

## Appendix A: Test Results of Bluetooth LE

|                                                                             |           |
|-----------------------------------------------------------------------------|-----------|
| <b>APPENDIX A: TEST RESULTS OF BLUETOOTH LE</b>                             | <b>1</b>  |
| <b>APPENDIX A.1: TEST RESULTS OF 6dB BANDWIDTH</b>                          | <b>2</b>  |
| Test Result                                                                 | 2         |
| Test Graphs                                                                 | 3         |
| <b>APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH</b>                          | <b>5</b>  |
| Test Result                                                                 | 5         |
| Test Graphs                                                                 | 6         |
| <b>APPENDIX A.3: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY</b>       | <b>8</b>  |
| Test Result                                                                 | 8         |
| Test Graphs                                                                 | 9         |
| <b>APPENDIX A.4: TEST RESULTS OF BAND EDGE MEASUREMENTS</b>                 | <b>11</b> |
| Test Result                                                                 | 11        |
| <b>APPENDIX A.5: TEST RESULTS OF CONDUCTED SPURIOUS EMISSION</b>            | <b>12</b> |
| Test Result                                                                 | 12        |
| Test Graphs                                                                 | 13        |
| <b>APPENDIX A.6: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS</b>            | <b>17</b> |
| 30MHz - 1GHz                                                                | 17        |
| 1GHz - 18GHz                                                                | 19        |
| <b>APPENDIX A.7: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS</b> | <b>31</b> |
| <b>APPENDIX A.8: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS</b>         | <b>35</b> |

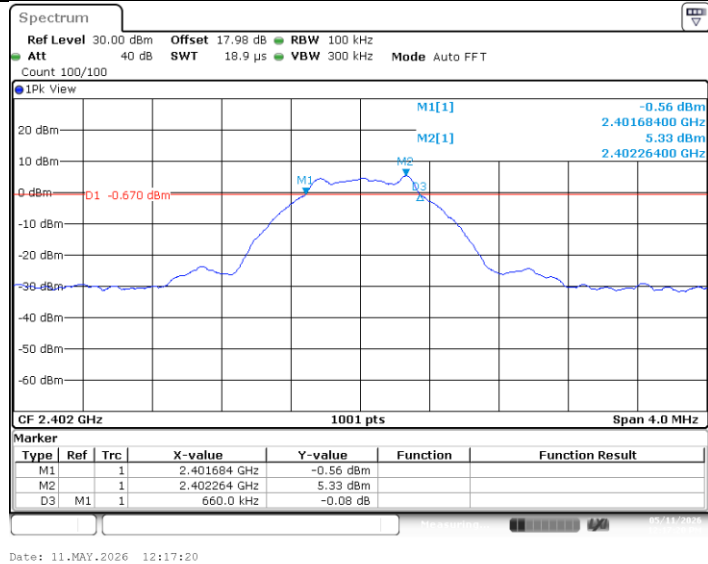
## Appendix A.1: Test Results of 6dB Bandwidth

### *Test Result*

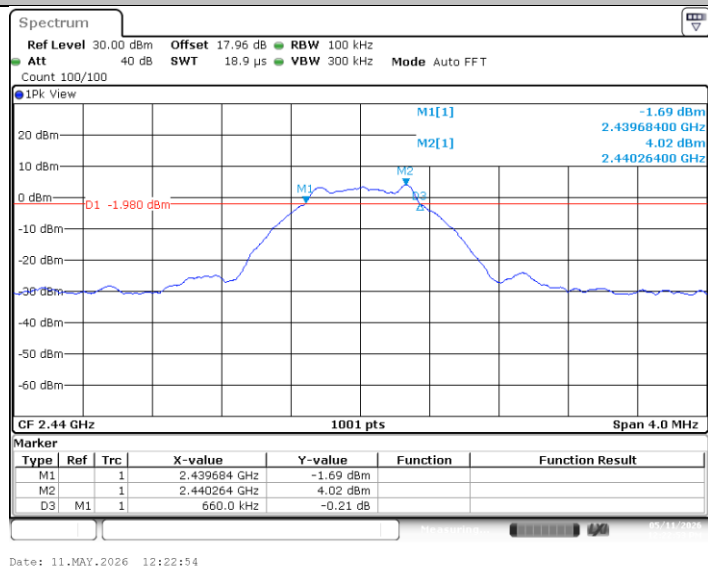
| TestMode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|--------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402    | 0.66         | 2401.68 | 2402.34 | 0.5        | PASS    |
|          |         | 2440    | 0.66         | 2439.68 | 2440.34 | 0.5        | PASS    |
|          |         | 2480    | 0.66         | 2479.68 | 2480.34 | 0.5        | PASS    |

Test Graphs

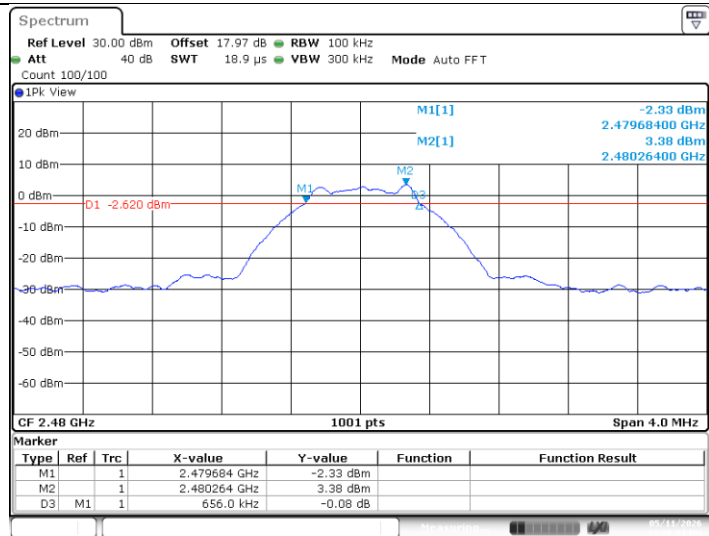
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



Date: 11.MAY.2026 12:26:02

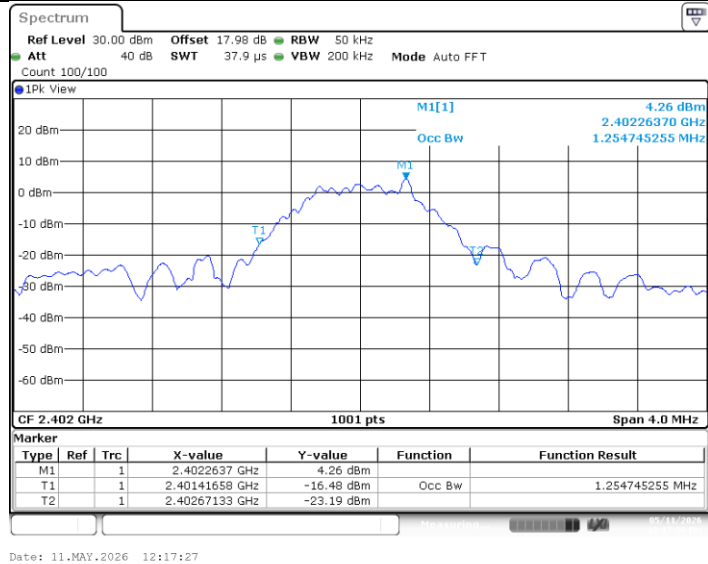
## Appendix A.2: Test Results of 99% Bandwidth

### Test Result

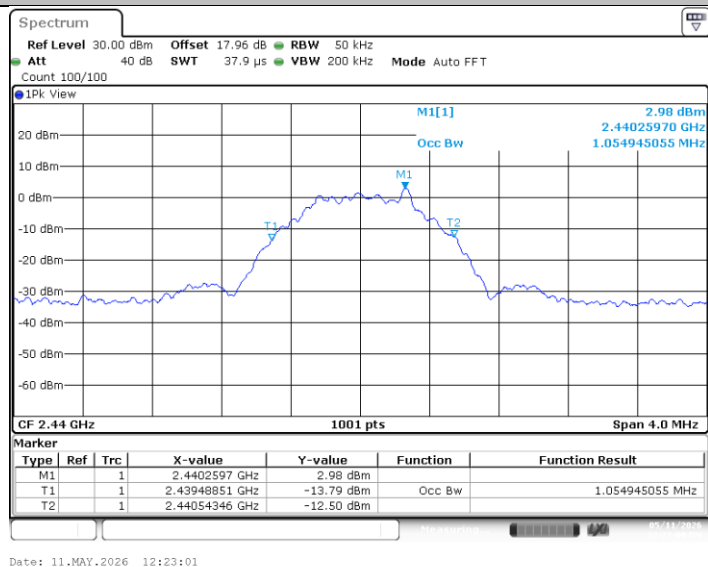
| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|------------|---------|
| BLE_1M   | Ant1    | 2402    | 1.2547    | 2401.4166 | 2402.6713 | ---        | PASS    |
|          |         | 2440    | 1.0549    | 2439.4885 | 2440.5435 | ---        | PASS    |
|          |         | 2480    | 1.0669    | 2479.4805 | 2480.5475 | ---        | PASS    |

Test Graphs

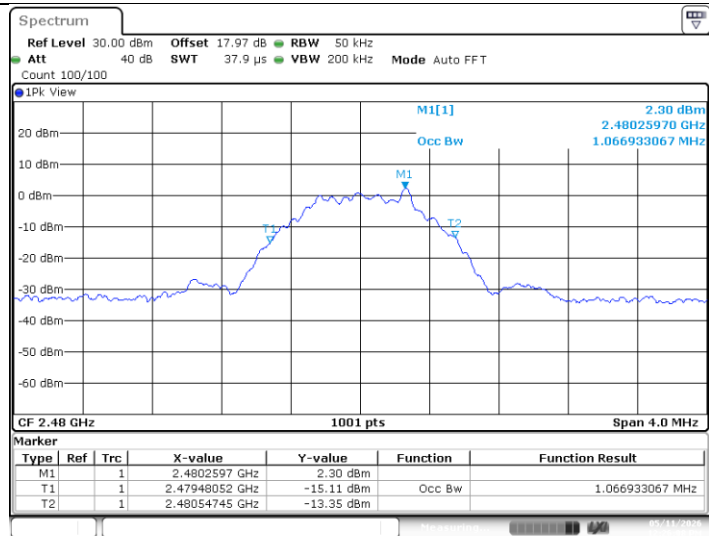
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



