

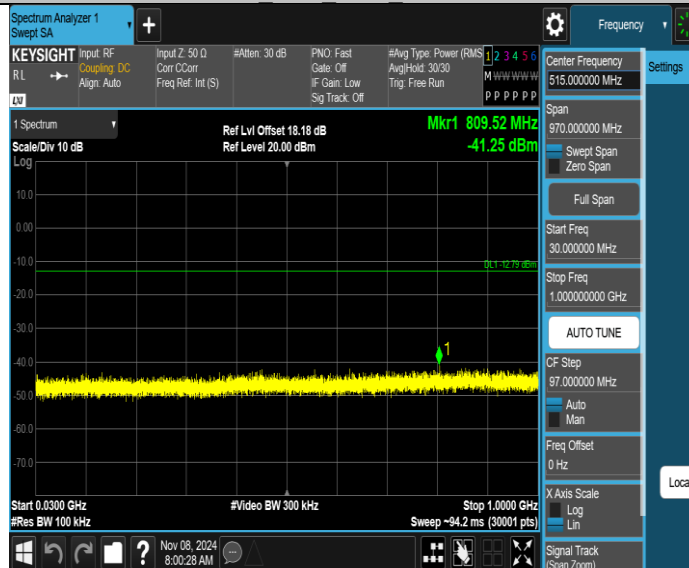
### Conducted Spurious Emission

| TestMode  | Antenna | Channel | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412    | Reference       | 7.21           | 7.21         | ---         | PASS    |
|           |         |         | 30~1000         | 7.21           | -41.25       | ≤-12.79     | PASS    |
|           |         |         | 1000~26500      | 7.21           | -32.72       | ≤-12.79     | PASS    |
|           |         | 2437    | Reference       | 5.56           | 5.56         | ---         | PASS    |
|           |         |         | 30~1000         | 5.56           | -41.54       | ≤-14.44     | PASS    |
|           |         |         | 1000~26500      | 5.56           | -32.14       | ≤-14.44     | PASS    |
|           |         | 2462    | Reference       | 7.57           | 7.57         | ---         | PASS    |
|           |         |         | 30~1000         | 7.57           | -41.62       | ≤-12.43     | PASS    |
|           |         |         | 1000~26500      | 7.57           | -32.89       | ≤-12.43     | PASS    |
| 11G       | Ant1    | 2412    | Reference       | 1.21           | 1.21         | ---         | PASS    |
|           |         |         | 30~1000         | 1.21           | -41.18       | ≤-18.79     | PASS    |
|           |         |         | 1000~26500      | 1.21           | -32.23       | ≤-18.79     | PASS    |
|           |         | 2437    | Reference       | 1.37           | 1.37         | ---         | PASS    |
|           |         |         | 30~1000         | 1.37           | -40.96       | ≤-18.63     | PASS    |
|           |         |         | 1000~26500      | 1.37           | -32.65       | ≤-18.63     | PASS    |
|           |         | 2462    | Reference       | 1.43           | 1.43         | ---         | PASS    |
|           |         |         | 30~1000         | 1.43           | -40.54       | ≤-18.57     | PASS    |
|           |         |         | 1000~26500      | 1.43           | -32.89       | ≤-18.57     | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference       | -0.11          | -0.11        | ---         | PASS    |
|           |         |         | 30~1000         | -0.11          | -40.7        | ≤-20.11     | PASS    |
|           |         |         | 1000~26500      | -0.11          | -32.76       | ≤-20.11     | PASS    |
|           |         | 2437    | Reference       | 2.36           | 2.36         | ---         | PASS    |
|           |         |         | 30~1000         | 2.36           | -41.52       | ≤-17.64     | PASS    |
|           |         |         | 1000~26500      | 2.36           | -32.94       | ≤-17.64     | PASS    |
|           |         | 2462    | Reference       | 1.31           | 1.31         | ---         | PASS    |
|           |         |         | 30~1000         | 1.31           | -41.21       | ≤-18.69     | PASS    |
|           |         |         | 1000~26500      | 1.31           | -32.76       | ≤-18.69     | PASS    |
| 11N40SISO | Ant1    | 2422    | Reference       | 1.15           | 1.15         | ---         | PASS    |
|           |         |         | 30~1000         | 1.15           | -40.46       | ≤-18.85     | PASS    |
|           |         |         | 1000~26500      | 1.15           | -32.6        | ≤-18.85     | PASS    |
|           |         | 2437    | Reference       | 1.55           | 1.55         | ---         | PASS    |
|           |         |         | 30~1000         | 1.55           | -41.42       | ≤-18.45     | PASS    |
|           |         |         | 1000~26500      | 1.55           | -32.86       | ≤-18.45     | PASS    |
|           |         | 2452    | Reference       | 1.16           | 1.16         | ---         | PASS    |
|           |         |         | 30~1000         | 1.16           | -41.2        | ≤-18.84     | PASS    |
|           |         |         | 1000~26500      | 1.16           | -32.7        | ≤-18.84     | PASS    |

