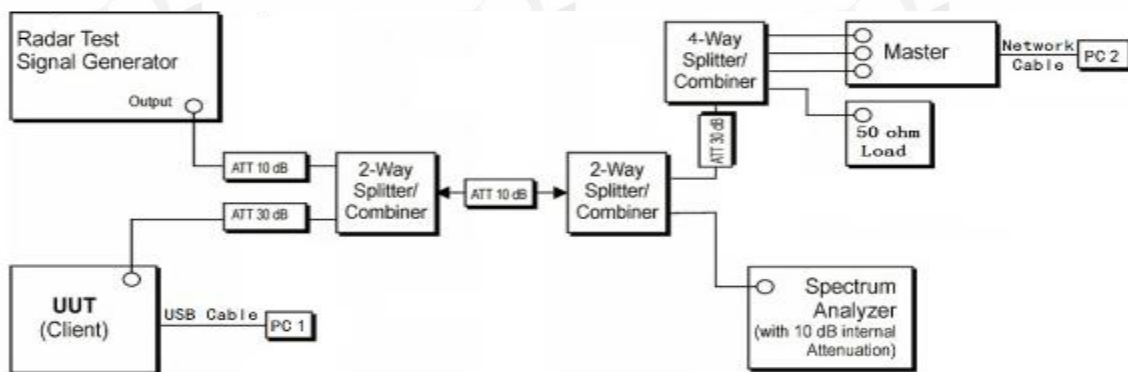


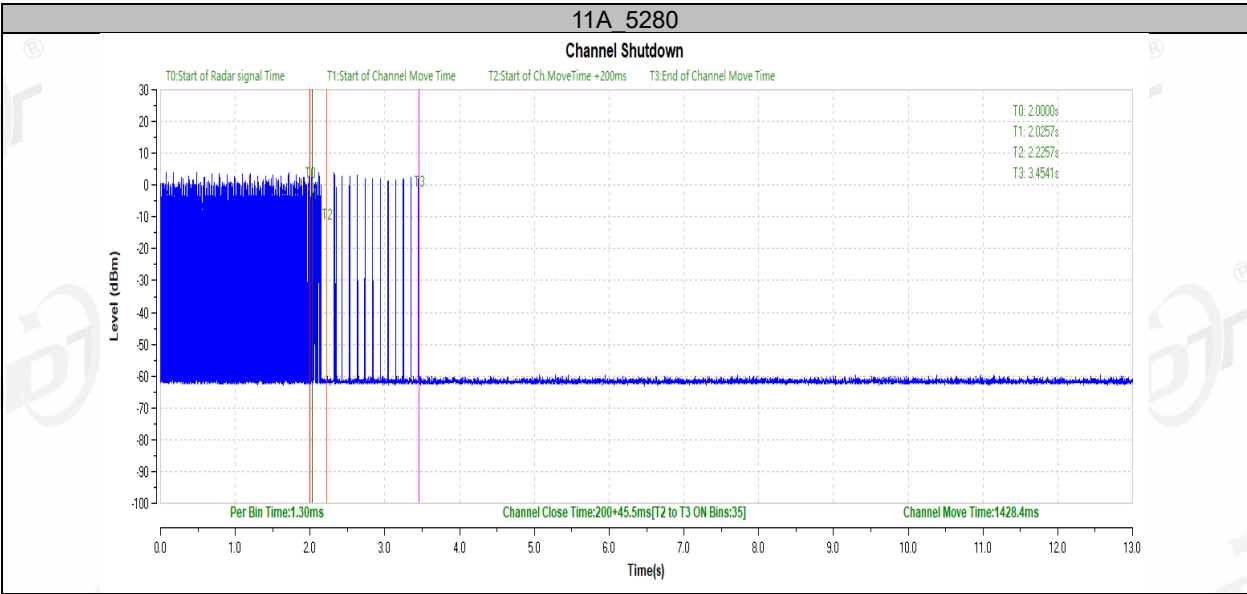


11.7. Test result

|                    |               |                |                          |
|--------------------|---------------|----------------|--------------------------|
| Test Engineer:     | Zora Zhang    | Test Site:     | RF Measurement System 1# |
| Ambient Condition: | 23.5℃,45.6%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       | 5280            | 200+45.5 | 200+60    | 1428.4  | 10000     | PASS    |

Test plots as follows:



## 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

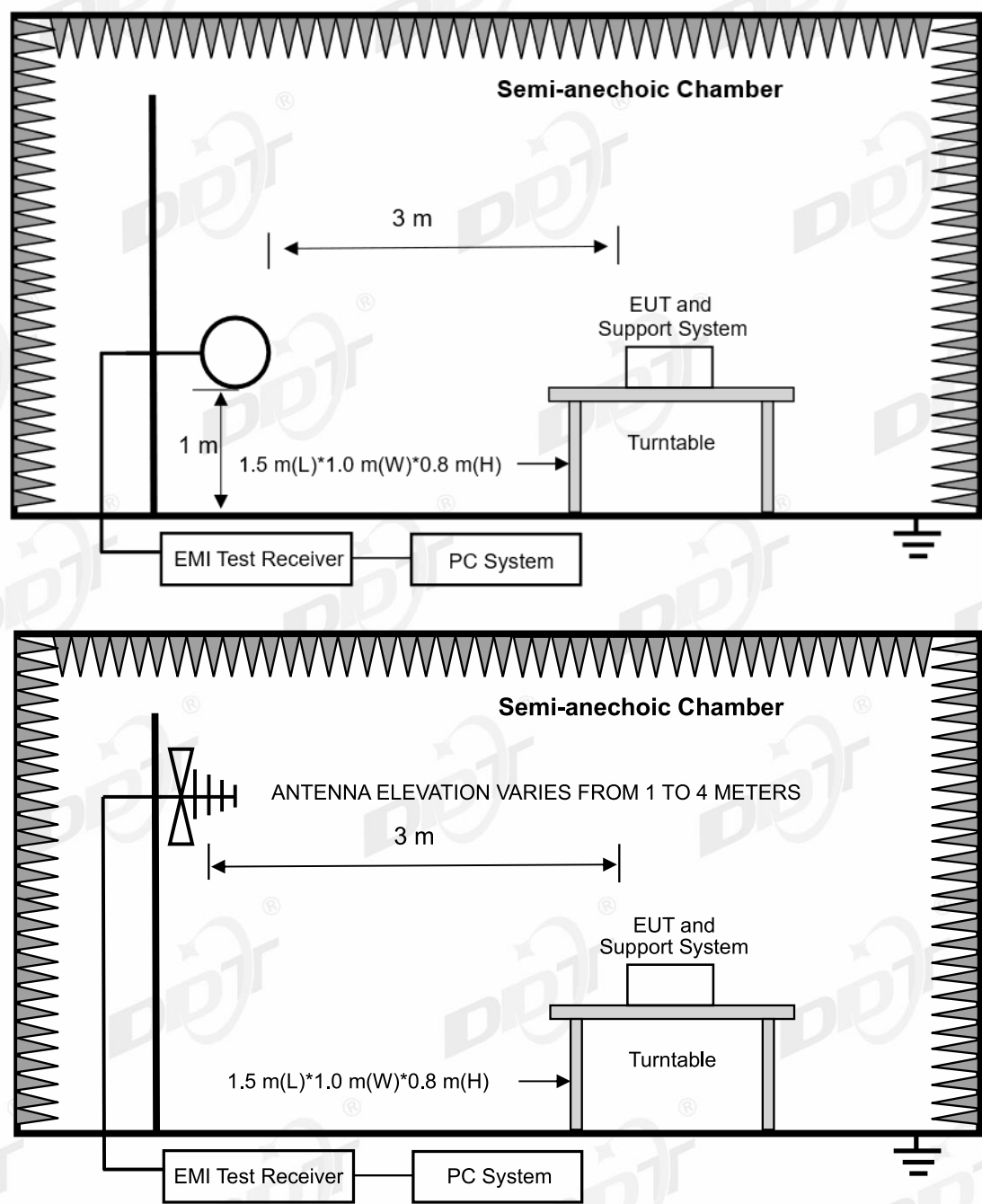
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

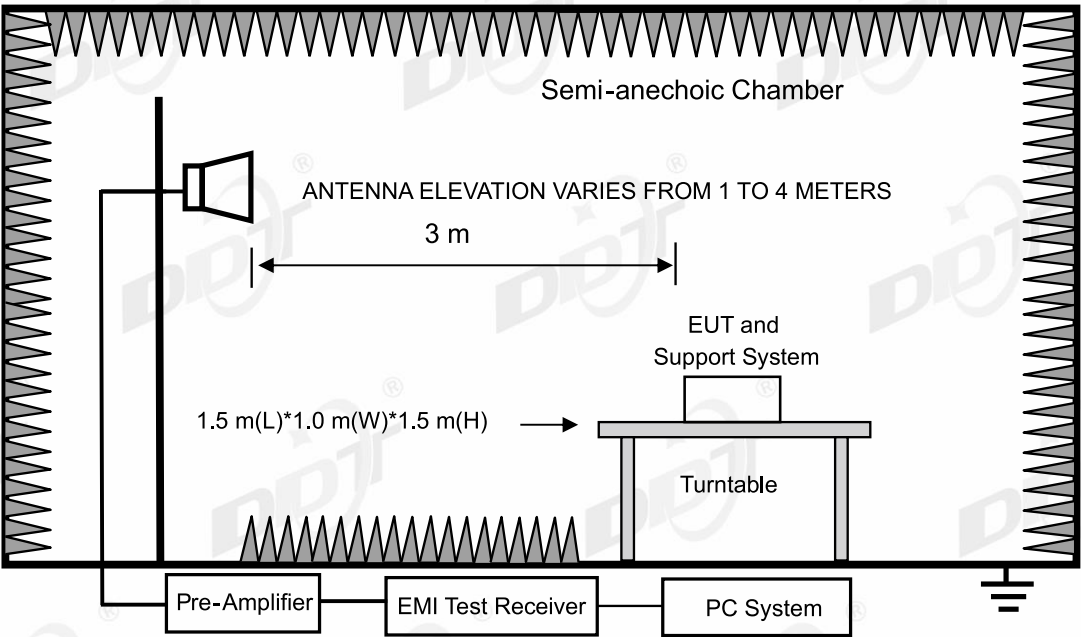
## 13.Radiated Emission

### 13.1. Test equipment

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

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         |
| <sup>1</sup> 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     | ( <sup>2</sup> ) |
| 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<br>MHz | DISTANCE<br>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)<br>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:

$$\text{Limit}_{3\text{m}}(\text{dBuV/m}) = \text{Limit}_{30\text{m}}(\text{dBuV/m}) + 40\text{Log}(30\text{m}/3\text{m})$$

(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 through 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:2024-11-26

Tested By:Guoyuan Lin

EUT:Multi-Channel Soundbar with wireless subwoofer

Model Number:BAR 1300MK2 SURROUND

Test Mode:Tx mode

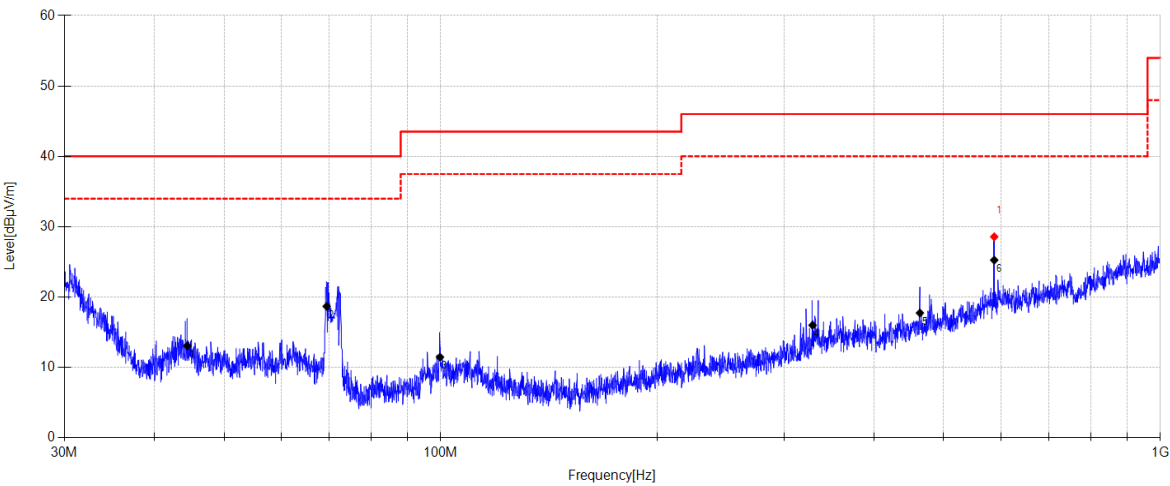
Power Supply:Battery

Condition:Temp:23.5°C;Humi:56.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\BAR 1300 Left Surround\FCC Below 1G\20241126-041454\_H

Memo:Sample Number: S24111520-010



| 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         | 587.73      | 35.34            | 18.41               | 6.32            | -31.50   | 28.57          | 46.00          | 17.43       | PK       | Horizontal |

| 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         | 44.458      | 27.24            | 13.09               | 3.85            | 13.08           | 40.00          | 26.92       | QP       | Horizontal |  |
| 2         | 69.443      | 35.58            | 10.19               | 4.02            | 18.69           | 40.00          | 21.31       | QP       | Horizontal |  |
| 3         | 99.784      | 26.89            | 11.45               | 4.22            | 11.46           | 43.50          | 32.04       | QP       | Horizontal |  |
| 4         | 328.651     | 28               | 14.08               | 5.33            | 16.00           | 46.00          | 30.00       | QP       | Horizontal |  |
| 5         | 463.391     | 27.46            | 15.90               | 5.86            | 17.74           | 46.00          | 28.26       | QP       | Horizontal |  |
| 6         | 587.730     | 32.02            | 18.41               | 6.32            | 25.25           | 46.00          | 20.75       | 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:

2024-11-26

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:23.5°C;Humi:56.5%

Test Site:

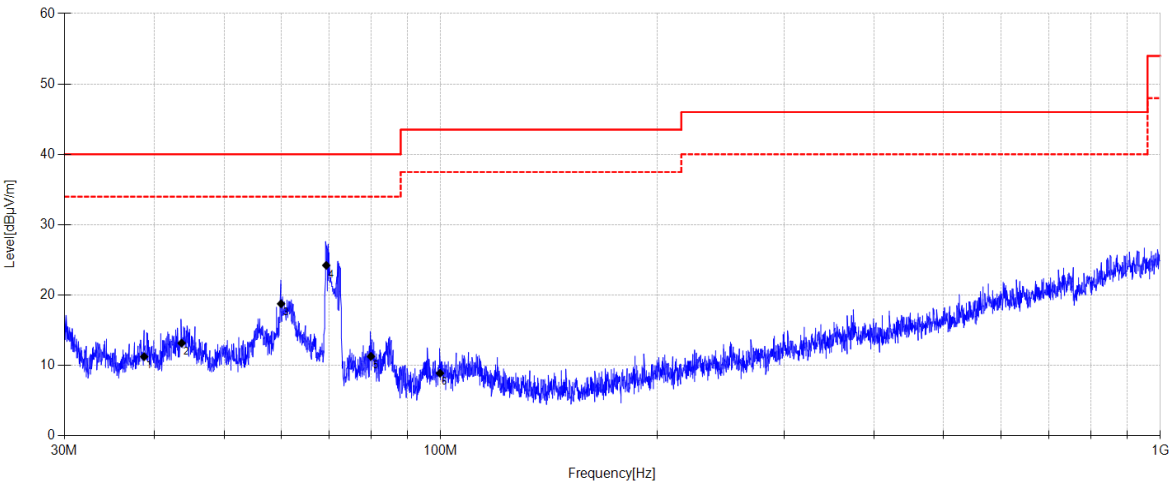
DDT 3# Chamber

File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Below 1G\20241126-041513\_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         | 38.723      | 27.06            | 11.47               | 3.81            | 11.24           | 40.00          | 28.76       | QP       | Vertical |
| 2         | 43.655      | 27.5             | 12.93               | 3.84            | 13.17           | 40.00          | 26.83       | QP       | Vertical |
| 3         | 60.019      | 33.11            | 12.79               | 3.96            | 18.76           | 40.00          | 21.24       | QP       | Vertical |
| 4         | 69.345      | 41.04            | 10.26               | 4.02            | 24.22           | 40.00          | 15.78       | QP       | Vertical |
| 5         | 80.009      | 29.59            | 8.70                | 4.09            | 11.28           | 40.00          | 28.72       | QP       | Vertical |
| 6         | 99.784      | 24.32            | 11.45               | 4.22            | 8.89            | 43.50          | 34.61       | 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

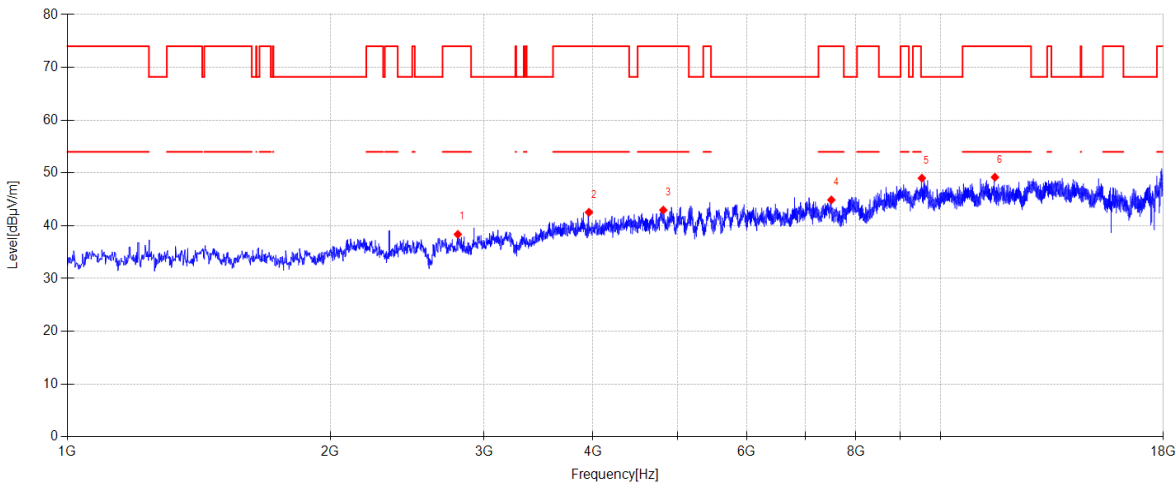
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\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         | 2800.300    | 46.35            | 27.40               | 3.80            | -39.19   | 38.36          | 74.00          | 35.64       | PK       | Horizontal |
| 2         | 3958.000    | 46.66            | 31.07               | 4.49            | -39.67   | 42.55          | 74.00          | 31.45       | PK       | Horizontal |
| 3         | 4814.800    | 44.63            | 32.88               | 5.06            | -39.61   | 42.96          | 74.00          | 31.04       | PK       | Horizontal |
| 4         | 7499.100    | 42.68            | 36.50               | 6.26            | -40.55   | 44.89          | 74.00          | 29.11       | PK       | Horizontal |
| 5         | 9522.100    | 42.55            | 38.66               | 7.03            | -39.22   | 49.02          | 68.20          | 19.18       | PK       | Horizontal |
| 6         | 11545.100   | 41.92            | 39.11               | 7.71            | -39.55   | 49.19          | 74.00          | 24.81       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-02

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

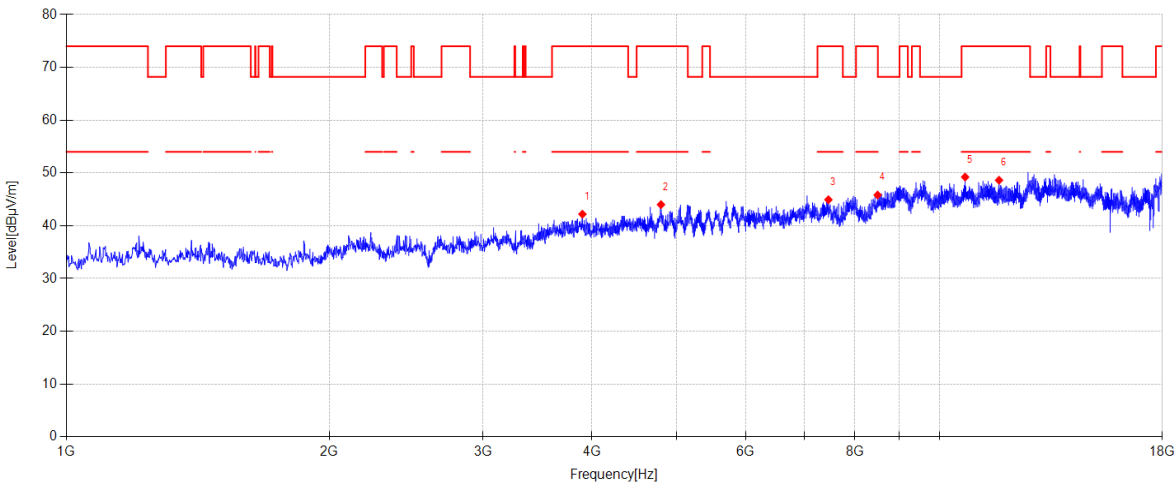
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI4

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         | 3900.200    | 46.19            | 31.20               | 4.46            | -39.66   | 42.19          | 74.00          | 31.81       | PK       | Vertical |
| 2         | 4797.800    | 46.08            | 32.49               | 5.05            | -39.62   | 44.00          | 74.00          | 30.00       | PK       | Vertical |
| 3         | 7461.700    | 42.70            | 36.58               | 6.23            | -40.58   | 44.93          | 74.00          | 29.07       | PK       | Vertical |
| 4         | 8495.300    | 40.80            | 37.68               | 6.80            | -39.46   | 45.82          | 74.00          | 28.18       | PK       | Vertical |
| 5         | 10700.200   | 41.72            | 39.40               | 7.28            | -39.18   | 49.22          | 74.00          | 24.78       | PK       | Vertical |
| 6         | 11701.500   | 41.51            | 39.00               | 7.81            | -39.70   | 48.62          | 74.00          | 25.38       | PK       | Vertical |

