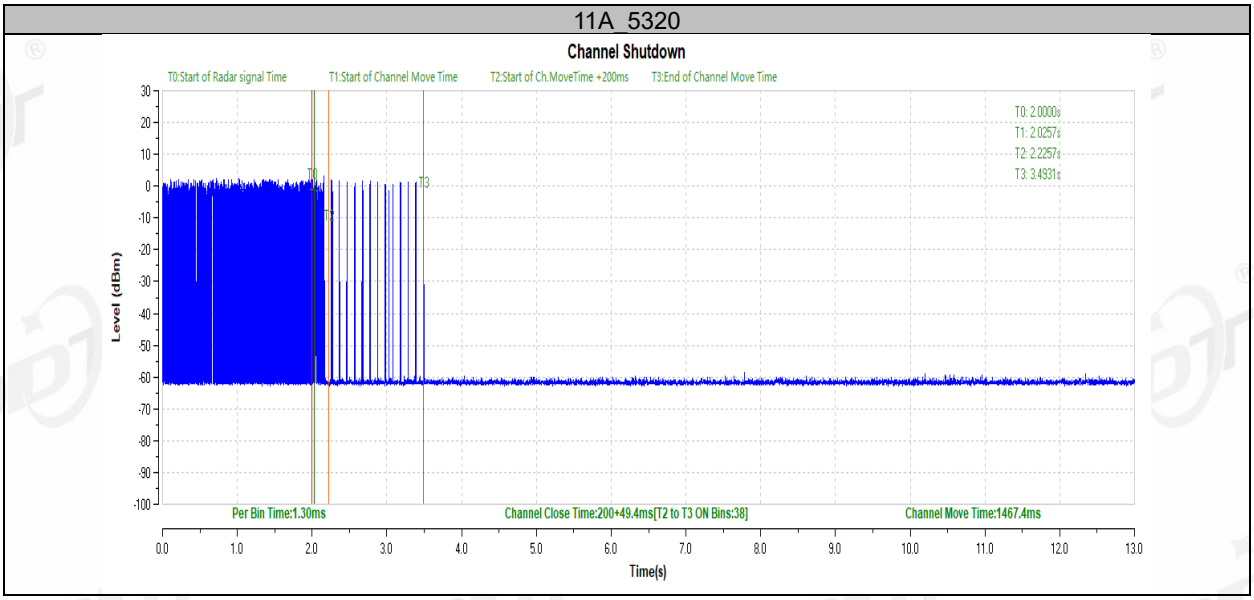
11.7. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement System 1#
Ambient Condition:	24.3℃,46%RH	Test Date:	2024.11.30-2025.02.24
Test Power Supply:	Battery	Sample Number:	S24111520-011

Test Mode	Frequency [MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5320	200+49.4	200+60	1467.4	10000	PASS

Test plots as follows:

11A_5320



12. Antenna Requirements

12.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For intentional device, according to RSS-Gen issue 5 section 6.8.

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

12.2. Result

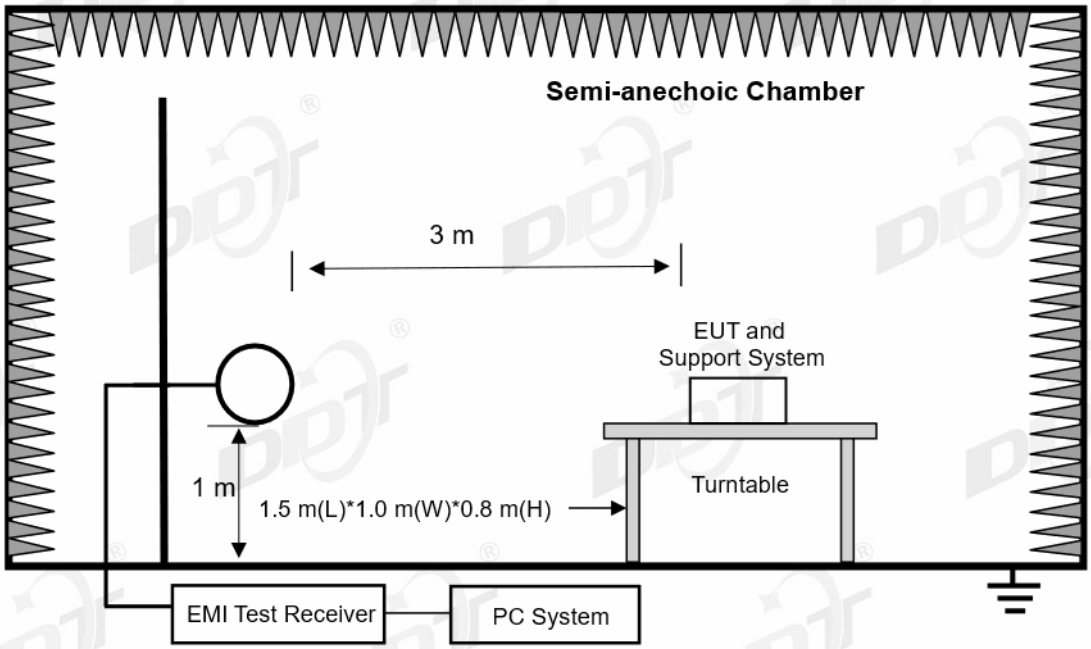
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

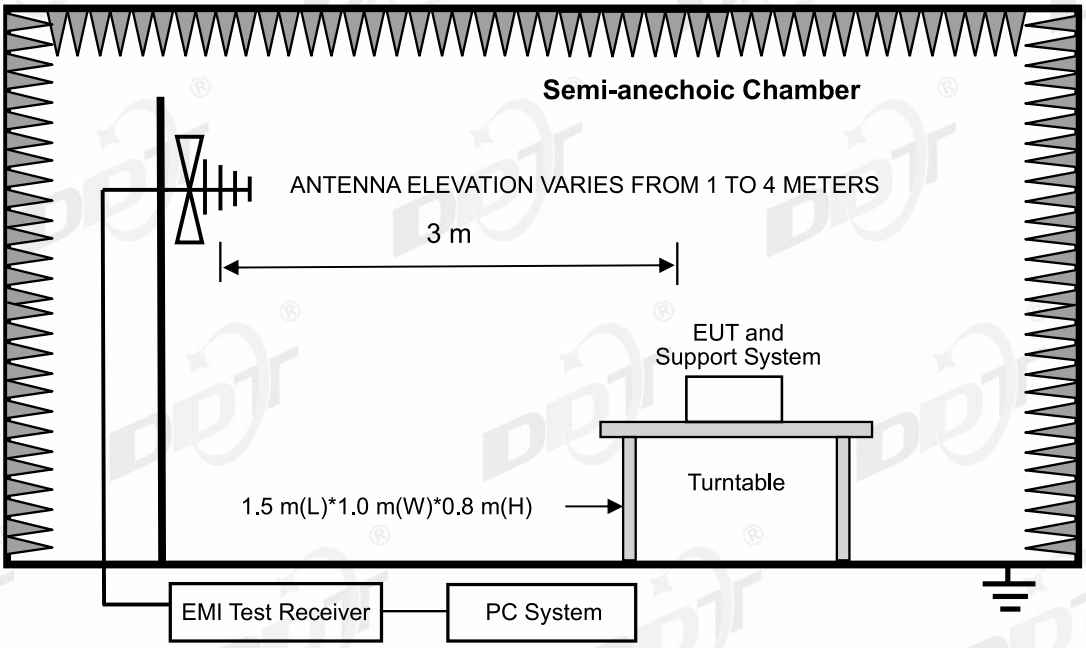
13.Radiated Emission

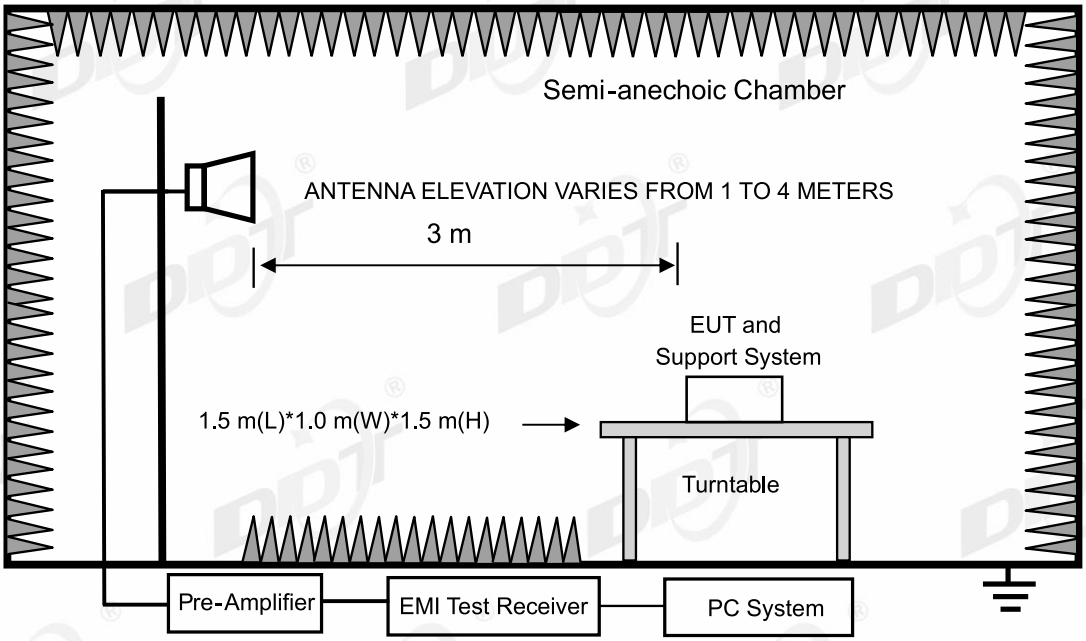
13.1. Test equipment

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

13.2. Block diagram of test setup







13.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

1Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

2Above 38.6

RSS-Gen section 8.10 Restricted frequency bands*

MHz	MHz	MHz	GHz
0.090-0.110	12.51975-12.52025	240-285	3.5-4.4
0.495-0.505	12.57675-12.57725	322-335.4	4.5-5.15
2.1735-2.1905	13.36-13.41	399.9-410	5.35-5.46
3.020-3.026	16.42-16.423	608-614	7.25-7.75
4.125-4.128	16.69475-16.69525	960-1427	8.025-8.5
4.1772&4.17775	16.80425-16.80475	1435-1626.5	9.0-9.2
4.2072&4.20775	25.5-25.67	1645.5-1646.5	9.3-9.5
5.677-5.683	37.5-38.25	1660-1710	10.6-12.7
6.215-6.218	73-74.6	1718.8-1722.2	13.25-13.4
6.26775-6.26825	74.8-75.2	2200-2300	14.47-14.5
6.31175-6.31225	108-138	2310-2390	15.35-16.2
8.291-8.294	149.9-150.05	2483.5-2500	17.7-21.4
8.362-8.366	156.52475-156.52525	2655-2900	22.01-23.12
8.37625-8.38675	156.7-156.9	3260-3267	23.6-24.0
8.41425-8.41475	162.0125-167.17	3332-3339	31.2-31.8
12.29-12.293	167.72-173.2	3345.8-3358	36.43-36.5
			Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit & RSS-Gen section 8.9 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dBuV/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dBuV/m (Peak) 54.0 dBuV/m (Average)	

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$Limit_{3m}(dBuV/m) = Limit_{30m}(dBuV/m) + 40Log(30m/3m)$$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, and the emissions appearing within RSS-Gen section 8.10 Restricted frequency bands shall not exceed the limits shown in RSS-Gen section 8.9, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits and RSS-Gen section 8.9 limits.

13.4. Assistant equipment used for test

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

13.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.

(2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m

According ANSI C63.10:2013 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30MHz, the trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz,110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

(9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

(10) 30 MHz ~ 40 GHz: (Scan with all mode, the worst case is record and report)

(11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with the worst mode.

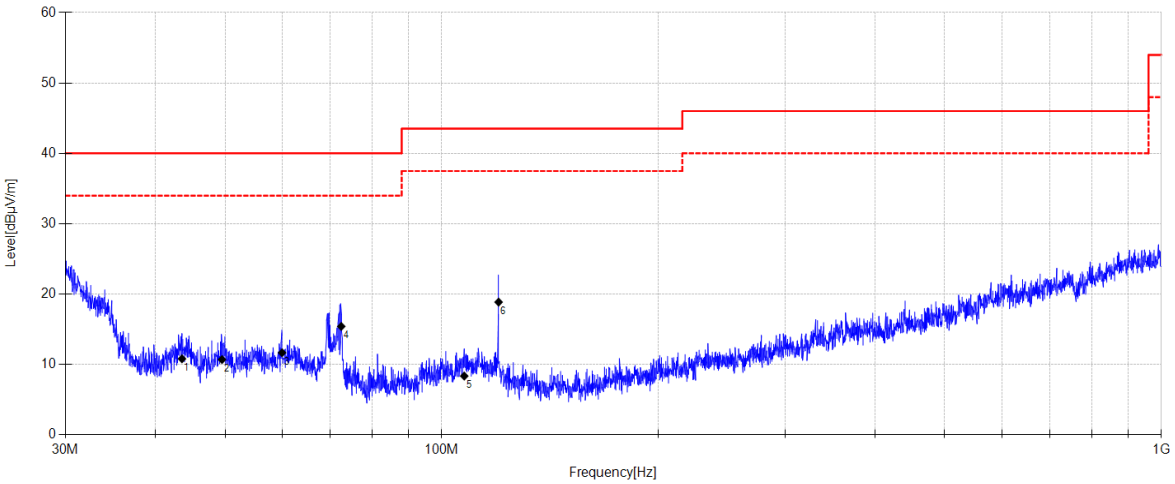
13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-12-13	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	Tx mode	**Power Supply**:	Battery
Condition:	Temp:23.3°C;Humi:59.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC Below 1G\20241213-070744_H		
Memo:	Sample Number: S24111520-010		

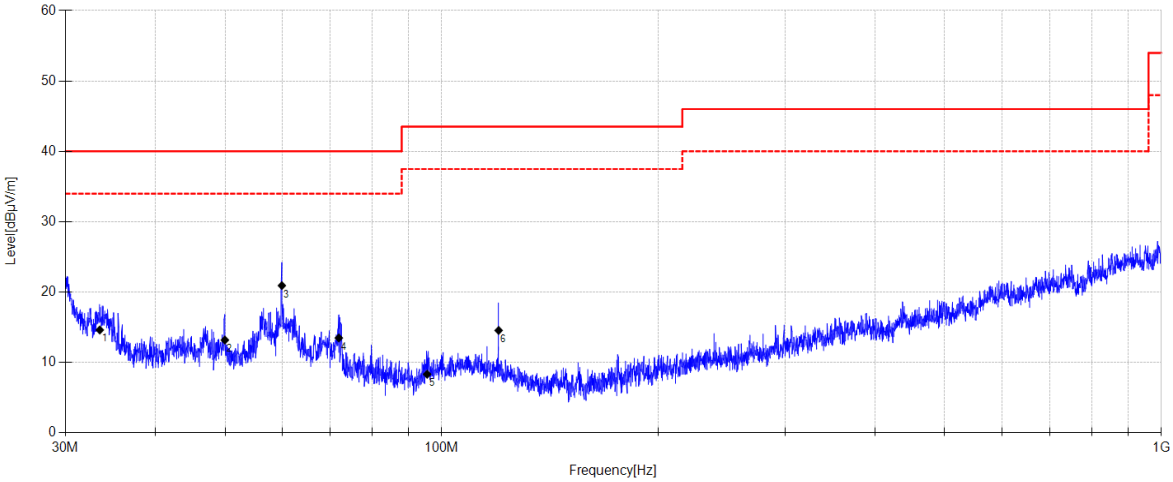


Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable Loss [dB]**	**Result [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	43.564	25.15	12.91	3.84	10.80	40.00	29.20	QP	Horizontal
2	49.528	25.05	12.86	3.88	10.69	40.00	29.31	QP	Horizontal
3	60.019	26.02	12.79	3.96	11.67	40.00	28.33	QP	Horizontal
4	72.528	33.07	9.39	4.04	15.40	40.00	24.60	QP	Horizontal
5	107.483	23.85	11.35	4.26	8.35	43.50	35.15	QP	Horizontal
6	119.991	35.65	10.00	4.33	18.86	43.50	24.64	QP	Horizontal

Note:
1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-12-13	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	Tx mode	**Power Supply**:	Battery
Condition:	Temp:23.3°C;Humi:59.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC Below 1G\20241213-070807_V		
Memo:	Sample Number: S24111520-010		



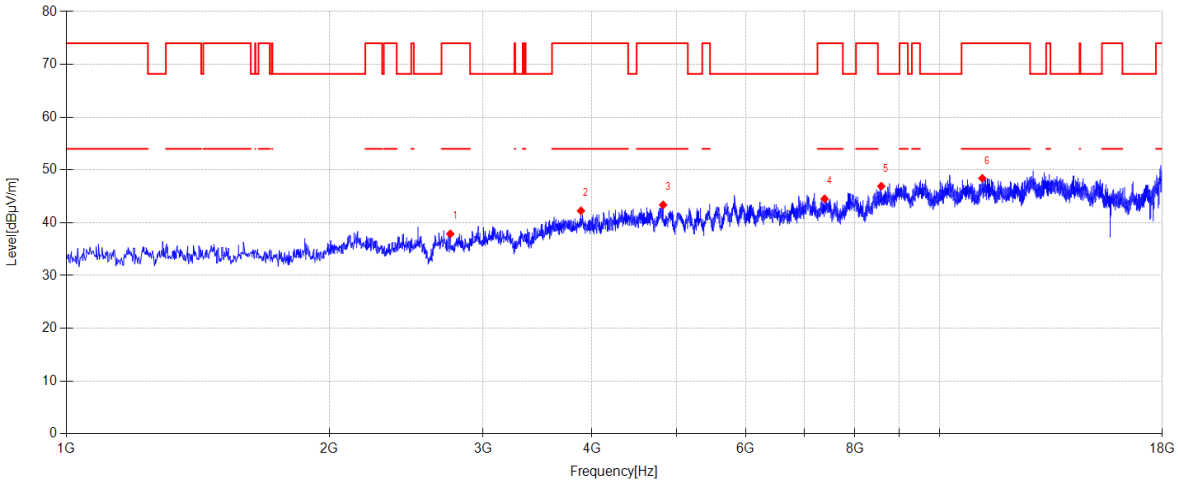
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable Loss [dB]**	**Result [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	33.491	30.71	11.22	3.78	14.61	40.00	25.39	QP	Vertical
2	49.981	27.41	12.99	3.88	13.18	40.00	26.82	QP	Vertical
3	59.977	35.27	12.79	3.96	20.92	40.00	19.08	QP	Vertical
4	71.971	30.95	9.60	4.03	13.48	40.00	26.52	QP	Vertical
5	95.472	24.59	10.64	4.19	8.32	43.50	35.18	QP	Vertical
6	119.991	31.34	10.00	4.33	14.55	43.50	28.95	QP	Vertical

Note:
1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5180 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\23		
Memo:	Sample Number: S24111520-010		

Test Graph



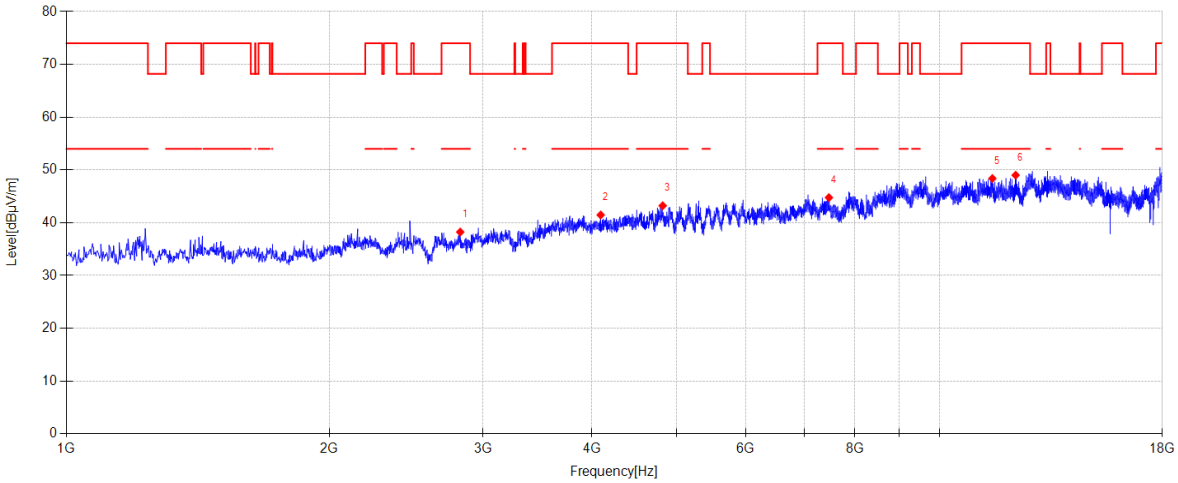
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2752.700	45.66	27.59	3.77	-39.13	37.89	74.00	36.11	PK	Horizontal
2	3884.900	46.34	31.11	4.45	-39.65	42.25	74.00	31.75	PK	Horizontal
3	4825.000	44.78	33.15	5.06	-39.61	43.38	74.00	30.62	PK	Horizontal
4	7386.900	42.26	36.73	6.18	-40.65	44.52	74.00	29.48	PK	Horizontal
5	8578.600	41.59	37.84	6.83	-39.35	46.91	68.20	21.29	PK	Horizontal
6	11196.600	40.91	39.20	7.50	-39.20	48.41	74.00	25.59	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5180 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\24		
Memo:	Sample Number: S24111520-010		