Date: 11.MAY.2026 12:26:08

### Appendix A.3: Test Results of Conducted Power Spectral Density

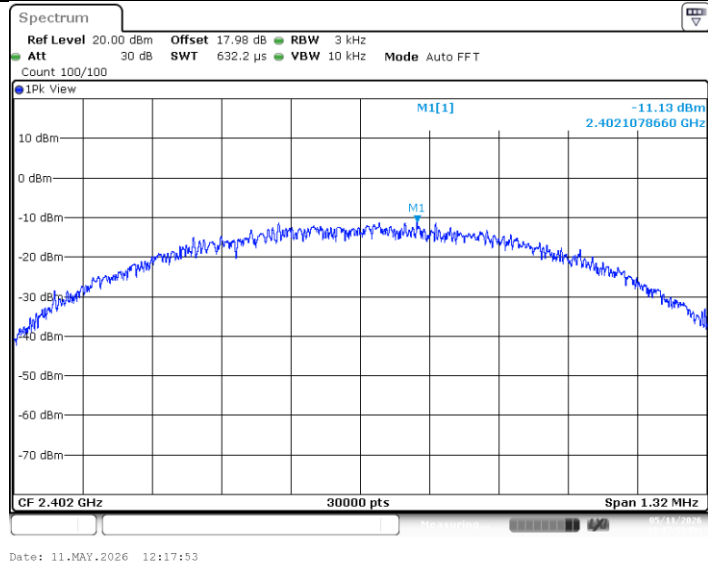
*Test Result*

| TestMode | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|----------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402    | -11.13               | ≤8.00           | PASS    |
|          |         | 2440    | -12.56               | ≤8.00           | PASS    |
|          |         | 2480    | -13.33               | ≤8.00           | PASS    |

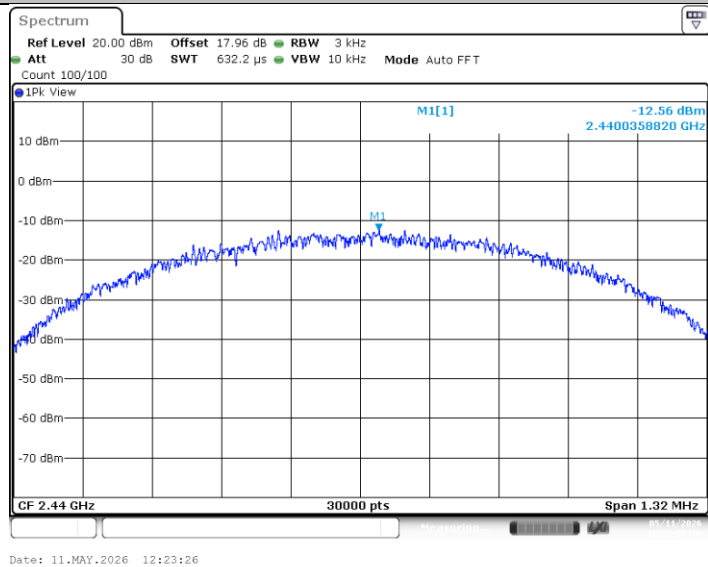


Test Graphs

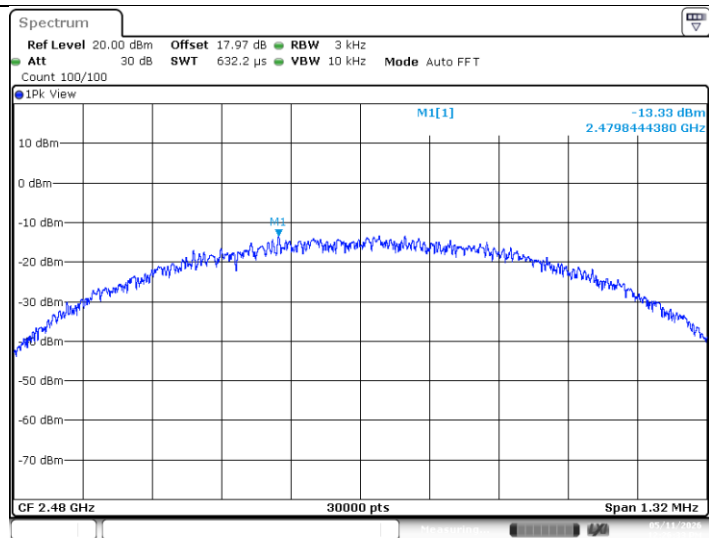
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480

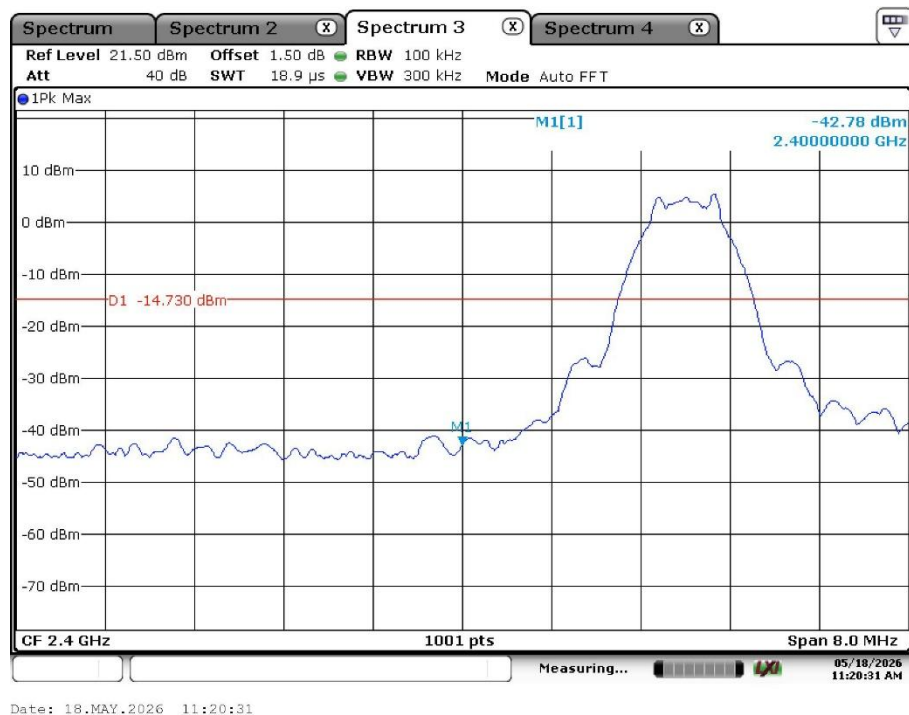


Date: 11.MAY.2026 12:26:34

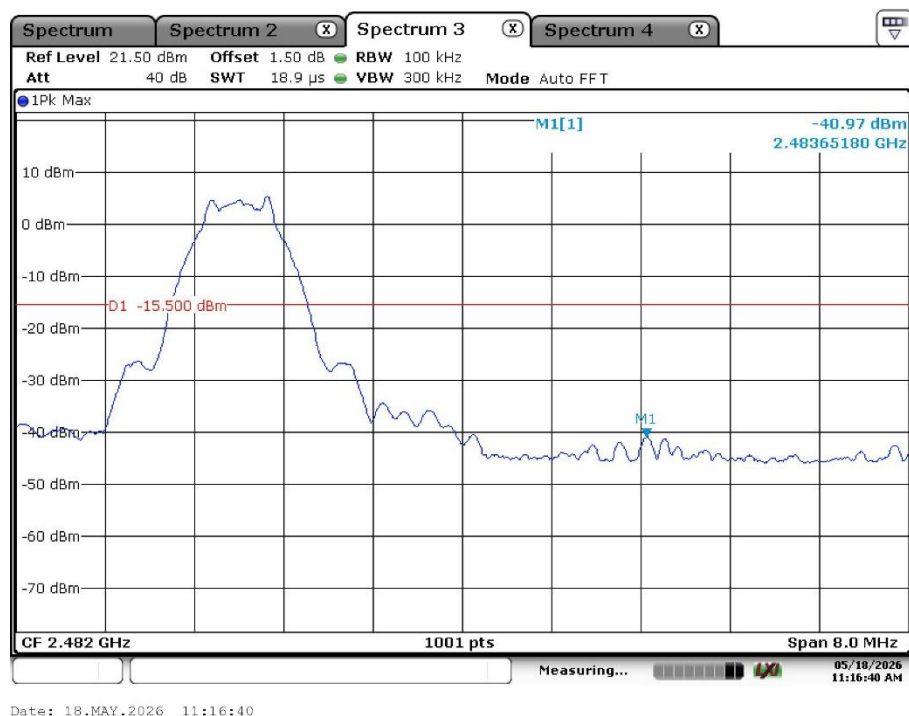
## Appendix A.4: Test Results of Band Edge Measurements

### Test Result

Low Channel:



High Channel:



## Appendix A.5: Test Results of Conducted Spurious Emission

### Test Result

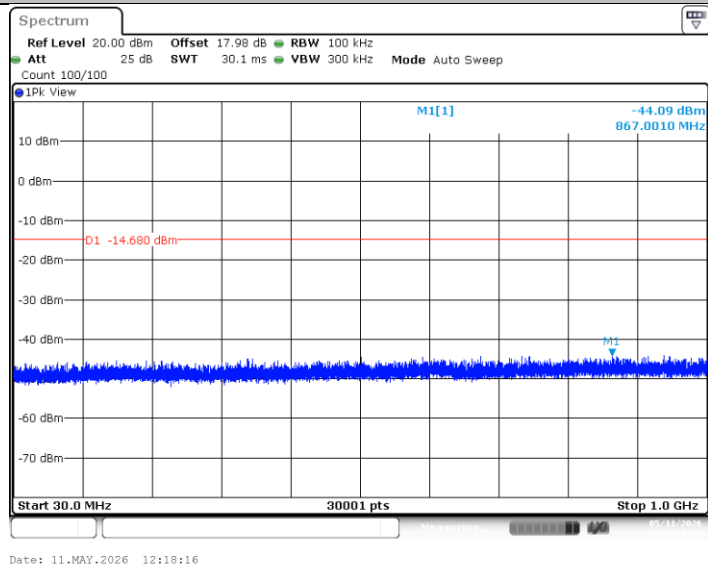
| TestMode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-----------------|----------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402    | Reference       | 5.32           | 5.32        | ---        | PASS    |
|          |         |         | 30~1000         | 5.32           | -44.09      | ≤-14.68    | PASS    |
|          |         |         | 1000~26500      | 5.32           | -38.08      | ≤-14.68    | PASS    |
|          |         | 2440    | Reference       | 4.01           | 4.01        | ---        | PASS    |
|          |         |         | 30~1000         | 4.01           | -43.88      | ≤-15.99    | PASS    |
|          |         |         | 1000~26500      | 4.01           | -38.13      | ≤-15.99    | PASS    |
|          |         | 2480    | Reference       | 3.33           | 3.33        | ---        | PASS    |
|          |         |         | 30~1000         | 3.33           | -43.03      | ≤-16.67    | PASS    |
|          |         |         | 1000~26500      | 3.33           | -38.07      | ≤-16.67    | PASS    |

