

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

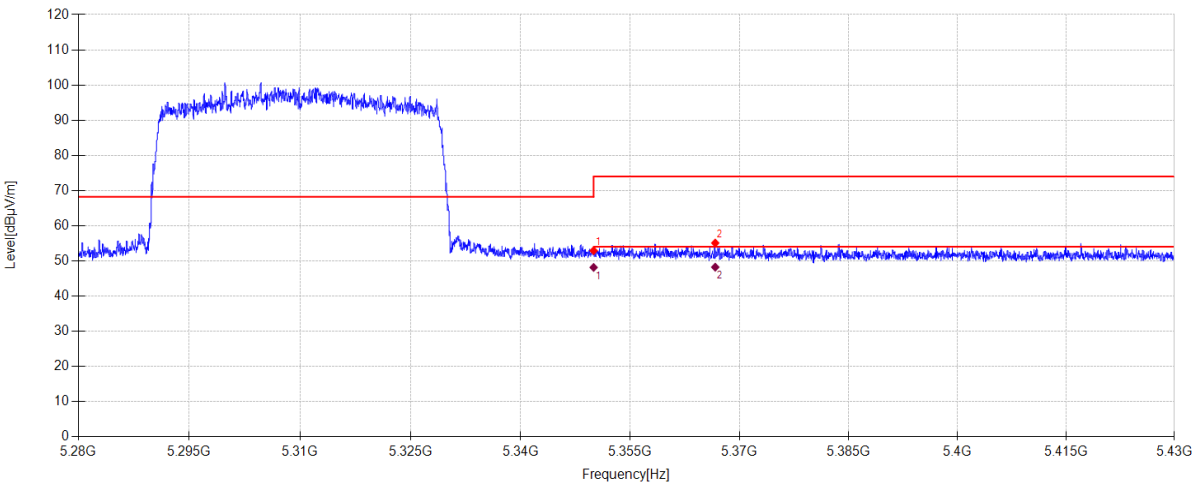
File Path:

d:\ts\2024 report data\Q24111413-1E\1128\27

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5350.000    | 44.00            | 33.10               | 5.41            | -29.60   | 52.91          | 68.20          | 15.29       | PK       | Horizontal |
| 2         | 5366.655    | 46.16            | 33.10               | 5.42            | -29.60   | 55.08          | 74.00          | 18.92       | PK       | Horizontal |

| Data List |             |                  |                     |                 |                |                |             |          |            |  |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|--|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |  |
| 1         | 5350.000    | 39.24            | 33.10               | 5.41            | 48.15          | 54             | 5.85        | AV       | Horizontal |  |
| 2         | 5366.655    | 39.31            | 33.10               | 5.42            | 48.23          | 54             | 5.77        | AV       | Horizontal |  |

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5310 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

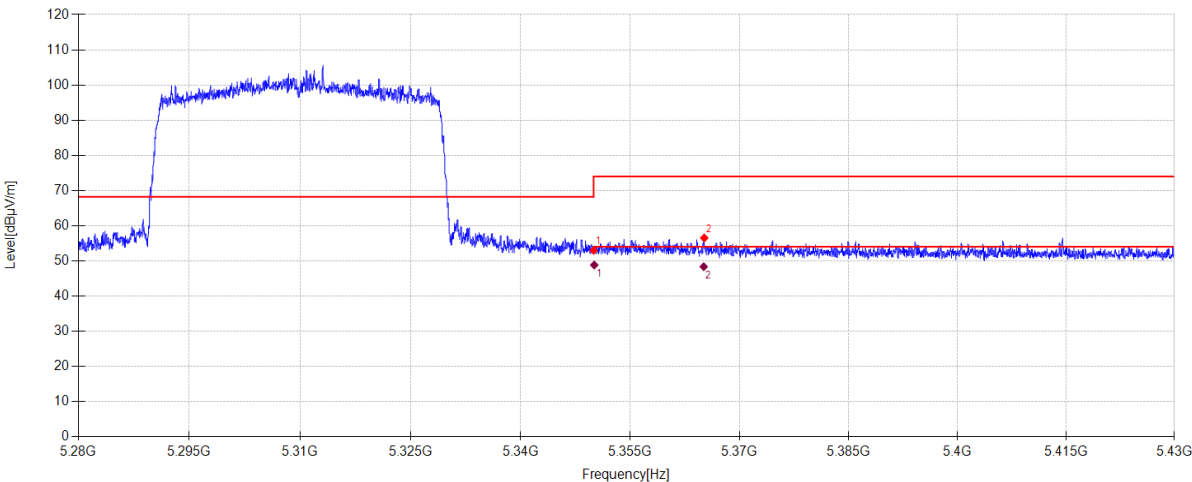
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Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5350.000    | 44.08            | 33.10               | 5.41            | -29.60   | 52.99          | 68.20          | 15.21       | PK       | Vertical |
| 2         | 5365.155    | 47.60            | 33.10               | 5.42            | -29.60   | 56.52          | 74.00          | 17.48       | 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         | 5350.083    | 39.92            | 33.10               | 5.41            | 48.83          | 54             | 5.17        | AV       | Vertical |  |
| 2         | 5365.074    | 39.43            | 33.10               | 5.42            | 48.35          | 54             | 5.65        | AV       | Vertical |  |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

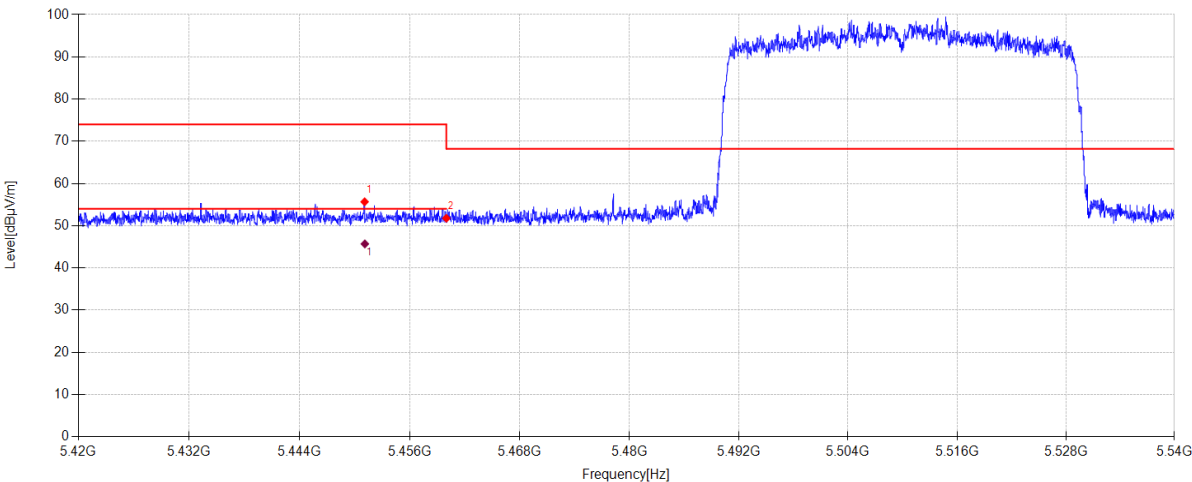
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d:\ts\2024 report data\Q24111413-1E\1128\29

Memo:

Sample Number: S24111413-008

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         | 5451.092    | 46.79            | 33.00               | 5.48            | -29.60   | 55.67          | 74.00          | 18.33       | PK       | Horizontal |
| 2         | 5460.000    | 42.89            | 33.00               | 5.48            | -29.60   | 51.77          | 68.20          | 16.43       | PK       | Horizontal |

| Data List |             |                  |                     |                 |                |                |             |          |            |  |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|--|
| NO        | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |  |
| 1         | 5451.118    | 36.81            | 33.00               | 5.48            | 45.69          | 54             | 8.31        | AV       | Horizontal |  |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5510 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

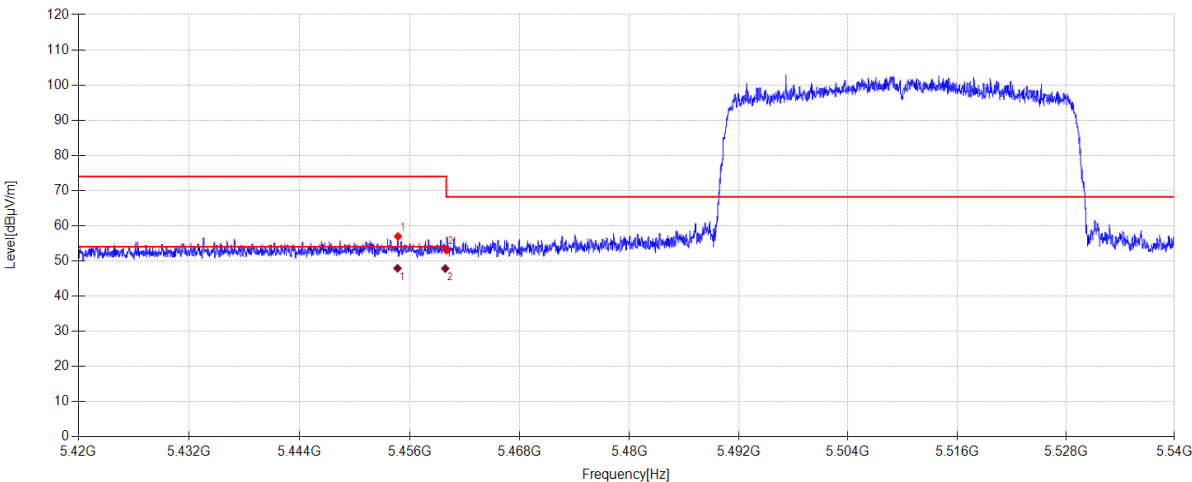
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Memo:

Sample Number: S24111413-008

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         | 5454.728    | 48.07            | 33.00               | 5.48            | -29.60   | 56.95          | 74.00          | 17.05       | PK       | Vertical |
| 2         | 5460.000    | 44.17            | 33.00               | 5.48            | -29.60   | 53.05          | 68.20          | 15.15       | PK       | Vertical |

| Data List |             |                  |                     |                 |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|----------|
| NO        | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5454.677    | 39.02            | 33.00               | 5.48            | 47.90          | 54             | 6.10        | AV       | Vertical |
| 2         | 5459.880    | 38.95            | 33.00               | 5.48            | 47.83          | 54             | 6.17        | AV       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

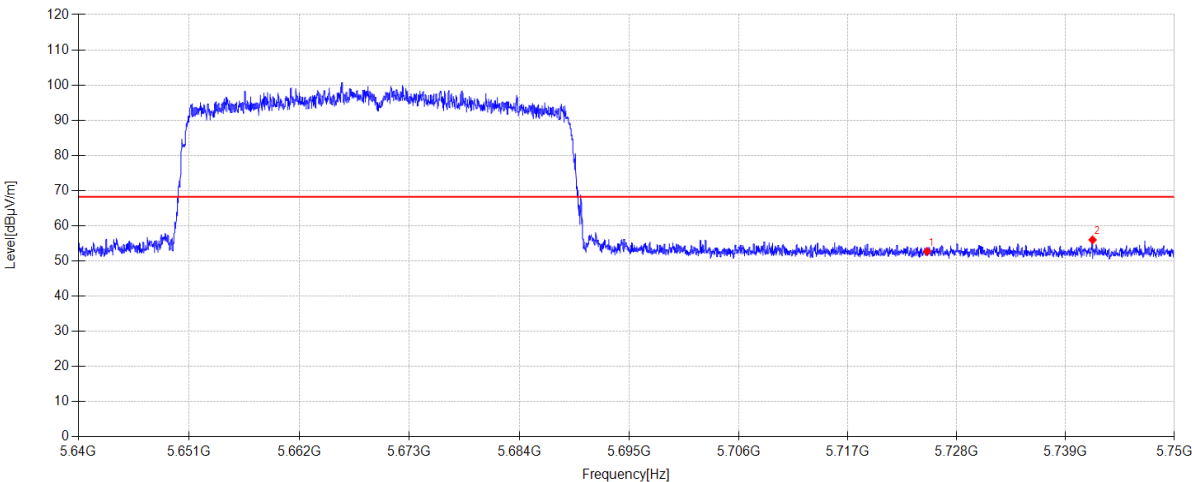
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Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5725.000    | 42.89            | 33.75               | 5.66            | -29.60   | 52.70          | 68.20          | 15.50       | PK       | Horizontal |
| 2         | 5741.717    | 46.07            | 33.85               | 5.67            | -29.60   | 55.99          | 68.20          | 12.21       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-29

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5670 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:57.4%

Test Site:

DDT 3# Chamber

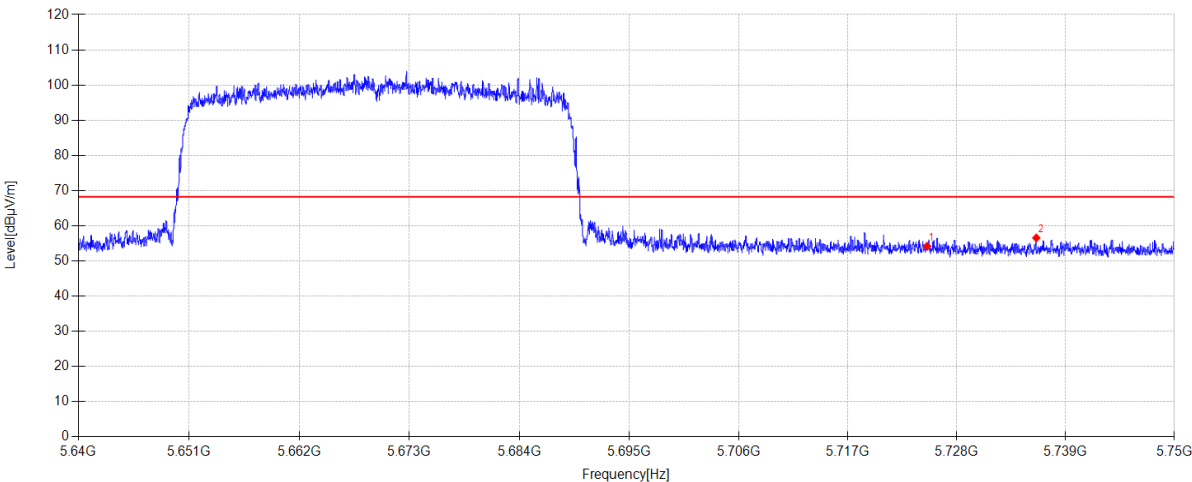
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Memo:

Sample Number: S24111413-008

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    | 44.36            | 33.75               | 5.66            | -29.60   | 54.17          | 68.20          | 14.03       | PK       | Vertical |
| 2         | 5736.030    | 46.64            | 33.82               | 5.67            | -29.60   | 56.53          | 68.20          | 11.67       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX40 5710 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

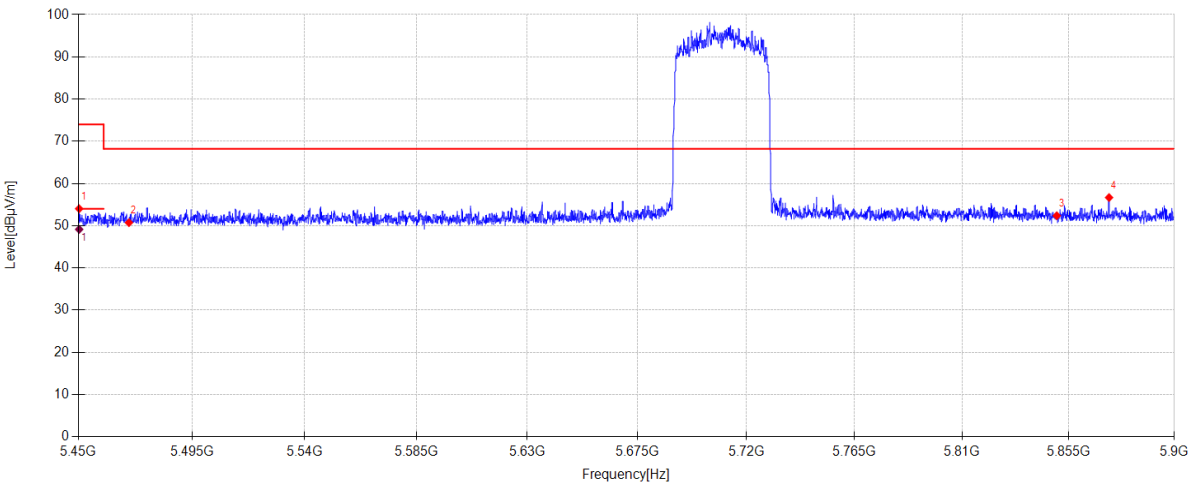
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d:\ts\2024 report data\BAR500\KUAYUE\17

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5450.315    | 45.15            | 33.00               | 5.48            | -29.60   | 54.03          | 74.00          | 19.97       | PK       | Horizontal |
| 2         | 5470.000    | 41.84            | 33.00               | 5.49            | -29.60   | 50.73          | 68.20          | 17.47       | PK       | Horizontal |
| 3         | 5850.000    | 42.23            | 34.00               | 5.74            | -29.60   | 52.37          | 68.20          | 15.83       | PK       | Horizontal |
| 4         | 5872.190    | 46.47            | 34.04               | 5.76            | -29.60   | 56.67          | 68.20          | 11.53       | 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         | 5450.315    | 40.26            | 33.00               | 5.48            | 49.14          | 54             | 4.86        | AV       | Horizontal |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX40 5710 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

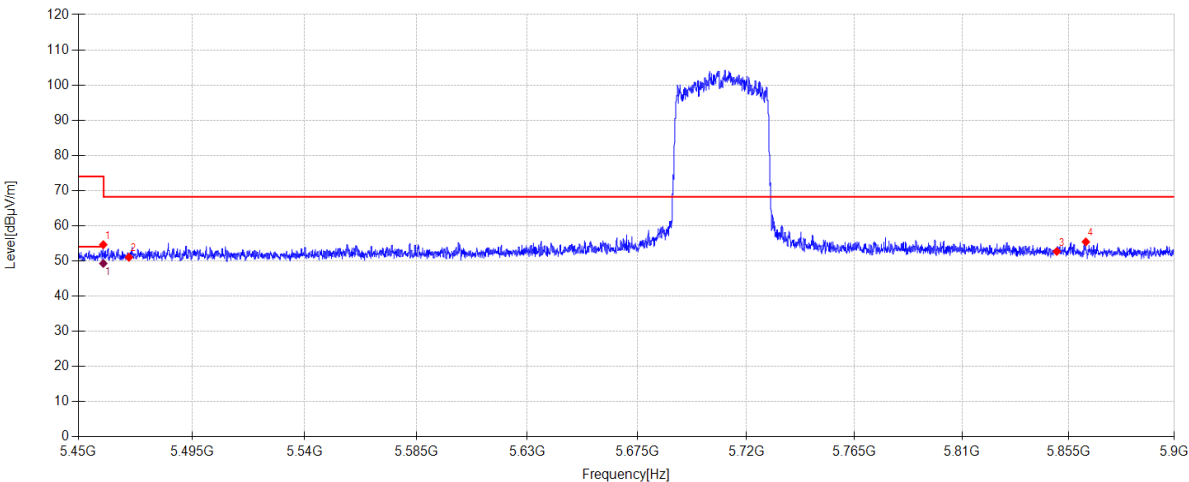
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Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5459.855    | 45.74            | 33.00               | 5.48            | -29.60   | 54.62          | 74.00          | 19.38       | PK       | Vertical |
| 2         | 5470.000    | 42.13            | 33.00               | 5.49            | -29.60   | 51.02          | 68.20          | 17.18       | PK       | Vertical |
| 3         | 5850.000    | 42.55            | 34.00               | 5.74            | -29.60   | 52.69          | 68.20          | 15.51       | PK       | Vertical |
| 4         | 5862.335    | 45.24            | 34.02               | 5.75            | -29.60   | 55.41          | 68.20          | 12.79       | 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         | 5459.855    | 40.39            | 33.00               | 5.48            | 49.27          | 54             | 4.73        | AV       | Vertical |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5210 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

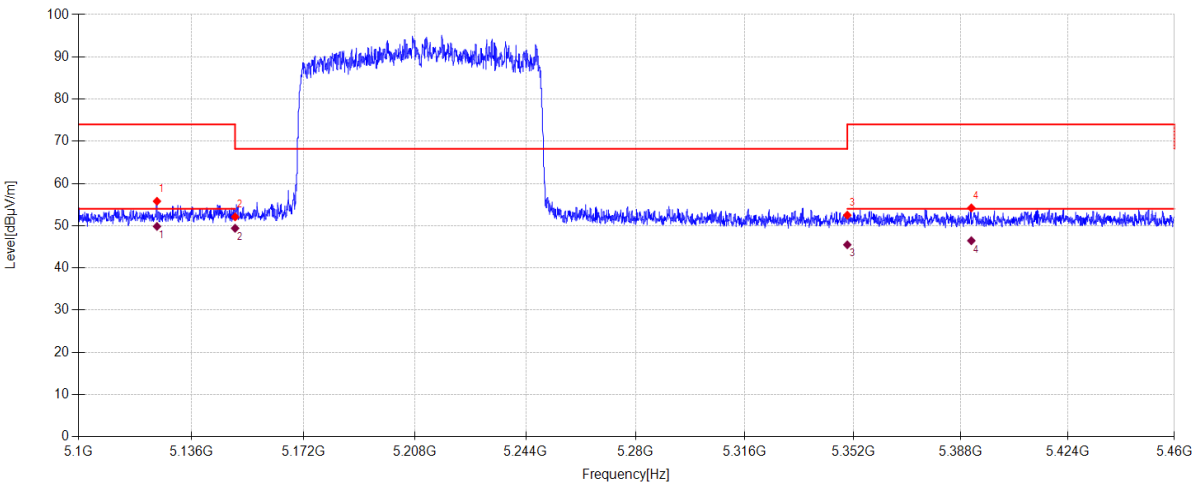
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\107

Memo:

Sample Number: S24111413-008

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         | 5125.020    | 46.74            | 33.40               | 5.26            | -29.60   | 55.80          | 74.00          | 18.20       | PK       | Horizontal |
| 2         | 5150.000    | 43.01            | 33.40               | 5.28            | -29.60   | 52.09          | 68.20          | 16.11       | PK       | Horizontal |
| 3         | 5350.000    | 43.59            | 33.10               | 5.41            | -29.60   | 52.50          | 68.20          | 15.70       | PK       | Horizontal |
| 4         | 5391.456    | 45.28            | 33.10               | 5.44            | -29.60   | 54.22          | 74.00          | 19.78       | 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         | 5125.020    | 40.78            | 33.40               | 5.26            | 49.84          | 54             | 4.16        | AV       | Horizontal |
| 2         | 5150.000    | 40.32            | 33.40               | 5.28            | 49.40          | 54             | 4.60        | AV       | Horizontal |
| 3         | 5350.000    | 36.58            | 33.10               | 5.41            | 45.49          | 54             | 8.51        | AV       | Horizontal |
| 4         | 5391.456    | 37.51            | 33.10               | 5.44            | 46.45          | 54             | 7.55        | AV       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5210 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

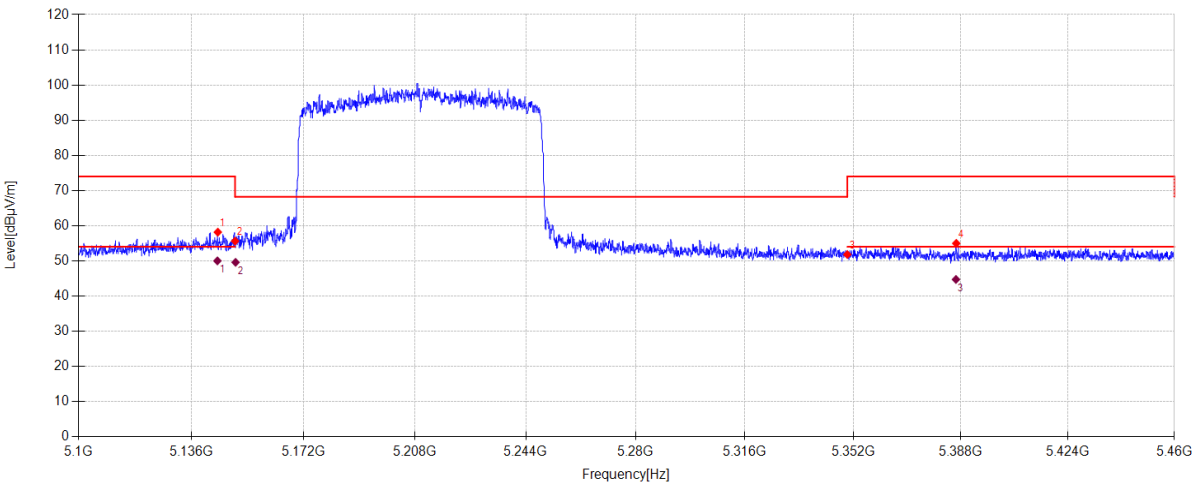
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d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\108

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5144.460    | 49.09            | 33.40               | 5.28            | -29.60   | 58.17          | 74.00          | 15.83       | PK       | Vertical |
| 2         | 5150.000    | 46.56            | 33.40               | 5.28            | -29.60   | 55.64          | 68.20          | 12.56       | PK       | Vertical |
| 3         | 5350.000    | 42.90            | 33.10               | 5.41            | -29.60   | 51.81          | 68.20          | 16.39       | PK       | Vertical |
| 4         | 5386.416    | 46.04            | 33.10               | 5.44            | -29.60   | 54.98          | 74.00          | 19.02       | PK       | Vertical |

| Data List |             |                  |                     |                 |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5144.323    | 40.93            | 33.40               | 5.28            | 50.01          | 54             | 3.99        | AV       | Vertical |
| 2         | 5150.146    | 40.52            | 33.40               | 5.28            | 49.60          | 54             | 4.40        | AV       | Vertical |
| 3         | 5386.297    | 35.79            | 33.10               | 5.44            | 44.73          | 54             | 9.27        | AV       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5290 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

