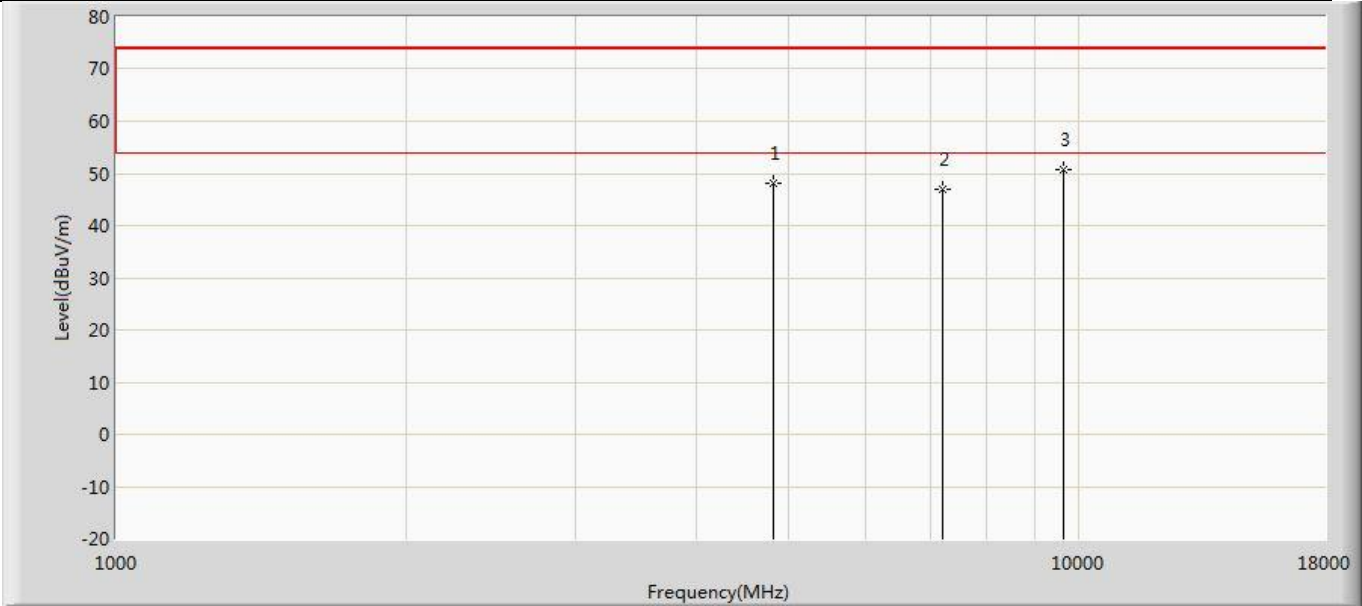


Appendix H: Emissions in Restricted Bands

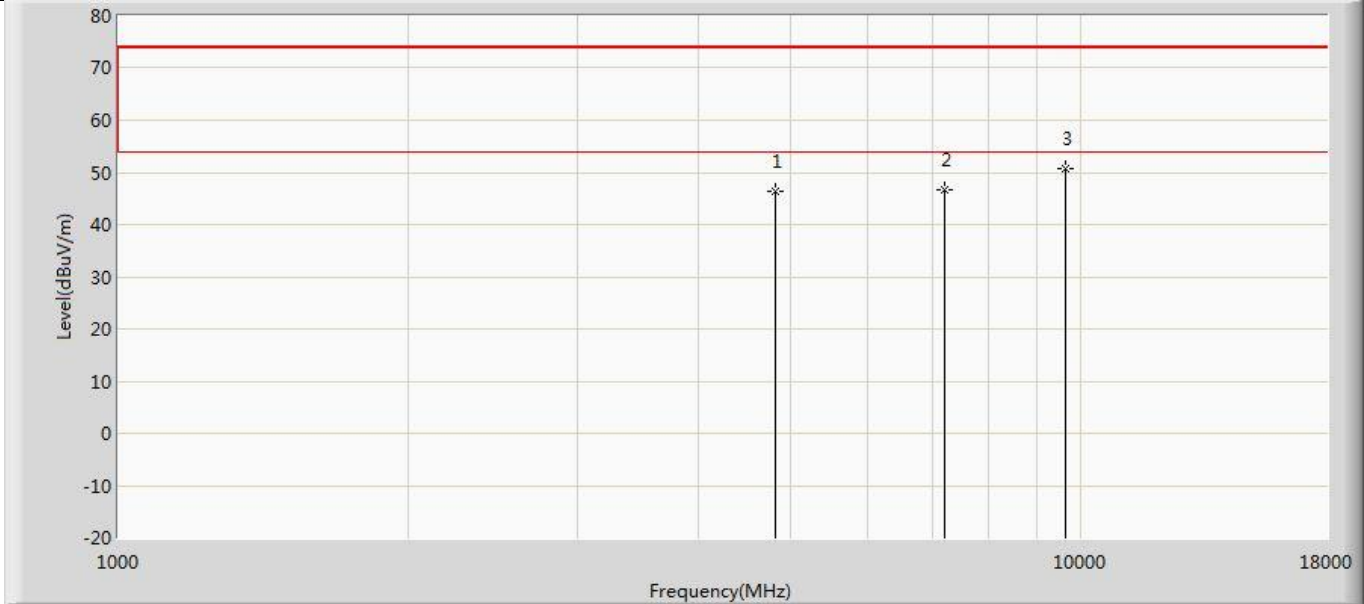
|                                              |                          |
|----------------------------------------------|--------------------------|
| Profile: 2510414R                            | Page No.: 19             |
| Engineer: Yu Liu                             |                          |
| Site: AC5                                    | Time: 2025/02/08 - 19:29 |
| Limit: FCC_Part15.209_RE(3m)                 | Margin: 0                |
| Probe: Horn_3117_00167055_(1-18GHz)          | Polarity: Horizontal     |
| EUT: Level Lock Pro                          | Power: By Battery        |
| Note: Mode 1 : Transmit at 2405MHz by Thread |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4810.000        | 48.258                 | 49.966               | -25.742         | 74.000         | -1.708      | PK   |
| 2  |      | 7215.000        | 46.988                 | 44.052               | -27.012         | 74.000         | 2.937       | PK   |
| 3  | *    | 9620.000        | 50.588                 | 45.568               | -23.412         | 74.000         | 5.020       | PK   |