Test Graph



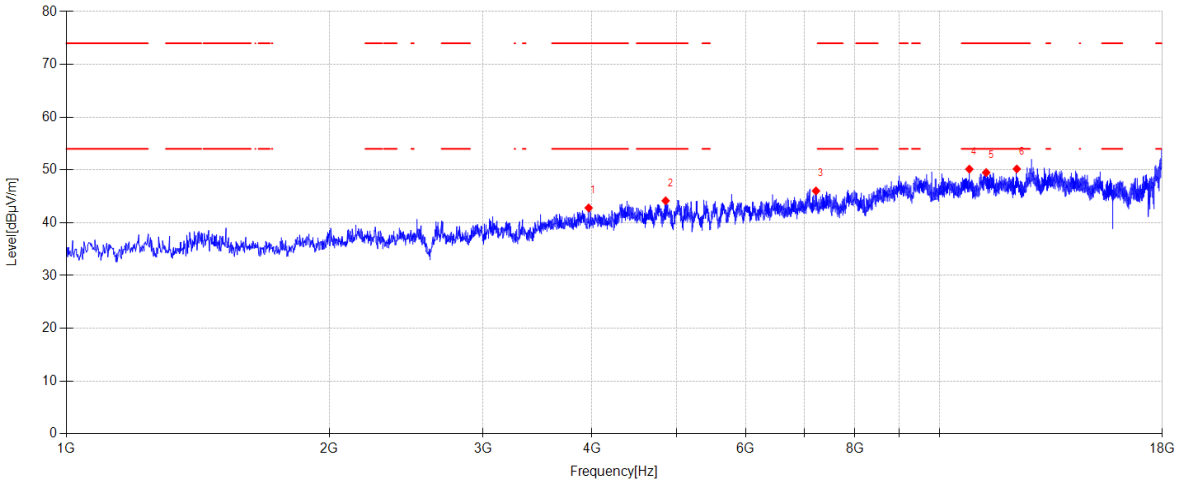
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2825.800	46.04	27.61	3.81	-39.22	38.24	74.00	35.76	PK	Vertical
2	4092.300	45.48	31.08	4.58	-39.67	41.47	74.00	32.53	PK	Vertical
3	4819.900	44.75	33.02	5.06	-39.61	43.22	74.00	30.78	PK	Vertical
4	7471.900	42.55	36.56	6.24	-40.58	44.77	74.00	29.23	PK	Vertical
5	11497.500	41.00	39.20	7.68	-39.50	48.38	74.00	25.62	PK	Vertical
6	12225.100	41.58	39.30	8.08	-39.95	49.01	74.00	24.99	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:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5200 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\9		
Memo:	Sample Number: S24111520-010		

Test Graph



Data List

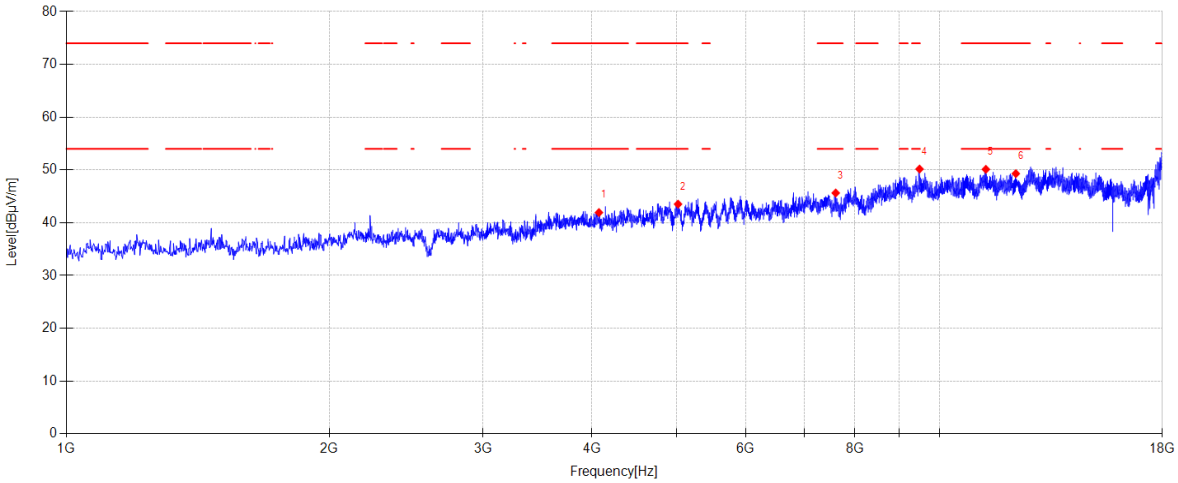
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3964.800	46.38	31.04	5.06	-39.67	42.81	74.00	31.19	PK	Horizontal
2	4857.300	44.53	33.68	5.56	-39.61	44.16	74.00	29.84	PK	Horizontal
3	7220.300	43.47	36.80	6.56	-40.80	46.03	-	-	PK	Horizontal
4	10819.200	41.84	39.38	8.04	-39.11	50.15	74.00	23.85	PK	Horizontal
5	11312.200	41.28	39.21	8.33	-39.31	49.51	74.00	24.49	PK	Horizontal
6	12262.500	41.95	39.30	8.89	-39.95	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:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5200 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\10		
Memo:	Sample Number: S24111520-010		

Test Graph



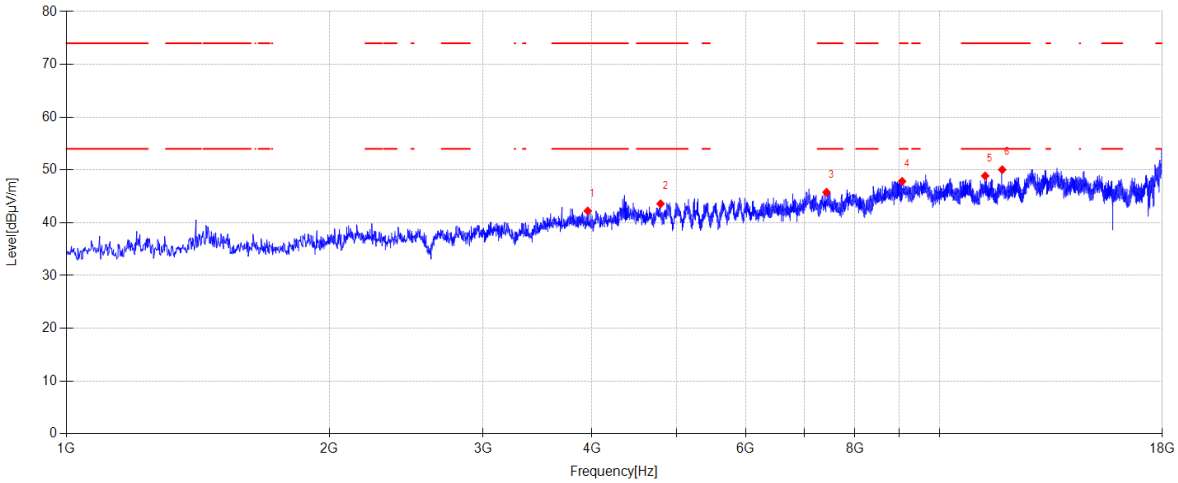
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	4073.600	45.46	31.05	5.09	-39.67	41.93	74.00	32.07	PK	Vertical
2	5018.800	44.22	33.24	5.66	-39.60	43.52	74.00	30.48	PK	Vertical
3	7606.200	42.81	36.51	6.76	-40.45	45.63	74.00	28.37	PK	Vertical
4	9488.100	43.20	38.70	7.46	-39.19	50.17	74.00	23.83	PK	Vertical
5	11302.000	41.90	39.20	8.32	-39.30	50.12	74.00	23.88	PK	Vertical
6	12231.900	41.07	39.30	8.88	-39.95	49.30	74.00	24.70	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:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5240 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\7		
Memo:	Sample Number: S24111520-010		

Test Graph



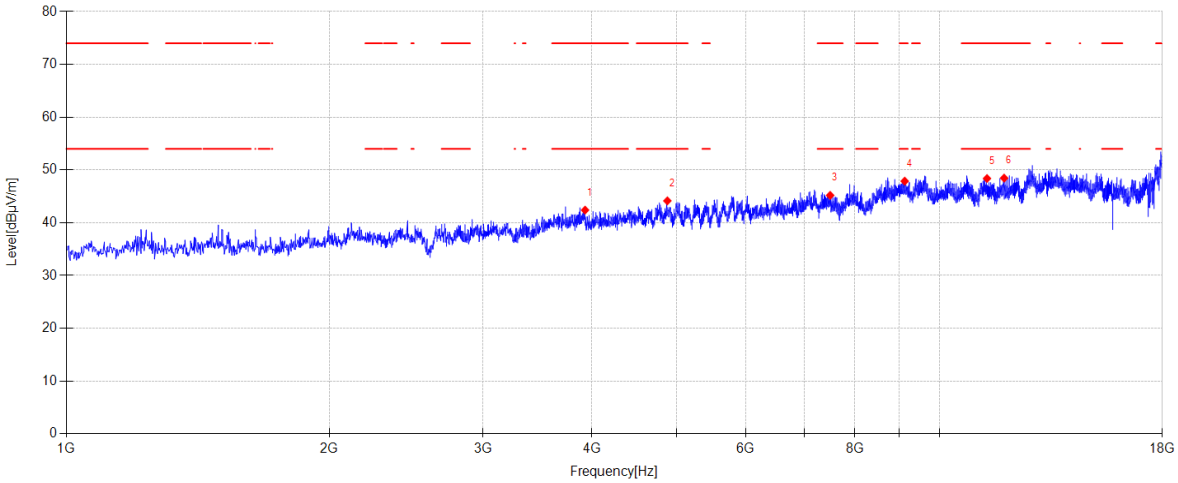
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3954.600	45.76	31.08	5.06	-39.67	42.23	74.00	31.77	PK	Horizontal
2	4792.700	45.21	32.47	5.53	-39.62	43.59	74.00	30.41	PK	Horizontal
3	7424.300	43.09	36.65	6.66	-40.62	45.78	74.00	28.22	PK	Horizontal
4	9061.400	40.96	38.42	7.32	-38.85	47.85	74.00	26.15	PK	Horizontal
5	11281.600	40.65	39.20	8.31	-39.28	48.88	74.00	25.12	PK	Horizontal
6	11800.100	42.32	38.90	8.63	-39.80	50.05	74.00	23.95	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5240 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\8		
Memo:	Sample Number: S24111520-010		

Test Graph



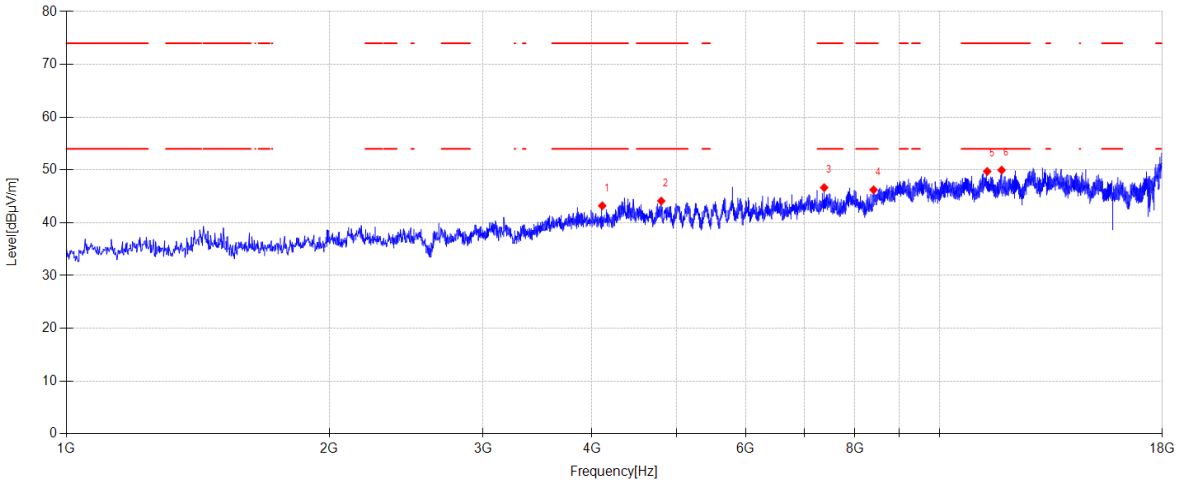
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3927.400	45.84	31.15	5.06	-39.66	42.39	74.00	31.61	PK	Vertical
2	4879.400	44.85	33.33	5.58	-39.61	44.15	74.00	29.85	PK	Vertical
3	7495.700	42.53	36.51	6.70	-40.55	45.19	74.00	28.81	PK	Vertical
4	9124.300	40.94	38.50	7.34	-38.90	47.88	74.00	26.12	PK	Vertical
5	11336.000	40.14	39.24	8.34	-39.34	48.38	74.00	25.62	PK	Vertical
6	11859.600	40.75	38.90	8.67	-39.86	48.46	74.00	25.54	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:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5260 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\5		
Memo:	Sample Number: S24111520-010		

Test Graph



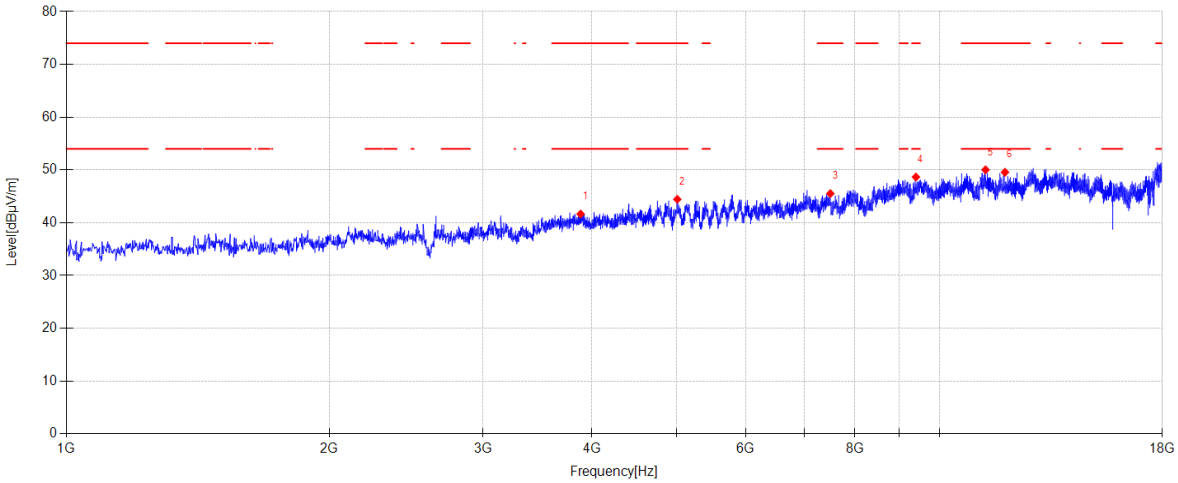
Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4109.300	46.64	31.12	5.12	-39.67	43.21	74.00	30.79	PK	Horizontal
2	4801.200	45.68	32.53	5.53	-39.62	44.12	74.00	29.88	PK	Horizontal
3	7378.400	43.93	36.74	6.64	-40.66	46.65	74.00	27.35	PK	Horizontal
4	8405.200	41.21	37.50	7.10	-39.57	46.24	74.00	27.76	PK	Horizontal
5	11341.100	41.49	39.24	8.34	-39.34	49.73	74.00	24.27	PK	Horizontal
6	11781.400	42.21	38.92	8.62	-39.78	49.97	74.00	24.03	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:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5260 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\6		
Memo:	Sample Number: S24111520-010		

Test Graph



Data List

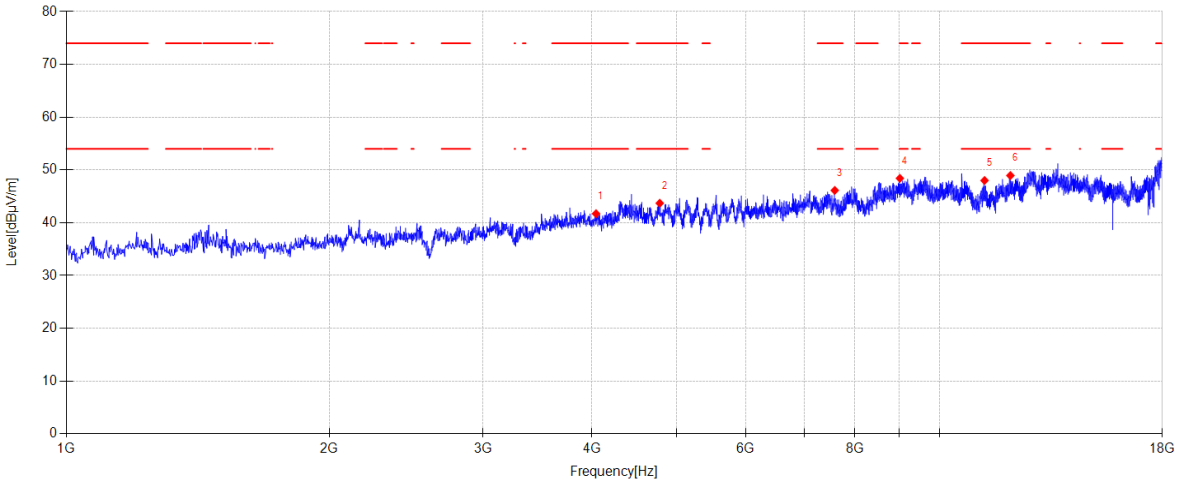
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3881.500	45.14	31.09	5.07	-39.65	41.65	74.00	32.35	PK	Vertical
2	5008.600	45.17	33.22	5.65	-39.60	44.44	74.00	29.56	PK	Vertical
3	7499.100	42.87	36.50	6.70	-40.55	45.52	74.00	28.48	PK	Vertical
4	9398.000	41.65	38.70	7.43	-39.12	48.66	74.00	25.34	PK	Vertical
5	11291.800	41.81	39.20	8.31	-39.29	50.03	74.00	23.97	PK	Vertical
6	11886.800	41.86	38.90	8.69	-39.89	49.56	74.00	24.44	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5280 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\3		
Memo:	Sample Number: S24111520-010		

Test Graph



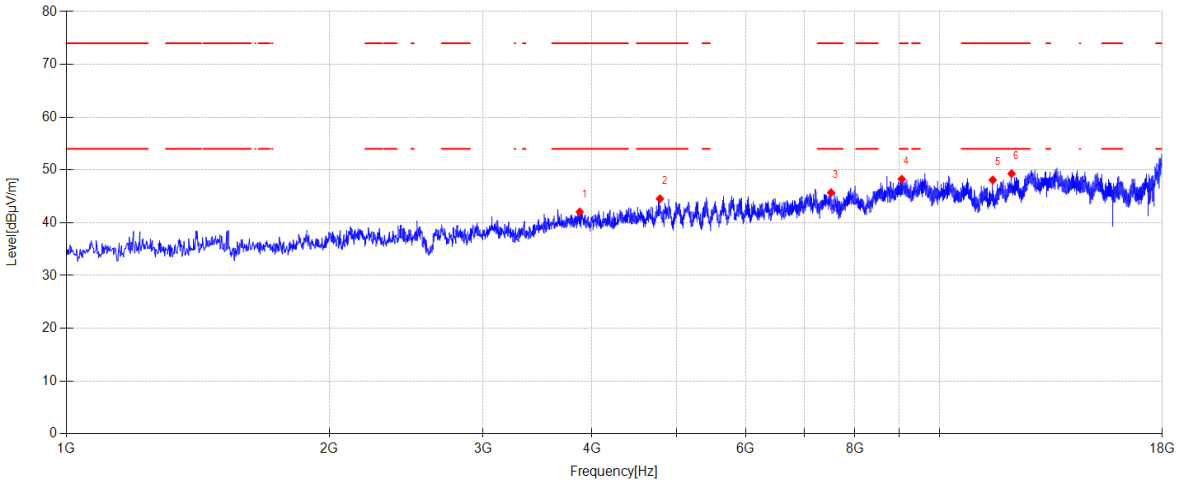
Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4043.000	45.32	30.99	5.08	-39.68	41.71	74.00	32.29	PK	Horizontal
2	4782.500	45.37	32.43	5.52	-39.62	43.70	74.00	30.30	PK	Horizontal
3	7587.500	43.37	36.48	6.75	-40.47	46.13	74.00	27.87	PK	Horizontal
4	9008.700	41.60	38.32	7.30	-38.81	48.41	74.00	25.59	PK	Horizontal
5	11262.900	39.76	39.20	8.30	-39.26	48.00	74.00	26.00	PK	Horizontal
6	12056.800	40.88	39.26	8.79	-39.99	48.94	74.00	25.06	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5280 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\4		
Memo:	Sample Number: S24111520-010		