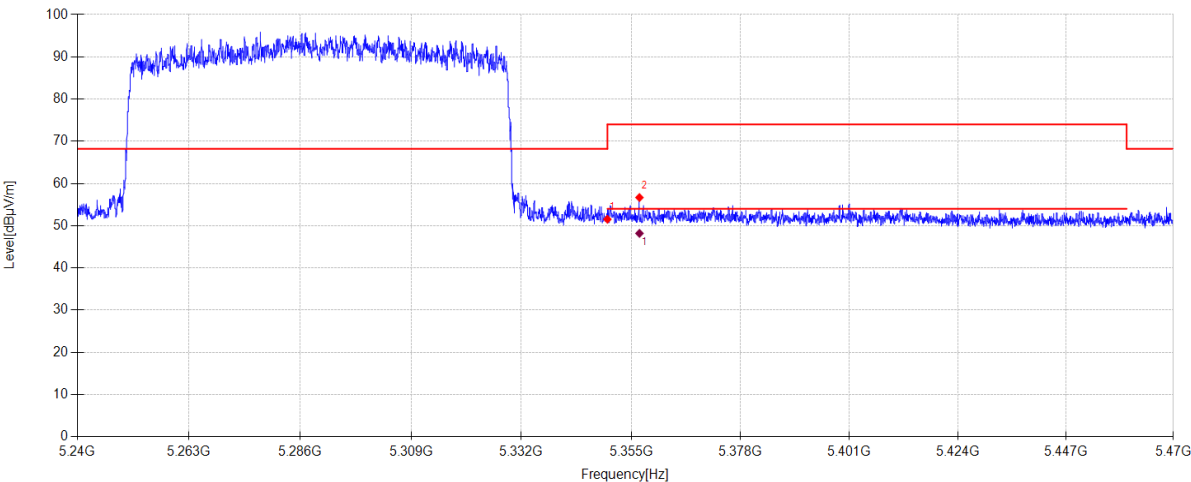
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Memo:

Sample Number: S24111413-008

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    | 42.62            | 33.10               | 5.41            | -29.60   | 51.53          | 68.20          | 16.67       | PK       | Horizontal |
| 2         | 5356.725    | 47.76            | 33.10               | 5.42            | -29.60   | 56.68          | 74.00          | 17.32       | 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         | 5356.725    | 39.27            | 33.10               | 5.42            | 48.19          | 54             | 5.81        | AV       | Horizontal |  |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5290 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

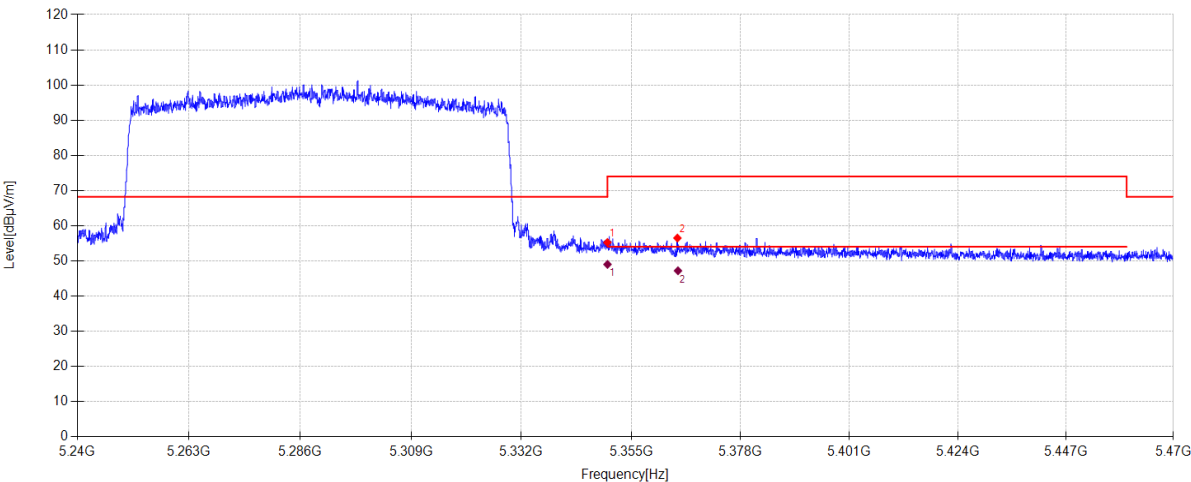
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\110

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5350.000    | 46.34            | 33.10               | 5.41            | -29.60   | 55.25          | 68.20          | 12.95       | PK       | Vertical |
| 2         | 5364.706    | 47.57            | 33.10               | 5.42            | -29.60   | 56.49          | 74.00          | 17.51       | 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         | 5350.021    | 40.10            | 33.10               | 5.41            | 49.01          | 54             | 4.99        | AV       | Vertical |
| 2         | 5364.827    | 38.27            | 33.10               | 5.42            | 47.19          | 54             | 6.81        | AV       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5530 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

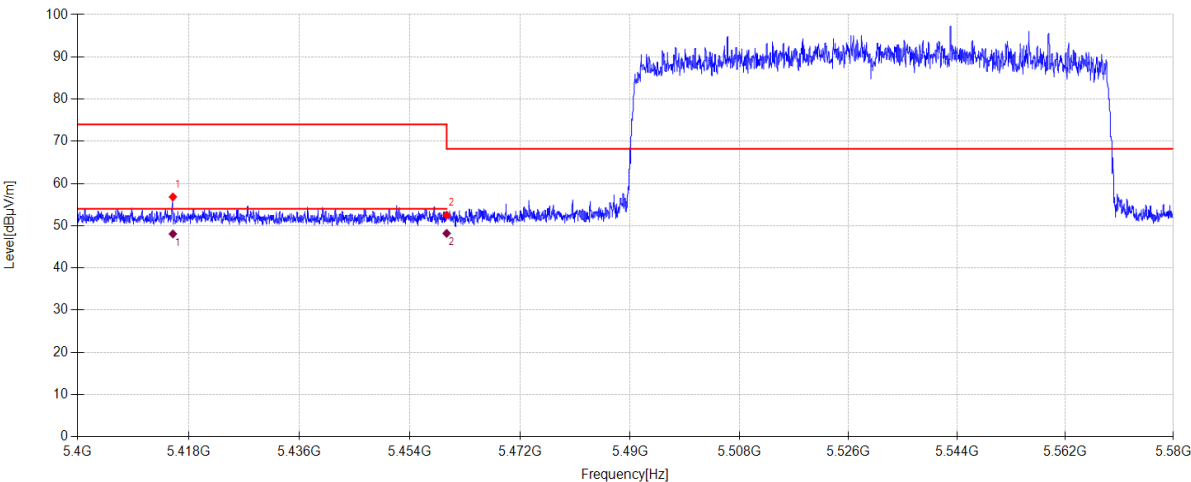
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\111

Memo:

Sample Number: S24111413-008

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         | 5415.462    | 47.90            | 33.07               | 5.45            | -29.60   | 56.82          | 74.00          | 17.18       | PK       | Horizontal |
| 2         | 5460.000    | 43.63            | 33.00               | 5.48            | -29.60   | 52.51          | 68.20          | 15.69       | 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         | 5415.462    | 39.14            | 33.07               | 5.45            | 48.06          | 54             | 5.94        | AV       | Horizontal |  |
| 2         | 5460.000    | 39.31            | 33.00               | 5.48            | 48.19          | 54             | 5.81        | AV       | Horizontal |  |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5530 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

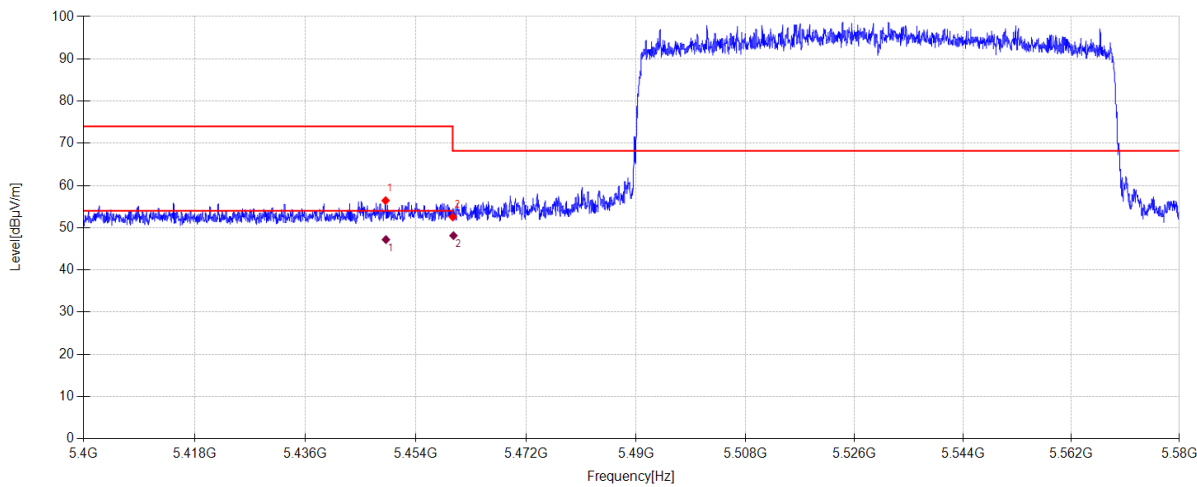
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\112

Memo:

Sample Number: S24111413-008

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         | 5449.050    | 47.55            | 33.00               | 5.48            | -29.60   | 56.43          | 74.00          | 17.57       | PK       | Vertical |
| 2         | 5460.000    | 43.68            | 33.00               | 5.48            | -29.60   | 52.56          | 68.20          | 15.64       | 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         | 5449.103    | 38.31            | 33.00               | 5.48            | 47.19          | 54             | 6.81        | AV       | Vertical |  |
| 2         | 5460.131    | 39.24            | 33.00               | 5.48            | 48.12          | 54             | 5.88        | AV       | Vertical |  |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5610 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

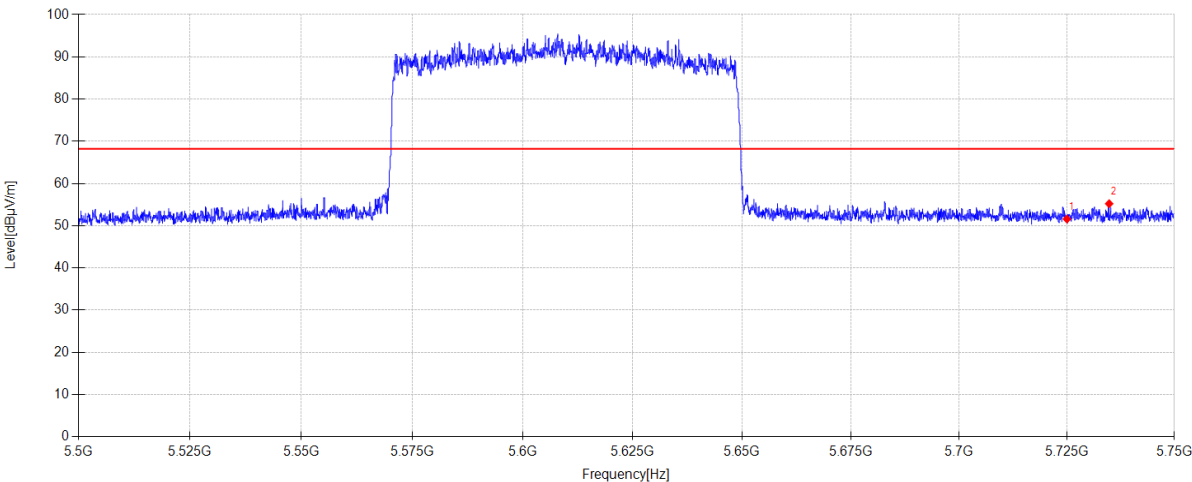
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5G\113

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5725.000    | 41.77            | 33.75               | 5.66            | -29.60   | 51.58          | 68.20          | 16.62       | PK       | Horizontal |
| 2         | 5734.825    | 45.35            | 33.81               | 5.66            | -29.60   | 55.22          | 68.20          | 12.98       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5610 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

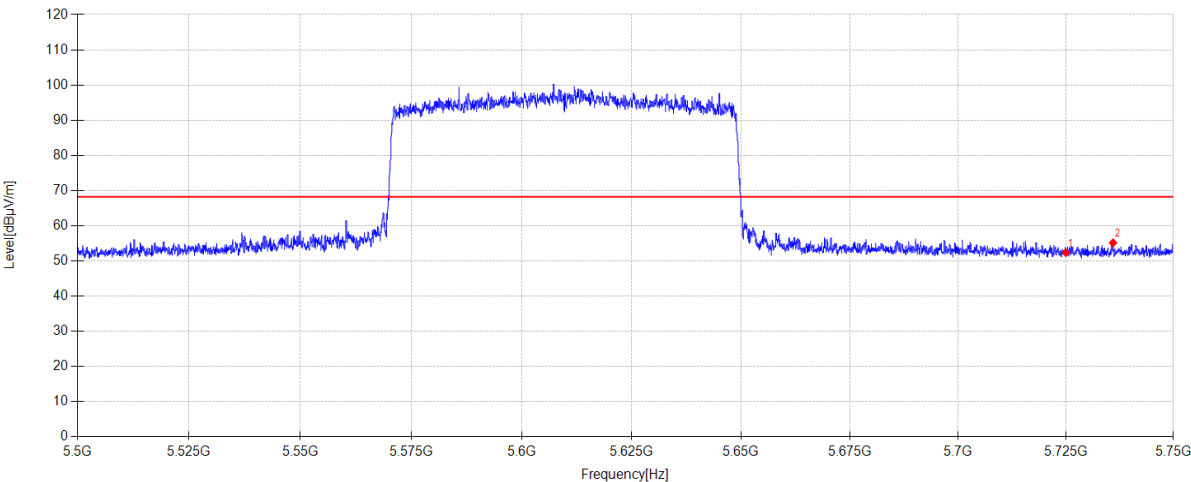
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Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5725.000    | 42.54            | 33.75               | 5.66            | -29.60   | 52.35          | 68.20          | 15.85       | PK       | Vertical |
| 2         | 5735.950    | 45.26            | 33.82               | 5.67            | -29.60   | 55.15          | 68.20          | 13.05       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX80 5690 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

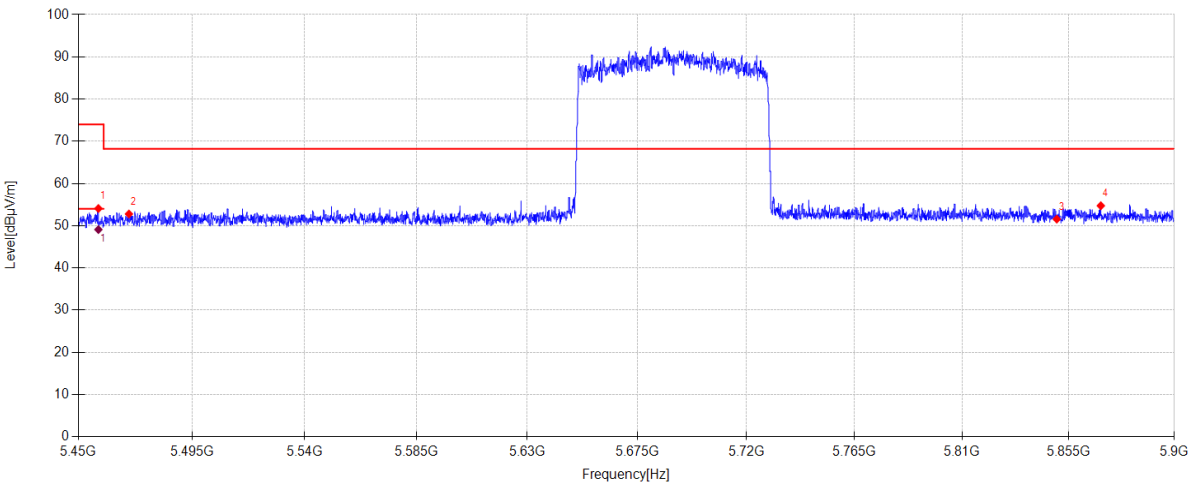
File Path:

d:\ts\2024 report data\BAR500\KUAYUE\19

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5457.920    | 45.20            | 33.00               | 5.48            | -29.60   | 54.08          | 74.00          | 19.92       | PK       | Horizontal |
| 2         | 5470.000    | 43.89            | 33.00               | 5.49            | -29.60   | 52.78          | 68.20          | 15.42       | PK       | Horizontal |
| 3         | 5850.000    | 41.42            | 34.00               | 5.74            | -29.60   | 51.56          | 68.20          | 16.64       | PK       | Horizontal |
| 4         | 5868.680    | 44.55            | 34.04               | 5.75            | -29.60   | 54.74          | 68.20          | 13.46       | PK       | Horizontal |

| Data List |             |                  |                     |                 |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5457.920    | 40.21            | 33.00               | 5.48            | 49.09          | 54             | 4.91        | AV       | Horizontal |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

MIMO 11AX80 5690 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

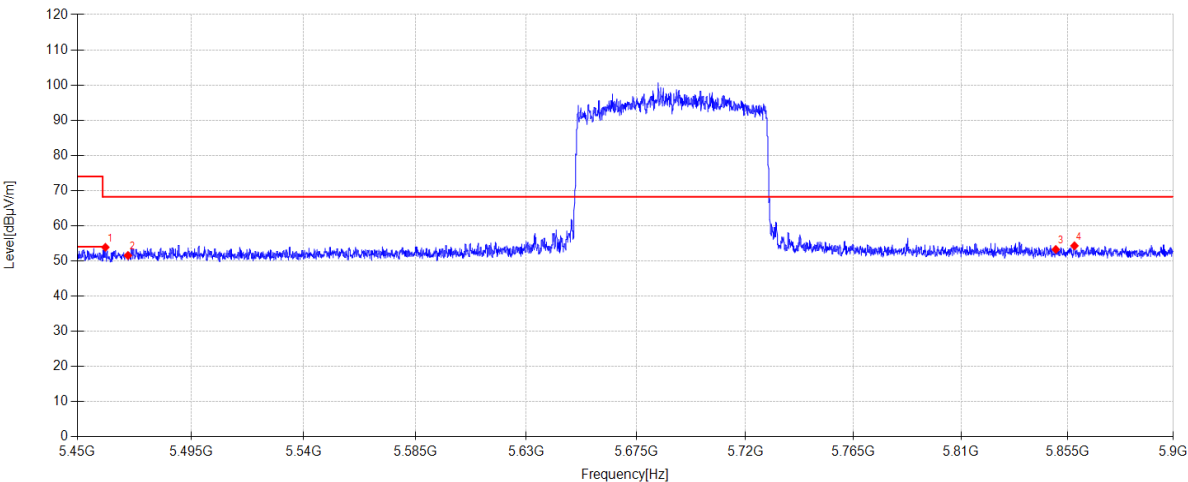
File Path:

d:\ts\2024 report data\BAR500\KUAYUE\20

Memo:

Sample Number: S24111413-008

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         | 5461.070    | 44.99            | 33.00               | 5.48            | -29.60   | 53.87          | 68.20          | 14.33       | PK       | Vertical |
| 2         | 5470.000    | 42.65            | 33.00               | 5.49            | -29.60   | 51.54          | 68.20          | 16.66       | PK       | Vertical |
| 3         | 5850.000    | 43.12            | 34.00               | 5.74            | -29.60   | 53.26          | 68.20          | 14.94       | PK       | Vertical |
| 4         | 5857.925    | 44.13            | 34.02               | 5.75            | -29.60   | 54.30          | 68.20          | 13.90       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

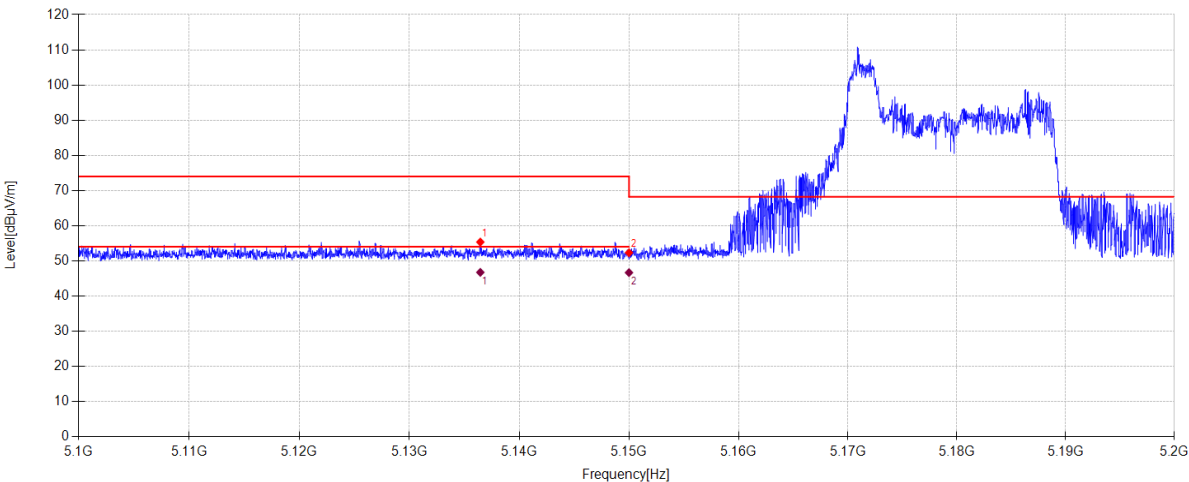
File Path:

d:\ts\2024 report data\BAR500\5G RU\1

Memo:

Sample Number: S24111413-008

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         | 5136.450    | 46.29            | 33.40               | 5.27            | -29.60   | 55.36          | 74.00          | 18.64       | PK       | Horizontal |
| 2         | 5150.000    | 43.24            | 33.40               | 5.28            | -29.60   | 52.32          | 68.20          | 15.88       | 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         | 5136.450    | 37.68            | 33.40               | 5.27            | 46.75          | 54             | 7.25        | AV       | Horizontal |  |
| 2         | 5150.000    | 37.59            | 33.40               | 5.28            | 46.67          | 54             | 7.33        | AV       | Horizontal |  |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5180 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

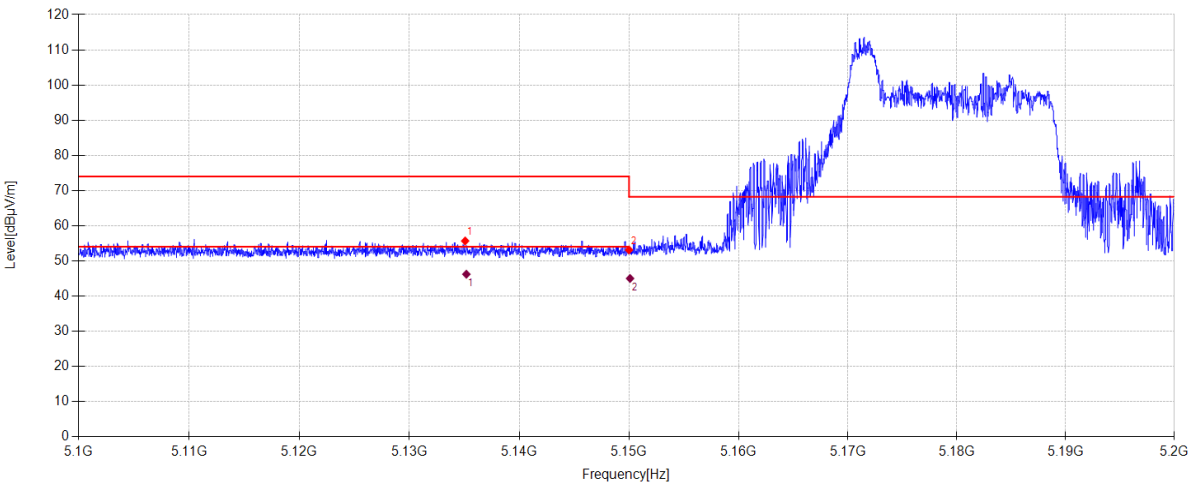
File Path:

d:\ts\2024 report data\BAR500\5G RU\2

Memo:

Sample Number: S24111413-008

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         | 5135.070    | 46.60            | 33.40               | 5.27            | -29.60   | 55.67          | 74.00          | 18.33       | PK       | Vertical |
| 2         | 5150.000    | 44.04            | 33.40               | 5.28            | -29.60   | 53.12          | 68.20          | 15.08       | 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         | 5135.180    | 37.14            | 33.40               | 5.27            | 46.21          | 54             | 7.79        | AV       | Vertical |
| 2         | 5150.097    | 35.93            | 33.40               | 5.28            | 45.01          | 54             | 8.99        | AV       | Vertical |

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

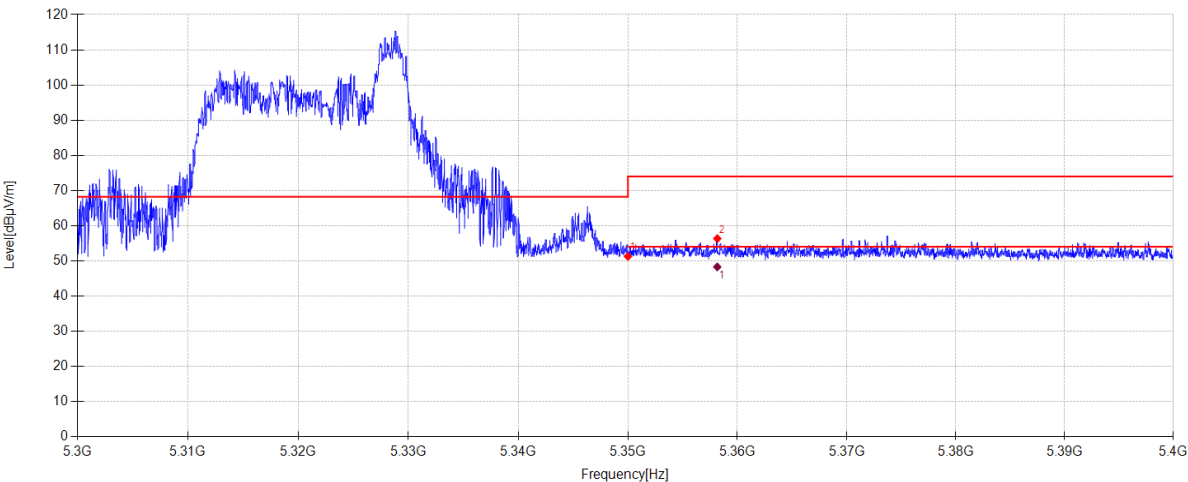
File Path:

d:\ts\2024 report data\BAR500\5G RU\3

Memo:

Sample Number: S24111413-008

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    | 42.37            | 33.10               | 5.41            | -29.60   | 51.28          | 68.20          | 16.92       | PK       | Horizontal |
| 2         | 5358.160    | 47.41            | 33.10               | 5.42            | -29.60   | 56.33          | 74.00          | 17.67       | 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         | 5358.160    | 39.37            | 33.10               | 5.42            | 48.29          | 54             | 5.71        | AV       | Horizontal |  |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5320 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

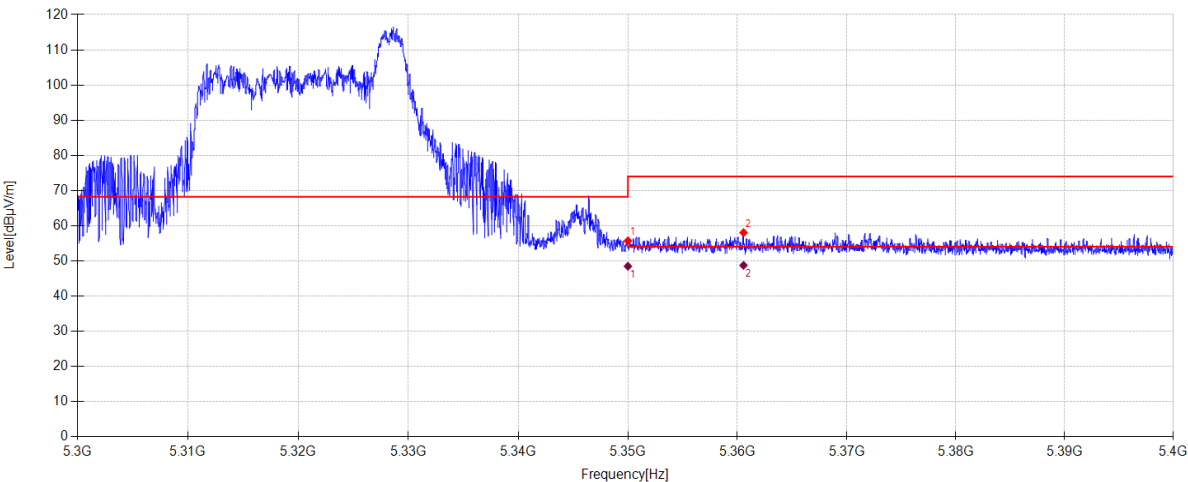
File Path:

d:\ts\2024 report data\BAR500\5G RU\4

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO        | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5350.000    | 46.82            | 33.10               | 5.41            | -29.60   | 55.73          | 68.20          | 12.47       | PK       | Vertical |
| 2         | 5360.560    | 49.12            | 33.10               | 5.42            | -29.60   | 58.04          | 74.00          | 15.96       | PK       | Vertical |

| Data List |             |                  |                     |                 |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------------|----------------|-------------|----------|----------|
| NO        | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5350.000    | 39.56            | 33.10               | 5.41            | 48.47          | 54             | 5.53        | AV       | Vertical |
| 2         | 5360.560    | 39.81            | 33.10               | 5.42            | 48.73          | 54             | 5.27        | AV       | Vertical |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

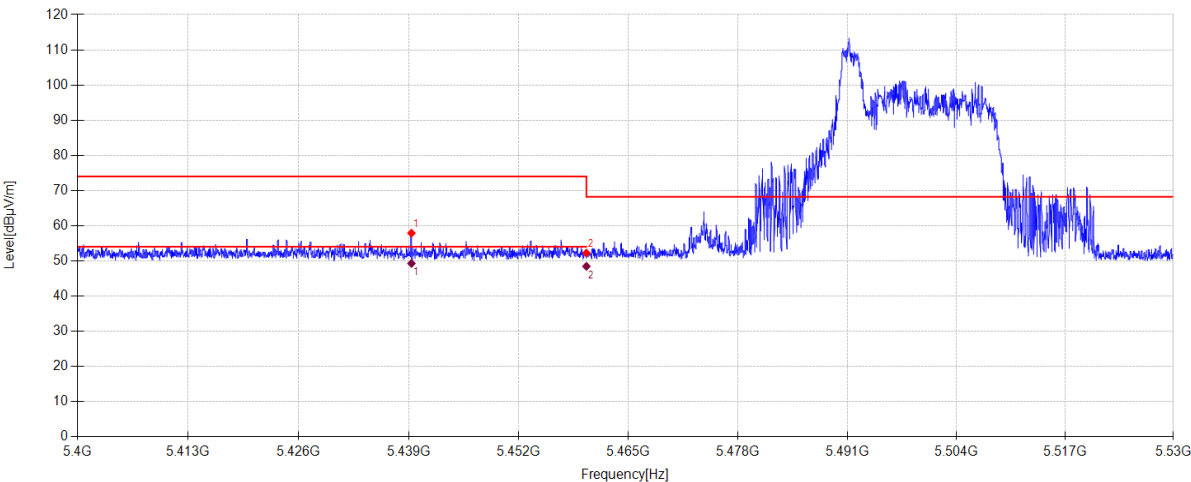
File Path:

d:\ts\2024 report data\BAR500\5G RU\5

Memo:

Sample Number: S24111413-008

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         | 5439.299    | 49.01            | 33.02               | 5.47            | -29.60   | 57.90          | 74.00          | 16.10       | PK       | Horizontal |
| 2         | 5460.000    | 43.35            | 33.00               | 5.48            | -29.60   | 52.23          | 68.20          | 15.97       | 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         | 5439.299    | 40.39            | 33.02               | 5.47            | 49.28          | 54             | 4.72        | AV       | Horizontal |  |
| 2         | 5460.000    | 39.57            | 33.00               | 5.48            | 48.45          | 54             | 5.55        | AV       | Horizontal |  |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5500 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

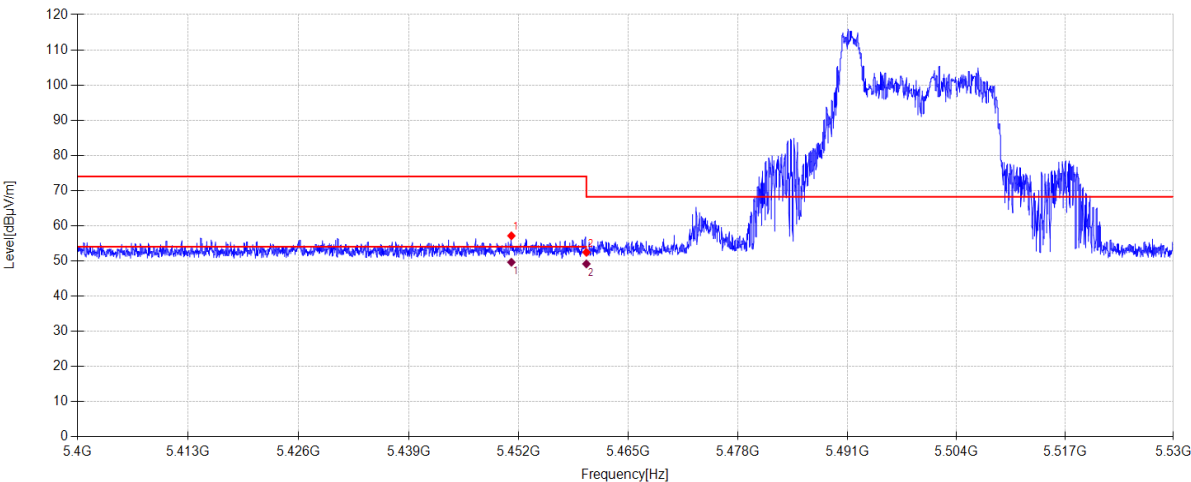
File Path:

d:\ts\2024 report data\BAR500\5G RU\6

Memo:

Sample Number: S24111413-008

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         | 5451.116    | 48.25            | 33.00               | 5.48            | -29.60   | 57.13          | 74.00          | 16.87       | PK       | Vertical |
| 2         | 5460.000    | 43.56            | 33.00               | 5.48            | -29.60   | 52.44          | 68.20          | 15.76       | 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         | 5451.116    | 40.73            | 33.00               | 5.48            | 49.61          | 54             | 4.39        | AV       | Vertical |
| 2         | 5460.000    | 40.27            | 33.00               | 5.48            | 49.15          | 54             | 4.85        | AV       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

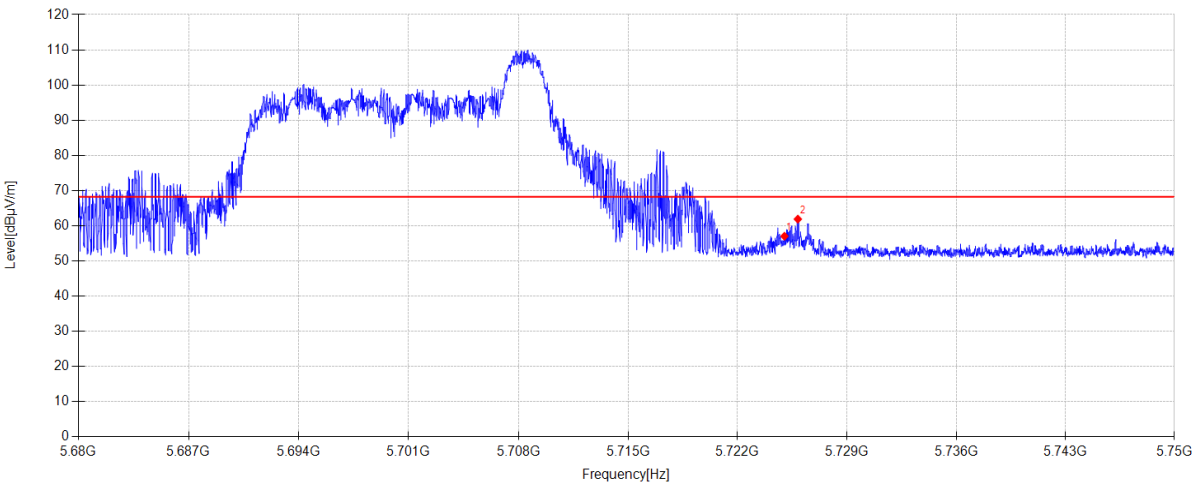
File Path:

d:\ts\2024 report data\BAR500\5G RU\7

Memo:

Sample Number: S24111413-008

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    | 47.21            | 33.75               | 5.66            | -29.60   | 57.02          | 68.20          | 11.18       | PK       | Horizontal |
| 2         | 5725.857    | 52.06            | 33.76               | 5.66            | -29.60   | 61.88          | 68.20          | 6.32        | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5700 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

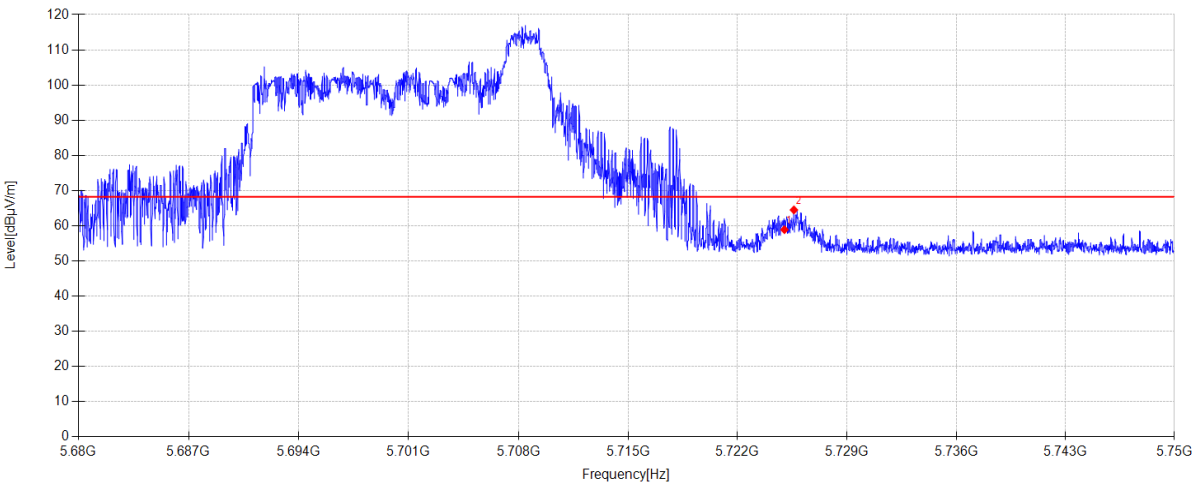
File Path:

d:\ts\2024 report data\BAR500\5G RU\8

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5725.000    | 49.07            | 33.75               | 5.66            | -29.60   | 58.88          | 68.20          | 9.32        | PK       | Vertical |
| 2         | 5725.605    | 54.68            | 33.75               | 5.66            | -29.60   | 64.49          | 68.20          | 3.71        | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

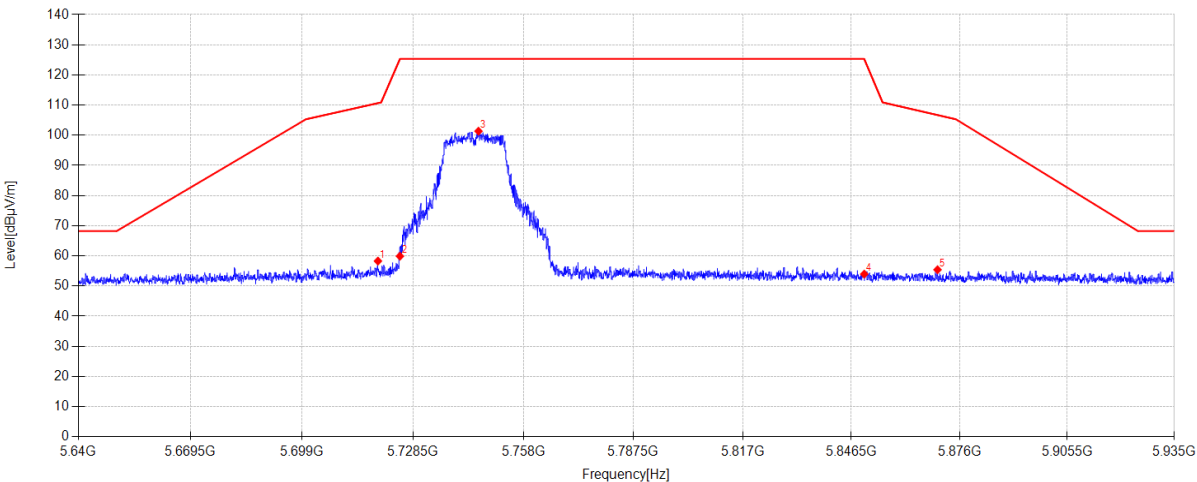
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\1

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5719.149    | 48.52            | 33.71               | 5.65            | -29.60   | 58.28          | 110.66         | 52.38       | PK       | Horizontal |
| 2         | 5725.000    | 50.09            | 33.75               | 5.66            | -29.60   | 59.90          | 125.30         | 65.40       | PK       | Horizontal |
| 3         | 5745.964    | 91.40            | 33.88               | 5.67            | -29.60   | 101.35         | 125.30         | 23.95       | PK       | Horizontal |
| 4         | 5850.000    | 43.82            | 34.00               | 5.74            | -29.60   | 53.96          | 125.30         | 71.34       | PK       | Horizontal |
| 5         | 5869.982    | 45.21            | 34.04               | 5.75            | -29.60   | 55.40          | 106.71         | 51.31       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

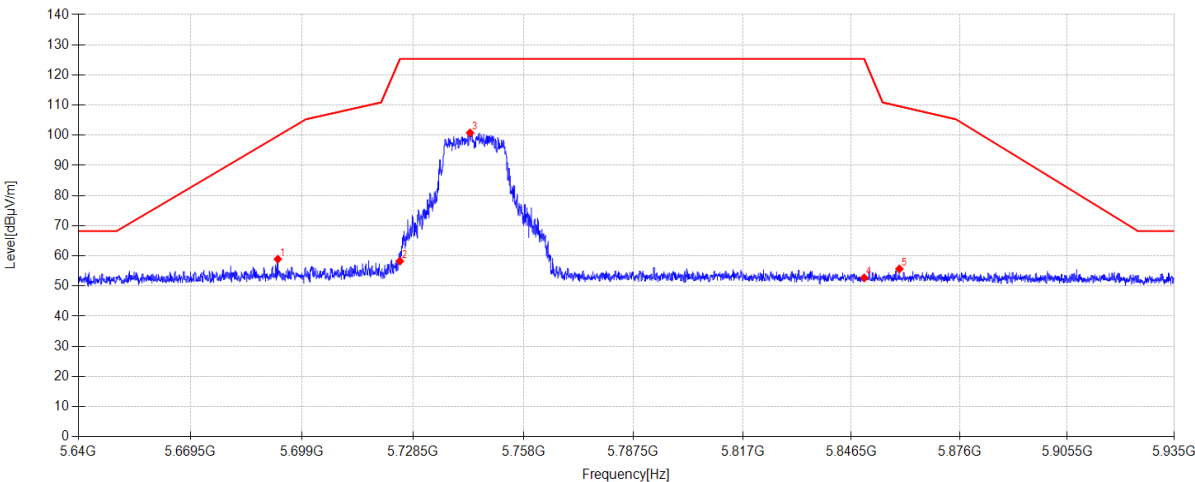
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\2

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5692.569    | 49.31            | 33.57               | 5.64            | -29.60   | 58.92          | 99.79          | 40.87       | PK       | Vertical |
| 2         | 5725.000    | 48.44            | 33.75               | 5.66            | -29.60   | 58.25          | 125.30         | 67.05       | PK       | Vertical |
| 3         | 5743.722    | 90.87            | 33.86               | 5.67            | -29.60   | 100.80         | 125.30         | 24.50       | PK       | Vertical |
| 4         | 5850.000    | 42.55            | 34.00               | 5.74            | -29.60   | 52.69          | 125.30         | 72.61       | PK       | Vertical |
| 5         | 5859.569    | 45.49            | 34.02               | 5.75            | -29.60   | 55.66          | 109.62         | 53.96       | 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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

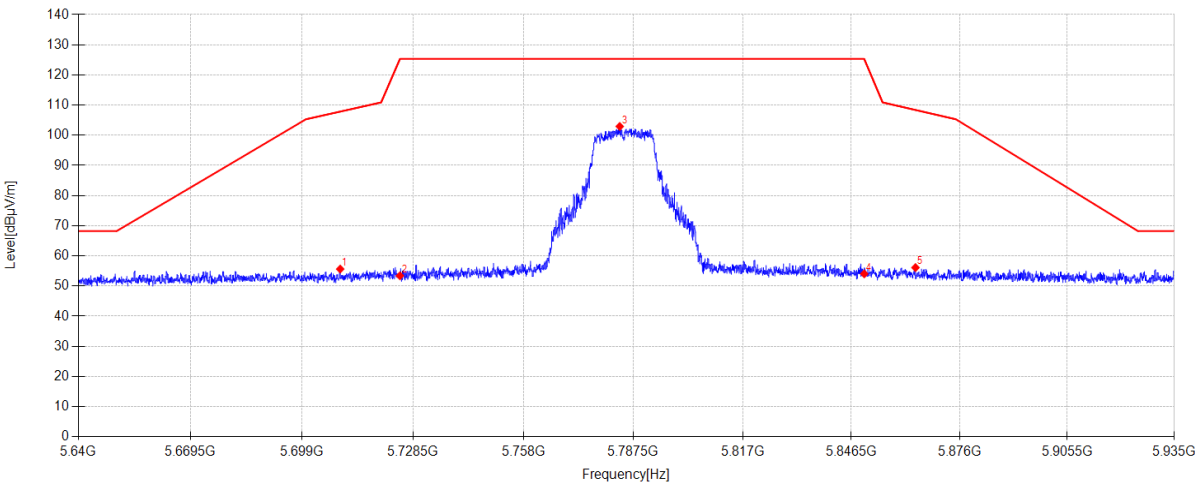
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\3

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5709.119    | 45.93            | 33.65               | 5.65            | -29.60   | 55.63          | 107.85         | 52.22       | PK       | Horizontal |
| 2         | 5725.000    | 43.60            | 33.75               | 5.66            | -29.60   | 53.41          | 125.30         | 71.89       | PK       | Horizontal |
| 3         | 5783.842    | 92.73            | 34.10               | 5.70            | -29.60   | 102.93         | 125.30         | 22.37       | PK       | Horizontal |
| 4         | 5850.000    | 43.91            | 34.00               | 5.74            | -29.60   | 54.05          | 125.30         | 71.25       | PK       | Horizontal |
| 5         | 5863.964    | 45.94            | 34.03               | 5.75            | -29.60   | 56.12          | 108.39         | 52.27       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

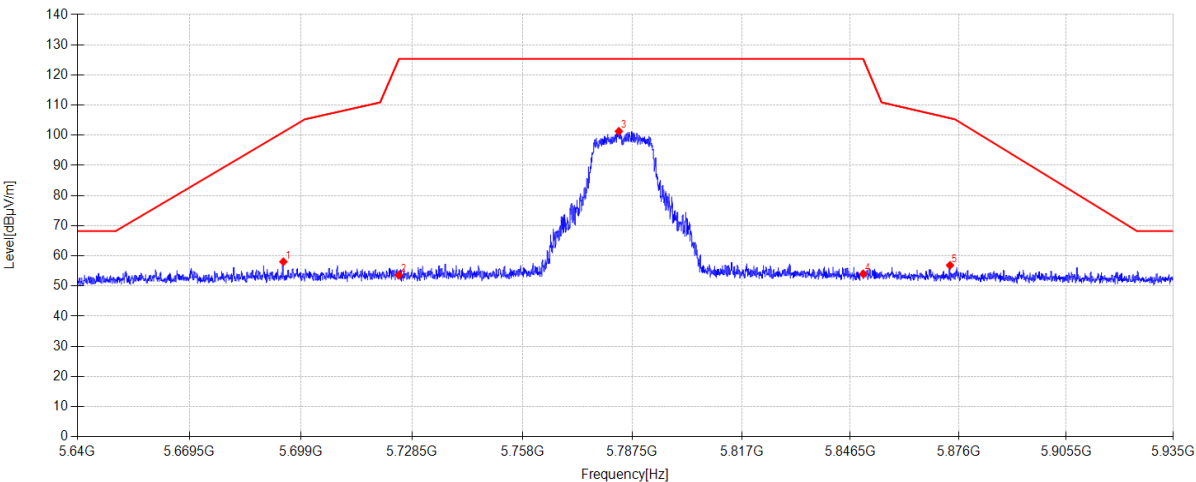
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\4

Memo:

Sample Number: S24111413-008

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         | 5694.310    | 48.44            | 33.58               | 5.64            | -29.60   | 58.06          | 101.08         | 43.02       | PK       | Vertical |
| 2         | 5725.000    | 43.82            | 33.75               | 5.66            | -29.60   | 53.63          | 125.30         | 71.67       | PK       | Vertical |
| 3         | 5783.872    | 91.12            | 34.10               | 5.70            | -29.60   | 101.32         | 125.30         | 23.98       | PK       | Vertical |
| 4         | 5850.000    | 43.89            | 34.00               | 5.74            | -29.60   | 54.03          | 125.30         | 71.27       | PK       | Vertical |
| 5         | 5873.670    | 46.67            | 34.05               | 5.76            | -29.60   | 56.88          | 105.67         | 48.79       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

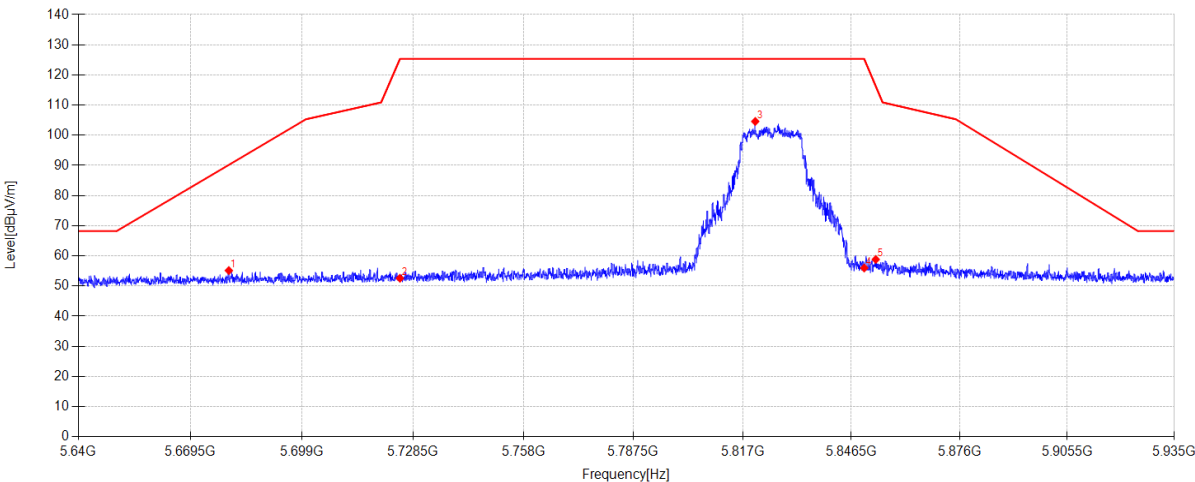
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\5

Memo:

Sample Number: S24111413-008

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         | 5679.619    | 45.58            | 33.52               | 5.63            | -29.60   | 55.13          | 90.18          | 35.05       | PK       | Horizontal |
| 2         | 5725.000    | 42.76            | 33.75               | 5.66            | -29.60   | 52.57          | 125.30         | 72.73       | PK       | Horizontal |
| 3         | 5820.422    | 94.35            | 34.12               | 5.72            | -29.60   | 104.59         | 125.30         | 20.71       | PK       | Horizontal |
| 4         | 5850.000    | 45.85            | 34.00               | 5.74            | -29.60   | 55.99          | 125.30         | 69.31       | PK       | Horizontal |
| 5         | 5853.138    | 48.67            | 34.01               | 5.74            | -29.60   | 58.82          | 116.26         | 57.44       | PK       | Horizontal |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT1 11A 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

