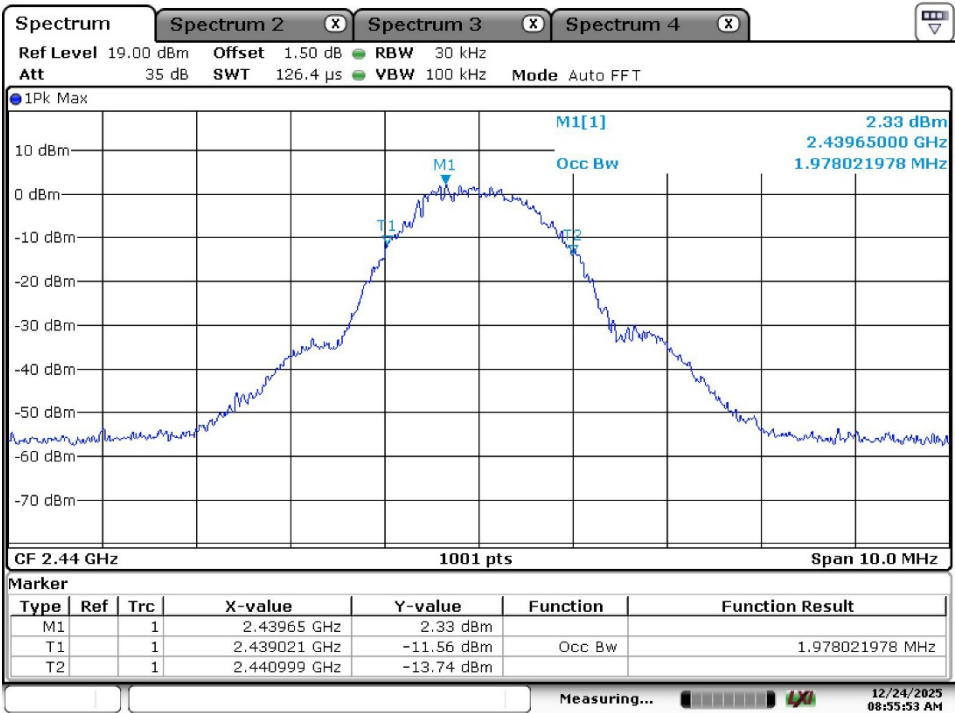
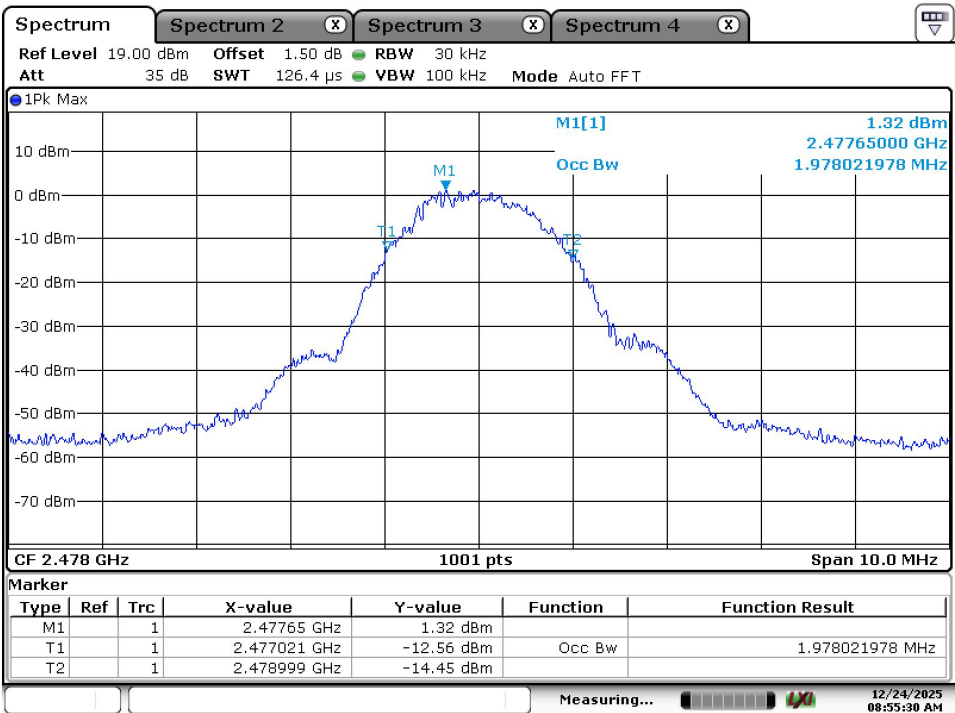




Date: 24.DEC.2025 08:55:53



Date: 24.DEC.2025 08:55:30

## Appendix B.4: Test Results of Frequency stability

|                       |      |
|-----------------------|------|
| Test Channel<br>(MHz) | 2402 |
|-----------------------|------|

### Test result of frequency tolerance of voltage variation

| Voltage  | Test result<br>(MHz) | Deviation Frequency<br>(KHz) | Test result<br>(ppm) | Limit (ppm) |
|----------|----------------------|------------------------------|----------------------|-------------|
| DC 12V   | 2401.988             | -12                          | -5.00                | 10          |
| DC 10.8V | 2401.986             | -14                          | -5.83                |             |
| DC 13.2V | 2401.990             | -10                          | -4.16                |             |

### Test result of frequency tolerance of temperature variation

| Temperature<br>(°C) | Test result (MHz) | Deviation Frequency<br>(KHz) | Test result<br>(ppm) | Limit (ppm) |
|---------------------|-------------------|------------------------------|----------------------|-------------|
| -20                 | 2401.986          | -14                          | -5.83                | 10          |
| -10                 | 2401.985          | -15                          | -6.24                |             |
| 0                   | 2401.986          | -14                          | -5.83                |             |
| 10                  | 2401.989          | -11                          | -4.58                |             |
| 20                  | 2401.990          | -10                          | -4.16                |             |
| 30                  | 2401.988          | -12                          | -5.00                |             |
| 40                  | 2401.988          | -12                          | -5.00                |             |
| 50                  | 2401.987          | -13                          | -5.41                |             |
| 60                  | 2401.985          | -15                          | -6.24                |             |
| 70                  | 2401.983          | -17                          | -7.08                |             |

|                       |      |
|-----------------------|------|
| Test Channel<br>(MHz) | 2440 |
|-----------------------|------|

### Test result of frequency tolerance of voltage variation

| Voltage  | Test result<br>(MHz) | Deviation Frequency<br>(KHz) | Test result<br>(ppm) | Limit (ppm) |
|----------|----------------------|------------------------------|----------------------|-------------|
| DC 12V   | 2439.995             | -5                           | -2.05                | 10          |
| DC 10.8V | 2439.994             | -6                           | -2.46                |             |
| DC 13.2V | 2439.993             | -7                           | -2.87                |             |

### Test result of frequency tolerance of temperature variation

| Temperature<br>(°C) | Test result (MHz) | Deviation Frequency<br>(KHz) | Test result<br>(ppm) | Limit (ppm) |
|---------------------|-------------------|------------------------------|----------------------|-------------|
| -20                 | 2439.993          | -7                           | -2.87                | 10          |
| -10                 | 2439.996          | -4                           | -1.64                |             |
| 0                   | 2439.995          | -5                           | -2.05                |             |
| 10                  | 2439.992          | -8                           | -3.28                |             |
| 20                  | 2439.993          | -7                           | -2.87                |             |
| 30                  | 2439.991          | -9                           | -3.69                |             |
| 40                  | 2439.994          | -6                           | -2.46                |             |
| 50                  | 2439.996          | -4                           | -1.64                |             |
| 60                  | 2439.997          | -3                           | -1.23                |             |
| 70                  | 2439.994          | -6                           | -2.46                |             |

|                       |      |
|-----------------------|------|
| Test Channel<br>(MHz) | 2480 |
|-----------------------|------|

**Test result of frequency tolerance of voltage variation**

| Voltage  | Test result<br>(MHz) | Deviation Frequency<br>(KHz) | Test result<br>(ppm) | Limit (ppm) |
|----------|----------------------|------------------------------|----------------------|-------------|
| DC 12V   | 2479.997             | -3                           | -1.21                | 10          |
| DC 10.8V | 2479.995             | -5                           | -2.02                |             |
| DC 13.2V | 2479.996             | -4                           | -1.61                |             |

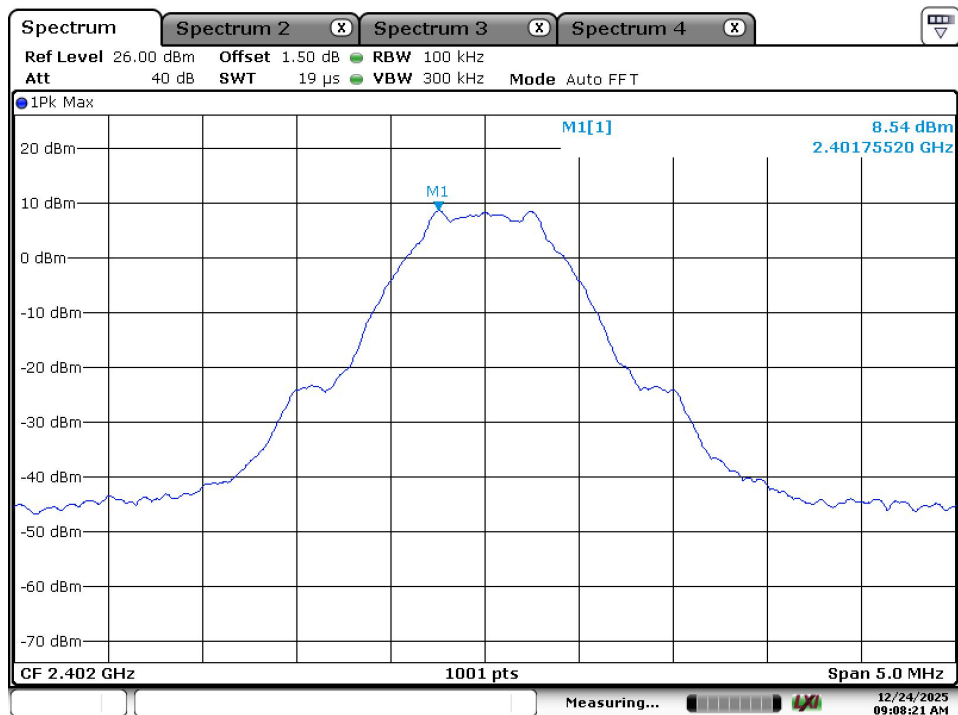
**Test result of frequency tolerance of temperature variation**

| Temperature<br>(°C) | Test result (MHz) | Deviation Frequency<br>(KHz) | Test result<br>(ppm) | Limit (ppm) |
|---------------------|-------------------|------------------------------|----------------------|-------------|
| -20                 | 2479.995          | -5                           | -2.02                | 10          |
| -10                 | 2479.995          | -5                           | -2.02                |             |
| 0                   | 2479.993          | -7                           | -2.82                |             |
| 10                  | 2479.994          | -6                           | -2.42                |             |
| 20                  | 2479.993          | -7                           | -2.82                |             |
| 30                  | 2479.995          | -5                           | -2.02                |             |
| 40                  | 2479.996          | -4                           | -1.61                |             |
| 50                  | 2479.996          | -4                           | -1.61                |             |
| 60                  | 2479.993          | -7                           | -2.82                |             |
| 70                  | 2479.995          | -5                           | -2.02                |             |