Test Graph



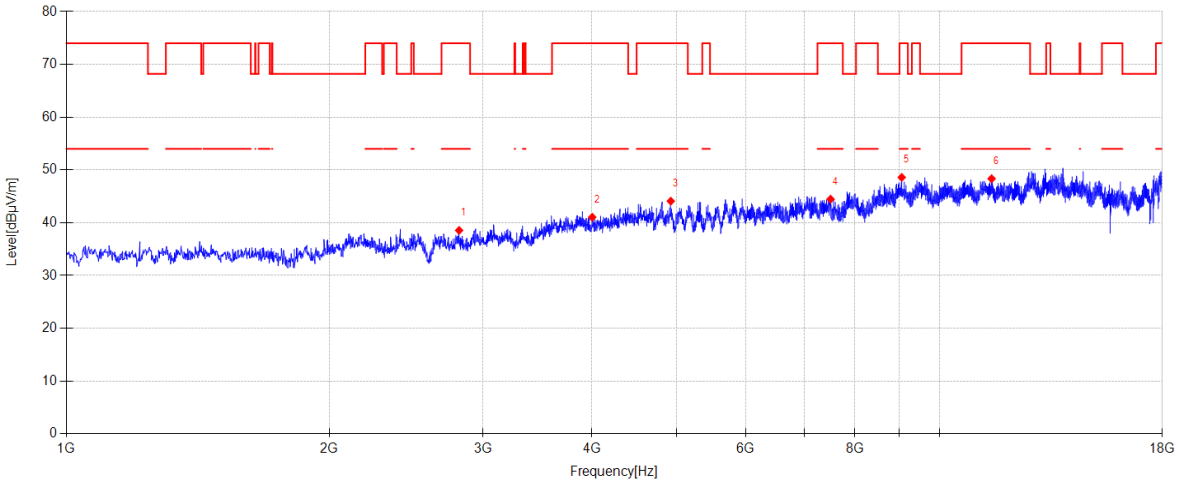
Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3873.000	45.60	31.04	5.07	-39.65	42.06	74.00	31.94	PK	Vertical
2	4784.200	46.20	32.44	5.52	-39.62	44.54	74.00	29.46	PK	Vertical
3	7514.400	43.06	36.47	6.71	-40.54	45.70	74.00	28.30	PK	Vertical
4	9052.900	41.36	38.41	7.32	-38.84	48.25	74.00	25.75	PK	Vertical
5	11509.400	39.98	39.18	8.45	-39.51	48.10	74.00	25.90	PK	Vertical
6	12095.900	41.17	39.30	8.81	-39.98	49.30	74.00	24.70	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5320 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\25		
Memo:	Sample Number: S24111520-010		

Test Graph



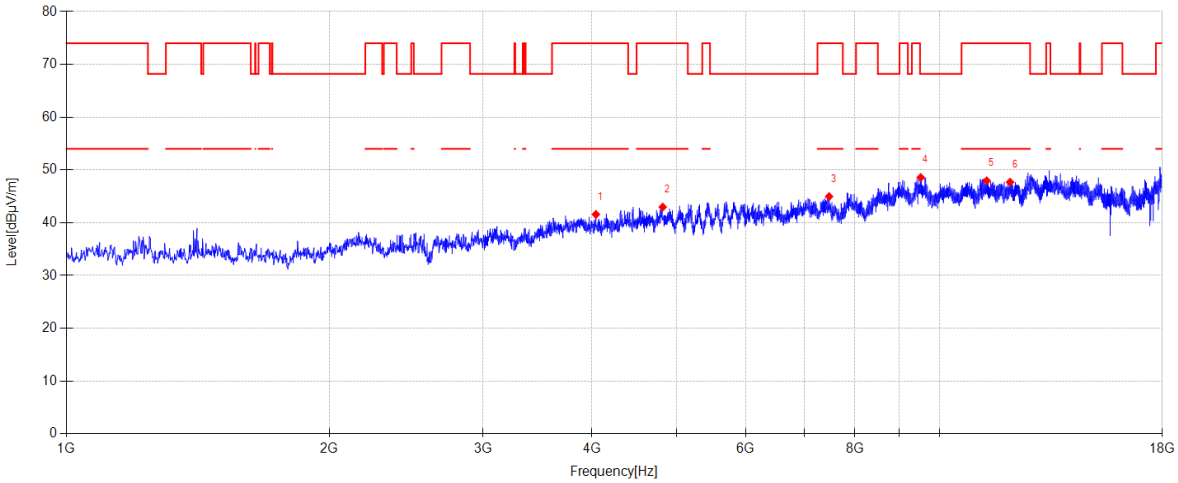
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2817.300	46.41	27.54	3.81	-39.21	38.55	74.00	35.45	PK	Horizontal
2	4002.200	45.30	30.90	4.52	-39.68	41.04	74.00	32.96	PK	Horizontal
3	4923.600	45.52	33.05	5.13	-39.61	44.09	74.00	29.91	PK	Horizontal
4	7504.200	42.26	36.49	6.26	-40.55	44.46	74.00	29.54	PK	Horizontal
5	9052.900	42.03	38.41	7.00	-38.84	48.60	74.00	25.40	PK	Horizontal
6	11473.700	40.91	39.23	7.67	-39.47	48.34	74.00	25.66	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5320 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\26		
Memo:	Sample Number: S24111520-010		

Test Graph



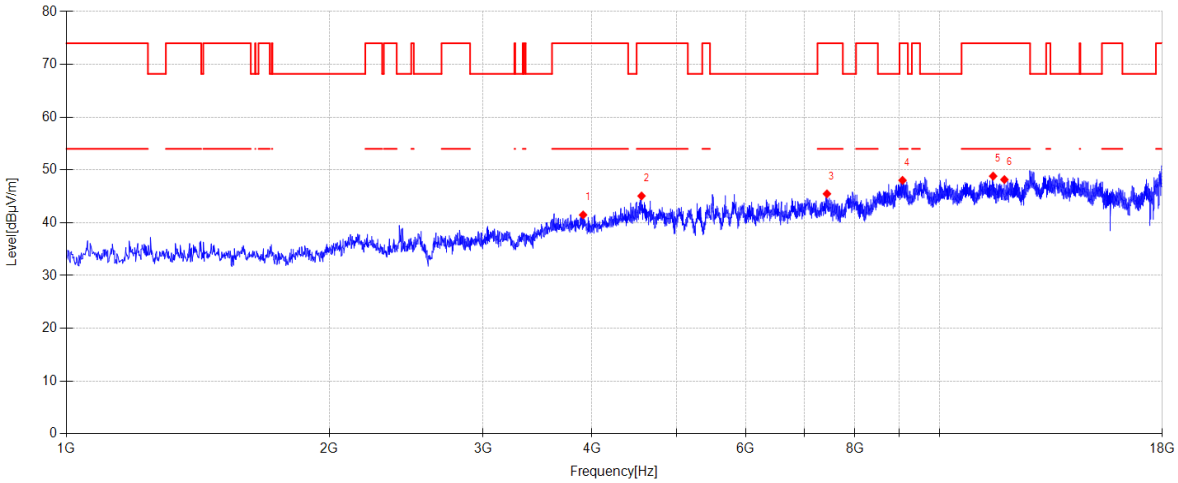
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	4041.300	45.73	30.98	4.55	-39.68	41.58	74.00	32.42	PK	Vertical
2	4819.900	44.50	33.02	5.06	-39.61	42.97	74.00	31.03	PK	Vertical
3	7475.300	42.75	36.55	6.24	-40.57	44.97	74.00	29.03	PK	Vertical
4	9518.700	42.10	38.66	7.03	-39.21	48.58	68.20	19.62	PK	Vertical
5	11327.500	40.47	39.23	7.58	-39.33	47.95	74.00	26.05	PK	Vertical
6	12046.600	40.43	39.25	8.01	-39.99	47.70	74.00	26.30	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5500 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\27		
Memo:	Sample Number: S24111520-010		

Test Graph



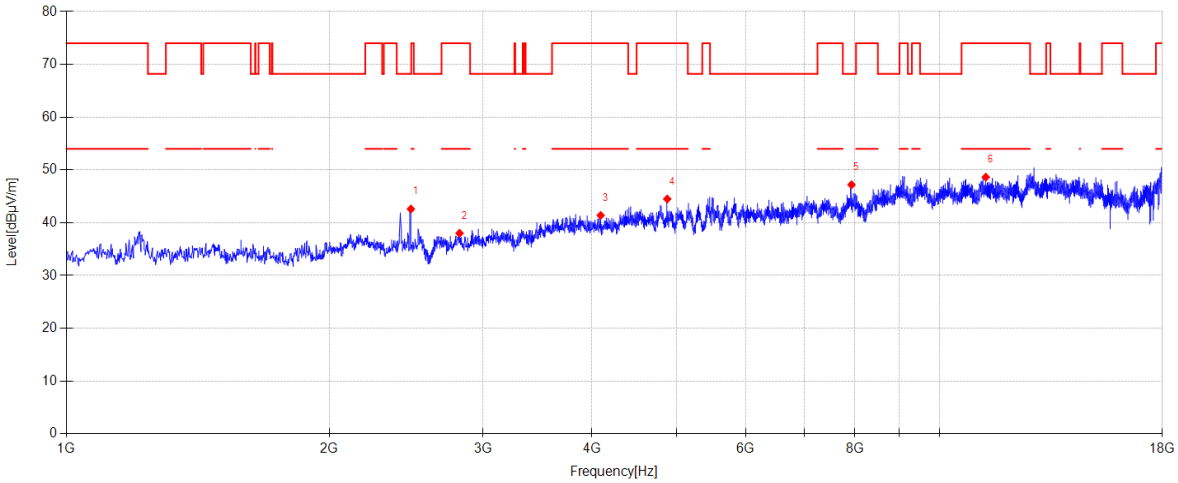
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3907.000	45.49	31.19	4.46	-39.66	41.48	74.00	32.52	PK	Horizontal
2	4558.100	47.92	31.90	4.89	-39.64	45.07	74.00	28.93	PK	Horizontal
3	7432.800	43.24	36.63	6.21	-40.61	45.47	74.00	28.53	PK	Horizontal
4	9071.600	41.45	38.44	7.00	-38.86	48.03	74.00	25.97	PK	Horizontal
5	11521.300	41.49	39.16	7.70	-39.52	48.83	74.00	25.17	PK	Horizontal
6	11869.800	41.23	38.90	7.91	-39.87	48.17	74.00	25.83	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5500 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\28		
Memo:	Sample Number: S24111520-010		

Test Graph



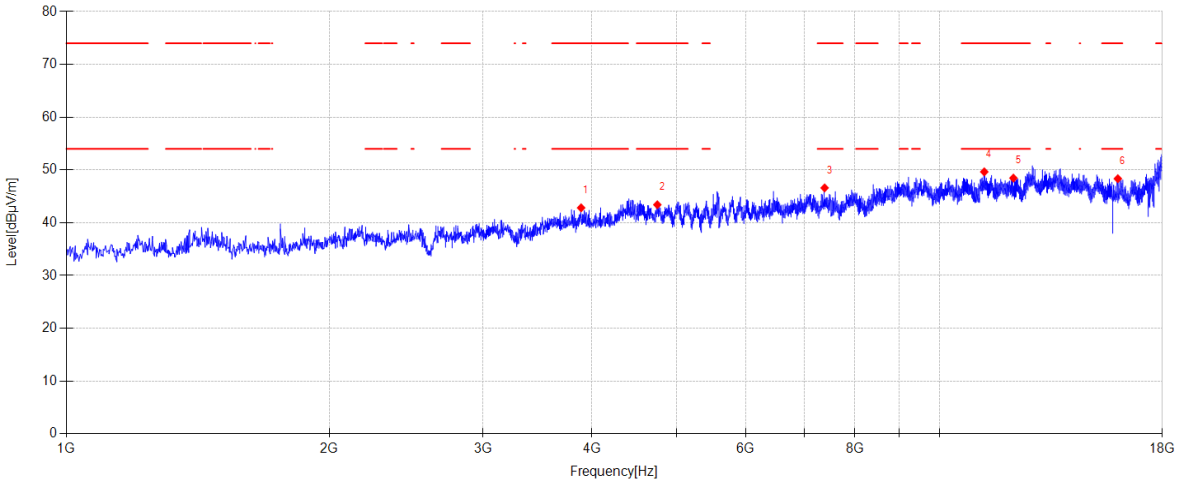
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2480.700	50.25	27.52	3.62	-38.79	42.60	68.20	25.60	PK	Vertical
2	2820.700	45.83	27.57	3.81	-39.21	38.00	74.00	36.00	PK	Vertical
3	4092.300	45.40	31.08	4.58	-39.67	41.39	74.00	32.61	PK	Vertical
4	4877.700	45.65	33.36	5.10	-39.61	44.50	74.00	29.50	PK	Vertical
5	7929.200	43.75	37.06	6.55	-40.16	47.20	68.20	21.00	PK	Vertical
6	11298.600	41.18	39.20	7.56	-39.30	48.64	74.00	25.36	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:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5580 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\1		
Memo:	Sample Number: S24111520-010		

Test Graph



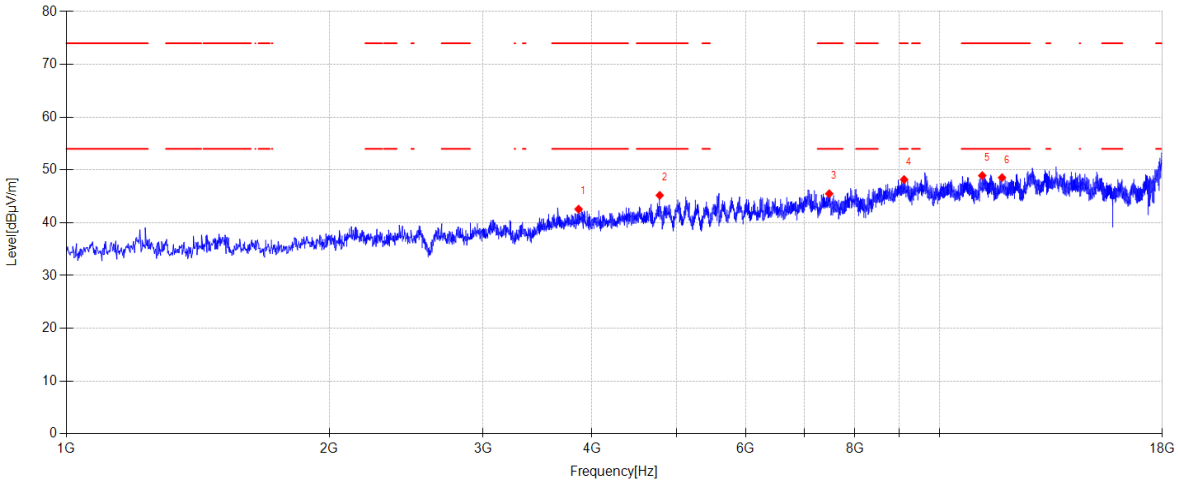
Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3886.600	46.28	31.12	5.07	-39.65	42.82	74.00	31.18	PK	Horizontal
2	4751.900	45.22	32.31	5.50	-39.62	43.41	74.00	30.59	PK	Horizontal
3	7386.900	43.87	36.73	6.65	-40.65	46.60	74.00	27.40	PK	Horizontal
4	11254.400	41.40	39.20	8.29	-39.25	49.64	74.00	24.36	PK	Horizontal
5	12153.700	40.29	39.30	8.84	-39.97	48.46	74.00	25.54	PK	Horizontal
6	16005.900	39.60	37.99	10.15	-39.40	48.34	74.00	25.66	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:	2025-02-17	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5580 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.1°C;Humi:49.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\SRD\2		
Memo:	Sample Number: S24111520-010		

Test Graph



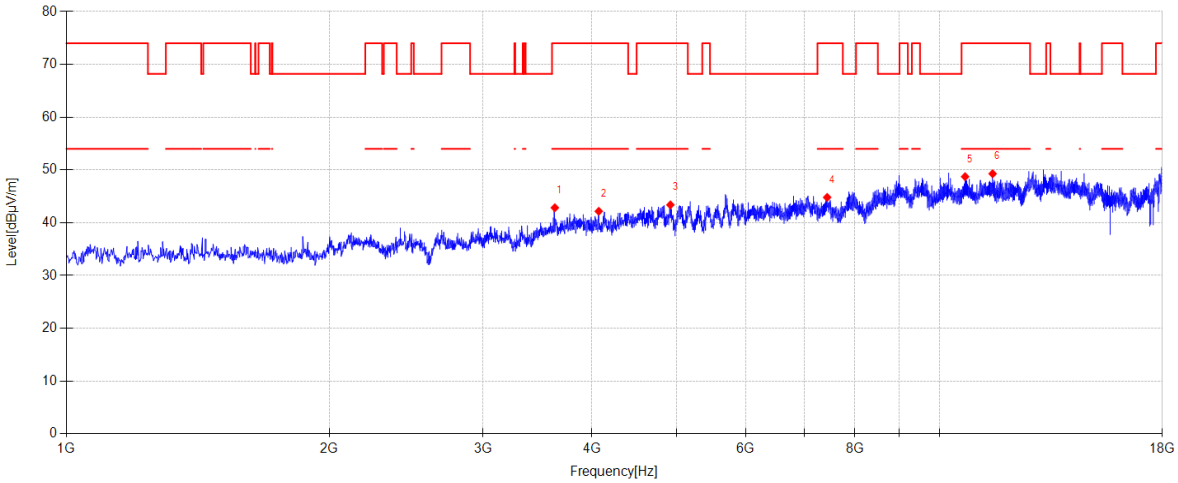
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3861.100	46.18	30.97	5.07	-39.65	42.57	74.00	31.43	PK	Vertical
2	4782.500	46.86	32.43	5.52	-39.62	45.19	74.00	28.81	PK	Vertical
3	7477.000	42.83	36.55	6.69	-40.57	45.50	74.00	28.50	PK	Vertical
4	9109.000	41.23	38.50	7.34	-38.89	48.18	74.00	25.82	PK	Vertical
5	11194.900	40.66	39.21	8.25	-39.19	48.93	74.00	25.07	PK	Vertical
6	11795.000	40.81	38.91	8.63	-39.80	48.55	74.00	25.45	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5700 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\29		
Memo:	Sample Number: S24111520-010		

Test Graph



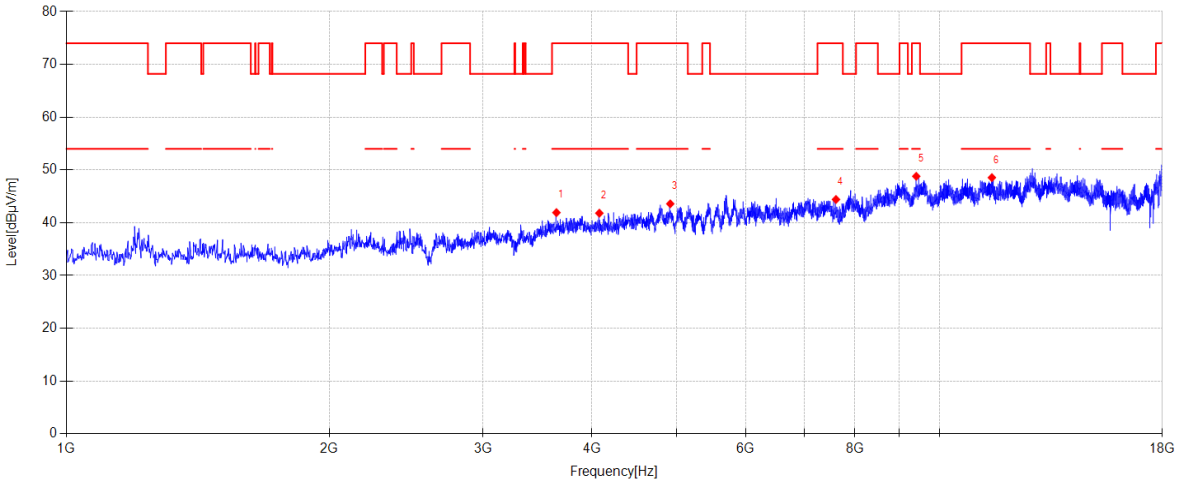
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3626.500	48.03	30.11	4.29	-39.59	42.84	74.00	31.16	PK	Horizontal
2	4071.900	46.23	31.04	4.57	-39.67	42.17	74.00	31.83	PK	Horizontal
3	4918.500	44.83	33.04	5.13	-39.61	43.39	74.00	30.61	PK	Horizontal
4	7436.200	42.57	36.63	6.22	-40.61	44.81	74.00	29.19	PK	Horizontal
5	10700.200	41.23	39.40	7.28	-39.18	48.73	74.00	25.27	PK	Horizontal
6	11506.000	41.91	39.19	7.69	-39.51	49.28	74.00	24.72	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5700 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\30		
Memo:	Sample Number: S24111520-010		

Test Graph



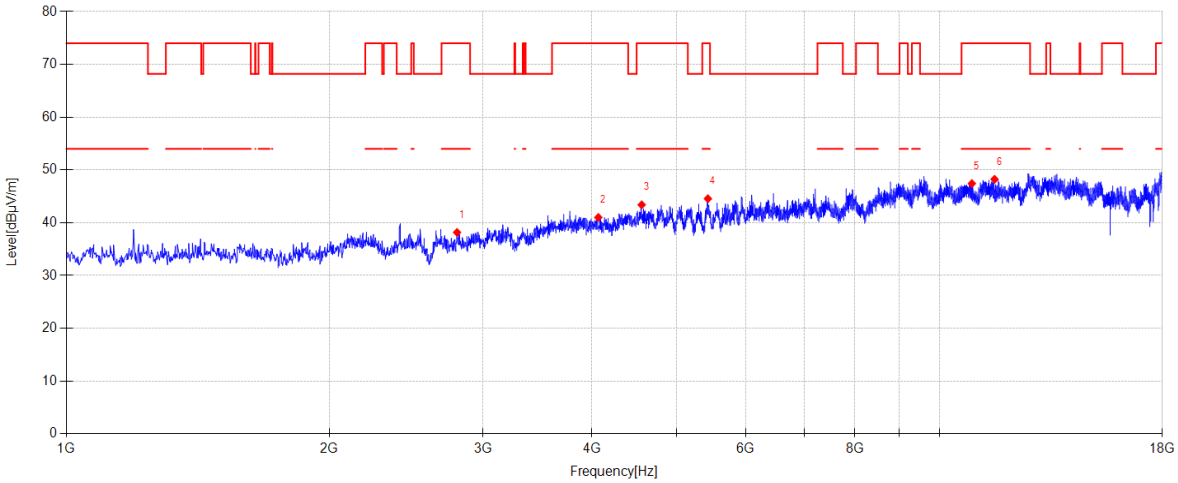
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3641.800	47.04	30.17	4.30	-39.59	41.92	74.00	32.08	PK	Vertical
2	4078.700	45.85	31.06	4.57	-39.67	41.81	74.00	32.19	PK	Vertical
3	4916.800	45.03	33.03	5.13	-39.61	43.58	74.00	30.42	PK	Vertical
4	7611.300	42.00	36.52	6.34	-40.45	44.41	74.00	29.59	PK	Vertical
5	9406.500	42.21	38.70	7.02	-39.13	48.80	74.00	25.20	PK	Vertical
6	11482.200	41.14	39.22	7.67	-39.48	48.55	74.00	25.45	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5720 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\31		
Memo:	Sample Number: S24111520-010		

