Vertical
4	11482.200	42.66	39.22	8.71	-39.48	51.11	74.00	22.89	PK	Vertical
5	16158.900	39.76	37.84	10.36	-39.51	48.45	74.00	25.55	PK	Vertical
6	17909.900	36.61	41.95	11.65	-40.01	50.20	74.00	23.80	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-02-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5720MHz

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

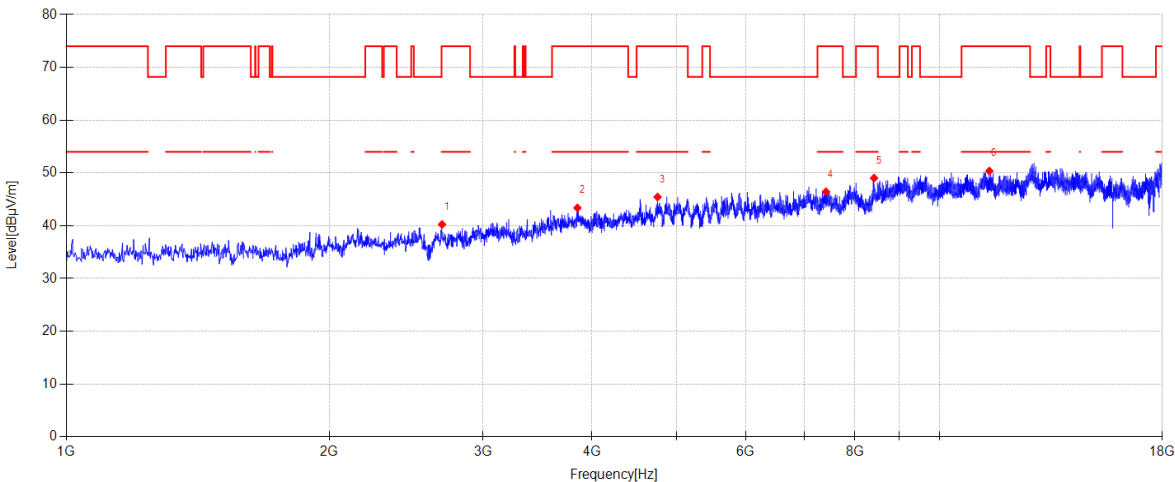
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Memo:

Power Setting:15

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	2693.200	47.11	27.51	4.67	-39.05	40.24	74.00	33.76	PK	Horizontal
2	3849.200	46.86	30.90	5.26	-39.64	43.38	74.00	30.62	PK	Horizontal
3	4755.300	46.53	32.32	6.21	-39.62	45.44	74.00	28.56	PK	Horizontal
4	7414.100	42.90	36.67	7.50	-40.63	46.44	74.00	27.56	PK	Horizontal
5	8415.400	43.10	37.50	7.98	-39.56	49.02	74.00	24.98	PK	Horizontal
6	11407.400	41.83	39.29	8.66	-39.41	50.37	74.00	23.63	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:

2025-02-19

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AX20 5720MHz

Power Supply:

AC 120/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

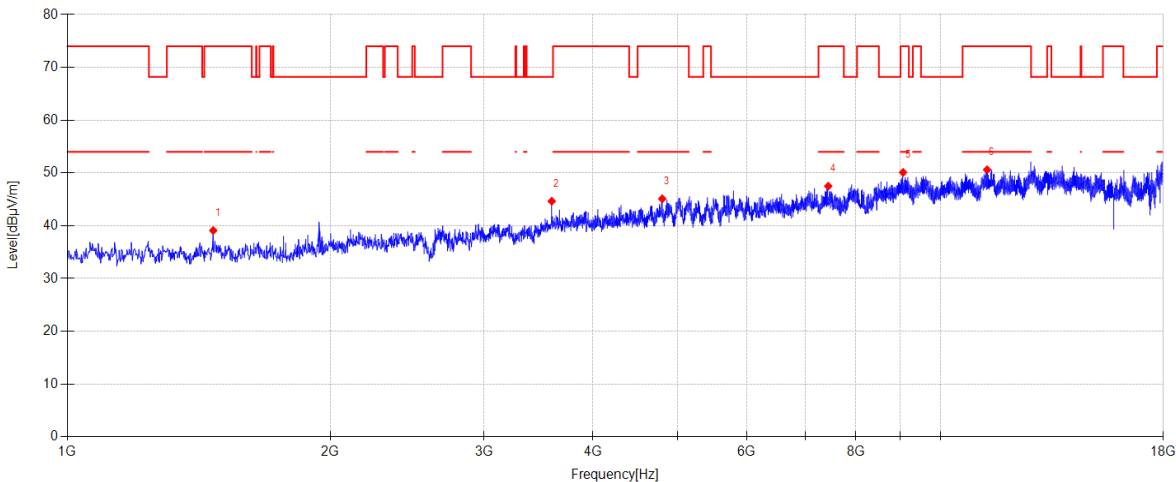
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Memo:

Power Setting:15

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	1469.200	47.81	25.38	3.32	-37.42	39.09	74.00	34.91	PK	Vertical
2	3587.400	49.05	30.00	5.18	-39.58	44.65	68.20	23.55	PK	Vertical
3	4801.200	45.94	32.53	6.26	-39.62	45.11	74.00	28.89	PK	Vertical
4	7437.900	43.97	36.62	7.51	-40.61	47.49	74.00	26.51	PK	Vertical
5	9061.400	42.40	38.42	8.13	-38.85	50.10	74.00	23.90	PK	Vertical
6	11308.800	42.10	39.21	8.61	-39.31	50.61	74.00	23.39	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

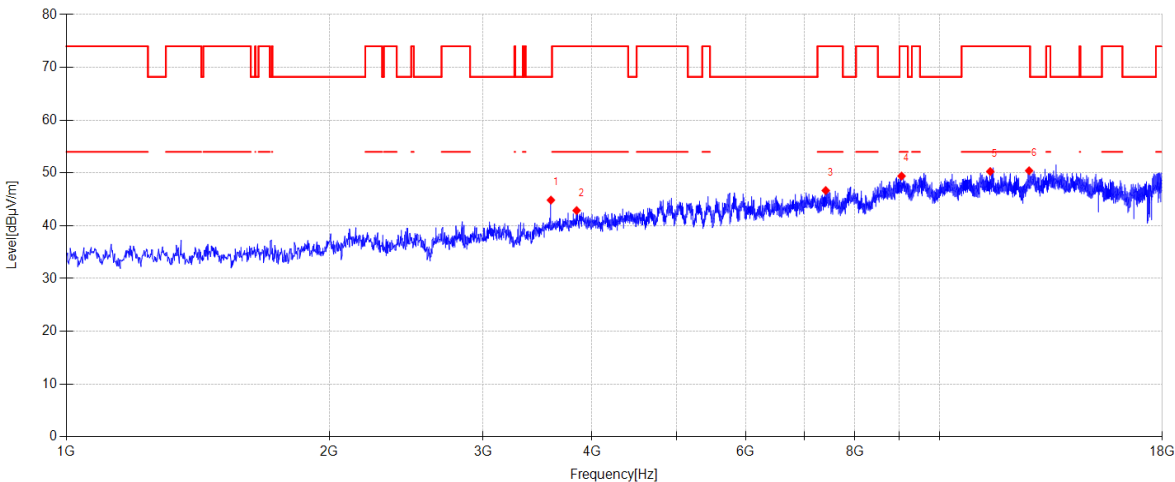
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d:\ts\2024 report data\Bar1000MK2\FCC ABOVE1G 5.8G WIFI\1

Memo:

Power Setting:15

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	3589.100	49.25	30.00	5.18	-39.58	44.85	68.20	23.35	PK	Horizontal
2	3840.700	46.40	30.86	5.26	-39.64	42.88	74.00	31.12	PK	Horizontal
3	7409.000	43.13	36.68	7.49	-40.63	46.67	74.00	27.33	PK	Horizontal
4	9049.500	41.72	38.40	8.13	-38.84	49.41	74.00	24.59	PK	Horizontal
5	11432.900	41.75	39.27	8.68	-39.43	50.27	74.00	23.73	PK	Horizontal
6	12667.100	41.43	39.53	9.33	-39.87	50.42	74.00	23.58	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5745MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

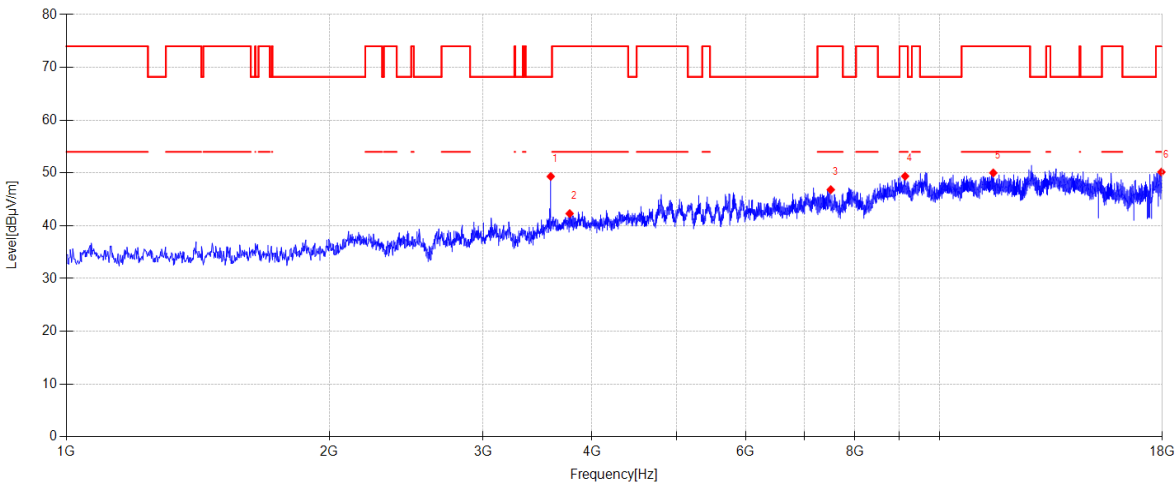
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Memo:

Power Setting:15

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	3587.400	53.73	30.00	5.18	-39.58	49.33	68.20	18.87	PK	Vertical
2	3771.000	46.11	30.58	5.24	-39.63	42.30	74.00	31.70	PK	Vertical
3	7507.600	43.34	36.48	7.55	-40.54	46.83	74.00	27.17	PK	Vertical
4	9134.500	41.67	38.50	8.13	-38.91	49.39	74.00	24.61	PK	Vertical
5	11524.700	41.65	39.15	8.73	-39.52	50.01	74.00	23.99	PK	Vertical
6	17955.800	36.30	42.18	11.69	-40.00	50.17	74.00	23.83	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

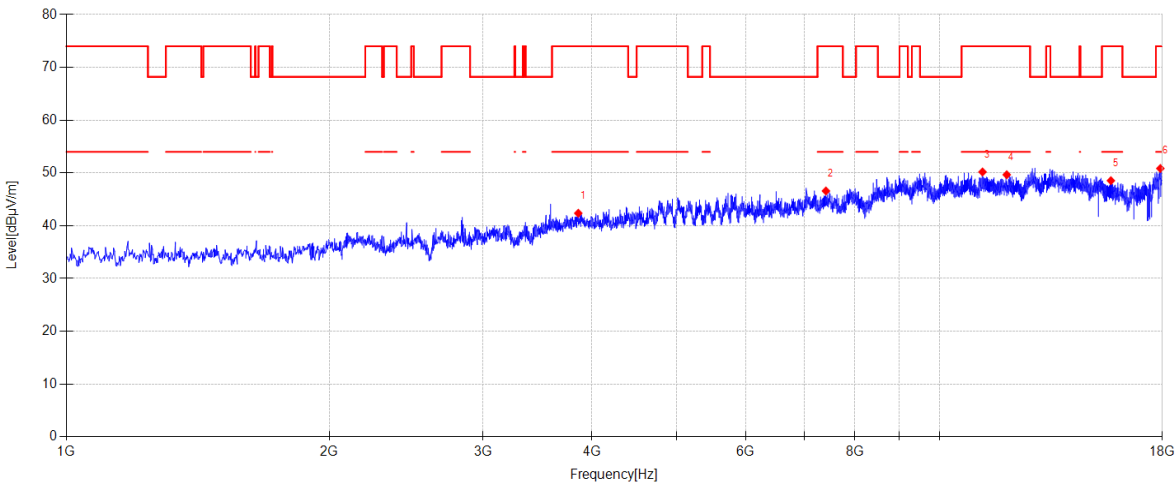
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Memo:

Power Setting:15

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	3857.700	45.80	30.95	5.27	-39.65	42.37	74.00	31.63	PK	Horizontal
2	7412.400	43.05	36.68	7.49	-40.63	46.59	74.00	27.41	PK	Horizontal
3	11201.700	41.65	39.20	8.54	-39.20	50.19	74.00	23.81	PK	Horizontal
4	11941.200	41.60	39.02	8.98	-39.94	49.66	74.00	24.34	PK	Horizontal
5	15716.900	39.36	38.47	10.11	-39.40	48.54	74.00	25.46	PK	Horizontal
6	17906.500	37.28	41.93	11.65	-40.01	50.85	74.00	23.15	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5785MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

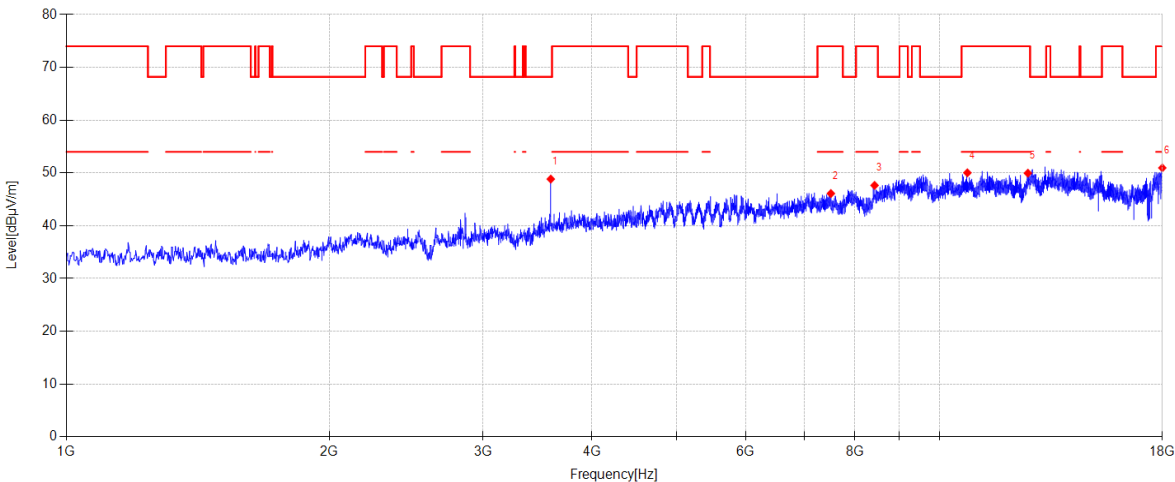
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Memo:

Power Setting:15

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	3587.400	53.24	30.00	5.18	-39.58	48.84	68.20	19.36	PK	Vertical
2	7509.300	42.60	36.48	7.56	-40.54	46.10	74.00	27.90	PK	Vertical
3	8427.300	41.70	37.50	7.98	-39.54	47.64	74.00	26.36	PK	Vertical
4	10764.800	41.43	39.40	8.34	-39.14	50.03	74.00	23.97	PK	Vertical
5	12626.300	41.07	39.45	9.31	-39.87	49.96	74.00	24.04	PK	Vertical
6	17998.300	36.85	42.39	11.72	-40.00	50.96	74.00	23.04	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

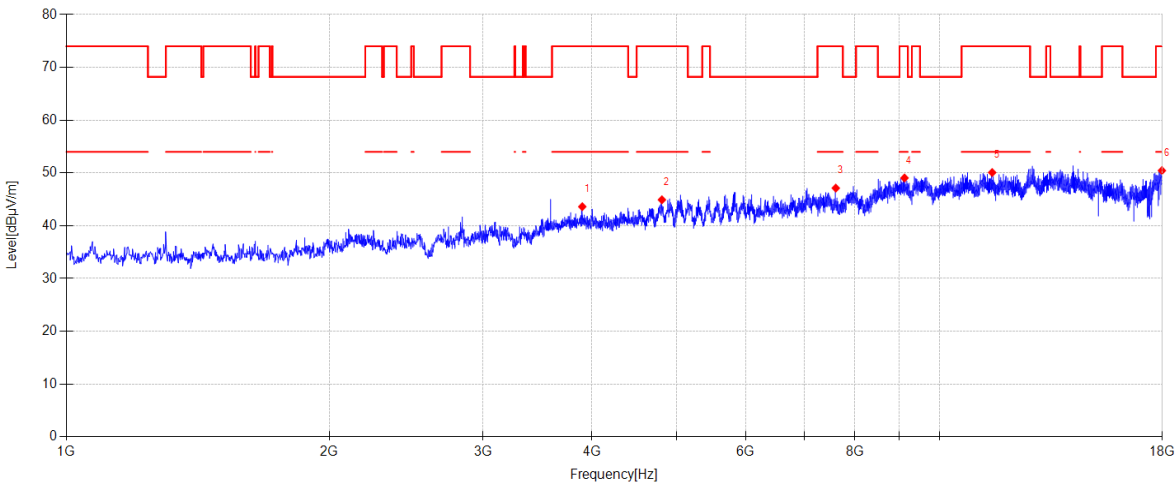
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Memo:

Power Setting:15

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	3898.500	46.80	31.19	5.28	-39.66	43.61	74.00	30.39	PK	Horizontal
2	4809.700	45.51	32.75	6.27	-39.62	44.91	74.00	29.09	PK	Horizontal
3	7607.900	43.44	36.52	7.62	-40.45	47.13	74.00	26.87	PK	Horizontal
4	9119.200	41.32	38.50	8.13	-38.90	49.05	74.00	24.95	PK	Horizontal
5	11492.400	41.64	39.21	8.72	-39.49	50.08	74.00	23.92	PK	Horizontal
6	17979.600	36.44	42.30	11.71	-40.00	50.45	74.00	23.55	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-17

Tested By:

Gen Liu

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX MIMO AX20 5825MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

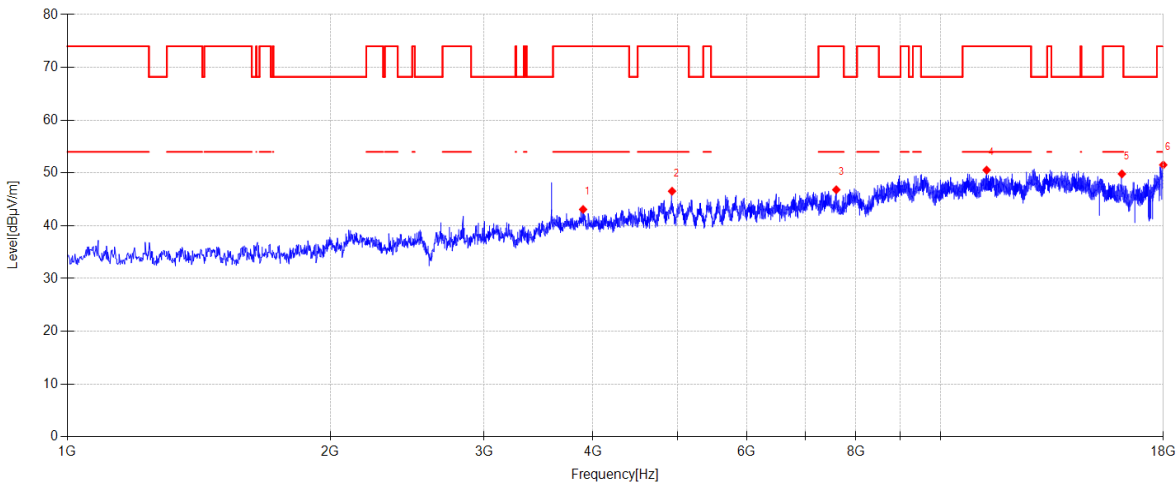
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Memo:

Power Setting:15

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	3896.800	46.29	31.18	5.28	-39.66	43.09	74.00	30.91	PK	Vertical
2	4927.000	46.69	33.05	6.41	-39.61	46.54	74.00	27.46	PK	Vertical
3	7597.700	43.17	36.50	7.61	-40.46	46.82	74.00	27.18	PK	Vertical
4	11295.200	42.04	39.20	8.60	-39.30	50.54	74.00	23.46	PK	Vertical
5	16136.800	41.12	37.86	10.34	-39.50	49.82	74.00	24.18	PK	Vertical
6	17996.600	37.43	42.38	11.72	-40.00	51.53	74.00	22.47	PK	Vertical

Note:

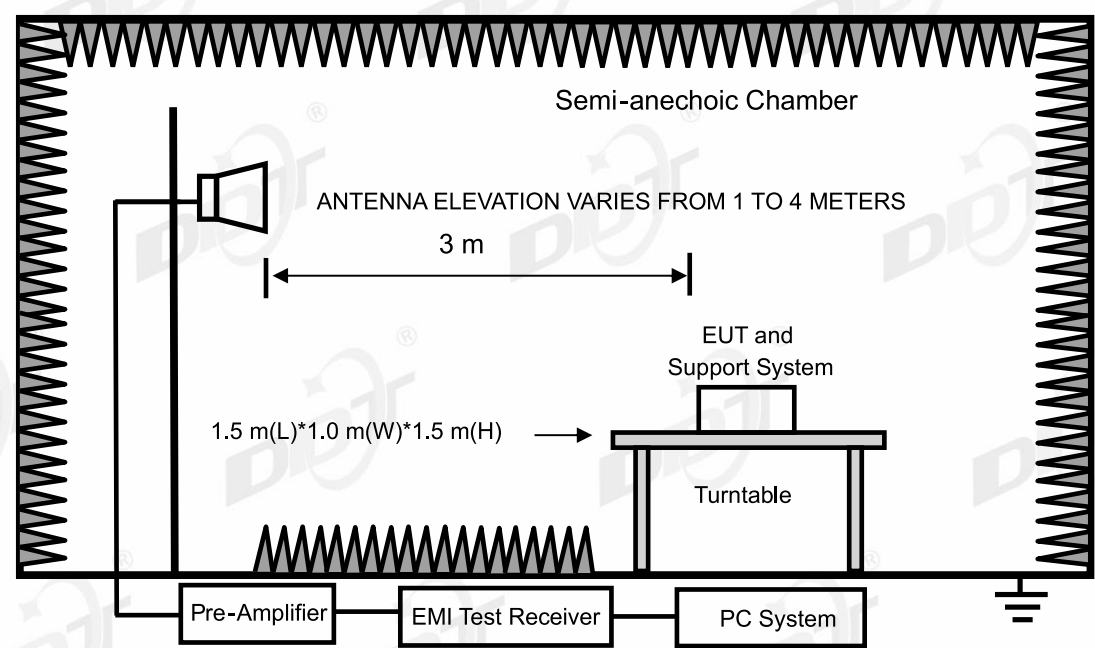
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Band Edge Compliance

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/18
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
RF cable	Yuhu Technology	ZT26S-SMAJ- SMAJ-1M	DDT-ZC02037	2025/03/31
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ- 1.5M	DDT-ZC02762	2025/03/31
RF cable	Yuhu Technology	JCTB810-NJ-NJ- 9M	DDT-ZC02538	2025/03/31
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/

14.2. Block diagram of test setup



14.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

14.4. Assistant equipment used for test

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

14.5. Test procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

14.6. Test result

PASS. (See below detailed test result)

14.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5180MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

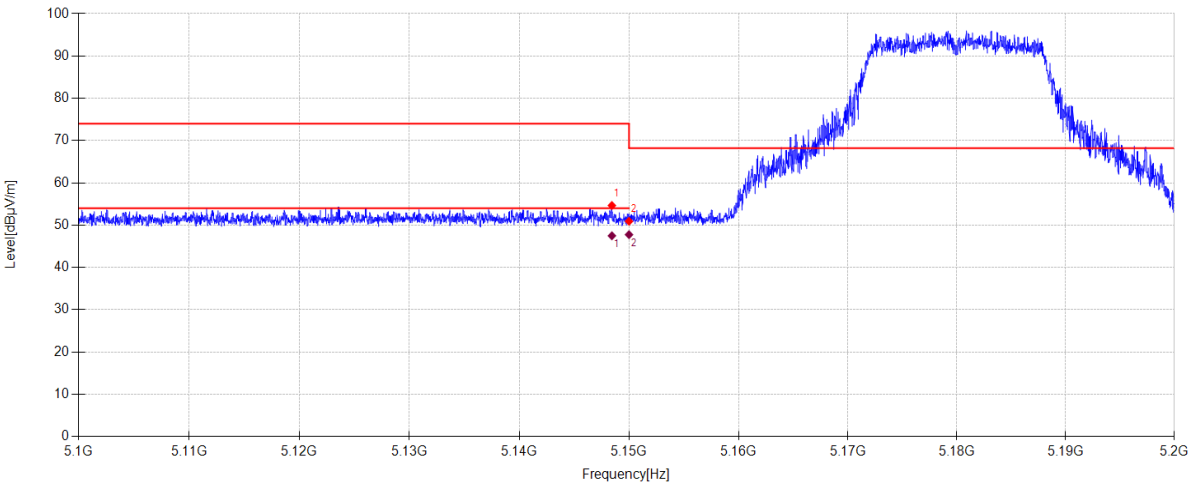
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Memo:

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	5148.440	45.57	33.40	5.28	-29.60	54.65	74.00	19.35	PK	Horizontal
2	5150.000	41.84	33.40	5.28	-29.60	50.92	68.20	17.28	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5148.440	38.41	33.40	5.28	47.49	54.0	6.51	AV	Horizontal	
2	5150.000	38.67	33.40	5.28	47.75	54.0	6.25	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:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5180MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

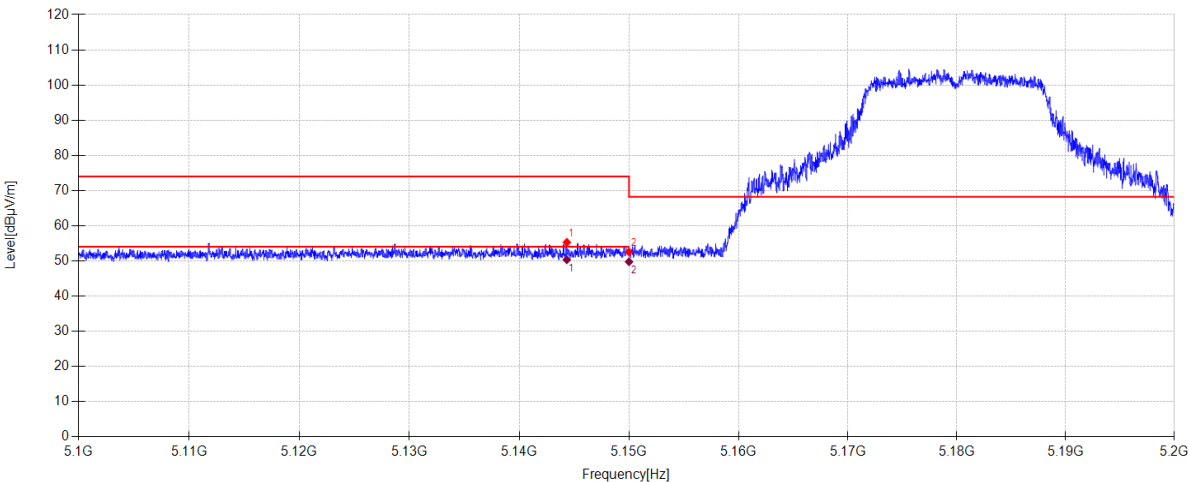
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Memo:

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	5144.330	46.20	33.40	5.28	-29.60	55.28	74.00	18.72	PK	Vertical
2	5150.000	43.47	33.40	5.28	-29.60	52.55	68.20	15.65	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5144.330	41.26	33.40	5.28	50.34	54.0	3.66	AV	Vertical	
2	5150.000	40.67	33.40	5.28	49.75	54.0	4.25	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5320MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

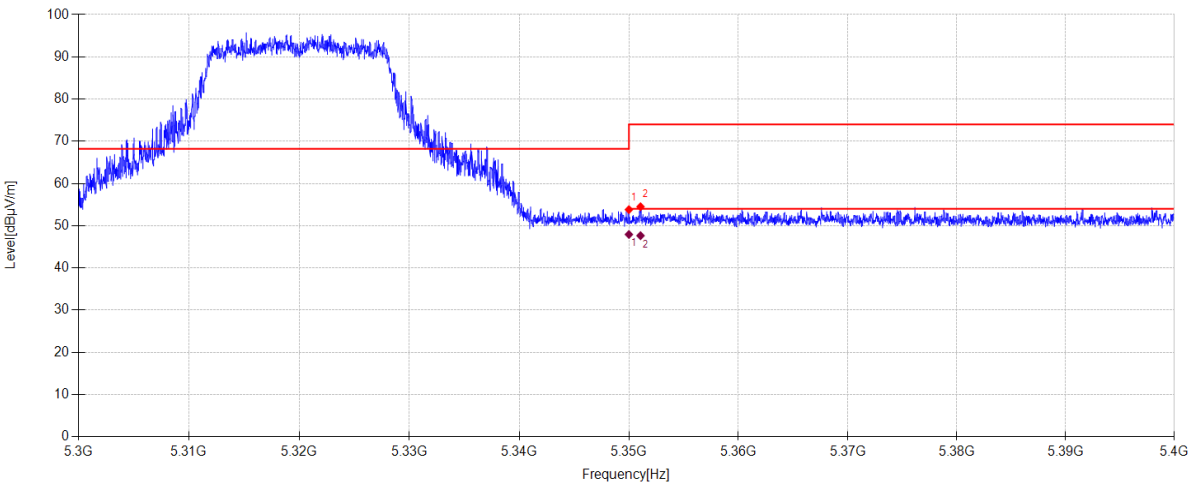
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Memo:

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	5350.000	44.91	33.10	5.41	-29.60	53.82	68.20	14.38	PK	Horizontal
2	5351.060	45.60	33.10	5.41	-29.60	54.51	74.00	19.49	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	5350.000	39.02	33.10	5.41	47.93	54.0	6.07	AV	Horizontal	
2	5351.060	38.74	33.10	5.41	47.65	54.0	6.35	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5320MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

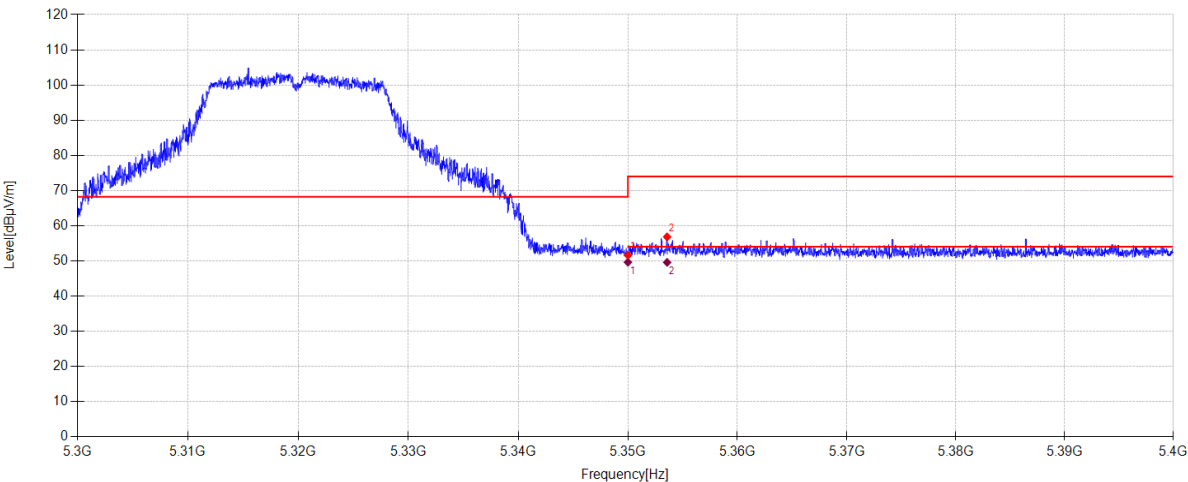
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Memo:

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	5350.000	42.70	33.10	5.41	-29.60	51.61	68.20	16.59	PK	Vertical
2	5353.580	47.92	33.10	5.41	-29.60	56.83	74.00	17.17	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	40.72	33.10	5.41	49.63	54.0	4.37	AV	Vertical	
2	5353.580	40.67	33.10	5.41	49.58	54.0	4.42	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5500MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

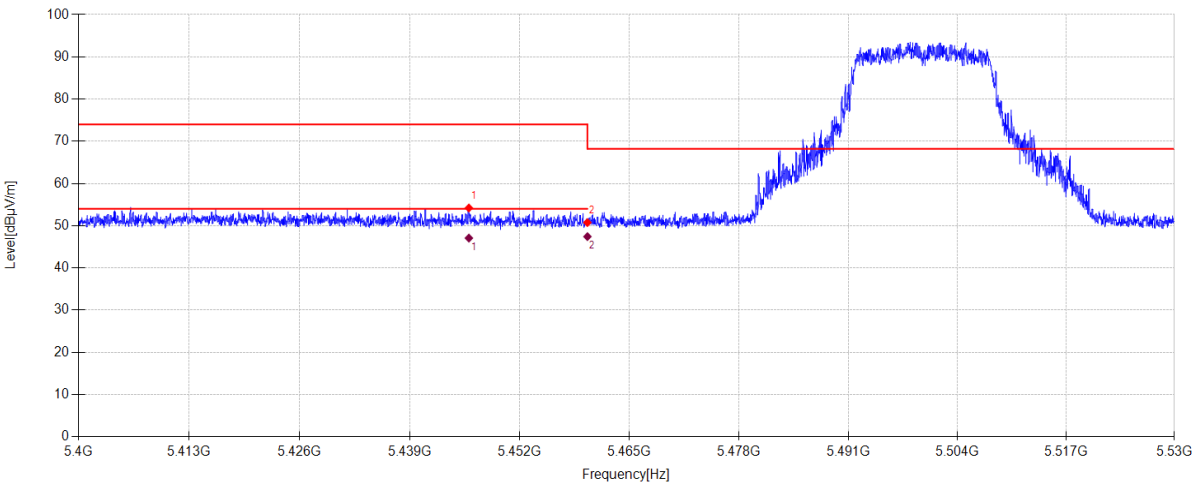
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Memo:

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	5445.968	45.33	33.01	5.47	-29.60	54.21	74.00	19.79	PK	Horizontal
2	5460.000	41.87	33.00	5.48	-29.60	50.75	68.20	17.45	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5445.968	38.19	33.01	5.47	47.07	54.0	6.93	AV	Horizontal	
2	5460.000	38.54	33.00	5.48	47.42	54.0	6.58	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5500MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

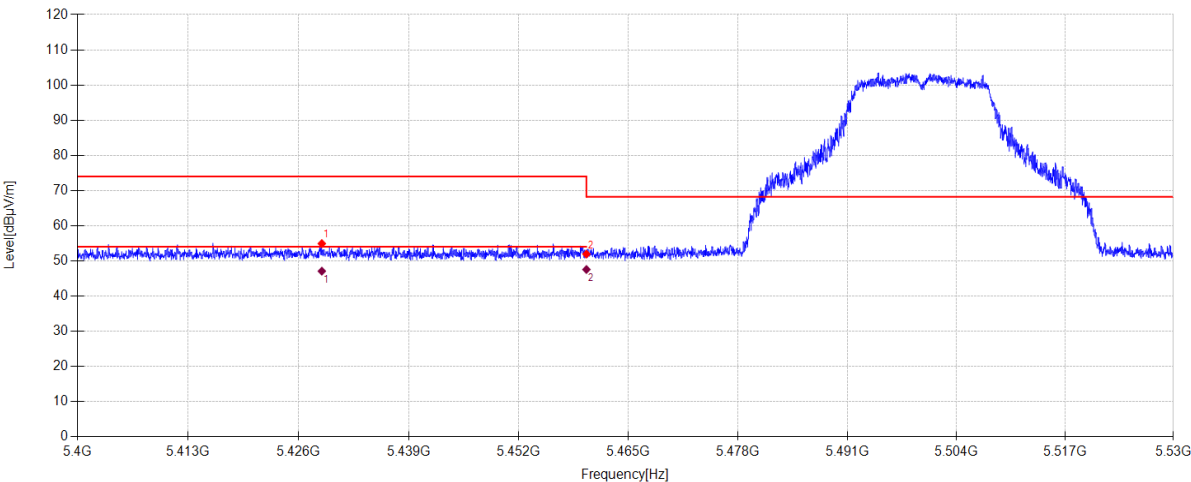
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Memo:

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	5428.730	46.02	33.04	5.46	-29.60	54.92	74.00	19.08	PK	Vertical
2	5460.000	43.06	33.00	5.48	-29.60	51.94	68.20	16.26	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	5428.730	38.19	33.04	5.46	47.09	54.0	6.91	AV	Vertical	
2	5460.000	38.68	33.00	5.48	47.56	54.0	6.44	AV	Vertical	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

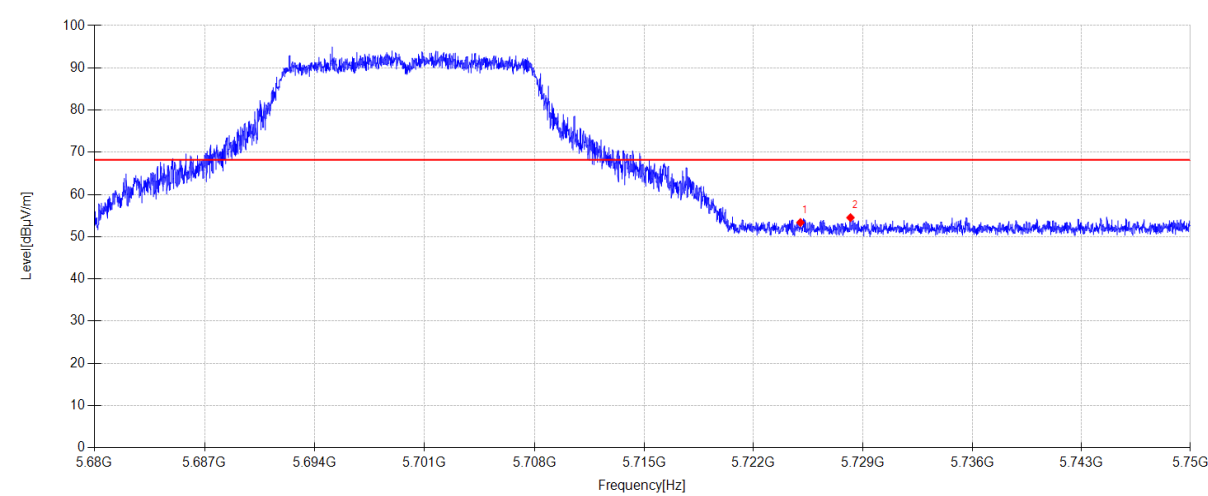
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Memo:

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	5725.000	43.56	33.75	5.66	-29.60	53.37	68.20	14.83	PK	Horizontal
2	5728.202	44.69	33.77	5.66	-29.60	54.52	68.20	13.68	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT2 11A 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