Test Graphs

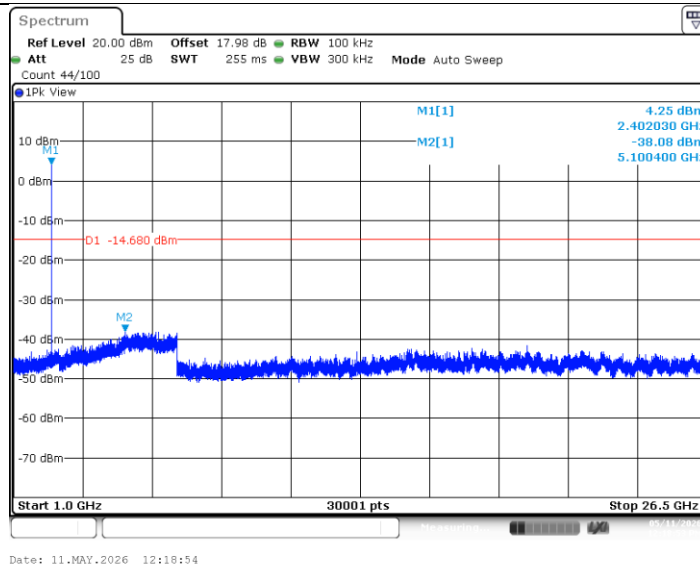
BLE\_1M\_Ant1\_2402\_0~Reference



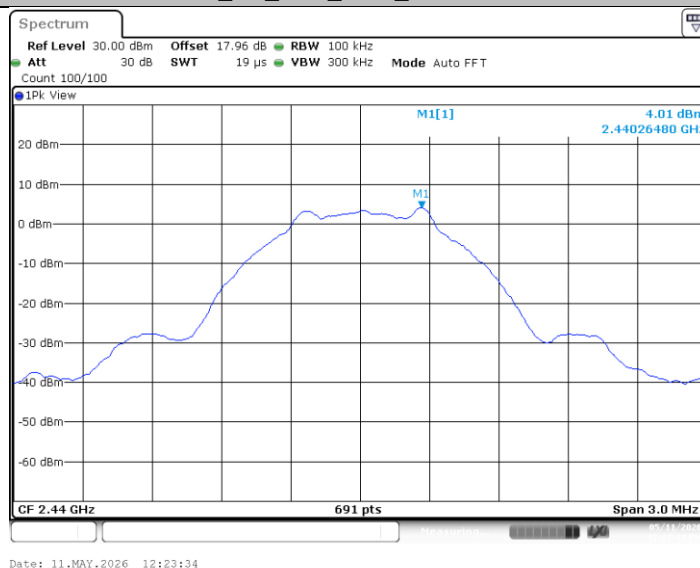
BLE\_1M\_Ant1\_2402\_30~1000



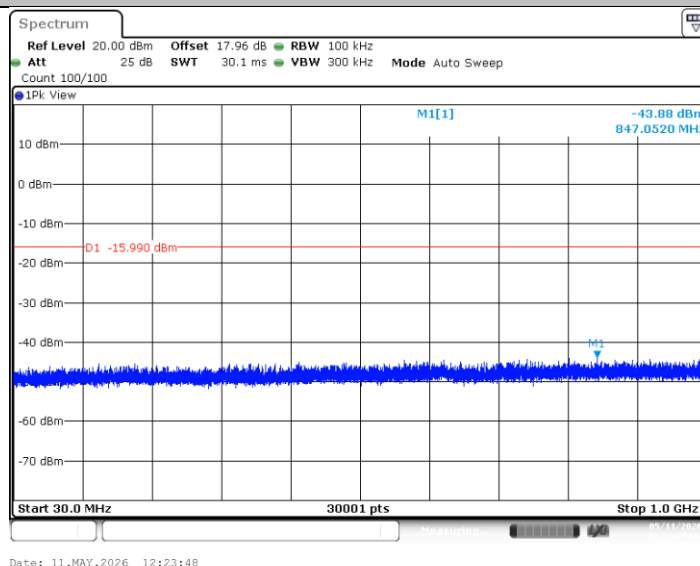
BLE\_1M\_Ant1\_2402\_1000~26500



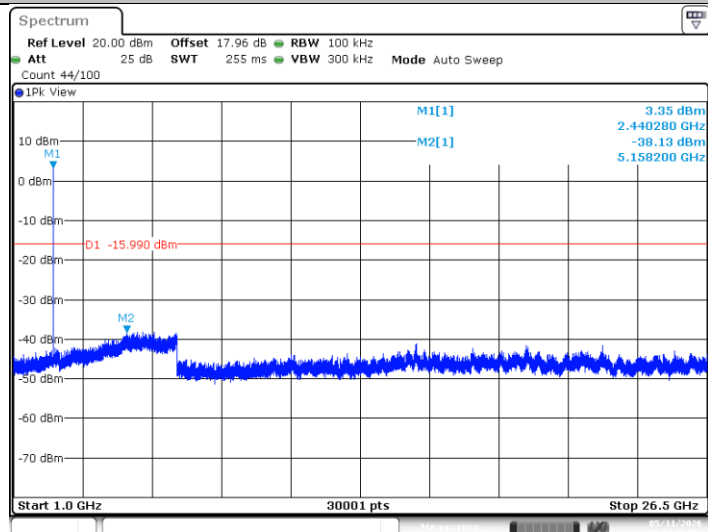
BLE\_1M\_Ant1\_2440\_0~Reference



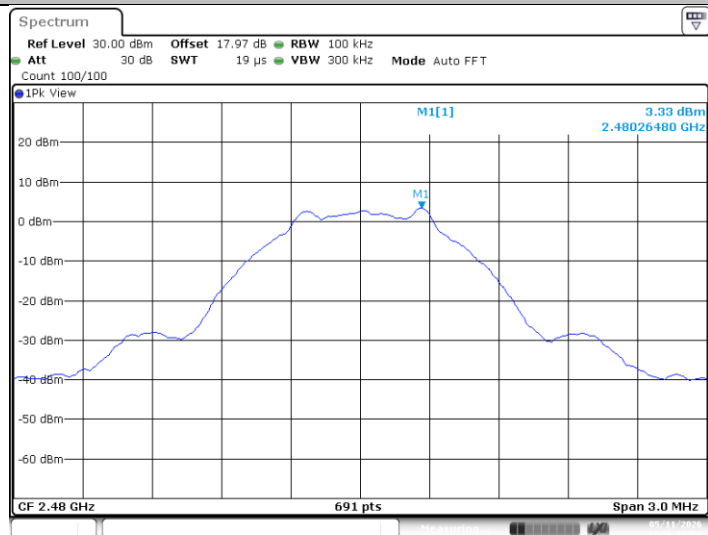
BLE\_1M\_Ant1\_2440\_30~1000



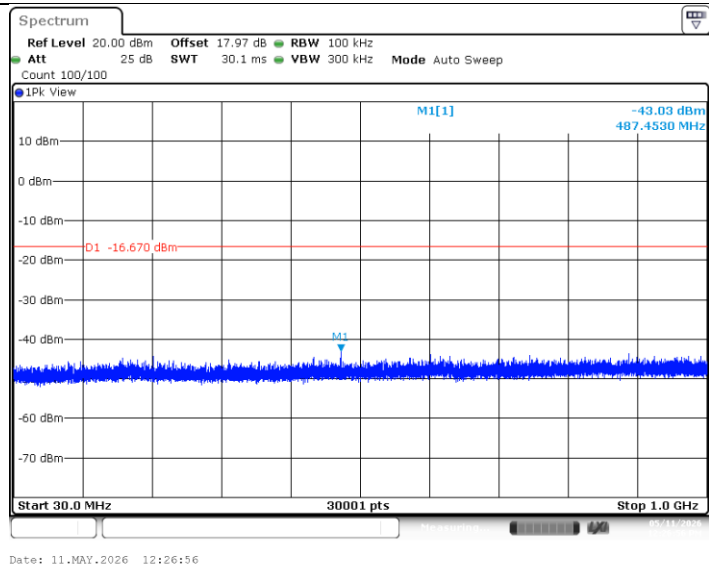
BLE\_1M\_Ant1\_2440\_1000~26500



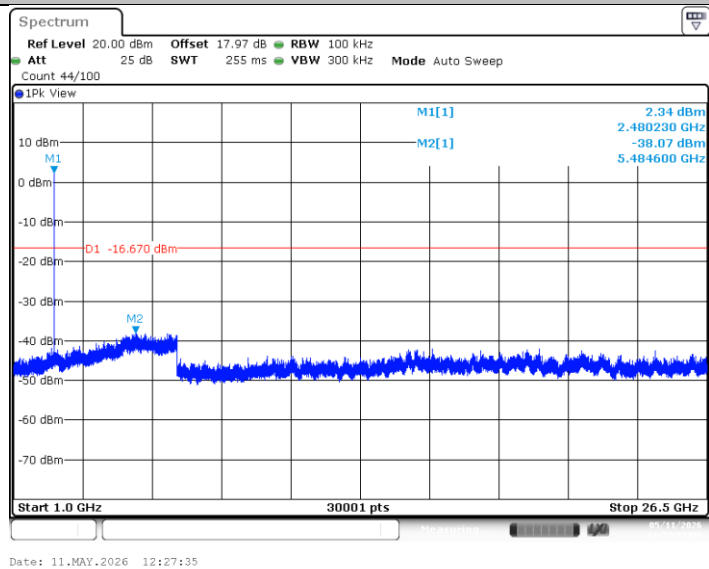
BLE\_1M\_Ant1\_2480\_0~Reference



BLE\_1M\_Ant1\_2480\_30~1000



BLE\_1M\_Ant1\_2480\_1000~26500





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

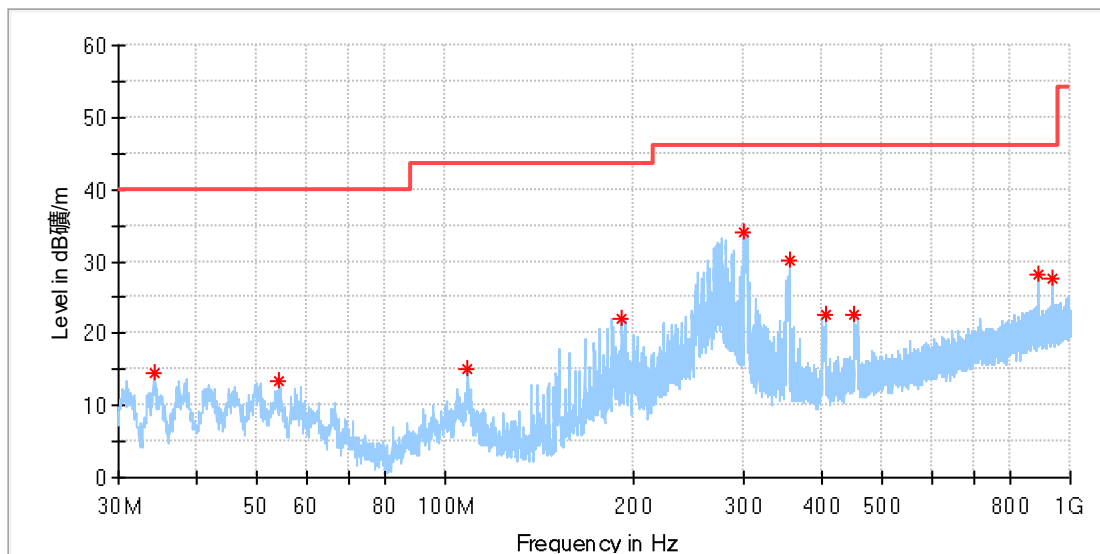
Note:

- 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.

30MHz - 1GHz

### EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Mid channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



### Critical Freqs

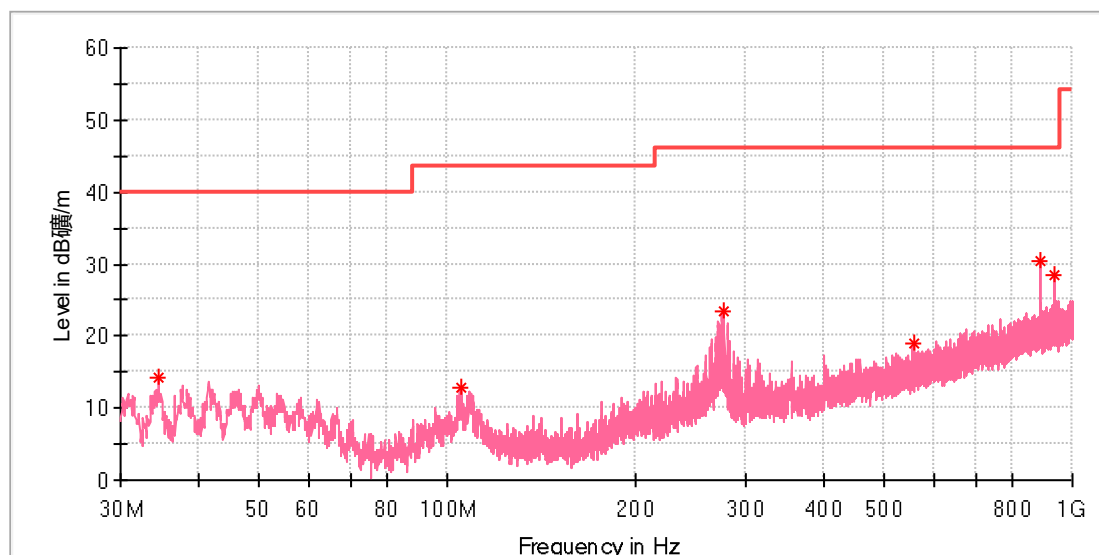
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 34.149444       | 14.60            | 40.00          | 25.40       | 100.0       | H   | 306.0         | -22.3        |
| 54.196111       | 13.31            | 40.00          | 26.69       | 100.0       | H   | 0.0           | -18.5        |
| 108.785556      | 15.18            | 43.50          | 28.32       | 100.0       | H   | 162.0         | -19.1        |
| 190.858333      | 22.18            | 43.50          | 21.32       | 100.0       | H   | 42.0          | -19.6        |
| 301.115000      | 34.12            | 46.00          | 11.88       | 100.0       | H   | 346.0         | -16.2        |
| 355.704444      | 30.05            | 46.00          | 15.95       | 100.0       | H   | 19.0          | -14.7        |
| 406.306111      | 22.50            | 46.00          | 23.50       | 100.0       | H   | 19.0          | -13.6        |