Test Graph



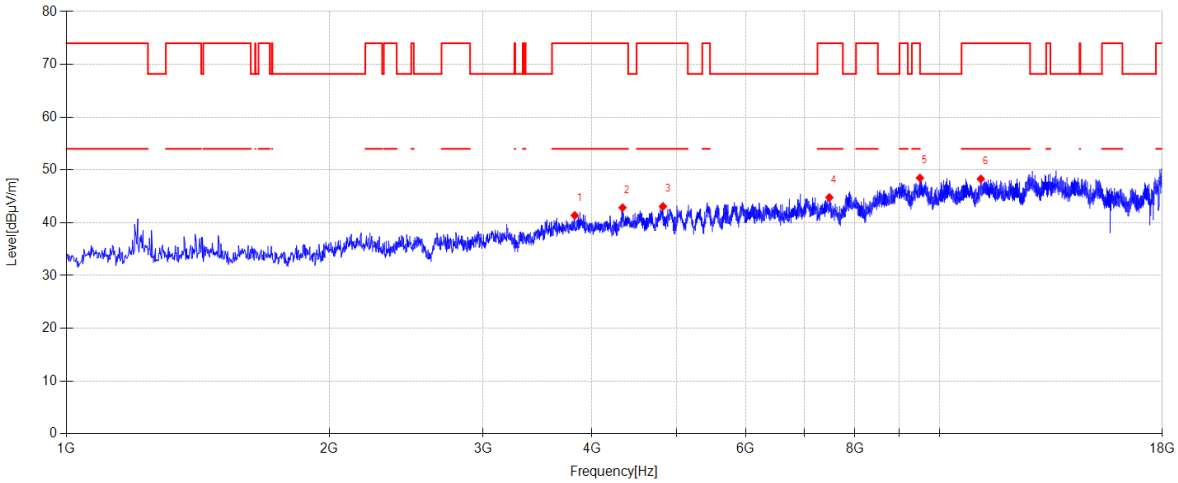
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2802.000	46.14	27.42	3.80	-39.19	38.17	74.00	35.83	PK	Horizontal
2	4066.800	45.08	31.03	4.56	-39.67	41.00	74.00	33.00	PK	Horizontal
3	4559.800	46.25	31.90	4.89	-39.64	43.40	74.00	30.60	PK	Horizontal
4	5430.200	45.65	33.04	5.46	-39.60	44.55	74.00	29.45	PK	Horizontal
5	10892.300	39.83	39.31	7.35	-39.06	47.43	74.00	26.57	PK	Horizontal
6	11563.800	41.01	39.07	7.72	-39.56	48.24	74.00	25.76	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5720 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\32		
Memo:	Sample Number: S24111520-010		

Test Graph



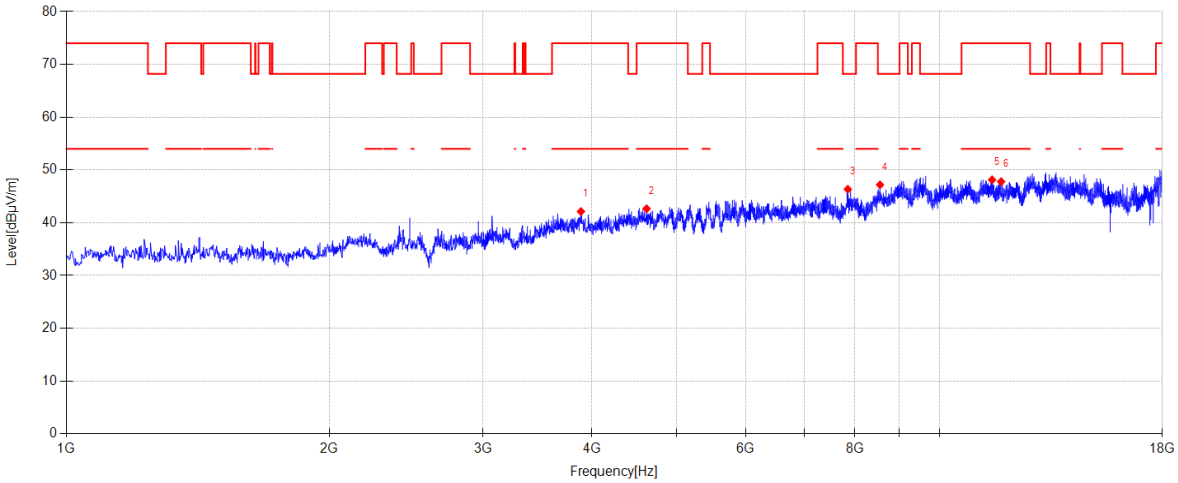
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3822.000	45.83	30.79	4.41	-39.64	41.39	74.00	32.61	PK	Vertical
2	4335.400	46.16	31.60	4.74	-39.65	42.85	74.00	31.15	PK	Vertical
3	4823.300	44.53	33.11	5.06	-39.61	43.09	74.00	30.91	PK	Vertical
4	7480.400	42.57	36.54	6.25	-40.57	44.79	74.00	29.21	PK	Vertical
5	9498.300	41.95	38.70	7.03	-39.20	48.48	74.00	25.52	PK	Vertical
6	11152.400	40.73	39.25	7.47	-39.15	48.30	74.00	25.70	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5745 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\33		
Memo:	Sample Number: S24111520-010		

Test Graph



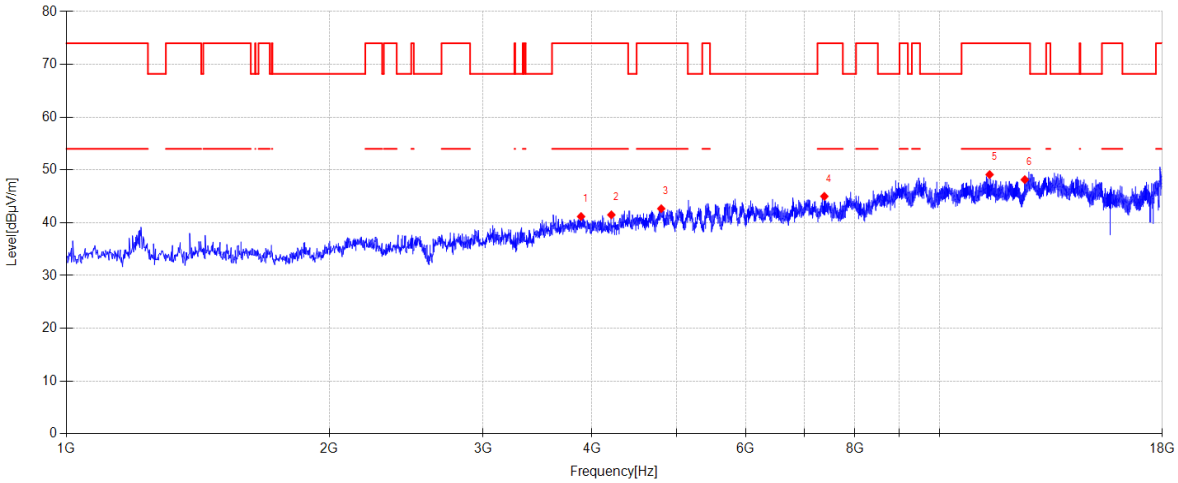
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3884.900	46.22	31.11	4.45	-39.65	42.13	74.00	31.87	PK	Horizontal
2	4619.300	45.41	31.94	4.93	-39.63	42.65	74.00	31.35	PK	Horizontal
3	7852.700	43.17	36.91	6.50	-40.23	46.35	68.20	21.85	PK	Horizontal
4	8549.700	41.86	37.90	6.82	-39.39	47.19	68.20	21.01	PK	Horizontal
5	11489.000	40.73	39.21	7.68	-39.49	48.13	74.00	25.87	PK	Horizontal
6	11766.100	40.78	38.93	7.85	-39.77	47.79	74.00	26.21	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5745 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\34		
Memo:	Sample Number: S24111520-010		

Test Graph



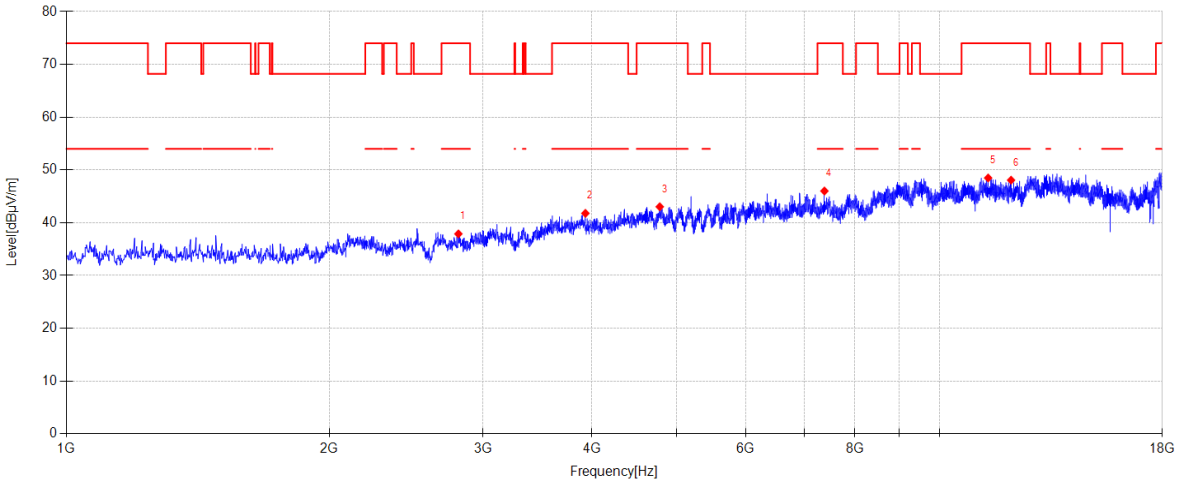
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3886.600	45.25	31.12	4.45	-39.65	41.17	74.00	32.83	PK	Vertical
2	4209.600	45.25	31.24	4.66	-39.66	41.49	74.00	32.51	PK	Vertical
3	4801.200	44.70	32.53	5.05	-39.62	42.66	74.00	31.34	PK	Vertical
4	7381.800	42.74	36.74	6.18	-40.66	45.00	74.00	29.00	PK	Vertical
5	11414.200	41.61	39.29	7.63	-39.41	49.12	74.00	24.88	PK	Vertical
6	12524.300	40.46	39.40	8.20	-39.90	48.16	74.00	25.84	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5785 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\35		
Memo:	Sample Number: S24111520-010		

Test Graph



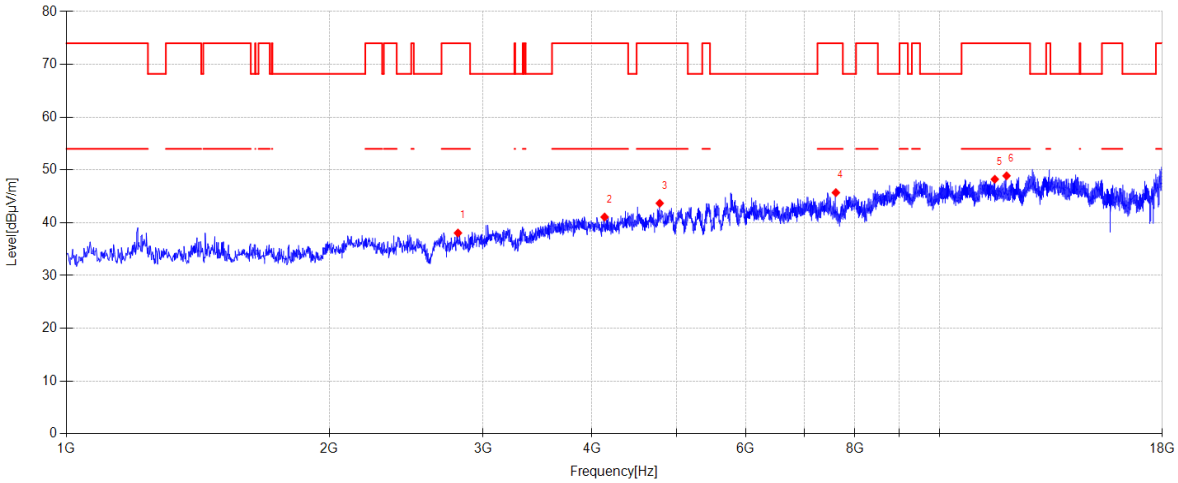
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2812.200	45.79	27.50	3.80	-39.20	37.89	74.00	36.11	PK	Horizontal
2	3930.800	45.82	31.14	4.48	-39.66	41.78	74.00	32.22	PK	Horizontal
3	4782.500	45.18	32.43	5.04	-39.62	43.03	74.00	30.97	PK	Horizontal
4	7383.500	43.75	36.73	6.18	-40.65	46.01	74.00	27.99	PK	Horizontal
5	11370.000	40.98	39.27	7.61	-39.37	48.49	74.00	25.51	PK	Horizontal
6	12078.900	40.75	39.28	8.02	-39.98	48.07	74.00	25.93	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5785 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\36		
Memo:	Sample Number: S24111520-010		

Test Graph



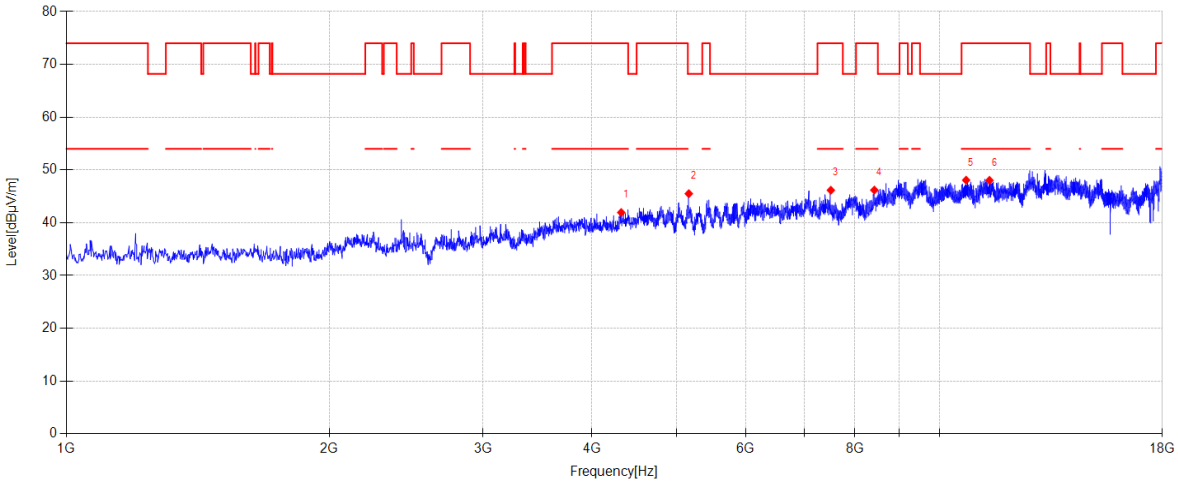
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2808.800	45.98	27.47	3.80	-39.20	38.05	74.00	35.95	PK	Vertical
2	4134.800	44.97	31.17	4.61	-39.67	41.08	74.00	32.92	PK	Vertical
3	4782.500	45.84	32.43	5.04	-39.62	43.69	74.00	30.31	PK	Vertical
4	7609.600	43.31	36.52	6.33	-40.45	45.71	74.00	28.29	PK	Vertical
5	11572.300	41.02	39.06	7.73	-39.57	48.24	74.00	25.76	PK	Vertical
6	11936.100	41.87	39.01	7.95	-39.94	48.89	74.00	25.11	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5825 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\37		
Memo:	Sample Number: S24111520-010		

Test Graph



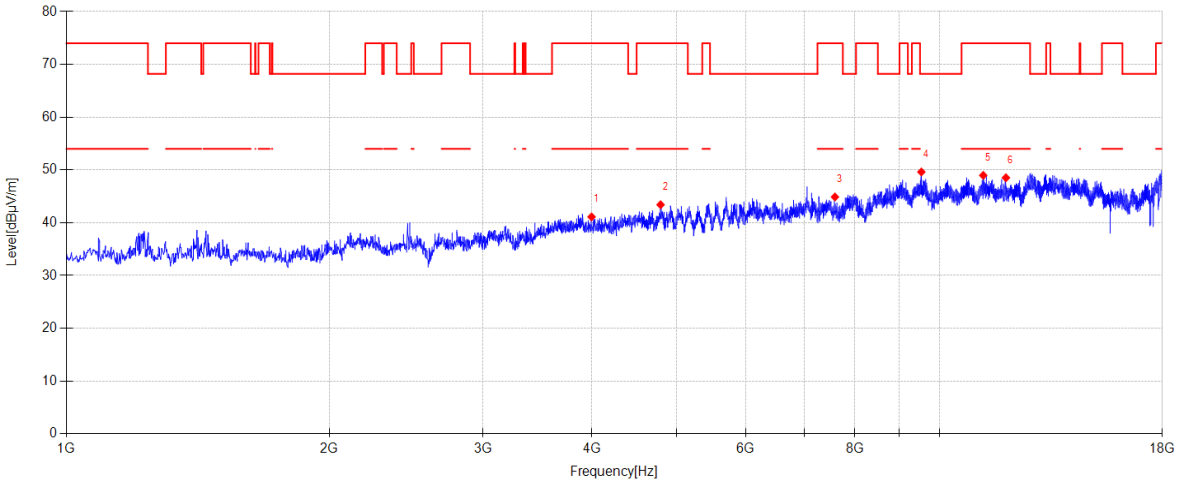
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	4320.100	45.26	31.60	4.73	-39.65	41.94	74.00	32.06	PK	Horizontal
2	5163.300	46.44	33.37	5.29	-39.60	45.50	68.20	22.70	PK	Horizontal
3	7509.300	43.95	36.48	6.27	-40.54	46.16	74.00	27.84	PK	Horizontal
4	8422.200	41.47	37.50	6.77	-39.55	46.19	74.00	27.81	PK	Horizontal
5	10729.100	40.54	39.40	7.29	-39.16	48.07	74.00	25.93	PK	Horizontal
6	11410.800	40.52	39.29	7.63	-39.41	48.03	74.00	25.97	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:	2024-12-02	**Tested By**:	Guoyuan Lin
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 TX 5825 MHz Mode	**Power Supply**:	Battery
Condition:	Temp:23.5°C;Humi:56.5%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\FCC RE Above 1G 5G\38		
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	3995.400	45.35	30.92	4.52	-39.68	41.11	74.00	32.89	PK	Vertical
2	4792.700	45.52	32.47	5.04	-39.62	43.41	74.00	30.59	PK	Vertical
3	7590.900	42.55	36.48	6.32	-40.47	44.88	74.00	29.12	PK	Vertical
4	9534.000	43.19	38.63	7.03	-39.23	49.62	68.20	18.58	PK	Vertical
5	11223.800	41.48	39.20	7.52	-39.22	48.98	74.00	25.02	PK	Vertical
6	11915.700	41.56	38.95	7.94	-39.92	48.53	74.00	25.47	PK	Vertical

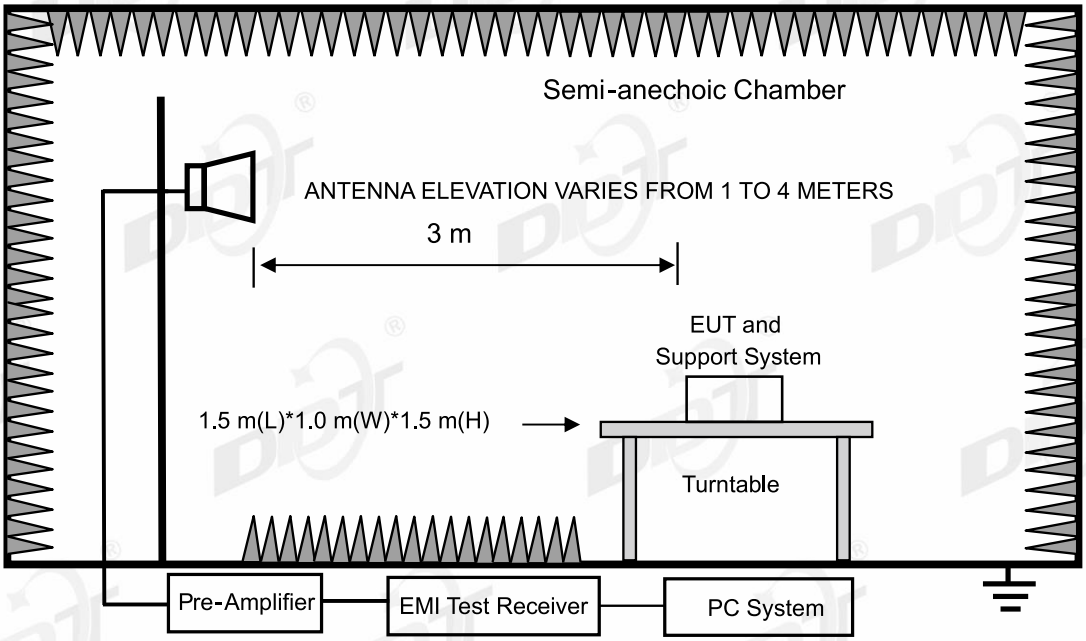
Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Band Edge Compliance