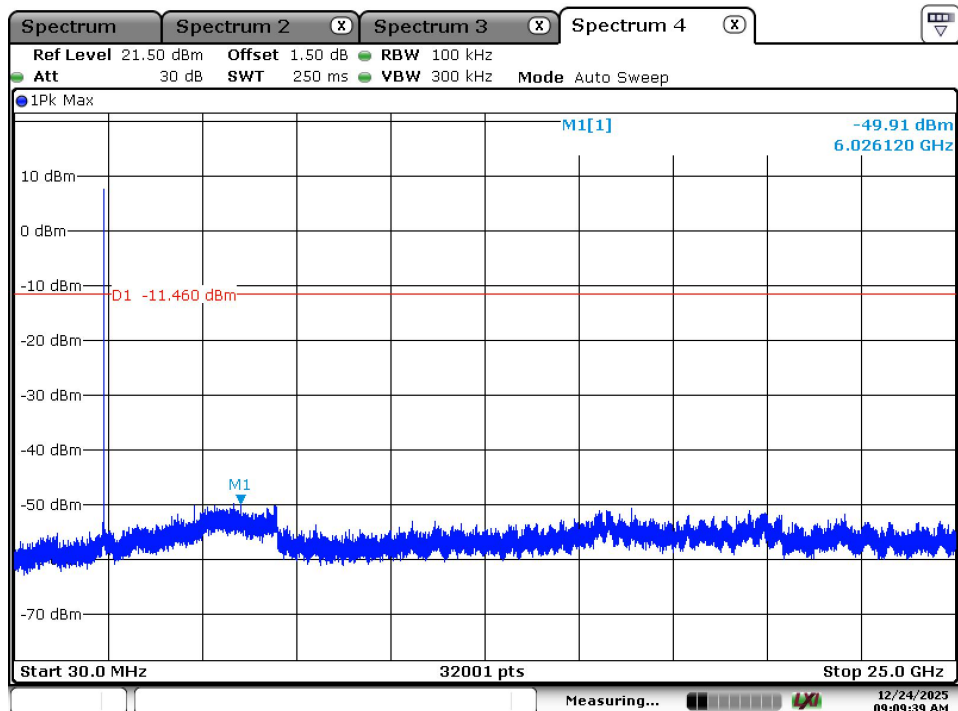
## Appendix B.5: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Bluetooth LE Mode, 1Mbps

Low Channel:

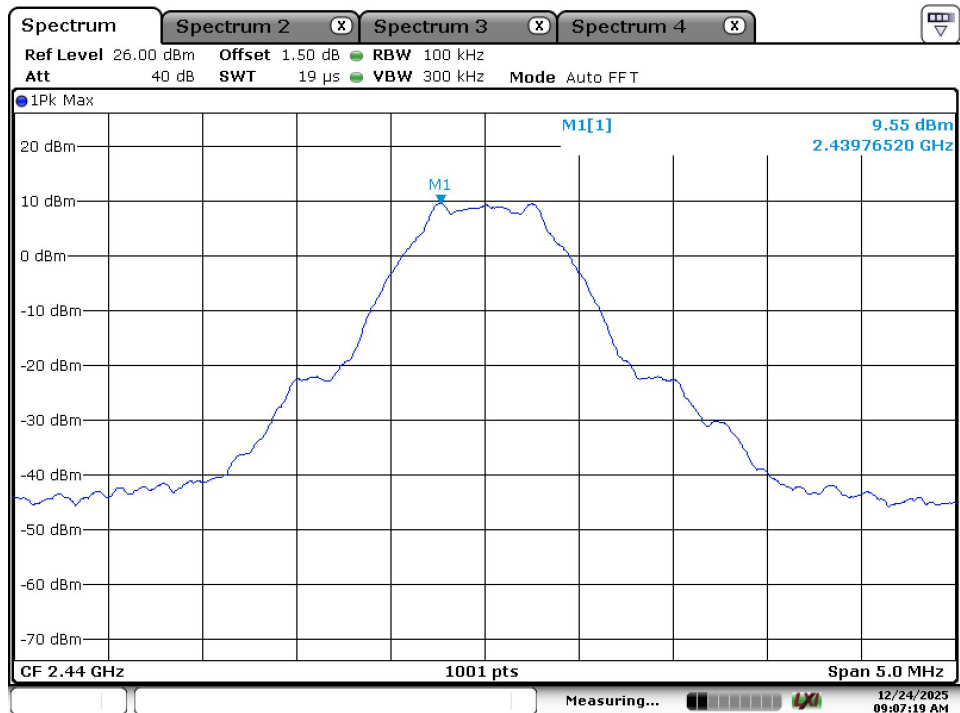


Date: 24.DEC.2025 09:08:21

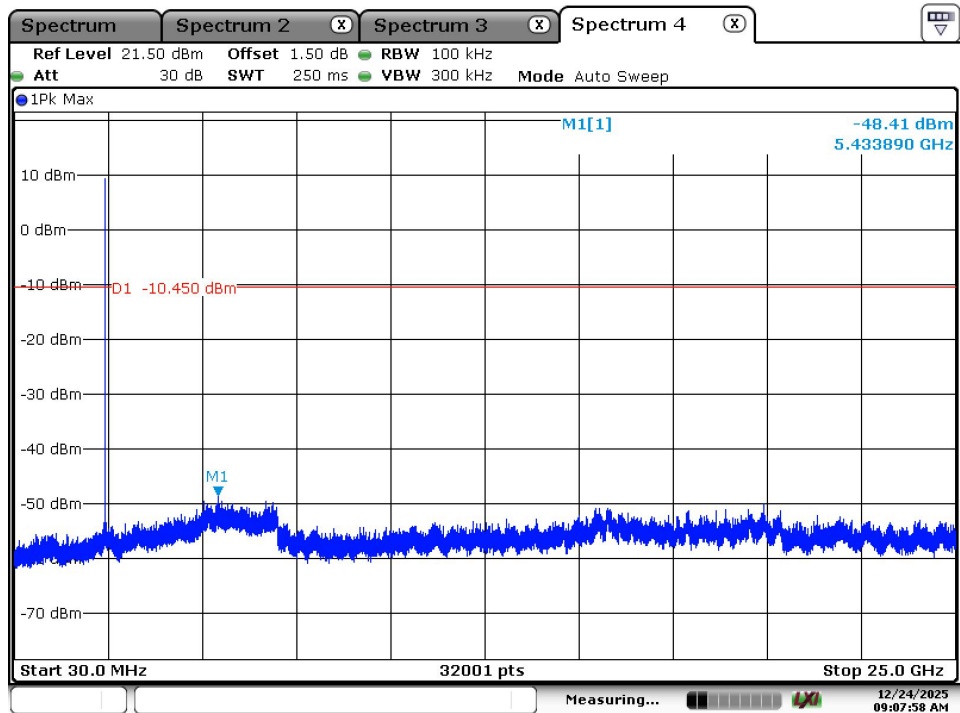


Date: 24.DEC.2025 09:09:40

Middle Channel:

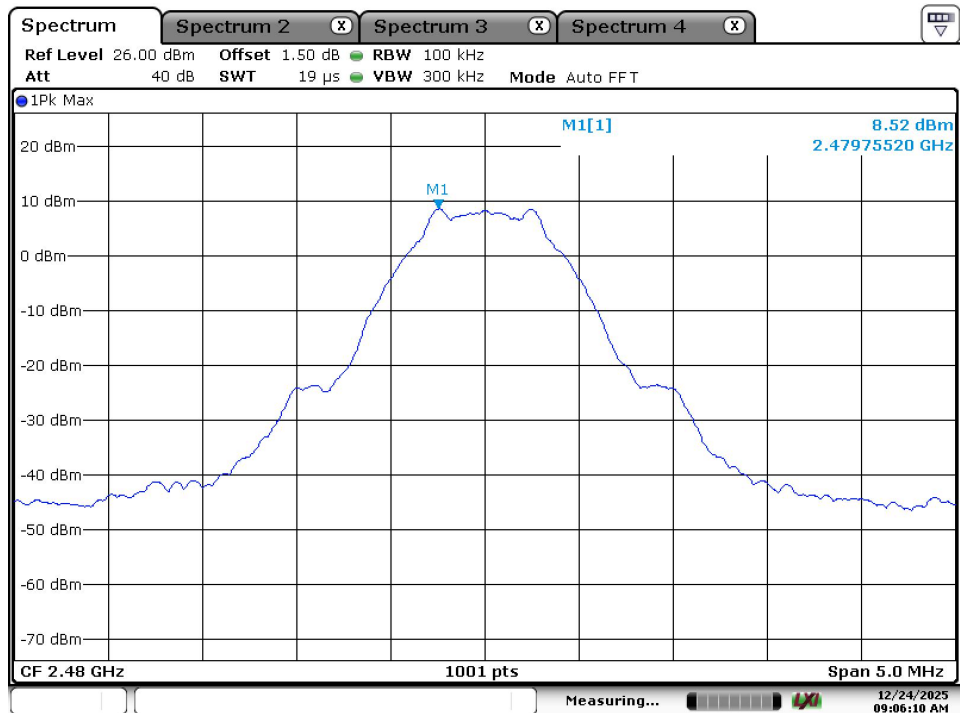


Date: 24.DEC.2025 09:07:19

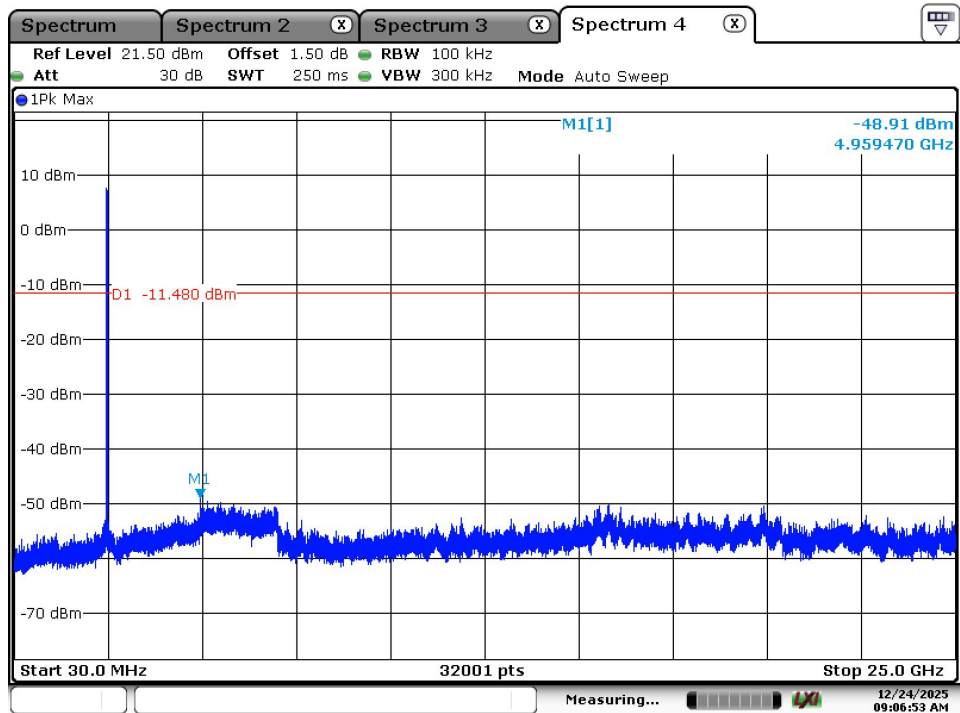


Date: 24.DEC.2025 09:07:59

High Channel:

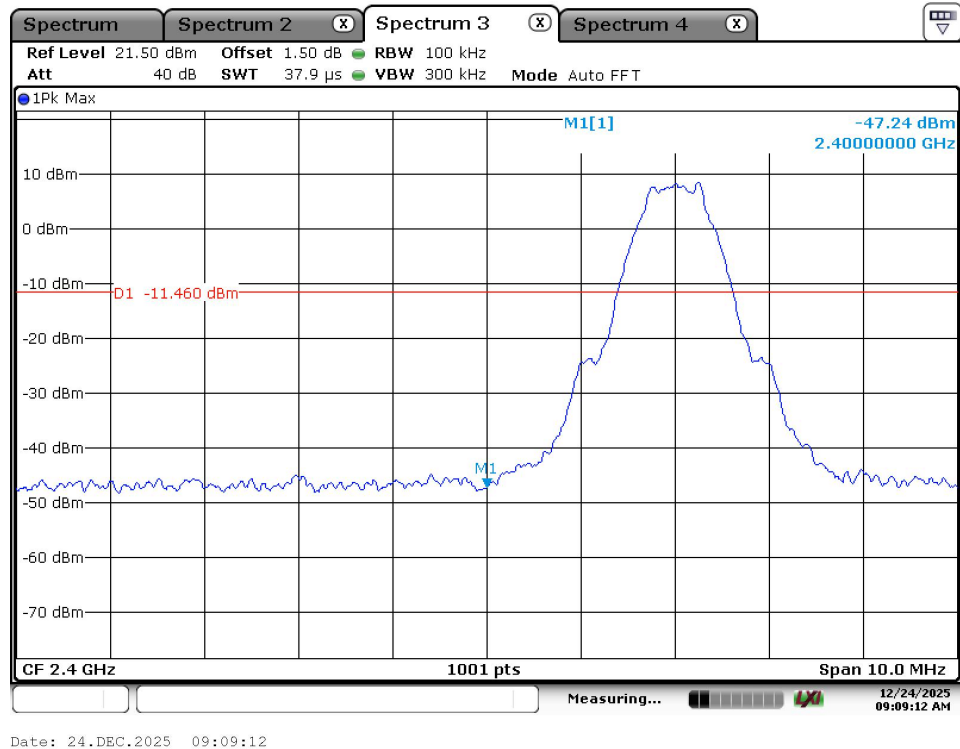


Date: 24.DEC.2025 09:06:10

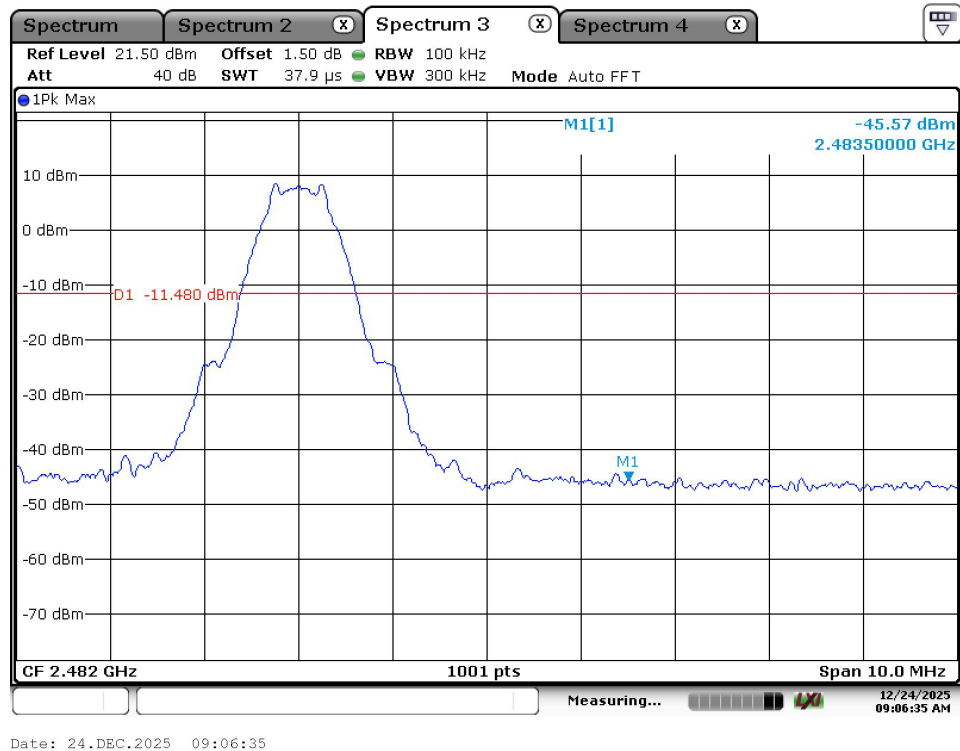


Date: 24.DEC.2025 09:06:54

Band Edge, Low Channel:

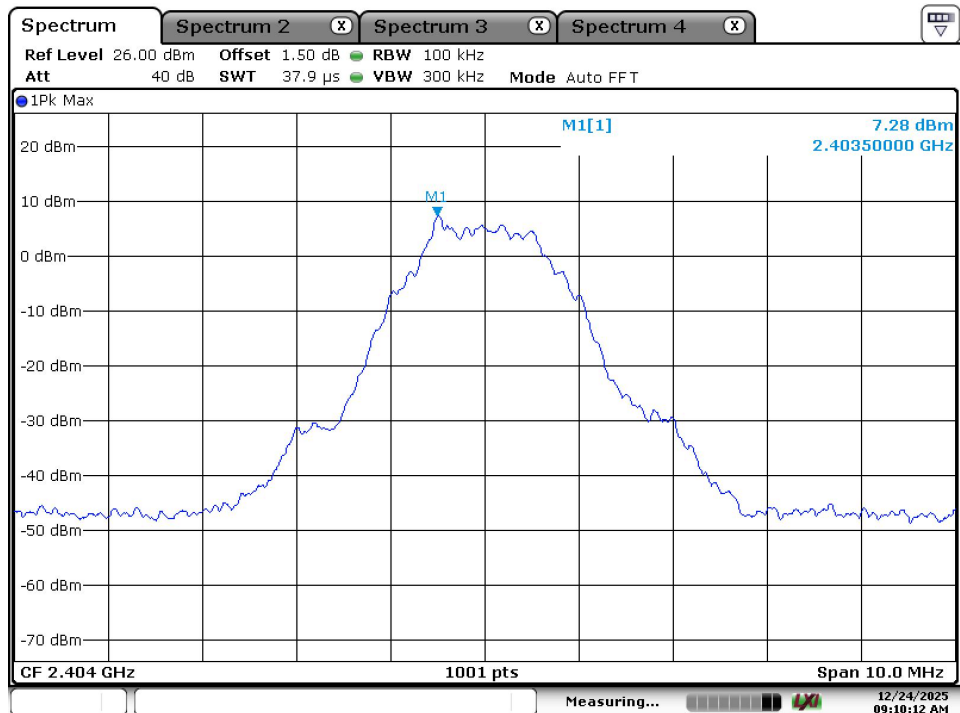


Band Edge, High Channel:

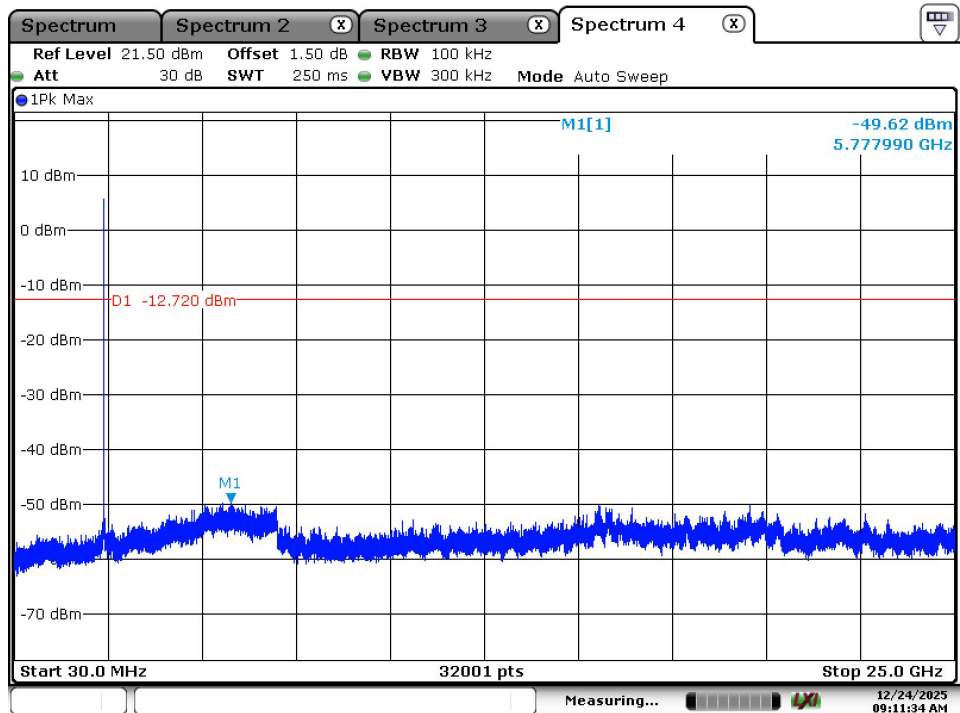


Bluetooth LE Mode, 2Mbps

Low Channel:

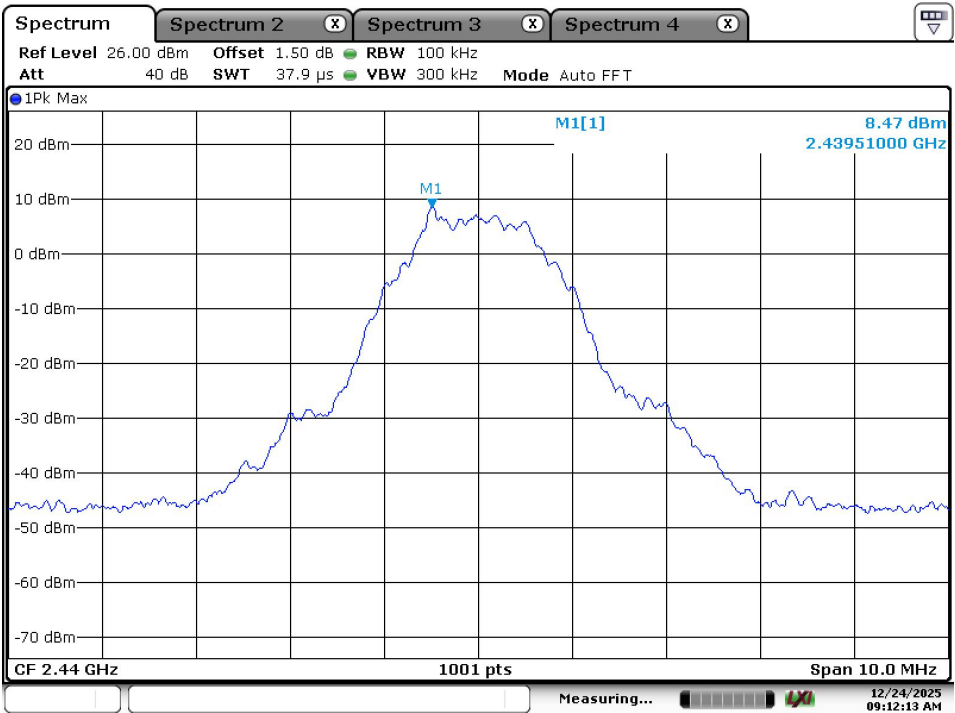


Date: 24.DEC.2025 09:10:13

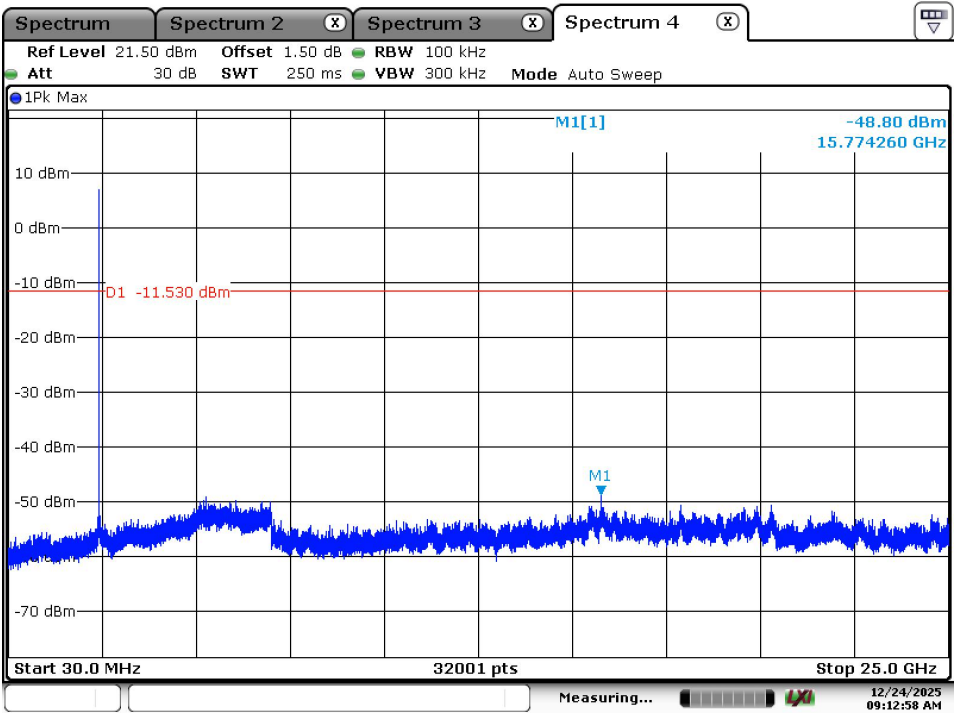


Date: 24.DEC.2025 09:11:35

Middle Channel:

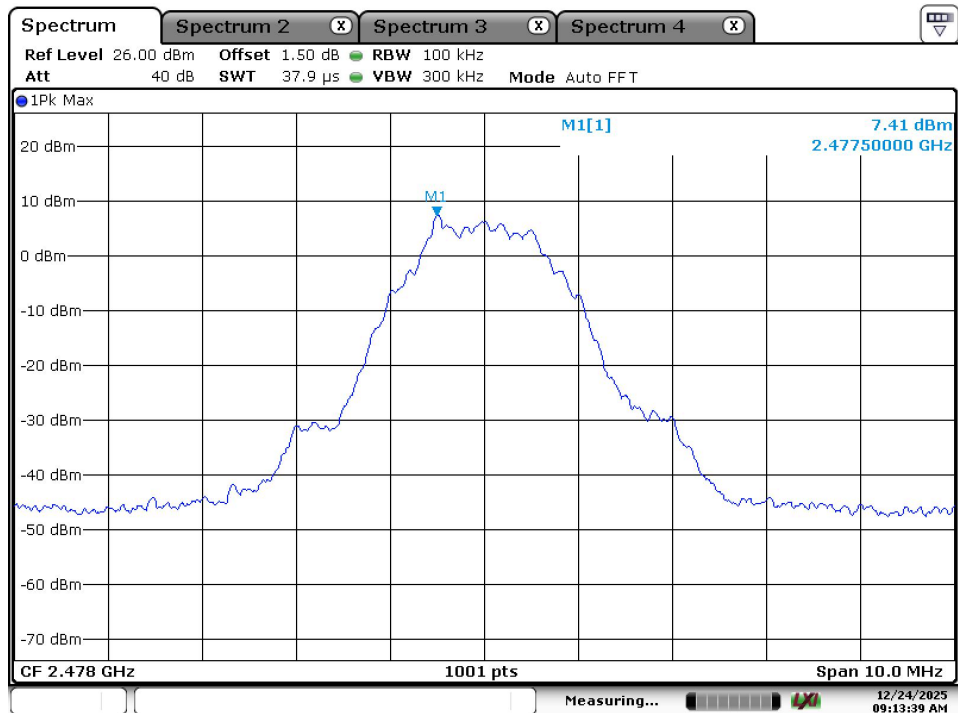


Date: 24.DEC.2025 09:12:13

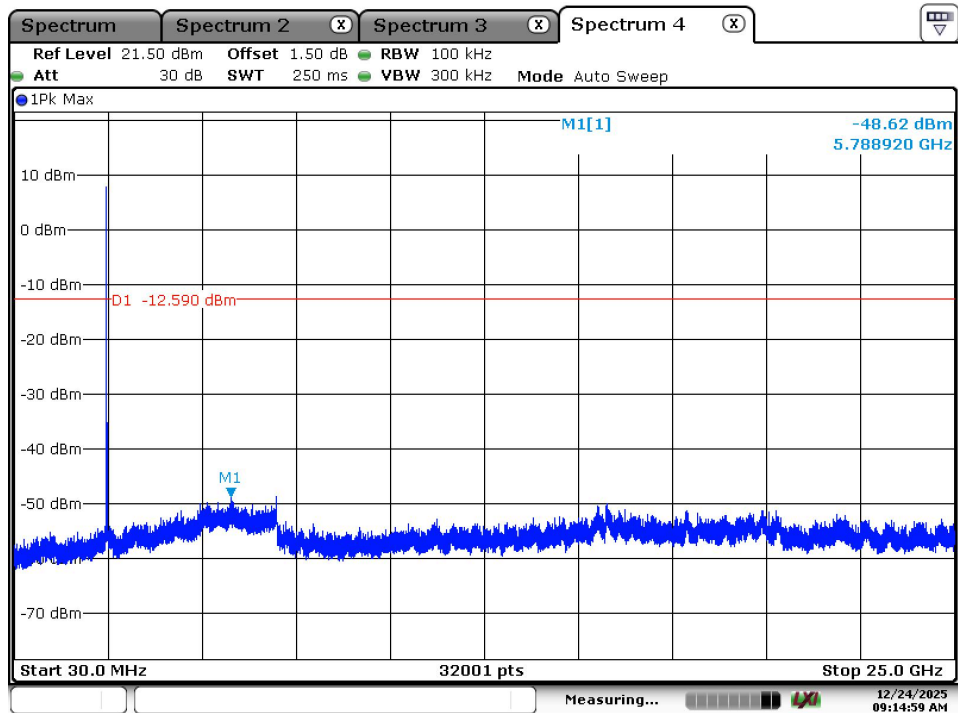


Date: 24.DEC.2025 09:12:59

High Channel:

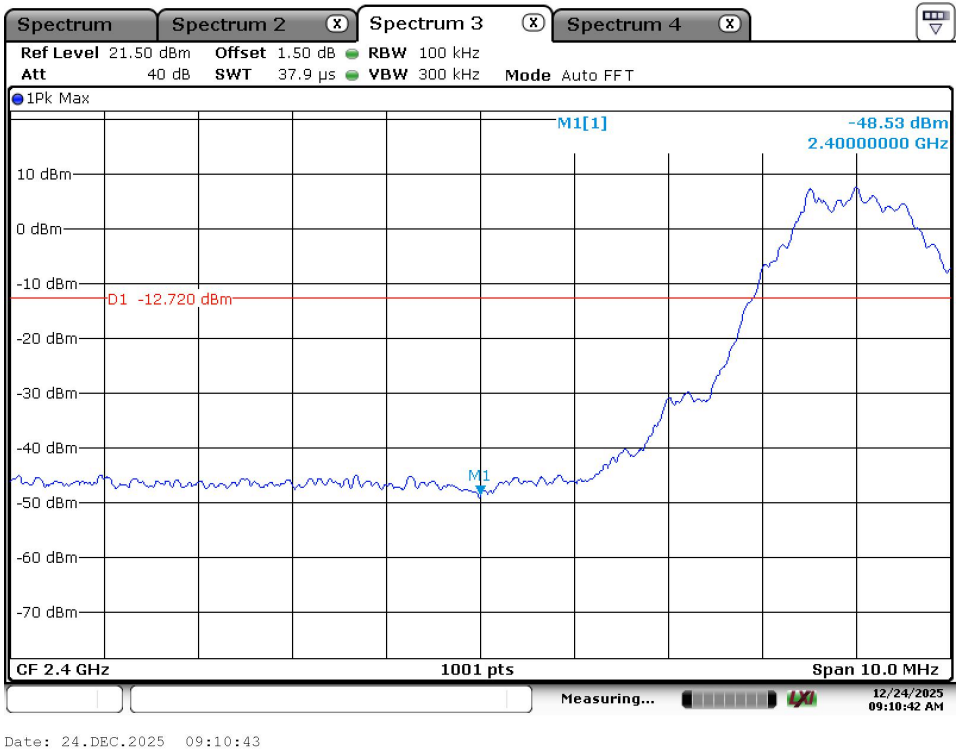


Date: 24.DEC.2025 09:13:40

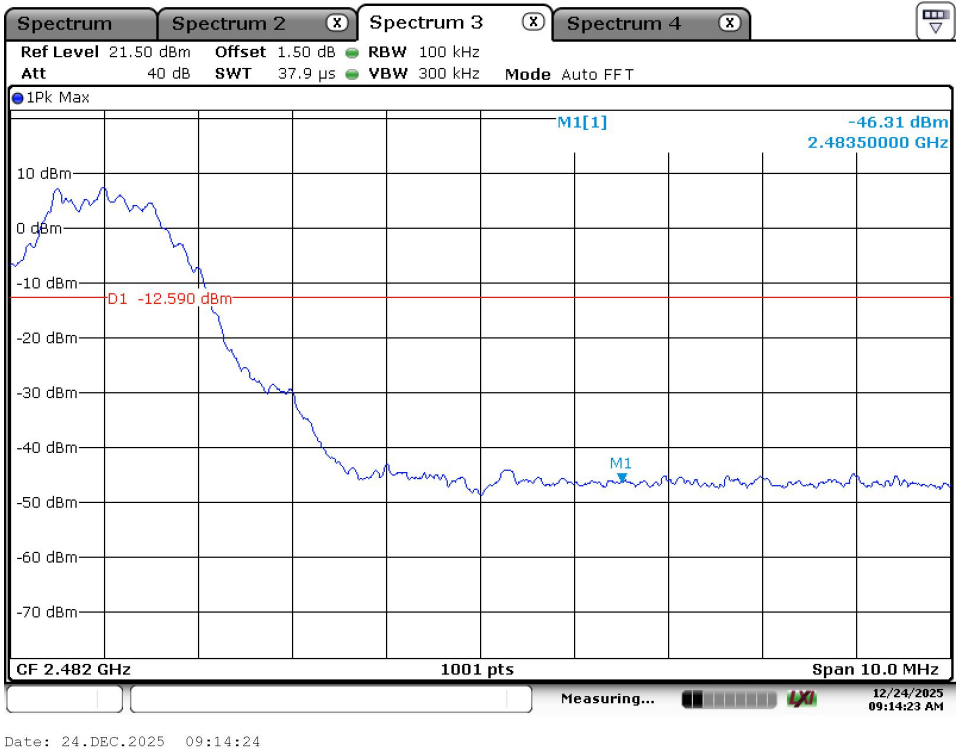


Date: 24.DEC.2025 09:15:00

Band Edge, Low Channel:



Band Edge, High Channel:



## Appendix B.6: Test Results of Radiated Spurious Emissions

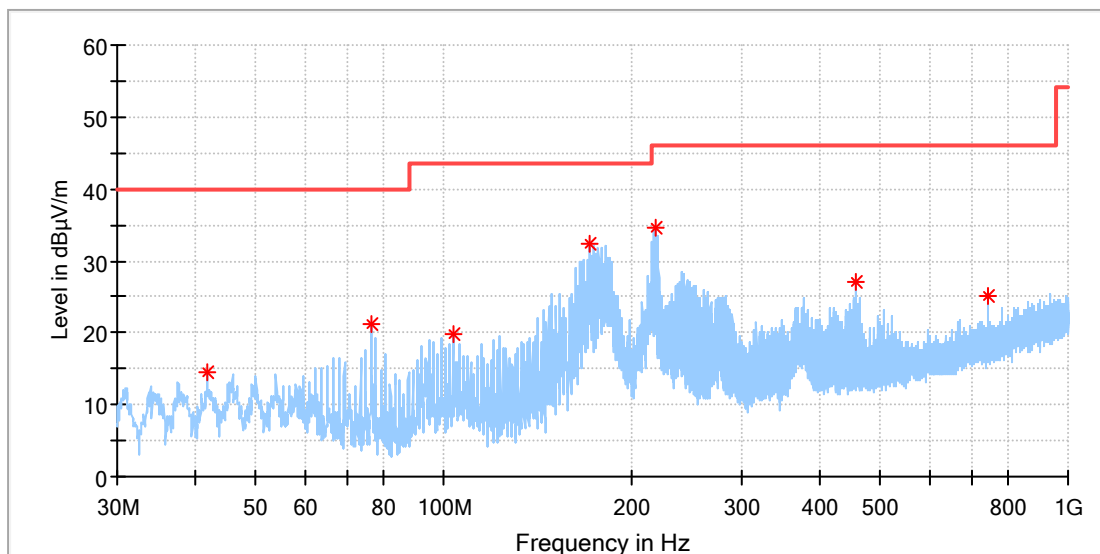
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

### EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Mid channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

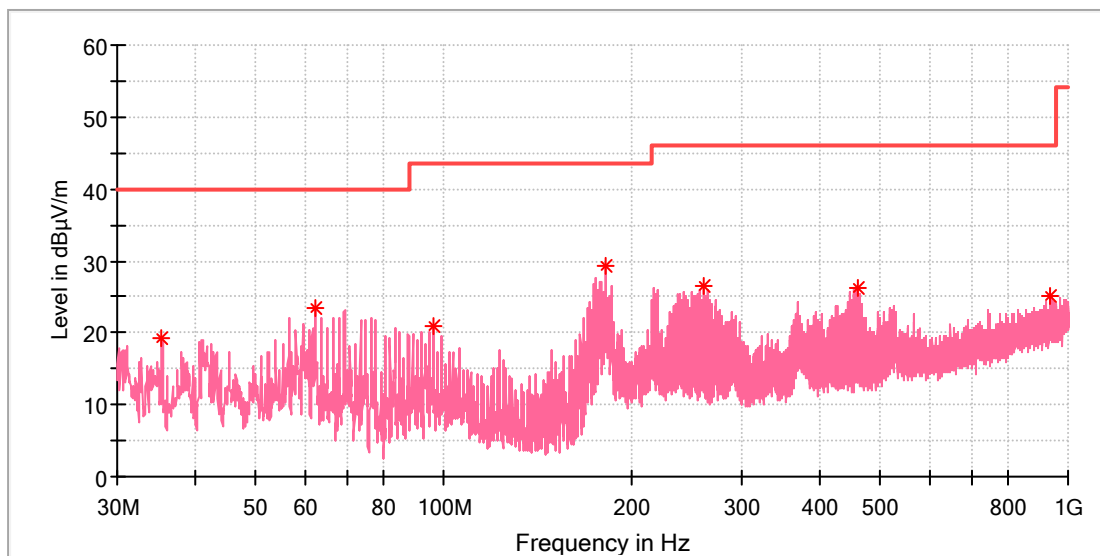


### Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 41.747778       | 14.65            | 40.00          | 25.35       | 100.0       | H   | 298.0         | -19.7        |
| 76.506111       | 21.33            | 40.00          | 18.67       | 100.0       | H   | 168.0         | -23.5        |
| 103.396667      | 19.78            | 43.50          | 23.72       | 100.0       | H   | 161.0         | -19.0        |
| 171.404444      | 32.45            | 43.50          | 11.05       | 100.0       | H   | 6.0           | -21.3        |
| 218.126111      | 34.74            | 46.00          | 11.26       | 100.0       | H   | 146.0         | -18.7        |
| 457.554444      | 27.01            | 46.00          | 18.99       | 100.0       | H   | 193.0         | -12.6        |
| 742.465000      | 25.16            | 46.00          | 20.84       | 100.0       | H   | 103.0         | -7.2         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Mid channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |



## Critical\_Freqs

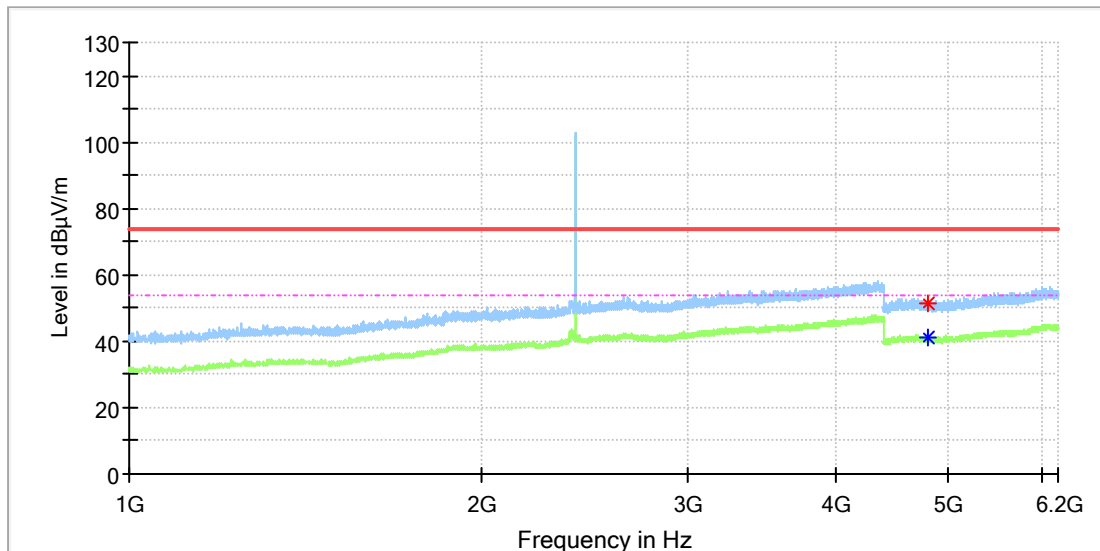
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 35.388889       | 19.14            | 40.00          | 20.86       | 100.0       | V   | 331.0         | -21.8        |
| 62.279444       | 23.41            | 40.00          | 16.59       | 100.0       | V   | 248.0         | -19.6        |
| 96.283333       | 20.92            | 43.50          | 22.58       | 100.0       | V   | 82.0          | -19.7        |
| 181.266111      | 29.25            | 43.50          | 14.25       | 100.0       | V   | 196.0         | -20.5        |
| 260.536667      | 26.44            | 46.00          | 19.56       | 100.0       | V   | 11.0          | -17.1        |
| 460.195000      | 26.16            | 46.00          | 19.84       | 100.0       | V   | 212.0         | -12.6        |
| 938.405000      | 25.19            | 46.00          | 20.81       | 100.0       | V   | 103.0         | -4.4         |

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Low channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

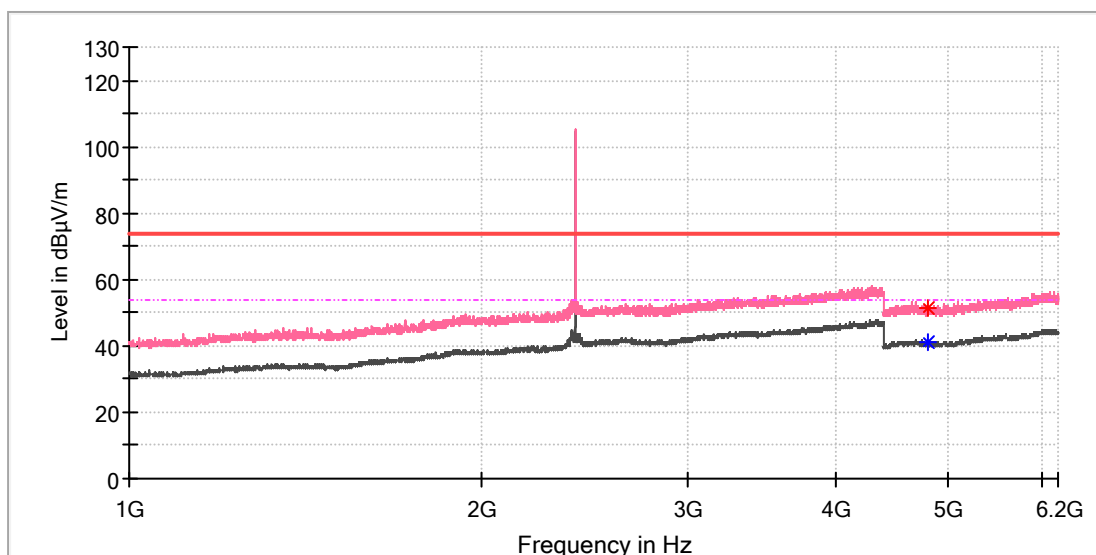


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4804.500000     | ---              | 40.99            | 54.00          | 13.01       | 150.0       | H   | 74.0          | 13.3         |
| 4806.000000     | 51.49            | ---              | 74.00          | 22.51       | 150.0       | H   | 1.0           | 13.3         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Low channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

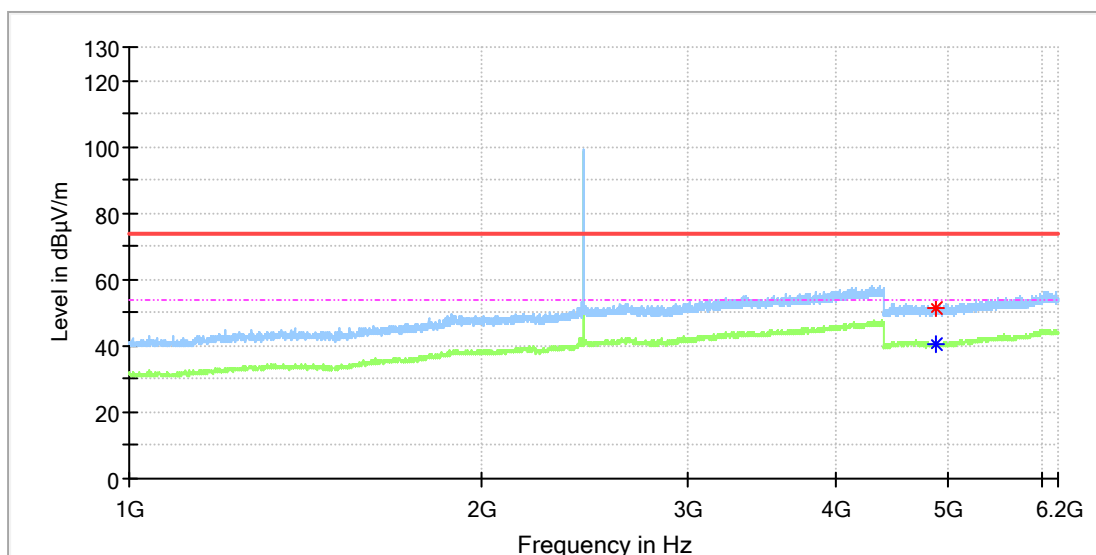


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4804.000000     | ---              | 40.85            | 54.00          | 13.15       | 150.0       | V   | 238.0         | 13.3         |
| 4804.500000     | 51.12            | ---              | 74.00          | 22.88       | 150.0       | V   | 310.0         | 13.3         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Mid channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

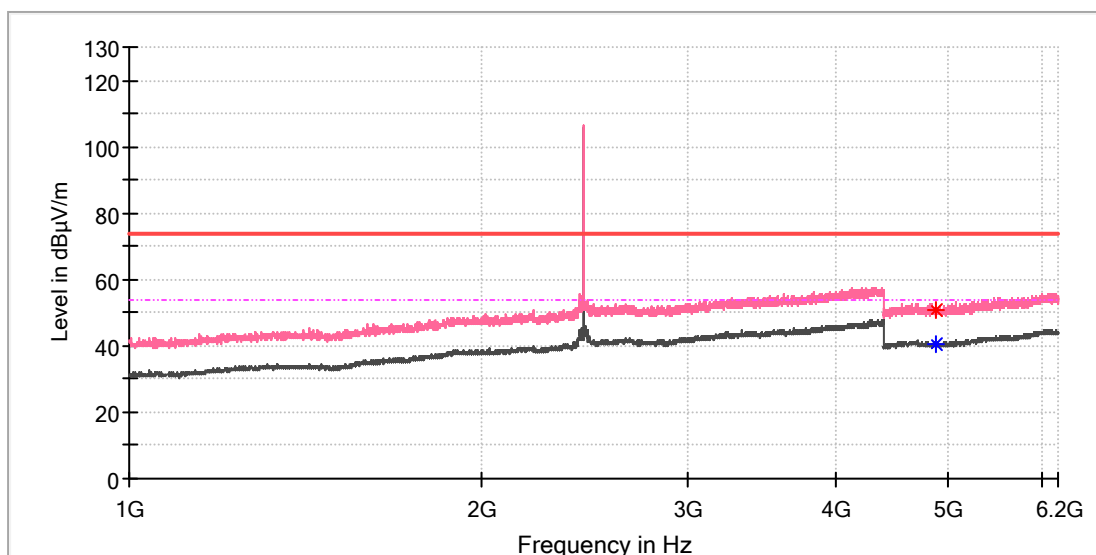


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4882.000000     | ---              | 40.53            | 54.00          | 13.47       | 150.0       | H   | 217.0         | 13.3         |
| 4884.000000     | 51.59            | ---              | 74.00          | 22.41       | 150.0       | H   | 248.0         | 13.3         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Mid channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

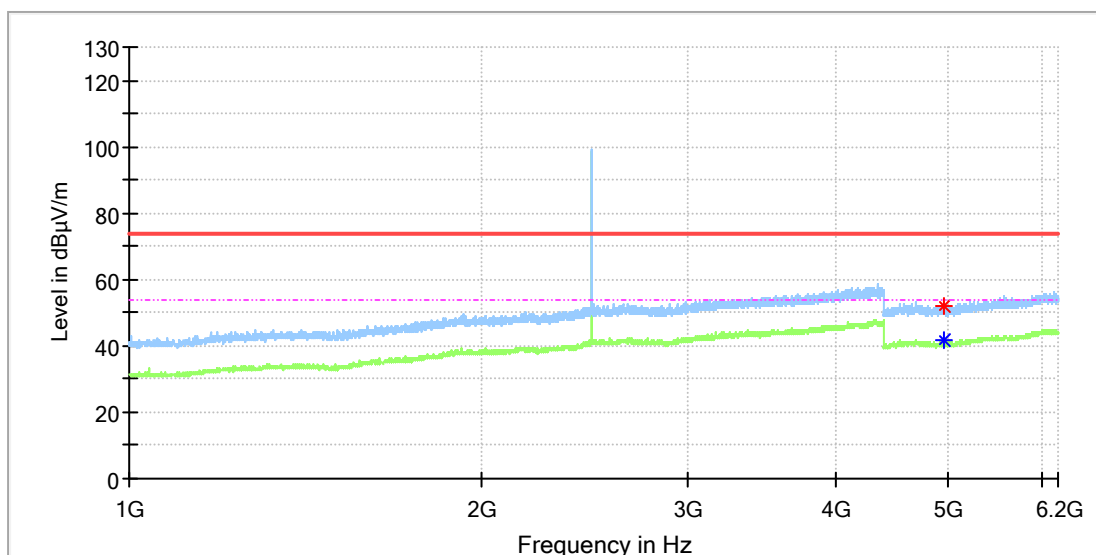


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4879.500000     | 50.91            | ---              | 74.00          | 23.09       | 150.0       | V   | 217.0         | 13.3         |
| 4881.000000     | ---              | 40.38            | 54.00          | 13.62       | 150.0       | V   | 0.0           | 13.3         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_High channel                 |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