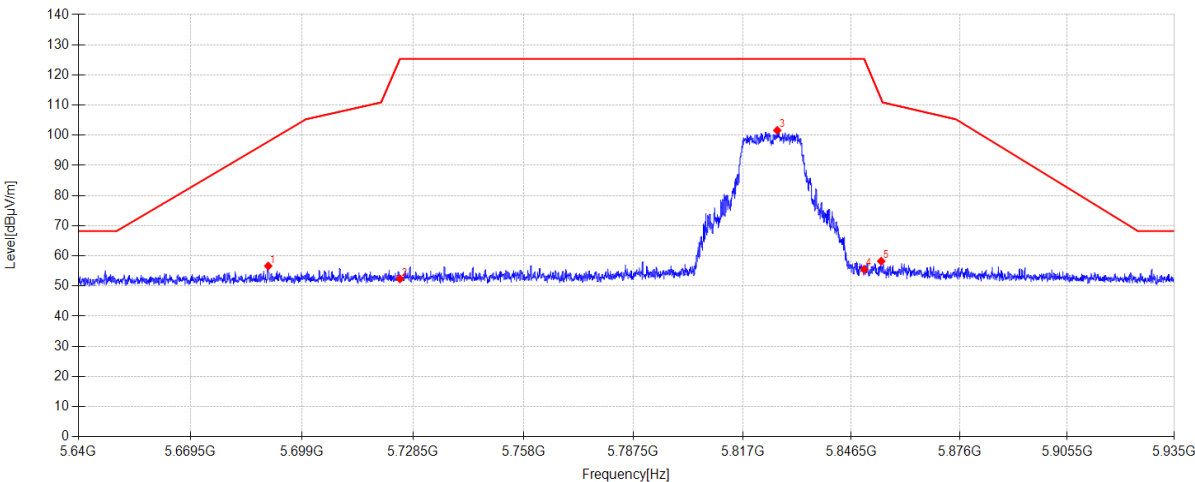
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\6

Memo:

Sample Number: S24111413-008

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         | 5690.032    | 47.04            | 33.56               | 5.64            | -29.60   | 56.64          | 97.90          | 41.26       | PK       | Vertical |
| 2         | 5725.000    | 42.56            | 33.75               | 5.66            | -29.60   | 52.37          | 125.30         | 72.93       | PK       | Vertical |
| 3         | 5826.381    | 91.40            | 34.09               | 5.73            | -29.60   | 101.62         | 125.30         | 23.68       | PK       | Vertical |
| 4         | 5850.000    | 45.39            | 34.00               | 5.74            | -29.60   | 55.53          | 125.30         | 69.77       | PK       | Vertical |
| 5         | 5854.613    | 48.08            | 34.01               | 5.74            | -29.60   | 58.23          | 112.02         | 53.79       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

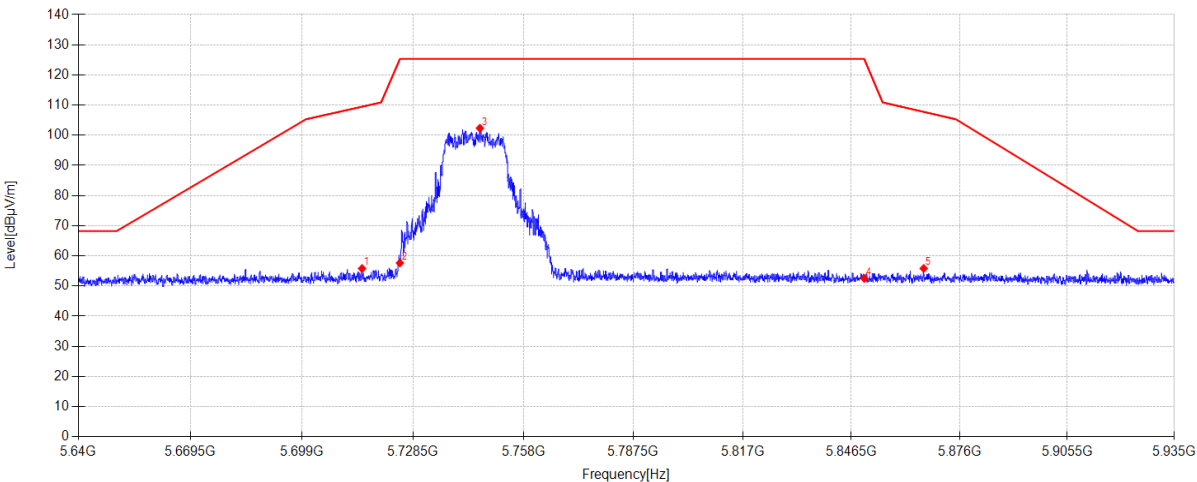
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\11

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5714.930    | 46.06            | 33.69               | 5.65            | -29.60   | 55.80          | 109.48         | 53.68       | PK       | Horizontal |
| 2         | 5725.000    | 47.83            | 33.75               | 5.66            | -29.60   | 57.64          | 125.30         | 67.66       | PK       | Horizontal |
| 3         | 5746.348    | 92.39            | 33.88               | 5.67            | -29.60   | 102.34         | 125.30         | 22.96       | PK       | Horizontal |
| 4         | 5850.000    | 42.38            | 34.00               | 5.74            | -29.60   | 52.52          | 125.30         | 72.78       | PK       | Horizontal |
| 5         | 5866.206    | 45.66            | 34.03               | 5.75            | -29.60   | 55.84          | 107.76         | 51.92       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

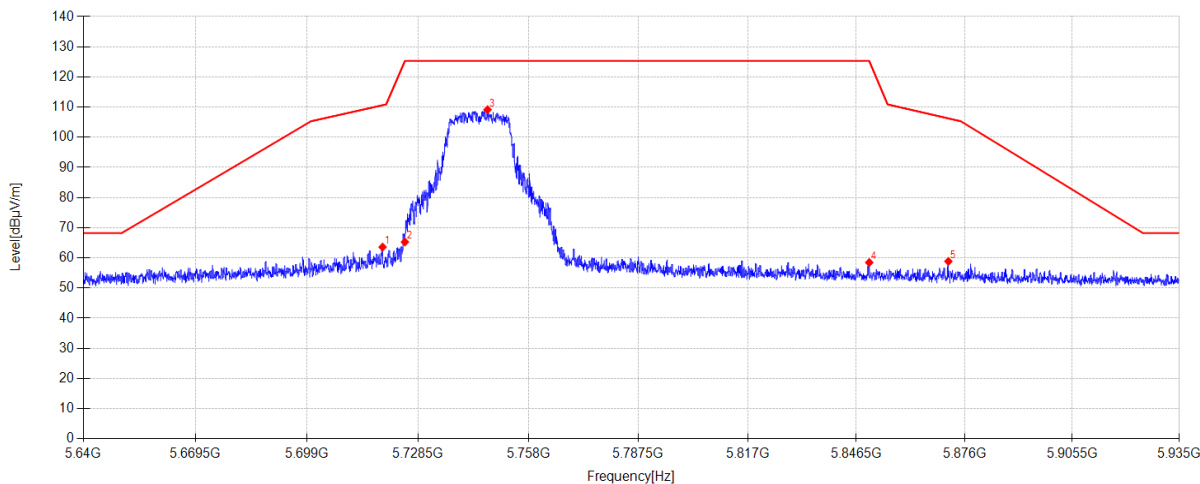
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\12

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5719.060    | 53.82            | 33.71               | 5.65            | -29.60   | 63.58          | 110.64         | 47.06       | PK       | Vertical |
| 2         | 5725.000    | 55.46            | 33.75               | 5.66            | -29.60   | 65.27          | 125.30         | 60.03       | PK       | Vertical |
| 3         | 5747.056    | 99.20            | 33.88               | 5.67            | -29.60   | 109.15         | 125.30         | 16.15       | PK       | Vertical |
| 4         | 5850.000    | 48.32            | 34.00               | 5.74            | -29.60   | 58.46          | 125.30         | 66.84       | PK       | Vertical |
| 5         | 5871.575    | 48.64            | 34.04               | 5.76            | -29.60   | 58.84          | 106.26         | 47.42       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

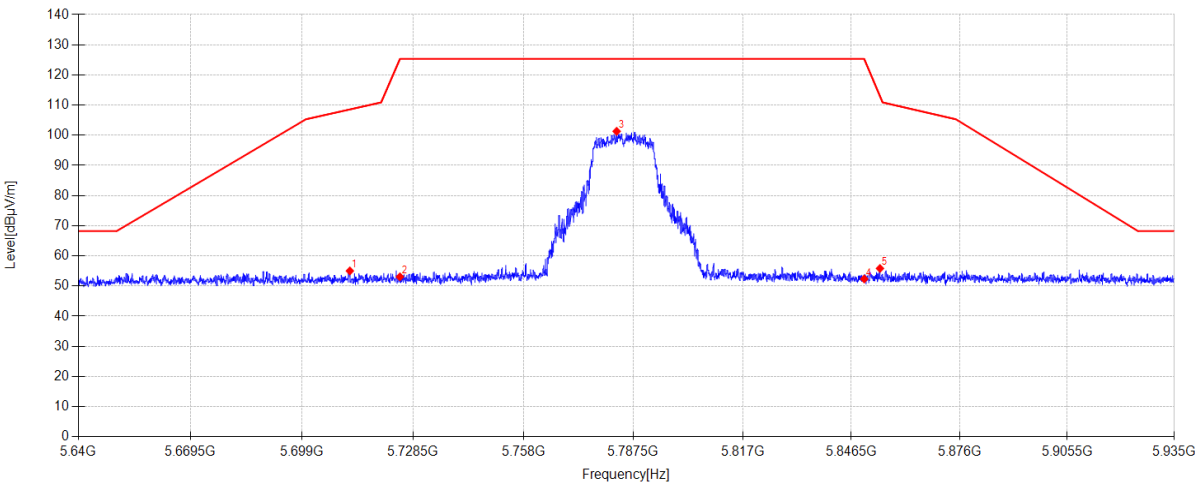
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\9

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5711.685    | 45.29            | 33.67               | 5.65            | -29.60   | 55.01          | 108.57         | 53.56       | PK       | Horizontal |
| 2         | 5725.000    | 43.24            | 33.75               | 5.66            | -29.60   | 53.05          | 125.30         | 72.25       | PK       | Horizontal |
| 3         | 5783.016    | 91.11            | 34.10               | 5.70            | -29.60   | 101.31         | 125.30         | 23.99       | PK       | Horizontal |
| 4         | 5850.000    | 42.21            | 34.00               | 5.74            | -29.60   | 52.35          | 125.30         | 72.95       | PK       | Horizontal |
| 5         | 5854.288    | 45.68            | 34.01               | 5.74            | -29.60   | 55.83          | 112.95         | 57.12       | PK       | Horizontal |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

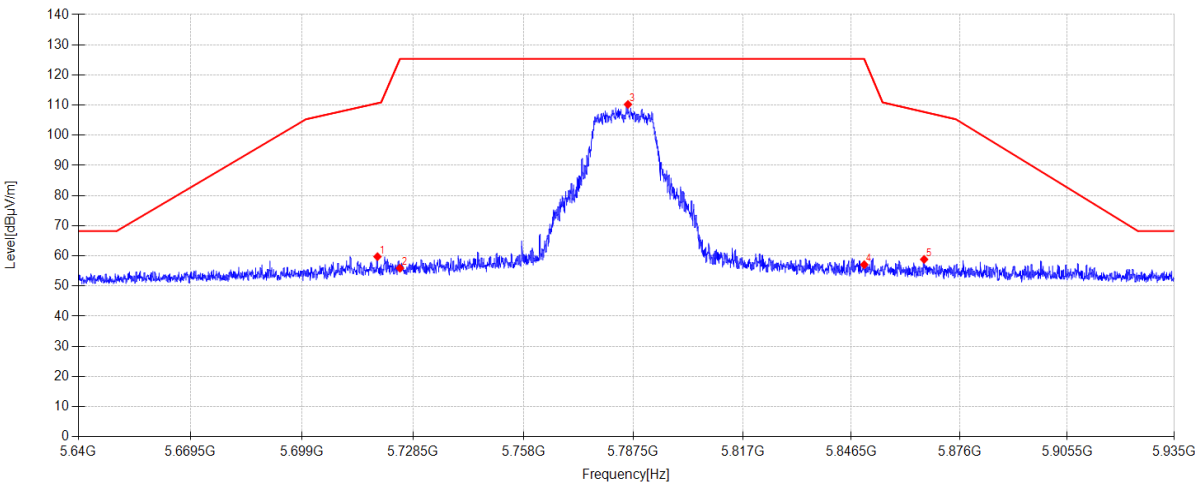
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\10

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5719.031    | 49.98            | 33.71               | 5.65            | -29.60   | 59.74          | 110.63         | 50.89       | PK       | Vertical |
| 2         | 5725.000    | 46.11            | 33.75               | 5.66            | -29.60   | 55.92          | 125.30         | 69.38       | PK       | Vertical |
| 3         | 5786.055    | 100.00           | 34.12               | 5.70            | -29.60   | 110.22         | 125.30         | 15.08       | PK       | Vertical |
| 4         | 5850.000    | 46.94            | 34.00               | 5.74            | -29.60   | 57.08          | 125.30         | 68.22       | PK       | Vertical |
| 5         | 5866.324    | 48.66            | 34.03               | 5.75            | -29.60   | 58.84          | 107.73         | 48.89       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

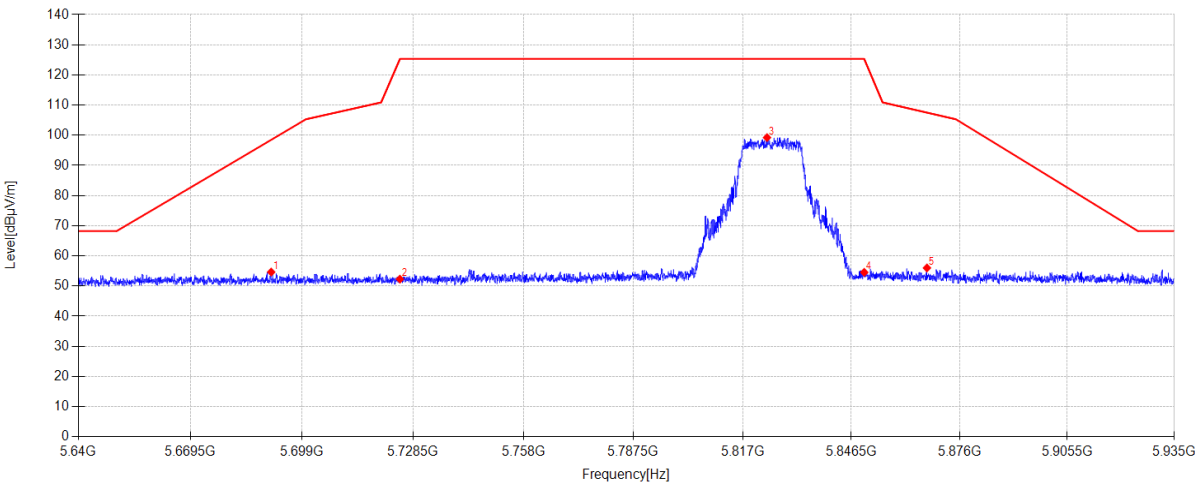
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\7

Memo:

Sample Number: S24111413-008

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         | 5690.829    | 45.03            | 33.56               | 5.64            | -29.60   | 54.63          | 98.49          | 43.86       | PK       | Horizontal |
| 2         | 5725.000    | 42.48            | 33.75               | 5.66            | -29.60   | 52.29          | 125.30         | 73.01       | PK       | Horizontal |
| 3         | 5823.608    | 89.00            | 34.11               | 5.72            | -29.60   | 99.23          | 125.30         | 26.07       | PK       | Horizontal |
| 4         | 5850.000    | 44.41            | 34.00               | 5.74            | -29.60   | 54.55          | 125.30         | 70.75       | PK       | Horizontal |
| 5         | 5867.091    | 45.82            | 34.03               | 5.75            | -29.60   | 56.00          | 107.51         | 51.51       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

ANT2 11A 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

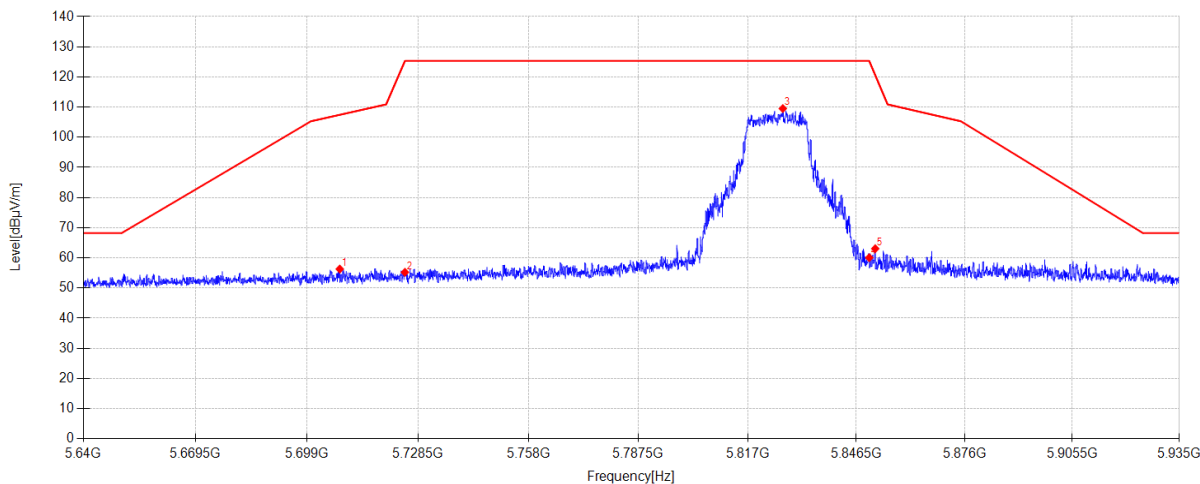
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\8

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5707.673    | 46.60            | 33.65               | 5.65            | -29.60   | 56.30          | 107.45         | 51.15       | PK       | Vertical |
| 2         | 5725.000    | 45.41            | 33.75               | 5.66            | -29.60   | 55.22          | 125.30         | 70.08       | PK       | Vertical |
| 3         | 5826.529    | 99.31            | 34.09               | 5.73            | -29.60   | 109.53         | 125.30         | 15.77       | PK       | Vertical |
| 4         | 5850.000    | 49.93            | 34.00               | 5.74            | -29.60   | 60.07          | 125.30         | 65.23       | PK       | Vertical |
| 5         | 5851.633    | 52.93            | 34.00               | 5.74            | -29.60   | 63.07          | 120.60         | 57.53       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

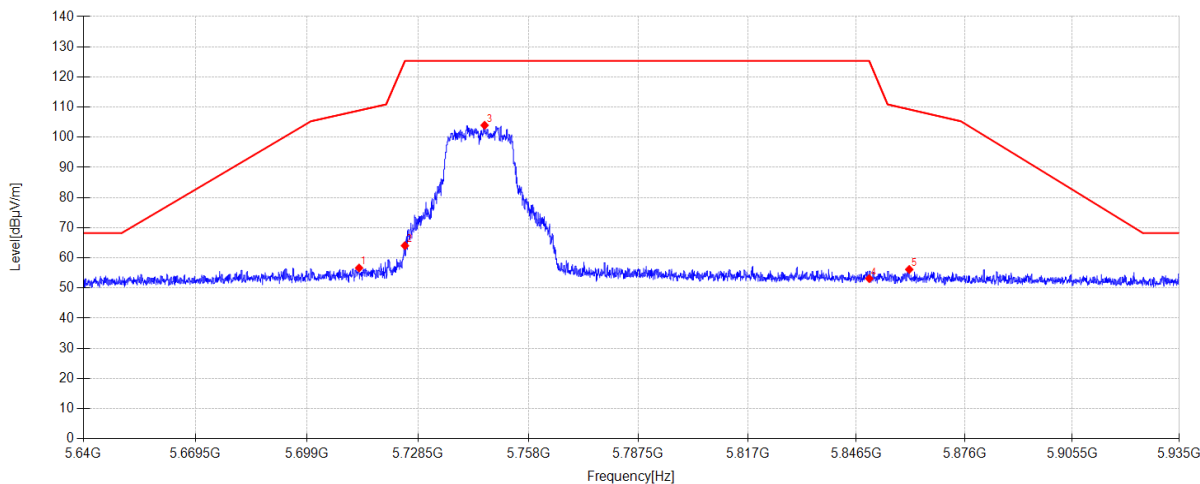
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\13

Memo:

Sample Number: S24111413-008

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         | 5712.806    | 46.92            | 33.68               | 5.65            | -29.60   | 56.65          | 108.89         | 52.24       | PK       | Horizontal |
| 2         | 5725.000    | 54.24            | 33.75               | 5.66            | -29.60   | 64.05          | 125.30         | 61.25       | PK       | Horizontal |
| 3         | 5746.259    | 94.02            | 33.88               | 5.67            | -29.60   | 103.97         | 125.30         | 21.33       | PK       | Horizontal |
| 4         | 5850.000    | 42.98            | 34.00               | 5.74            | -29.60   | 53.12          | 125.30         | 72.18       | PK       | Horizontal |
| 5         | 5860.896    | 45.98            | 34.02               | 5.75            | -29.60   | 56.15          | 109.25         | 53.10       | 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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

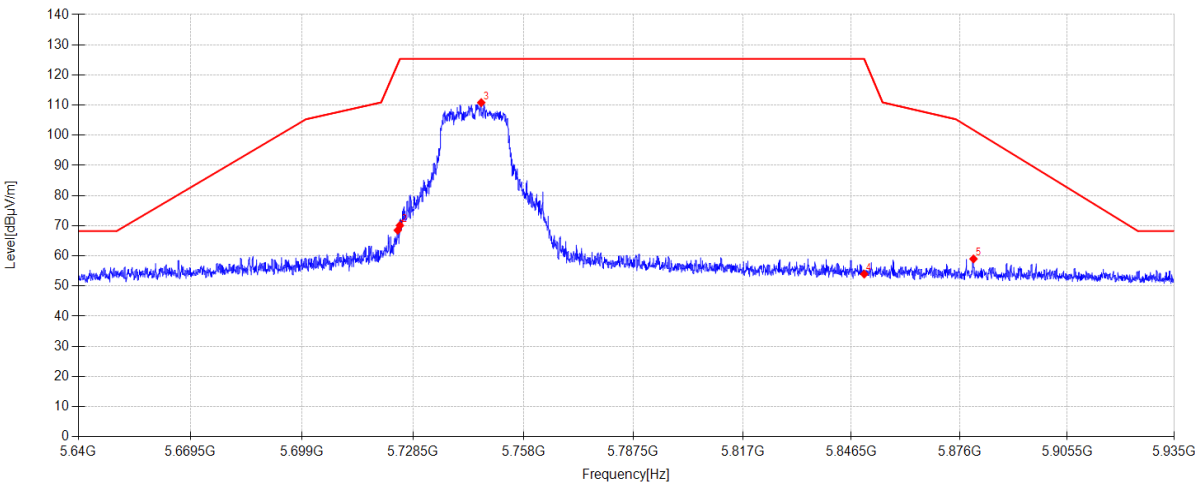
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\14

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5724.429    | 58.70            | 33.75               | 5.66            | -29.60   | 68.51          | 123.66         | 55.15       | PK       | Vertical |
| 2         | 5725.000    | 60.28            | 33.75               | 5.66            | -29.60   | 70.09          | 125.30         | 55.21       | PK       | Vertical |
| 3         | 5746.702    | 100.88           | 33.88               | 5.67            | -29.60   | 110.83         | 125.30         | 14.47       | PK       | Vertical |
| 4         | 5850.000    | 43.82            | 34.00               | 5.74            | -29.60   | 53.96          | 125.30         | 71.34       | PK       | Vertical |
| 5         | 5879.806    | 48.77            | 34.06               | 5.76            | -29.60   | 58.99          | 101.73         | 42.74       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

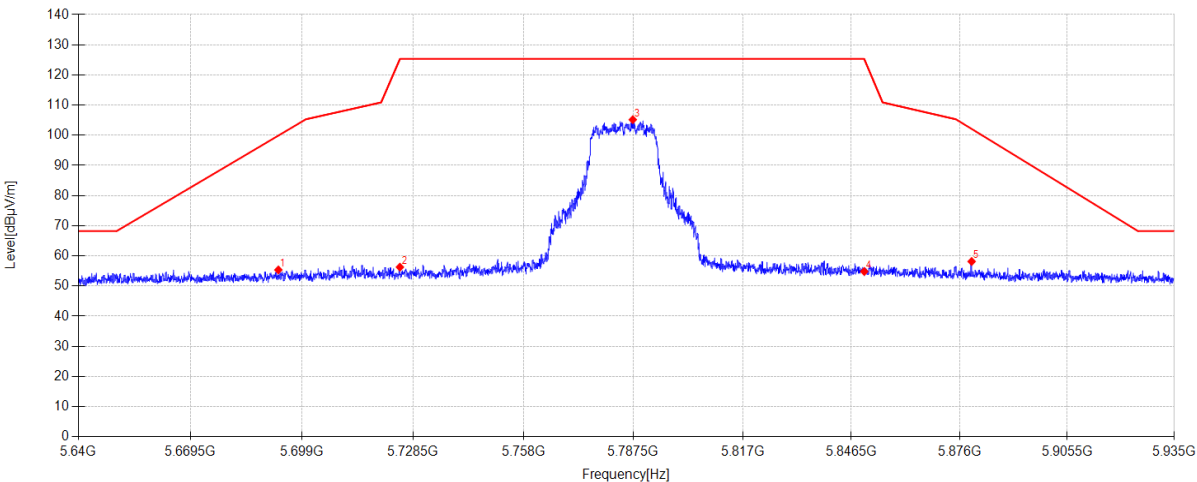
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\15

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5692.717    | 45.73            | 33.57               | 5.64            | -29.60   | 55.34          | 99.90          | 44.56       | PK       | Horizontal |
| 2         | 5725.000    | 46.46            | 33.75               | 5.66            | -29.60   | 56.27          | 125.30         | 69.03       | PK       | Horizontal |
| 3         | 5787.353    | 94.96            | 34.12               | 5.70            | -29.60   | 105.18         | 125.30         | 20.12       | PK       | Horizontal |
| 4         | 5850.000    | 44.69            | 34.00               | 5.74            | -29.60   | 54.83          | 125.30         | 70.47       | PK       | Horizontal |
| 5         | 5879.304    | 47.93            | 34.06               | 5.76            | -29.60   | 58.15          | 102.11         | 43.96       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