14.1. Test equipment

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

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

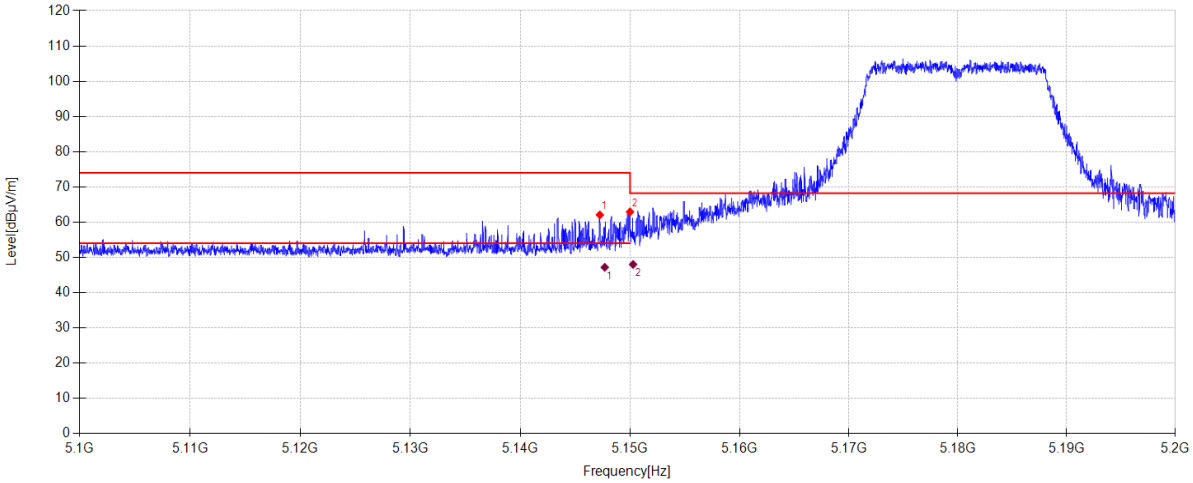
PASS. (See below detailed test result)

14.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5180 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\53		
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	5147.250	52.99	33.40	5.28	-29.60	62.07	74.00	11.93	PK	Horizontal
2	5150.000	53.83	33.40	5.28	-29.60	62.91	68.20	5.29	PK	Horizontal

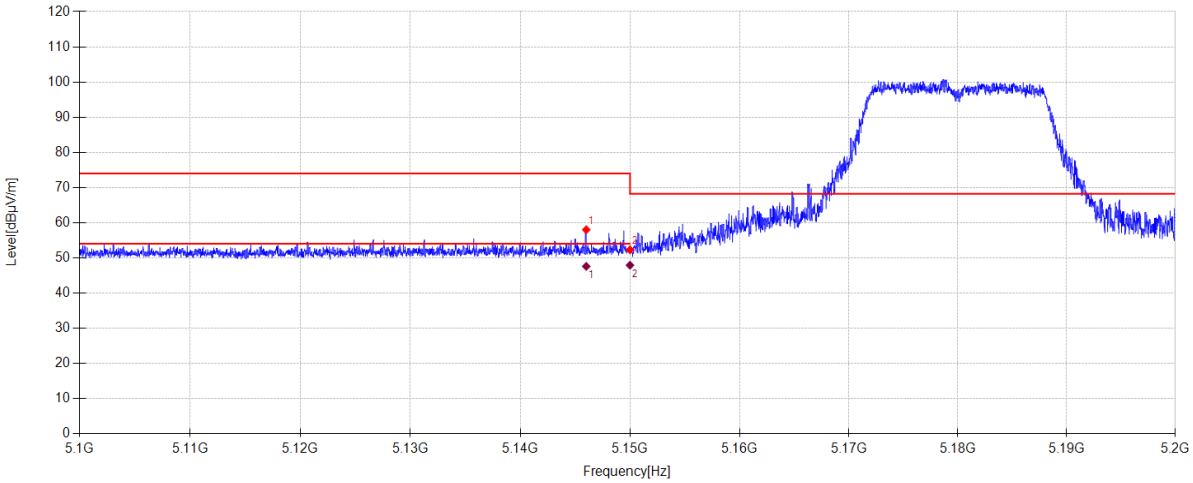
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5147.696	38.10	33.40	5.28	47.18	54	6.82	AV	Horizontal
2	5150.283	38.92	33.40	5.28	48.00	54	6.00	AV	Horizontal

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5180 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\54		
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	5146.010	48.92	33.40	5.28	-29.60	58.00	74.00	16.00	PK	Vertical
2	5150.000	43.24	33.40	5.28	-29.60	52.32	68.20	15.88	PK	Vertical

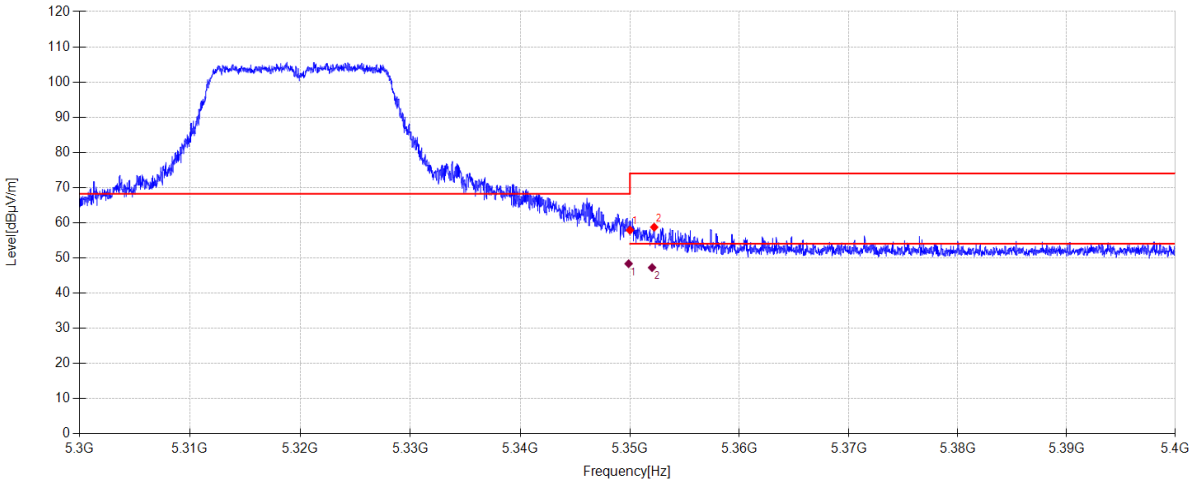
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5146.010	38.52	33.40	5.28	47.60	54	6.40	AV	Vertical
2	5150.000	38.84	33.40	5.28	47.92	54	6.08	AV	Vertical

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5320 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\51		
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	5350.000	48.98	33.10	5.41	-29.60	57.89	68.20	10.31	PK	Horizontal
2	5352.220	49.82	33.10	5.41	-29.60	58.73	74.00	15.27	PK	Horizontal

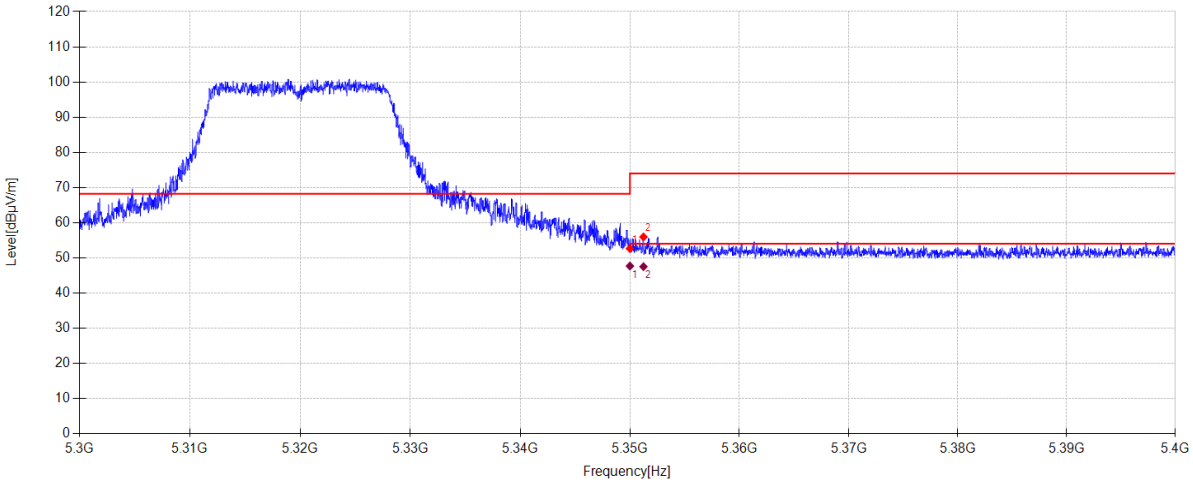
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5349.883	39.44	33.10	5.41	48.35	54	5.65	AV	Horizontal
2	5352.023	38.33	33.10	5.41	47.24	54	6.76	AV	Horizontal

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5320 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\52		
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	5350.000	43.74	33.10	5.41	-29.60	52.65	68.20	15.55	PK	Vertical
2	5351.240	47.05	33.10	5.41	-29.60	55.96	74.00	18.04	PK	Vertical

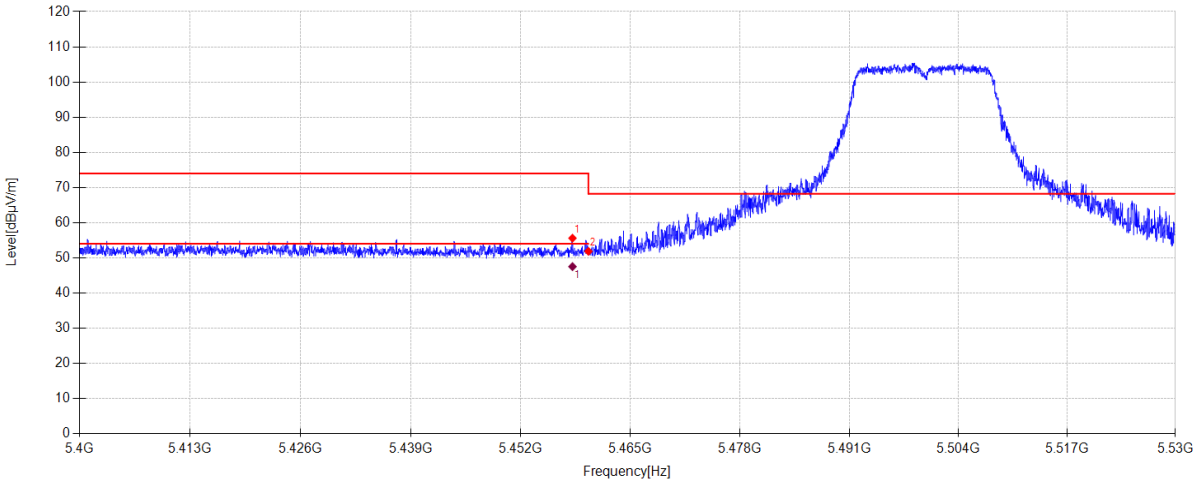
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5350.000	38.78	33.10	5.41	47.69	54	6.31	AV	Vertical
2	5351.240	38.60	33.10	5.41	47.51	54	6.49	AV	Vertical

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5500 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\49		
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	5458.110	46.72	33.00	5.48	-29.60	55.60	74.00	18.40	PK	Horizontal
2	5460.000	42.99	33.00	5.48	-29.60	51.87	68.20	16.33	PK	Horizontal

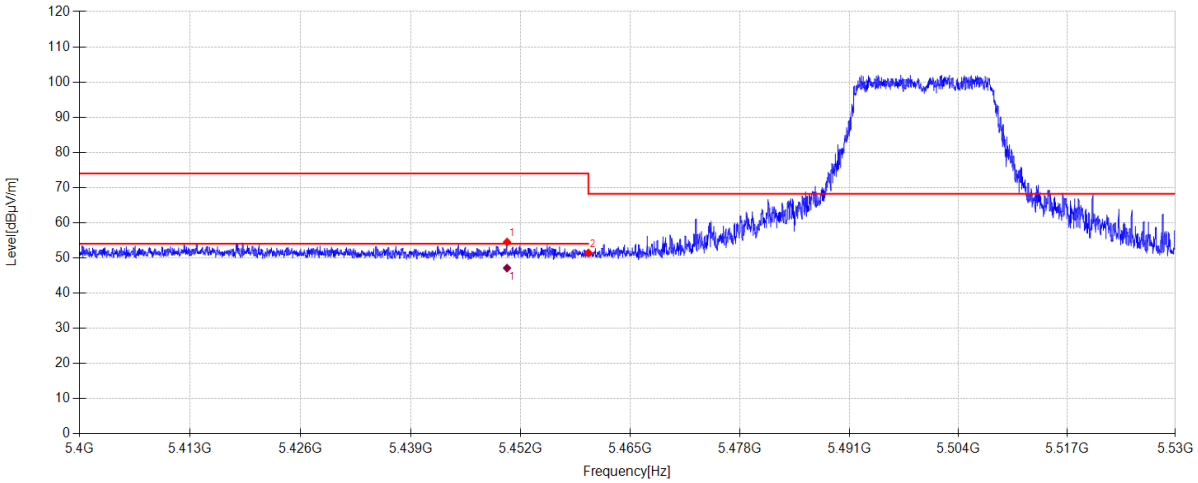
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5458.110	38.65	33.00	5.48	47.53	54	6.47	AV	Horizontal

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5500 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\50		
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	5450.362	45.63	33.00	5.48	-29.60	54.51	74.00	19.49	PK	Vertical
2	5460.000	42.52	33.00	5.48	-29.60	51.40	68.20	16.80	PK	Vertical

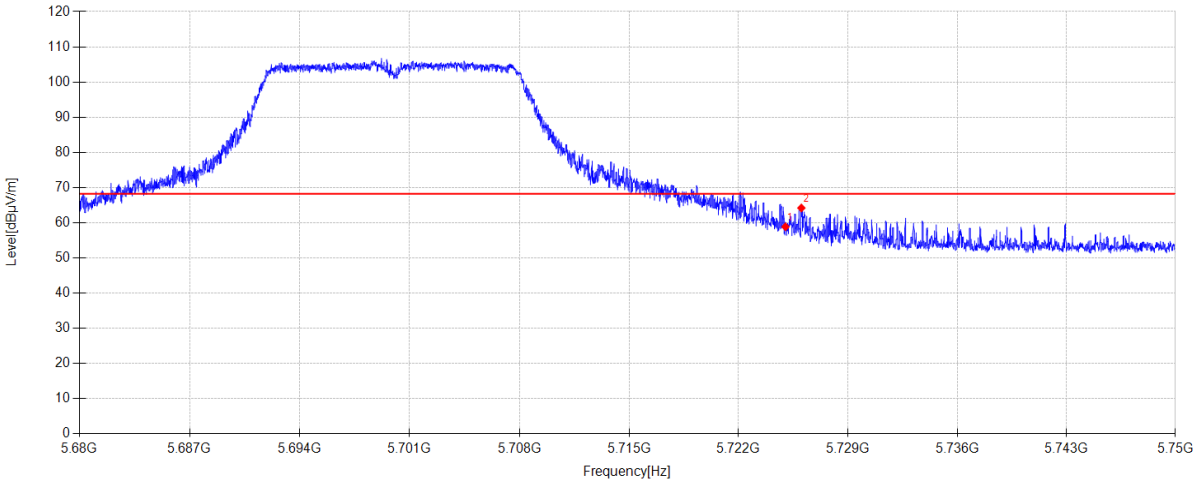
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5450.362	38.23	33.00	5.48	47.11	54	6.89	AV	Vertical

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5700 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\47		
Memo:	Sample Number: S24111520-010		

Test Graph



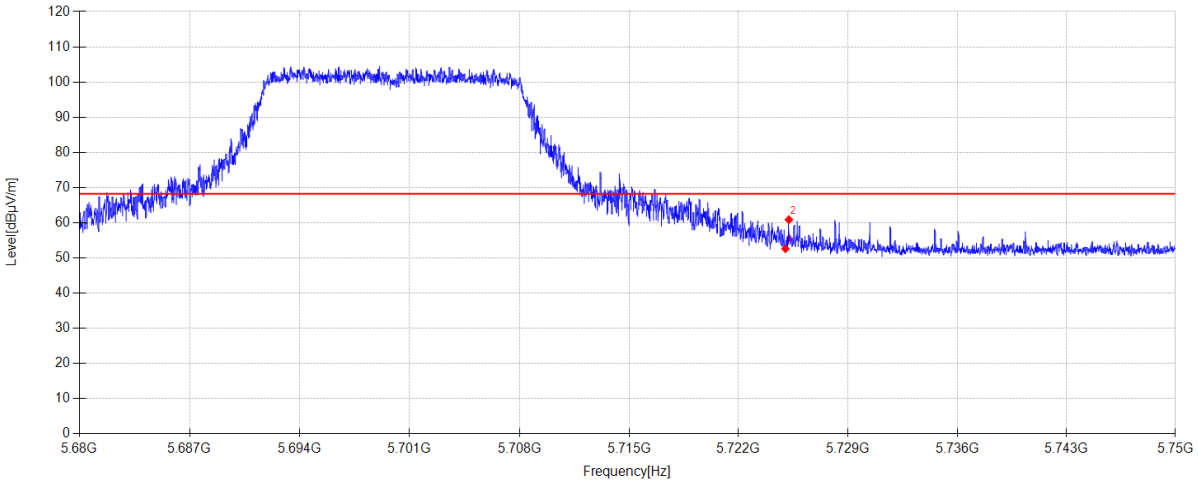
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	49.03	33.75	5.66	-29.60	58.84	68.20	9.36	PK	Horizontal
2	5726.018	54.37	33.76	5.66	-29.60	64.19	68.20	4.01	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5700 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\48		
Memo:	Sample Number: S24111520-010		

Test Graph



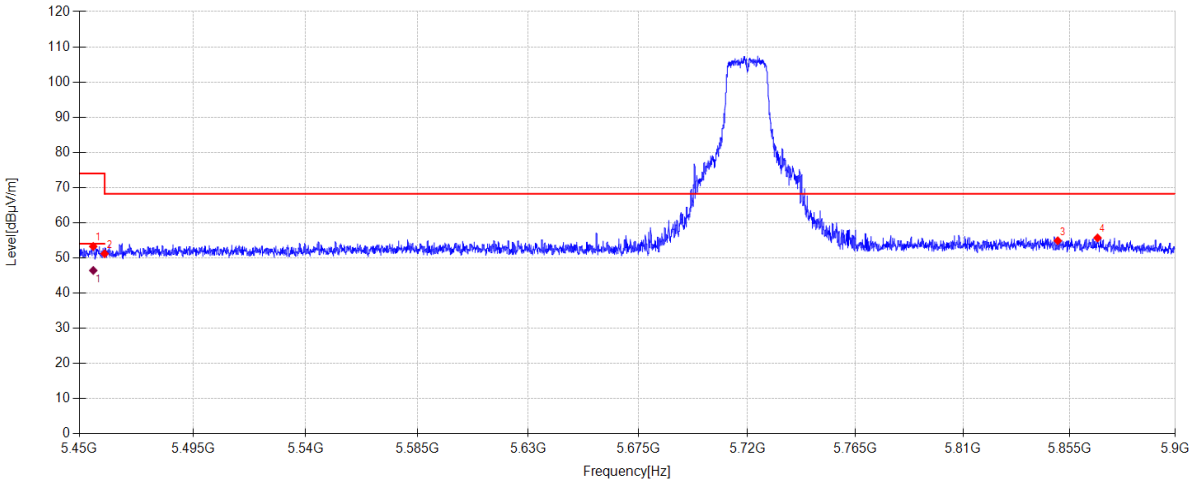
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	42.80	33.75	5.66	-29.60	52.61	68.20	15.59	PK	Vertical
2	5725.220	51.07	33.75	5.66	-29.60	60.88	68.20	7.32	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5720 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\45		
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	5455.490	44.38	33.00	5.48	-29.60	53.26	74.00	20.74	PK	Horizontal
2	5460.000	42.31	33.00	5.48	-29.60	51.19	68.20	17.01	PK	Horizontal
3	5850.000	44.73	34.00	5.74	-29.60	54.87	68.20	13.33	PK	Horizontal
4	5866.880	45.50	34.03	5.75	-29.60	55.68	68.20	12.52	PK	Horizontal