| 451.141667      | 22.50            | 46.00          | 23.50       | 100.0       | H   | 220.0         | -12.7        |
| 890.982778      | 28.14            | 46.00          | 17.86       | 100.0       | H   | 346.0         | -4.9         |
| 936.950000      | 27.65            | 46.00          | 18.35       | 100.0       | H   | 66.0          | -4.4         |

### Final Result

| Frequency (MHz) | QuasiPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---            | ---         | ---         | --- | ---           | ---          |

## EUT Information

EUT Name: Robot Vacuum and Mop  
Model: YJCC041  
Test Mode: BLE 1M\_Mid channel  
Order No/Sample No: A004226155-001  
Test Voltage: Battery  
Remark: Temp 23.5°C Humi:54%  
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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 34.526667       | 14.26            | 40.00          | 25.74       | 100.0       | V   | 296.0         | -22.1        |
| 105.013333      | 12.70            | 43.50          | 30.80       | 100.0       | V   | 152.0         | -18.9        |
| 277.511667      | 23.49            | 46.00          | 22.51       | 100.0       | V   | 251.0         | -16.8        |
| 557.626111      | 18.90            | 46.00          | 27.10       | 100.0       | V   | 51.0          | -10.6        |
| 890.982778      | 30.29            | 46.00          | 15.71       | 100.0       | V   | 136.0         | -4.9         |
| 938.405000      | 28.40            | 46.00          | 17.60       | 100.0       | V   | 185.0         | -4.4         |

## Final\_Result

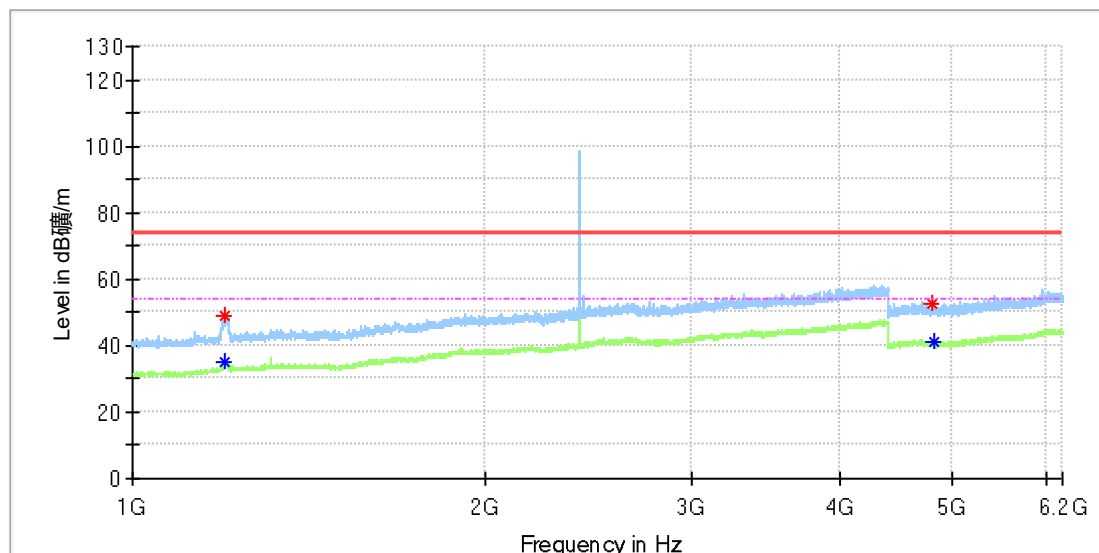
| Frequency (MHz) | QuasiPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---            | ---         | ---         |     | ---           | ---          |

1GHz - 18GHz

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

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Low channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical Freqs