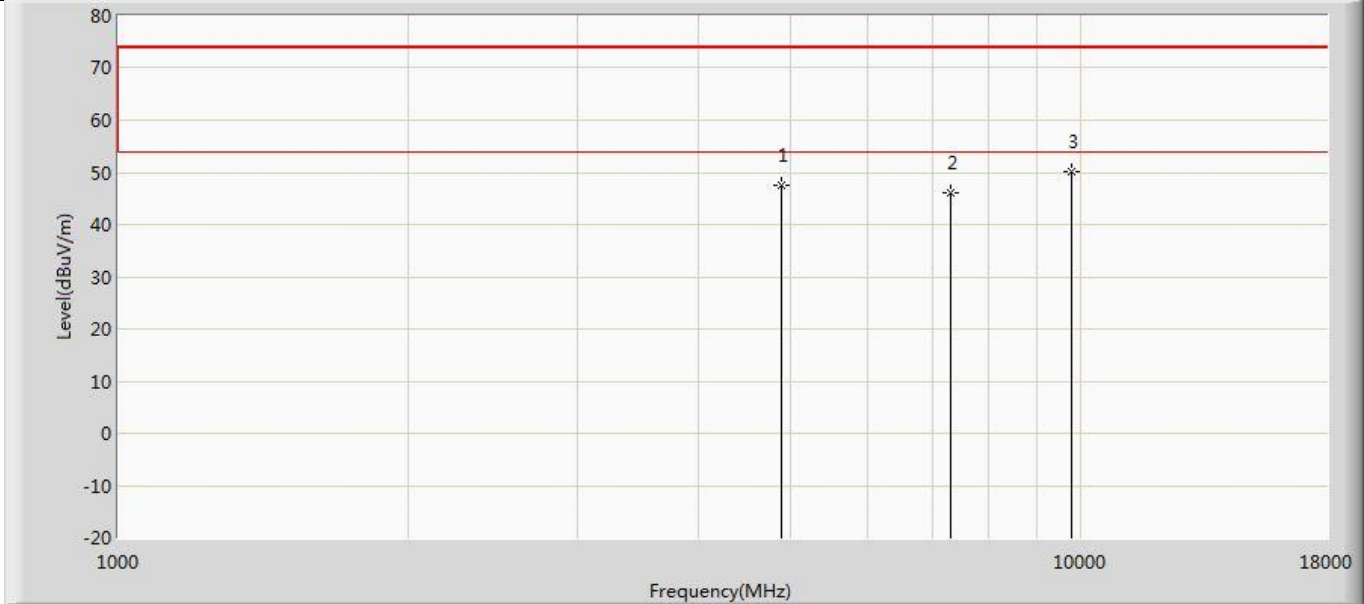
|                                              |                          |
|----------------------------------------------|--------------------------|
| Profile: 2510414R                            | Page No.: 20             |
| Engineer: Yu Liu                             |                          |
| Site: AC5                                    | Time: 2025/02/08 - 19:29 |
| Limit: FCC_Part15.209_RE(3m)                 | Margin: 0                |
| Probe: Horn_3117_00167055_(1-18GHz)          | Polarity: Vertical       |
| EUT: Level Lock Pro                          | Power: By Battery        |
| Note: Mode 1 : Transmit at 2405MHz by Thread |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4810.000        | 46.396                 | 48.104               | -27.604         | 74.000         | -1.708      | PK   |
| 2  |      | 7215.000        | 46.565                 | 43.629               | -27.435         | 74.000         | 2.937       | PK   |
| 3  | *    | 9620.000        | 50.685                 | 45.665               | -23.315         | 74.000         | 5.020       | PK   |