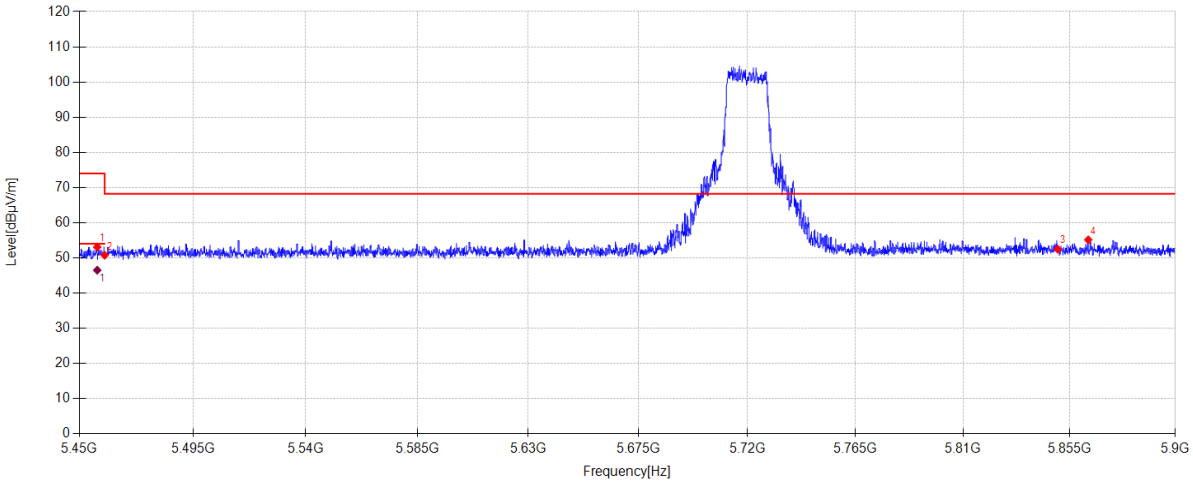
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5455.490	37.55	33.00	5.48	46.43	54	7.57	AV	Horizontal

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5720 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\46		
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	5457.065	44.20	33.00	5.48	-29.60	53.08	74.00	20.92	PK	Vertical
2	5460.000	41.88	33.00	5.48	-29.60	50.76	68.20	17.44	PK	Vertical
3	5850.000	42.35	34.00	5.74	-29.60	52.49	68.20	15.71	PK	Vertical
4	5862.920	44.96	34.03	5.75	-29.60	55.14	68.20	13.06	PK	Vertical

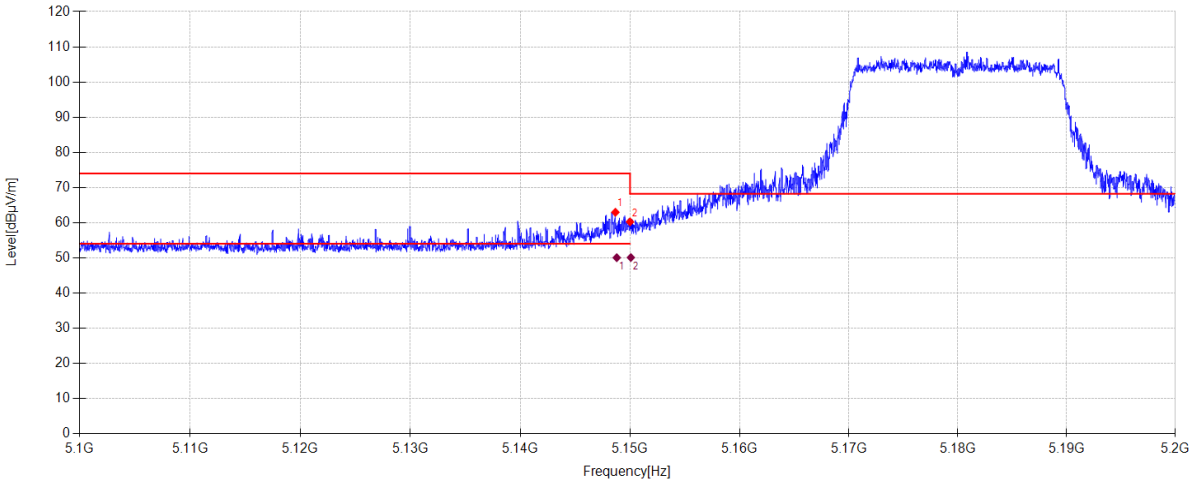
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5457.065	37.63	33.00	5.48	46.51	54	7.49	AV	Vertical

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:	2025-01-16	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5180 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\23		
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	5148.670	53.89	33.40	5.28	-29.60	62.97	74.00	11.03	PK	Horizontal
2	5150.000	51.17	33.40	5.28	-29.60	60.25	68.20	7.95	PK	Horizontal

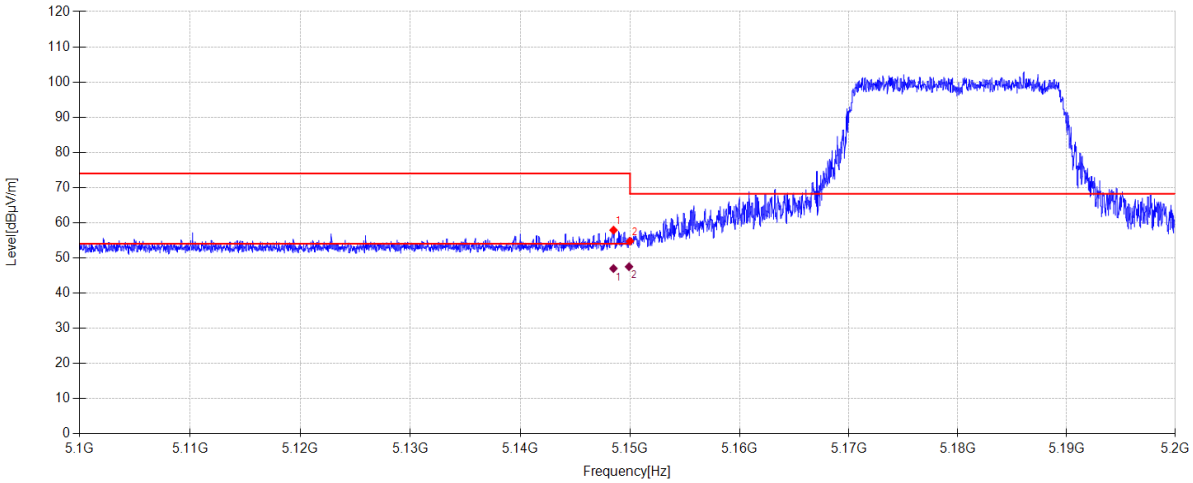
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.789	40.99	33.40	5.28	50.07	54	3.93	AV	Horizontal
2	5150.078	41.03	33.40	5.28	50.11	54	3.89	AV	Horizontal

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:	2025-01-16	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5180 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\24		
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	5148.500	48.81	33.40	5.28	-29.60	57.89	74.00	16.11	PK	Vertical
2	5150.000	45.68	33.40	5.28	-29.60	54.76	68.20	13.44	PK	Vertical

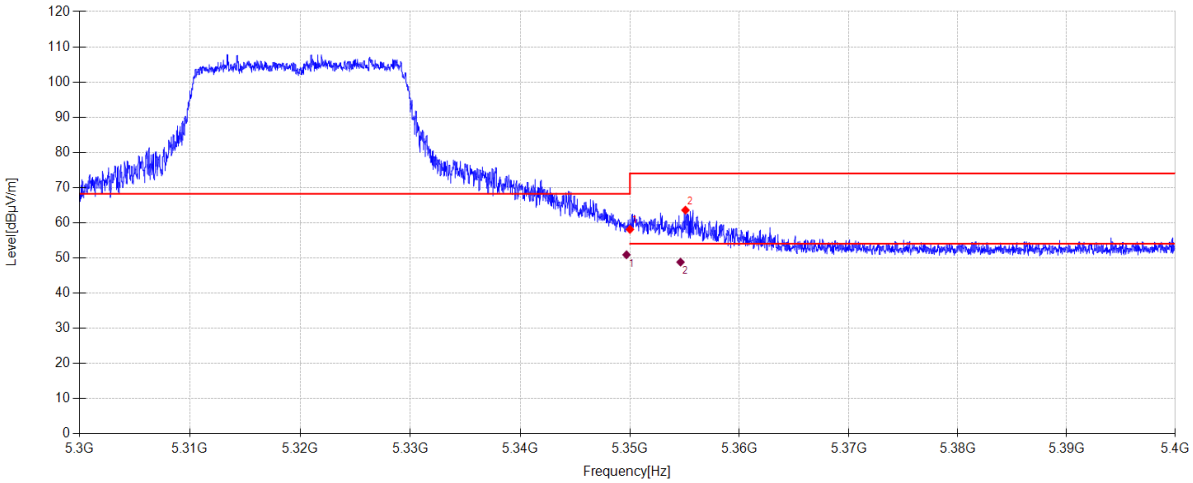
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.491	37.90	33.40	5.28	46.98	54	7.02	AV	Vertical
2	5149.911	38.42	33.40	5.28	47.50	54	6.50	AV	Vertical

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5320 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\25		
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	5350.000	49.19	33.10	5.41	-29.60	58.10	68.20	10.10	PK	Horizontal
2	5355.070	54.66	33.10	5.41	-29.60	63.57	74.00	10.43	PK	Horizontal

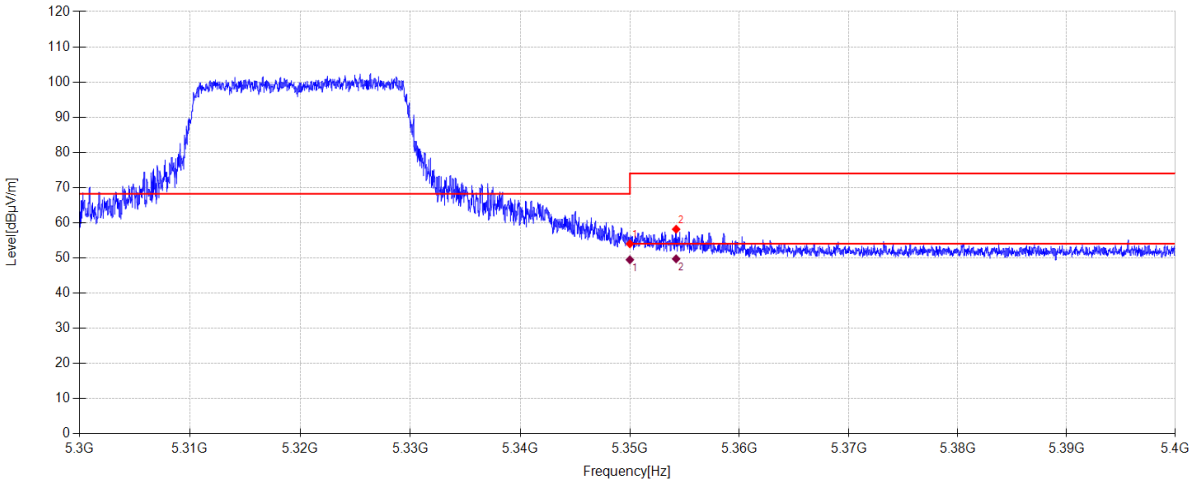
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5349.690	41.98	33.10	5.41	50.89	54	3.11	AV	Horizontal
2	5354.621	39.89	33.10	5.41	48.80	54	5.20	AV	Horizontal

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5320 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\26		
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	5350.000	45.09	33.10	5.41	-29.60	54.00	68.20	14.20	PK	Vertical
2	5354.220	49.24	33.10	5.41	-29.60	58.15	74.00	15.85	PK	Vertical

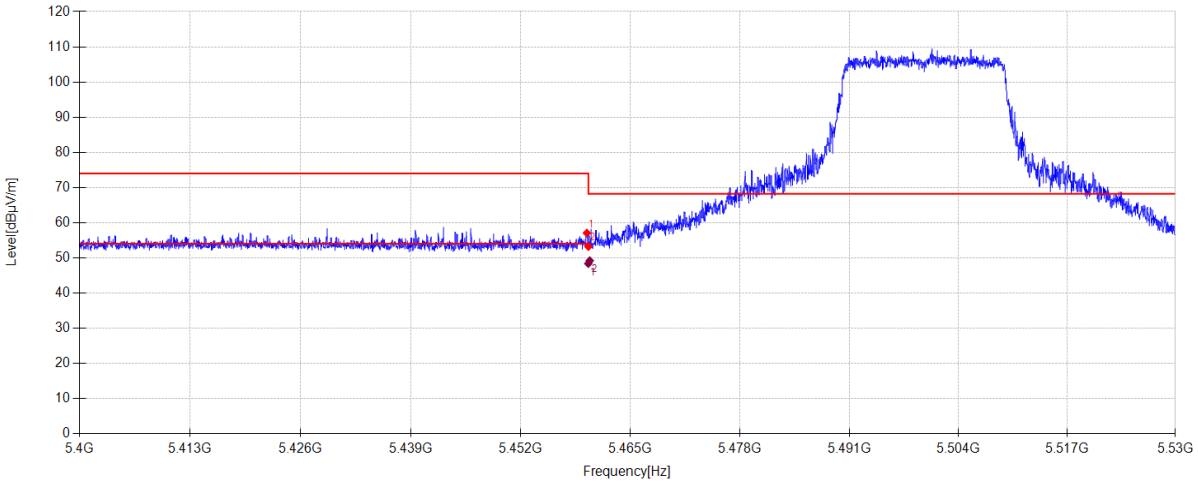
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5350.000	40.56	33.10	5.41	49.47	54	4.53	AV	Vertical
2	5354.220	40.82	33.10	5.41	49.73	54	4.27	AV	Vertical

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5500 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\27		
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	5459.813	48.20	33.00	5.48	-29.60	57.08	74.00	16.92	PK	Horizontal
2	5460.000	44.34	33.00	5.48	-29.60	53.22	68.20	14.98	PK	Horizontal

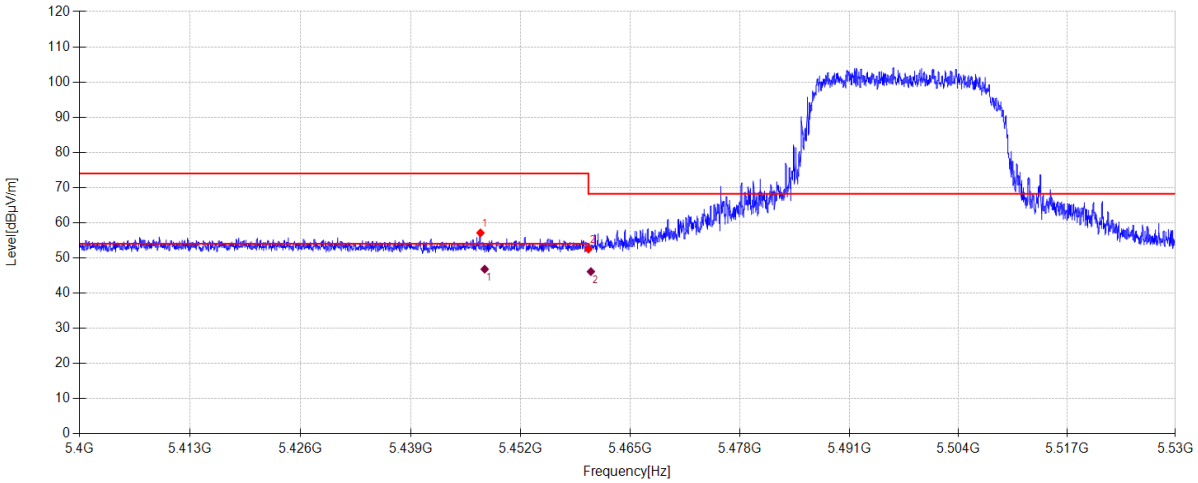
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5459.982	39.51	33.00	5.48	48.39	54	5.61	AV	Horizontal
2	5460.158	40.34	33.00	5.48	49.22	54	4.78	AV	Horizontal

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5500 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\28		
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	5447.216	48.22	33.01	5.48	-29.60	57.11	74.00	16.89	PK	Vertical
2	5460.000	43.65	33.00	5.48	-29.60	52.53	68.20	15.67	PK	Vertical

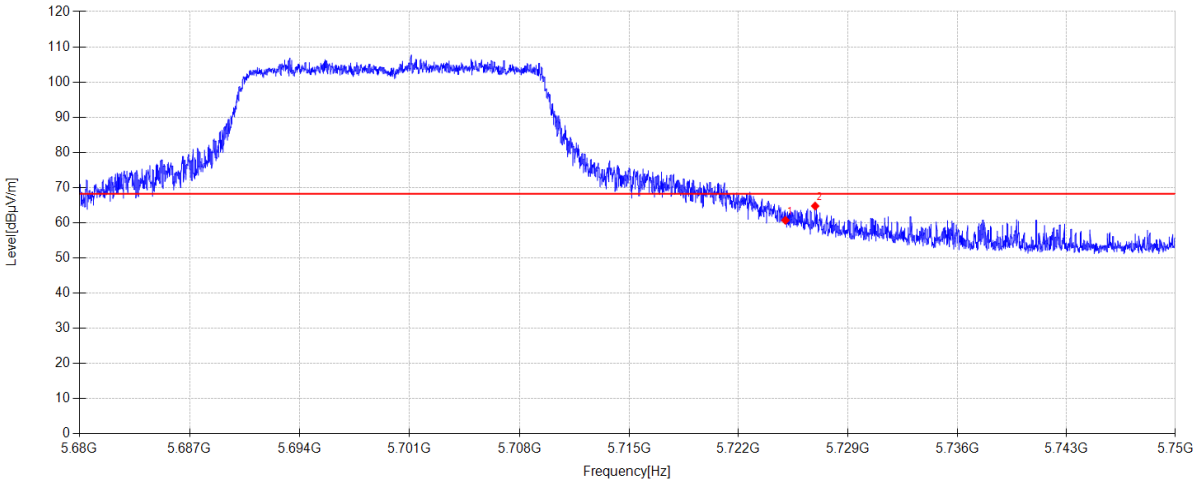
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5447.716	37.90	33.01	5.48	46.79	54	7.21	AV	Vertical
2	5460.293	37.22	33.00	5.48	46.10	54	7.90	AV	Vertical

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5700 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\29		
Memo:	Sample Number: S24111520-010		

Test Graph



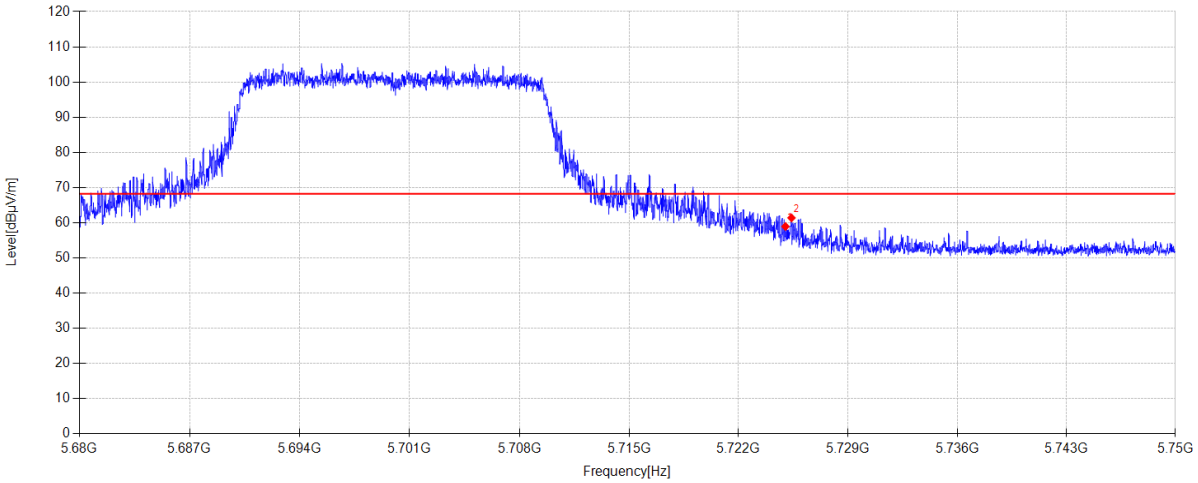
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	50.88	33.75	5.66	-29.60	60.69	68.20	7.51	PK	Horizontal
2	5726.900	54.93	33.76	5.66	-29.60	64.75	68.20	3.45	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5700 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\30		
Memo:	Sample Number: S24111520-010		

Test Graph



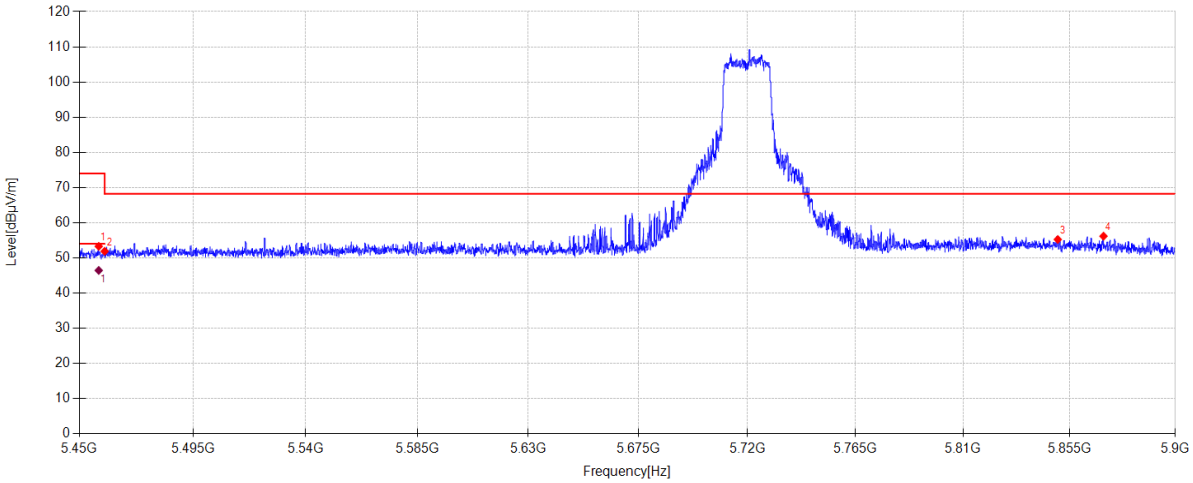
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	49.11	33.75	5.66	-29.60	58.92	68.20	9.28	PK	Vertical
2	5725.388	51.57	33.75	5.66	-29.60	61.38	68.20	6.82	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5720 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\31		
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	5457.650	44.41	33.00	5.48	-29.60	53.29	74.00	20.71	PK	Horizontal
2	5460.000	43.00	33.00	5.48	-29.60	51.88	68.20	16.32	PK	Horizontal
3	5850.000	45.10	34.00	5.74	-29.60	55.24	68.20	12.96	PK	Horizontal
4	5869.400	45.99	34.04	5.75	-29.60	56.18	68.20	12.02	PK	Horizontal