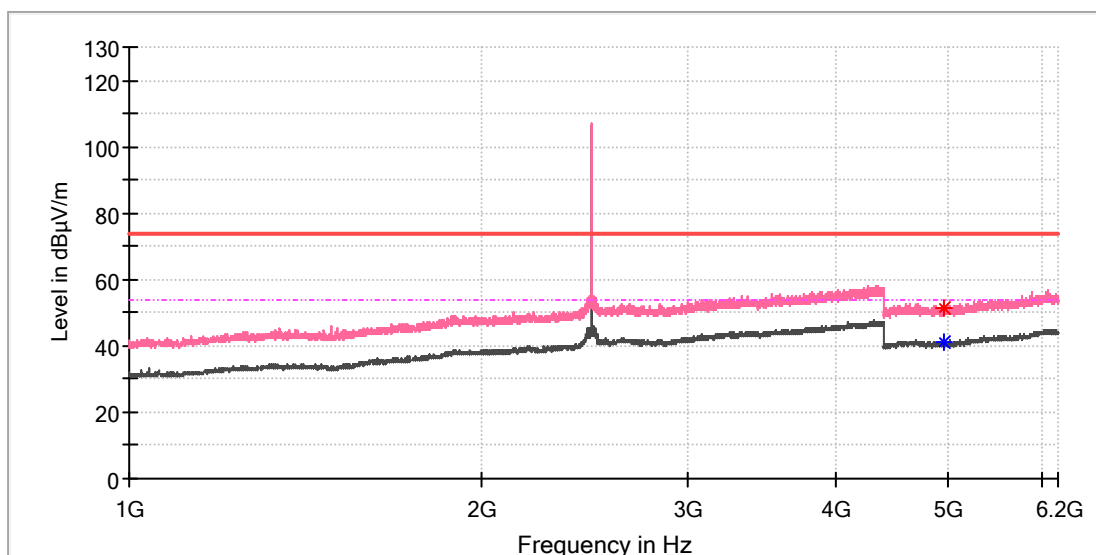


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4958.500000     | 51.88            | ---              | 74.00          | 22.12       | 150.0       | H   | 142.0         | 13.3         |
| 4960.000000     | ---              | 41.46            | 54.00          | 12.54       | 150.0       | H   | 142.0         | 13.3         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_High channel                 |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

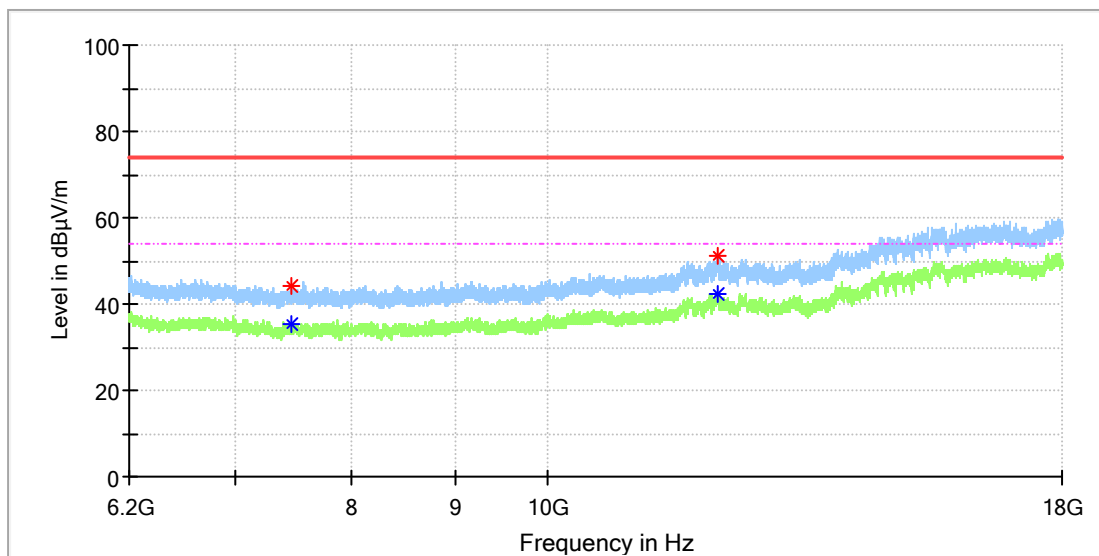


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4959.500000     | 51.42            | ---              | 74.00          | 22.58       | 150.0       | V   | 280.0         | 13.3         |
| 4961.000000     | ---              | 40.87            | 54.00          | 13.13       | 150.0       | V   | 138.0         | 13.3         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Low channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

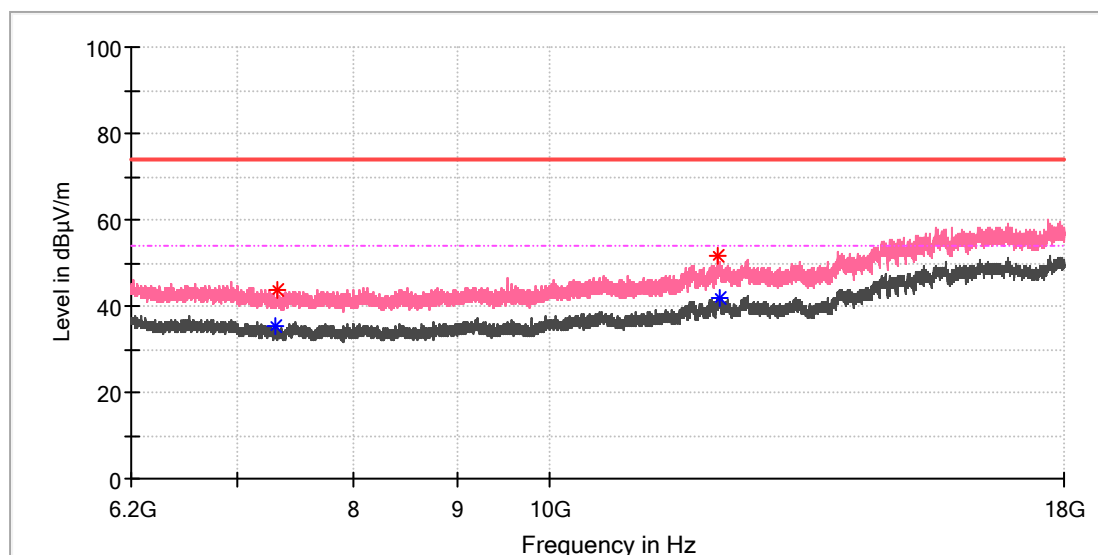


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7453.750000     | 44.34            | ---              | 74.00          | 29.66       | 150.0       | H   | 119.0         | 8.5          |
| 7461.125000     | ---              | 35.44            | 54.00          | 18.56       | 150.0       | H   | 152.0         | 8.5          |
| 12146.708333    | ---              | 42.54            | 54.00          | 11.46       | 150.0       | H   | 96.0          | 16.6         |
| 12155.066667    | 51.16            | ---              | 74.00          | 22.84       | 150.0       | H   | 0.0           | 16.5         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Low channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

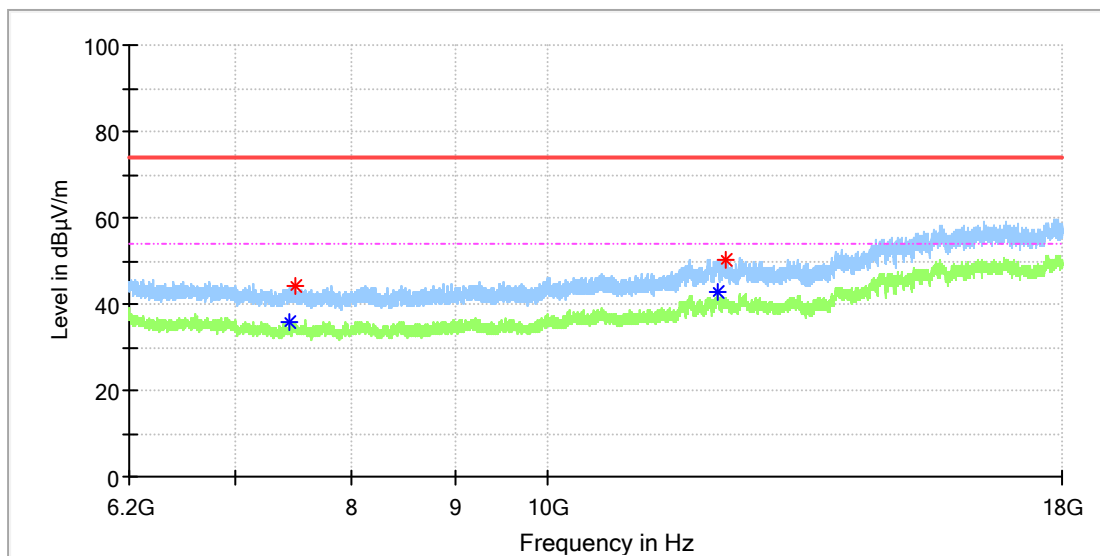


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7316.575000     | ---              | 35.58            | 54.00          | 18.42       | 150.0       | V   | 308.0         | 8.2          |
| 7325.916667     | 43.61            | ---              | 74.00          | 30.39       | 150.0       | V   | 37.0          | 8.2          |
| 12119.666667    | 51.48            | ---              | 74.00          | 22.52       | 150.0       | V   | 275.0         | 15.9         |
| 12134.908333    | ---              | 41.70            | 54.00          | 12.30       | 150.0       | V   | 0.0           | 16.3         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Mid channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

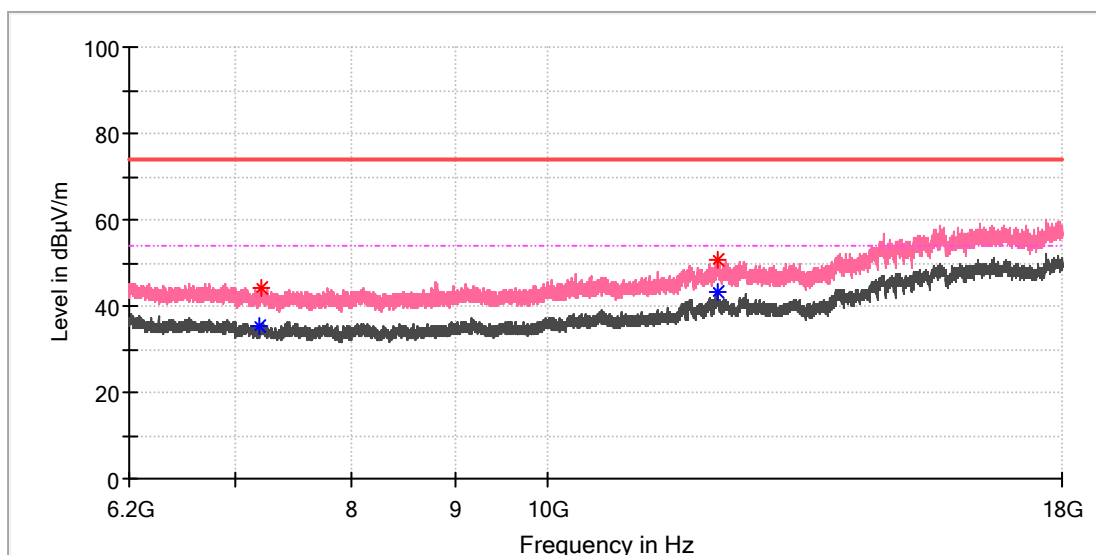


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7451.783333     | ---              | 35.59            | 54.00          | 18.41       | 150.0       | H   | 116.0         | 8.5          |
| 7495.050000     | 44.23            | ---              | 74.00          | 29.77       | 150.0       | H   | 18.0          | 8.7          |
| 12137.366667    | ---              | 42.62            | 54.00          | 11.38       | 150.0       | H   | 29.0          | 16.4         |
| 12247.008333    | 50.36            | ---              | 74.00          | 23.64       | 150.0       | H   | 239.0         | 16.1         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Mid channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