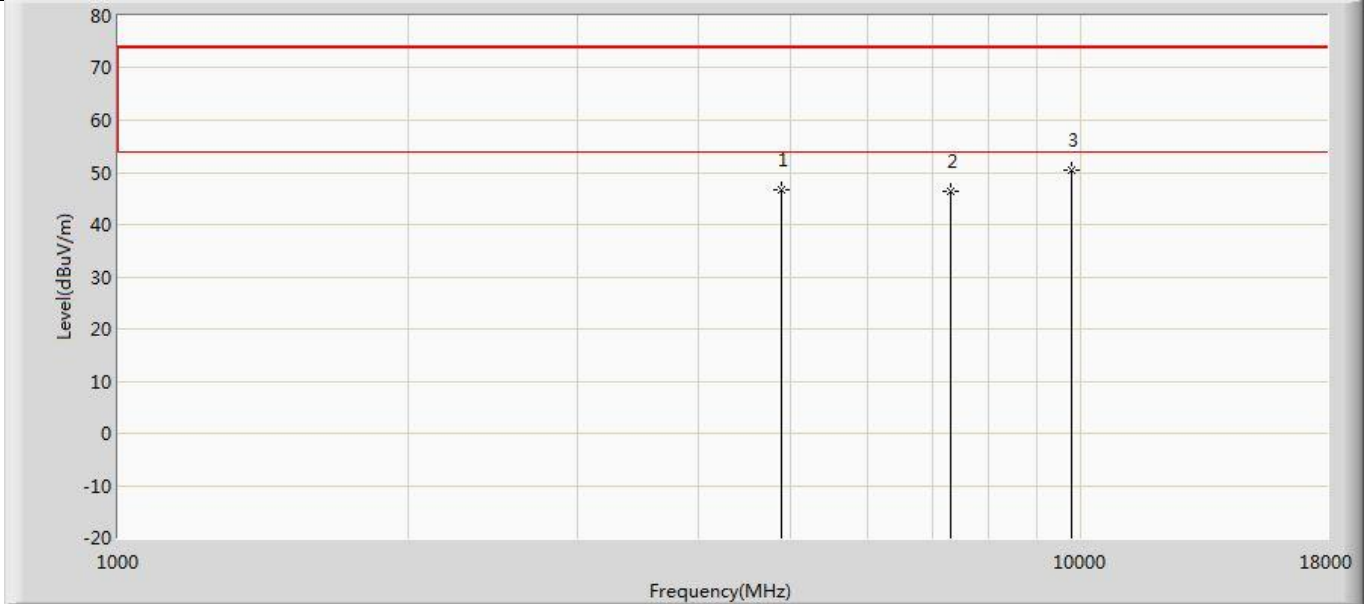
|                                              |                          |
|----------------------------------------------|--------------------------|
| Profile: 2510414R                            | Page No.: 21             |
| Engineer: Yu Liu                             |                          |
| Site: AC5                                    | Time: 2025/02/08 - 19:29 |
| Limit: FCC_Part15.209_RE(3m)                 | Margin: 0                |
| Probe: Horn_3117_00167055_(1-18GHz)          | Polarity: Horizontal     |
| EUT: Level Lock Pro                          | Power: By Battery        |
| Note: Mode 1 : Transmit at 2440MHz by Thread |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4880.000        | 47.614                 | 48.073               | -26.386         | 74.000         | -0.459      | PK   |
| 2  |      | 7320.000        | 46.159                 | 43.846               | -27.841         | 74.000         | 2.314       | PK   |
| 3  | *    | 9760.000        | 50.020                 | 44.233               | -23.980         | 74.000         | 5.786       | PK   |