### 11B\_Ant1\_2412\_0-Reference



### 11B\_Ant1\_2412\_30-1000



### 11B\_Ant1\_2412\_1000-26500



11B Ant1 2437 0-Reference



11B Ant1 2437 30-1000



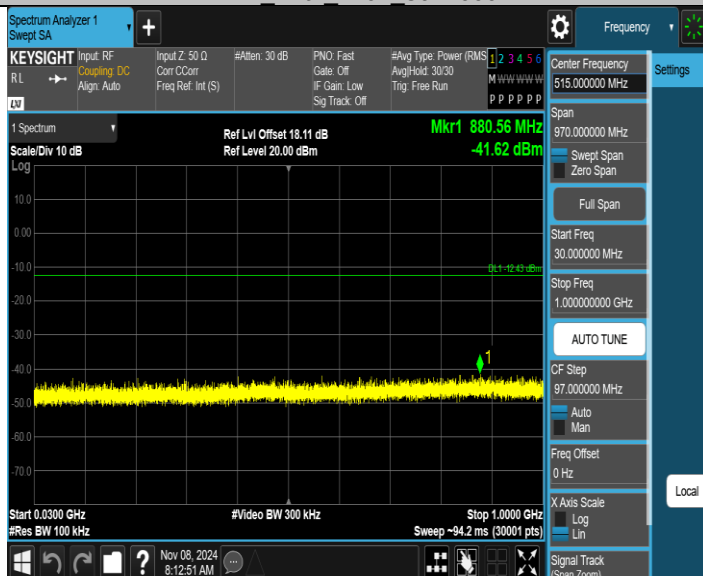