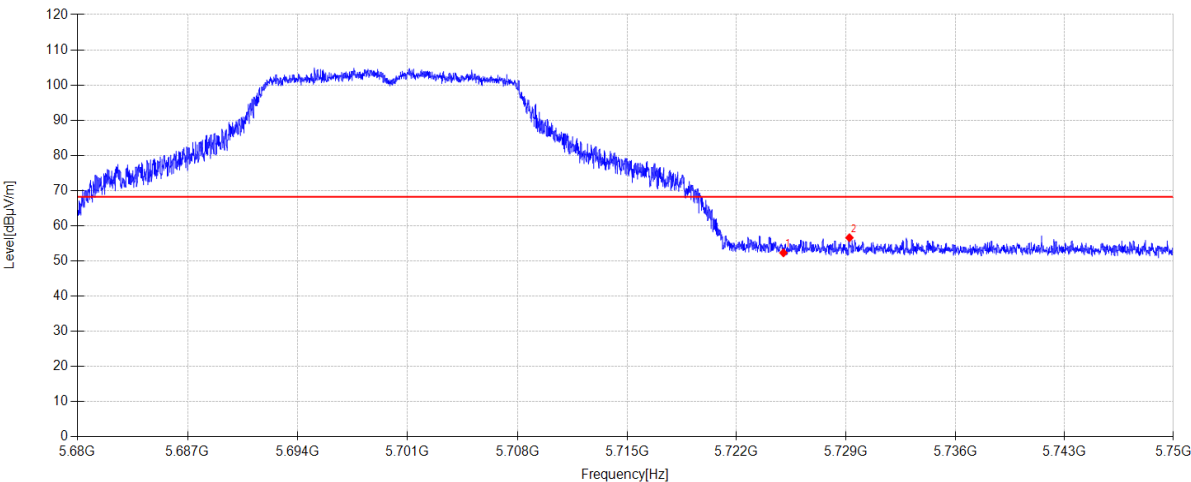
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Memo:

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	5725.000	42.47	33.75	5.66	-29.60	52.28	68.20	15.92	PK	Vertical
2	5729.224	46.75	33.78	5.66	-29.60	56.59	68.20	11.61	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

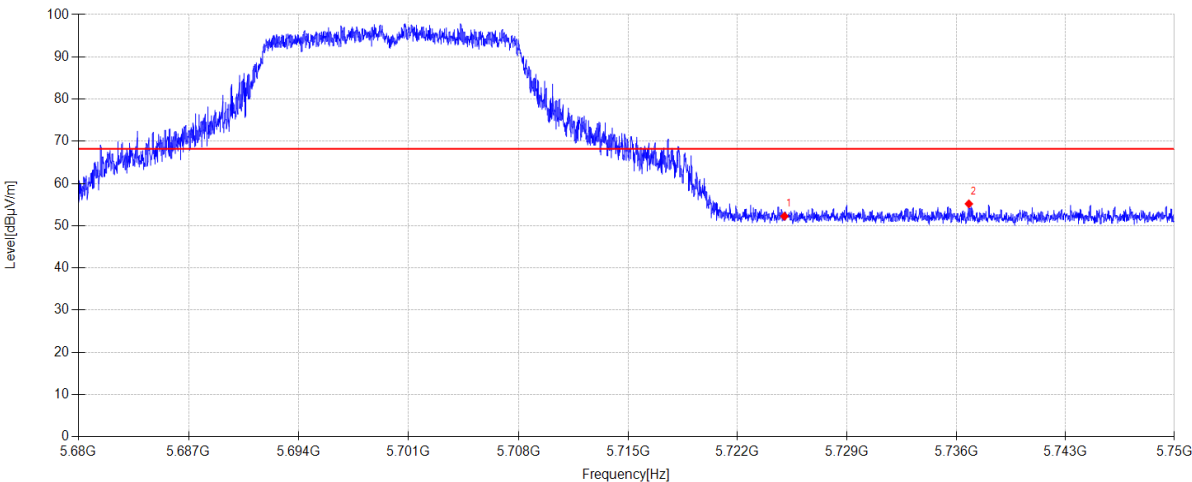
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Memo:

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	5725.000	42.44	33.75	5.66	-29.60	52.25	68.20	15.95	PK	Horizontal
2	5736.812	45.29	33.82	5.67	-29.60	55.18	68.20	13.02	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

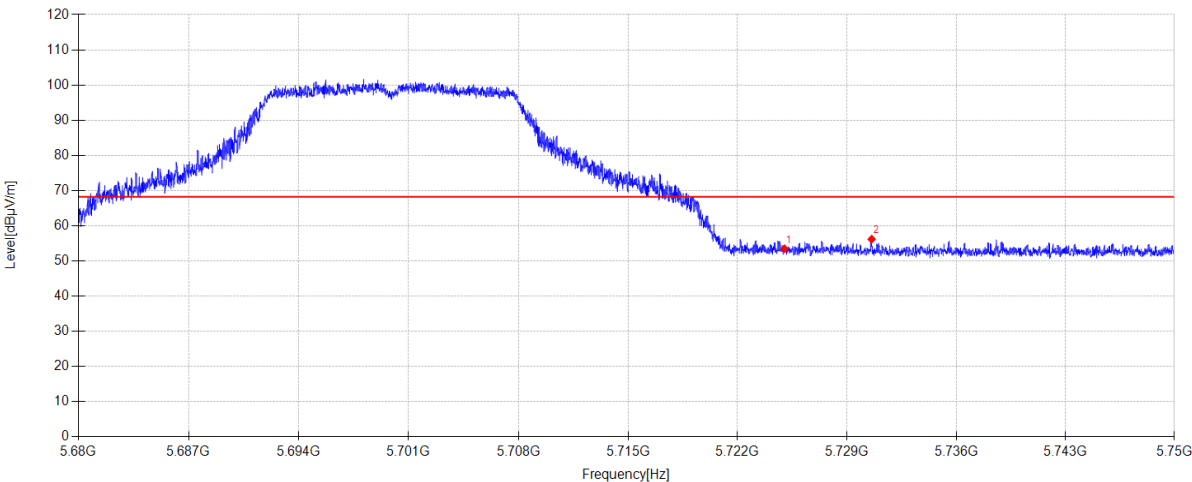
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Memo:

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	5725.000	43.63	33.75	5.66	-29.60	53.44	68.20	14.76	PK	Vertical
2	5730.582	46.34	33.78	5.66	-29.60	56.18	68.20	12.02	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5500MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

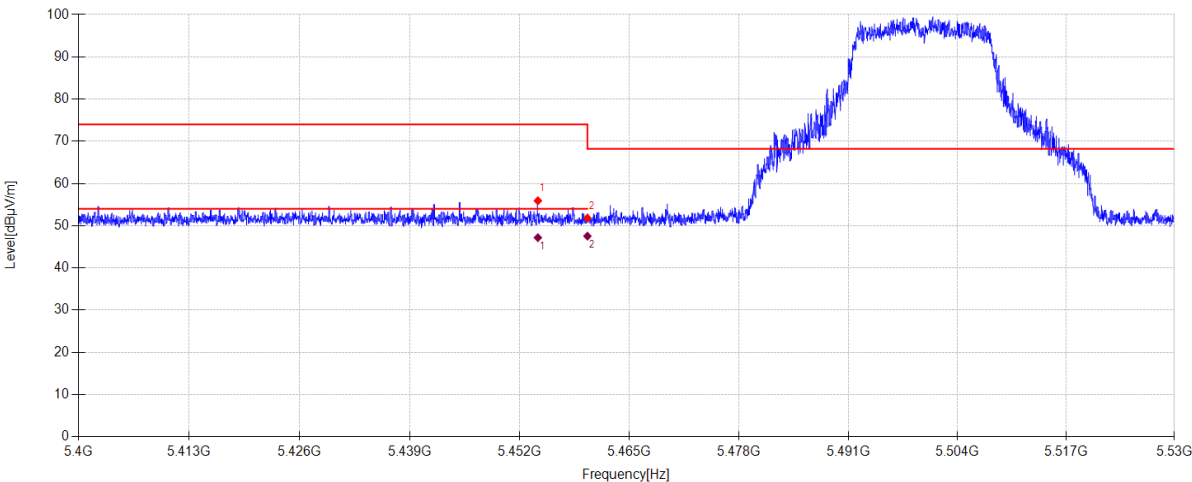
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Memo:

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	5454.132	47.04	33.00	5.48	-29.60	55.92	74.00	18.08	PK	Horizontal
2	5460.000	42.92	33.00	5.48	-29.60	51.80	68.20	16.40	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	5454.132	38.29	33.00	5.48	47.17	54.0	6.83	AV	Horizontal	
2	5460.000	38.66	33.00	5.48	47.54	54.0	6.46	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5500MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

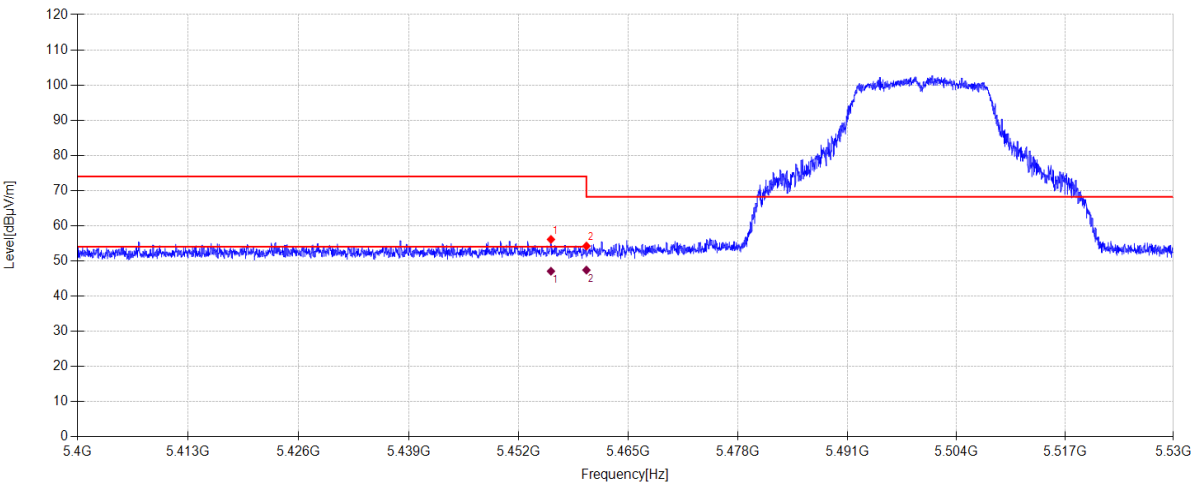
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Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.796	47.22	33.00	5.48	-29.60	56.10	74.00	17.90	PK	Vertical
2	5460.000	45.34	33.00	5.48	-29.60	54.22	68.20	13.98	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5455.796	38.19	33.00	5.48	47.07	54.0	6.93	AV	Vertical	
2	5460.000	38.51	33.00	5.48	47.39	54.0	6.61	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5320MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