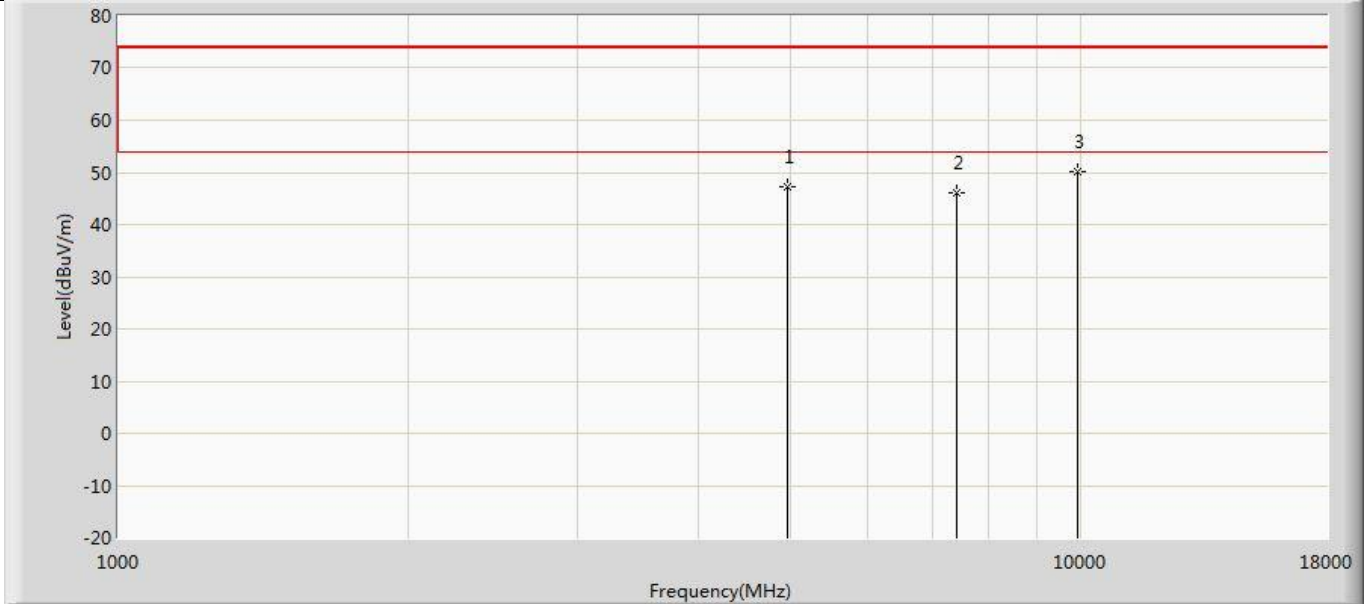


|                                              |                          |
|----------------------------------------------|--------------------------|
| Profile: 2510414R                            | Page No.: 22             |
| Engineer: Yu Liu                             |                          |
| Site: AC5                                    | Time: 2025/02/08 - 19:29 |
| Limit: FCC_Part15.209_RE(3m)                 | Margin: 0                |
| Probe: Horn_3117_00167055_(1-18GHz)          | Polarity: Vertical       |