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-02-17

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

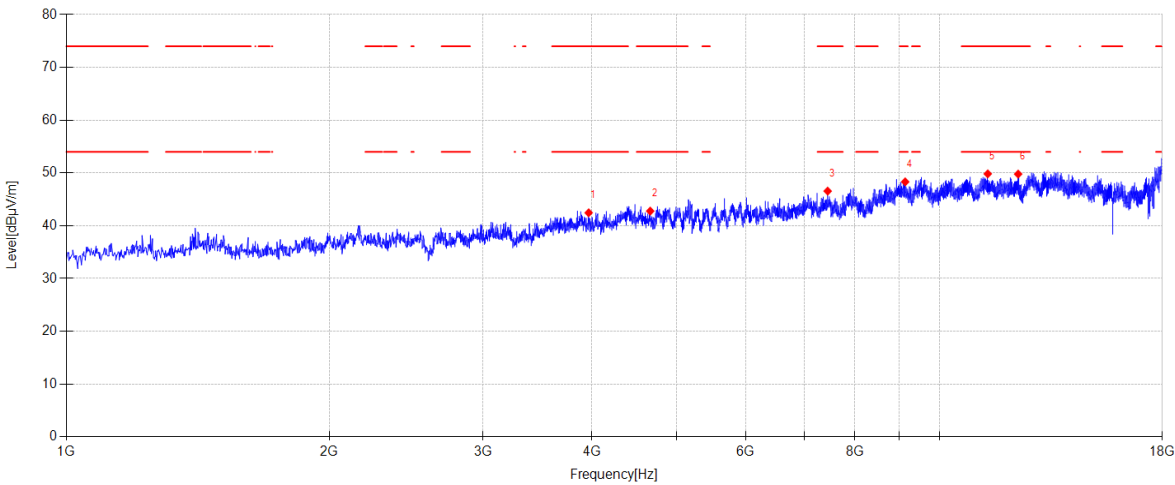
File Path:

d:\ts\2024 report data\BAR 1300 Left 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    | 46.02            | 31.04               | 5.06            | -39.67   | 42.45          | 74.00          | 31.55       | PK       | Horizontal |
| 2         | 4663.500    | 44.90            | 32.05               | 5.45            | -39.63   | 42.77          | 74.00          | 31.23       | PK       | Horizontal |
| 3         | 7446.400    | 43.87            | 36.61               | 6.68            | -40.60   | 46.56          | 74.00          | 27.44       | PK       | Horizontal |
| 4         | 9136.200    | 41.39            | 38.50               | 7.34            | -38.91   | 48.32          | 74.00          | 25.68       | PK       | Horizontal |
| 5         | 11358.100   | 41.57            | 39.26               | 8.36            | -39.36   | 49.83          | 74.00          | 24.17       | PK       | Horizontal |
| 6         | 12306.700   | 41.51            | 39.30               | 8.92            | -39.94   | 49.79          | 74.00          | 24.21       | 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:

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

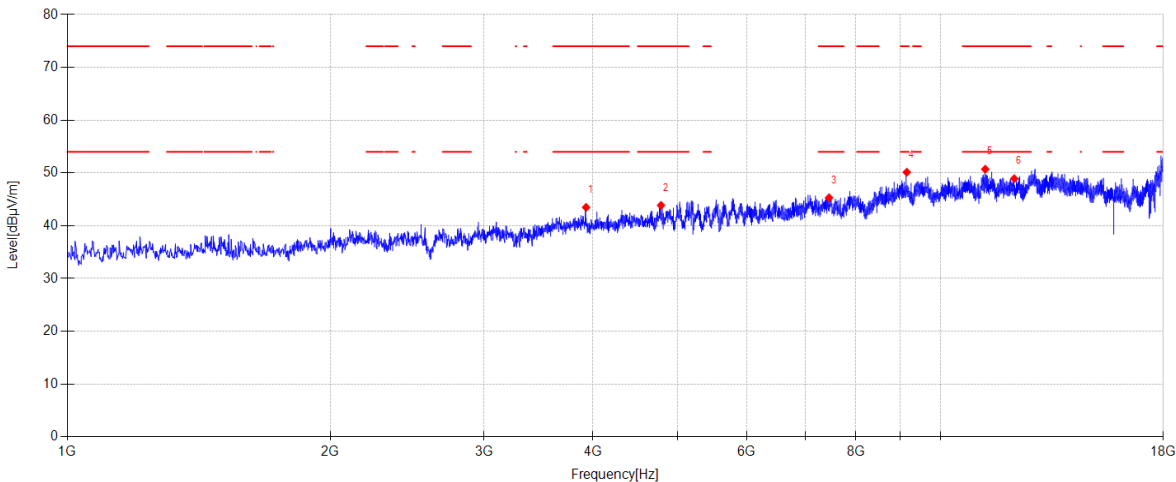
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 3927.400    | 46.93            | 31.15               | 5.06            | -39.66   | 43.48          | 74.00          | 30.52       | PK       | Vertical |
| 2         | 4785.900    | 45.52            | 32.44               | 5.52            | -39.62   | 43.86          | 74.00          | 30.14       | PK       | Vertical |
| 3         | 7454.900    | 42.62            | 36.59               | 6.68            | -40.59   | 45.30          | 74.00          | 28.70       | PK       | Vertical |
| 4         | 9151.500    | 43.21            | 38.50               | 7.35            | -38.92   | 50.14          | 74.00          | 23.86       | PK       | Vertical |
| 5         | 11252.700   | 42.47            | 39.20               | 8.29            | -39.25   | 50.71          | 74.00          | 23.29       | PK       | Vertical |
| 6         | 12148.600   | 40.75            | 39.30               | 8.84            | -39.97   | 48.92          | 74.00          | 25.08       | 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

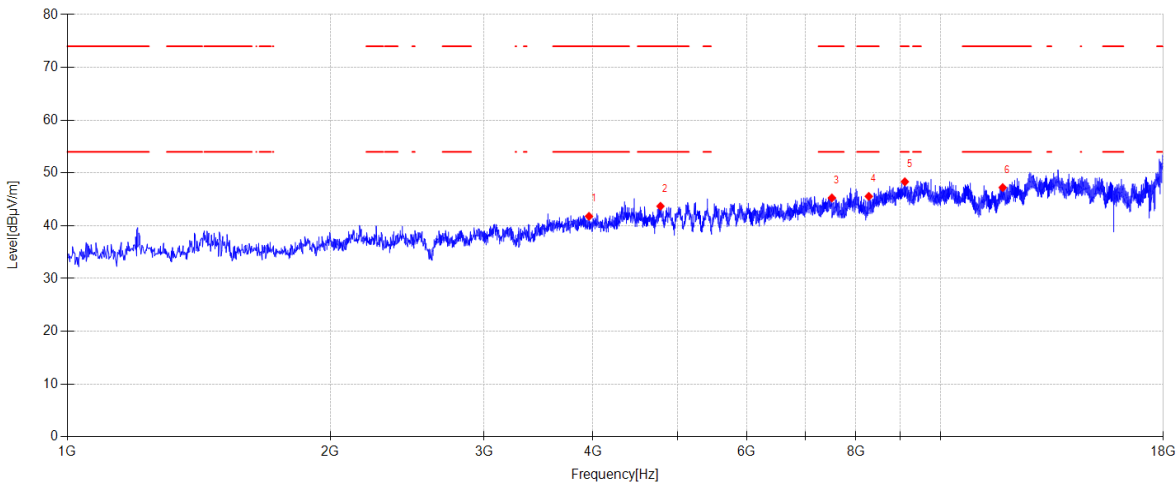
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 3958.000    | 45.32            | 31.07               | 5.06            | -39.67   | 41.78          | 74.00          | 32.22       | PK       | Horizontal |
| 2         | 4779.100    | 45.38            | 32.42               | 5.52            | -39.62   | 43.70          | 74.00          | 30.30       | PK       | Horizontal |
| 3         | 7509.300    | 42.62            | 36.48               | 6.71            | -40.54   | 45.27          | 74.00          | 28.73       | PK       | Horizontal |
| 4         | 8277.700    | 40.98            | 37.26               | 7.06            | -39.74   | 45.56          | 74.00          | 28.44       | PK       | Horizontal |
| 5         | 9103.900    | 41.39            | 38.50               | 7.33            | -38.88   | 48.34          | 74.00          | 25.66       | PK       | Horizontal |
| 6         | 11784.800   | 39.47            | 38.92               | 8.62            | -39.78   | 47.23          | 74.00          | 26.77       | 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

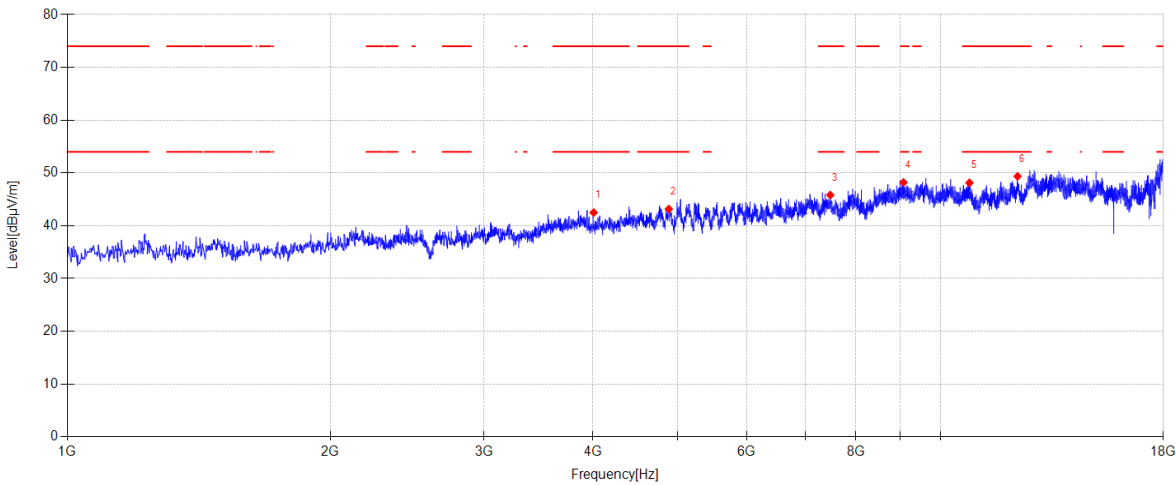
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 4007.300    | 46.22            | 30.91               | 5.05            | -39.68   | 42.50          | 74.00          | 31.50       | PK       | Vertical |
| 2         | 4884.500    | 43.94            | 33.25               | 5.58            | -39.61   | 43.16          | 74.00          | 30.84       | PK       | Vertical |
| 3         | 7478.700    | 43.15            | 36.54               | 6.69            | -40.57   | 45.81          | 74.00          | 28.19       | PK       | Vertical |
| 4         | 9071.600    | 41.30            | 38.44               | 7.32            | -38.86   | 48.20          | 74.00          | 25.80       | PK       | Vertical |
| 5         | 10793.700   | 39.82            | 39.40               | 8.03            | -39.12   | 48.13          | 74.00          | 25.87       | PK       | Vertical |
| 6         | 12255.700   | 41.12            | 39.30               | 8.89            | -39.95   | 49.36          | 74.00          | 24.64       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-02-17

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

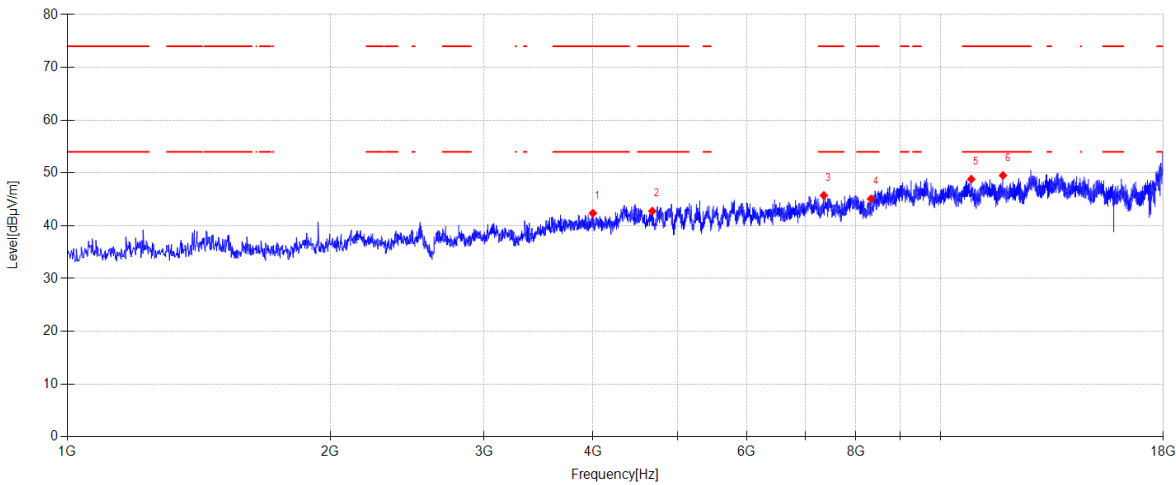
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 3998.800    | 46.10            | 30.90               | 5.05            | -39.68   | 42.37          | 74.00          | 31.63       | PK       | Horizontal |
| 2         | 4677.100    | 44.83            | 32.11               | 5.46            | -39.63   | 42.77          | 74.00          | 31.23       | PK       | Horizontal |
| 3         | 7352.900    | 43.00            | 36.79               | 6.63            | -40.68   | 45.74          | 74.00          | 28.26       | PK       | Horizontal |
| 4         | 8327.000    | 40.38            | 37.30               | 7.08            | -39.67   | 45.09          | 74.00          | 28.91       | PK       | Horizontal |
| 5         | 10846.400   | 40.51            | 39.35               | 8.05            | -39.09   | 48.82          | 74.00          | 25.18       | PK       | Horizontal |
| 6         | 11793.300   | 41.78            | 38.91               | 8.63            | -39.79   | 49.53          | 74.00          | 24.47       | 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

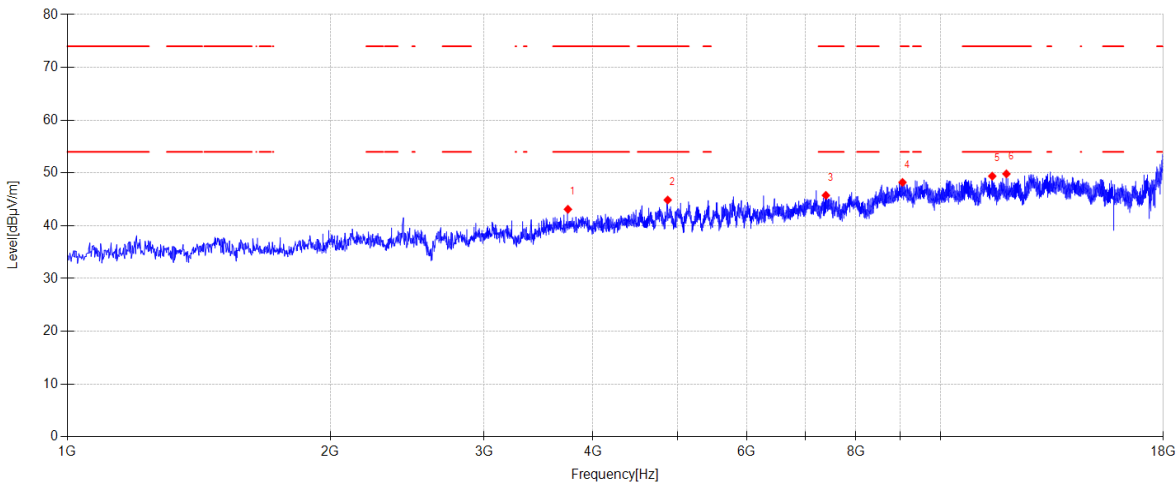
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 3743.800    | 47.15            | 30.49               | 5.09            | -39.62   | 43.11          | 74.00          | 30.89       | PK       | Vertical |
| 2         | 4870.900    | 45.44            | 33.47               | 5.57            | -39.61   | 44.87          | 74.00          | 29.13       | PK       | Vertical |
| 3         | 7392.000    | 43.03            | 36.72               | 6.65            | -40.65   | 45.75          | 74.00          | 28.25       | PK       | Vertical |
| 4         | 9047.800    | 41.33            | 38.40               | 7.32            | -38.84   | 48.21          | 74.00          | 25.79       | PK       | Vertical |
| 5         | 11463.500   | 41.19            | 39.24               | 8.42            | -39.46   | 49.39          | 74.00          | 24.61       | PK       | Vertical |
| 6         | 11900.400   | 42.13            | 38.90               | 8.70            | -39.90   | 49.83          | 74.00          | 24.17       | 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

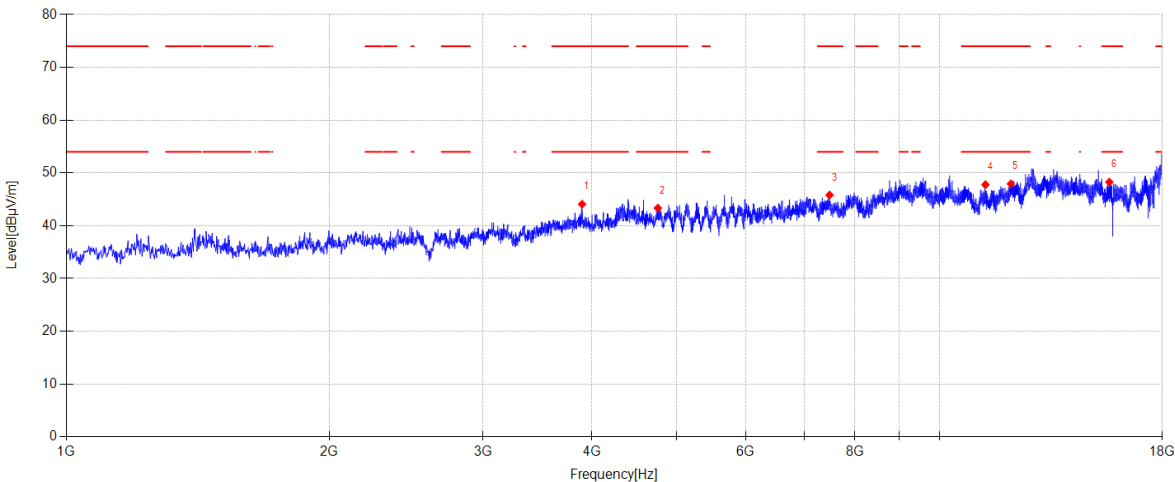
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 3896.800    | 47.49            | 31.18               | 5.07            | -39.66   | 44.08          | 74.00          | 29.92       | PK       | Horizontal |
| 2         | 4758.700    | 45.12            | 32.33               | 5.51            | -39.62   | 43.34          | 74.00          | 30.66       | PK       | Horizontal |
| 3         | 7483.800    | 43.14            | 36.53               | 6.70            | -40.56   | 45.81          | 74.00          | 28.19       | PK       | Horizontal |
| 4         | 11288.400   | 39.56            | 39.20               | 8.31            | -39.29   | 47.78          | 74.00          | 26.22       | PK       | Horizontal |
| 5         | 12072.100   | 39.85            | 39.27               | 8.80            | -39.99   | 47.93          | 74.00          | 26.07       | PK       | Horizontal |
| 6         | 15650.600   | 39.20            | 38.55               | 9.92            | -39.40   | 48.27          | 74.00          | 25.73       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-02-17

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

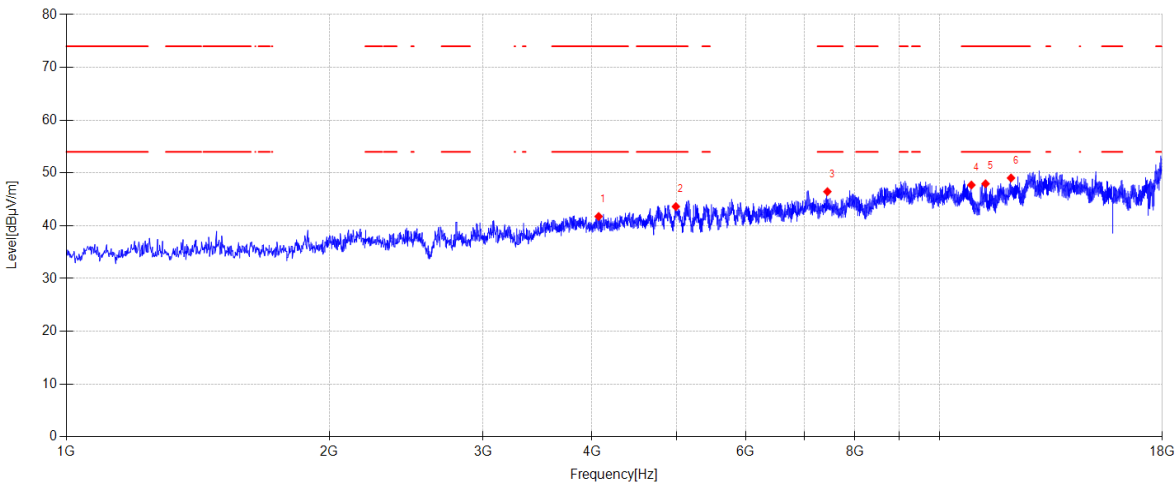
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 4070.200    | 45.29            | 31.04               | 5.09            | -39.67   | 41.75          | 74.00          | 32.25       | PK       | Vertical |
| 2         | 4989.900    | 44.41            | 33.18               | 5.64            | -39.60   | 43.63          | 74.00          | 30.37       | PK       | Vertical |
| 3         | 7441.300    | 43.77            | 36.62               | 6.67            | -40.60   | 46.46          | 74.00          | 27.54       | PK       | Vertical |
| 4         | 10878.700   | 39.39            | 39.32               | 8.07            | -39.07   | 47.71          | 74.00          | 26.29       | PK       | Vertical |
| 5         | 11291.800   | 39.73            | 39.20               | 8.31            | -39.29   | 47.95          | 74.00          | 26.05       | PK       | Vertical |
| 6         | 12077.200   | 40.94            | 39.28               | 8.80            | -39.98   | 49.04          | 74.00          | 24.96       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