11B Ant1 2437 1000-26500



11B Ant1 2462 0-Reference



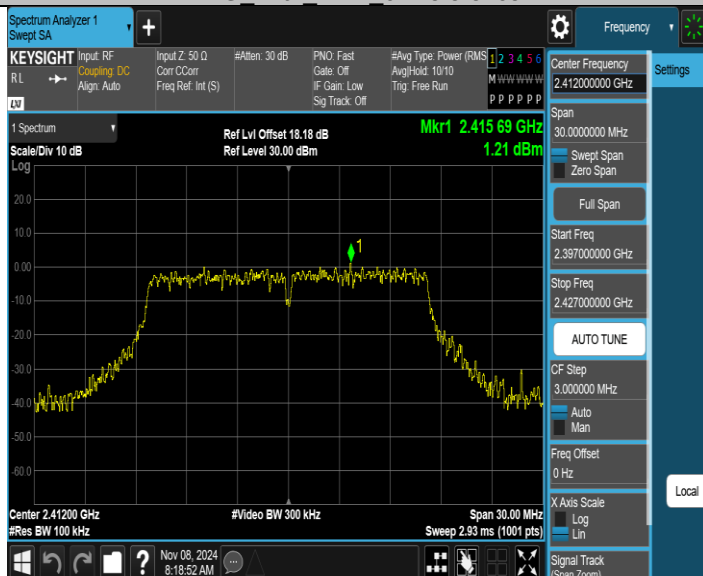
11B Ant1 2462 30-1000



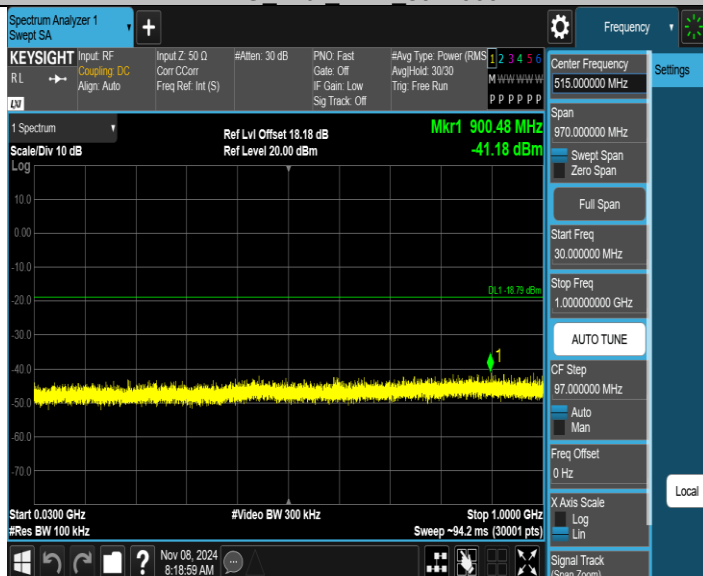
11B Ant1 2462 1000-26500