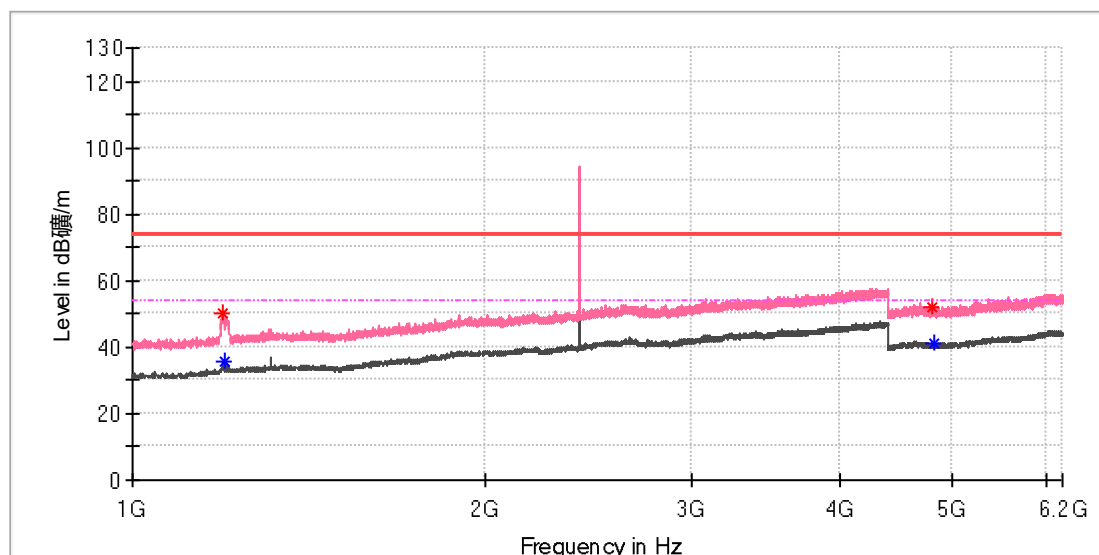
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 1196.000000        | ---                 | 34.98               | 54.00             | 19.02          | 150.0          | H   | 216.0            | 1.7             |
| 1200.000000        | 49.02               | ---                 | 74.00             | 24.98          | 150.0          | H   | 216.0            | 1.8             |
| 4810.500000        | 52.58               | ---                 | 74.00             | 21.42          | 150.0          | H   | 230.0            | 13.3            |
| 4820.500000        | ---                 | 40.92               | 54.00             | 13.08          | 150.0          | H   | 184.0            | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Low channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

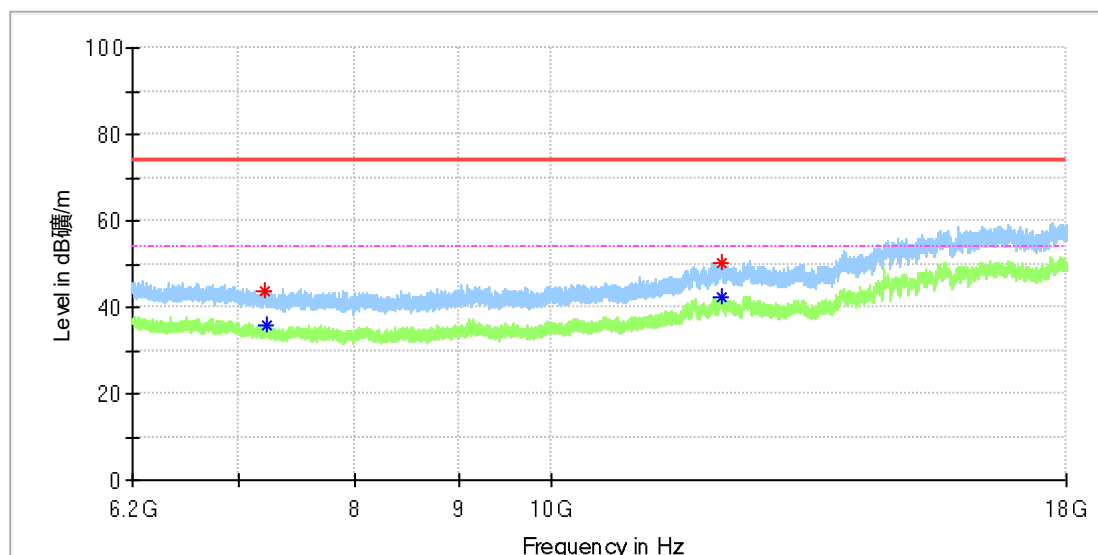
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 1194.500000        | 49.91               | ---                 | 74.00             | 24.09          | 150.0          | V   | 187.0            | 1.7             |
| 1200.500000        | ---                 | 35.80               | 54.00             | 18.20          | 150.0          | V   | 223.0            | 1.8             |
| 4802.500000        | 52.22               | ---                 | 74.00             | 21.78          | 150.0          | V   | 157.0            | 13.3            |
| 4819.000000        | ---                 | 41.04               | 54.00             | 12.96          | 150.0          | V   | 61.0             | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Low channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

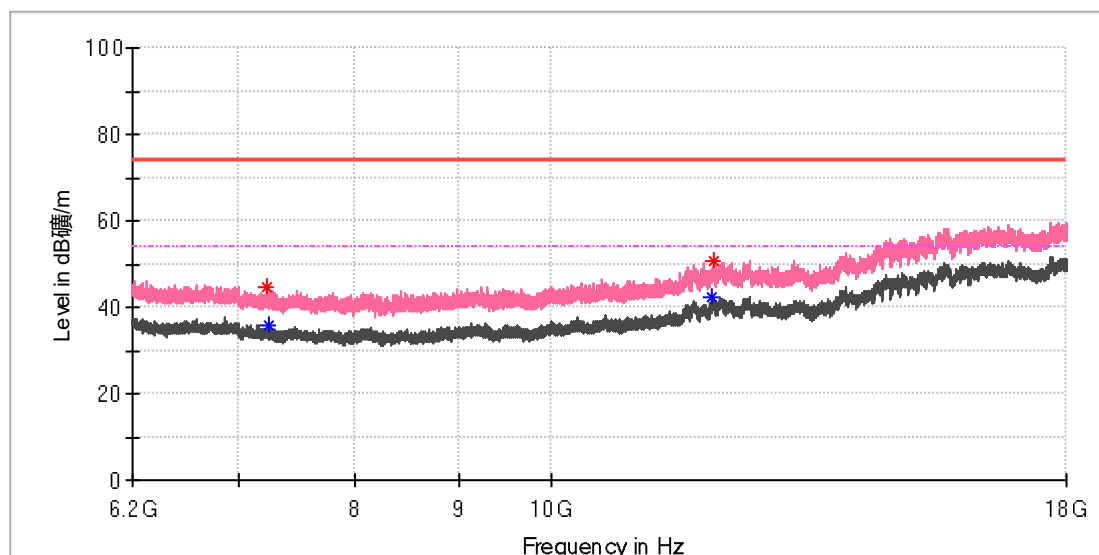
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7216.275000        | 43.77               | ---                 | 74.00             | 30.23          | 150.0          | H   | 269.0            | 8.7             |
| 7218.733333        | ---                 | 35.85               | 54.00             | 18.15          | 150.0          | H   | 169.0            | 8.7             |
| 12141.791667       | ---                 | 42.44               | 54.00             | 11.56          | 150.0          | H   | 158.0            | 16.5            |
| 12143.266667       | 50.11               | ---                 | 74.00             | 23.89          | 150.0          | H   | 223.0            | 16.6            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Low channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

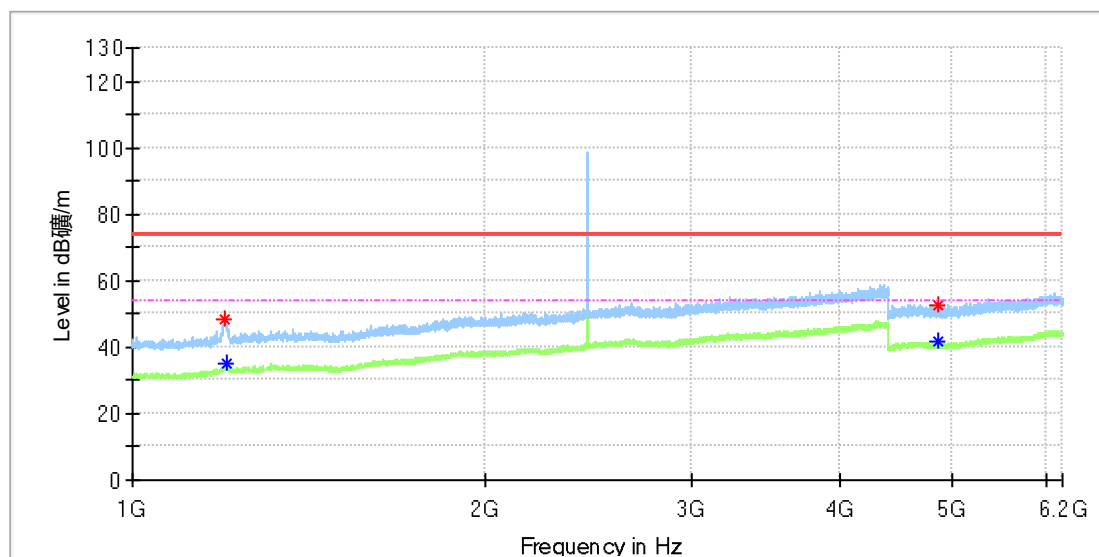
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7231.025000        | 44.42               | ---                 | 74.00             | 29.58          | 150.0          | V   | 260.0            | 8.6             |
| 7244.300000        | ---                 | 35.65               | 54.00             | 18.35          | 150.0          | V   | 174.0            | 8.6             |
| 12016.416667       | ---                 | 42.30               | 54.00             | 11.70          | 150.0          | V   | 249.0            | 15.6            |
| 12037.558333       | 50.52               | ---                 | 74.00             | 23.48          | 150.0          | V   | 108.0            | 16.1            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Mid channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