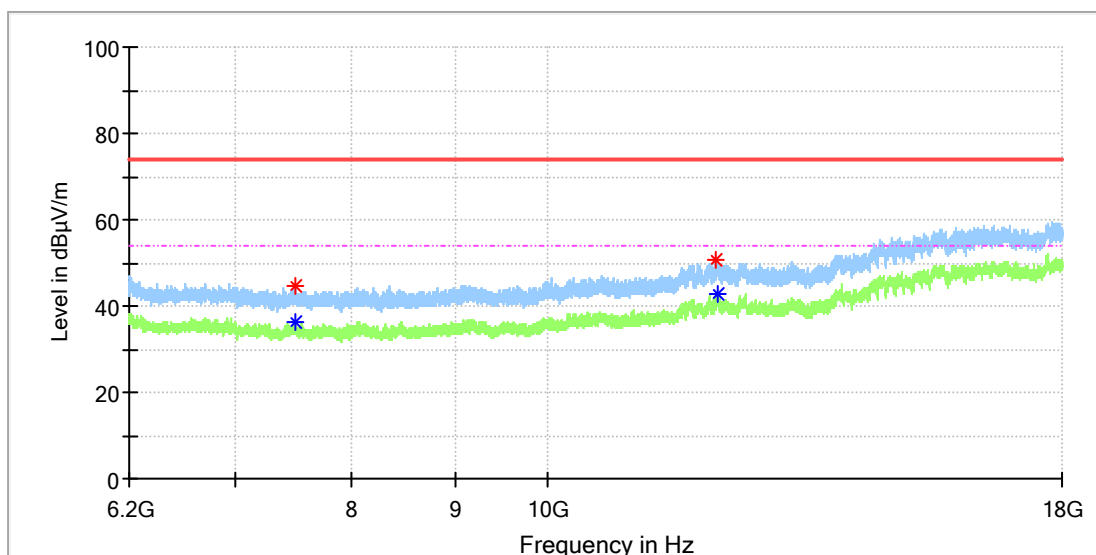


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7201.525000     | ---              | 35.39            | 54.00          | 18.61       | 150.0       | V   | 160.0         | 8.8          |
| 7204.475000     | 44.08            | ---              | 74.00          | 29.92       | 150.0       | V   | 310.0         | 8.8          |
| 12144.250000    | 50.87            | ---              | 74.00          | 23.13       | 150.0       | V   | 300.0         | 16.6         |
| 12149.658333    | ---              | 43.23            | 54.00          | 10.77       | 150.0       | V   | 277.0         | 16.7         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_High channel                 |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

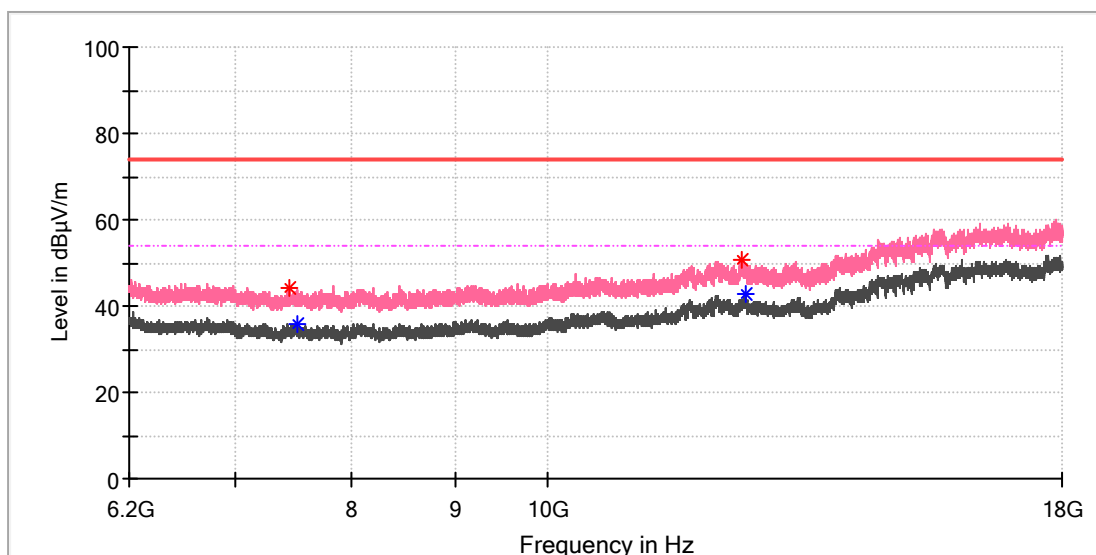


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7491.116667     | 44.56            | ---              | 74.00          | 29.44       | 150.0       | H   | 30.0          | 8.7          |
| 7494.066667     | ---              | 36.21            | 54.00          | 17.79       | 150.0       | H   | 109.0         | 8.7          |
| 12124.091667    | 50.83            | ---              | 74.00          | 23.17       | 150.0       | H   | 178.0         | 16.1         |
| 12155.066667    | ---              | 42.70            | 54.00          | 11.30       | 150.0       | H   | 82.0          | 16.5         |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_High channel                 |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |



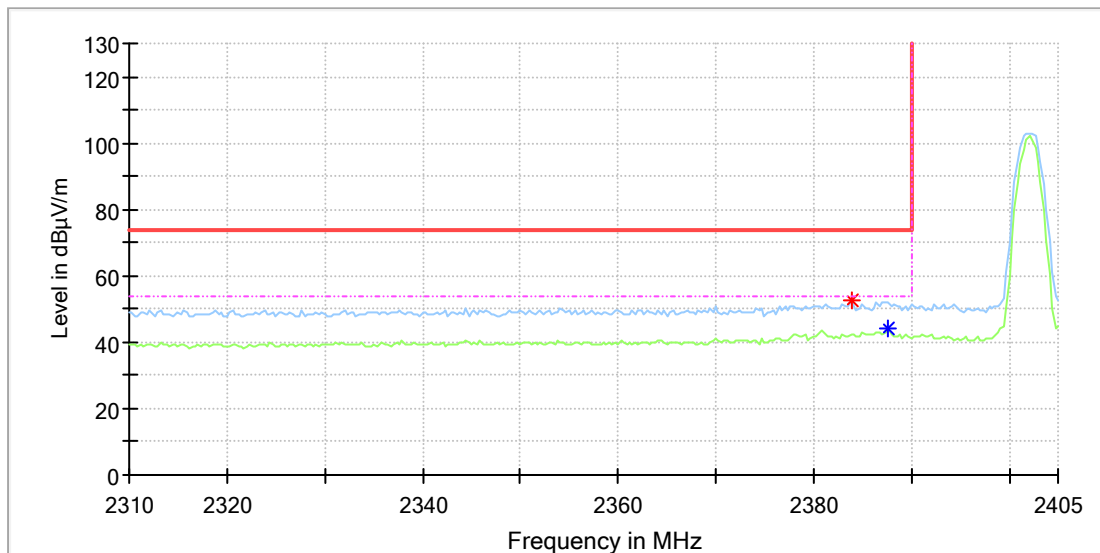
## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7446.866667     | 44.19            | ---              | 74.00          | 29.81       | 150.0       | V   | 355.0         | 8.5          |
| 7513.733333     | ---              | 35.98            | 54.00          | 18.02       | 150.0       | V   | 148.0         | 8.7          |
| 12482.025000    | 50.65            | ---              | 74.00          | 23.35       | 150.0       | V   | 287.0         | 16.1         |
| 12549.875000    | ---              | 42.88            | 54.00          | 11.12       | 150.0       | V   | 265.0         | 16.6         |

## Appendix B.7: Test Results of Radiated Emissions in Restricted Bands

### EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Low channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

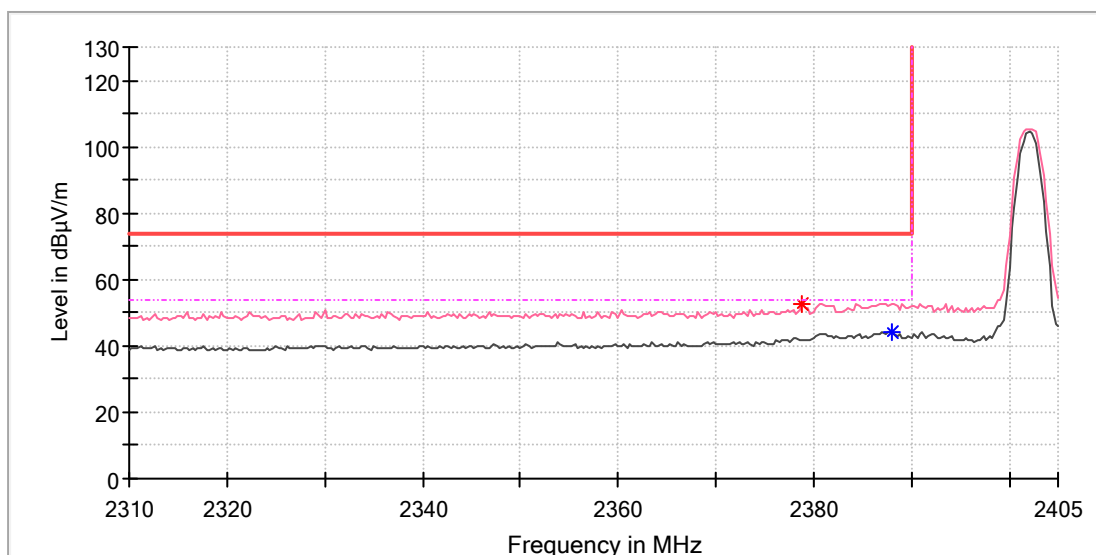


### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2383.823529     | 52.48            | ---              | 74.00          | 21.52       | 150.0       | H   | 90.0          | 8.5          |
| 2387.647059     | ---              | 44.13            | 54.00          | 9.87        | 150.0       | H   | 77.0          | 8.5          |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_Low channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

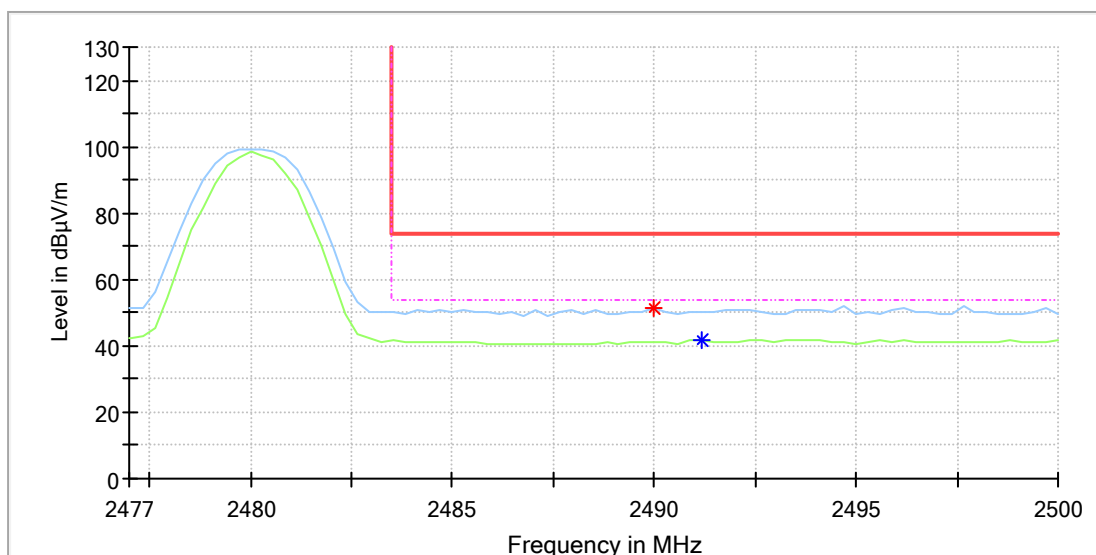


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2378.823529     | 52.82            | ---              | 74.00          | 21.18       | 150.0       | V   | 82.0          | 8.5          |
| 2387.941177     | ---              | 44.19            | 54.00          | 9.81        | 150.0       | V   | 77.0          | 8.5          |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_High channel                 |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