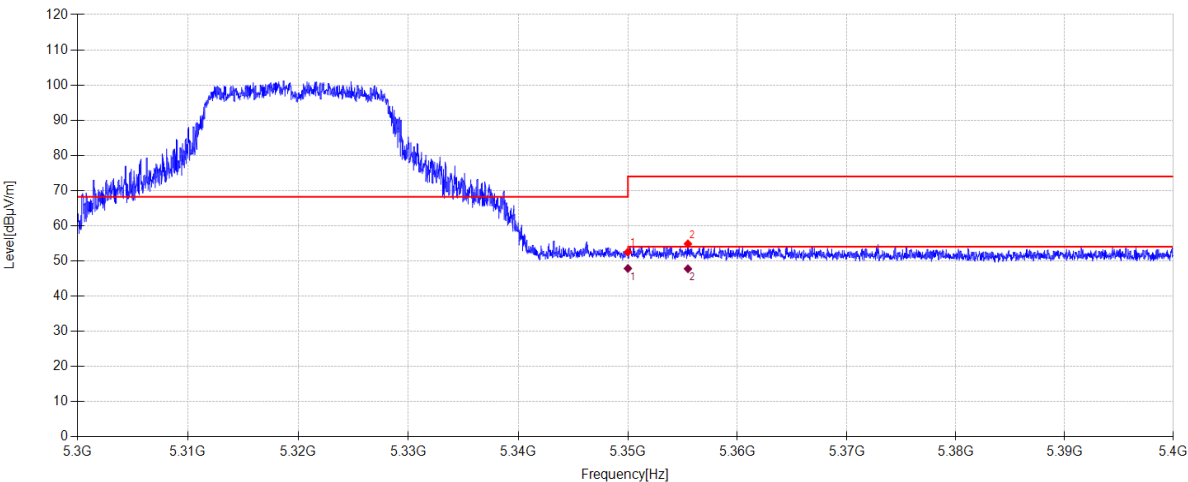
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Memo:

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	5350.000	43.62	33.10	5.41	-29.60	52.53	68.20	15.67	PK	Horizontal
2	5355.480	45.94	33.10	5.41	-29.60	54.85	74.00	19.15	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.94	33.10	5.41	47.85	54.0	6.15	AV	Horizontal	
2	5355.480	38.85	33.10	5.41	47.76	54.0	6.24	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5320MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

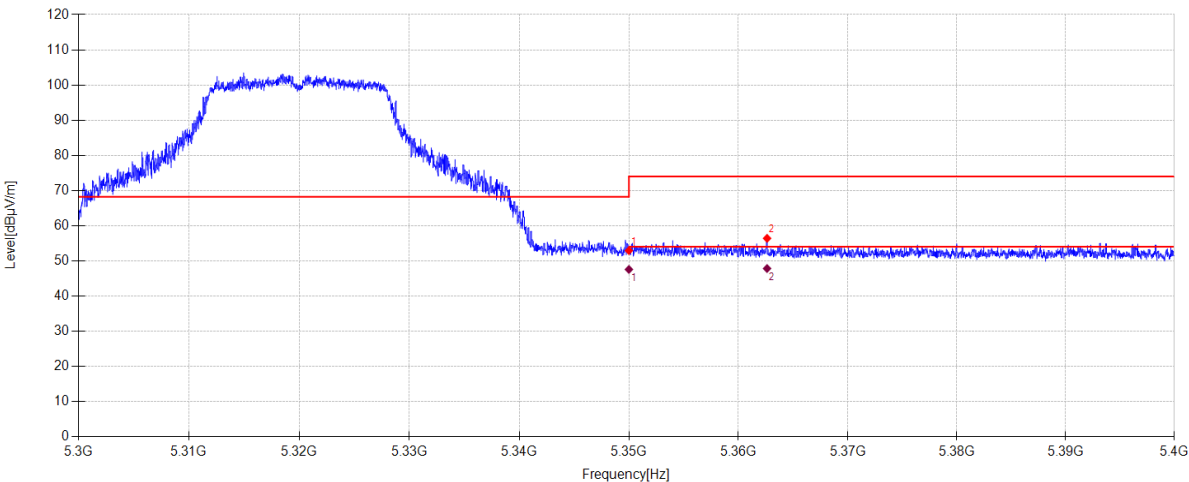
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Memo:

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	5350.000	44.02	33.10	5.41	-29.60	52.93	68.20	15.27	PK	Vertical
2	5362.620	47.49	33.10	5.42	-29.60	56.41	74.00	17.59	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	5350.000	38.67	33.10	5.41	47.58	54.0	6.42	AV	Vertical	
2	5362.620	38.91	33.10	5.42	47.83	54.0	6.17	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5180MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

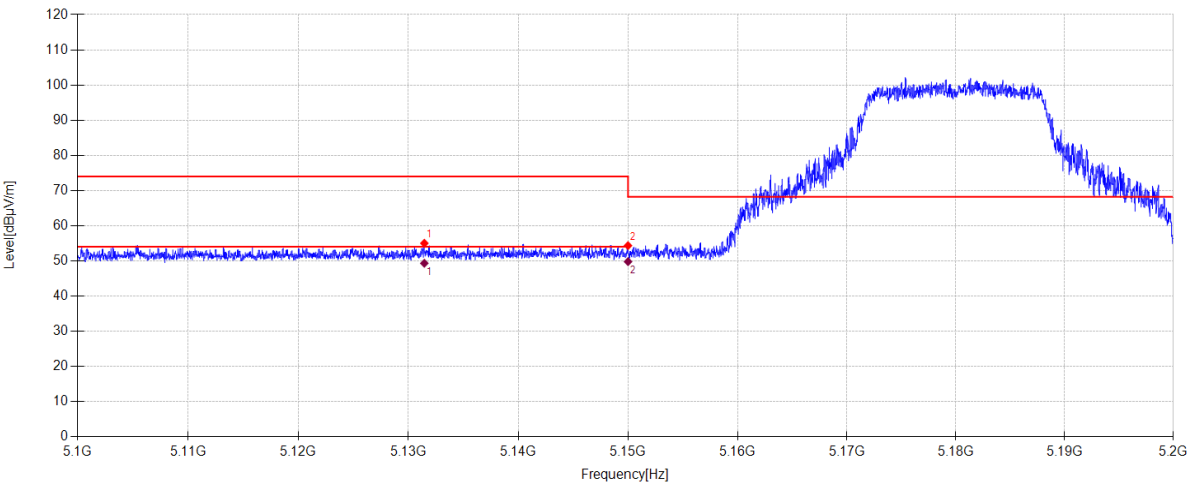
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Memo:

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	5131.450	45.94	33.40	5.27	-29.60	55.01	74.00	18.99	PK	Horizontal
2	5150.000	45.27	33.40	5.28	-29.60	54.35	68.20	13.85	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	5131.450	40.26	33.40	5.27	49.33	54.0	4.67	AV	Horizontal	
2	5150.000	40.71	33.40	5.28	49.79	54.0	4.21	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX ANT1 11A 5180MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

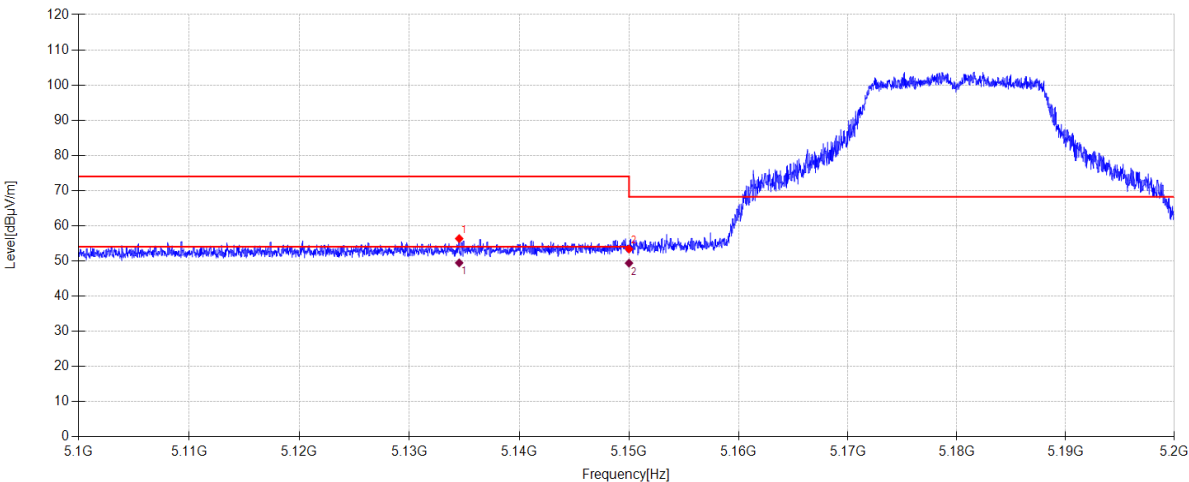
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Memo:

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	5134.530	47.27	33.40	5.27	-29.60	56.34	74.00	17.66	PK	Vertical
2	5150.000	44.28	33.40	5.28	-29.60	53.36	68.20	14.84	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	5134.530	40.37	33.40	5.27	49.44	54.0	4.56	AV	Vertical	
2	5150.000	40.29	33.40	5.28	49.37	54.0	4.63	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5180MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