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

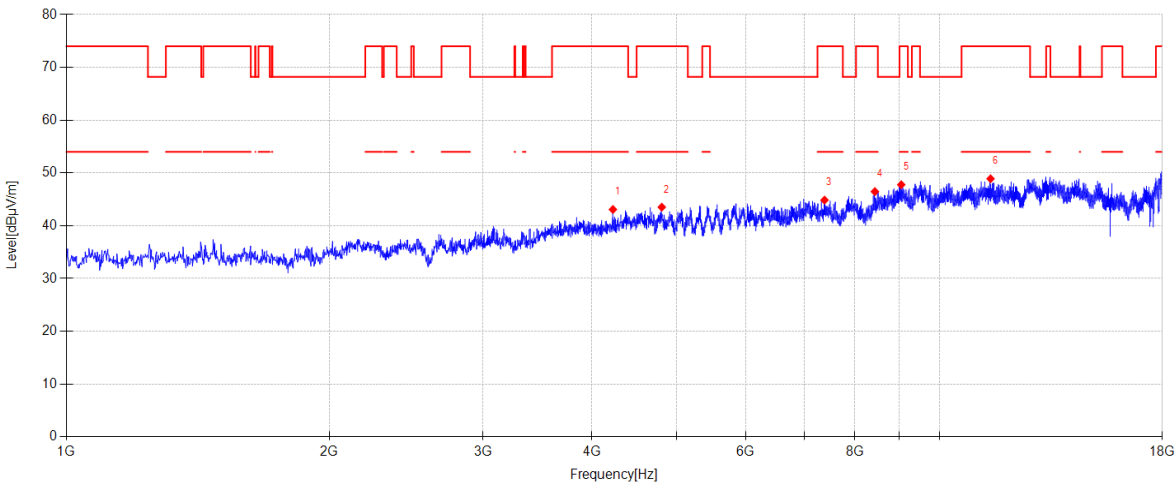
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\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         | 4226.600    | 46.76            | 31.31               | 4.67            | -39.66   | 43.08          | 74.00          | 30.92       | PK       | Horizontal |
| 2         | 4808.000    | 45.38            | 32.71               | 5.05            | -39.62   | 43.52          | 74.00          | 30.48       | PK       | Horizontal |
| 3         | 7385.200    | 42.60            | 36.73               | 6.18            | -40.65   | 44.86          | 74.00          | 29.14       | PK       | Horizontal |
| 4         | 8434.100    | 41.74            | 37.50               | 6.77            | -39.54   | 46.47          | 74.00          | 27.53       | PK       | Horizontal |
| 5         | 9041.000    | 41.22            | 38.38               | 7.00            | -38.83   | 47.77          | 74.00          | 26.23       | PK       | Horizontal |
| 6         | 11443.100   | 41.43            | 39.26               | 7.65            | -39.44   | 48.90          | 74.00          | 25.10       | PK       | Horizontal |

Note:

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

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

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



TR-4-E-009 Radiated Emission Test Result

Test Date:

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

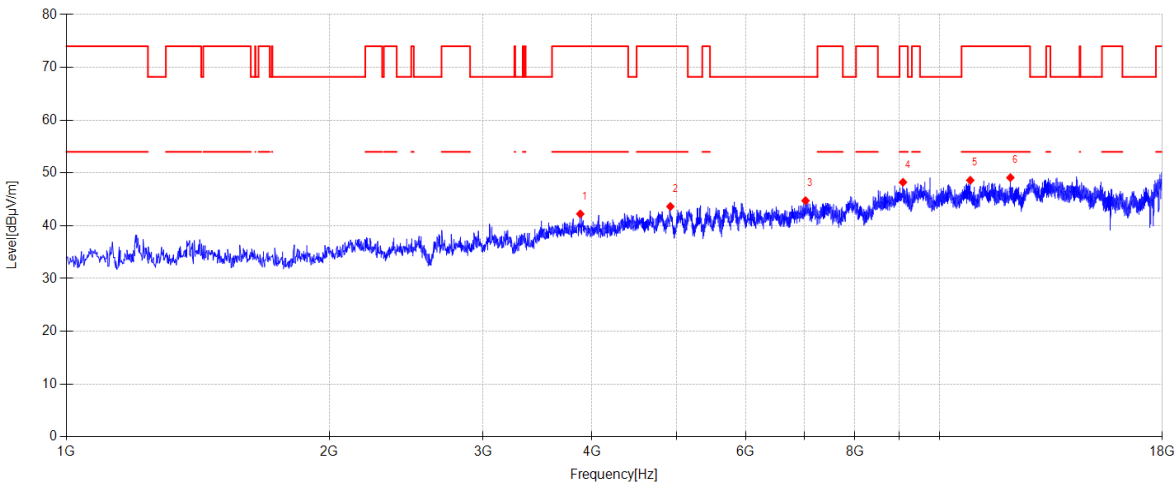
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\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         | 3878.100    | 46.36            | 31.07               | 4.45            | -39.65   | 42.23          | 74.00          | 31.77       | PK       | Vertical |
| 2         | 4918.500    | 45.08            | 33.04               | 5.13            | -39.61   | 43.64          | 74.00          | 30.36       | PK       | Vertical |
| 3         | 7024.800    | 43.58            | 36.20               | 5.94            | -40.98   | 44.74          | 68.20          | 23.46       | PK       | Vertical |
| 4         | 9083.500    | 41.63            | 38.47               | 7.01            | -38.87   | 48.24          | 74.00          | 25.76       | PK       | Vertical |
| 5         | 10846.400   | 41.02            | 39.35               | 7.33            | -39.09   | 48.61          | 74.00          | 25.39       | PK       | Vertical |
| 6         | 12056.800   | 41.83            | 39.26               | 8.01            | -39.99   | 49.11          | 74.00          | 24.89       | PK       | Vertical |

Note:

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



TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-02

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

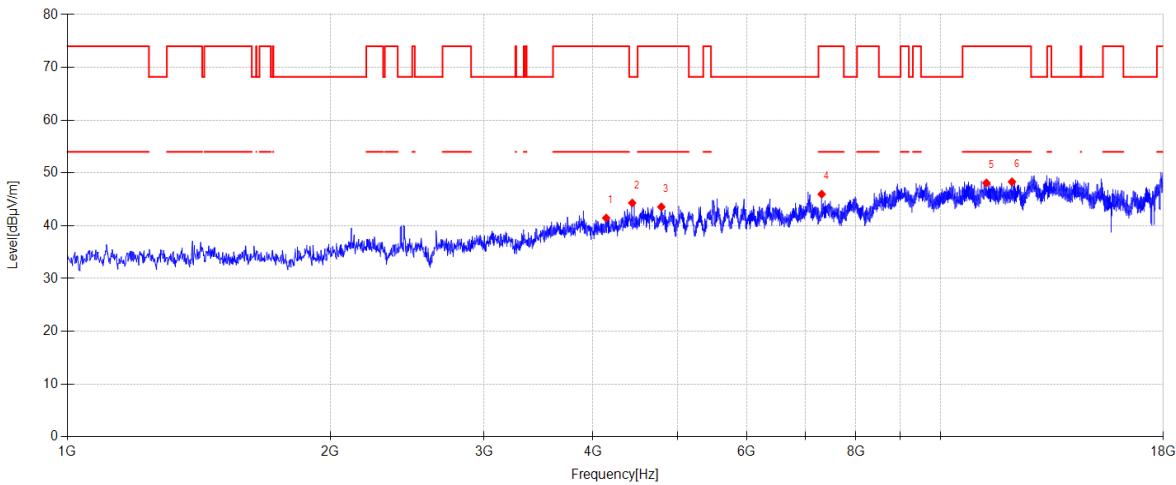
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\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         | 4141.600    | 45.34            | 31.18               | 4.61            | -39.67   | 41.46          | 74.00          | 32.54       | PK       | Horizontal |
| 2         | 4435.700    | 47.46            | 31.70               | 4.81            | -39.65   | 44.32          | 68.20          | 23.88       | PK       | Horizontal |
| 3         | 4789.300    | 45.68            | 32.46               | 5.04            | -39.62   | 43.56          | 74.00          | 30.44       | PK       | Horizontal |
| 4         | 7310.400    | 43.69            | 36.88               | 6.13            | -40.72   | 45.98          | 74.00          | 28.02       | PK       | Horizontal |
| 5         | 11290.100   | 40.64            | 39.20               | 7.56            | -39.29   | 48.11          | 74.00          | 25.89       | PK       | Horizontal |
| 6         | 12075.500   | 41.00            | 39.28               | 8.02            | -39.98   | 48.32          | 74.00          | 25.68       | PK       | Horizontal |

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

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

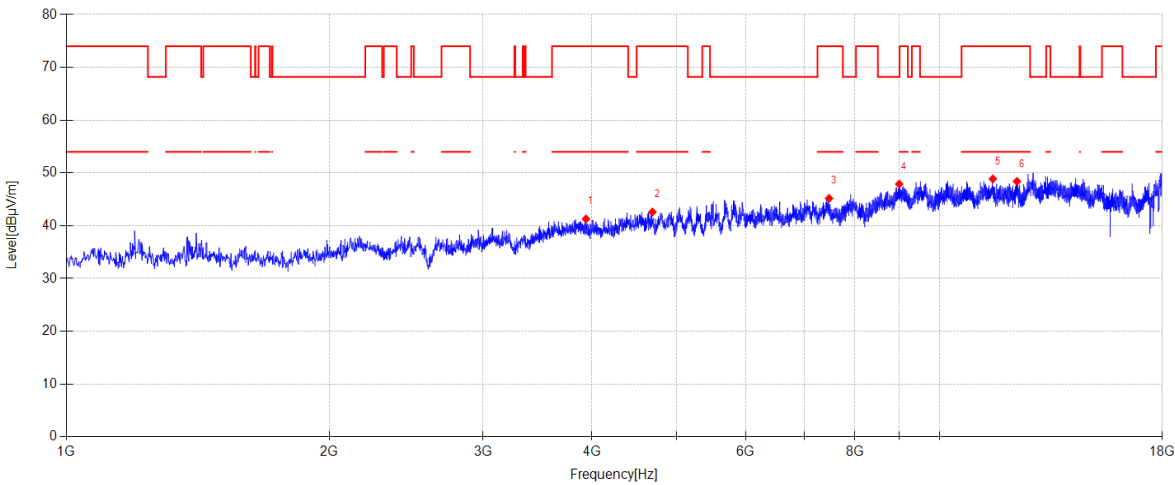
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWiFi\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         | 3937.600    | 45.36            | 31.12               | 4.48            | -39.67   | 41.29          | 74.00          | 32.71       | PK       | Vertical |
| 2         | 4690.700    | 45.08            | 32.16               | 4.98            | -39.62   | 42.60          | 74.00          | 31.40       | PK       | Vertical |
| 3         | 7473.600    | 42.96            | 36.55               | 6.24            | -40.57   | 45.18          | 74.00          | 28.82       | PK       | Vertical |
| 4         | 8993.400    | 41.39            | 38.31               | 7.00            | -38.81   | 47.89          | 68.20          | 20.31       | PK       | Vertical |
| 5         | 11511.100   | 41.52            | 39.18               | 7.69            | -39.51   | 48.88          | 74.00          | 25.12       | PK       | Vertical |
| 6         | 12267.600   | 40.95            | 39.30               | 8.10            | -39.95   | 48.40          | 74.00          | 25.60       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-02-17

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

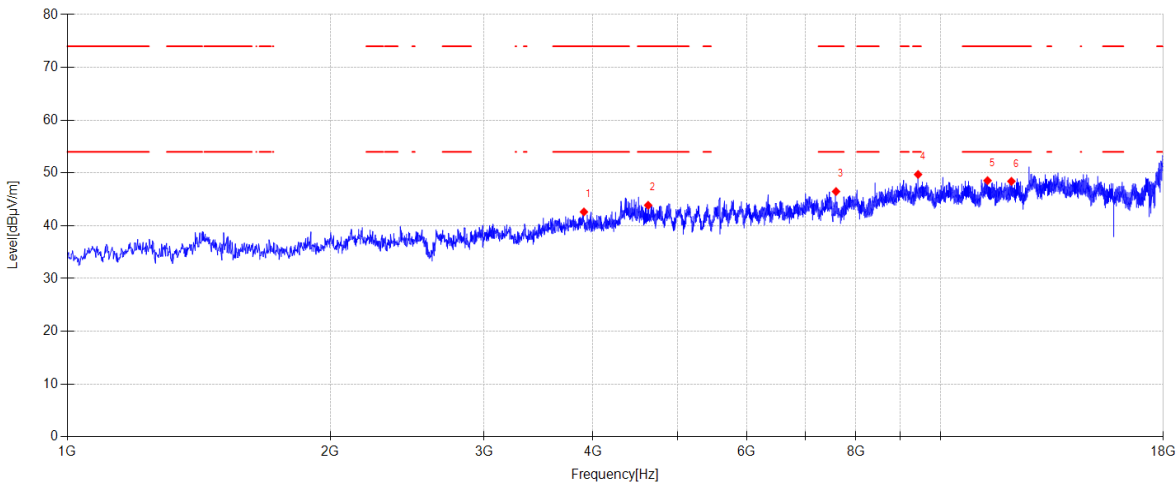
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 3905.300    | 46.02            | 31.19               | 5.07            | -39.66   | 42.62          | 74.00          | 31.38       | PK       | Horizontal |
| 2         | 4626.100    | 46.12            | 31.95               | 5.43            | -39.63   | 43.87          | 74.00          | 30.13       | PK       | Horizontal |
| 3         | 7592.600    | 43.71            | 36.49               | 6.75            | -40.47   | 46.48          | 74.00          | 27.52       | PK       | Horizontal |
| 4         | 9426.900    | 42.71            | 38.70               | 7.44            | -39.14   | 49.71          | 74.00          | 24.29       | PK       | Horizontal |
| 5         | 11322.400   | 40.32            | 39.22               | 8.33            | -39.32   | 48.55          | 74.00          | 25.45       | PK       | Horizontal |
| 6         | 12056.800   | 40.35            | 39.26               | 8.79            | -39.99   | 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:

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

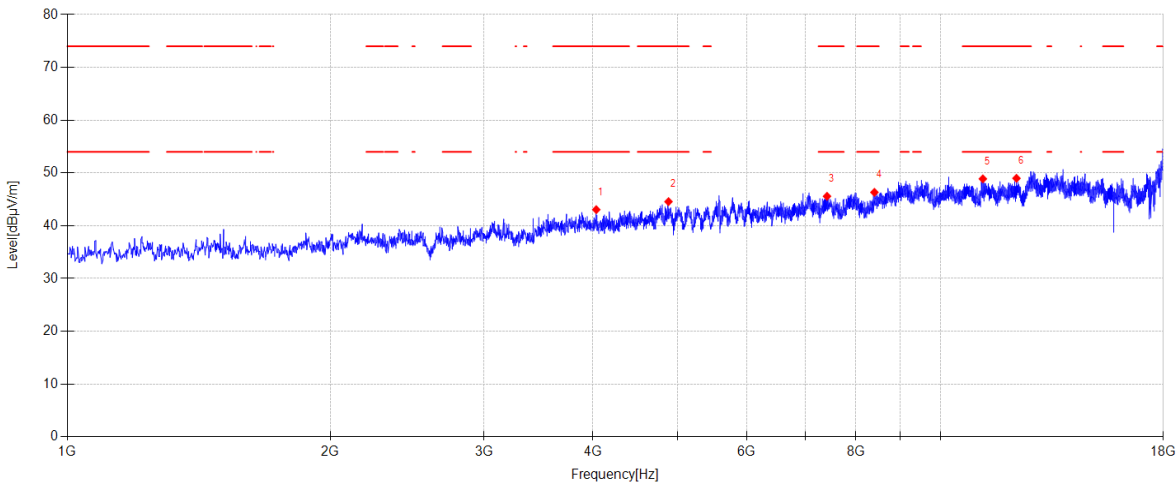
File Path:

d:\ts\2024 report data\BAR 1300 Left 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         | 4034.500    | 46.69            | 30.97               | 5.07            | -39.68   | 43.05          | 74.00          | 30.95       | PK       | Vertical |
| 2         | 4881.100    | 45.29            | 33.30               | 5.58            | -39.61   | 44.56          | 74.00          | 29.44       | PK       | Vertical |
| 3         | 7414.100    | 42.88            | 36.67               | 6.66            | -40.63   | 45.58          | 74.00          | 28.42       | PK       | Vertical |
| 4         | 8401.800    | 41.31            | 37.50               | 7.10            | -39.58   | 46.33          | 74.00          | 27.67       | PK       | Vertical |
| 5         | 11183.000   | 40.59            | 39.22               | 8.25            | -39.18   | 48.88          | 74.00          | 25.12       | PK       | Vertical |
| 6         | 12220.000   | 40.78            | 39.30               | 8.87            | -39.96   | 48.99          | 74.00          | 25.01       | 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:

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

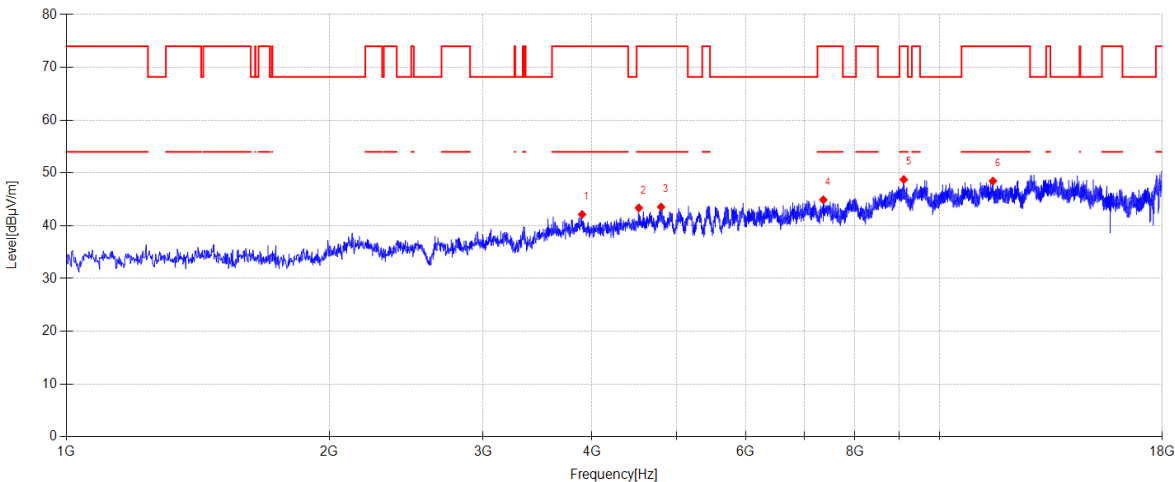
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\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         | 3896.800    | 46.16            | 31.18               | 4.46            | -39.66   | 42.14          | 74.00          | 31.86       | PK       | Horizontal |
| 2         | 4525.800    | 46.29            | 31.85               | 4.87            | -39.64   | 43.37          | 74.00          | 30.63       | PK       | Horizontal |
| 3         | 4799.500    | 45.63            | 32.50               | 5.05            | -39.62   | 43.56          | 74.00          | 30.44       | PK       | Horizontal |
| 4         | 7361.400    | 42.63            | 36.78               | 6.17            | -40.67   | 44.91          | 74.00          | 29.09       | PK       | Horizontal |
| 5         | 9100.500    | 42.13            | 38.50               | 7.01            | -38.88   | 48.76          | 74.00          | 25.24       | PK       | Horizontal |
| 6         | 11514.500   | 41.12            | 39.17               | 7.69            | -39.51   | 48.47          | 74.00          | 25.53       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

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

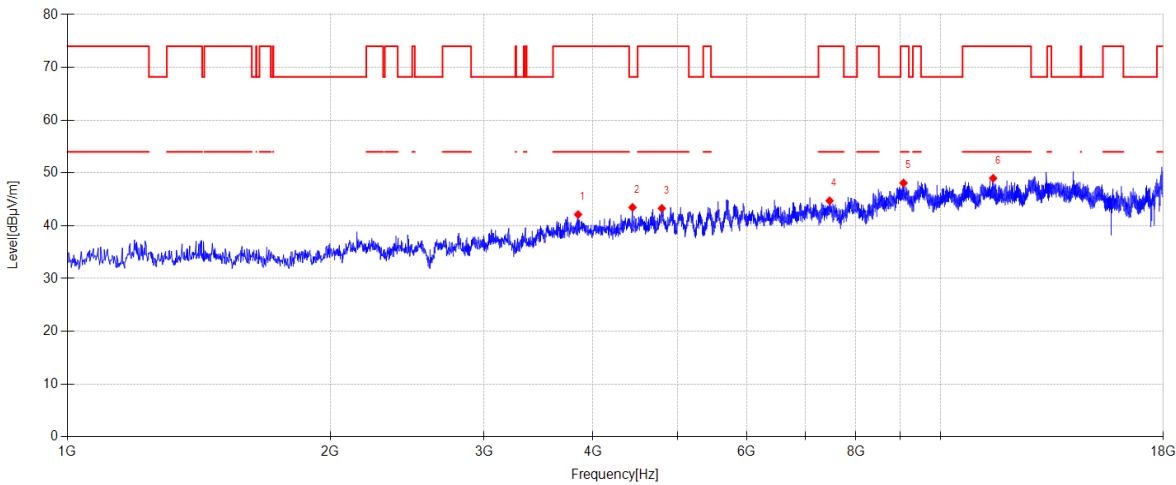
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\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         | 3845.800    | 46.45            | 30.88               | 4.43            | -39.64   | 42.12          | 74.00          | 31.88       | PK       | Vertical |
| 2         | 4439.100    | 46.60            | 31.70               | 4.81            | -39.64   | 43.47          | 68.20          | 24.73       | PK       | Vertical |
| 3         | 4796.100    | 45.38            | 32.48               | 5.05            | -39.62   | 43.29          | 74.00          | 30.71       | PK       | Vertical |
| 4         | 7465.100    | 42.50            | 36.57               | 6.24            | -40.58   | 44.73          | 74.00          | 29.27       | PK       | Vertical |
| 5         | 9071.600    | 41.51            | 38.44               | 7.00            | -38.86   | 48.09          | 74.00          | 25.91       | PK       | Vertical |
| 6         | 11490.700   | 41.59            | 39.21               | 7.68            | -39.49   | 48.99          | 74.00          | 25.01       | PK       | Vertical |

Note:

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



TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-02

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

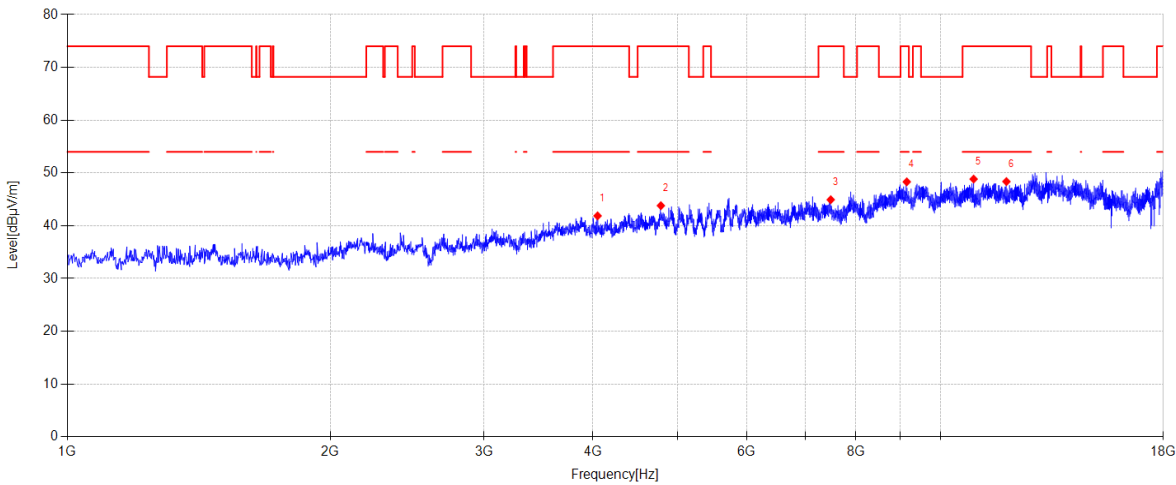
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\11