11G Ant1 2412 0~Reference



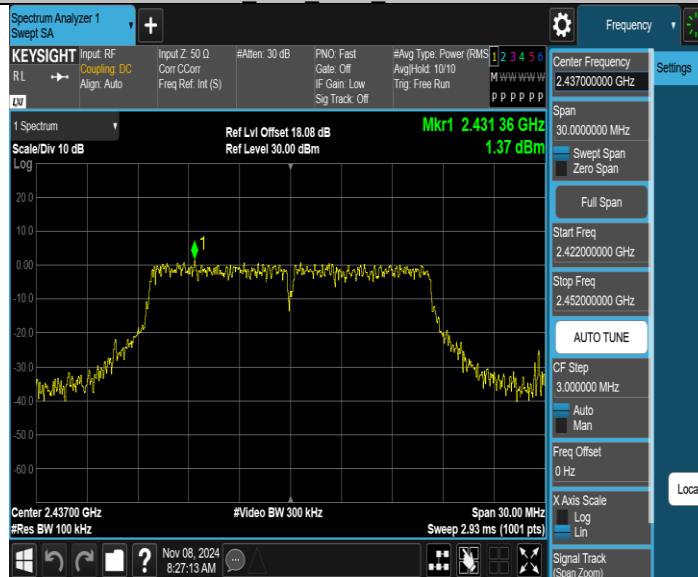
11G Ant1 2412 30~1000



11G Ant1 2412 1000~26500



11G Ant1 2437 0~Reference



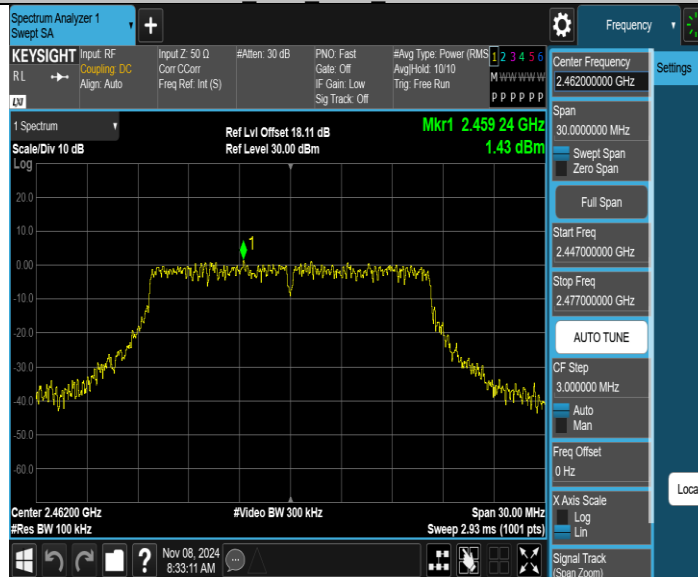
11G Ant1 2437 30~1000