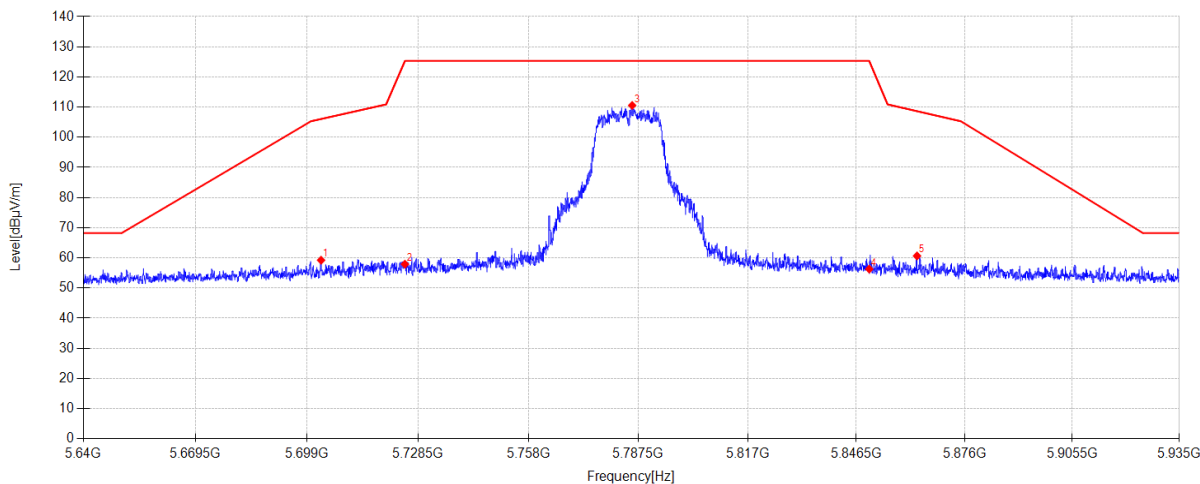
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\16

Memo:

Sample Number: S24111413-008

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         | 5702.717    | 49.57            | 33.62               | 5.64            | -29.60   | 59.23          | 106.06         | 46.83       | PK       | Vertical |
| 2         | 5725.000    | 48.09            | 33.75               | 5.66            | -29.60   | 57.90          | 125.30         | 67.40       | PK       | Vertical |
| 3         | 5785.848    | 100.35           | 34.12               | 5.70            | -29.60   | 110.57         | 125.30         | 14.73       | PK       | Vertical |
| 4         | 5850.000    | 46.15            | 34.00               | 5.74            | -29.60   | 56.29          | 125.30         | 69.01       | PK       | Vertical |
| 5         | 5863.020    | 50.46            | 34.03               | 5.75            | -29.60   | 60.64          | 108.65         | 48.01       | 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:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

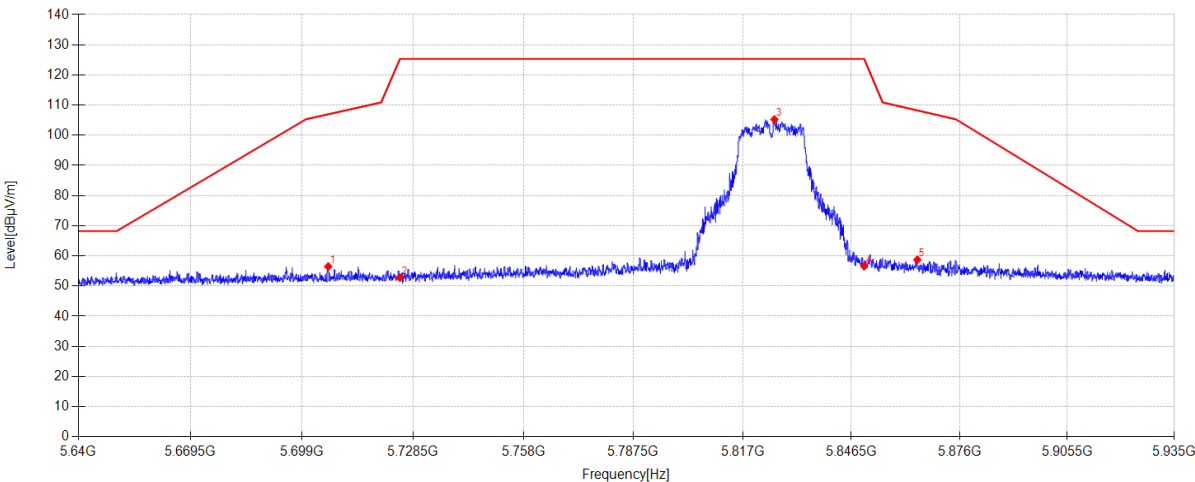
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\17

Memo:

Sample Number: S24111413-008

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         | 5705.933    | 46.77            | 33.64               | 5.65            | -29.60   | 56.46          | 106.96         | 50.50       | PK       | Horizontal |
| 2         | 5725.000    | 42.99            | 33.75               | 5.66            | -29.60   | 52.80          | 125.30         | 72.50       | PK       | Horizontal |
| 3         | 5825.614    | 95.02            | 34.10               | 5.72            | -29.60   | 105.24         | 125.30         | 20.06       | PK       | Horizontal |
| 4         | 5850.000    | 46.49            | 34.00               | 5.74            | -29.60   | 56.63          | 125.30         | 68.67       | PK       | Horizontal |
| 5         | 5864.466    | 48.53            | 34.03               | 5.75            | -29.60   | 58.71          | 108.25         | 49.54       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

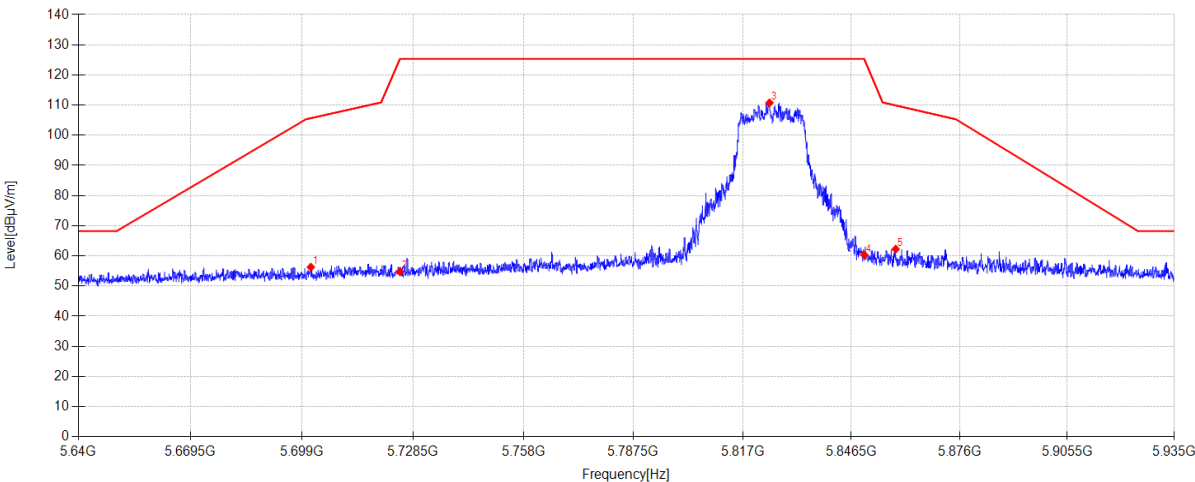
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\18

Memo:

Sample Number: S24111413-008

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         | 5701.331    | 46.61            | 33.61               | 5.64            | -29.60   | 56.26          | 105.67         | 49.41       | PK       | Vertical |
| 2         | 5725.000    | 44.92            | 33.75               | 5.66            | -29.60   | 54.73          | 125.30         | 70.57       | PK       | Vertical |
| 3         | 5824.287    | 100.54           | 34.10               | 5.72            | -29.60   | 110.76         | 125.30         | 14.54       | PK       | Vertical |
| 4         | 5850.000    | 50.20            | 34.00               | 5.74            | -29.60   | 60.34          | 125.30         | 64.96       | PK       | Vertical |
| 5         | 5858.566    | 52.07            | 34.02               | 5.75            | -29.60   | 62.24          | 109.90         | 47.66       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

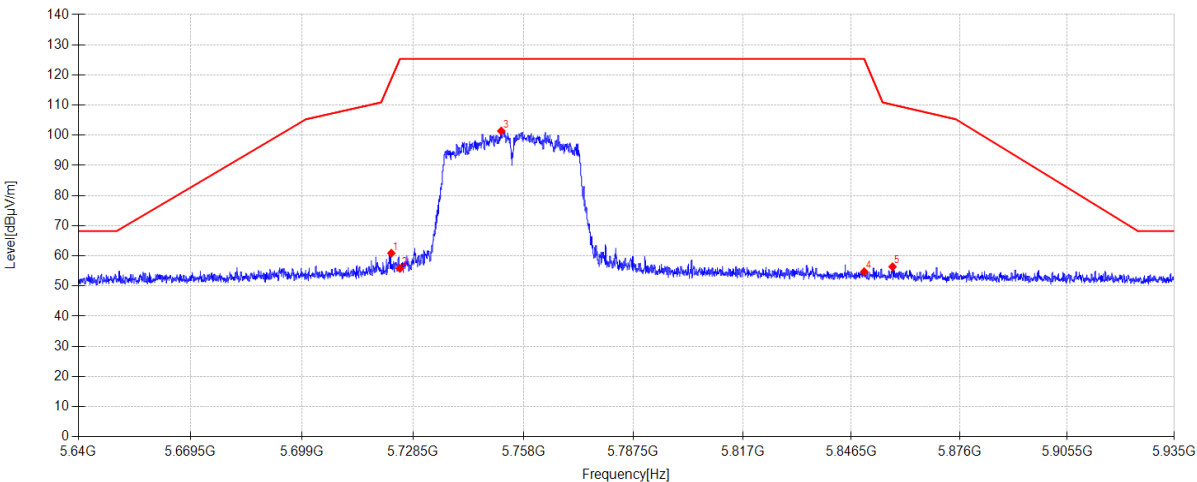
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\19

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5722.718    | 51.09            | 33.74               | 5.66            | -29.60   | 60.89          | 118.73         | 57.84       | PK       | Horizontal |
| 2         | 5725.000    | 46.04            | 33.75               | 5.66            | -29.60   | 55.85          | 125.30         | 69.45       | PK       | Horizontal |
| 3         | 5752.041    | 91.43            | 33.91               | 5.68            | -29.60   | 101.42         | 125.30         | 23.88       | PK       | Horizontal |
| 4         | 5850.000    | 44.61            | 34.00               | 5.74            | -29.60   | 54.75          | 125.30         | 70.55       | PK       | Horizontal |
| 5         | 5857.710    | 46.21            | 34.02               | 5.75            | -29.60   | 56.38          | 110.14         | 53.76       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

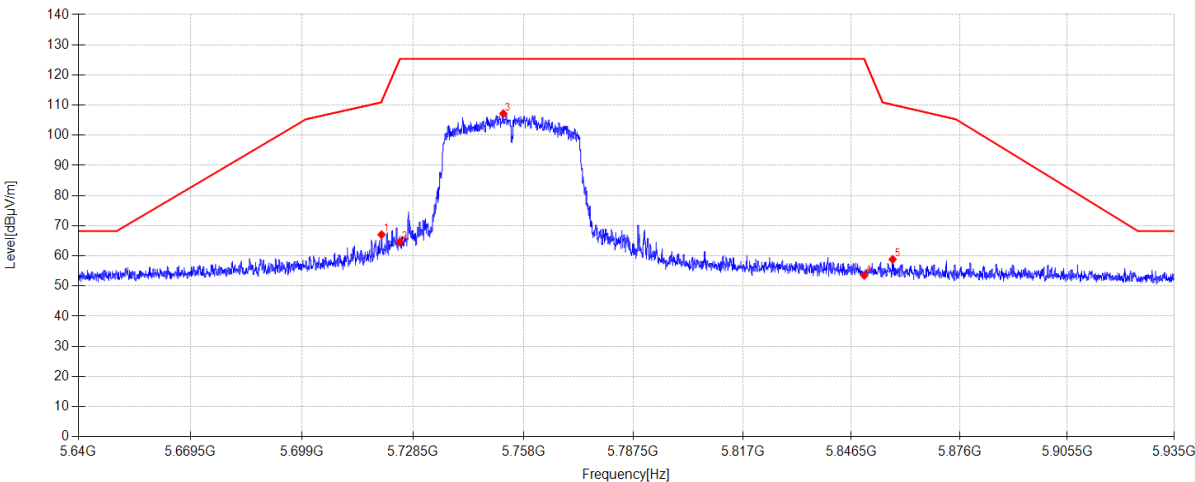
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\20

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5720.122    | 57.26            | 33.72               | 5.66            | -29.60   | 67.04          | 111.25         | 44.21       | PK       | Vertical |
| 2         | 5725.000    | 54.77            | 33.75               | 5.66            | -29.60   | 64.58          | 125.30         | 60.72       | PK       | Vertical |
| 3         | 5752.602    | 97.18            | 33.92               | 5.68            | -29.60   | 107.18         | 125.30         | 18.12       | PK       | Vertical |
| 4         | 5850.000    | 43.37            | 34.00               | 5.74            | -29.60   | 53.51          | 125.30         | 71.79       | PK       | Vertical |
| 5         | 5857.740    | 48.69            | 34.02               | 5.75            | -29.60   | 58.86          | 110.13         | 51.27       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

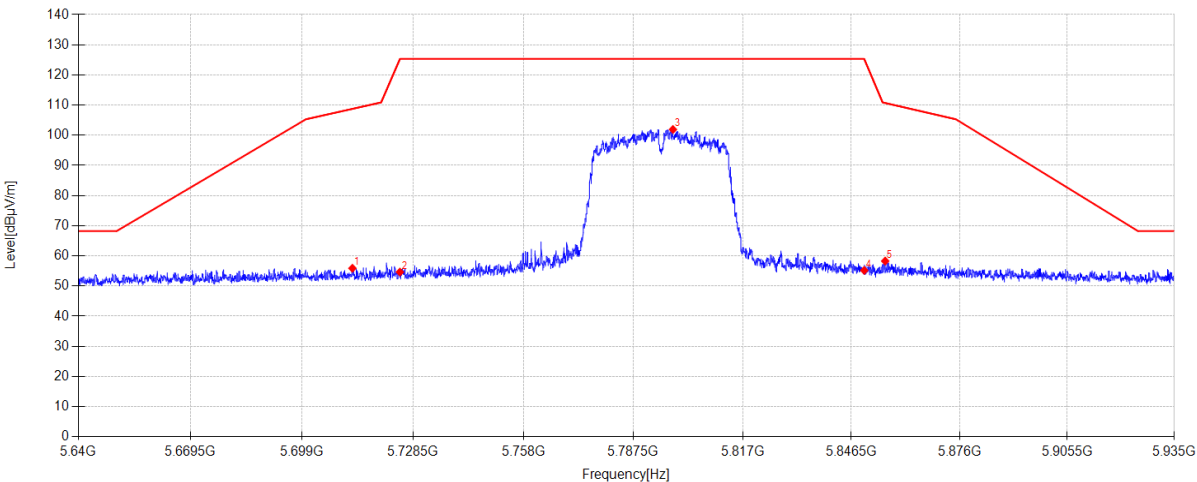
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\21

Memo:

Sample Number: S24111413-008

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         | 5712.364    | 46.17            | 33.67               | 5.65            | -29.60   | 55.89          | 108.76         | 52.87       | PK       | Horizontal |
| 2         | 5725.000    | 44.82            | 33.75               | 5.66            | -29.60   | 54.63          | 125.30         | 70.67       | PK       | Horizontal |
| 3         | 5798.179    | 91.62            | 34.19               | 5.71            | -29.60   | 101.92         | 125.30         | 23.38       | PK       | Horizontal |
| 4         | 5850.000    | 45.05            | 34.00               | 5.74            | -29.60   | 55.19          | 125.30         | 70.11       | PK       | Horizontal |
| 5         | 5855.704    | 48.13            | 34.01               | 5.74            | -29.60   | 58.28          | 110.70         | 52.42       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11N40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

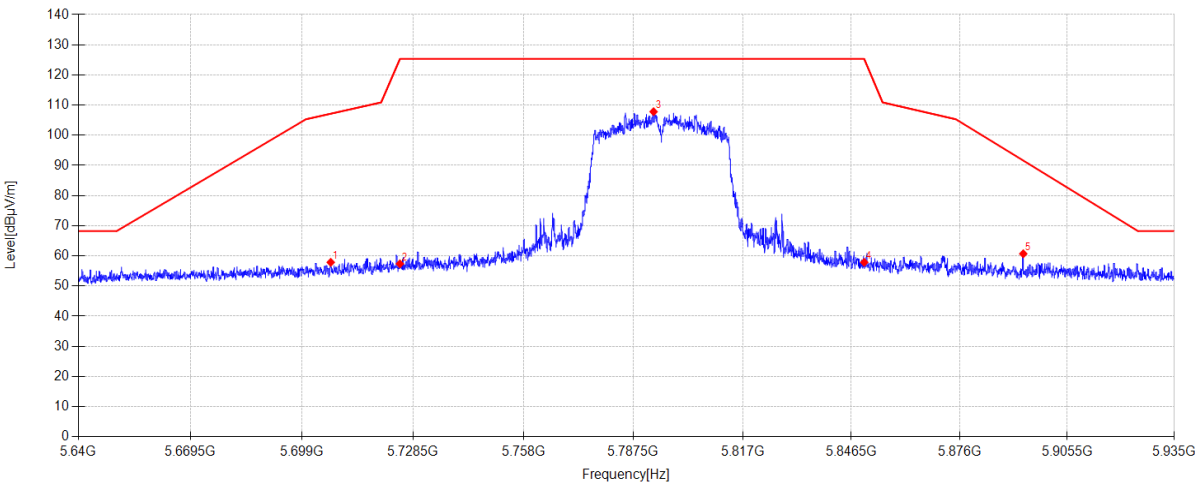
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\22

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5706.611    | 48.17            | 33.64               | 5.65            | -29.60   | 57.86          | 107.15         | 49.29       | PK       | Vertical |
| 2         | 5725.000    | 47.56            | 33.75               | 5.66            | -29.60   | 57.37          | 125.30         | 67.93       | PK       | Vertical |
| 3         | 5792.958    | 97.56            | 34.16               | 5.70            | -29.60   | 107.82         | 125.30         | 17.48       | PK       | Vertical |
| 4         | 5850.000    | 47.73            | 34.00               | 5.74            | -29.60   | 57.87          | 125.30         | 67.43       | PK       | Vertical |
| 5         | 5893.435    | 50.44            | 34.09               | 5.77            | -29.60   | 60.70          | 91.62          | 30.92       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

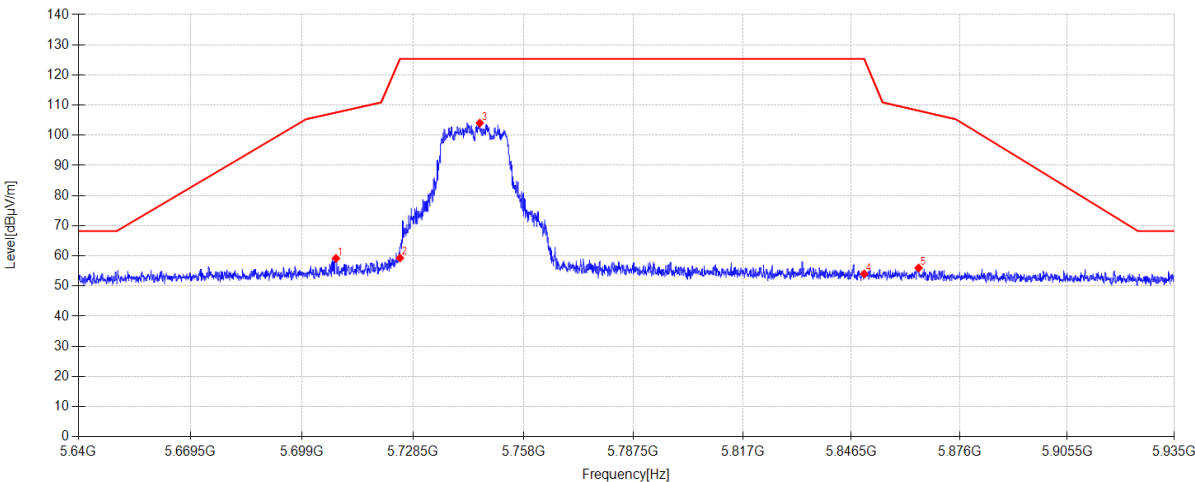
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\23

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5707.998    | 49.47            | 33.65               | 5.65            | -29.60   | 59.17          | 107.54         | 48.37       | PK       | Horizontal |
| 2         | 5725.000    | 49.49            | 33.75               | 5.66            | -29.60   | 59.30          | 125.30         | 66.00       | PK       | Horizontal |
| 3         | 5746.318    | 94.12            | 33.88               | 5.67            | -29.60   | 104.07         | 125.30         | 21.23       | PK       | Horizontal |
| 4         | 5850.000    | 43.87            | 34.00               | 5.74            | -29.60   | 54.01          | 125.30         | 71.29       | PK       | Horizontal |
| 5         | 5864.820    | 45.81            | 34.03               | 5.75            | -29.60   | 55.99          | 108.15         | 52.16       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

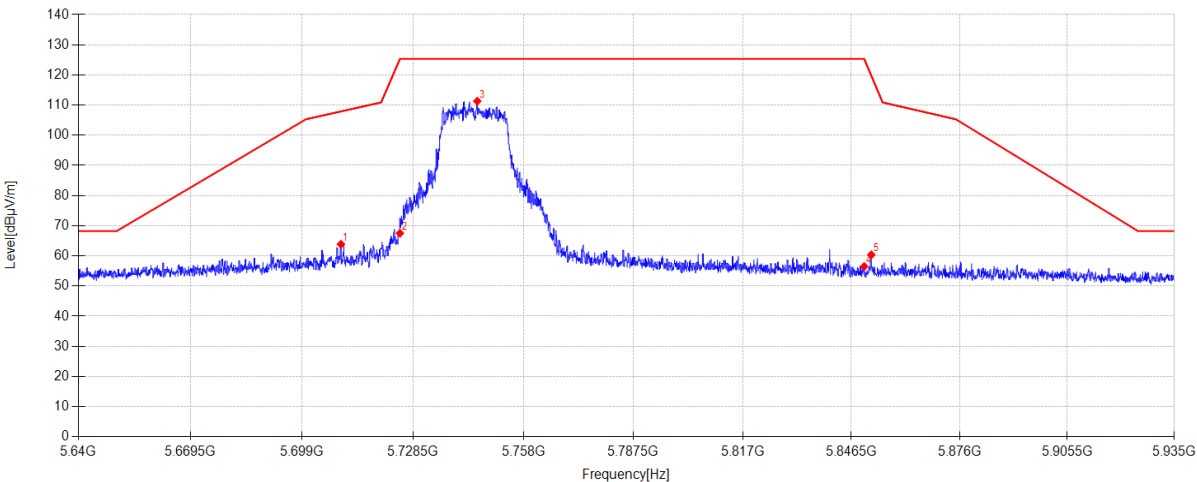
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\24

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5709.325    | 54.15            | 33.66               | 5.65            | -29.60   | 63.86          | 107.91         | 44.05       | PK       | Vertical |
| 2         | 5725.000    | 57.69            | 33.75               | 5.66            | -29.60   | 67.50          | 125.30         | 57.80       | PK       | Vertical |
| 3         | 5745.640    | 101.37           | 33.87               | 5.67            | -29.60   | 111.31         | 125.30         | 13.99       | PK       | Vertical |
| 4         | 5850.000    | 46.36            | 34.00               | 5.74            | -29.60   | 56.50          | 125.30         | 68.80       | PK       | Vertical |
| 5         | 5851.928    | 50.23            | 34.00               | 5.74            | -29.60   | 60.37          | 119.75         | 59.38       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

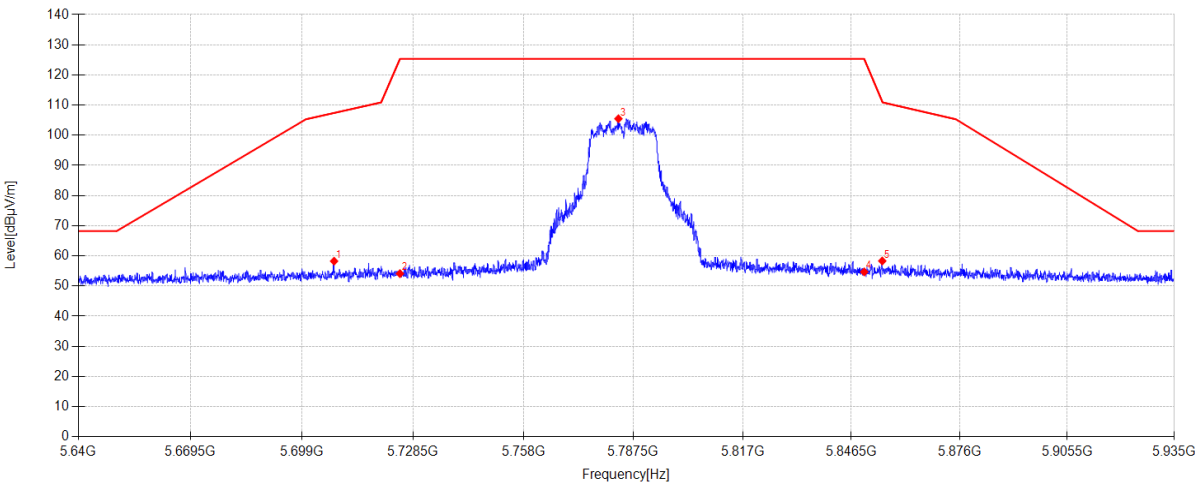
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\25

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5707.496    | 48.55            | 33.64               | 5.65            | -29.60   | 58.24          | 107.40         | 49.16       | PK       | Horizontal |
| 2         | 5725.000    | 44.30            | 33.75               | 5.66            | -29.60   | 54.11          | 125.30         | 71.19       | PK       | Horizontal |
| 3         | 5783.488    | 95.28            | 34.10               | 5.70            | -29.60   | 105.48         | 125.30         | 19.82       | PK       | Horizontal |
| 4         | 5850.000    | 44.55            | 34.00               | 5.74            | -29.60   | 54.69          | 125.30         | 70.61       | PK       | Horizontal |
| 5         | 5854.908    | 48.16            | 34.01               | 5.74            | -29.60   | 58.31          | 111.17         | 52.86       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