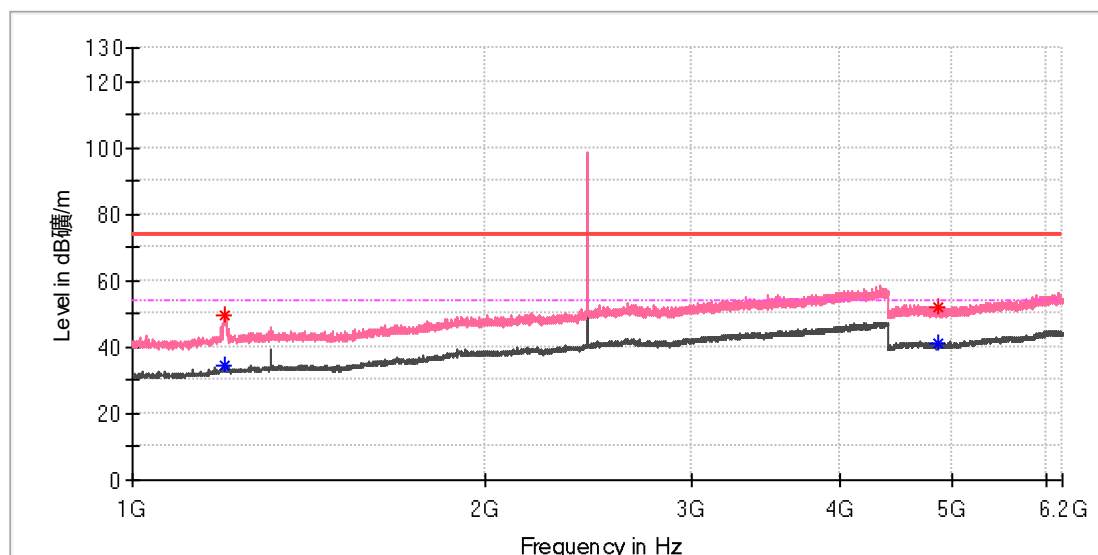
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 1199.500000        | 48.27               | ---                 | 74.00             | 25.73          | 150.0          | H   | 195.0            | 1.8             |
| 1201.000000        | ---                 | 34.91               | 54.00             | 19.09          | 150.0          | H   | 305.0            | 1.8             |
| 4858.000000        | 52.36               | ---                 | 74.00             | 21.64          | 150.0          | H   | 203.0            | 13.3            |
| 4862.000000        | ---                 | 41.48               | 54.00             | 12.52          | 150.0          | H   | 252.0            | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Mid channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 1200.000000        | 49.72               | ---                 | 74.00             | 24.28          | 150.0          | V   | 323.0            | 1.8             |
| 1200.000000        | ---                 | 34.74               | 54.00             | 19.26          | 150.0          | V   | 323.0            | 1.8             |
| 4860.500000        | ---                 | 41.13               | 54.00             | 12.87          | 150.0          | V   | 173.0            | 13.3            |
| 4861.000000        | 52.00               | ---                 | 74.00             | 22.00          | 150.0          | V   | 24.0             | 13.3            |

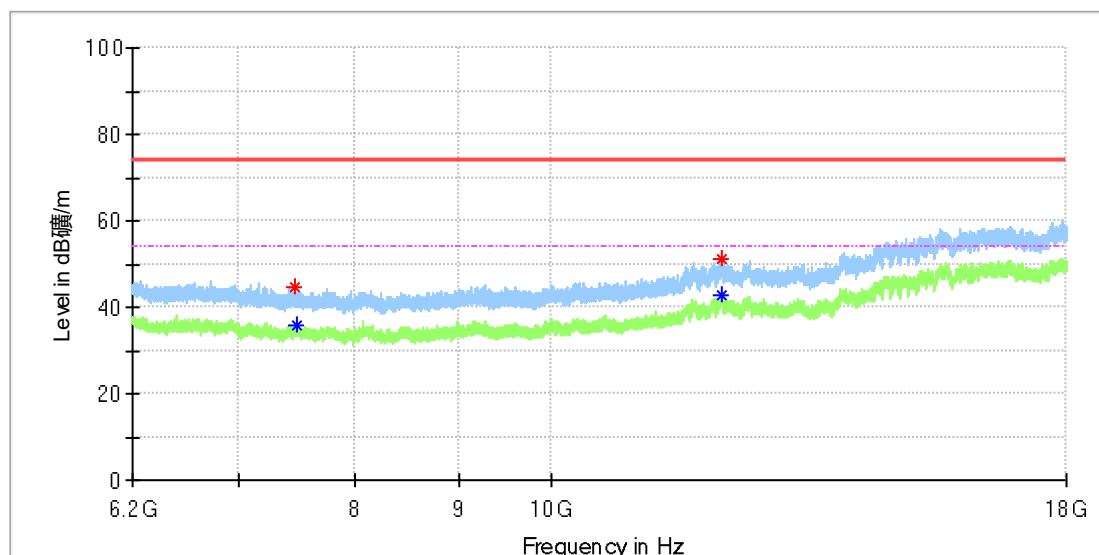
## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |



## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Mid channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical Freqs

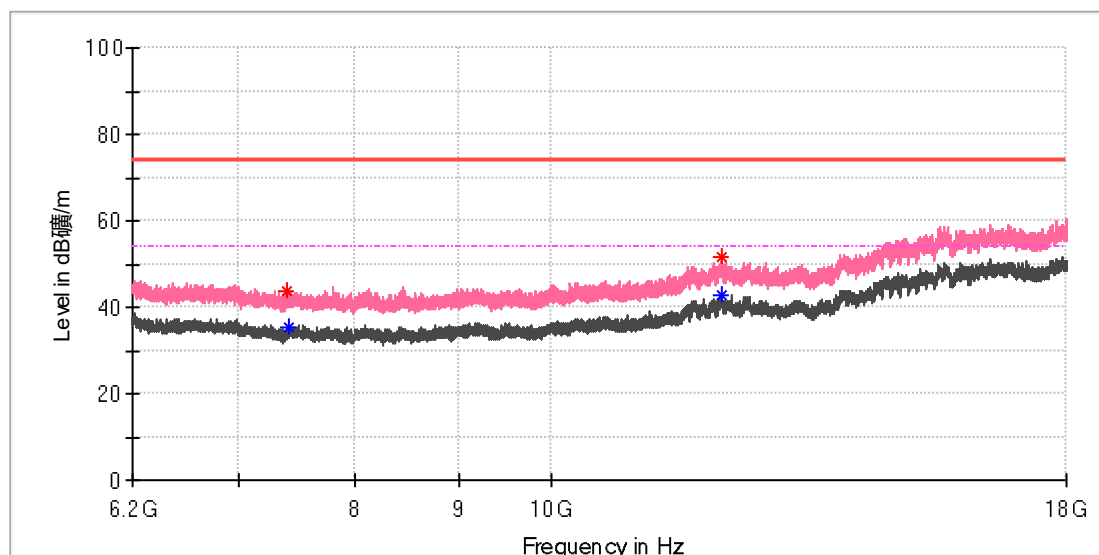
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7462.600000        | 44.66               | ---                 | 74.00             | 29.34          | 150.0          | H   | 0.0              | 8.6             |
| 7481.775000        | ---                 | 35.78               | 54.00             | 18.22          | 150.0          | H   | 285.0            | 8.7             |
| 12137.366667       | 50.97               | ---                 | 74.00             | 23.03          | 150.0          | H   | 193.0            | 16.4            |
| 12139.825000       | ---                 | 42.64               | 54.00             | 11.36          | 150.0          | H   | 319.0            | 16.5            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Mid channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

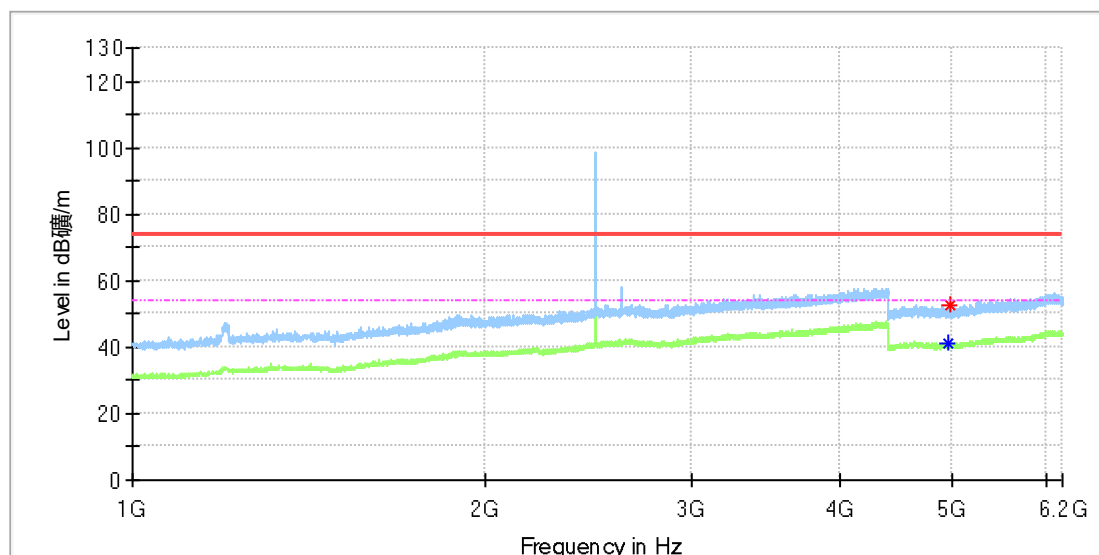
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7400.158333        | 43.55               | ---                 | 74.00             | 30.45          | 150.0          | V   | 256.0            | 8.3             |
| 7404.091667        | ---                 | 35.41               | 54.00             | 18.59          | 150.0          | V   | 292.0            | 8.3             |
| 12145.233333       | ---                 | 42.98               | 54.00             | 11.02          | 150.0          | V   | 303.0            | 16.6            |
| 12148.675000       | 51.42               | ---                 | 74.00             | 22.58          | 150.0          | V   | 357.0            | 16.7            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_High channel  |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

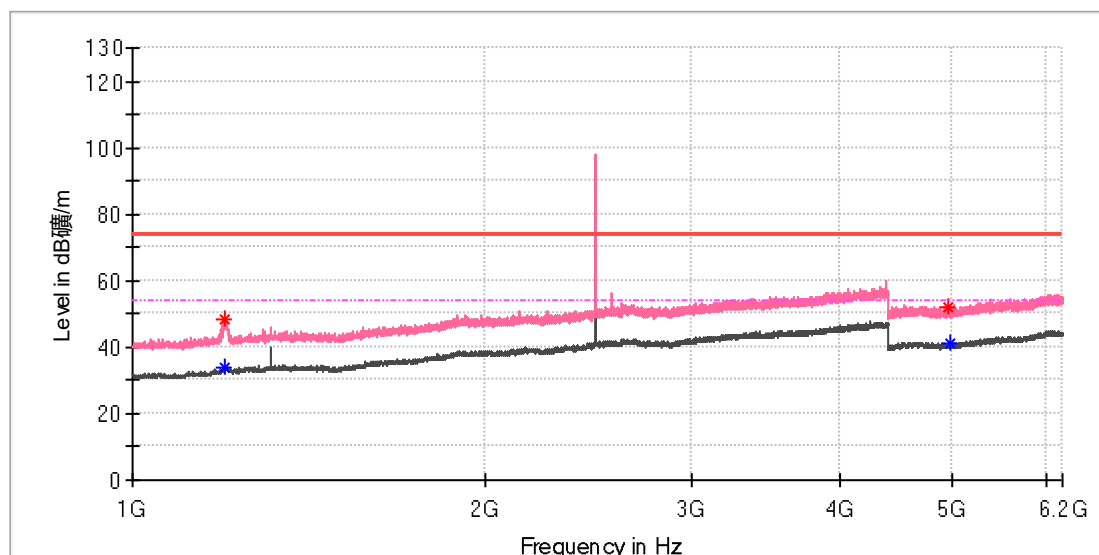
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4964.000000        | ---                 | 40.95               | 54.00             | 13.05          | 150.0          | H   | 87.0             | 13.3            |
| 4965.000000        | 52.36               | ---                 | 74.00             | 21.64          | 150.0          | H   | 194.0            | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_High channel  |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