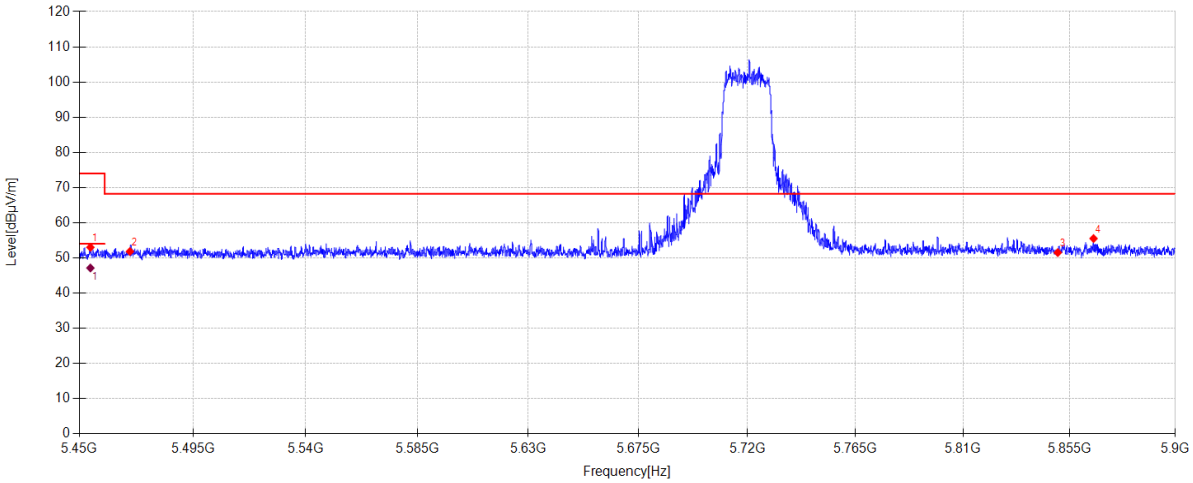
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5457.650	37.56	33.00	5.48	46.44	54	7.56	AV	Horizontal

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5720 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\32		
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	5454.365	44.13	33.00	5.48	-29.60	53.01	74.00	20.99	PK	Vertical
2	5470.000	42.92	33.00	5.49	-29.60	51.81	68.20	16.39	PK	Vertical
3	5850.000	41.37	34.00	5.74	-29.60	51.51	68.20	16.69	PK	Vertical
4	5865.170	45.33	34.03	5.75	-29.60	55.51	68.20	12.69	PK	Vertical

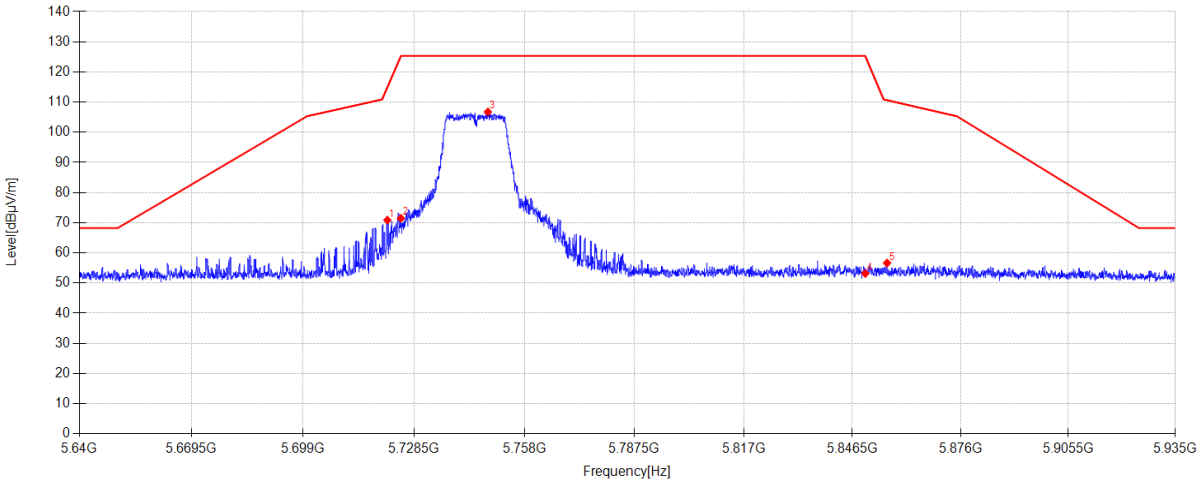
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5454.365	38.25	33.00	5.48	47.13	54	6.87	AV	Vertical

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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5745 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\43		
Memo:	Sample Number: S24111520-010		

Test Graph



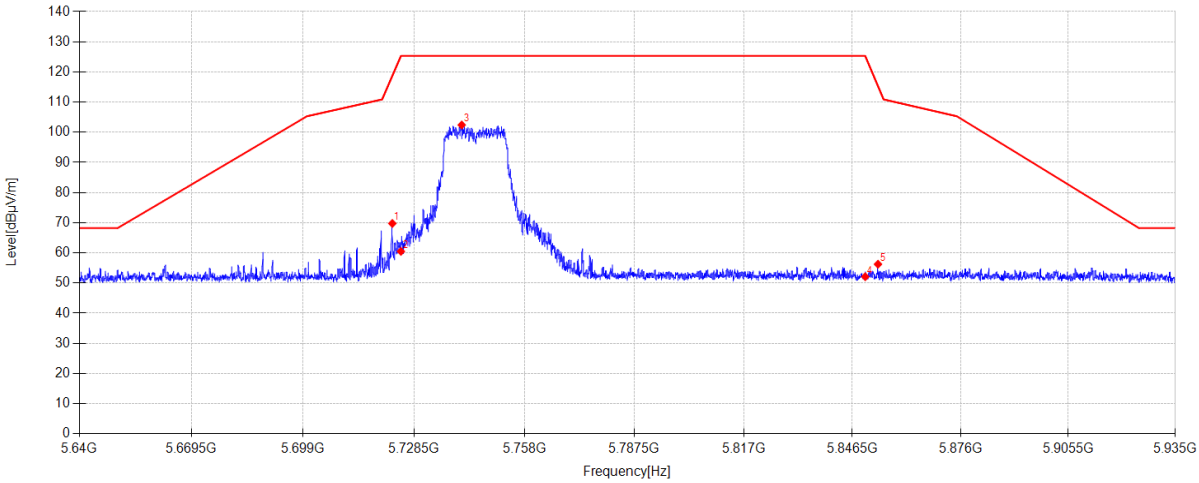
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5721.391	61.06	33.73	5.66	-29.60	70.85	114.90	44.05	PK	Horizontal
2	5725.000	61.65	33.75	5.66	-29.60	71.46	125.30	53.84	PK	Horizontal
3	5748.206	96.78	33.89	5.67	-29.60	106.74	125.30	18.56	PK	Horizontal
4	5850.000	43.03	34.00	5.74	-29.60	53.17	125.30	72.13	PK	Horizontal
5	5855.940	46.49	34.01	5.74	-29.60	56.64	110.64	54.00	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5745 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\44		
Memo:	Sample Number: S24111520-010		

Test Graph



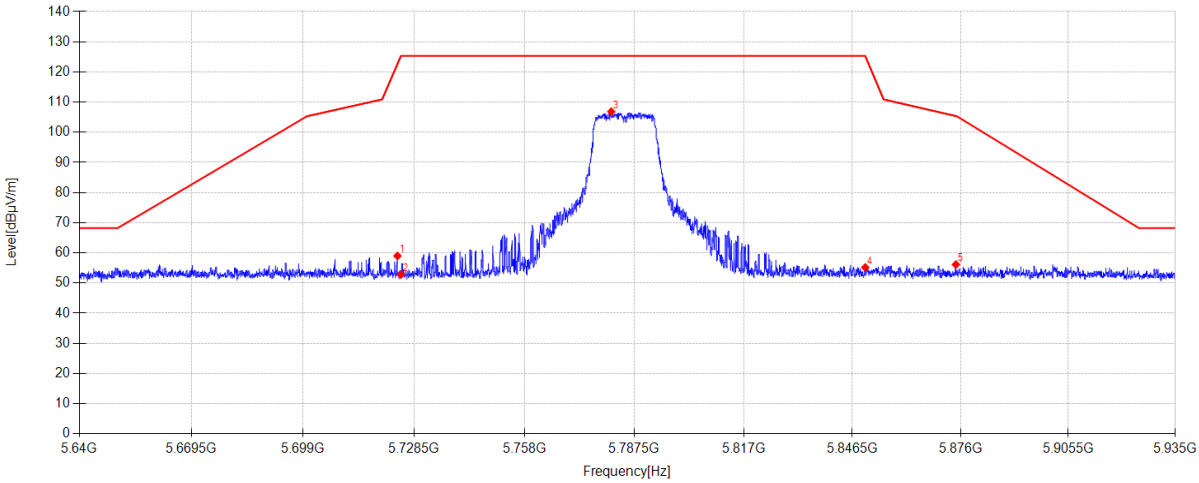
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5722.718	59.95	33.74	5.66	-29.60	69.75	118.73	48.98	PK	Vertical
2	5725.000	50.69	33.75	5.66	-29.60	60.50	125.30	64.80	PK	Vertical
3	5741.215	92.50	33.85	5.67	-29.60	102.42	125.30	22.88	PK	Vertical
4	5850.000	41.96	34.00	5.74	-29.60	52.10	125.30	73.20	PK	Vertical
5	5853.462	46.09	34.01	5.74	-29.60	56.24	115.33	59.09	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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5785 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\41		
Memo:	Sample Number: S24111520-010		

Test Graph



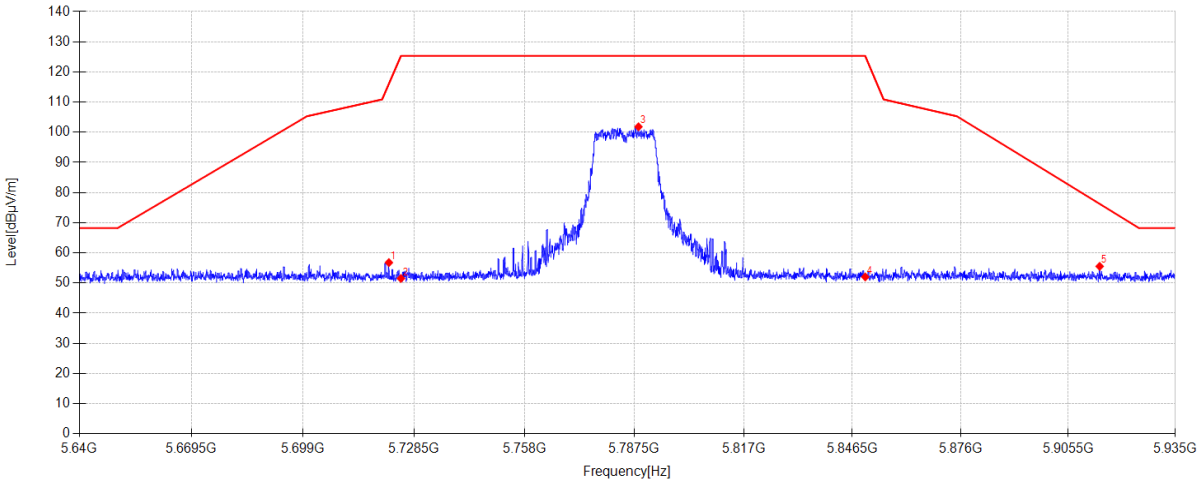
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5724.075	49.19	33.74	5.66	-29.60	58.99	122.64	63.65	PK	Horizontal
2	5725.000	42.99	33.75	5.66	-29.60	52.80	125.30	72.50	PK	Horizontal
3	5781.305	96.64	34.09	5.70	-29.60	106.83	125.30	18.47	PK	Horizontal
4	5850.000	45.03	34.00	5.74	-29.60	55.17	125.30	70.13	PK	Horizontal
5	5874.732	45.92	34.05	5.76	-29.60	56.13	105.38	49.25	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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5785 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\42		
Memo:	Sample Number: S24111520-010		

Test Graph



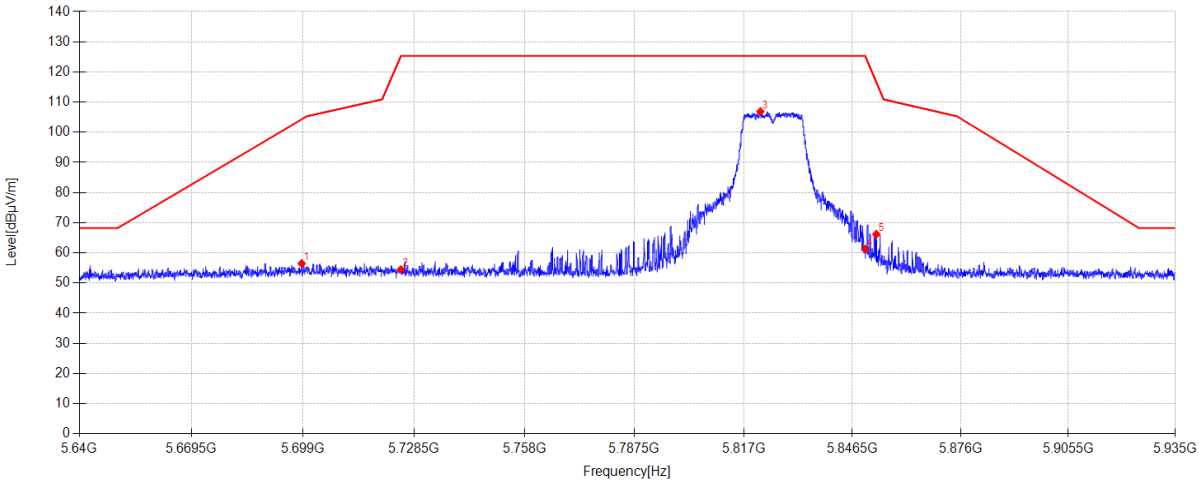
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5721.804	46.99	33.73	5.66	-29.60	56.78	116.09	59.31	PK	Vertical
2	5725.000	41.71	33.75	5.66	-29.60	51.52	125.30	73.78	PK	Vertical
3	5788.621	91.60	34.13	5.70	-29.60	101.83	125.30	23.47	PK	Vertical
4	5850.000	41.88	34.00	5.74	-29.60	52.02	125.30	73.28	PK	Vertical
5	5914.144	45.23	34.13	5.78	-29.60	55.54	76.26	20.72	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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5825 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\39		
Memo:	Sample Number: S24111520-010		

Test Graph



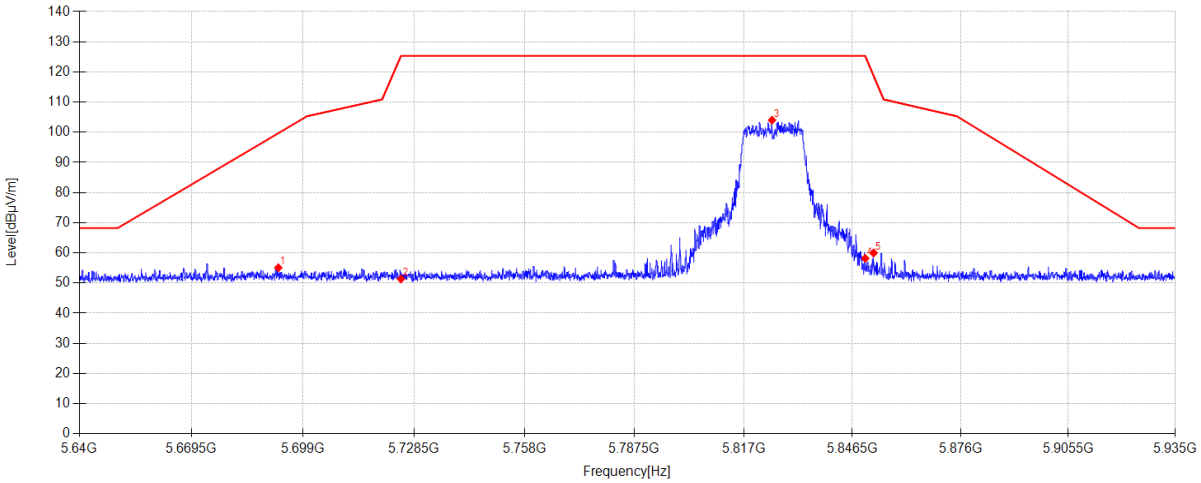
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5698.646	46.84	33.59	5.64	-29.60	56.47	104.30	47.83	PK	Horizontal
2	5725.000	44.64	33.75	5.66	-29.60	54.45	125.30	70.85	PK	Horizontal
3	5821.543	96.64	34.11	5.72	-29.60	106.87	125.30	18.43	PK	Horizontal
4	5850.000	51.13	34.00	5.74	-29.60	61.27	125.30	64.03	PK	Horizontal
5	5853.020	56.03	34.01	5.74	-29.60	66.18	116.60	50.42	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11A 5825 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\40		
Memo:	Sample Number: S24111520-010		

Test Graph



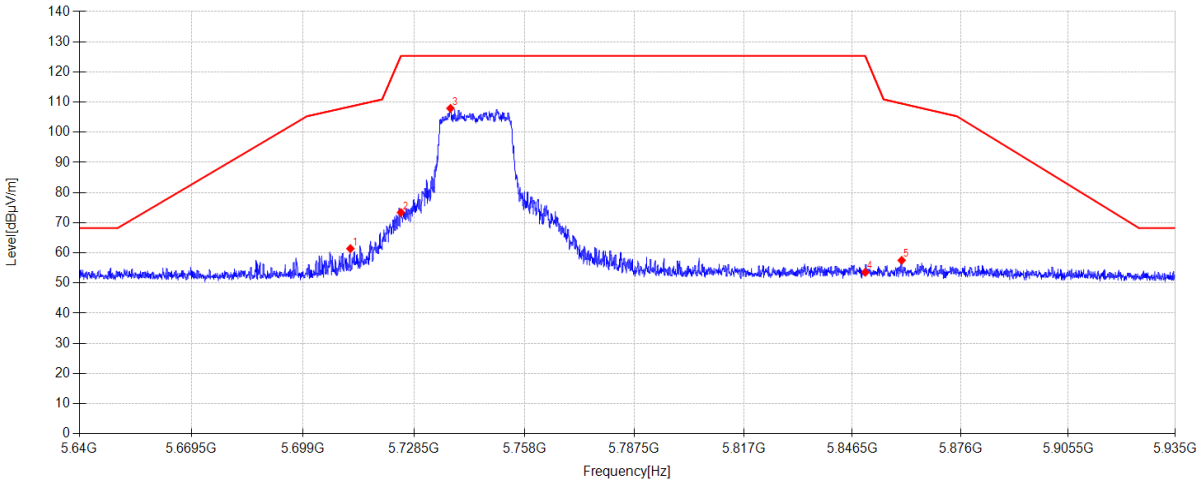
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5692.451	45.46	33.57	5.64	-29.60	55.07	99.70	44.63	PK	Vertical
2	5725.000	41.54	33.75	5.66	-29.60	51.35	125.30	73.95	PK	Vertical
3	5824.700	93.79	34.10	5.72	-29.60	104.01	125.30	21.29	PK	Vertical
4	5850.000	48.03	34.00	5.74	-29.60	58.17	125.30	67.13	PK	Vertical
5	5852.282	49.85	34.00	5.74	-29.60	59.99	118.73	58.74	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5745 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\33		
Memo:	Sample Number: S24111520-010		

Test Graph



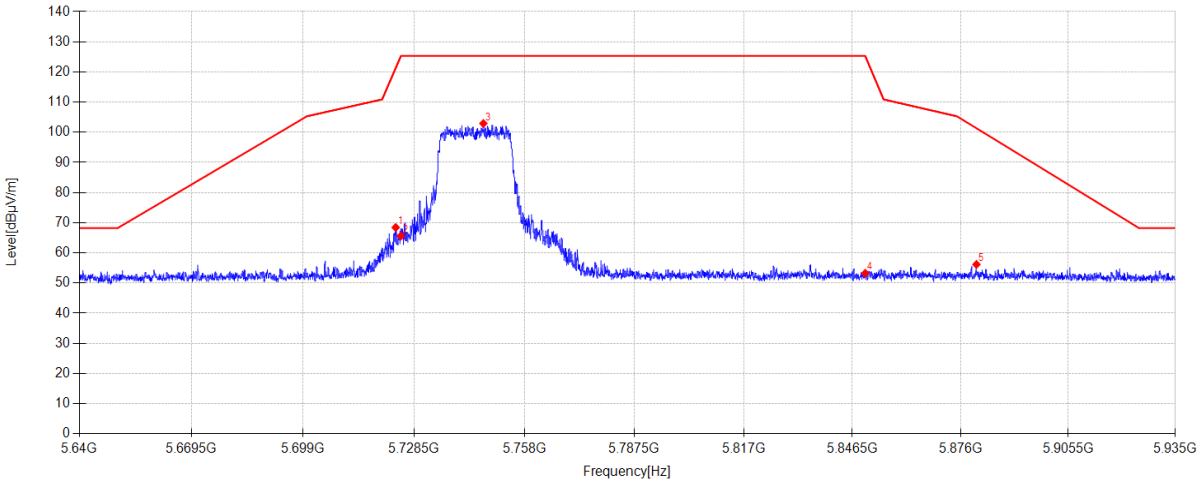
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5711.567	51.69	33.67	5.65	-29.60	61.41	108.54	47.13	PK	Horizontal
2	5725.000	63.59	33.75	5.66	-29.60	73.40	125.30	51.90	PK	Horizontal
3	5738.206	98.05	33.83	5.67	-29.60	107.95	125.30	17.35	PK	Horizontal
4	5850.000	43.42	34.00	5.74	-29.60	53.56	125.30	71.74	PK	Horizontal
5	5859.923	47.36	34.02	5.75	-29.60	57.53	109.52	51.99	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5745 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\34		
Memo:	Sample Number: S24111520-010		