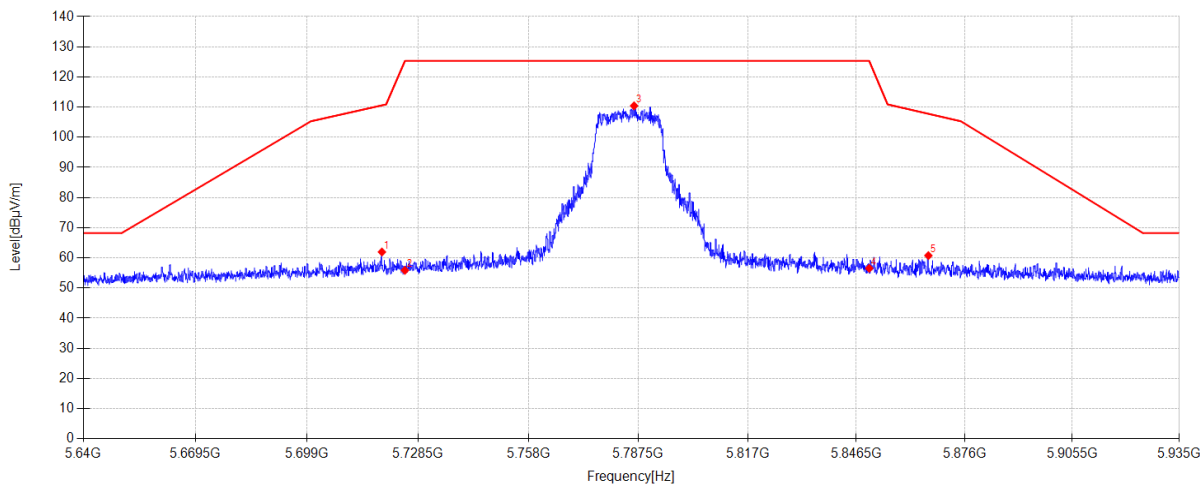
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\26

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5718.883    | 52.19            | 33.71               | 5.65            | -29.60   | 61.95          | 110.59         | 48.64       | PK       | Vertical |
| 2         | 5725.000    | 46.06            | 33.75               | 5.66            | -29.60   | 55.87          | 125.30         | 69.43       | PK       | Vertical |
| 3         | 5786.350    | 100.20           | 34.12               | 5.70            | -29.60   | 110.42         | 125.30         | 14.88       | PK       | Vertical |
| 4         | 5850.000    | 46.40            | 34.00               | 5.74            | -29.60   | 56.54          | 125.30         | 68.76       | PK       | Vertical |
| 5         | 5866.118    | 50.58            | 34.03               | 5.75            | -29.60   | 60.76          | 107.79         | 47.03       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

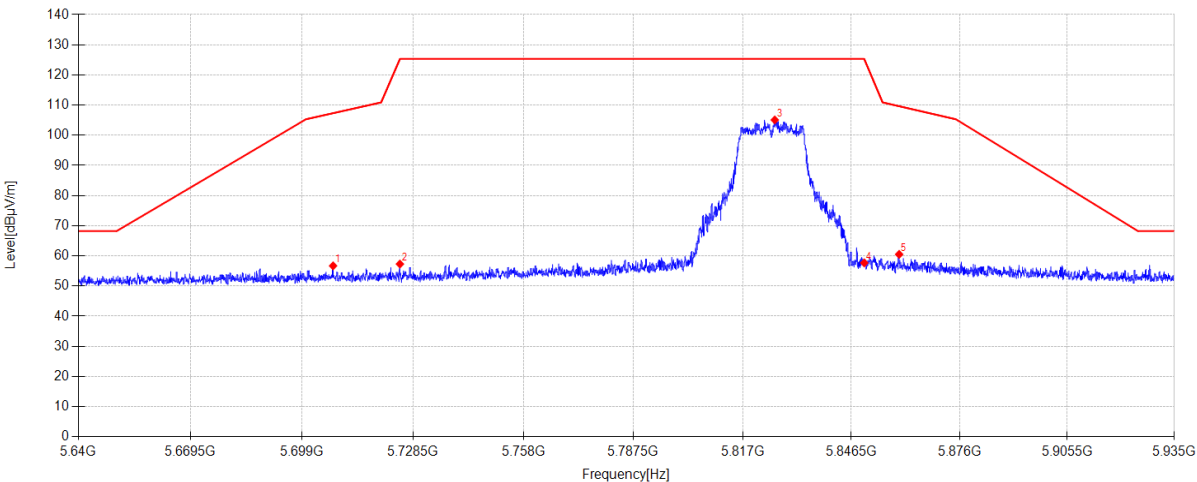
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\27

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5707.231    | 47.01            | 33.64               | 5.65            | -29.60   | 56.70          | 107.32         | 50.62       | PK       | Horizontal |
| 2         | 5725.000    | 47.49            | 33.75               | 5.66            | -29.60   | 57.30          | 125.30         | 68.00       | PK       | Horizontal |
| 3         | 5825.703    | 94.88            | 34.10               | 5.72            | -29.60   | 105.10         | 125.30         | 20.20       | PK       | Horizontal |
| 4         | 5850.000    | 47.54            | 34.00               | 5.74            | -29.60   | 57.68          | 125.30         | 67.62       | PK       | Horizontal |
| 5         | 5859.510    | 50.33            | 34.02               | 5.75            | -29.60   | 60.50          | 109.64         | 49.14       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

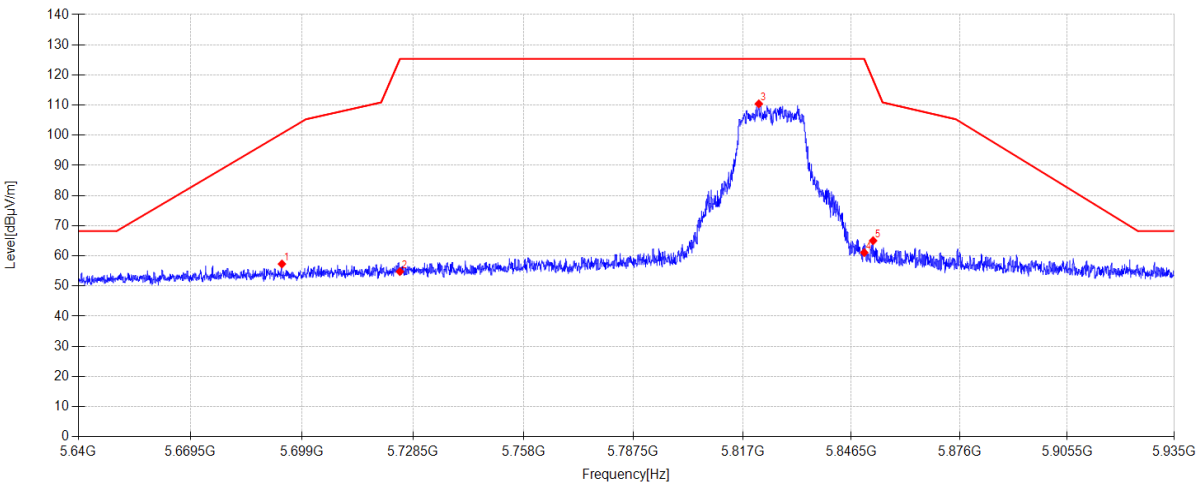
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\28

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5693.661    | 47.70            | 33.57               | 5.64            | -29.60   | 57.31          | 100.60         | 43.29       | PK       | Vertical |
| 2         | 5725.000    | 44.98            | 33.75               | 5.66            | -29.60   | 54.79          | 125.30         | 70.51       | PK       | Vertical |
| 3         | 5821.396    | 100.19           | 34.11               | 5.72            | -29.60   | 110.42         | 125.30         | 14.88       | PK       | Vertical |
| 4         | 5850.000    | 50.94            | 34.00               | 5.74            | -29.60   | 61.08          | 125.30         | 64.22       | PK       | Vertical |
| 5         | 5852.430    | 54.89            | 34.00               | 5.74            | -29.60   | 65.03          | 118.30         | 53.27       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

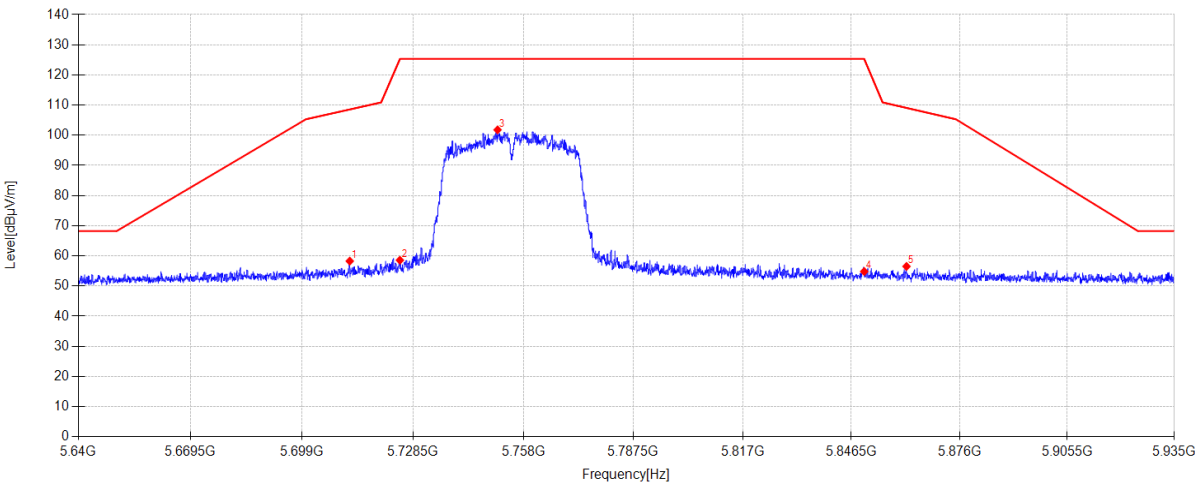
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\29

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5711.656    | 48.54            | 33.67               | 5.65            | -29.60   | 58.26          | 108.56         | 50.30       | PK       | Horizontal |
| 2         | 5725.000    | 48.76            | 33.75               | 5.66            | -29.60   | 58.57          | 125.30         | 66.73       | PK       | Horizontal |
| 3         | 5751.068    | 91.81            | 33.91               | 5.68            | -29.60   | 101.80         | 125.30         | 23.50       | PK       | Horizontal |
| 4         | 5850.000    | 44.68            | 34.00               | 5.74            | -29.60   | 54.82          | 125.30         | 70.48       | PK       | Horizontal |
| 5         | 5861.516    | 46.34            | 34.02               | 5.75            | -29.60   | 56.51          | 109.08         | 52.57       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

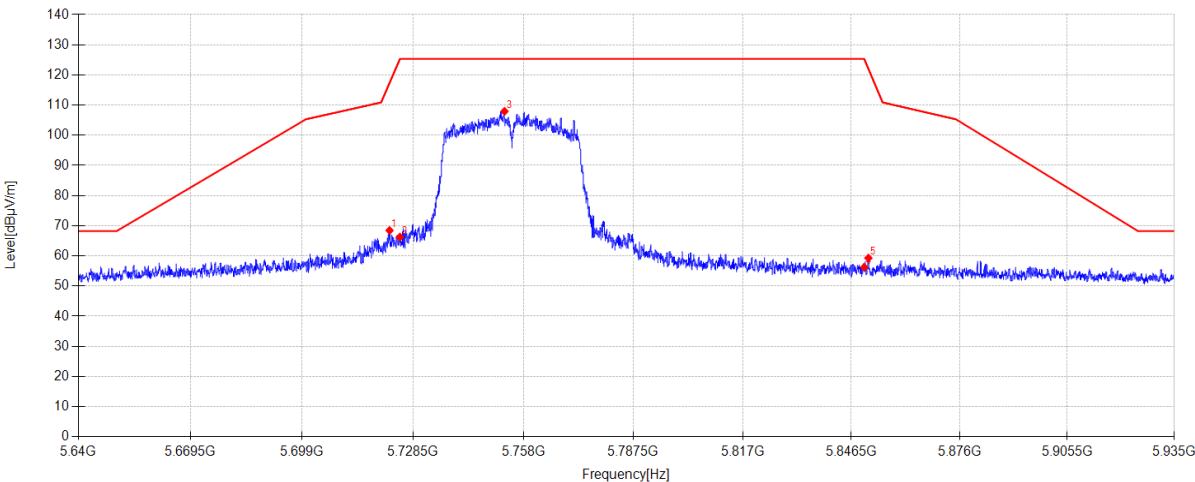
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\30

Memo:

Sample Number: S24111413-008

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         | 5722.246    | 58.64            | 33.73               | 5.66            | -29.60   | 68.43          | 117.37         | 48.94       | PK       | Vertical |
| 2         | 5725.000    | 56.44            | 33.75               | 5.66            | -29.60   | 66.25          | 125.30         | 59.05       | PK       | Vertical |
| 3         | 5752.926    | 97.94            | 33.92               | 5.68            | -29.60   | 107.94         | 125.30         | 17.36       | PK       | Vertical |
| 4         | 5850.000    | 46.07            | 34.00               | 5.74            | -29.60   | 56.21          | 125.30         | 69.09       | PK       | Vertical |
| 5         | 5851.132    | 49.13            | 34.00               | 5.74            | -29.60   | 59.27          | 122.04         | 62.77       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

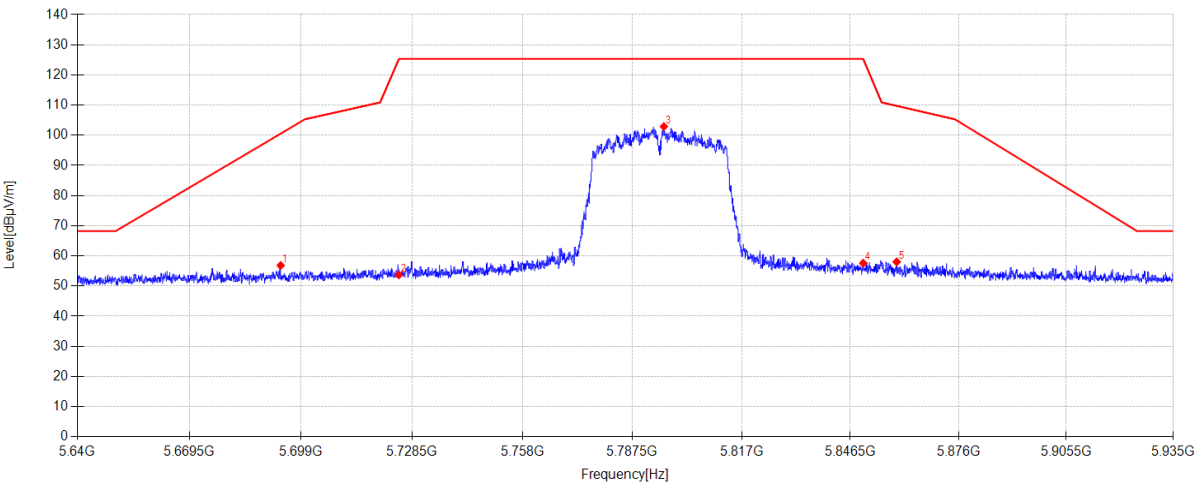
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\31

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5693.602    | 47.22            | 33.57               | 5.64            | -29.60   | 56.83          | 100.55         | 43.72       | PK       | Horizontal |
| 2         | 5725.000    | 43.89            | 33.75               | 5.66            | -29.60   | 53.70          | 125.30         | 71.60       | PK       | Horizontal |
| 3         | 5795.996    | 92.59            | 34.18               | 5.71            | -29.60   | 102.88         | 125.30         | 22.42       | PK       | Horizontal |
| 4         | 5850.000    | 47.45            | 34.00               | 5.74            | -29.60   | 57.59          | 125.30         | 67.71       | PK       | Horizontal |
| 5         | 5859.126    | 47.85            | 34.02               | 5.75            | -29.60   | 58.02          | 109.74         | 51.72       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

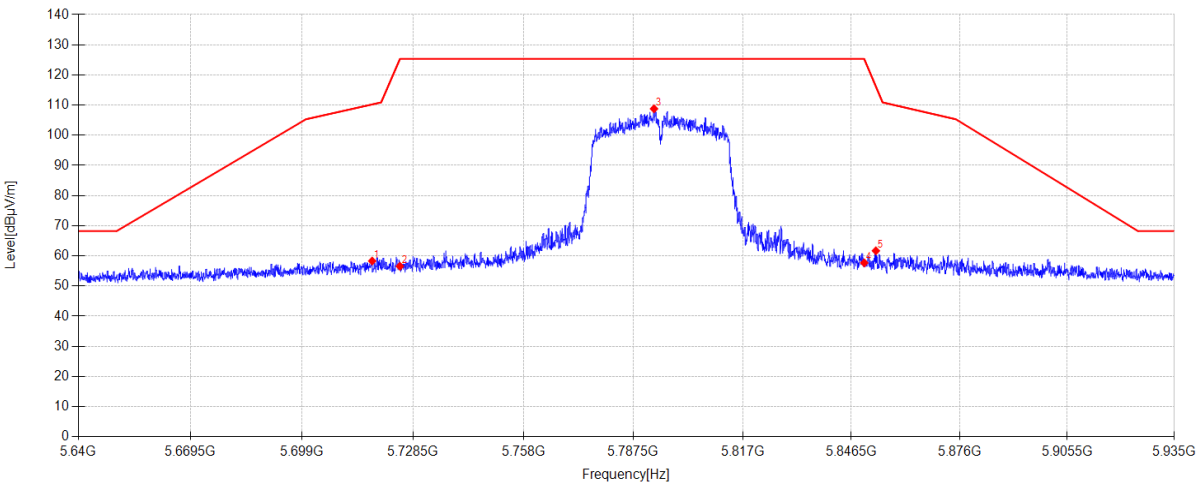
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\32

Memo:

Sample Number: S24111413-008

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         | 5717.615    | 48.55            | 33.71               | 5.65            | -29.60   | 58.31          | 110.23         | 51.92       | PK       | Vertical |
| 2         | 5725.000    | 46.75            | 33.75               | 5.66            | -29.60   | 56.56          | 125.30         | 68.74       | PK       | Vertical |
| 3         | 5793.076    | 98.52            | 34.16               | 5.70            | -29.60   | 108.78         | 125.30         | 16.52       | PK       | Vertical |
| 4         | 5850.000    | 47.54            | 34.00               | 5.74            | -29.60   | 57.68          | 125.30         | 67.62       | PK       | Vertical |
| 5         | 5853.167    | 51.53            | 34.01               | 5.74            | -29.60   | 61.68          | 116.18         | 54.50       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5775 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

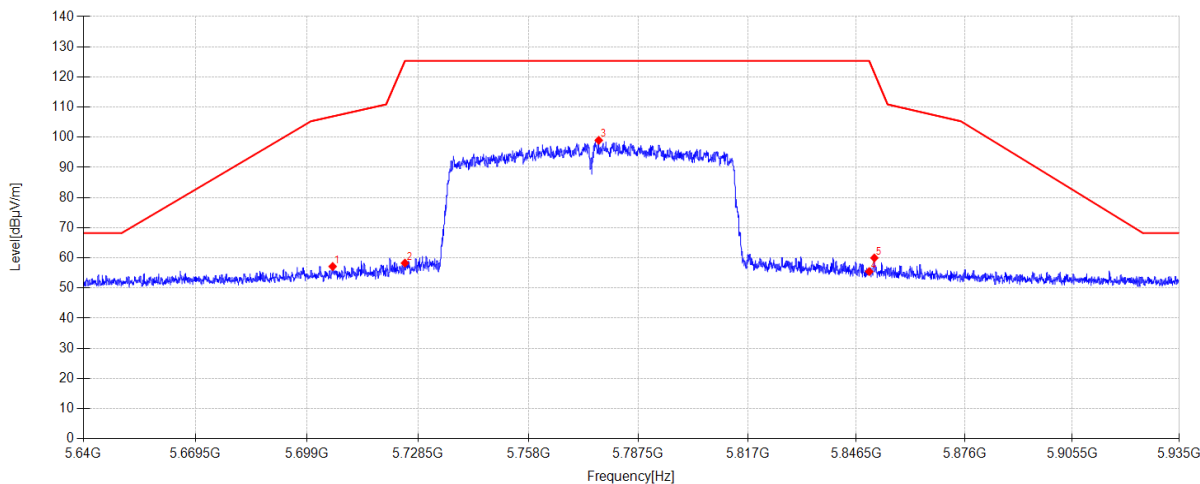
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\33

Memo:

Sample Number: S24111413-008

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         | 5705.785    | 47.46            | 33.63               | 5.65            | -29.60   | 57.14          | 106.92         | 49.78       | PK       | Horizontal |
| 2         | 5725.000    | 48.46            | 33.75               | 5.66            | -29.60   | 58.27          | 125.30         | 67.03       | PK       | Horizontal |
| 3         | 5776.851    | 88.84            | 34.06               | 5.69            | -29.60   | 98.99          | 125.30         | 26.31       | PK       | Horizontal |
| 4         | 5850.000    | 45.32            | 34.00               | 5.74            | -29.60   | 55.46          | 125.30         | 69.84       | PK       | Horizontal |
| 5         | 5851.397    | 49.85            | 34.00               | 5.74            | -29.60   | 59.99          | 121.28         | 61.29       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AC80 MIMO 5775 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

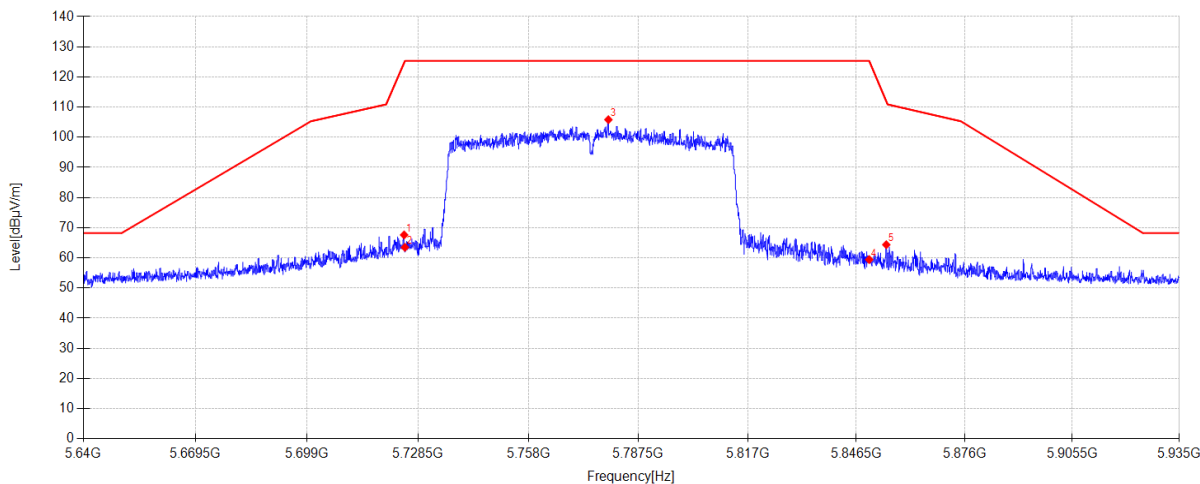
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\34

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5724.783    | 57.80            | 33.75               | 5.66            | -29.60   | 67.61          | 124.68         | 57.07       | PK       | Vertical |
| 2         | 5725.000    | 53.69            | 33.75               | 5.66            | -29.60   | 63.50          | 125.30         | 61.80       | PK       | Vertical |
| 3         | 5779.447    | 95.66            | 34.08               | 5.69            | -29.60   | 105.83         | 125.30         | 19.47       | PK       | Vertical |
| 4         | 5850.000    | 49.30            | 34.00               | 5.74            | -29.60   | 59.44          | 125.30         | 65.86       | PK       | Vertical |
| 5         | 5854.642    | 54.22            | 34.01               | 5.74            | -29.60   | 64.37          | 111.93         | 47.56       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

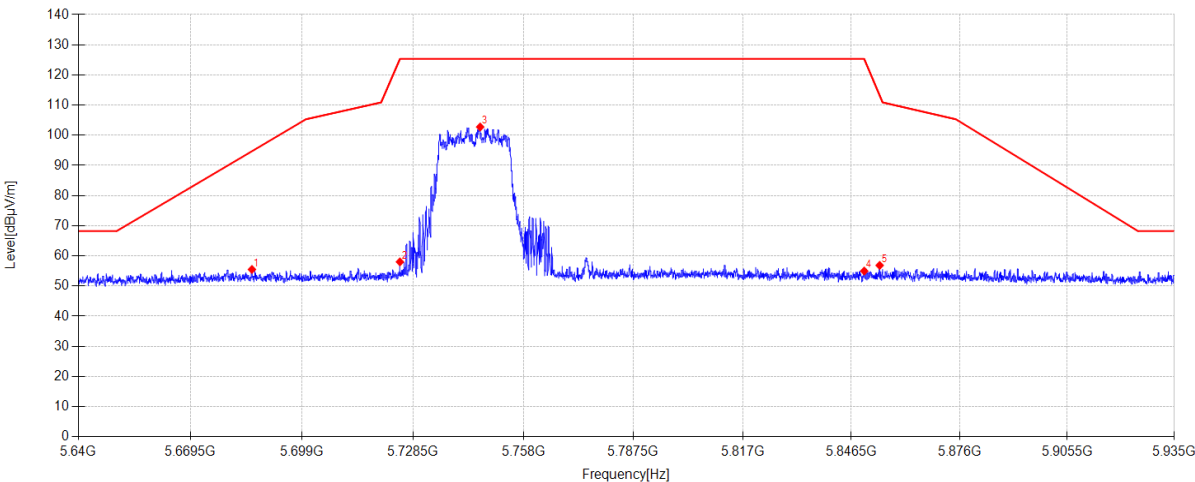
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\35