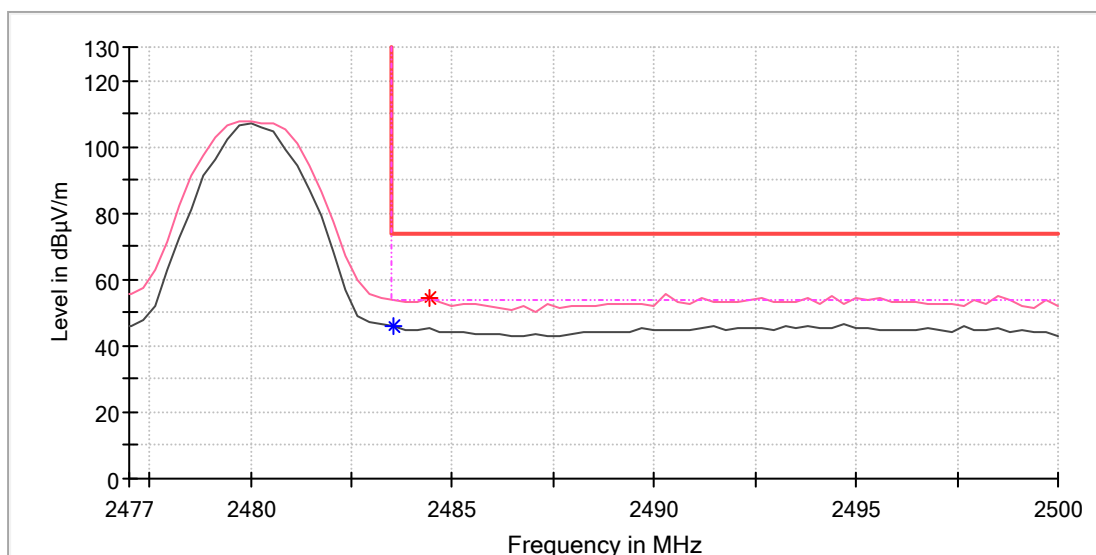


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2490.000000     | 51.14            | ---              | 74.00          | 22.86       | 150.0       | H   | 83.0          | 9.0          |
| 2491.176471     | ---              | 41.76            | 54.00          | 12.24       | 150.0       | H   | 112.0         | 9.0          |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 1M_High channel                 |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

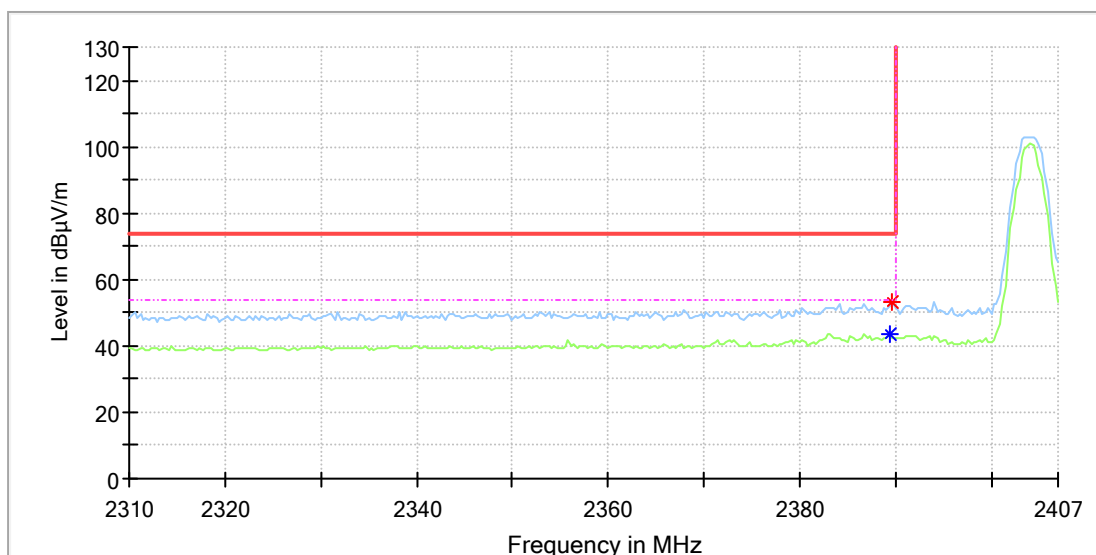


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.529412     | ---              | 46.05            | 54.00          | 7.95        | 150.0       | V   | 63.0          | 9.0          |
| 2484.411765     | 54.67            | ---              | 74.00          | 19.33       | 150.0       | V   | 70.0          | 9.0          |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 2M_Low channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

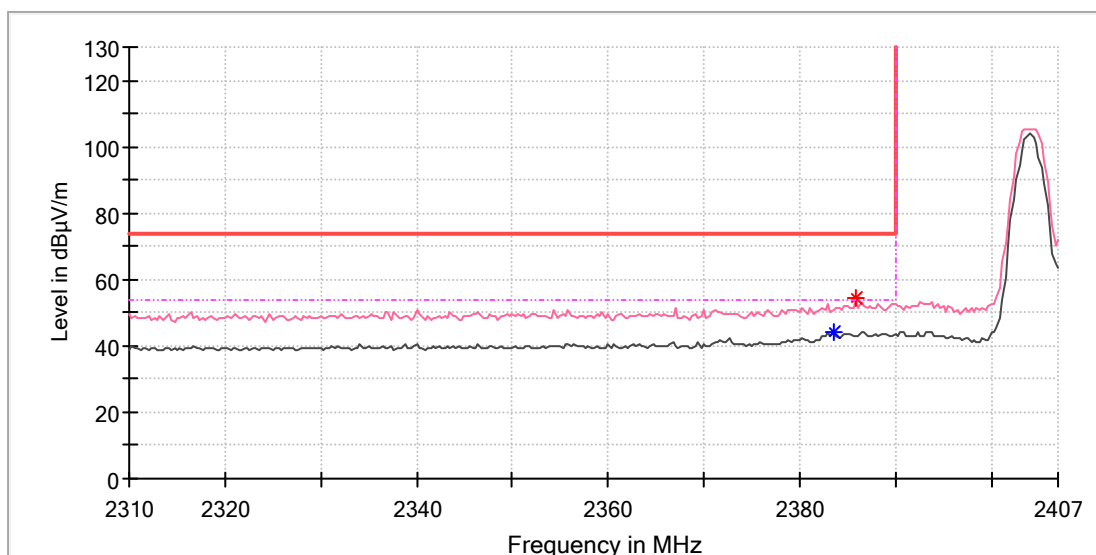


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.411765     | ---              | 43.48            | 54.00          | 10.52       | 150.0       | H   | 89.0          | 8.5          |
| 2389.705882     | 53.04            | ---              | 74.00          | 20.96       | 150.0       | H   | 75.0          | 8.5          |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 2M_Low channel                  |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

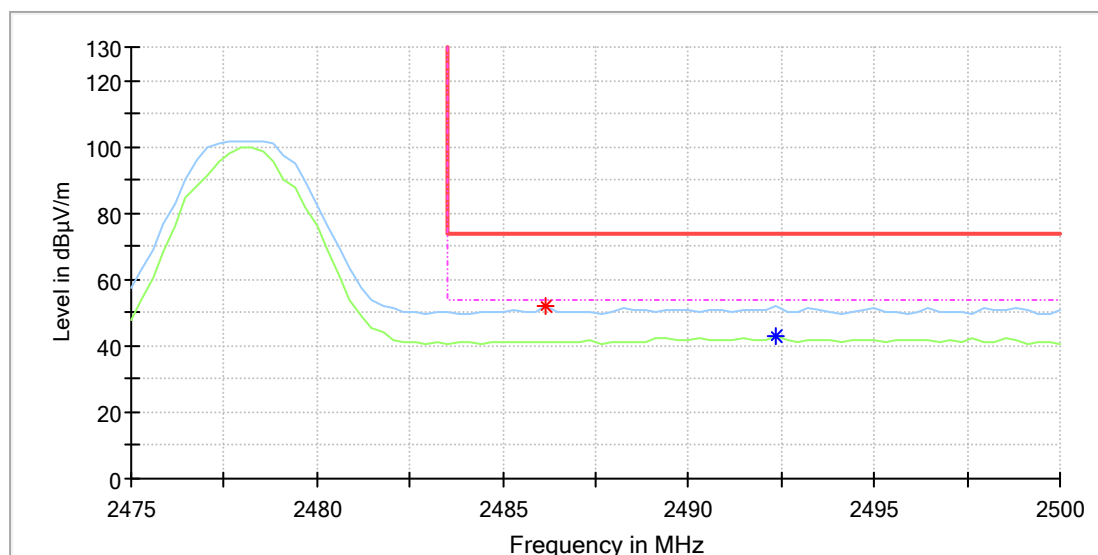


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2383.529412     | ---              | 44.06            | 54.00          | 9.94        | 150.0       | V   | 74.0          | 8.5          |
| 2385.882353     | 54.13            | ---              | 74.00          | 19.87       | 150.0       | V   | 74.0          | 8.5          |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 2M_High channel                 |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |

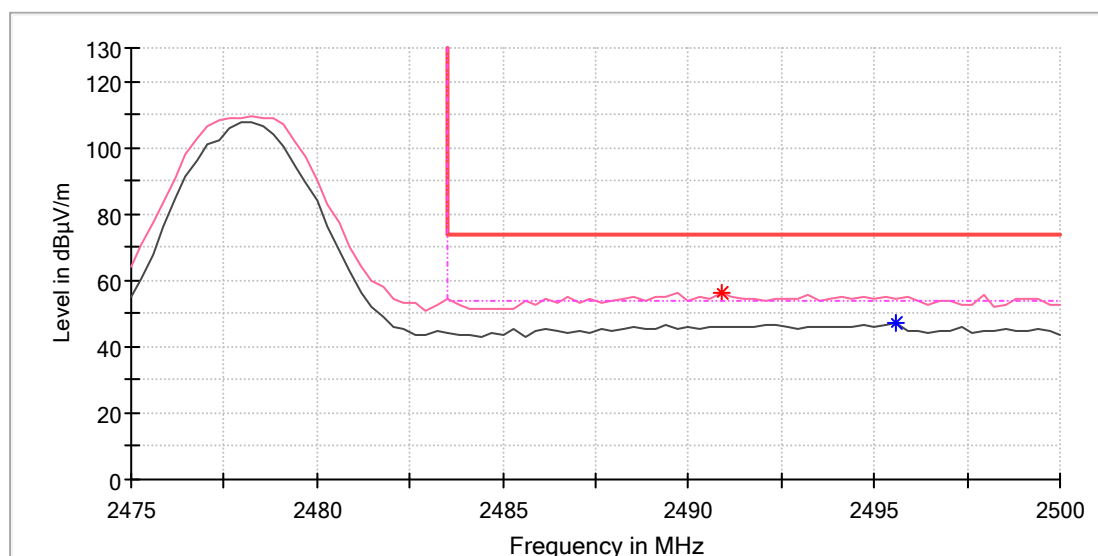


## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2486.176471     | 51.91            | ---              | 74.00          | 22.09       | 150.0       | H   | 111.0         | 9.0          |
| 2492.352941     | ---              | 42.73            | 54.00          | 11.27       | 150.0       | H   | 86.0          | 9.0          |

## EUT Information

|                     |                                     |
|---------------------|-------------------------------------|
| EUT Name:           | 35" BLUETOOTH SOUNDBAR AUDIO SYSTEM |
| Model:              | RALLYBAR XL2                        |
| Test Mode:          | BLE 2M_High channel                 |
| Order No/Sample No: | A004155373-002                      |
| Test Voltage::      | DC 12V From DC Source               |
| Remark:             | Temp 22 Humi:55%                    |
| Test Standard:      | FCC 15.247                          |
| Tested By:          | Kei Zhang                           |
| Reviewed By:        | Terry Yin                           |



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2490.882353     | 56.30            | ---              | 74.00          | 17.70       | 150.0       | V   | 56.0          | 9.0          |
| 2495.588235     | ---              | 47.07            | 54.00          | 6.93        | 150.0       | V   | 77.0          | 9.0          |