| EUT: Level Lock Pro                          | Power: By Battery        |
| Note: Mode 1 : Transmit at 2440MHz by Thread |                          |



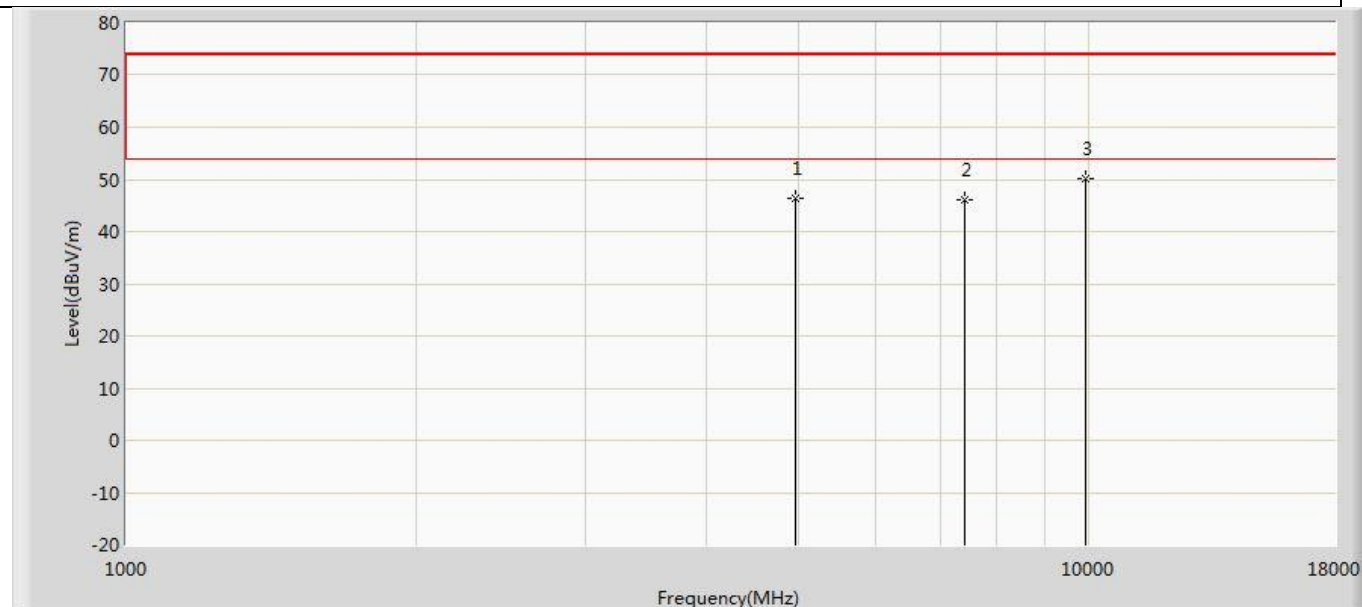
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4880.000        | 46.539                 | 46.998               | -27.461         | 74.000         | -0.459      | PK   |
| 2  |      | 7320.000        | 46.247                 | 43.934               | -27.753         | 74.000         | 2.314       | PK   |
| 3  | *    | 9760.000        | 50.334                 | 44.547               | -23.666         | 74.000         | 5.786       | PK   |