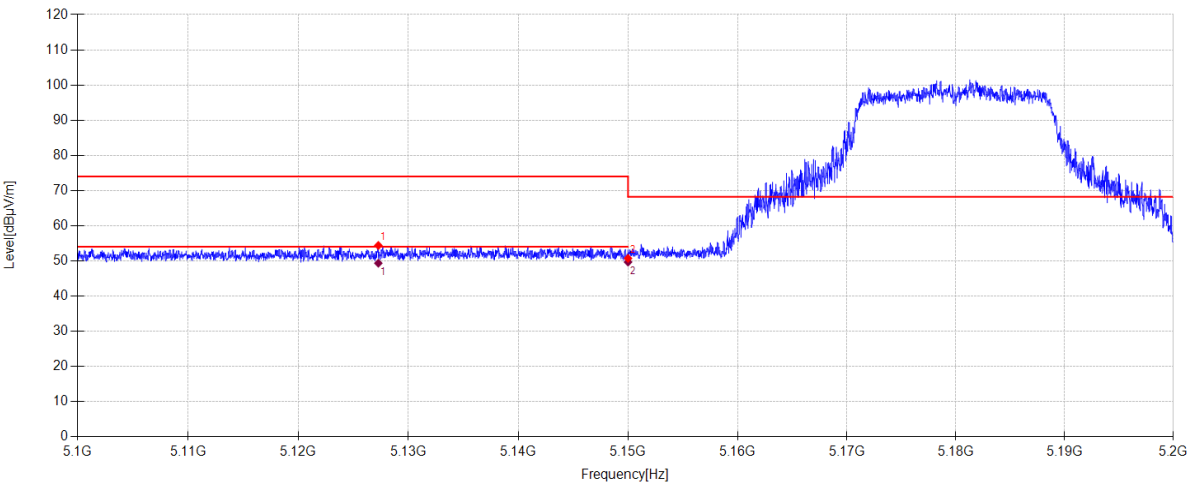
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Memo:

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	5127.270	45.32	33.40	5.26	-29.60	54.38	74.00	19.62	PK	Horizontal
2	5150.000	41.65	33.40	5.28	-29.60	50.73	68.20	17.47	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5127.270	40.29	33.40	5.26	49.35	54.0	4.65	AV	Horizontal	
2	5150.000	40.59	33.40	5.28	49.67	54.0	4.33	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5180MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

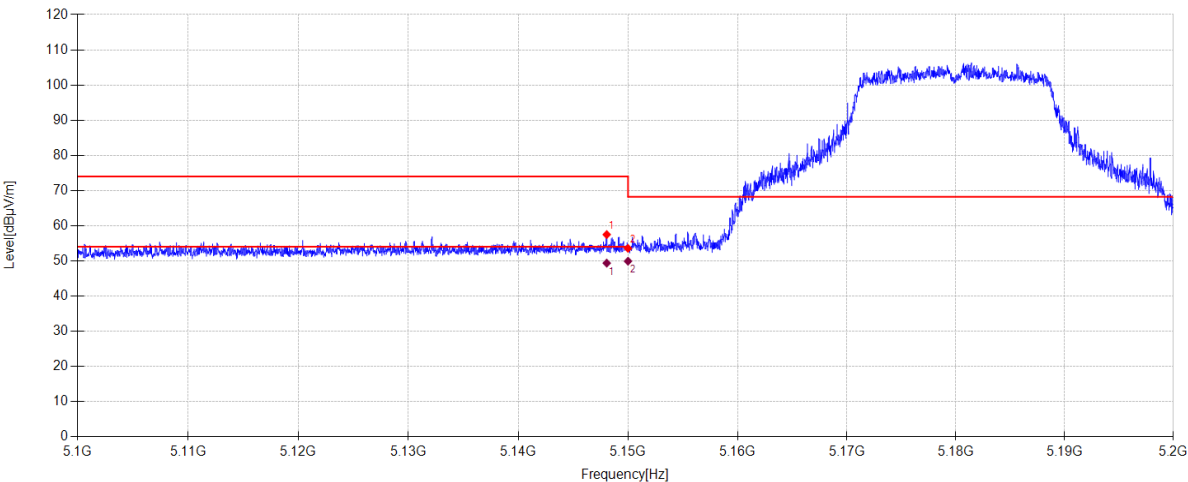
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Memo:

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	5148.060	48.41	33.40	5.28	-29.60	57.49	74.00	16.51	PK	Vertical
2	5150.000	44.48	33.40	5.28	-29.60	53.56	68.20	14.64	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	5148.060	40.29	33.40	5.28	49.37	54.0	4.63	AV	Vertical	
2	5150.000	40.84	33.40	5.28	49.92	54.0	4.08	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5320MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

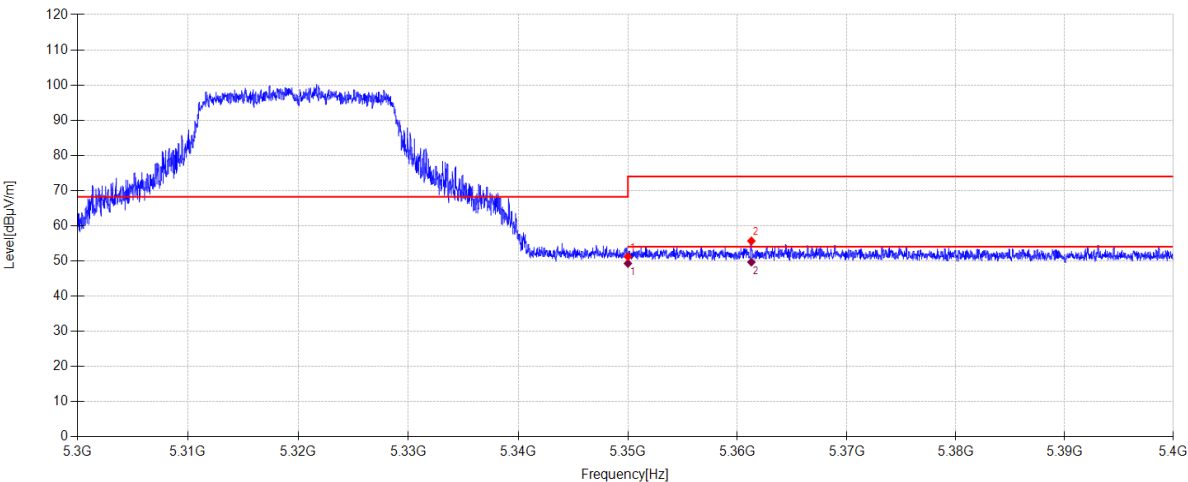
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d:\ts\2024 report data\Bar1000\0110 FCC ABOVE1G 5G\19

Memo:

Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.30	33.10	5.41	-29.60	51.21	68.20	16.99	PK	Horizontal
2	5361.280	46.74	33.10	5.42	-29.60	55.66	74.00	18.34	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	40.37	33.10	5.41	49.28	54.0	4.72	AV	Horizontal	
2	5361.280	40.74	33.10	5.42	49.66	54.0	4.34	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5320MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

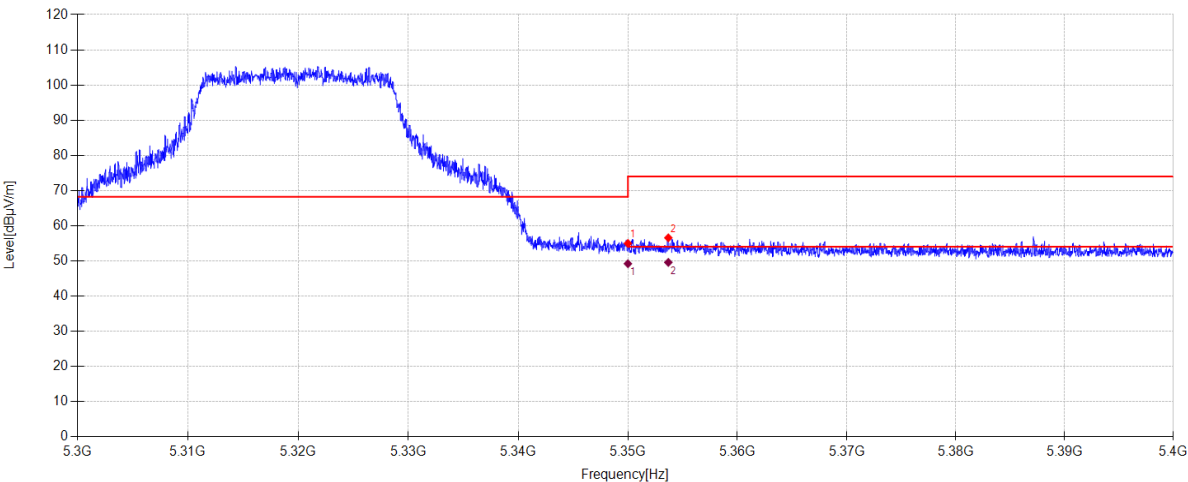
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Memo:

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	5350.000	46.06	33.10	5.41	-29.60	54.97	68.20	13.23	PK	Vertical
2	5353.690	47.65	33.10	5.41	-29.60	56.56	74.00	17.44	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	40.29	33.10	5.41	49.20	54.0	4.80	AV	Vertical	
2	5353.690	40.66	33.10	5.41	49.57	54.0	4.43	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5500MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

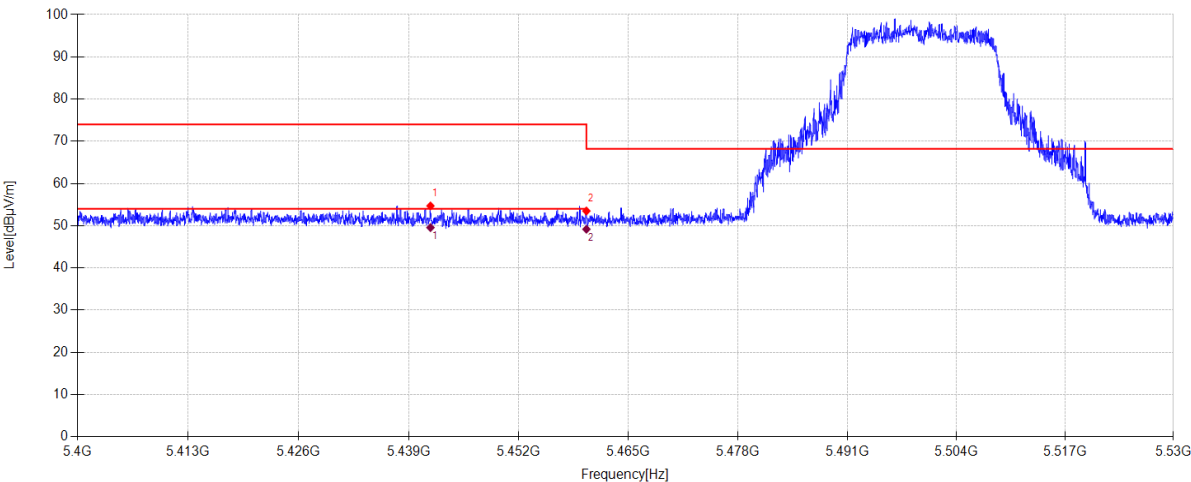
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Memo:

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	5441.548	45.80	33.02	5.47	-29.60	54.69	74.00	19.31	PK	Horizontal
2	5460.000	44.61	33.00	5.48	-29.60	53.49	68.20	14.71	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	5441.548	40.67	33.02	5.47	49.56	54.0	4.44	AV	Horizontal	
2	5460.000	40.29	33.00	5.48	49.17	54.0	4.83	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5500MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

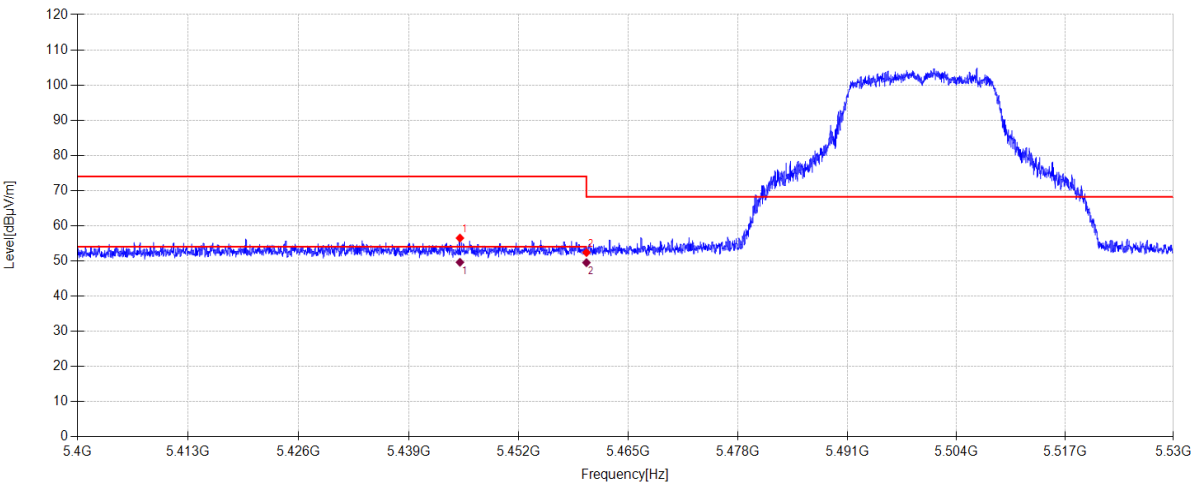
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Memo:

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	5445.032	47.61	33.01	5.47	-29.60	56.49	74.00	17.51	PK	Vertical
2	5460.000	43.51	33.00	5.48	-29.60	52.39	68.20	15.81	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	5445.032	40.73	33.01	5.47	49.61	54.0	4.39	AV	Vertical	
2	5460.000	40.62	33.00	5.48	49.50	54.0	4.50	AV	Vertical	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

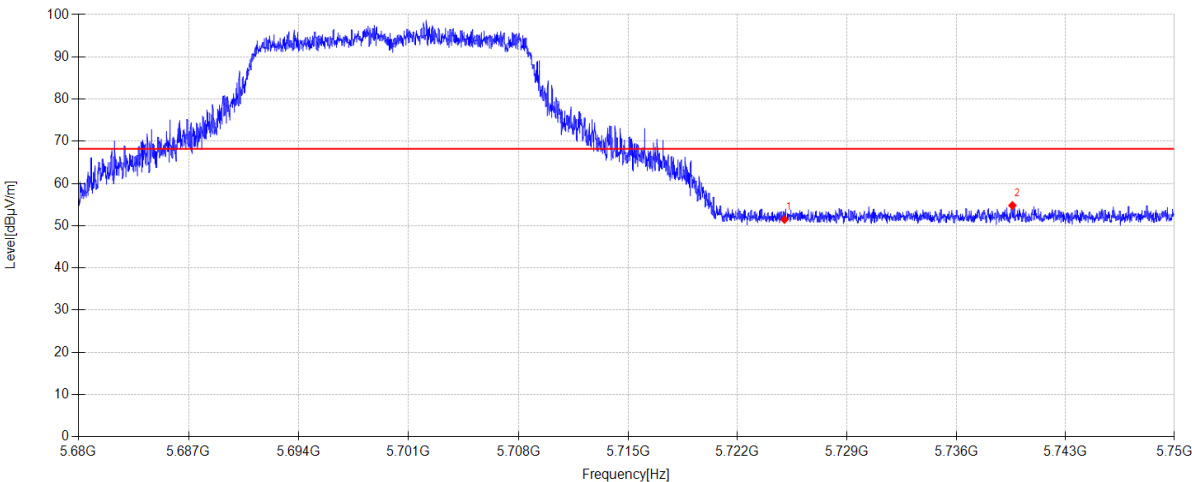
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Memo:

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	5725.000	41.67	33.75	5.66	-29.60	51.48	68.20	16.72	PK	Horizontal
2	5739.605	44.89	33.84	5.67	-29.60	54.80	68.20	13.40	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX N20 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

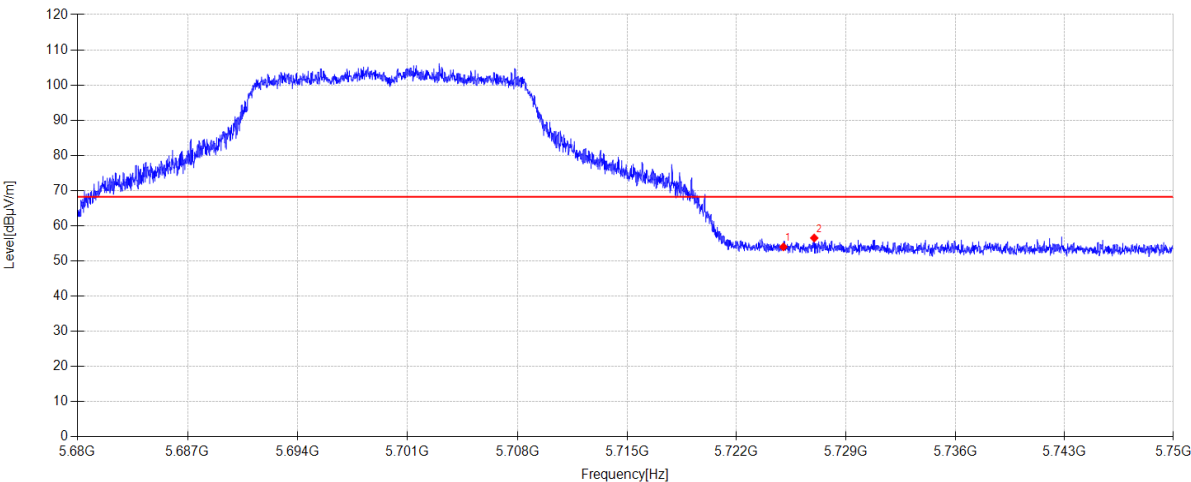
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Memo:

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	5725.000	44.16	33.75	5.66	-29.60	53.97	68.20	14.23	PK	Vertical
2	5726.970	46.69	33.76	5.66	-29.60	56.51	68.20	11.69	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-10

Tested By:

Zhong Nan

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 1000MK2

Test Mode:

TX AC20 5700MHz

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

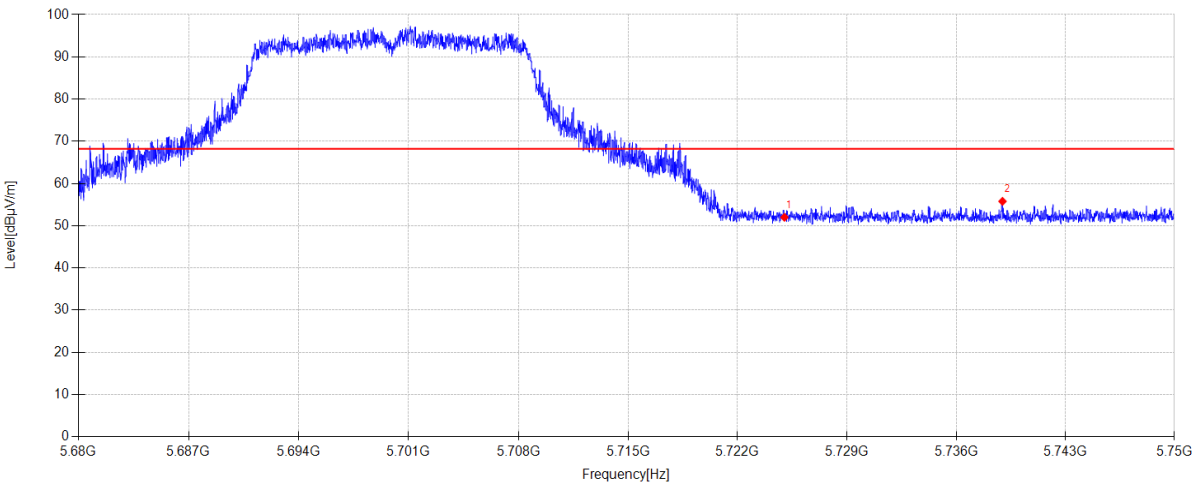
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Memo:

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	5725.000	42.19	33.75	5.66	-29.60	52.00	68.20	16.20	PK	Horizontal
2	5738.968	45.88	33.83	5.67	-29.60	55.78	68.20	12.42	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.