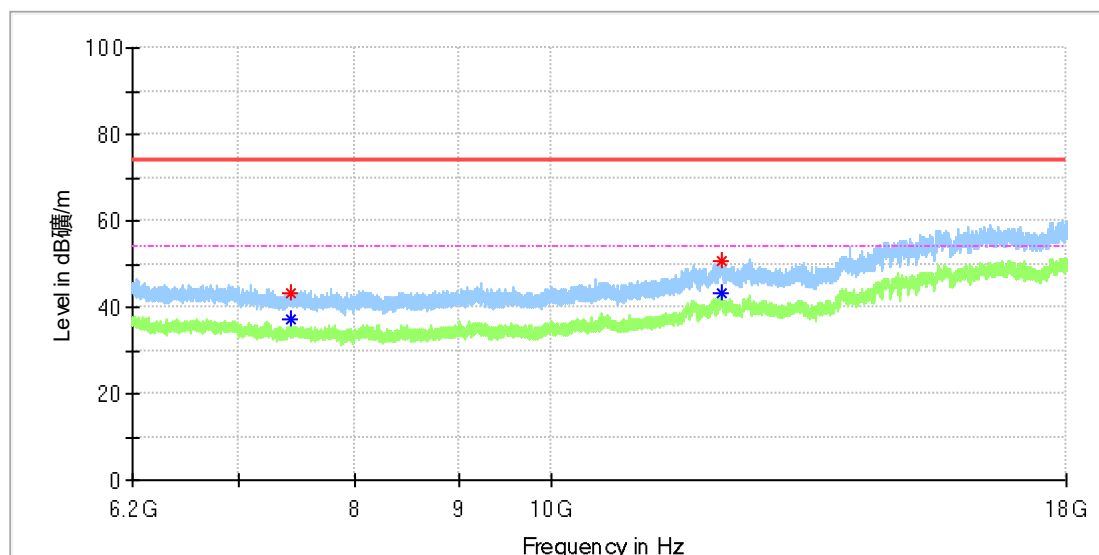
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 1198.000000        | ---                 | 34.11               | 54.00             | 19.89          | 150.0          | V   | 321.0            | 1.8             |
| 1199.000000        | 48.61               | ---                 | 74.00             | 25.39          | 150.0          | V   | 328.0            | 1.8             |
| 4960.000000        | 51.71               | ---                 | 74.00             | 22.29          | 150.0          | V   | 359.0            | 13.3            |
| 4970.000000        | ---                 | 40.90               | 54.00             | 13.10          | 150.0          | V   | 89.0             | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_High channel  |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7428.183333        | ---                 | 36.99               | 54.00             | 17.01          | 150.0          | H   | 64.0             | 8.4             |
| 7433.591667        | 43.26               | ---                 | 74.00             | 30.74          | 150.0          | H   | 95.0             | 8.4             |
| 12133.925000       | 50.47               | ---                 | 74.00             | 23.53          | 150.0          | H   | 52.0             | 16.3            |
| 12150.150000       | ---                 | 43.07               | 54.00             | 10.93          | 150.0          | H   | 74.0             | 16.7            |

## Final Result

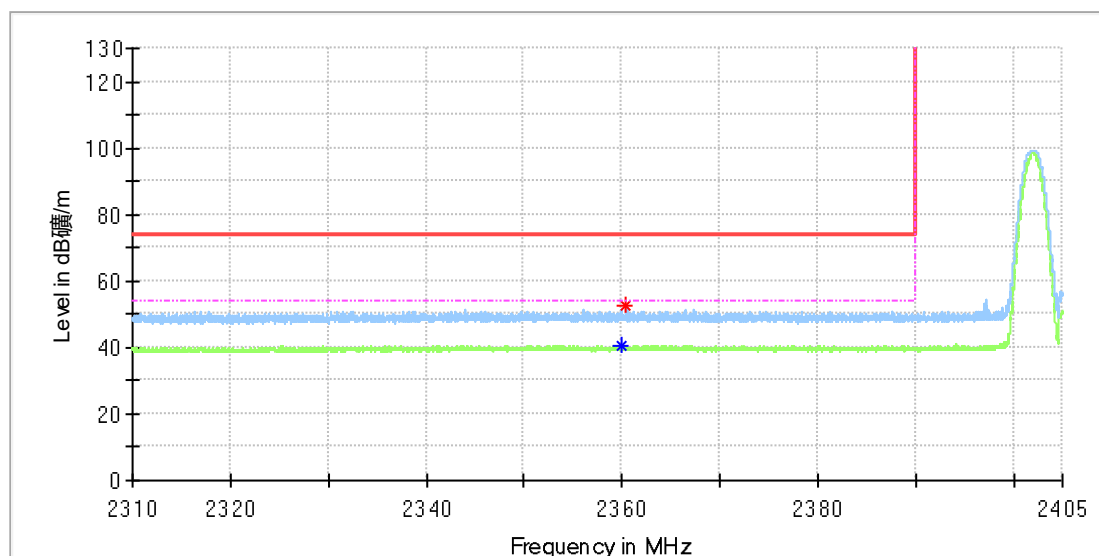
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |



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

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Low channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

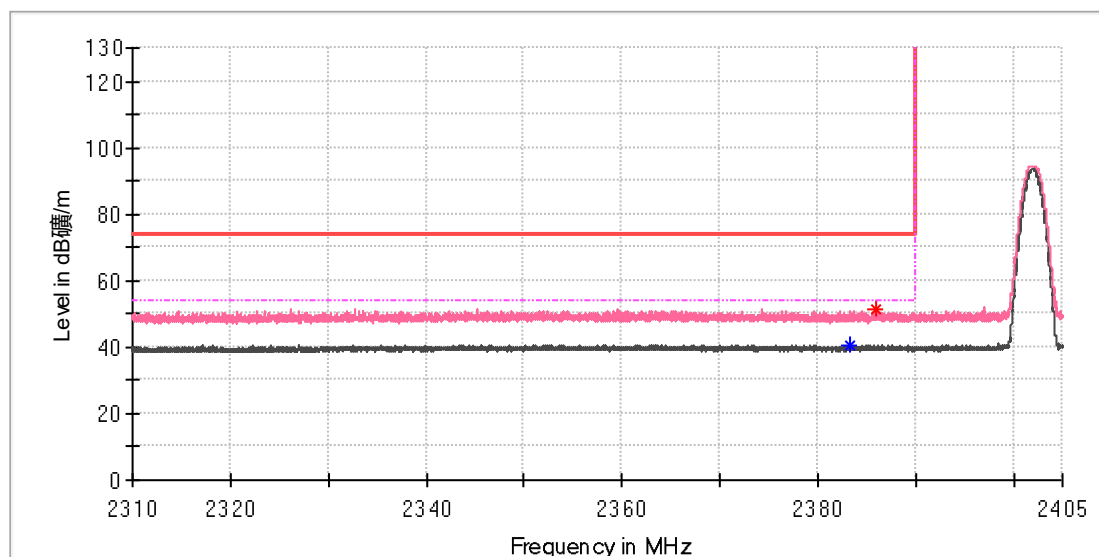
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2360.052059        | ---                 | 40.55               | 54.00             | 13.45          | 150.0          | H   | 81.0             | 8.5             |
| 2360.455588        | 52.55               | ---                 | 74.00             | 21.45          | 150.0          | H   | 62.0             | 8.5             |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 100.000000         | 100.000000          | 100.000000          | 100.000000        | 100.000000     | 100.000000     |     | 100.000000       |                 |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_Low channel   |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2383.341471        | ---                 | 40.53               | 54.00             | 13.47          | 150.0          | V   | 37.0             | 8.5             |
| 2385.950000        | 51.63               | ---                 | 74.00             | 22.37          | 150.0          | V   | 258.0            | 8.5             |

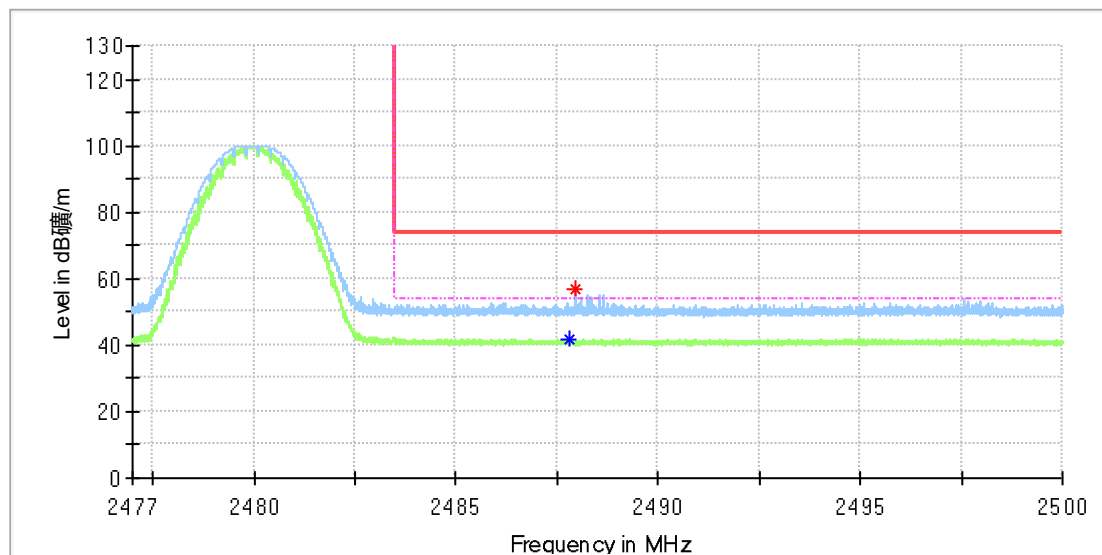
## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |



## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_High channel  |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

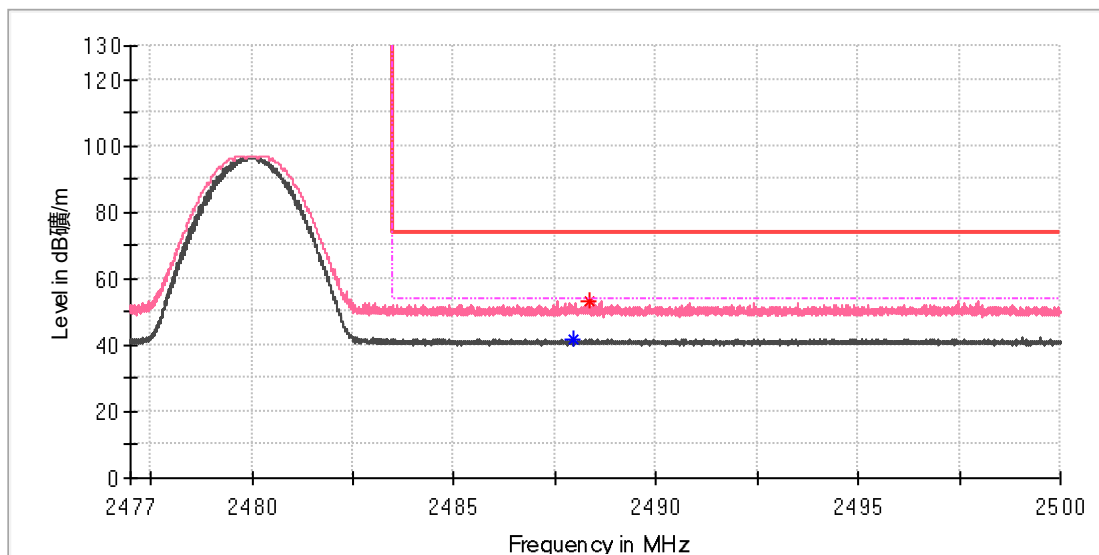
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2487.819853        | ---                 | 41.58               | 54.00             | 12.42          | 150.0          | H   | 301.0            | 9.0             |
| 2487.966912        | 57.06               | ---                 | 74.00             | 16.94          | 150.0          | H   | 46.0             | 9.0             |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ----               | ----                | ----                | ----              | ----           | ----           |     | ----             | ----            |

## EUT Information

|                     |                      |
|---------------------|----------------------|
| EUT Name:           | Robot Vacuum and Mop |
| Model:              | YJCC041              |
| Test Mode:          | BLE 1M_High channel  |
| Order No/Sample No: | A004226155-001       |
| Test Voltage:       | Battery              |
| Remark:             | Temp 23.5°C Humi:54% |
| Test Standard:      | FCC 15.247           |
| Tested By:          | Kei Zhang            |
| Reviewed By:        | Terry Yin            |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2487.941177        | ---                 | 41.80               | 54.00             | 12.21          | 150.0          | V   | 2.0              | 9.0             |
| 2488.334559        | 52.97               | ---                 | 74.00             | 21.03          | 150.0          | V   | 2.0              | 9.0             |

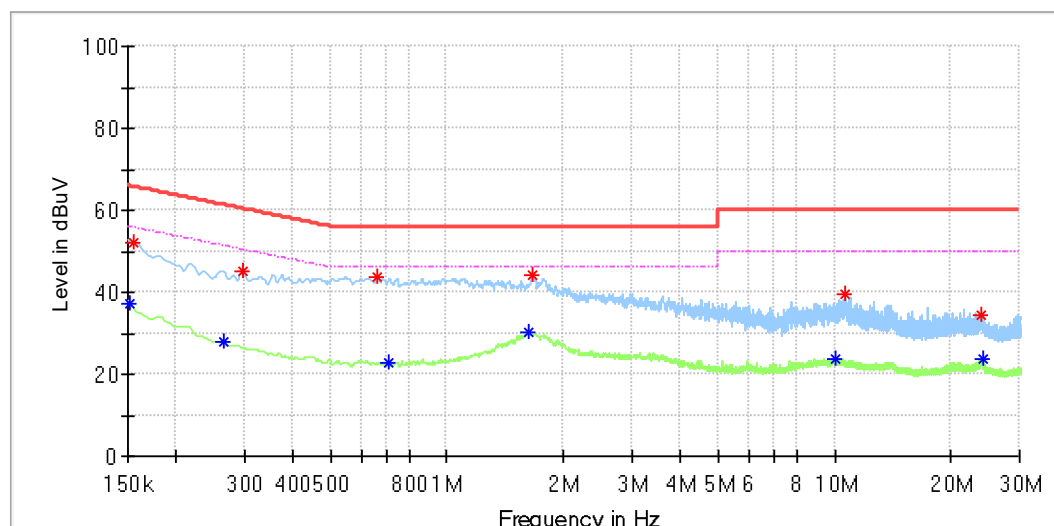
## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## Appendix A.8: Test Results of Conducted Emission on AC Mains

### EUT Information

EUT Name: Robot Vacuum and Mop  
Order Number: P02344446  
Model: YJCC041  
Test Mode: Charging + Bluetooth+ Wi-Fi  
Test Voltage: AC 120V/60Hz  
Standard: FCC PART 15  
Test By:/Review By: Charron Chen / Charlie Zha  
Tem./Hum./Pressure: 24.2°C/51.0%/101kPa  
Remark: SR 3

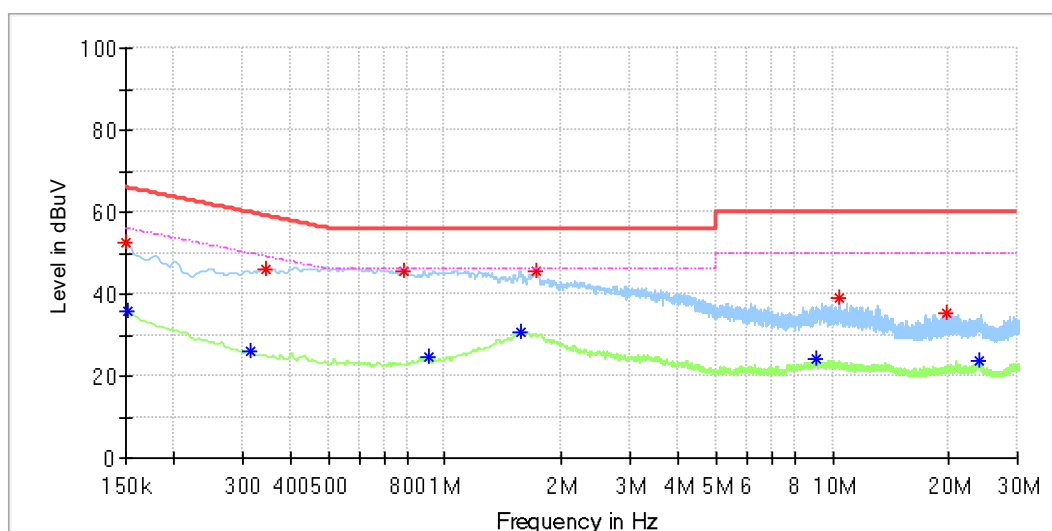


### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.152           | ---            | 37.2           | 55.86        | 18.65       | L1   | 9.5        |
| 0.155           | 52.3           | ---            | 65.73        | 13.44       | L1   | 9.6        |
| 0.264           | ---            | 28.1           | 51.29        | 23.18       | L1   | 9.7        |
| 0.297           | 44.9           | ---            | 60.33        | 15.41       | L1   | 9.6        |
| 0.657           | 43.7           | ---            | 56.00        | 12.29       | L1   | 9.7        |
| 0.705           | ---            | 22.9           | 46.00        | 23.07       | L1   | 9.8        |
| 1.625           | ---            | 30.2           | 46.00        | 15.78       | L1   | 9.6        |
| 1.667           | 44.4           | ---            | 56.00        | 11.59       | L1   | 9.6        |
| 10.080          | ---            | 23.6           | 50.00        | 26.36       | L1   | 10.0       |
| 10.680          | 39.4           | ---            | 60.00        | 20.65       | L1   | 9.9        |
| 24.013          | 34.5           | ---            | 60.00        | 25.47       | L1   | 9.8        |
| 24.040          | ---            | 23.7           | 50.00        | 26.31       | L1   | 9.8        |

## EUT Information

EUT Name: Robot Vacuum and Mop  
Order Number: P02344446  
Model: YJCC041  
Test Mode: Charging + Bluetooth+ Wi-Fi  
Test Voltage: AC 120V/60Hz  
Standard: FCC PART 15  
Test By:/Review By: Charron Chen / Charlie Zha  
Tem./Hum./Pressure: 24.2°C/51.0%/101kPa  
Remark: SR 3



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.150           | 52.4           | ---            | 66.00        | 13.57       | N    | 9.7        |
| 0.152           | ---            | 35.9           | 55.86        | 20.00       | N    | 9.7        |
| 0.314           | ---            | 26.0           | 49.86        | 23.86       | N    | 9.9        |
| 0.344           | 46.1           | ---            | 59.11        | 12.96       | N    | 9.9        |
| 0.782           | 45.6           | ---            | 56.00        | 10.37       | N    | 9.8        |
| 0.906           | ---            | 24.6           | 46.00        | 21.41       | N    | 9.8        |
| 1.563           | ---            | 30.8           | 46.00        | 15.24       | N    | 9.9        |
| 1.722           | 45.8           | ---            | 56.00        | 10.21       | N    | 9.9        |
| 9.030           | ---            | 24.3           | 50.00        | 25.67       | N    | 9.7        |
| 10.374          | 39.2           | ---            | 60.00        | 20.80       | N    | 9.7        |
| 19.727          | 35.4           | ---            | 60.00        | 24.57       | N    | 9.7        |
| 23.903          | ---            | 23.8           | 50.00        | 26.22       | N    | 9.9        |