|                                              |                          |
|----------------------------------------------|--------------------------|
| Profile: 2510414R                            | Page No.: 23             |
| Engineer: Yu Liu                             |                          |
| Site: AC5                                    | Time: 2025/02/08 - 19:30 |
| Limit: FCC_Part15.209_RE(3m)                 | Margin: 0                |
| Probe: Horn_3117_00167055_(1-18GHz)          | Polarity: Horizontal     |
| EUT: Level Lock Pro                          | Power: By Battery        |
| Note: Mode 1 : Transmit at 2480MHz by Thread |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4960.000        | 47.301                 | 47.886               | -26.699         | 74.000         | -0.586      | PK   |
| 2  |      | 7440.000        | 46.014                 | 43.556               | -27.986         | 74.000         | 2.459       | PK   |
| 3  | *    | 9920.000        | 50.048                 | 43.340               | -23.952         | 74.000         | 6.708       | PK   |

|                                              |                          |
|----------------------------------------------|--------------------------|
| Profile: 2510414R                            | Page No.: 24             |
| Engineer: Yu Liu                             |                          |
| Site: AC5                                    | Time: 2025/02/08 - 19:30 |
| Limit: FCC_Part15.209_RE(3m)                 | Margin: 0                |
| Probe: Horn_3117_00167055_(1-18GHz)          | Polarity: Vertical       |
| EUT: Level Lock Pro                          | Power: By Battery        |
| Note: Mode 1 : Transmit at 2480MHz by Thread |                          |



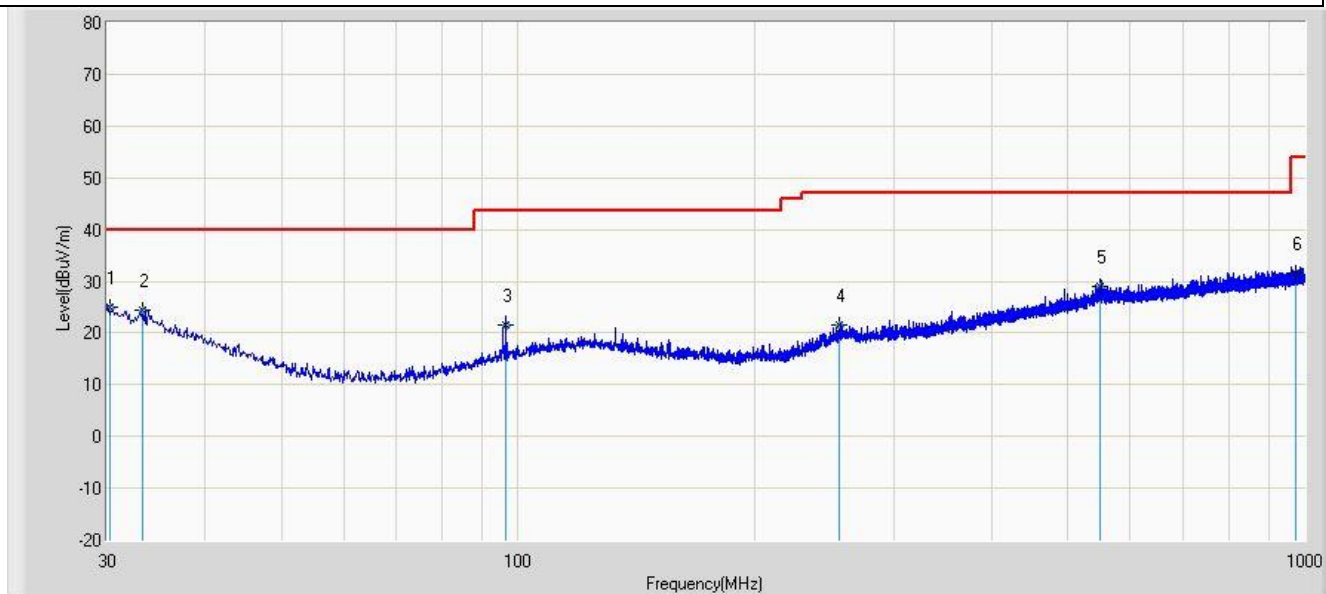
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4960.000        | 46.476                 | 47.061               | -27.524         | 74.000         | -0.586      | PK   |
| 2  |      | 7440.000        | 46.157                 | 43.699               | -27.843         | 74.000         | 2.459       | PK   |
| 3  | *    | 9920.000        | 50.175                 | 43.467               | -23.825         | 74.000         | 6.708       | PK   |

## Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
3. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.
4. If the test result on peak is lower than average limit, then average measurement needn't be performed.

**The worst case of Radiated Emission below 1GHz :**

|                                              |                      |
|----------------------------------------------|----------------------|
| Engineer: Yu Liu                             |                      |
| Site: AC2                                    | Time: 2025/02/08     |
| Limit: FCC_Part15.209_RE(3m)                 | Margin: 0            |
| Probe: CBL6112B_2931(30-1000MHz)             | Polarity: Horizontal |
| EUT: Level Lock Pro                          | Power: By Battery    |
| Note: Mode 1 : Transmit at 2405MHz by Thread |                      |



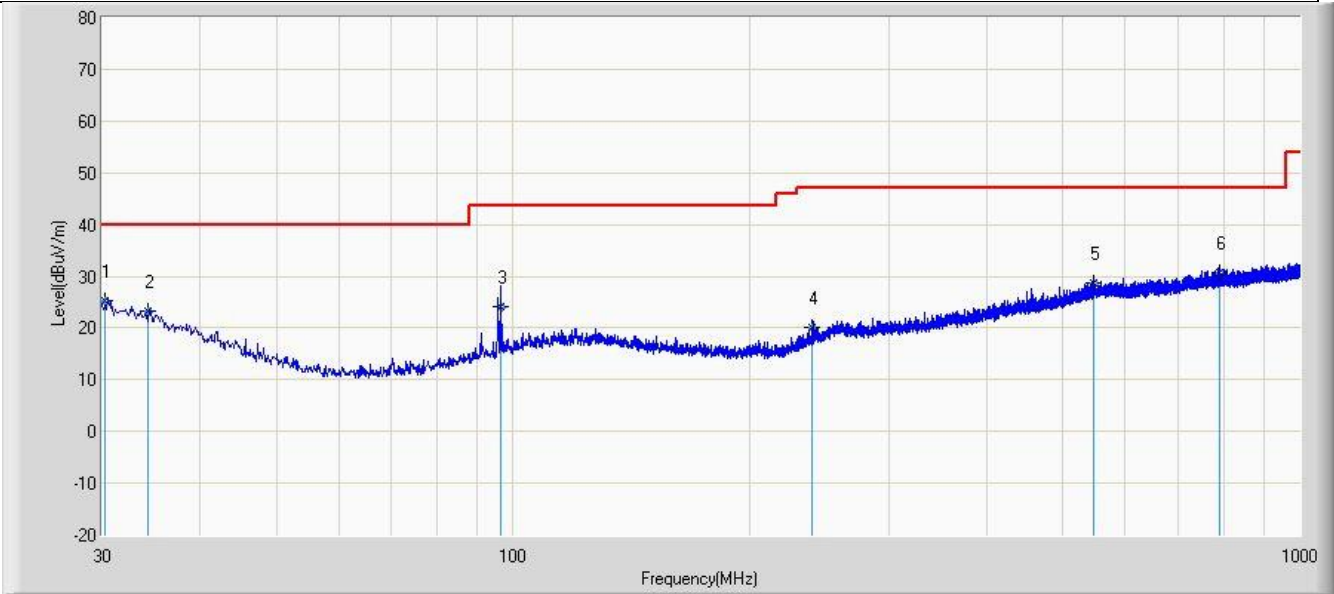
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Probe (dB/m) | Cable (dB) | Amp (dB) | Ant Pos (cm) | Table Pos (deg) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|--------------|------------|----------|--------------|-----------------|------|
| 1  | *    | 30.251          | 25.023                 | 0.080                | -14.977         | 40.000         | 18.592       | 6.351      | 0.000    | 225          | 304             | QP   |
| 2  |      | 33.281          | 24.359                 | 0.700                | -15.641         | 40.000         | 17.292       | 6.367      | 0.000    | 214          | 190             | QP   |
| 3  |      | 96.251          | 21.474                 | 4.600                | -22.026         | 43.500         | 10.146       | 6.728      | 0.000    | 229          | 266             | QP   |
| 4  |      | 256.251         | 21.467                 | 0.900                | -25.533         | 47.000         | 13.211       | 7.356      | 0.000    | 173          | 13              | QP   |
| 5  |      | 550.289         | 29.031                 | 1.700                | -17.969         | 47.000         | 19.176       | 8.156      | 0.000    | 387          | 267             | QP   |
| 6  |      | 972.251         | 31.626                 | 1.400                | -22.374         | 54.000         | 21.144       | 9.082      | 0.000    | 299          | 24              | QP   |

**Note:**

1. " \* ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



|                                              |                    |
|----------------------------------------------|--------------------|
| Engineer: Yu Liu                             |                    |
| Site: AC2                                    | Time: 2025/02/08   |
| Limit: FCC_Part15.209_RE(3m)                 | Margin: 0          |
| Probe: CBL6112B_2931(30-1000MHz)             | Polarity: Vertical |
| EUT: Level Lock Pro                          | Power: By Battery  |
| Note: Mode 1 : Transmit at 2405MHz by Thread |                    |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Probe (dB/m) | Cable (dB) | Amp (dB) | Ant Pos (cm) | Table Pos (deg) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|--------------|------------|----------|--------------|-----------------|------|
| 1  | *    | 30.251          | 25.343                 | 0.400                | -14.657         | 40.000         | 18.592       | 6.351      | 0.000    | 166          | 283             | QP   |
| 2  |      | 34.251          | 23.353                 | 0.200                | -16.647         | 40.000         | 16.782       | 6.371      | 0.000    | 309          | 292             | QP   |
| 3  |      | 96.251          | 24.174                 | 7.300                | -19.326         | 43.500         | 10.146       | 6.728      | 0.000    | 199          | 52              | QP   |
| 4  |      | 240.251         | 20.215                 | 1.600                | -26.785         | 47.000         | 11.312       | 7.303      | 0.000    | 309          | 28              | QP   |
| 5  |      | 547.251         | 28.847                 | 1.600                | -18.153         | 47.000         | 19.098       | 8.148      | 0.000    | 278          | 2               | QP   |
| 6  |      | 792.251         | 30.764                 | 1.800                | -16.236         | 47.000         | 20.251       | 8.713      | 0.000    | 302          | 170             | QP   |

Note:

1. " \* ", means this data is the worst emission level.

2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

The End