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         | 4048.100    | 46.00            | 31.00               | 4.55            | -39.68   | 41.87          | 74.00          | 32.13       | PK       | Horizontal |
| 2         | 4784.200    | 45.94            | 32.44               | 5.04            | -39.62   | 43.80          | 74.00          | 30.20       | PK       | Horizontal |
| 3         | 7487.200    | 42.71            | 36.53               | 6.25            | -40.56   | 44.93          | 74.00          | 29.07       | PK       | Horizontal |
| 4         | 9149.800    | 41.73            | 38.50               | 7.01            | -38.92   | 48.32          | 74.00          | 25.68       | PK       | Horizontal |
| 5         | 10914.400   | 41.24            | 39.30               | 7.35            | -39.05   | 48.84          | 74.00          | 25.16       | PK       | Horizontal |
| 6         | 11900.400   | 41.44            | 38.90               | 7.93            | -39.90   | 48.37          | 74.00          | 25.63       | PK       | Horizontal |

Note:

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



TR-4-E-009 Radiated Emission Test Result

Test Date:

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

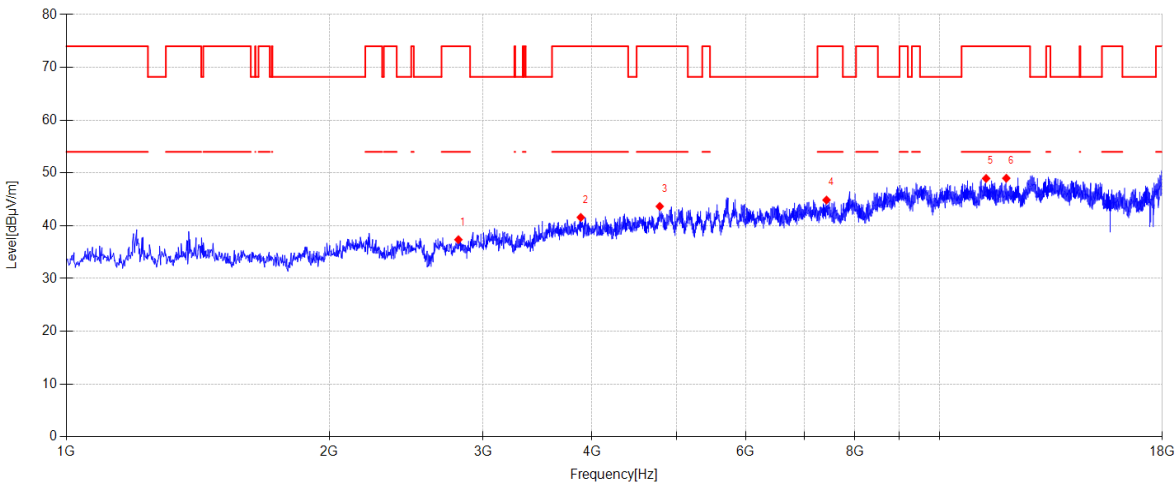
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\12

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    | 45.26            | 27.50               | 3.80            | -39.20   | 37.36          | 74.00          | 36.64       | PK       | Vertical |
| 2         | 3883.200    | 45.68            | 31.10               | 4.45            | -39.65   | 41.58          | 74.00          | 32.42       | PK       | Vertical |
| 3         | 4782.500    | 45.82            | 32.43               | 5.04            | -39.62   | 43.67          | 74.00          | 30.33       | PK       | Vertical |
| 4         | 7424.300    | 42.63            | 36.65               | 6.21            | -40.62   | 44.87          | 74.00          | 29.13       | PK       | Vertical |
| 5         | 11308.800   | 41.49            | 39.21               | 7.57            | -39.31   | 48.96          | 74.00          | 25.04       | PK       | Vertical |
| 6         | 11927.600   | 42.00            | 38.98               | 7.95            | -39.93   | 49.00          | 74.00          | 25.00       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

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

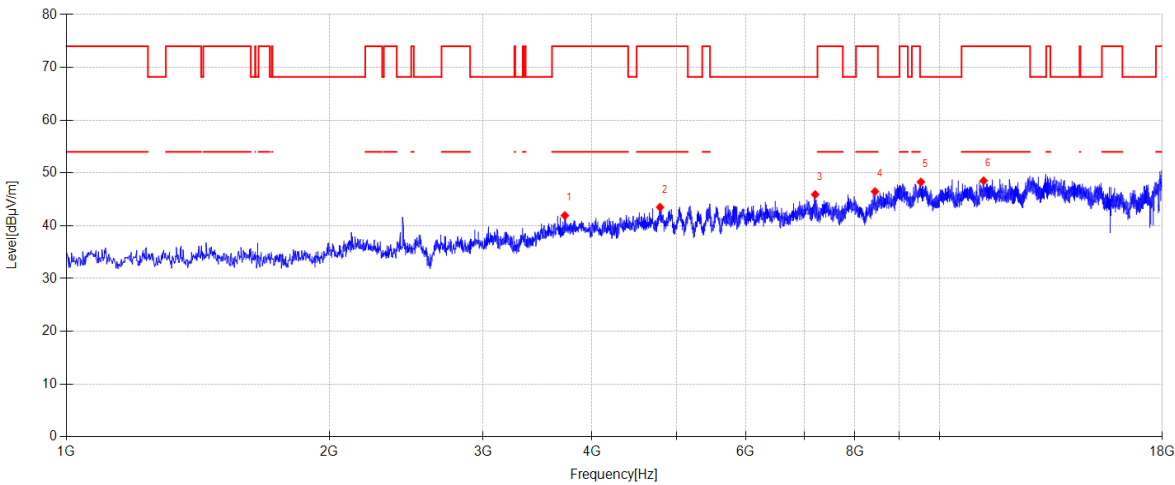
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\13

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         | 3723.400    | 46.74            | 30.45               | 4.35            | -39.61   | 41.93          | 74.00          | 32.07       | PK       | Horizontal |
| 2         | 4785.900    | 45.65            | 32.44               | 5.04            | -39.62   | 43.51          | 74.00          | 30.49       | PK       | Horizontal |
| 3         | 7205.000    | 43.87            | 36.80               | 6.06            | -40.82   | 45.91          | 68.20          | 22.29       | PK       | Horizontal |
| 4         | 8435.800    | 41.73            | 37.50               | 6.77            | -39.53   | 46.47          | 74.00          | 27.53       | PK       | Horizontal |
| 5         | 9522.100    | 41.81            | 38.66               | 7.03            | -39.22   | 48.28          | 68.20          | 19.92       | PK       | Horizontal |
| 6         | 11235.700   | 41.04            | 39.20               | 7.52            | -39.24   | 48.52          | 74.00          | 25.48       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-12-02

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

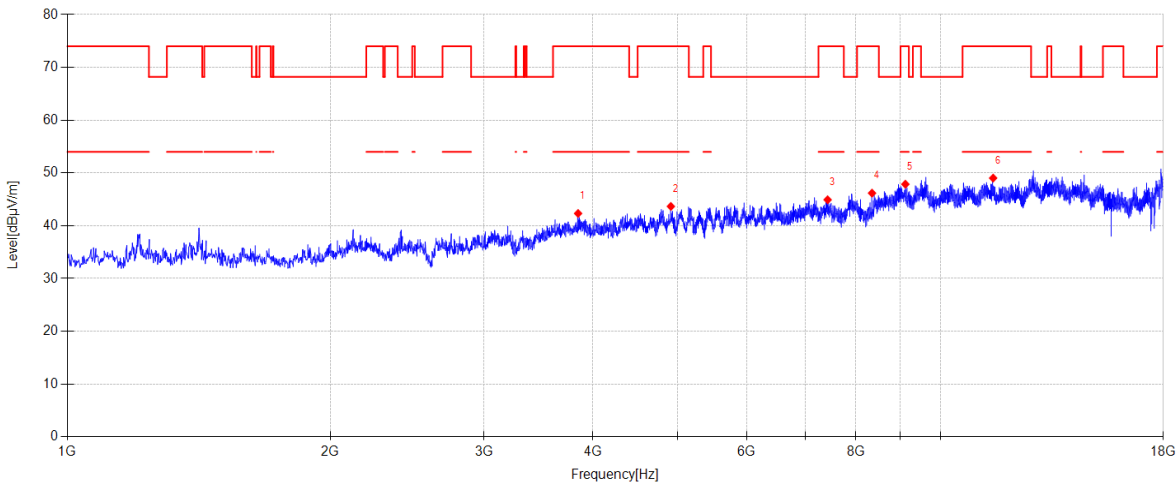
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\14

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         | 3845.800    | 46.66            | 30.88               | 4.43            | -39.64   | 42.33          | 74.00          | 31.67       | PK       | Vertical |
| 2         | 4911.700    | 45.13            | 33.02               | 5.12            | -39.61   | 43.66          | 74.00          | 30.34       | PK       | Vertical |
| 3         | 7426.000    | 42.68            | 36.65               | 6.21            | -40.62   | 44.92          | 74.00          | 29.08       | PK       | Vertical |
| 4         | 8349.100    | 41.79            | 37.30               | 6.74            | -39.65   | 46.18          | 74.00          | 27.82       | PK       | Vertical |
| 5         | 9115.800    | 41.25            | 38.50               | 7.01            | -38.89   | 47.87          | 74.00          | 26.13       | PK       | Vertical |
| 6         | 11490.700   | 41.63            | 39.21               | 7.68            | -39.49   | 49.03          | 74.00          | 24.97       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

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

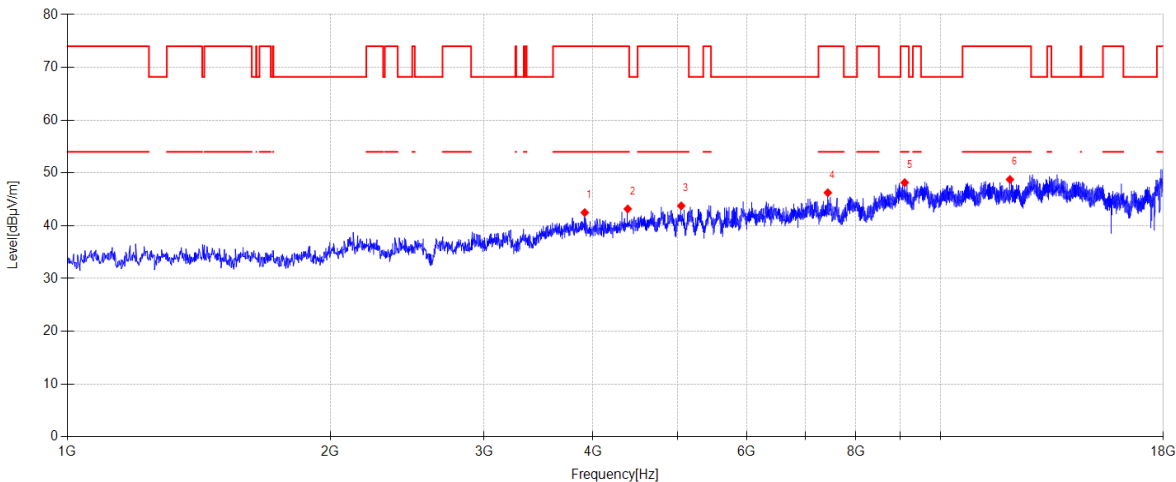
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d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\15

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         | 3913.800    | 46.51            | 31.17               | 4.47            | -39.66   | 42.49          | 74.00          | 31.51       | PK       | Horizontal |
| 2         | 4383.000    | 46.39            | 31.67               | 4.77            | -39.65   | 43.18          | 74.00          | 30.82       | PK       | Horizontal |
| 3         | 5047.700    | 44.85            | 33.30               | 5.21            | -39.60   | 43.76          | 74.00          | 30.24       | PK       | Horizontal |
| 4         | 7429.400    | 44.01            | 36.64               | 6.21            | -40.61   | 46.25          | 74.00          | 27.75       | PK       | Horizontal |
| 5         | 9100.500    | 41.54            | 38.50               | 7.01            | -38.88   | 48.17          | 74.00          | 25.83       | PK       | Horizontal |
| 6         | 12012.600   | 41.55            | 39.21               | 8.00            | -40.00   | 48.76          | 74.00          | 25.24       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

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

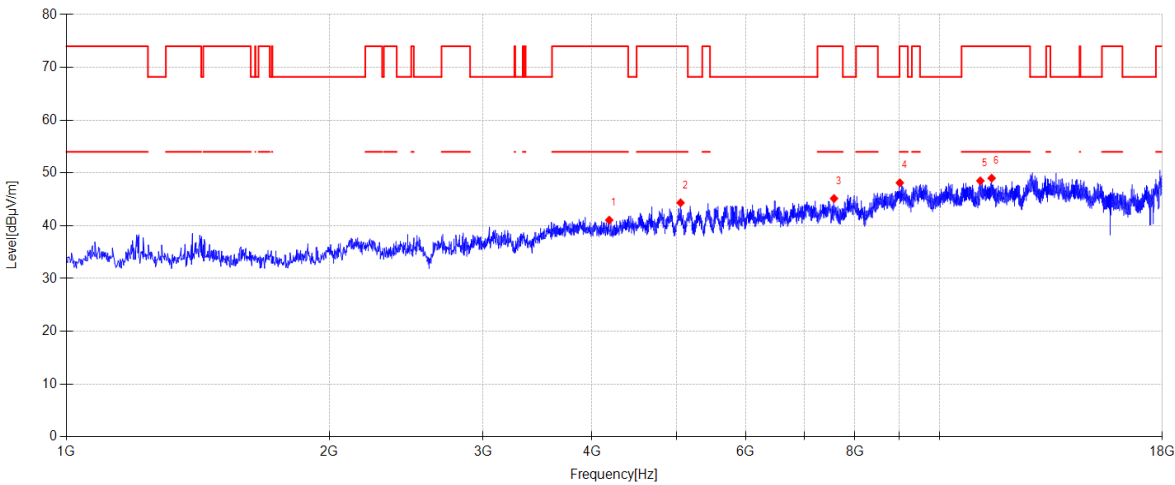
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Memo:

Sample Number: S24111520-010

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO .      | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 4185.800    | 44.89            | 31.20               | 4.64            | -39.67   | 41.06          | 74.00          | 32.94       | PK       | Vertical |
| 2         | 5052.800    | 45.43            | 33.31               | 5.21            | -39.60   | 44.35          | 74.00          | 29.65       | PK       | Vertical |
| 3         | 7572.200    | 42.90            | 36.44               | 6.31            | -40.49   | 45.16          | 74.00          | 28.84       | PK       | Vertical |
| 4         | 9007.000    | 41.63            | 38.31               | 7.00            | -38.81   | 48.13          | 74.00          | 25.87       | PK       | Vertical |
| 5         | 11138.800   | 40.93            | 39.26               | 7.46            | -39.14   | 48.51          | 74.00          | 25.49       | PK       | Vertical |
| 6         | 11475.400   | 41.59            | 39.22               | 7.67            | -39.48   | 49.00          | 74.00          | 25.00       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

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

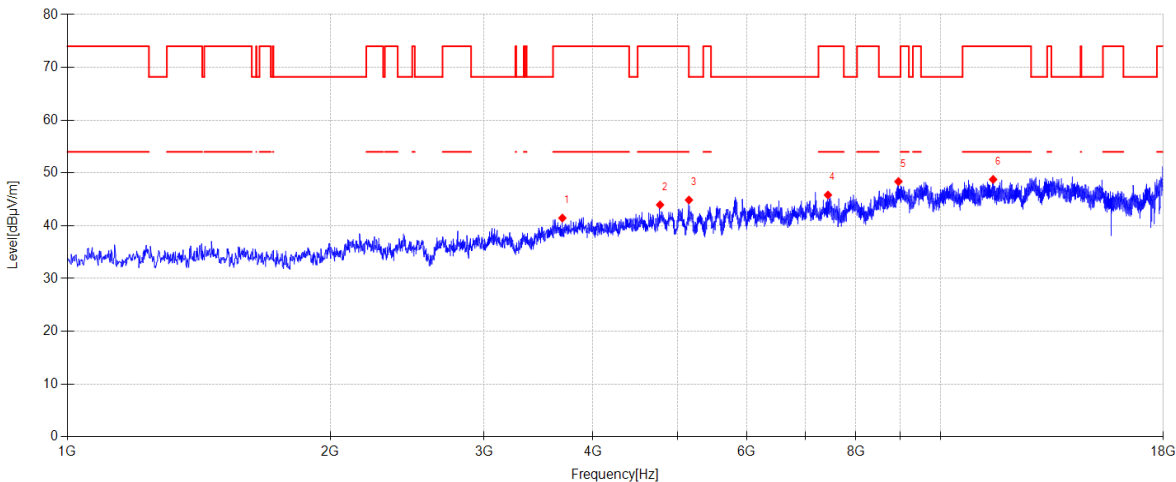
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\17

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         | 3689.400    | 46.38            | 30.36               | 4.33            | -39.61   | 41.46          | 74.00          | 32.54       | PK       | Horizontal |
| 2         | 4774.000    | 46.15            | 32.40               | 5.03            | -39.62   | 43.96          | 74.00          | 30.04       | PK       | Horizontal |
| 3         | 5151.400    | 45.79            | 33.40               | 5.28            | -39.60   | 44.87          | 68.20          | 23.33       | PK       | Horizontal |
| 4         | 7432.800    | 43.60            | 36.63               | 6.21            | -40.61   | 45.83          | 74.00          | 28.17       | PK       | Horizontal |
| 5         | 8950.900    | 41.85            | 38.40               | 6.98            | -38.86   | 48.37          | 68.20          | 19.83       | PK       | Horizontal |
| 6         | 11490.700   | 41.37            | 39.21               | 7.68            | -39.49   | 48.77          | 74.00          | 25.23       | 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

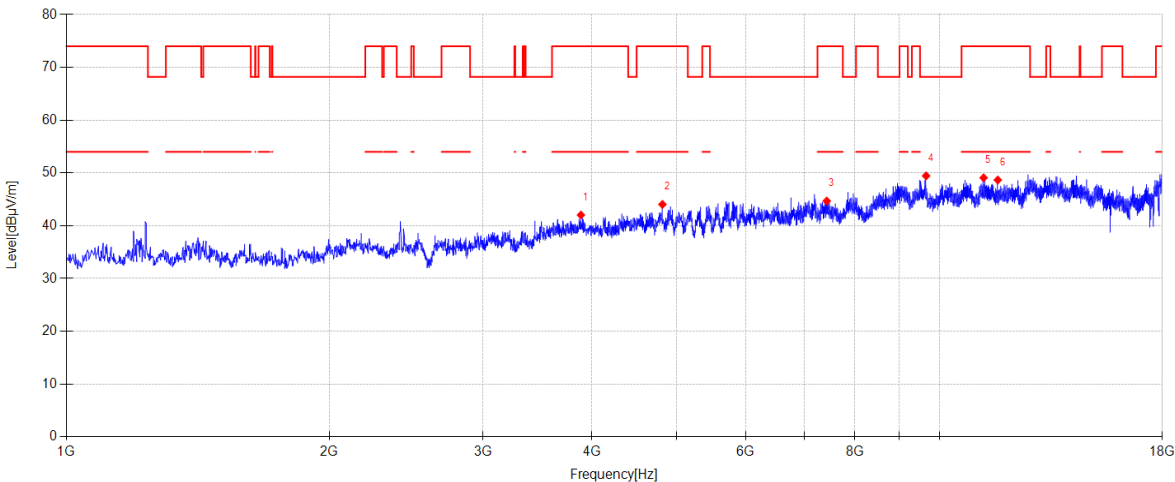
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\FCC Above 1G 5GWIFI\18

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    | 46.12            | 31.11               | 4.45            | -39.65   | 42.03          | 74.00          | 31.97       | PK       | Vertical |
| 2         | 4816.500    | 45.66            | 32.93               | 5.06            | -39.61   | 44.04          | 74.00          | 29.96       | PK       | Vertical |
| 3         | 7429.400    | 42.44            | 36.64               | 6.21            | -40.61   | 44.68          | 74.00          | 29.32       | PK       | Vertical |
| 4         | 9654.700    | 43.24            | 38.49               | 7.04            | -39.32   | 49.45          | 68.20          | 18.75       | PK       | Vertical |
| 5         | 11235.700   | 41.60            | 39.20               | 7.52            | -39.24   | 49.08          | 74.00          | 24.92       | PK       | Vertical |
| 6         | 11662.400   | 41.55            | 39.00               | 7.78            | -39.66   | 48.67          | 74.00          | 25.33       | PK       | Vertical |

Note:

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

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

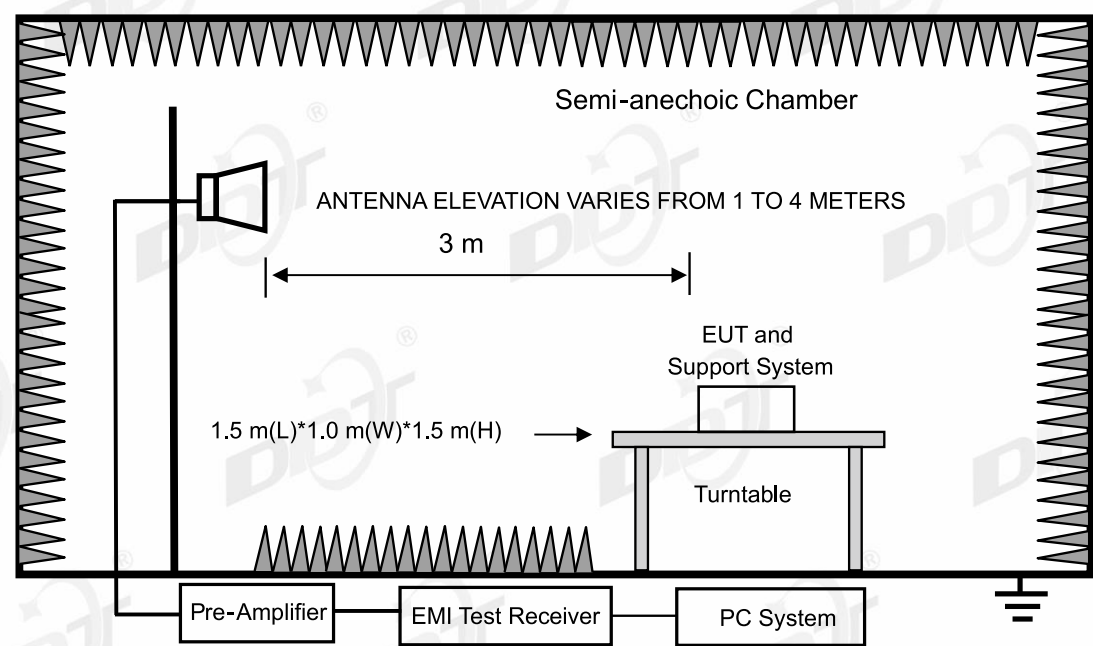
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## 14.Band Edge Compliance