Test Graph



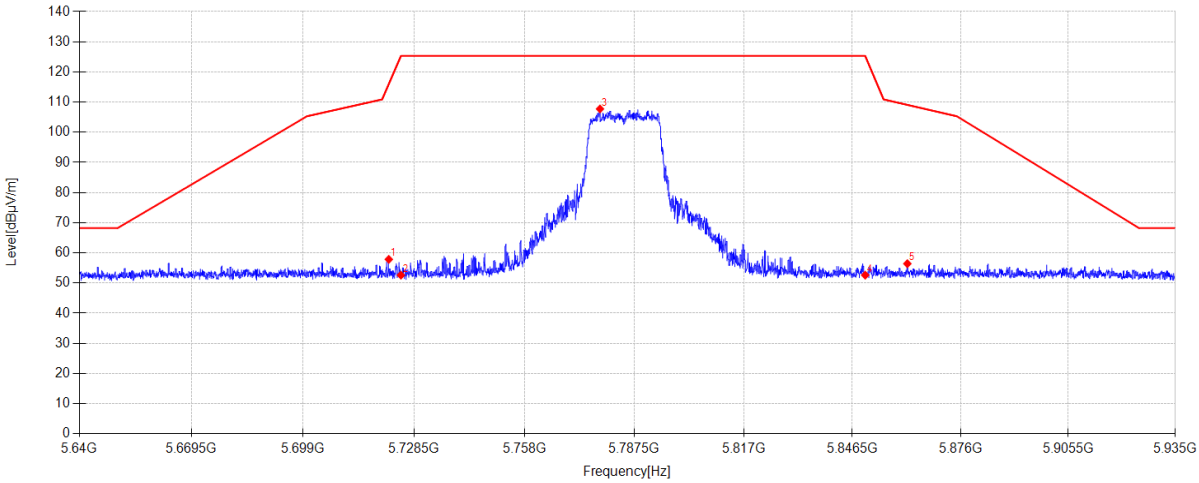
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5723.603	58.62	33.74	5.66	-29.60	68.42	121.28	52.86	PK	Vertical
2	5725.000	55.76	33.75	5.66	-29.60	65.57	125.30	59.73	PK	Vertical
3	5746.997	92.97	33.88	5.67	-29.60	102.92	125.30	22.38	PK	Vertical
4	5850.000	43.11	34.00	5.74	-29.60	53.25	125.30	72.05	PK	Vertical
5	5880.337	45.94	34.06	5.76	-29.60	56.16	101.34	45.18	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5785 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\35		
Memo:	Sample Number: S24111520-010		

Test Graph



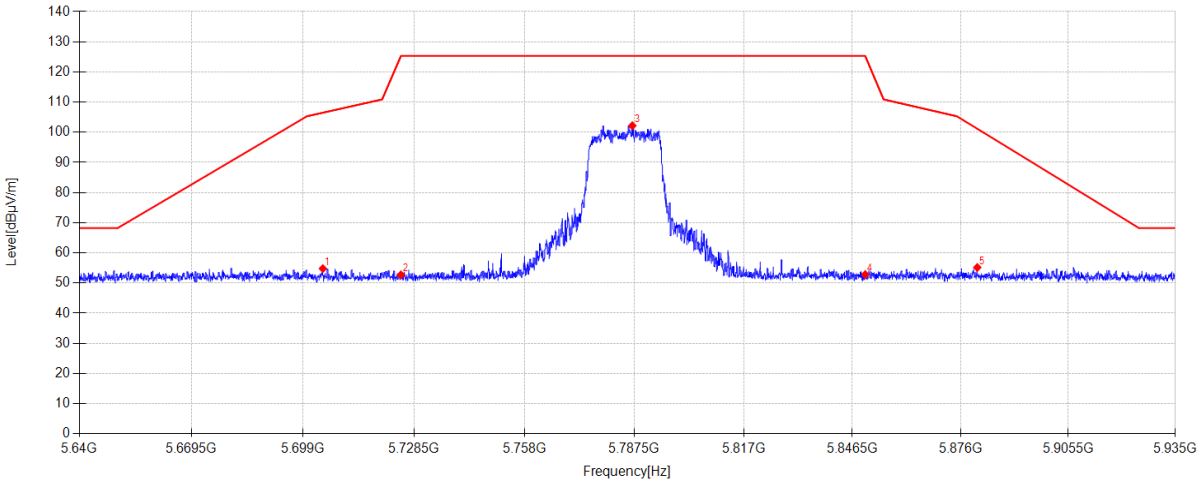
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5721.774	48.06	33.73	5.66	-29.60	57.85	116.01	58.16	PK	Horizontal
2	5725.000	42.80	33.75	5.66	-29.60	52.61	125.30	72.69	PK	Horizontal
3	5778.267	97.58	34.07	5.69	-29.60	107.74	125.30	17.56	PK	Horizontal
4	5850.000	42.48	34.00	5.74	-29.60	52.62	125.30	72.68	PK	Horizontal
5	5861.486	46.25	34.02	5.75	-29.60	56.42	109.08	52.66	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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5785 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\36		
Memo:	Sample Number: S24111520-010		

Test Graph



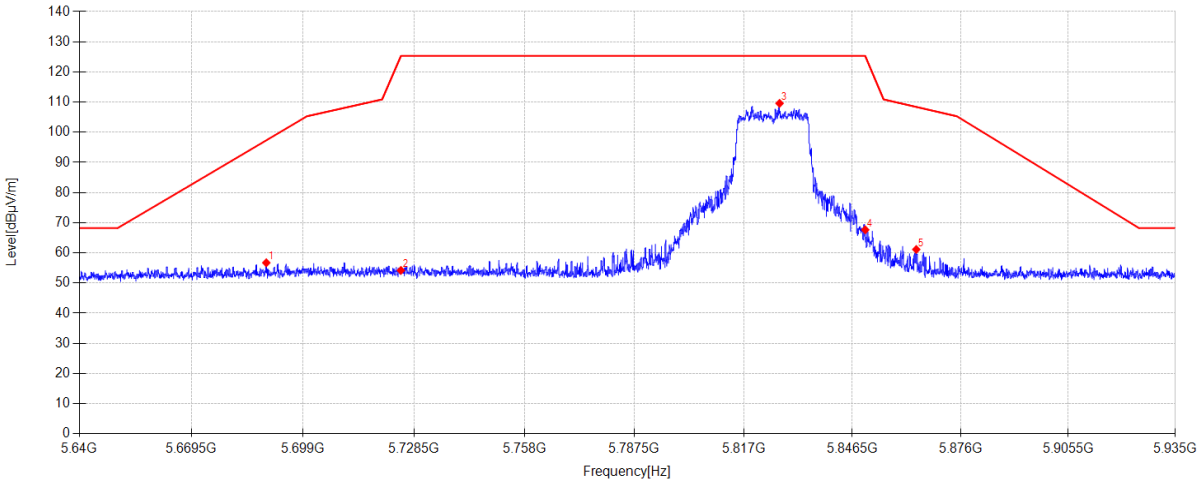
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5704.251	45.12	33.63	5.64	-29.60	54.79	106.49	51.70	PK	Vertical
2	5725.000	42.90	33.75	5.66	-29.60	52.71	125.30	72.59	PK	Vertical
3	5786.969	91.96	34.12	5.70	-29.60	102.18	125.30	23.12	PK	Vertical
4	5850.000	42.69	34.00	5.74	-29.60	52.83	125.30	72.47	PK	Vertical
5	5880.573	44.94	34.06	5.76	-29.60	55.16	101.17	46.01	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:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5825 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\37		
Memo:	Sample Number: S24111520-010		

Test Graph



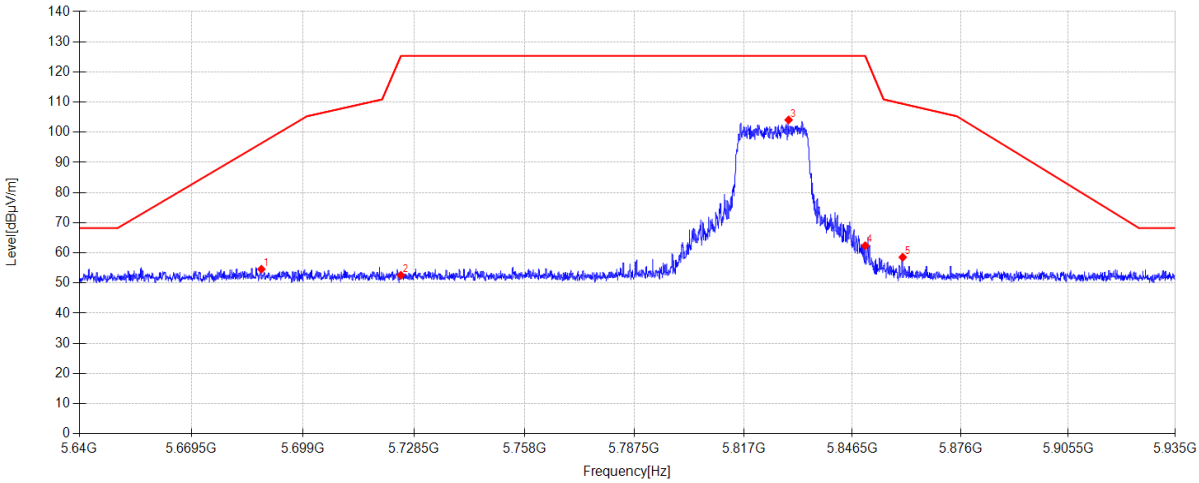
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5689.265	47.14	33.56	5.63	-29.60	56.73	97.33	40.60	PK	Horizontal
2	5725.000	44.38	33.75	5.66	-29.60	54.19	125.30	71.11	PK	Horizontal
3	5826.735	99.36	34.09	5.73	-29.60	109.58	125.30	15.72	PK	Horizontal
4	5850.000	57.51	34.00	5.74	-29.60	67.65	125.30	57.65	PK	Horizontal
5	5863.905	50.97	34.03	5.75	-29.60	61.15	108.41	47.26	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-17	**Tested By**:	Lin Guoyuan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 1300MK2 SURROUND
Test Mode:	11AX20 5825 MHz TX	**Power Supply**:	Battery
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 1300 Right Surround\0113 5G SRD\38		
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	5687.967	45.01	33.55	5.63	-29.60	54.59	96.37	41.78	PK	Vertical
2	5725.000	42.77	33.75	5.66	-29.60	52.58	125.30	72.72	PK	Vertical
3	5829.184	93.88	34.08	5.73	-29.60	104.09	125.30	21.21	PK	Vertical
4	5850.000	52.23	34.00	5.74	-29.60	62.37	125.30	62.93	PK	Vertical
5	5860.218	48.38	34.02	5.75	-29.60	58.55	109.44	50.89	PK	Vertical

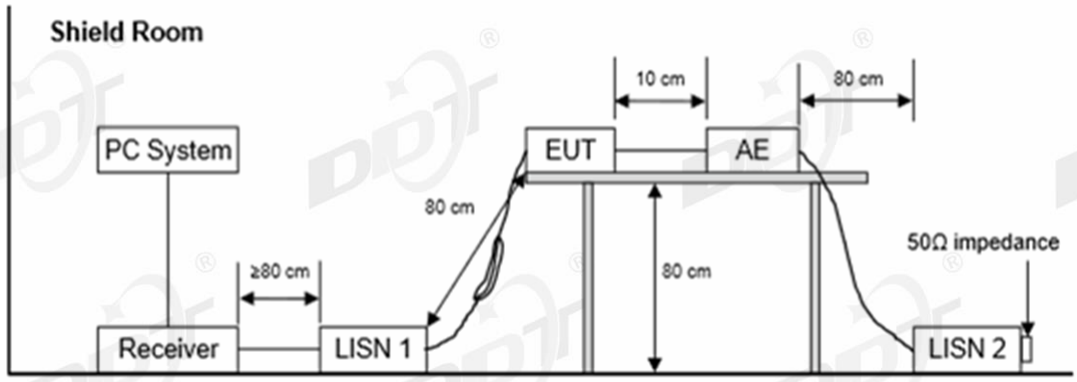
Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15.Power Line Conducted Emissions

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Condected Radiated Software	Audix	E3	DDT-ZC00562	/
EMI Test Receiver	R&S	ESCI	DDT-ZC01972	2025/03/31
Copper shaft signal cable	H&S	RG214-5	DDT-ZC01817	2025/03/31
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2025/04/22
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2025/07/08

15.2. Block diagram of test setup



15.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

15.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
Adapter	HUAWEI	HW-100400C01	Huawei fast charging 66W-1#/2# site	Input: 100-240V~ 50/60Hz, Output: 5V/2A or 9V/2A or 10V/4A MAX

15.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

15.6. Test result

PASS. (See below detailed test result)

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

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

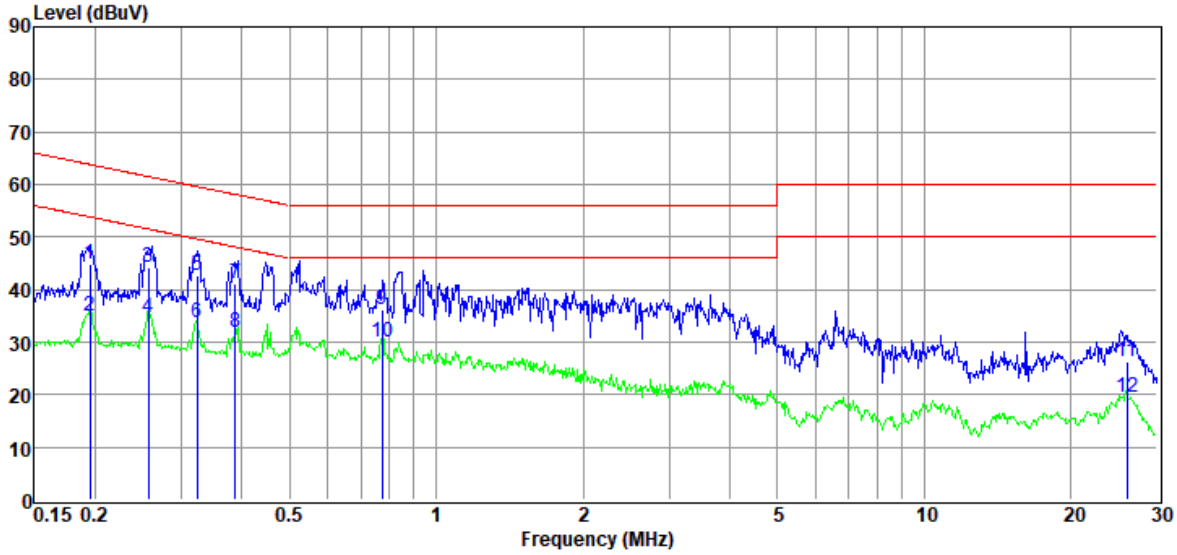
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site	:	DDT 5# Shield Room	D:\2025 report data\Q24111520-1E\0217 CE.EM6		
Test Date	:	2025-02-17	**Tested By**	:	Gen Liu
EUT	:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**	:	BAR 1300MK2 SURROUND
Power Supply	:	AC 120V/60Hz	**Test Mode**	:	Tx mode
Condition	:	Temp:21.7°C,Humi:56.8%	**LISN**	:	2023 ENV216 2#/LINE
Memo	:	Sample Number: S24111520-010			

Data: 34



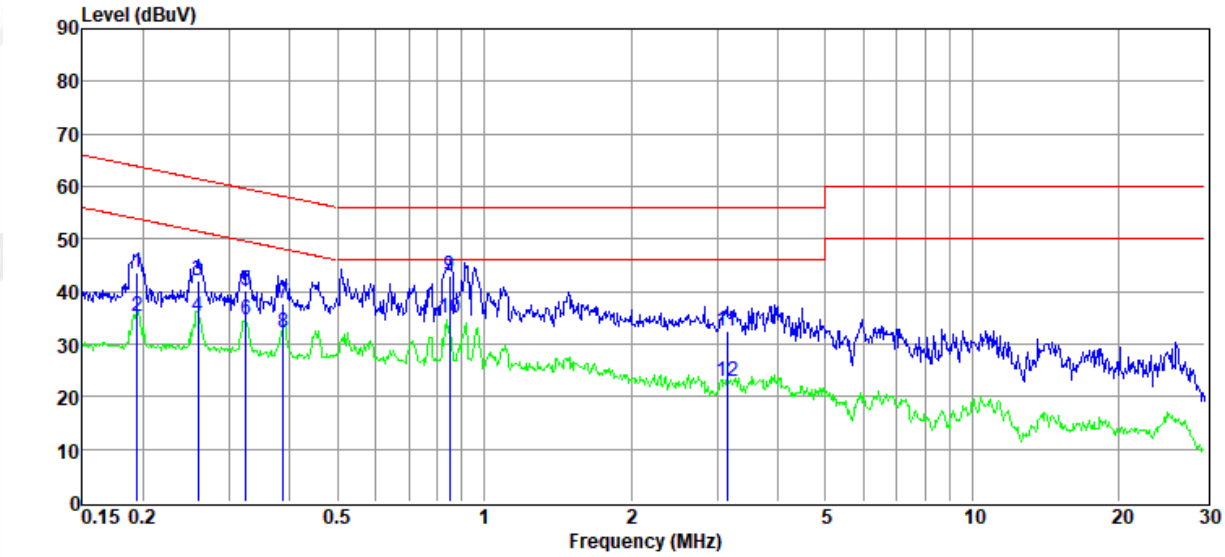
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Over Limit (dB)	Detector	Phase
1	0.20	24.70	9.93	0.09	10.06	44.78	63.80	-19.02	QP	LINE
2	0.20	15.00	9.93	0.09	10.06	35.08	53.80	-18.72	Average	LINE
3	0.26	24.07	9.99	0.09	10.06	44.21	61.51	-17.30	QP	LINE
4	0.26	14.45	9.99	0.09	10.06	34.59	51.51	-16.92	Average	LINE
5	0.32	22.77	9.88	0.09	10.07	42.81	59.62	-16.81	QP	LINE
6	0.32	13.79	9.88	0.09	10.07	33.83	49.62	-15.79	Average	LINE
7	0.39	20.91	9.98	0.10	10.07	41.06	58.12	-17.06	QP	LINE
8	0.39	11.86	9.98	0.10	10.07	32.01	48.12	-16.11	Average	LINE
9	0.78	16.05	9.97	0.10	10.06	36.18	56.00	-19.82	QP	LINE
10	0.78	9.84	9.97	0.10	10.06	29.97	46.00	-16.03	Average	LINE
11	26.00	5.71	9.98	0.40	10.08	26.17	60.00	-33.83	QP	LINE
12	26.00	-1.09	9.98	0.40	10.08	19.37	50.00	-30.63	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.

TR-4-E-010 Conducted Emission Test Result

Test Site	:	DDT 5# Shield Room	D:\2025 report data\Q24111520-1E\0217 CE.EM6		
Test Date	:	2025-02-17	**Tested By**	:	Gen Liu
EUT	:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**	:	BAR 1300MK2 SURROUND
Power Supply	:	AC 120V/60Hz	**Test Mode**	:	Tx mode
Condition	:	Temp:21.7°C,Humi:56.8%	**LISN**	:	2023 ENV216 2#/NEUTRAL
Memo	:	Sample Number: S24111520-010			

Data: 36



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Over Limit (dB)	Detector	Phase
1	0.19	23.46	9.93	0.09	10.06	43.54	63.84	-20.30	QP	NEUTRAL
2	0.19	15.21	9.93	0.09	10.06	35.29	53.84	-18.55	Average	NEUTRAL
3	0.26	21.88	9.94	0.09	10.06	41.97	61.47	-19.50	QP	NEUTRAL
4	0.26	15.08	9.94	0.09	10.06	35.17	51.47	-16.30	Average	NEUTRAL
5	0.33	20.06	10.04	0.09	10.07	40.26	59.57	-19.31	QP	NEUTRAL
6	0.33	14.58	10.04	0.09	10.07	34.78	49.57	-14.79	Average	NEUTRAL
7	0.39	17.68	10.03	0.10	10.07	37.88	58.12	-20.24	QP	NEUTRAL
8	0.39	12.00	10.03	0.10	10.07	32.20	48.12	-15.92	Average	NEUTRAL
9	0.85	22.78	9.99	0.11	10.05	42.93	56.00	-13.07	QP	NEUTRAL
10	0.85	14.74	9.99	0.11	10.05	34.89	46.00	-11.11	Average	NEUTRAL
11	3.14	12.13	10.06	0.17	10.06	32.42	56.00	-23.58	QP	NEUTRAL
12	3.14	2.64	10.06	0.17	10.06	22.93	46.00	-23.07	Average	NEUTRAL

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

17. Photos of the EUT

Please refer to DDT-Q24111520-2E appendix Ⅰ

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