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5685.725    | 45.94            | 33.54               | 5.63            | -29.60   | 55.51          | 94.71          | 39.20       | PK       | Horizontal |
| 2         | 5725.000    | 48.20            | 33.75               | 5.66            | -29.60   | 58.01          | 125.30         | 67.29       | PK       | Horizontal |
| 3         | 5746.407    | 92.80            | 33.88               | 5.67            | -29.60   | 102.75         | 125.30         | 22.55       | PK       | Horizontal |
| 4         | 5850.000    | 44.83            | 34.00               | 5.74            | -29.60   | 54.97          | 125.30         | 70.33       | PK       | Horizontal |
| 5         | 5854.200    | 46.70            | 34.01               | 5.74            | -29.60   | 56.85          | 113.21         | 56.36       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

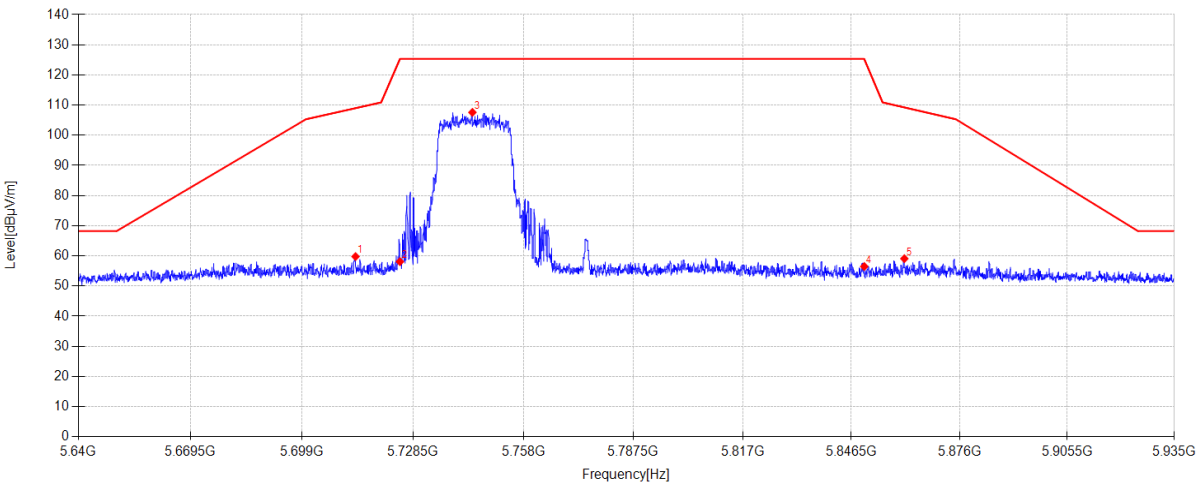
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\36

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5713.190    | 50.05            | 33.68               | 5.65            | -29.60   | 59.78          | 108.99         | 49.21       | PK       | Vertical |
| 2         | 5725.000    | 48.28            | 33.75               | 5.66            | -29.60   | 58.09          | 125.30         | 67.21       | PK       | Vertical |
| 3         | 5744.342    | 97.65            | 33.87               | 5.67            | -29.60   | 107.59         | 125.30         | 17.71       | PK       | Vertical |
| 4         | 5850.000    | 46.34            | 34.00               | 5.74            | -29.60   | 56.48          | 125.30         | 68.82       | PK       | Vertical |
| 5         | 5860.926    | 48.92            | 34.02               | 5.75            | -29.60   | 59.09          | 109.24         | 50.15       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

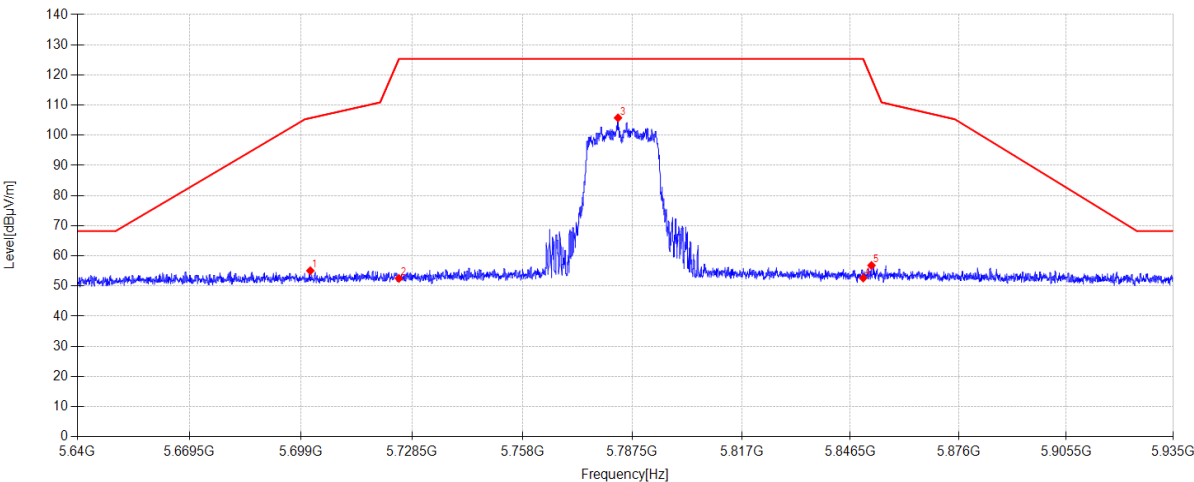
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\37

Memo:

Sample Number: S24111413-008

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         | 5701.449    | 45.42            | 33.61               | 5.64            | -29.60   | 55.07          | 105.71         | 50.64       | PK       | Horizontal |
| 2         | 5725.000    | 42.72            | 33.75               | 5.66            | -29.60   | 52.53          | 125.30         | 72.77       | PK       | Horizontal |
| 3         | 5783.636    | 95.57            | 34.10               | 5.70            | -29.60   | 105.77         | 125.30         | 19.53       | PK       | Horizontal |
| 4         | 5850.000    | 42.51            | 34.00               | 5.74            | -29.60   | 52.65          | 125.30         | 72.65       | PK       | Horizontal |
| 5         | 5852.253    | 46.68            | 34.00               | 5.74            | -29.60   | 56.82          | 118.81         | 61.99       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5785 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

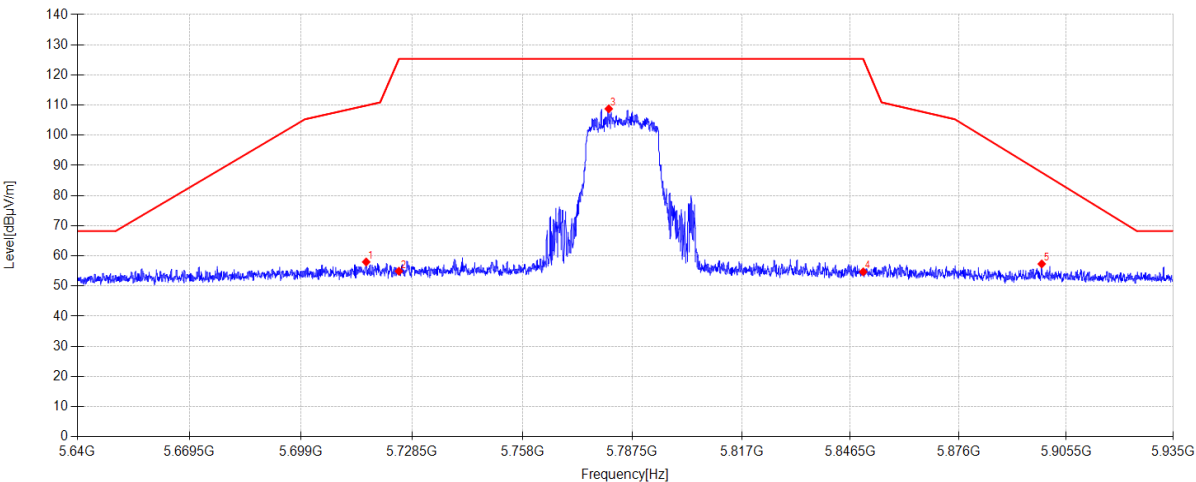
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\38

Memo:

Sample Number: S24111413-008

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         | 5716.287    | 48.23            | 33.70               | 5.65            | -29.60   | 57.98          | 109.86         | 51.88       | PK       | Vertical |
| 2         | 5725.000    | 45.10            | 33.75               | 5.66            | -29.60   | 54.91          | 125.30         | 70.39       | PK       | Vertical |
| 3         | 5781.158    | 98.58            | 34.09               | 5.70            | -29.60   | 108.77         | 125.30         | 16.53       | PK       | Vertical |
| 4         | 5850.000    | 44.57            | 34.00               | 5.74            | -29.60   | 54.71          | 125.30         | 70.59       | PK       | Vertical |
| 5         | 5898.774    | 47.06            | 34.10               | 5.77            | -29.60   | 57.33          | 87.66          | 30.33       | 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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

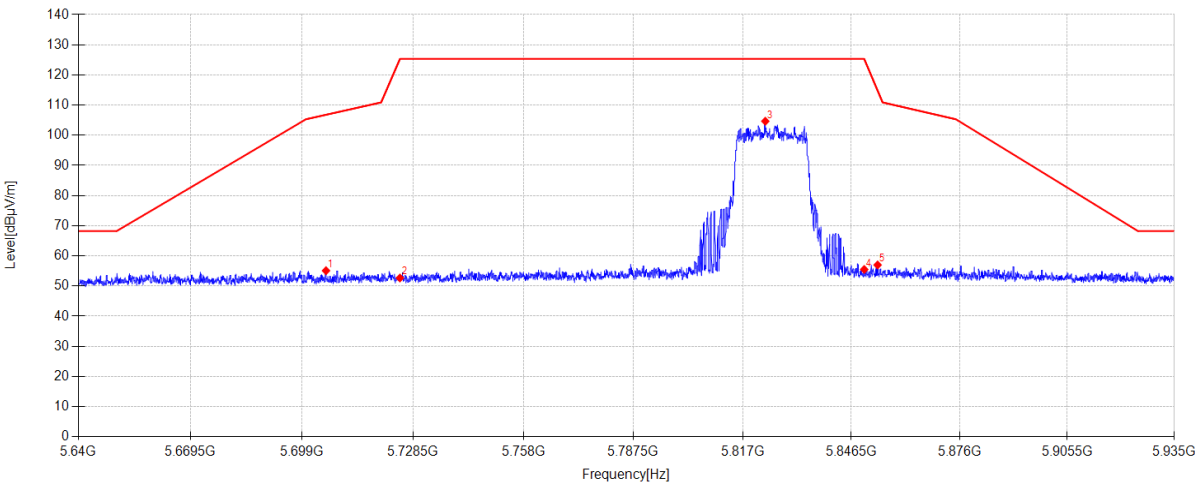
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\39

Memo:

Sample Number: S24111413-008

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         | 5705.343    | 45.41            | 33.63               | 5.65            | -29.60   | 55.09          | 106.80         | 51.71       | PK       | Horizontal |
| 2         | 5725.000    | 42.86            | 33.75               | 5.66            | -29.60   | 52.67          | 125.30         | 72.63       | PK       | Horizontal |
| 3         | 5823.136    | 94.43            | 34.11               | 5.72            | -29.60   | 104.66         | 125.30         | 20.64       | PK       | Horizontal |
| 4         | 5850.000    | 45.36            | 34.00               | 5.74            | -29.60   | 55.50          | 125.30         | 69.80       | PK       | Horizontal |
| 5         | 5853.639    | 46.83            | 34.01               | 5.74            | -29.60   | 56.98          | 114.82         | 57.84       | PK       | Horizontal |

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

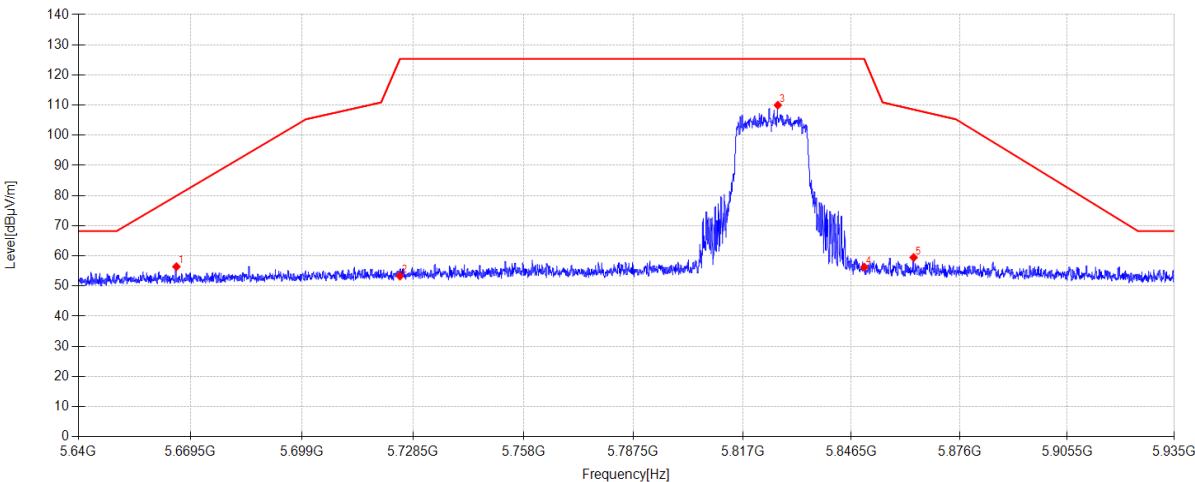
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\40

Memo:

Sample Number: S24111413-008

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         | 5665.783    | 46.94            | 33.46               | 5.62            | -29.60   | 56.42          | 79.91          | 23.49       | PK       | Vertical |
| 2         | 5725.000    | 43.48            | 33.75               | 5.66            | -29.60   | 53.29          | 125.30         | 72.01       | PK       | Vertical |
| 3         | 5826.529    | 99.76            | 34.09               | 5.73            | -29.60   | 109.98         | 125.30         | 15.32       | PK       | Vertical |
| 4         | 5850.000    | 46.13            | 34.00               | 5.74            | -29.60   | 56.27          | 125.30         | 69.03       | PK       | Vertical |
| 5         | 5863.463    | 49.28            | 34.03               | 5.75            | -29.60   | 59.46          | 108.53         | 49.07       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

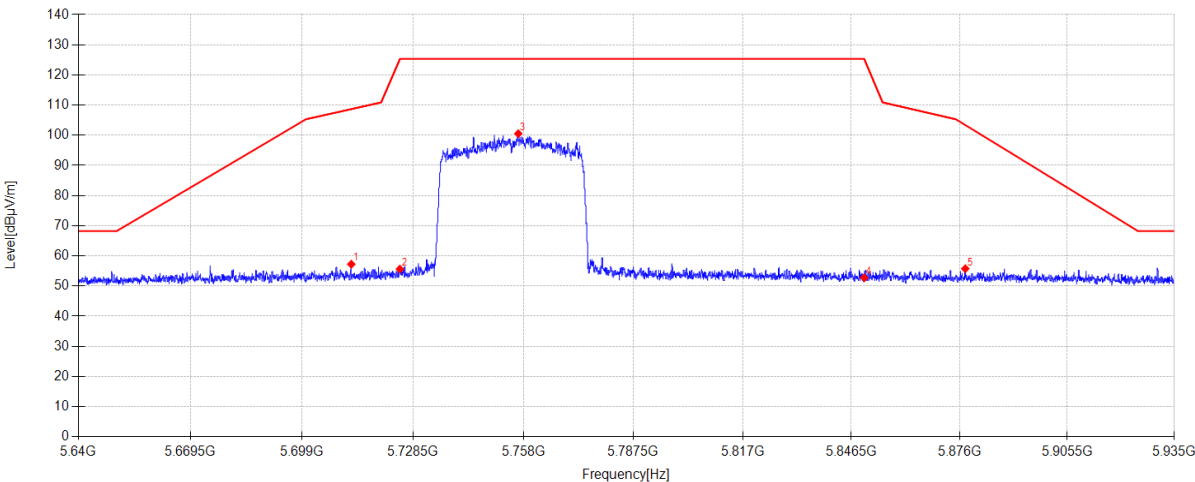
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\41

Memo:

Sample Number: S24111413-008

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         | 5712.069    | 47.51            | 33.67               | 5.65            | -29.60   | 57.23          | 108.68         | 51.45       | PK       | Horizontal |
| 2         | 5725.000    | 45.81            | 33.75               | 5.66            | -29.60   | 55.62          | 125.30         | 69.68       | PK       | Horizontal |
| 3         | 5756.614    | 90.51            | 33.94               | 5.68            | -29.60   | 100.53         | 125.30         | 24.77       | PK       | Horizontal |
| 4         | 5850.000    | 42.60            | 34.00               | 5.74            | -29.60   | 52.74          | 125.30         | 72.56       | PK       | Horizontal |
| 5         | 5877.564    | 45.53            | 34.06               | 5.76            | -29.60   | 55.75          | 103.40         | 47.65       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5755 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

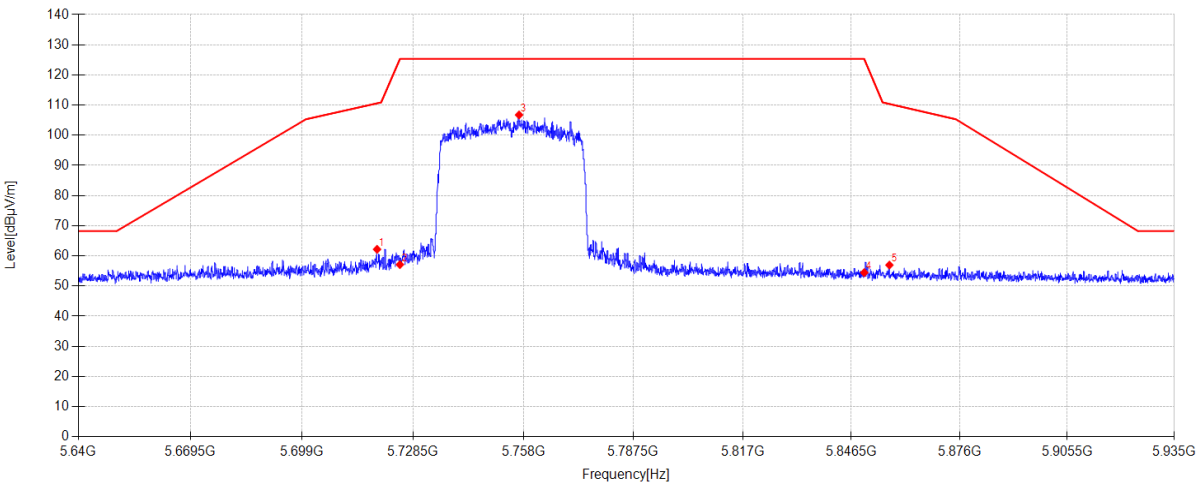
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\42

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5718.913    | 52.42            | 33.71               | 5.65            | -29.60   | 62.18          | 110.60         | 48.42       | PK       | Vertical |
| 2         | 5725.000    | 47.29            | 33.75               | 5.66            | -29.60   | 57.10          | 125.30         | 68.20       | PK       | Vertical |
| 3         | 5756.820    | 96.72            | 33.94               | 5.68            | -29.60   | 106.74         | 125.30         | 18.56       | PK       | Vertical |
| 4         | 5850.000    | 44.31            | 34.00               | 5.74            | -29.60   | 54.45          | 125.30         | 70.85       | PK       | Vertical |
| 5         | 5856.855    | 46.80            | 34.01               | 5.75            | -29.60   | 56.96          | 110.38         | 53.42       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

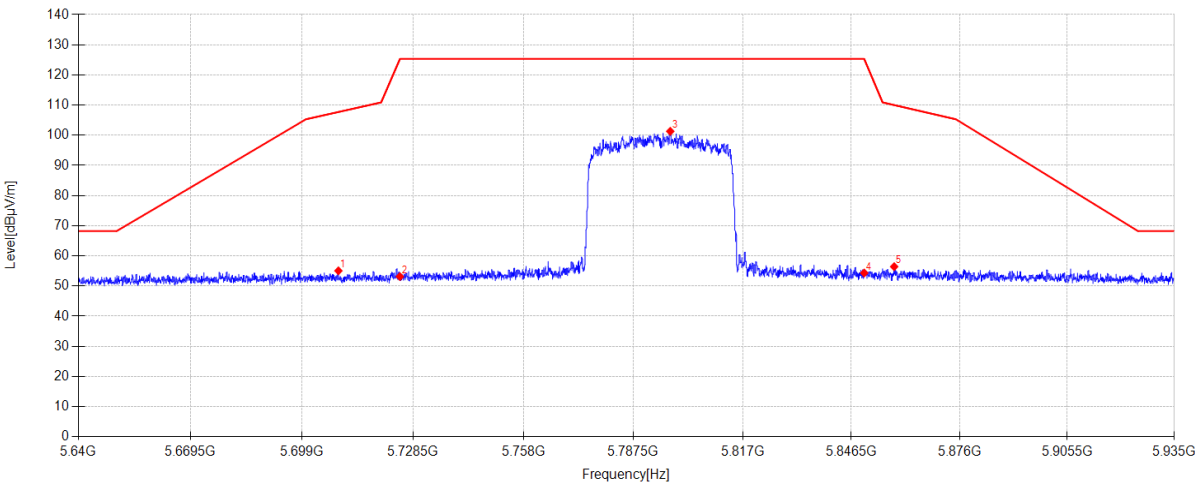
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\43

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5708.647    | 45.36            | 33.65               | 5.65            | -29.60   | 55.06          | 107.72         | 52.66       | PK       | Horizontal |
| 2         | 5725.000    | 43.34            | 33.75               | 5.66            | -29.60   | 53.15          | 125.30         | 72.15       | PK       | Horizontal |
| 3         | 5797.442    | 91.02            | 34.18               | 5.71            | -29.60   | 101.31         | 125.30         | 23.99       | PK       | Horizontal |
| 4         | 5850.000    | 44.19            | 34.00               | 5.74            | -29.60   | 54.33          | 125.30         | 70.97       | PK       | Horizontal |
| 5         | 5858.153    | 46.26            | 34.02               | 5.75            | -29.60   | 56.43          | 110.02         | 53.59       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX40 MIMO 5795 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

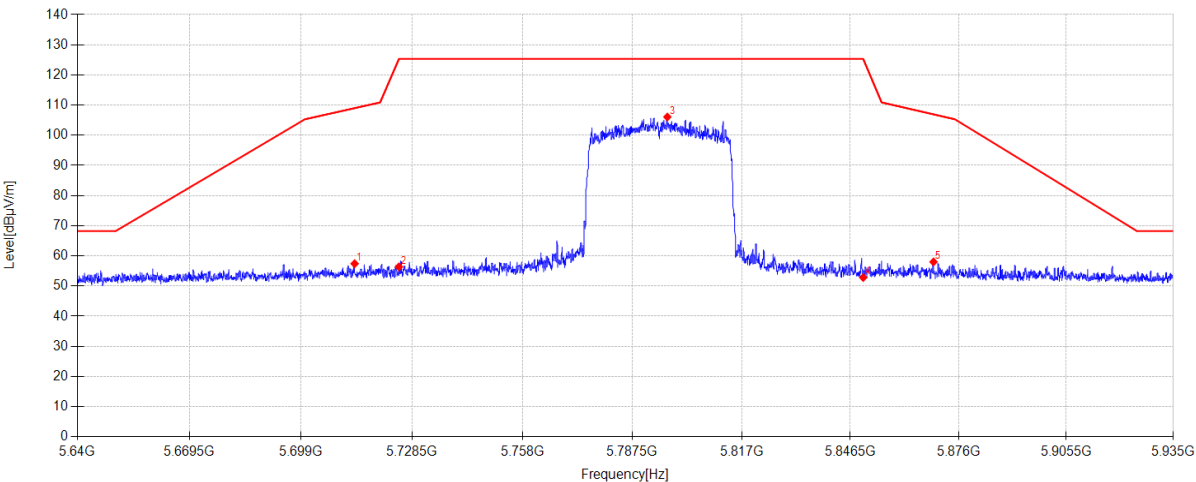
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\44

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5713.219    | 47.68            | 33.68               | 5.65            | -29.60   | 57.41          | 109.00         | 51.59       | PK       | Vertical |
| 2         | 5725.000    | 46.55            | 33.75               | 5.66            | -29.60   | 56.36          | 125.30         | 68.94       | PK       | Vertical |
| 3         | 5796.940    | 95.78            | 34.18               | 5.71            | -29.60   | 106.07         | 125.30         | 19.23       | PK       | Vertical |
| 4         | 5850.000    | 42.69            | 34.00               | 5.74            | -29.60   | 52.83          | 125.30         | 72.47       | PK       | Vertical |
| 5         | 5869.156    | 47.82            | 34.04               | 5.75            | -29.60   | 58.01          | 106.94         | 48.93       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5775 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

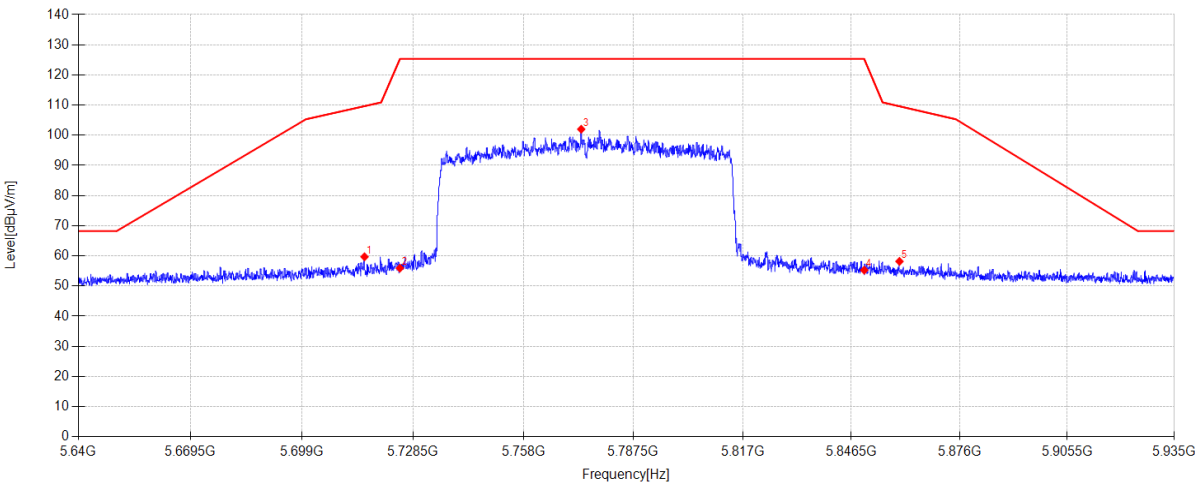
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\45