### 14.1. Test equipment

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

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

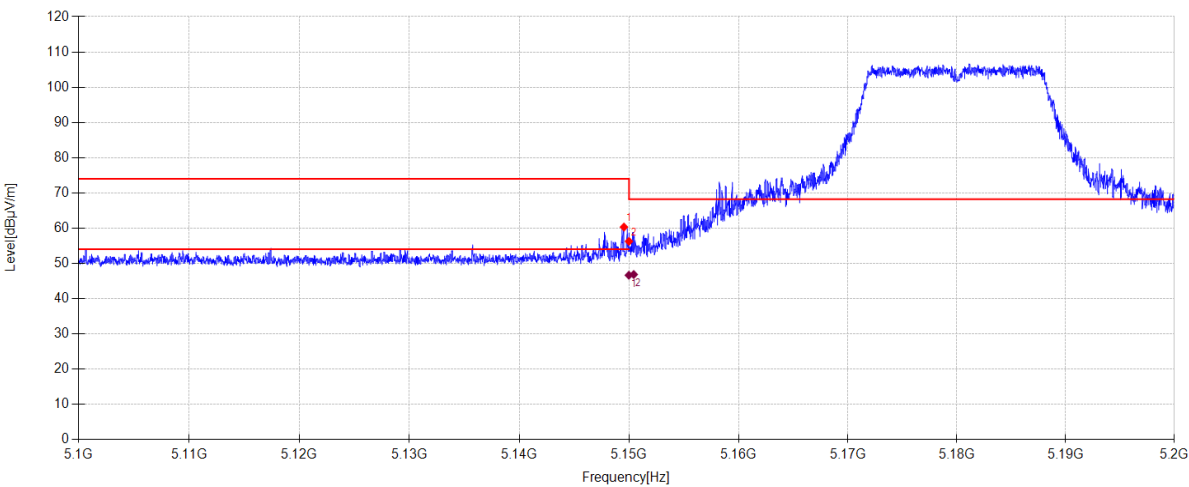
**PASS.** (See below detailed test result)

14.7. Test data

TR-4-E-009 Radiated Emission Test Result

|            |                                                              |               |                      |
|------------|--------------------------------------------------------------|---------------|----------------------|
| Test Date: | 2025-01-20                                                   | 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 Left Surround\0120 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         | 5149.540    | 51.24            | 33.40               | 5.28            | -29.60   | 60.32          | 74.00          | 13.68       | PK       | Horizontal |
| 2         | 5150.000    | 47.18            | 33.40               | 5.28            | -29.60   | 56.26          | 68.20          | 11.94       | PK       | Horizontal |

| Data List |             |                  |                     |                 |                |                |             |          |            |  |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|--|
| NO        | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |  |
| 1         | 5149.992    | 37.56            | 33.40               | 5.28            | 46.64          | 54             | 7.36        | AV       | Horizontal |  |
| 2         | 5150.431    | 37.77            | 33.40               | 5.28            | 46.85          | 54             | 7.15        | 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:

2025-01-20

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

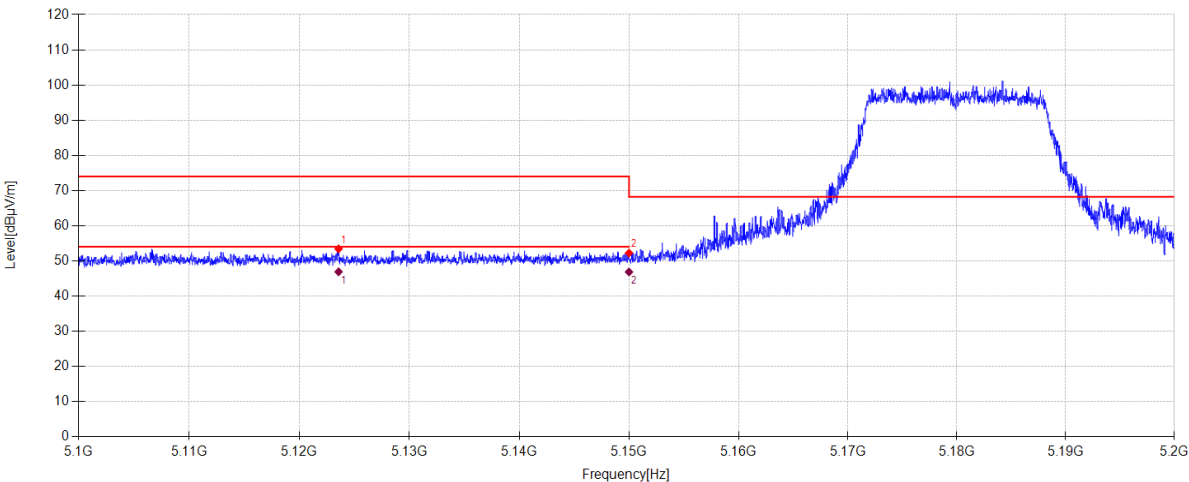
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5123.570    | 44.37            | 33.40               | 5.26            | -29.60   | 53.43          | 74.00          | 20.57       | PK       | Vertical |
| 2         | 5150.000    | 43.15            | 33.40               | 5.28            | -29.60   | 52.23          | 68.20          | 15.97       | 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         | 5123.570    | 37.85            | 33.40               | 5.26            | 46.91          | 54             | 7.09        | AV       | Vertical |
| 2         | 5150.000    | 37.78            | 33.40               | 5.28            | 46.86          | 54             | 7.14        | AV       | Vertical |

Note:

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

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

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



TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

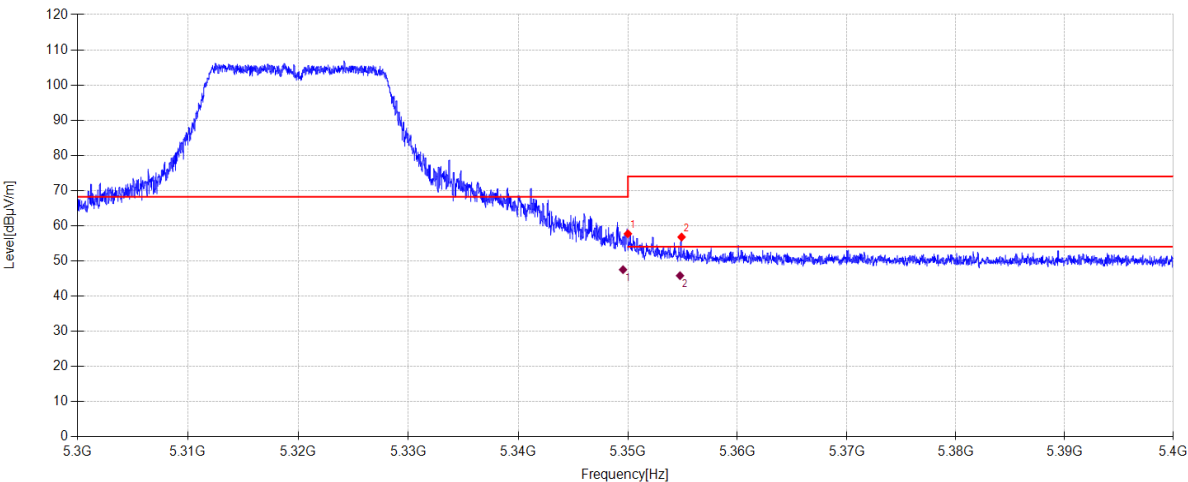
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5350.000    | 48.80            | 33.10               | 5.41            | -29.60   | 57.71          | 68.20          | 10.49       | PK       | Horizontal |
| 2         | 5354.900    | 47.87            | 33.10               | 5.41            | -29.60   | 56.78          | 74.00          | 17.22       | PK       | Horizontal |

| Data List |             |                  |                     |                 |                |                |             |          |            |  |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|--|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |  |
| 1         | 5349.557    | 38.60            | 33.10               | 5.41            | 47.51          | 54             | 6.49        | AV       | Horizontal |  |
| 2         | 5354.759    | 36.89            | 33.10               | 5.41            | 45.80          | 54             | 8.20        | 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:

2025-01-20

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

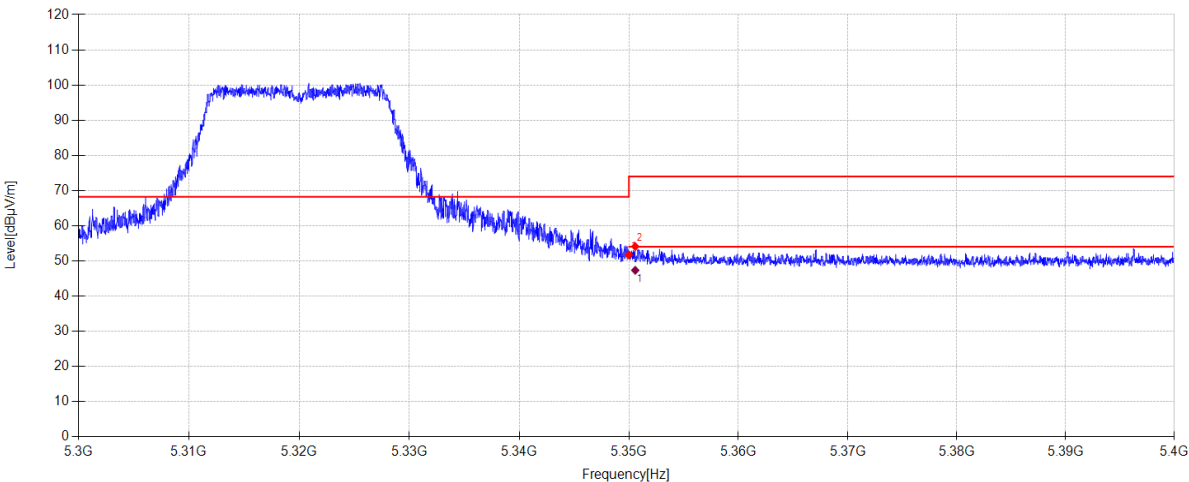
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5350.000    | 42.80            | 33.10               | 5.41            | -29.60   | 51.71          | 68.20          | 16.49       | PK       | Vertical |
| 2         | 5350.580    | 45.18            | 33.10               | 5.41            | -29.60   | 54.09          | 74.00          | 19.91       | 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         | 5350.580    | 38.42            | 33.10               | 5.41            | 47.33          | 54             | 6.67        | 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:

2025-01-20

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

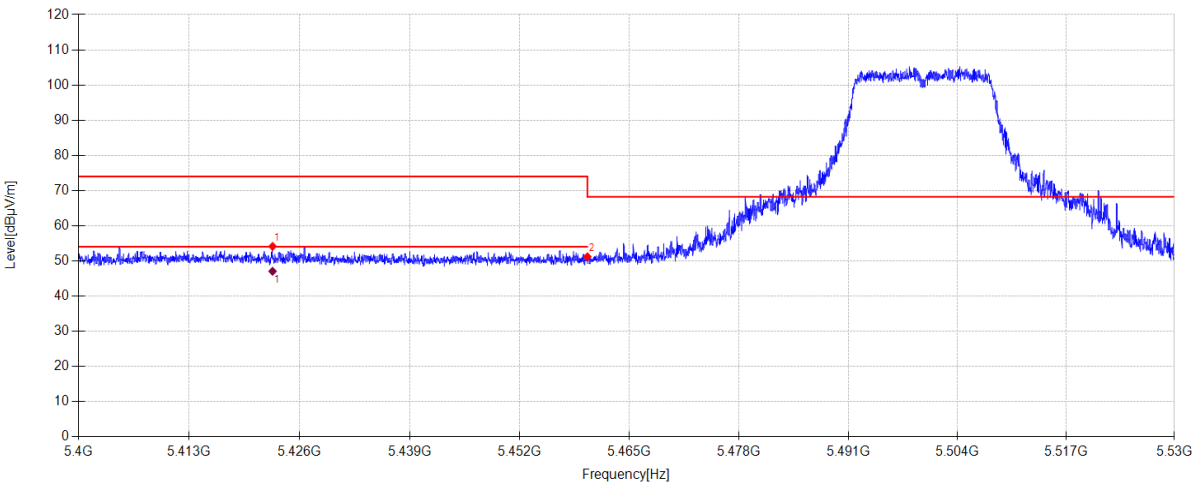
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5422.815    | 45.23            | 33.05               | 5.46            | -29.60   | 54.14          | 74.00          | 19.86       | PK       | Horizontal |
| 2         | 5460.000    | 42.30            | 33.00               | 5.48            | -29.60   | 51.18          | 68.20          | 17.02       | 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         | 5422.815    | 38.14            | 33.05               | 5.46            | 47.05          | 54             | 6.95        | 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:

2025-01-20

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

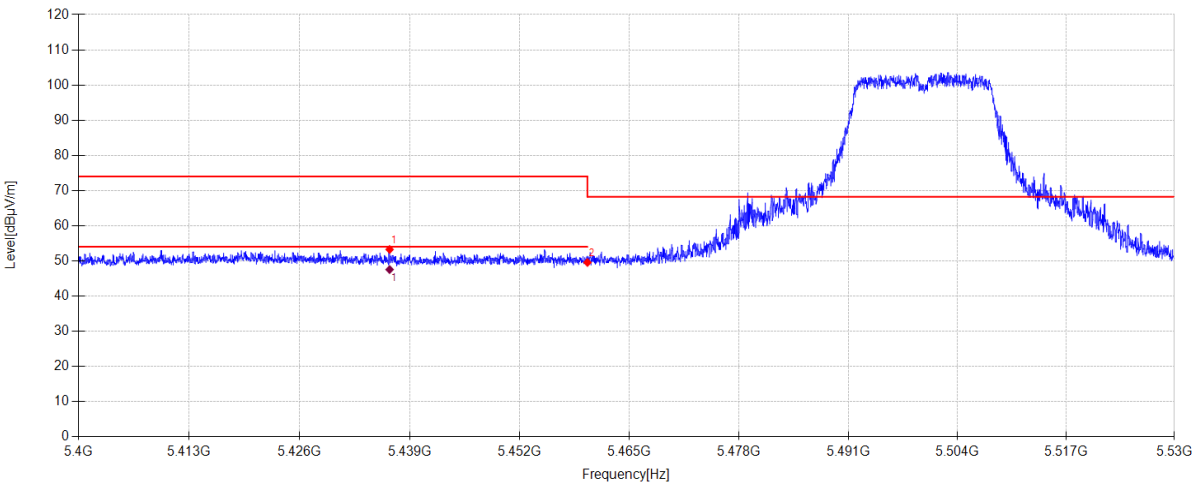
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5436.608    | 44.35            | 33.03               | 5.47            | -29.60   | 53.25          | 74.00          | 20.75       | PK       | Vertical |
| 2         | 5460.000    | 40.68            | 33.00               | 5.48            | -29.60   | 49.56          | 68.20          | 18.64       | PK       | Vertical |

| Data List |             |                  |                     |                 |                |                |             |          |          |  |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|----------|--|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |  |
| 1         | 5436.608    | 38.65            | 33.03               | 5.47            | 47.55          | 54             | 6.45        | 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:

2025-01-20

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

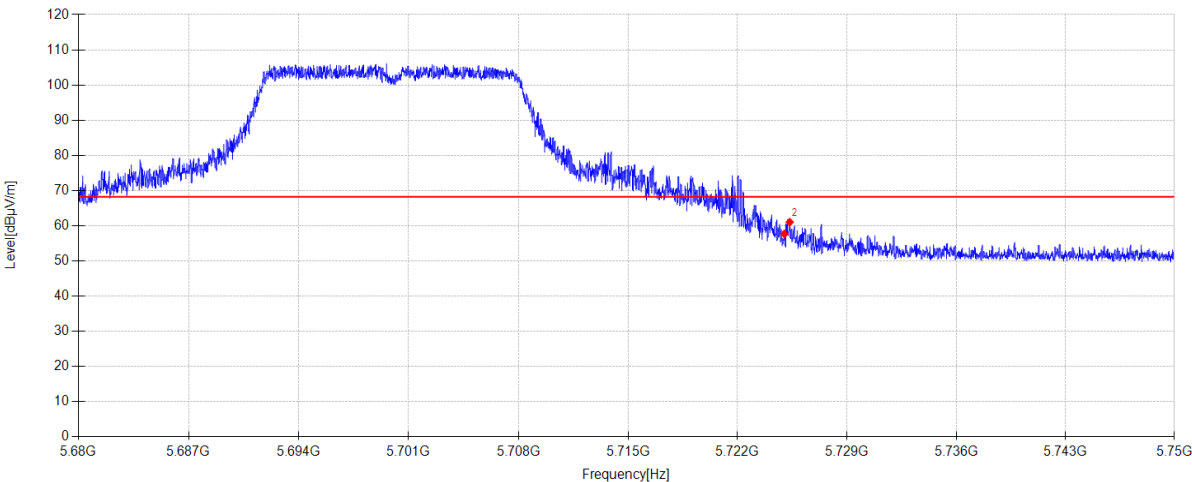
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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    | 47.86            | 33.75               | 5.66            | -29.60   | 57.67          | 68.20          | 10.53       | PK       | Horizontal |
| 2         | 5725.339    | 51.21            | 33.75               | 5.66            | -29.60   | 61.02          | 68.20          | 7.18        | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

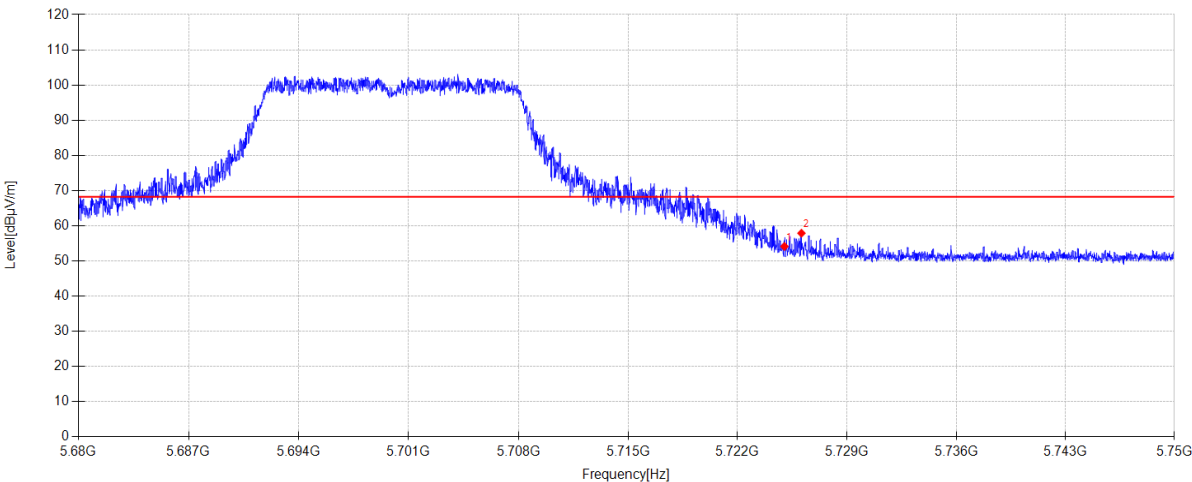
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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    | 44.31            | 33.75               | 5.66            | -29.60   | 54.12          | 68.20          | 14.08       | PK       | Vertical |
| 2         | 5726.088    | 48.06            | 33.76               | 5.66            | -29.60   | 57.88          | 68.20          | 10.32       | 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:

2025-01-20

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

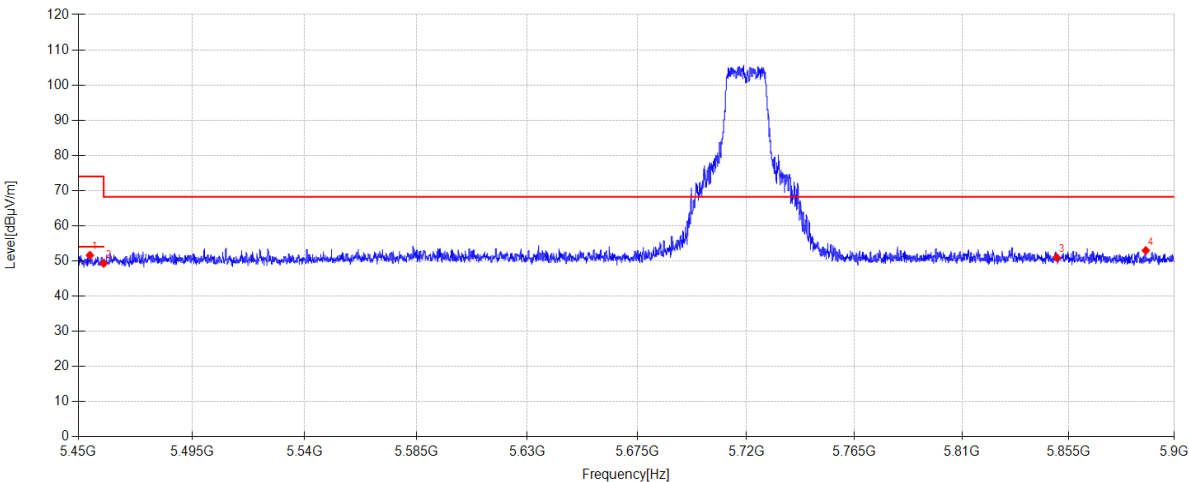
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5454.545    | 42.72            | 33.00               | 5.48            | -29.60   | 51.60          | 74.00          | 22.40       | PK       | Horizontal |
| 2         | 5460.000    | 40.42            | 33.00               | 5.48            | -29.60   | 49.30          | 68.20          | 18.90       | PK       | Horizontal |
| 3         | 5850.000    | 40.82            | 34.00               | 5.74            | -29.60   | 50.96          | 68.20          | 17.24       | PK       | Horizontal |
| 4         | 5887.805    | 42.70            | 34.08               | 5.77            | -29.60   | 52.95          | 68.20          | 15.25       | 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:

2025-01-20

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

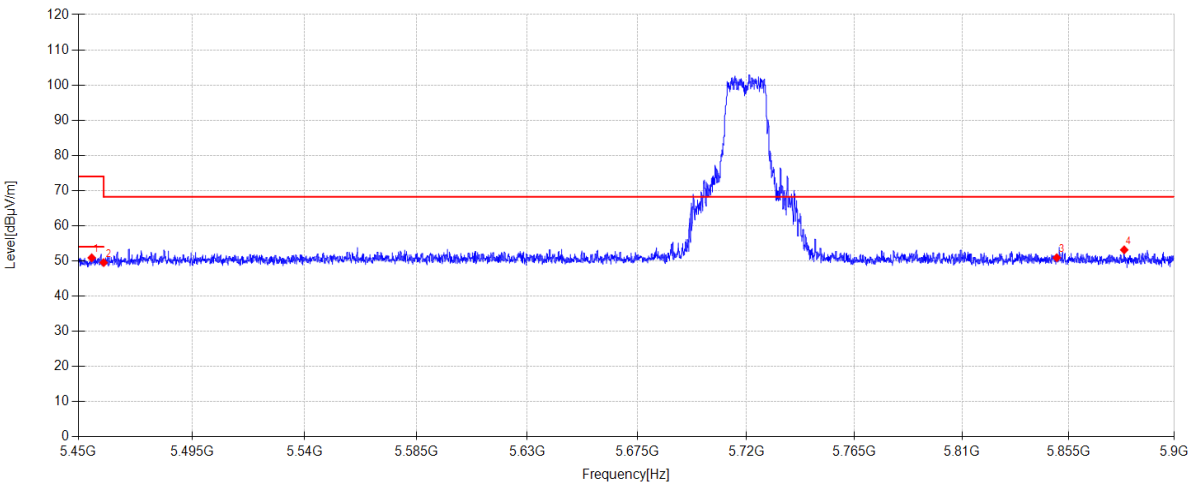
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5455.265    | 42.01            | 33.00               | 5.48            | -29.60   | 50.89          | 74.00          | 23.11       | PK       | Vertical |
| 2         | 5460.000    | 40.64            | 33.00               | 5.48            | -29.60   | 49.52          | 68.20          | 18.68       | PK       | Vertical |
| 3         | 5850.000    | 40.78            | 34.00               | 5.74            | -29.60   | 50.92          | 68.20          | 17.28       | PK       | Vertical |
| 4         | 5878.625    | 42.92            | 34.06               | 5.76            | -29.60   | 53.14          | 68.20          | 15.06       | 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:

2025-01-20

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

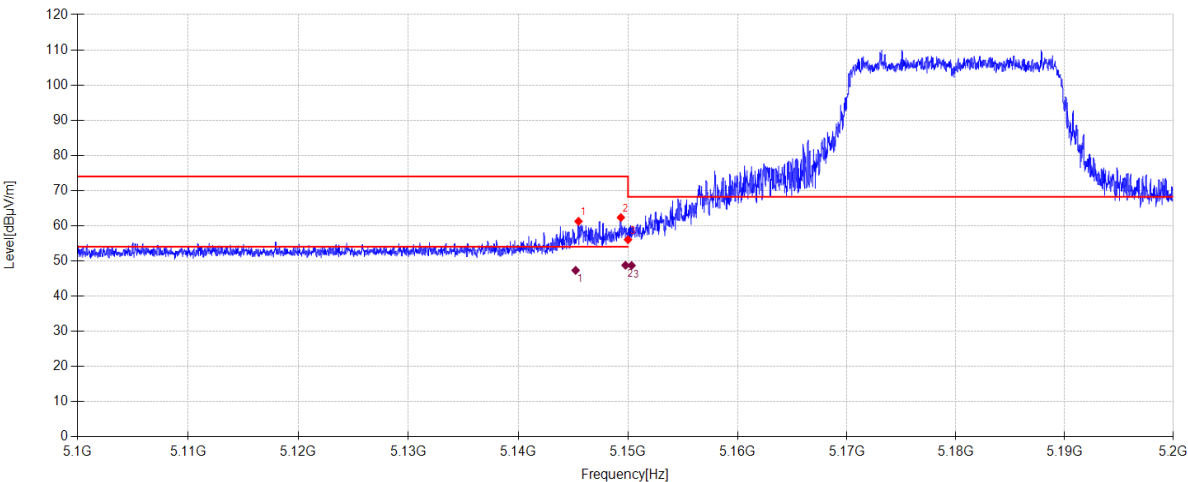
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G 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         | 5145.490    | 52.17            | 33.40               | 5.28            | -29.60   | 61.25          | 74.00          | 12.75       | PK       | Horizontal |
| 2         | 5149.350    | 53.26            | 33.40               | 5.28            | -29.60   | 62.34          | 74.00          | 11.66       | PK       | Horizontal |
| 3         | 5150.000    | 46.95            | 33.40               | 5.28            | -29.60   | 56.03          | 68.20          | 12.17       | 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         | 5145.220    | 38.23            | 33.40               | 5.28            | 47.31          | 54             | 6.69        | AV       | Horizontal |  |
| 2         | 5149.769    | 39.68            | 33.40               | 5.28            | 48.76          | 54             | 5.24        | AV       | Horizontal |  |
| 3         | 5150.326    | 39.62            | 33.40               | 5.28            | 48.70          | 54             | 5.30        | 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:

2025-01-20

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

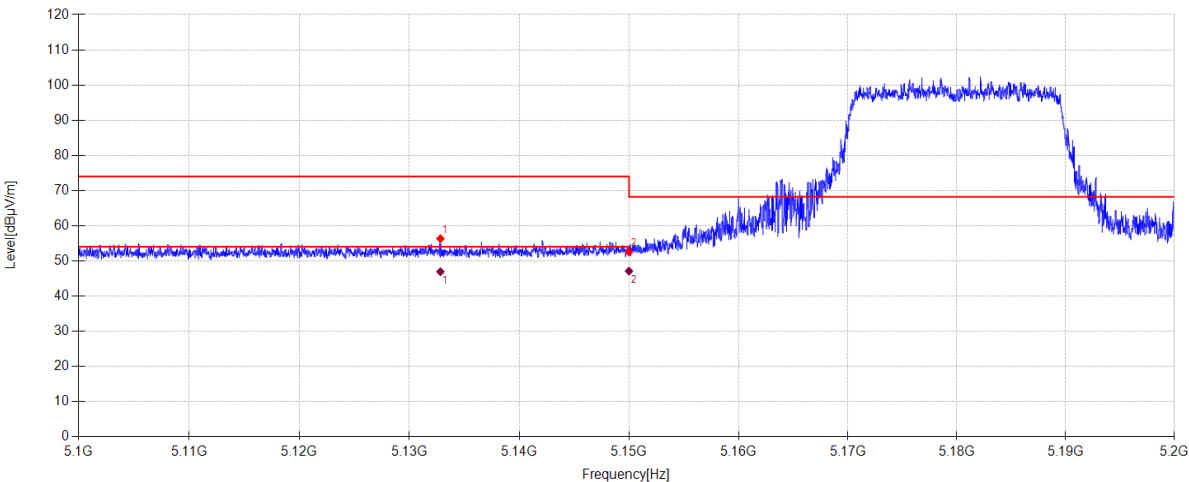
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G 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         | 5132.820    | 47.25            | 33.40               | 5.27            | -29.60   | 56.32          | 74.00          | 17.68       | PK       | Vertical |
| 2         | 5150.000    | 43.45            | 33.40               | 5.28            | -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         | 5132.820    | 37.85            | 33.40               | 5.27            | 46.92          | 54             | 7.08        | AV       | Vertical |
| 2         | 5150.000    | 38.02            | 33.40               | 5.28            | 47.10          | 54             | 6.90        | 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:

2025-01-20

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

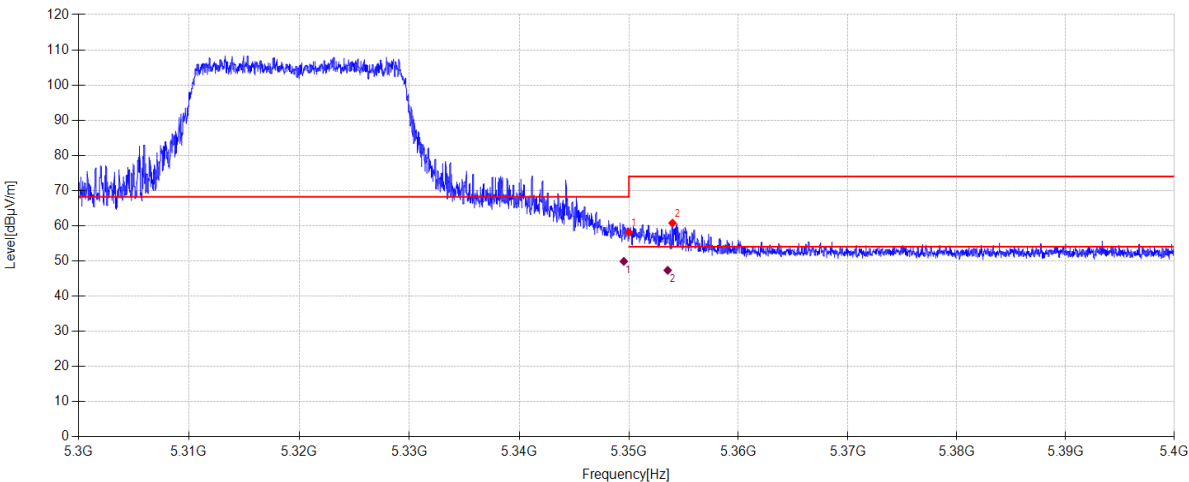
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G 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         | 5350.000    | 49.21            | 33.10               | 5.41            | -29.60   | 58.12          | 68.20          | 10.08       | PK       | Horizontal |
| 2         | 5353.980    | 51.85            | 33.10               | 5.41            | -29.60   | 60.76          | 74.00          | 13.24       | 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         | 5349.537    | 40.95            | 33.10               | 5.41            | 49.86          | 54             | 4.14        | AV       | Horizontal |
| 2         | 5353.538    | 38.41            | 33.10               | 5.41            | 47.32          | 54             | 6.68        | 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:

2025-01-20

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

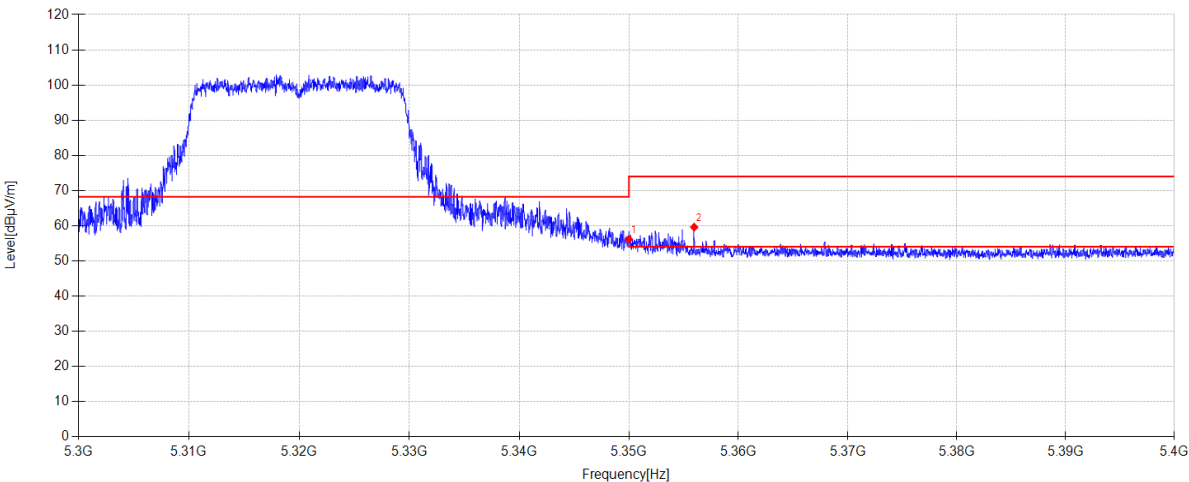
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G 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         | 5350.000    | 47.24            | 33.10               | 5.41            | -29.60   | 56.15          | 68.20          | 12.05       | PK       | Vertical |
| 2         | 5355.960    | 50.69            | 33.10               | 5.41            | -29.60   | 59.60          | 74.00          | 14.40       | 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:

2025-01-20

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

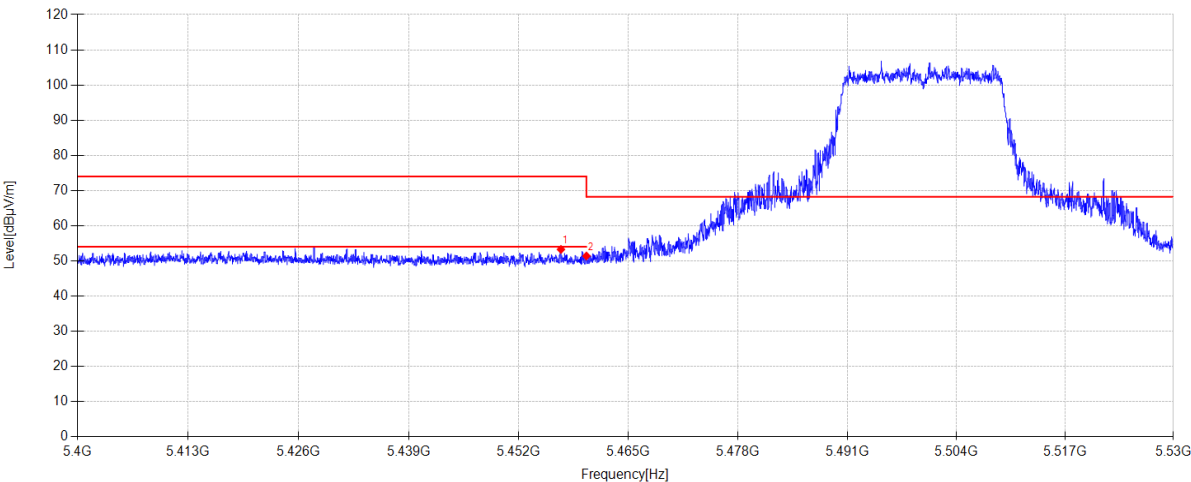
File Path:

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Memo:

Sample Number: S24111520-010

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5456.979    | 44.38            | 33.00               | 5.48            | -29.60   | 53.26          | 74.00          | 20.74       | PK       | Horizontal |
| 2         | 5460.000    | 42.52            | 33.00               | 5.48            | -29.60   | 51.40          | 68.20          | 16.80       | 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:

2025-01-20

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

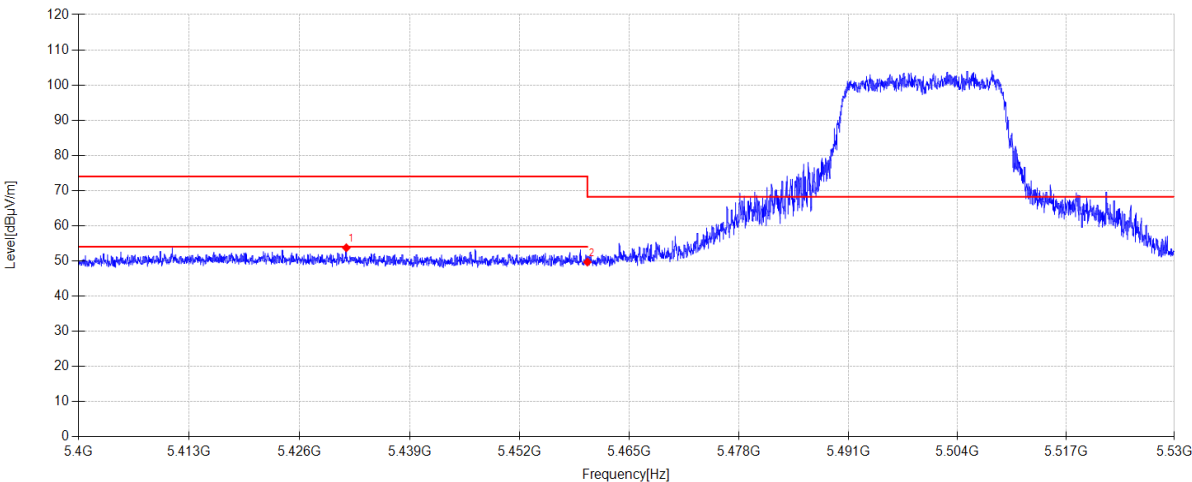
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Memo:

Sample Number: S24111520-010

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5431.499    | 44.84            | 33.04               | 5.46            | -29.60   | 53.74          | 74.00          | 20.26       | PK       | Vertical |
| 2         | 5460.000    | 40.78            | 33.00               | 5.48            | -29.60   | 49.66          | 68.20          | 18.54       | 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:

2025-01-20

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

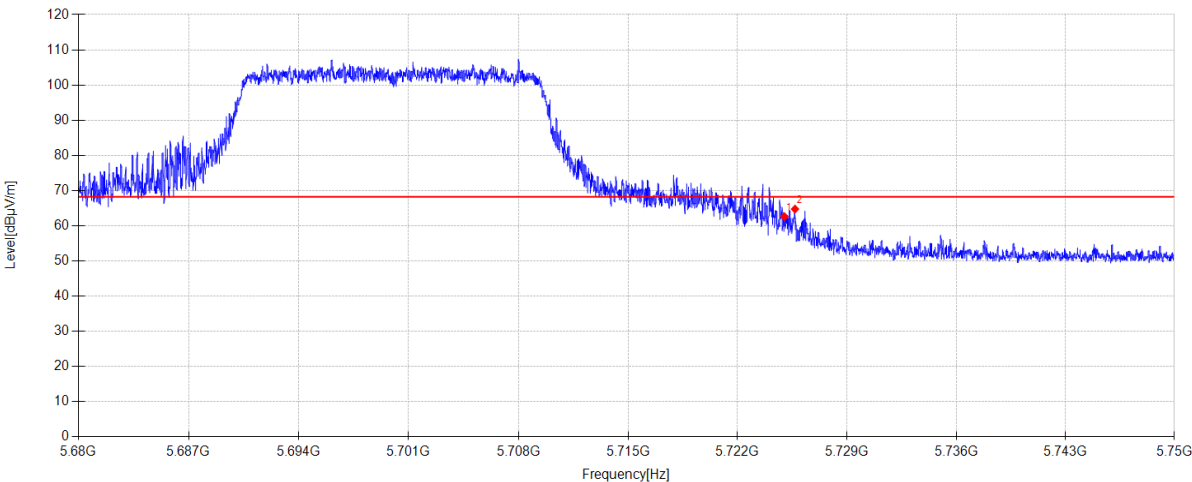
File Path:

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Memo:

Sample Number: S24111520-010

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5725.000    | 52.78            | 33.75               | 5.66            | -29.60   | 62.59          | 68.20          | 5.61        | PK       | Horizontal |
| 2         | 5725.675    | 54.93            | 33.75               | 5.66            | -29.60   | 64.74          | 68.20          | 3.46        | 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:

2025-01-20

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

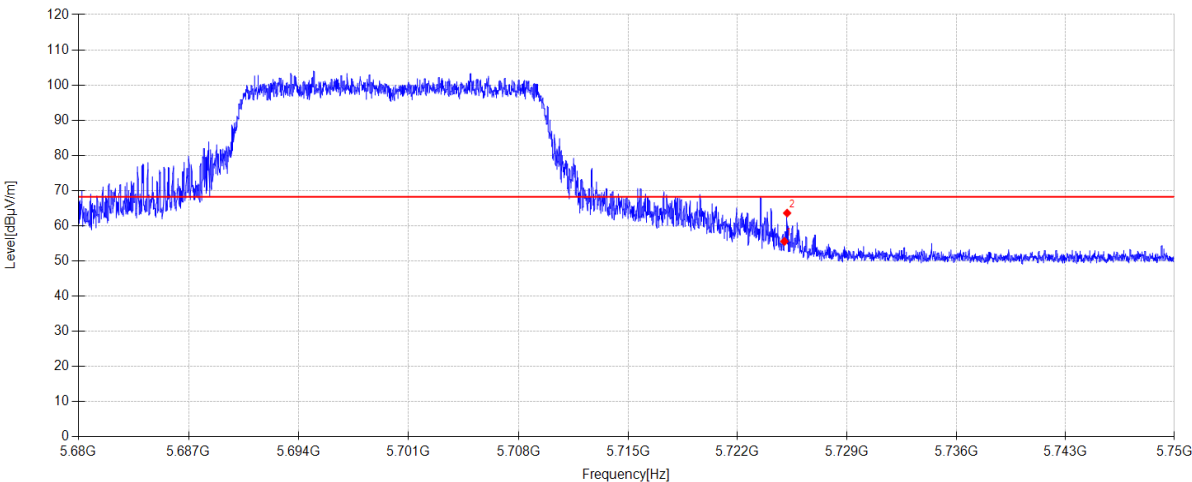
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\12

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    | 45.73            | 33.75               | 5.66            | -29.60   | 55.54          | 68.20          | 12.66       | PK       | Vertical |
| 2         | 5725.171    | 53.79            | 33.75               | 5.66            | -29.60   | 63.60          | 68.20          | 4.60        | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

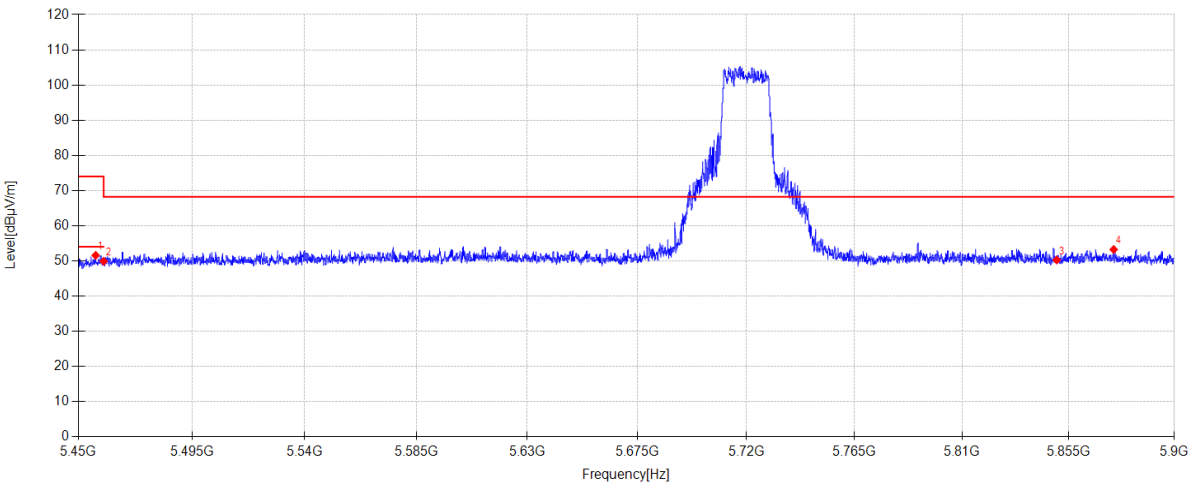
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\13

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         | 5456.840    | 42.69            | 33.00               | 5.48            | -29.60   | 51.57          | 74.00          | 21.93       | PK       | Horizontal |
| 2         | 5460.000    | 41.02            | 33.00               | 5.48            | -29.60   | 49.90          | 68.20          | 18.30       | PK       | Horizontal |
| 3         | 5850.000    | 40.13            | 34.00               | 5.74            | -29.60   | 50.27          | 68.20          | 17.93       | PK       | Horizontal |
| 4         | 5874.170    | 43.02            | 34.05               | 5.76            | -29.60   | 53.23          | 68.20          | 14.97       | 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:

2025-01-20

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

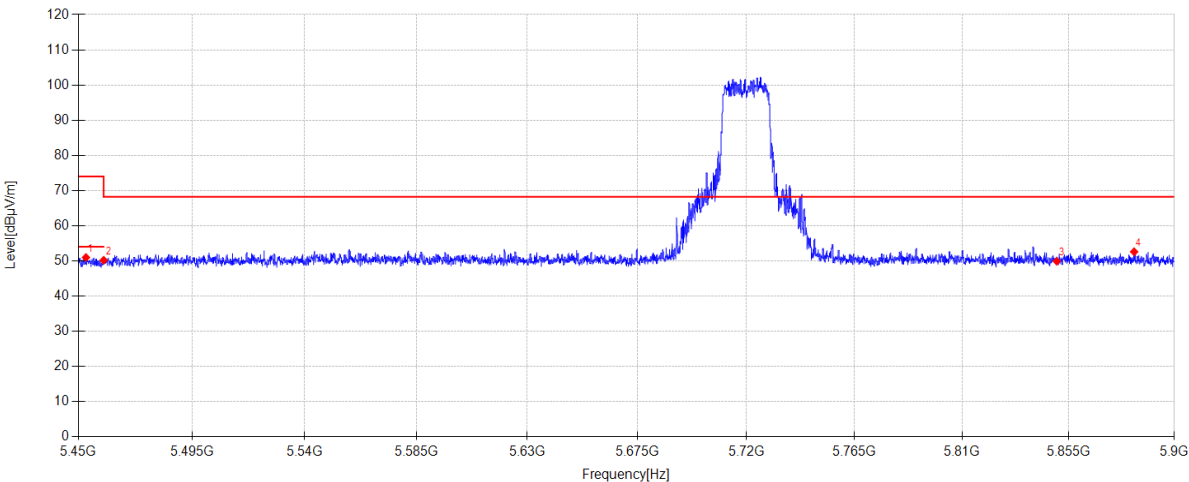
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\14

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         | 5453.015    | 42.10            | 33.00               | 5.48            | -29.60   | 50.98          | 74.00          | 23.02       | PK       | Vertical |
| 2         | 5460.000    | 41.30            | 33.00               | 5.48            | -29.60   | 50.18          | 68.20          | 18.02       | PK       | Vertical |
| 3         | 5850.000    | 39.77            | 34.00               | 5.74            | -29.60   | 49.91          | 68.20          | 18.29       | PK       | Vertical |
| 4         | 5882.855    | 42.37            | 34.07               | 5.76            | -29.60   | 52.60          | 68.20          | 15.60       | PK       | Vertical |

Note:

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

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

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



TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

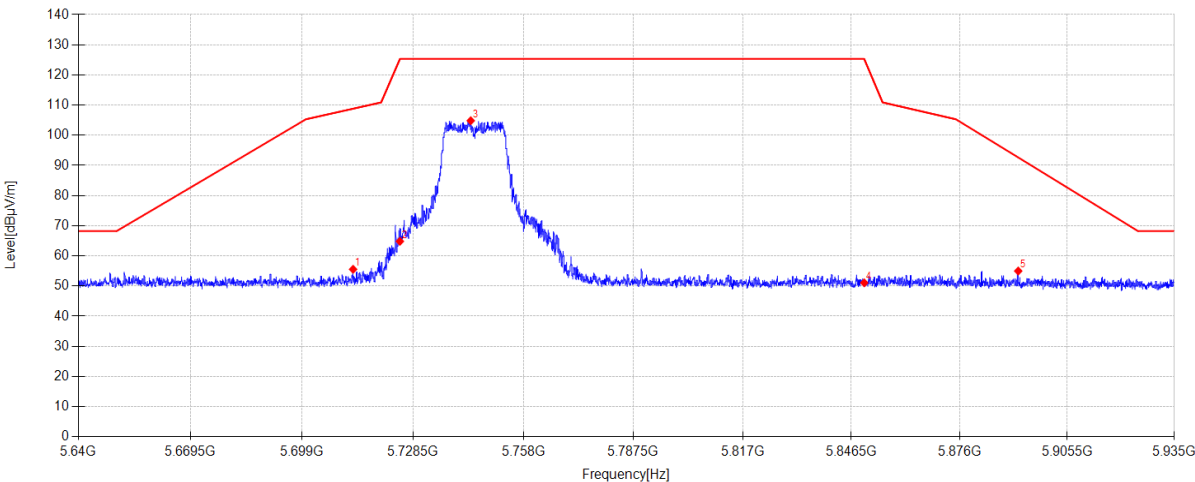
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5712.541    | 45.82            | 33.68               | 5.65            | -29.60   | 55.55          | 108.81         | 53.26       | PK       | Horizontal |
| 2         | 5725.000    | 55.01            | 33.75               | 5.66            | -29.60   | 64.82          | 125.30         | 60.48       | PK       | Horizontal |
| 3         | 5743.899    | 94.91            | 33.86               | 5.67            | -29.60   | 104.84         | 125.30         | 20.46       | PK       | Horizontal |
| 4         | 5850.000    | 40.93            | 34.00               | 5.74            | -29.60   | 51.07          | 125.30         | 74.23       | PK       | Horizontal |
| 5         | 5892.048    | 44.73            | 34.08               | 5.77            | -29.60   | 54.98          | 92.65          | 37.67       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

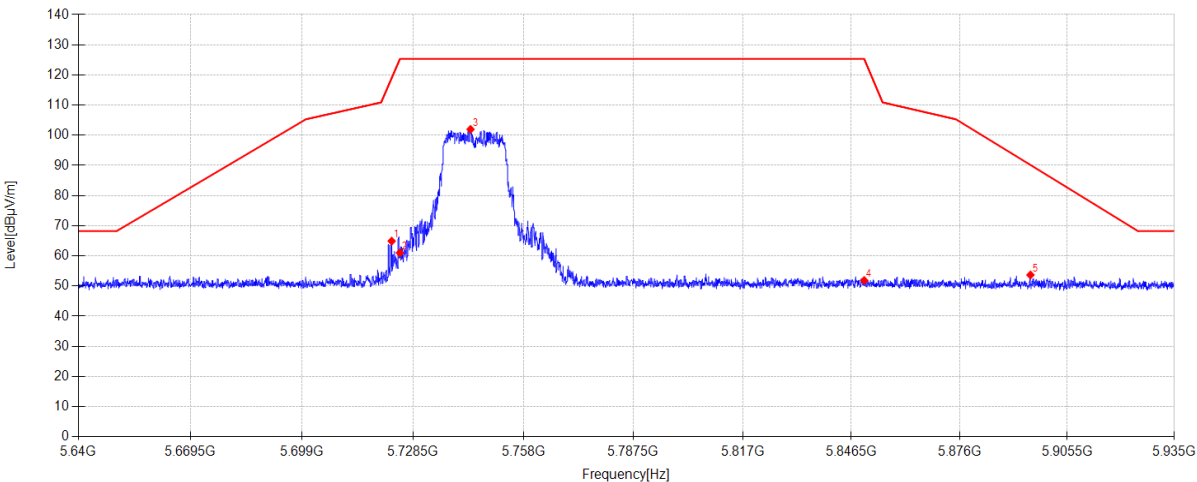
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5722.807    | 55.10            | 33.74               | 5.66            | -29.60   | 64.90          | 118.98         | 54.08       | PK       | Vertical |
| 2         | 5725.000    | 51.18            | 33.75               | 5.66            | -29.60   | 60.99          | 125.30         | 64.31       | PK       | Vertical |
| 3         | 5743.840    | 92.03            | 33.86               | 5.67            | -29.60   | 101.96         | 125.30         | 23.34       | PK       | Vertical |
| 4         | 5850.000    | 41.71            | 34.00               | 5.74            | -29.60   | 51.85          | 125.30         | 73.45       | PK       | Vertical |
| 5         | 5895.411    | 43.41            | 34.09               | 5.77            | -29.60   | 53.67          | 90.16          | 36.49       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

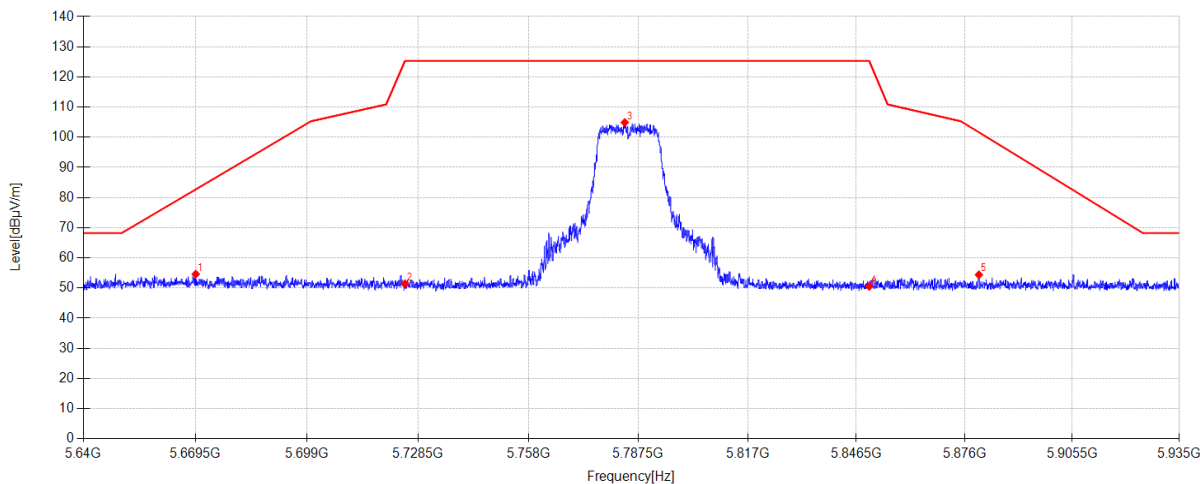
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5669.559    | 45.11            | 33.48               | 5.62            | -29.60   | 54.61          | 82.71          | 28.10       | PK       | Horizontal |
| 2         | 5725.000    | 41.60            | 33.75               | 5.66            | -29.60   | 51.41          | 125.30         | 73.89       | PK       | Horizontal |
| 3         | 5783.842    | 94.71            | 34.10               | 5.70            | -29.60   | 104.91         | 125.30         | 20.39       | PK       | Horizontal |
| 4         | 5850.000    | 40.42            | 34.00               | 5.74            | -29.60   | 50.56          | 125.30         | 74.74       | PK       | Horizontal |
| 5         | 5879.924    | 44.17            | 34.06               | 5.76            | -29.60   | 54.39          | 101.65         | 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:

2025-01-20

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

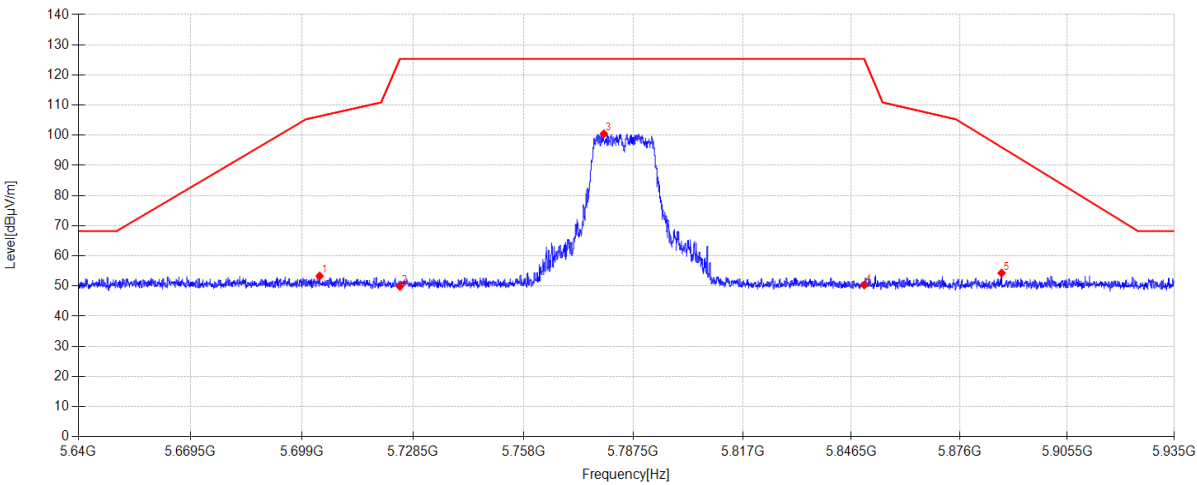
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 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         | 5703.661    | 43.67            | 33.62               | 5.64            | -29.60   | 53.33          | 106.33         | 53.00       | PK       | Vertical |
| 2         | 5725.000    | 40.03            | 33.75               | 5.66            | -29.60   | 49.84          | 125.30         | 75.46       | PK       | Vertical |
| 3         | 5779.565    | 90.31            | 34.08               | 5.69            | -29.60   | 100.48         | 125.30         | 24.82       | PK       | Vertical |
| 4         | 5850.000    | 40.19            | 34.00               | 5.74            | -29.60   | 50.33          | 125.30         | 74.97       | PK       | Vertical |
| 5         | 5887.505    | 44.05            | 34.08               | 5.77            | -29.60   | 54.30          | 96.02          | 41.72       | 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:

2025-01-20

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

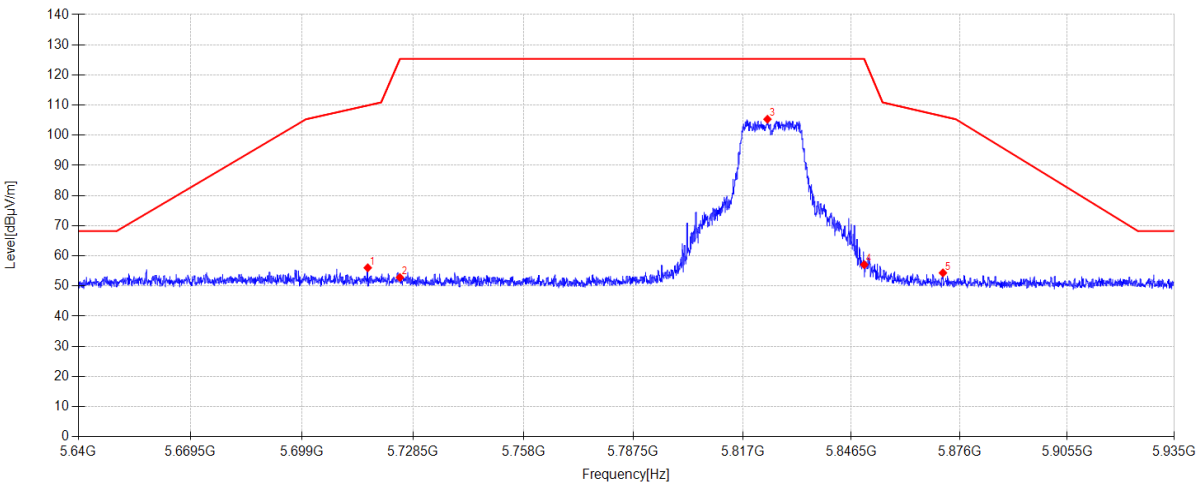
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\21

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         | 5716.435    | 46.30            | 33.70               | 5.65            | -29.60   | 56.05          | 109.90         | 53.85       | PK       | Horizontal |
| 2         | 5725.000    | 43.01            | 33.75               | 5.66            | -29.60   | 52.82          | 125.30         | 72.48       | PK       | Horizontal |
| 3         | 5823.726    | 95.08            | 34.11               | 5.72            | -29.60   | 105.31         | 125.30         | 19.99       | PK       | Horizontal |
| 4         | 5850.000    | 46.95            | 34.00               | 5.74            | -29.60   | 57.09          | 125.30         | 68.21       | PK       | Horizontal |
| 5         | 5871.457    | 44.16            | 34.04               | 5.76            | -29.60   | 54.36          | 106.29         | 51.93       | 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:

2025-01-20

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

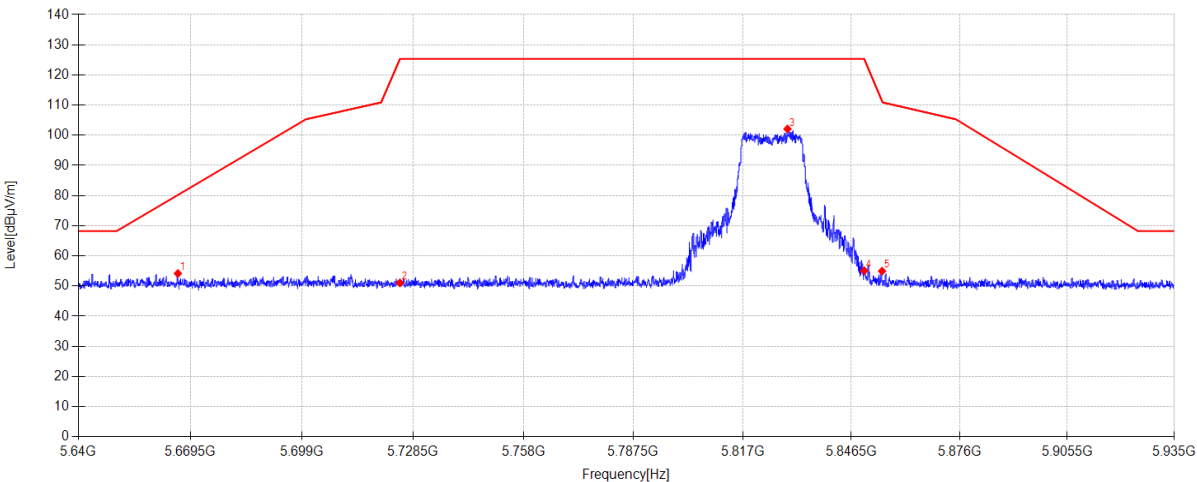
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\22

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         | 5666.167    | 44.69            | 33.46               | 5.62            | -29.60   | 54.17          | 80.20          | 26.03       | PK       | Vertical |
| 2         | 5725.000    | 41.21            | 33.75               | 5.66            | -29.60   | 51.02          | 125.30         | 74.28       | PK       | Vertical |
| 3         | 5829.154    | 91.88            | 34.08               | 5.73            | -29.60   | 102.09         | 125.30         | 23.21       | PK       | Vertical |
| 4         | 5850.000    | 44.96            | 34.00               | 5.74            | -29.60   | 55.10          | 125.30         | 70.20       | PK       | Vertical |
| 5         | 5854.849    | 44.80            | 34.01               | 5.74            | -29.60   | 54.95          | 111.34         | 56.39       | PK       | Vertical |

Note:

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

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

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



TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

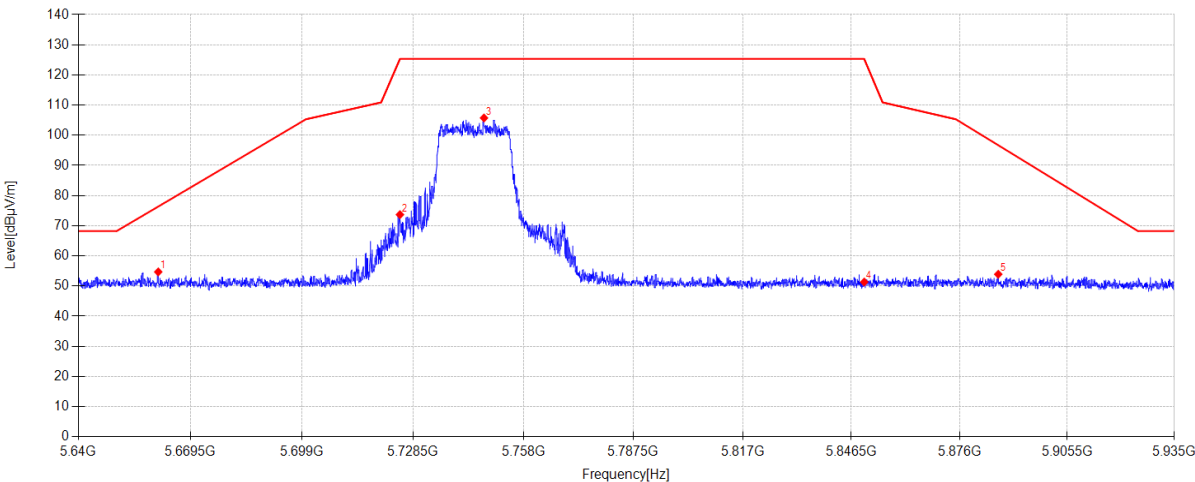
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\15

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         | 5661.004    | 45.23            | 33.44               | 5.62            | -29.60   | 54.69          | 76.36          | 21.67       | PK       | Horizontal |
| 2         | 5725.000    | 63.87            | 33.75               | 5.66            | -29.60   | 73.68          | 125.30         | 51.62       | PK       | Horizontal |
| 3         | 5747.439    | 95.79            | 33.88               | 5.67            | -29.60   | 105.74         | 125.30         | 19.56       | PK       | Horizontal |
| 4         | 5850.000    | 41.19            | 34.00               | 5.74            | -29.60   | 51.33          | 125.30         | 73.97       | PK       | Horizontal |
| 5         | 5886.591    | 43.67            | 34.07               | 5.77            | -29.60   | 53.91          | 96.70          | 42.79       | 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:

2025-01-20

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

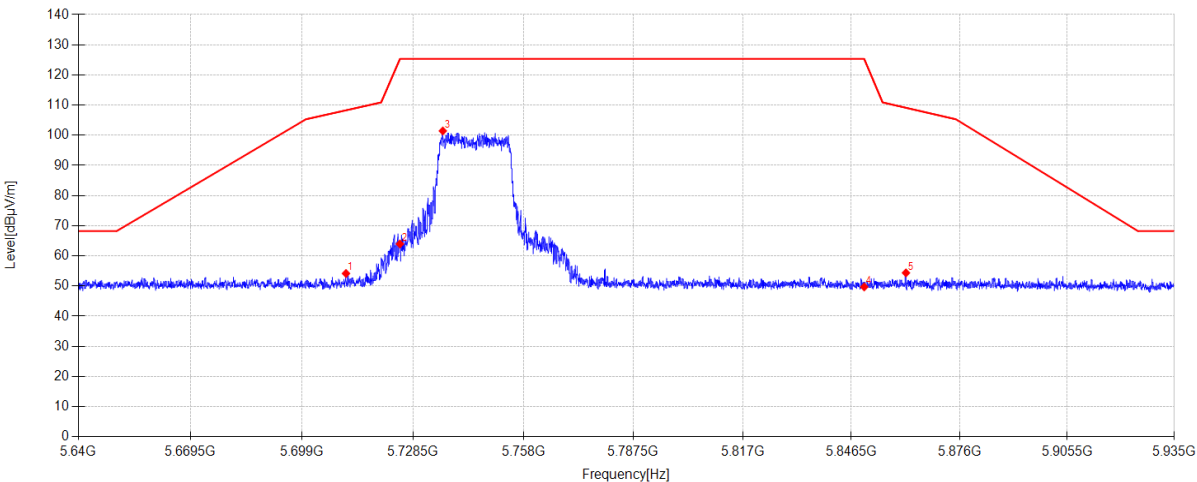
File Path:

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Memo:

Sample Number: S24111520-010

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5710.653    | 44.45            | 33.66               | 5.65            | -29.60   | 54.16          | 108.28         | 54.12       | PK       | Vertical |
| 2         | 5725.000    | 54.15            | 33.75               | 5.66            | -29.60   | 63.96          | 125.30         | 61.34       | PK       | Vertical |
| 3         | 5736.436    | 91.54            | 33.82               | 5.67            | -29.60   | 101.43         | 125.30         | 23.87       | PK       | Vertical |
| 4         | 5850.000    | 39.56            | 34.00               | 5.74            | -29.60   | 49.70          | 125.30         | 75.60       | PK       | Vertical |
| 5         | 5861.368    | 44.20            | 34.02               | 5.75            | -29.60   | 54.37          | 109.12         | 54.75       | 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:

2025-01-20

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

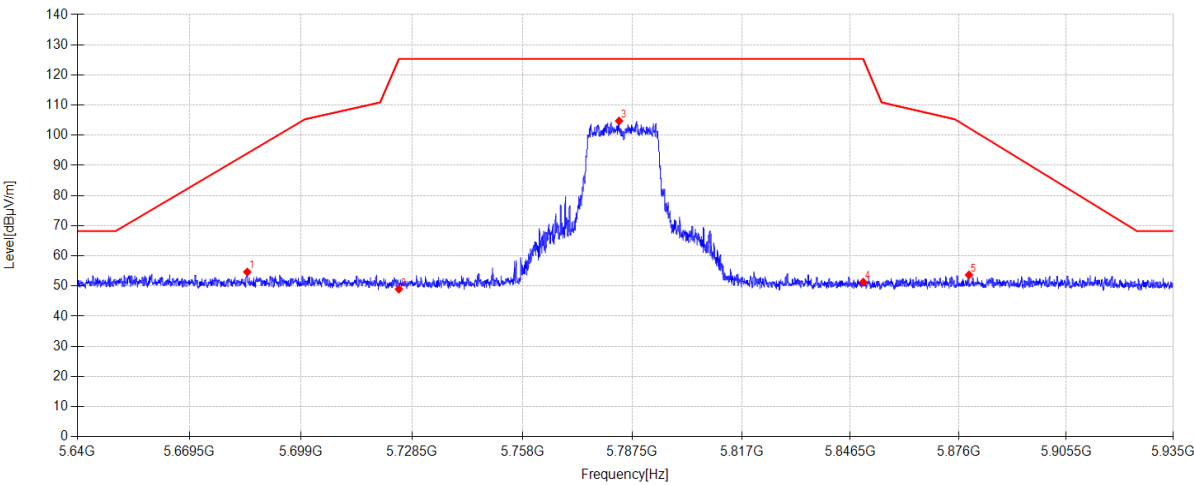
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\17

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         | 5684.752    | 45.10            | 33.54               | 5.63            | -29.60   | 54.67          | 93.99          | 39.32       | PK       | Horizontal |
| 2         | 5725.000    | 39.16            | 33.75               | 5.66            | -29.60   | 48.97          | 125.30         | 76.33       | PK       | Horizontal |
| 3         | 5783.931    | 94.53            | 34.10               | 5.70            | -29.60   | 104.73         | 125.30         | 20.57       | PK       | Horizontal |
| 4         | 5850.000    | 41.15            | 34.00               | 5.74            | -29.60   | 51.29          | 125.30         | 74.01       | PK       | Horizontal |
| 5         | 5878.862    | 43.48            | 34.06               | 5.76            | -29.60   | 53.70          | 102.43         | 48.73       | PK       | Horizontal |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

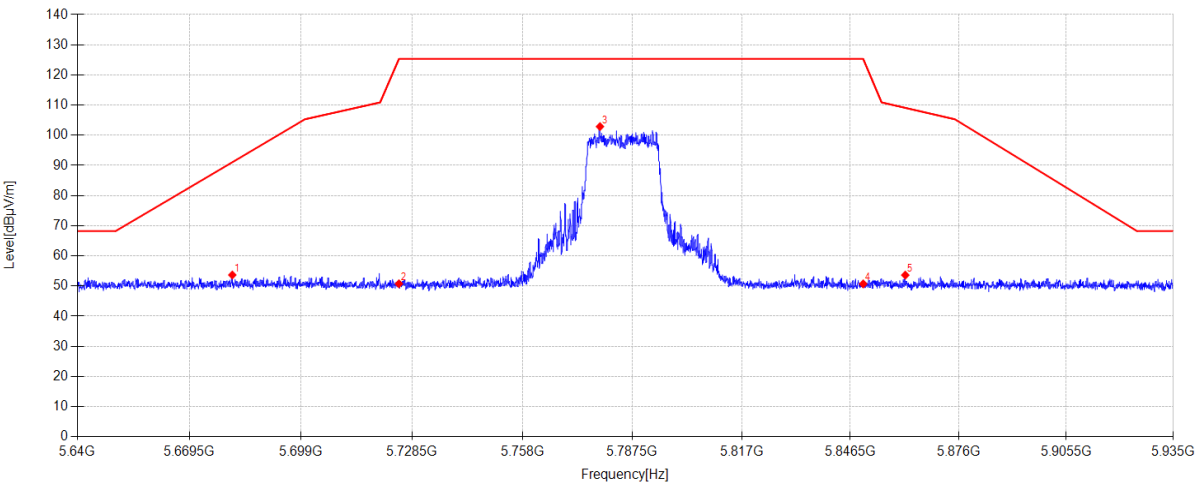
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\18

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         | 5680.799    | 44.12            | 33.52               | 5.63            | -29.60   | 53.67          | 91.05          | 37.38       | PK       | Vertical |
| 2         | 5725.000    | 40.93            | 33.75               | 5.66            | -29.60   | 50.74          | 125.30         | 74.56       | PK       | Vertical |
| 3         | 5778.798    | 92.72            | 34.07               | 5.69            | -29.60   | 102.88         | 125.30         | 22.42       | PK       | Vertical |
| 4         | 5850.000    | 40.56            | 34.00               | 5.74            | -29.60   | 50.70          | 125.30         | 74.60       | PK       | Vertical |
| 5         | 5861.457    | 43.45            | 34.02               | 5.75            | -29.60   | 53.62          | 109.09         | 55.47       | 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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

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

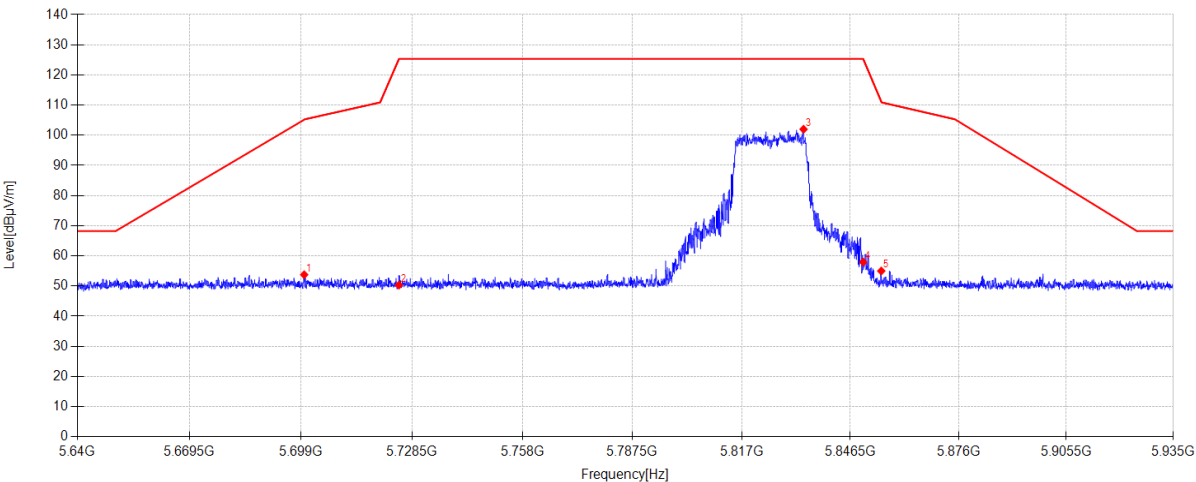
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\19

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         | 5699.826    | 44.11            | 33.60               | 5.64            | -29.60   | 53.75          | 105.17         | 51.42       | PK       | Vertical |
| 2         | 5725.000    | 40.50            | 33.75               | 5.66            | -29.60   | 50.31          | 125.30         | 74.99       | PK       | Vertical |
| 3         | 5833.786    | 91.81            | 34.06               | 5.73            | -29.60   | 102.00         | 125.30         | 23.30       | PK       | Vertical |
| 4         | 5850.000    | 47.81            | 34.00               | 5.74            | -29.60   | 57.95          | 125.30         | 67.35       | PK       | Vertical |
| 5         | 5854.908    | 44.84            | 34.01               | 5.74            | -29.60   | 54.99          | 111.17         | 56.18       | 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:

2025-01-20

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

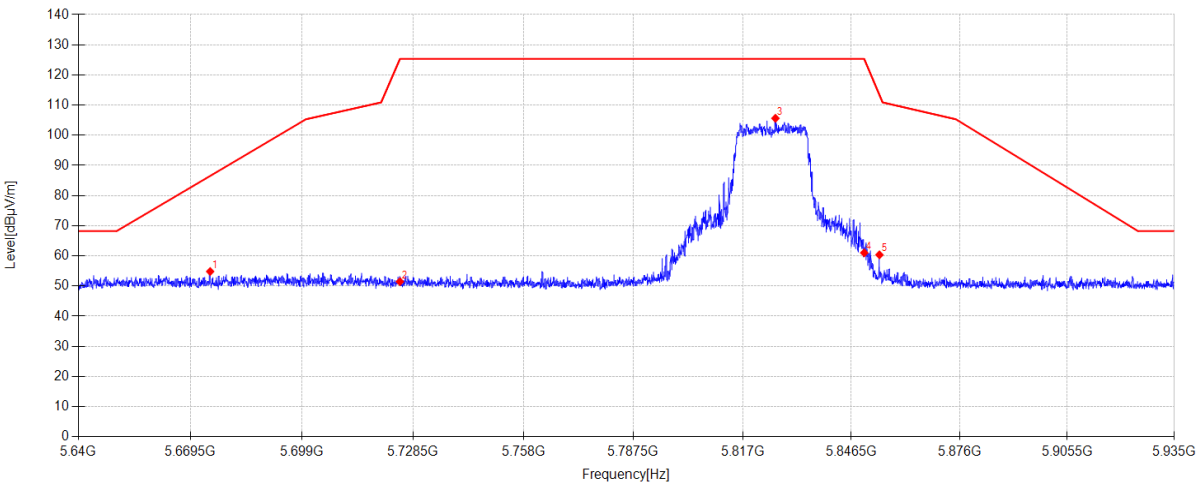
File Path:

d:\ts\2024 report data\BAR 1300 Left Surround\0120 5G SRD\20

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         | 5674.692    | 45.30            | 33.50               | 5.63            | -29.60   | 54.83          | 86.52          | 31.69       | PK       | Horizontal |
| 2         | 5725.000    | 41.64            | 33.75               | 5.66            | -29.60   | 51.45          | 125.30         | 73.85       | PK       | Horizontal |
| 3         | 5825.880    | 95.40            | 34.10               | 5.73            | -29.60   | 105.63         | 125.30         | 19.67       | PK       | Horizontal |
| 4         | 5850.000    | 50.87            | 34.00               | 5.74            | -29.60   | 61.01          | 125.30         | 64.29       | PK       | Horizontal |
| 5         | 5854.141    | 50.20            | 34.01               | 5.74            | -29.60   | 60.35          | 113.38         | 53.03       | 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.

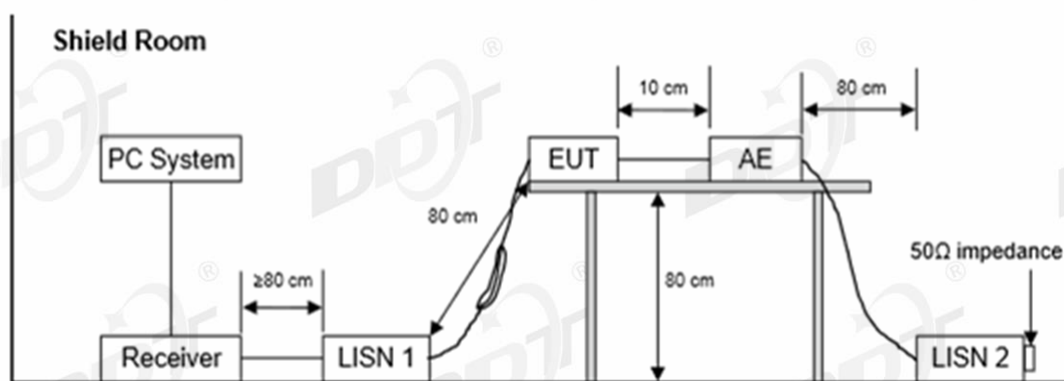


## 15. Power Line Conducted Emissions

### 15.1. Test equipment

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

### 15.2. Block diagram of test setup



### 15.3. Limits

| Frequency       | Quasi-Peak Level<br>dB(uV) | Average Level<br>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

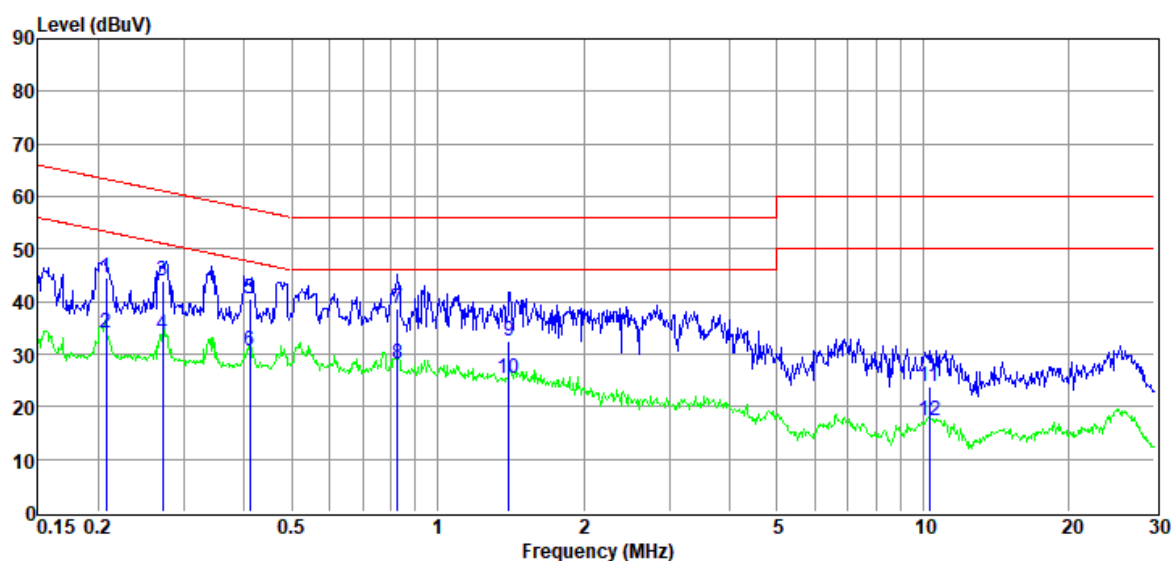
Test Mode : Tx mode

Condition : Temp:21.7°C,Humi:56.8%

LISN : 2023 ENV216 2#/LINE

Memo : Sample Number: S24111520-010

Data: 42



| Item   | Freq. | Read Level | LISN Factor | Cable Loss | Pulse Limiter Factor | Result Level | Limit Line | Over Limit | Detector | Phase |
|--------|-------|------------|-------------|------------|----------------------|--------------|------------|------------|----------|-------|
| (Mark) | (MHz) | (dBuV)     | (dB)        | (dB)       | (dB)                 | (dBuV)       | (dBuV)     | (dB)       |          |       |
| 1      | 0.21  | 24.32      | 9.93        | 0.09       | 10.06                | 44.40        | 63.32      | -18.92     | QP       | LINE  |
| 2      | 0.21  | 14.08      | 9.93        | 0.09       | 10.06                | 34.16        | 53.32      | -19.16     | Average  | LINE  |
| 3      | 0.27  | 23.75      | 9.95        | 0.09       | 10.06                | 43.85        | 61.07      | -17.22     | QP       | LINE  |
| 4      | 0.27  | 13.63      | 9.95        | 0.09       | 10.06                | 33.73        | 51.07      | -17.34     | Average  | LINE  |
| 5      | 0.41  | 20.43      | 10.01       | 0.10       | 10.07                | 40.61        | 57.64      | -17.03     | QP       | LINE  |
| 6      | 0.41  | 10.40      | 10.01       | 0.10       | 10.07                | 30.58        | 47.64      | -17.06     | Average  | LINE  |
| 7      | 0.83  | 18.45      | 9.97        | 0.10       | 10.06                | 38.58        | 56.00      | -17.42     | QP       | LINE  |
| 8      | 0.83  | 8.13       | 9.97        | 0.10       | 10.06                | 28.26        | 46.00      | -17.74     | Average  | LINE  |
| 9      | 1.40  | 12.27      | 9.99        | 0.13       | 10.05                | 32.44        | 56.00      | -23.56     | QP       | LINE  |
| 10     | 1.40  | 5.31       | 9.99        | 0.13       | 10.05                | 25.48        | 46.00      | -20.52     | Average  | LINE  |
| 11     | 10.29 | 3.35       | 10.02       | 0.24       | 10.06                | 23.67        | 60.00      | -36.33     | QP       | LINE  |
| 12     | 10.29 | -2.88      | 10.02       | 0.24       | 10.06                | 17.44        | 50.00      | -32.56     | 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

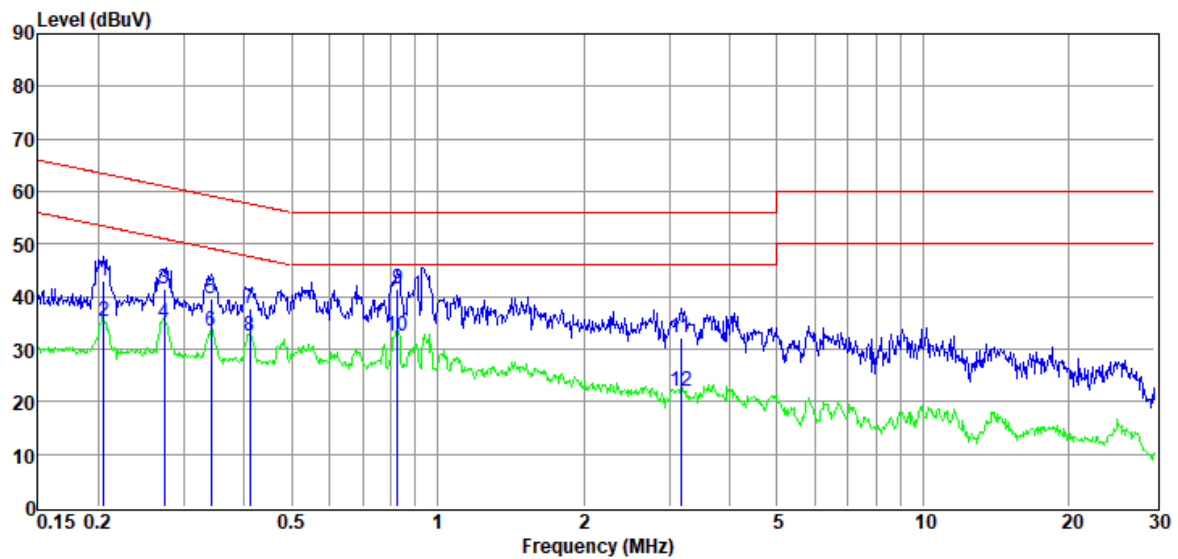
**Test Mode** : Tx mode

**Condition** : Temp:21.7°C,Humi:56.8%

**LISN** : 2023 ENV216 2#/NEUTRAL

**Memo** : Sample Number: S24111520-010

Data: 44



| Item<br>(Mark) | Freq.<br>(MHz) | Read Level<br>(dBμV) | LISN Factor<br>(dB) | Cable Loss<br>(dB) | Pulse Limiter Factor<br>(dB) | Result Level<br>(dBμV) | Limit Line<br>(dBμV) | Over Limit<br>(dB) | Detector | Phase   |
|----------------|----------------|----------------------|---------------------|--------------------|------------------------------|------------------------|----------------------|--------------------|----------|---------|
| 1              | 0.21           | 23.06                | 9.92                | 0.09               | 10.06                        | 43.13                  | 63.40                | -20.27             | QP       | NEUTRAL |
| 2              | 0.21           | 15.08                | 9.92                | 0.09               | 10.06                        | 35.15                  | 53.40                | -18.25             | Average  | NEUTRAL |
| 3              | 0.27           | 21.41                | 9.97                | 0.09               | 10.06                        | 41.53                  | 61.03                | -19.50             | QP       | NEUTRAL |
| 4              | 0.27           | 14.73                | 9.97                | 0.09               | 10.06                        | 34.85                  | 51.03                | -16.18             | Average  | NEUTRAL |
| 5              | 0.34           | 19.26                | 10.04               | 0.09               | 10.07                        | 39.46                  | 59.18                | -19.72             | QP       | NEUTRAL |
| 6              | 0.34           | 13.09                | 10.04               | 0.09               | 10.07                        | 33.29                  | 49.18                | -15.89             | Average  | NEUTRAL |
| 7              | 0.41           | 17.59                | 10.02               | 0.10               | 10.07                        | 37.78                  | 57.64                | -19.86             | QP       | NEUTRAL |
| 8              | 0.41           | 12.16                | 10.02               | 0.10               | 10.07                        | 32.35                  | 47.64                | -15.29             | Average  | NEUTRAL |
| 9              | 0.83           | 21.22                | 9.99                | 0.10               | 10.06                        | 41.37                  | 56.00                | -14.63             | QP       | NEUTRAL |
| 10             | 0.83           | 12.19                | 9.99                | 0.10               | 10.06                        | 32.34                  | 46.00                | -13.66             | Average  | NEUTRAL |
| 11             | 3.17           | 12.02                | 10.06               | 0.17               | 10.06                        | 32.31                  | 56.00                | -23.69             | QP       | NEUTRAL |
| 12             | 3.17           | 1.77                 | 10.06               | 0.17               | 10.06                        | 22.06                  | 46.00                | -23.94             | 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-----