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5715.579    | 49.95            | 33.69               | 5.65            | -29.60   | 59.69          | 109.66         | 49.97       | PK       | Horizontal |
| 2         | 5725.000    | 46.12            | 33.75               | 5.66            | -29.60   | 55.93          | 125.30         | 69.37       | PK       | Horizontal |
| 3         | 5773.488    | 91.88            | 34.04               | 5.69            | -29.60   | 102.01         | 125.30         | 23.29       | PK       | Horizontal |
| 4         | 5850.000    | 45.14            | 34.00               | 5.74            | -29.60   | 55.28          | 125.30         | 70.02       | PK       | Horizontal |
| 5         | 5859.598    | 48.00            | 34.02               | 5.75            | -29.60   | 58.17          | 109.61         | 51.44       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX80 MIMO 5775 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

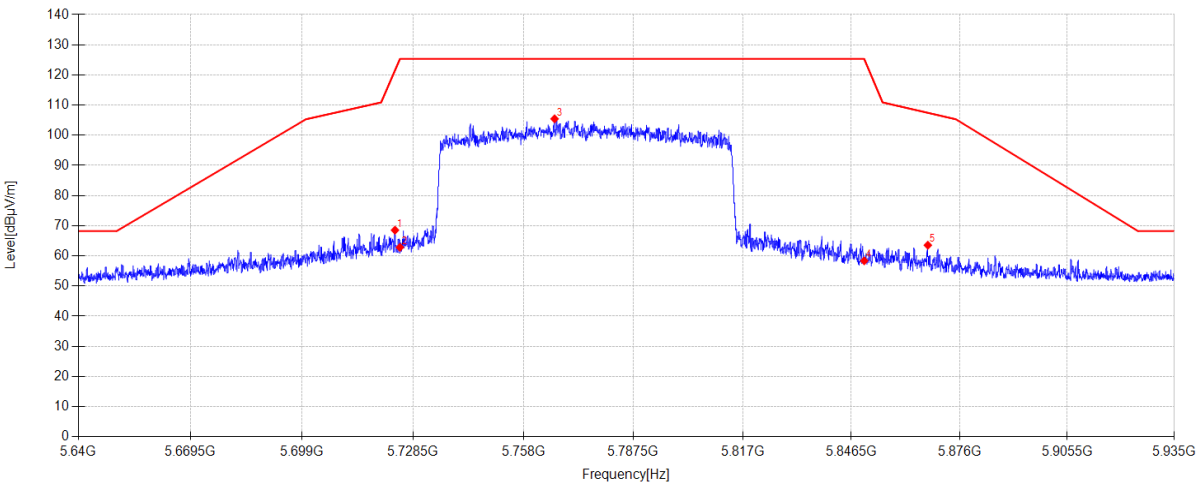
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\46

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5723.692    | 58.73            | 33.74               | 5.66            | -29.60   | 68.53          | 121.53         | 53.00       | PK       | Vertical |
| 2         | 5725.000    | 53.01            | 33.75               | 5.66            | -29.60   | 62.82          | 125.30         | 62.48       | PK       | Vertical |
| 3         | 5766.349    | 95.36            | 34.00               | 5.69            | -29.60   | 105.45         | 125.30         | 19.85       | PK       | Vertical |
| 4         | 5850.000    | 48.23            | 34.00               | 5.74            | -29.60   | 58.37          | 125.30         | 66.93       | PK       | Vertical |
| 5         | 5867.327    | 53.36            | 34.03               | 5.75            | -29.60   | 63.54          | 107.45         | 43.91       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

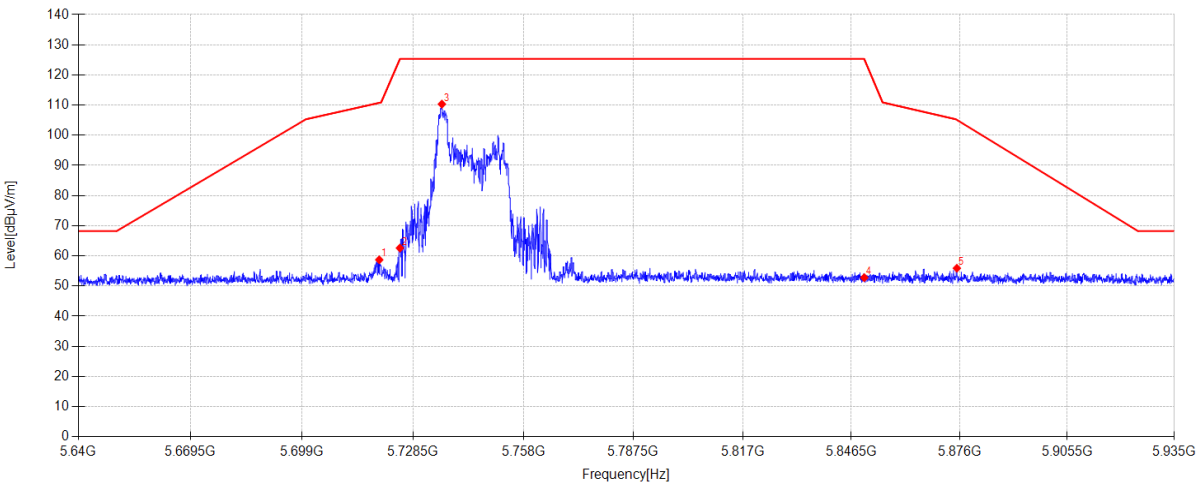
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\49

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5719.503    | 48.93            | 33.72               | 5.65            | -29.60   | 58.70          | 110.76         | 52.06       | PK       | Horizontal |
| 2         | 5725.000    | 52.78            | 33.75               | 5.66            | -29.60   | 62.59          | 125.30         | 62.71       | PK       | Horizontal |
| 3         | 5736.200    | 100.44           | 33.82               | 5.67            | -29.60   | 110.33         | 125.30         | 14.97       | PK       | Horizontal |
| 4         | 5850.000    | 42.64            | 34.00               | 5.74            | -29.60   | 52.78          | 125.30         | 72.52       | PK       | Horizontal |
| 5         | 5875.263    | 45.69            | 34.05               | 5.76            | -29.60   | 55.90          | 105.11         | 49.21       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU0 5745 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

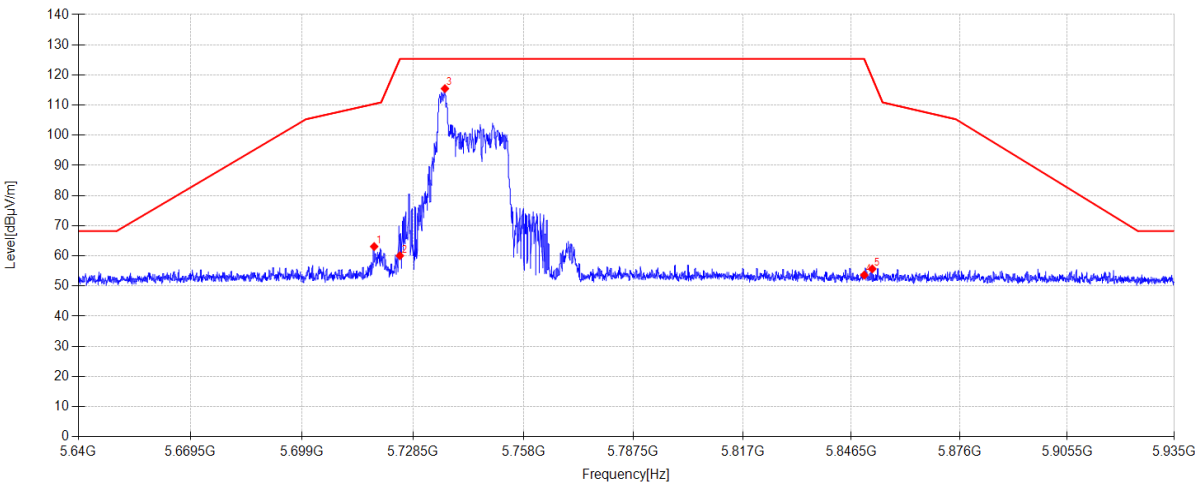
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\50

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |          |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1         | 5718.146    | 53.33            | 33.71               | 5.65            | -29.60   | 63.09          | 110.38         | 47.29       | PK       | Vertical |
| 2         | 5725.000    | 50.24            | 33.75               | 5.66            | -29.60   | 60.05          | 125.30         | 65.25       | PK       | Vertical |
| 3         | 5736.996    | 105.58           | 33.82               | 5.67            | -29.60   | 115.47         | 125.30         | 9.83        | PK       | Vertical |
| 4         | 5850.000    | 43.49            | 34.00               | 5.74            | -29.60   | 53.63          | 125.30         | 71.67       | PK       | Vertical |
| 5         | 5852.194    | 45.56            | 34.00               | 5.74            | -29.60   | 55.70          | 118.98         | 63.28       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

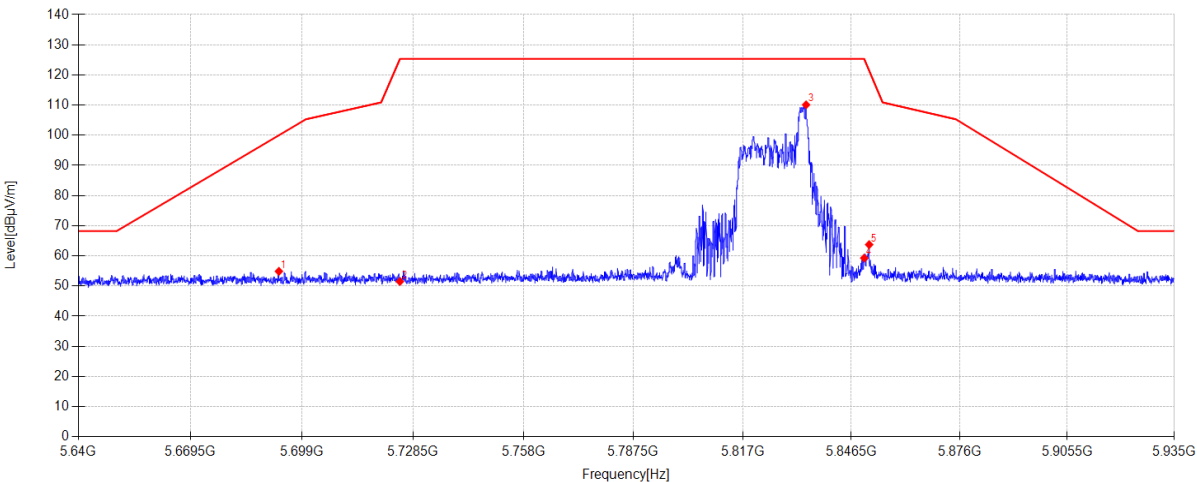
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\47

Memo:

Sample Number: S24111413-008

Test Graph



| Data List |             |                  |                     |                 |          |                |                |             |          |            |
|-----------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.       | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1         | 5692.864    | 45.27            | 33.57               | 5.64            | -29.60   | 54.88          | 100.01         | 45.13       | PK       | Horizontal |
| 2         | 5725.000    | 41.69            | 33.75               | 5.66            | -29.60   | 51.50          | 125.30         | 73.80       | PK       | Horizontal |
| 3         | 5834.199    | 99.92            | 34.06               | 5.73            | -29.60   | 110.11         | 125.30         | 15.19       | PK       | Horizontal |
| 4         | 5850.000    | 49.13            | 34.00               | 5.74            | -29.60   | 59.27          | 125.30         | 66.03       | PK       | Horizontal |
| 5         | 5851.338    | 53.59            | 34.00               | 5.74            | -29.60   | 63.73          | 121.45         | 57.72       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-11-21

Tested By:

Guoyuan Lin

EUT:

Multi-Channel Soundbar with wireless subwoofer

Model Number:

BAR 500MK2

Test Mode:

11AX20 MIMO RU8 5825 MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.8°C;Humi:47.2%

Test Site:

DDT 3# Chamber

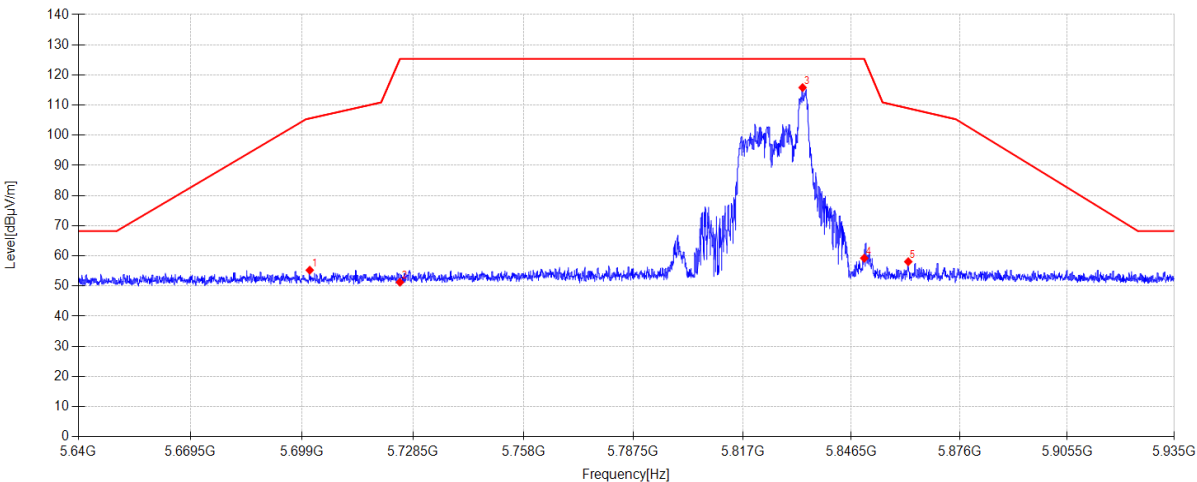
File Path:

d:\ts\2024 report data\BAR500\FCC RE Above 1G 5.8G\48

Memo:

Sample Number: S24111413-008

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         | 5701.036    | 45.61            | 33.61               | 5.64            | -29.60   | 55.26          | 105.59         | 50.33       | PK       | Vertical |
| 2         | 5725.000    | 41.45            | 33.75               | 5.66            | -29.60   | 51.26          | 125.30         | 74.04       | PK       | Vertical |
| 3         | 5833.255    | 105.61           | 34.07               | 5.73            | -29.60   | 115.81         | 125.30         | 9.49        | PK       | Vertical |
| 4         | 5850.000    | 49.09            | 34.00               | 5.74            | -29.60   | 59.23          | 125.30         | 66.07       | PK       | Vertical |
| 5         | 5861.988    | 47.90            | 34.02               | 5.75            | -29.60   | 58.07          | 108.94         | 50.87       | PK       | Vertical |

Note:

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

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

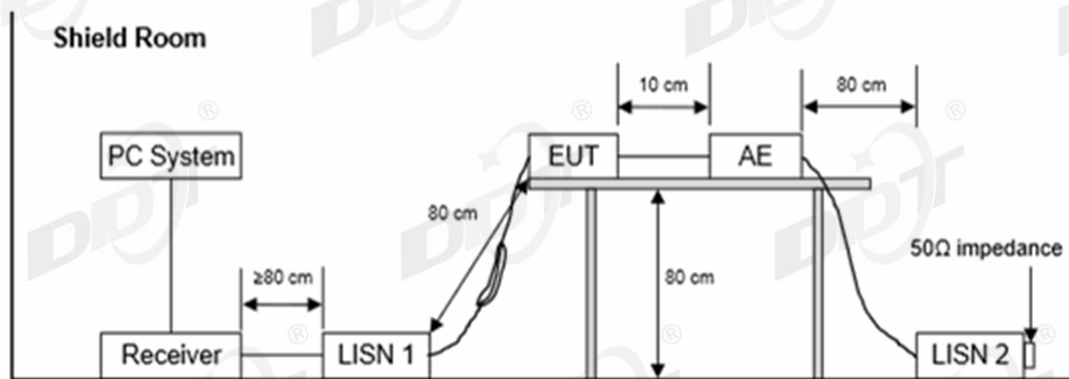
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## 15.Power Line Conducted Emissions

### 15.1. Test equipment

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

### 15.2. Block diagram of test setup



### 15.3. Limits

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

Note 1: \* Decreasing linearly with logarithm of frequency.

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

### 15.4. Assistant equipment used for test

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

### 15.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

### 15.6. Test result

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

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

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

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

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

Test Date : 2024-12-12

EUT : Multi-Channel Soundbar with wireless subwoofer

Power Supply : AC 120V/60Hz

Condition : Temp:21.9°C,Humi:52.5%

Memo : Sample Number: S24111413-008

D:\2024 Report Date\Q24111411-2E\1212 CE-1.EM6

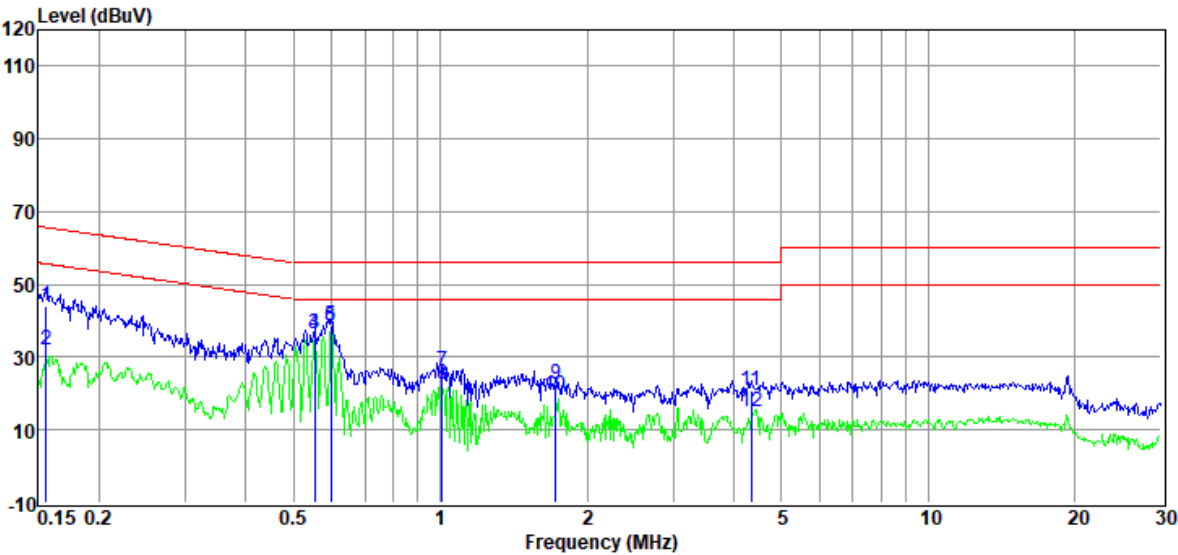
Tested By : Genliu

Model Number : BAR 500MK2

Test Mode : Tx mode

LISN : 2024 ENV216 3#/NEUTRAL

Data: 18



| Item   | Freq. | Read Level | LISN Factor | Cable Loss | Pulse Limiter Factor | Result Level | Limit Line | Over Limit | Detector | Phase   |
|--------|-------|------------|-------------|------------|----------------------|--------------|------------|------------|----------|---------|
| (Mark) | (MHz) | (dBμV)     | (dB)        | (dB)       | (dB)                 | (dBμV)       | (dBμV)     | (dB)       |          |         |
| 1      | 0.16  | 24.46      | 9.78        | 0.07       | 9.83                 | 44.14        | 65.69      | -21.55     | QP       | NEUTRAL |
| 2      | 0.16  | 12.36      | 9.78        | 0.07       | 9.83                 | 32.04        | 55.69      | -23.65     | Average  | NEUTRAL |
| 3      | 0.55  | 16.74      | 9.76        | 0.10       | 9.83                 | 36.43        | 56.00      | -19.57     | QP       | NEUTRAL |
| 4      | 0.55  | 16.61      | 9.76        | 0.10       | 9.83                 | 36.30        | 46.00      | -9.70      | Average  | NEUTRAL |
| 5      | 0.60  | 19.05      | 9.75        | 0.09       | 9.83                 | 38.72        | 56.00      | -17.28     | QP       | NEUTRAL |
| 6      | 0.60  | 18.37      | 9.75        | 0.09       | 9.83                 | 38.04        | 46.00      | -7.96      | Average  | NEUTRAL |
| 7      | 1.01  | 6.46       | 9.76        | 0.12       | 9.84                 | 26.18        | 56.00      | -29.82     | QP       | NEUTRAL |
| 8      | 1.01  | 2.89       | 9.76        | 0.12       | 9.84                 | 22.61        | 46.00      | -23.39     | Average  | NEUTRAL |
| 9      | 1.73  | 2.73       | 9.77        | 0.11       | 9.84                 | 22.45        | 56.00      | -33.55     | QP       | NEUTRAL |
| 10     | 1.73  | -0.36      | 9.77        | 0.11       | 9.84                 | 19.36        | 46.00      | -26.64     | Average  | NEUTRAL |
| 11     | 4.34  | 1.30       | 9.79        | 0.10       | 9.85                 | 21.04        | 56.00      | -34.96     | QP       | NEUTRAL |
| 12     | 4.34  | -4.51      | 9.79        | 0.10       | 9.85                 | 15.23        | 46.00      | -30.77     | Average  | NEUTRAL |

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

Test Date : 2024-12-12

EUT : Multi-Channel Soundbar with wireless subwoofer

Power Supply : AC 120V/60Hz

Condition : Temp:21.9°C,Humi:52.5%

Memo : Sample Number: S24111413-008

D:\2024 Report Date\Q24111411-2E\1212 CE-1,EM6

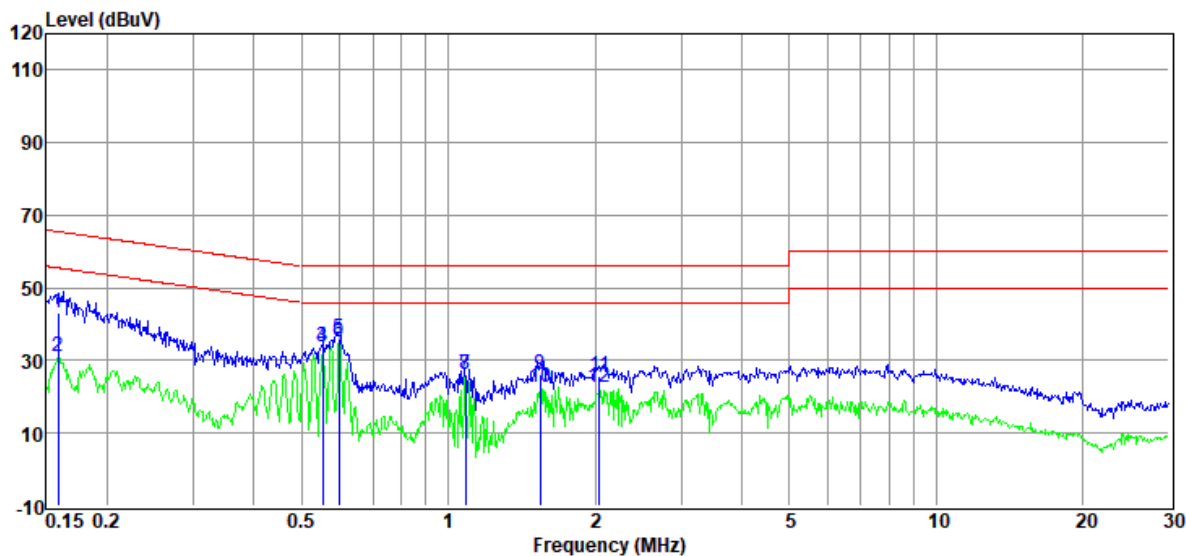
Tested By : Genliu

Model Number : BAR 500MK2

Test Mode : Tx mode

LISN : 2024 ENV216 3#/LINE

Data: 20



| Item   | Freq. | Read Level | LISN Factor | Cable Loss | Pulse Limiter Factor | Result Level | Limit Line | Over Limit | Detector | Phase |
|--------|-------|------------|-------------|------------|----------------------|--------------|------------|------------|----------|-------|
| (Mark) | (MHz) | (dBμV)     | (dB)        | (dB)       | (dB)                 | (dBμV)       | (dBμV)     | (dB)       |          |       |
| 1      | 0.16  | 23.70      | 9.78        | 0.07       | 9.83                 | 43.38        | 65.52      | -22.14     | QP       | LINE  |
| 2      | 0.16  | 11.63      | 9.78        | 0.07       | 9.83                 | 31.31        | 55.52      | -24.21     | Average  | LINE  |
| 3      | 0.55  | 14.11      | 9.75        | 0.10       | 9.83                 | 33.79        | 56.00      | -22.21     | QP       | LINE  |
| 4      | 0.55  | 14.03      | 9.75        | 0.10       | 9.83                 | 33.71        | 46.00      | -12.29     | Average  | LINE  |
| 5      | 0.60  | 16.50      | 9.75        | 0.09       | 9.83                 | 36.17        | 56.00      | -19.83     | QP       | LINE  |
| 6      | 0.60  | 15.59      | 9.75        | 0.09       | 9.83                 | 35.26        | 46.00      | -10.74     | Average  | LINE  |
| 7      | 1.08  | 6.64       | 9.74        | 0.12       | 9.84                 | 26.34        | 56.00      | -29.66     | QP       | LINE  |
| 8      | 1.08  | 6.43       | 9.74        | 0.12       | 9.84                 | 26.13        | 46.00      | -19.87     | Average  | LINE  |
| 9      | 1.54  | 6.51       | 9.75        | 0.11       | 9.84                 | 26.21        | 56.00      | -29.79     | QP       | LINE  |
| 10     | 1.54  | 2.91       | 9.75        | 0.11       | 9.84                 | 22.61        | 46.00      | -23.39     | Average  | LINE  |
| 11     | 2.04  | 6.01       | 9.75        | 0.11       | 9.84                 | 25.71        | 56.00      | -30.29     | QP       | LINE  |
| 12     | 2.04  | 2.83       | 9.75        | 0.11       | 9.84                 | 22.53        | 46.00      | -23.47     | Average  | LINE  |

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

## 17. Photos of the EUT

Please refer to DDT-Q24111413-1E appendix I

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