11G Ant1 2437 1000~26500



11G Ant1 2462 0~Reference

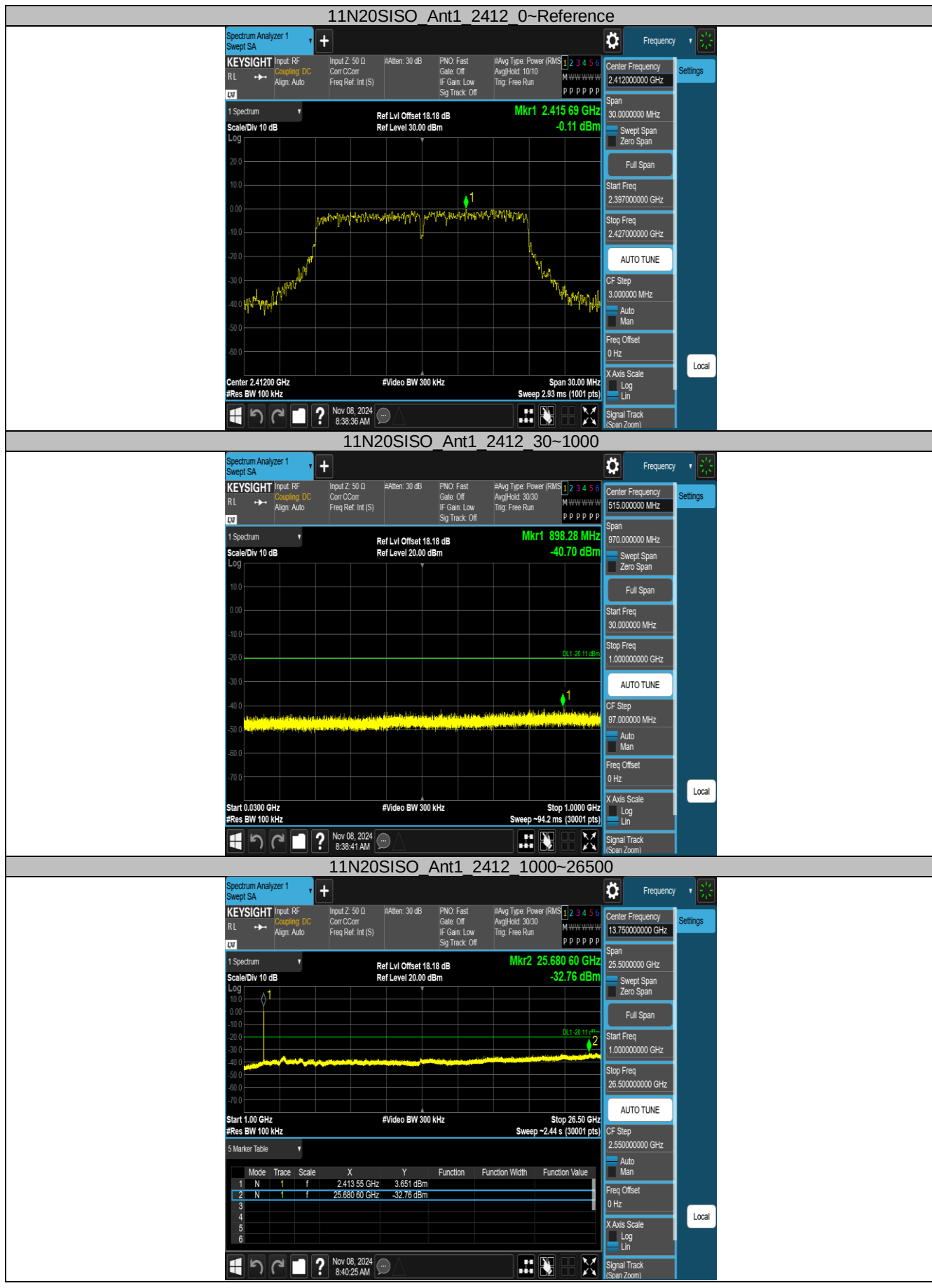


11G Ant1 2462 30~1000



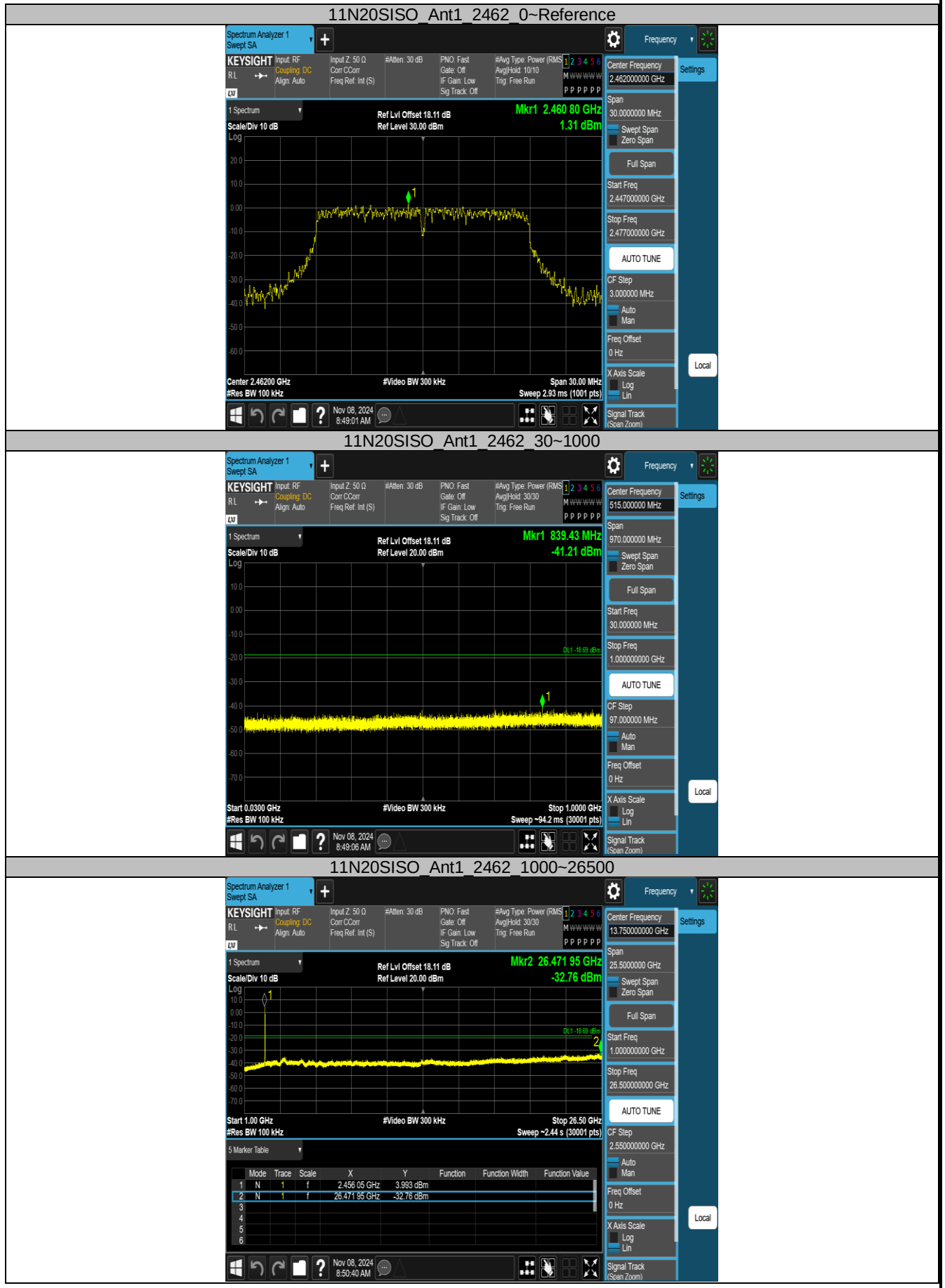
11G Ant1 2462 1000~26500

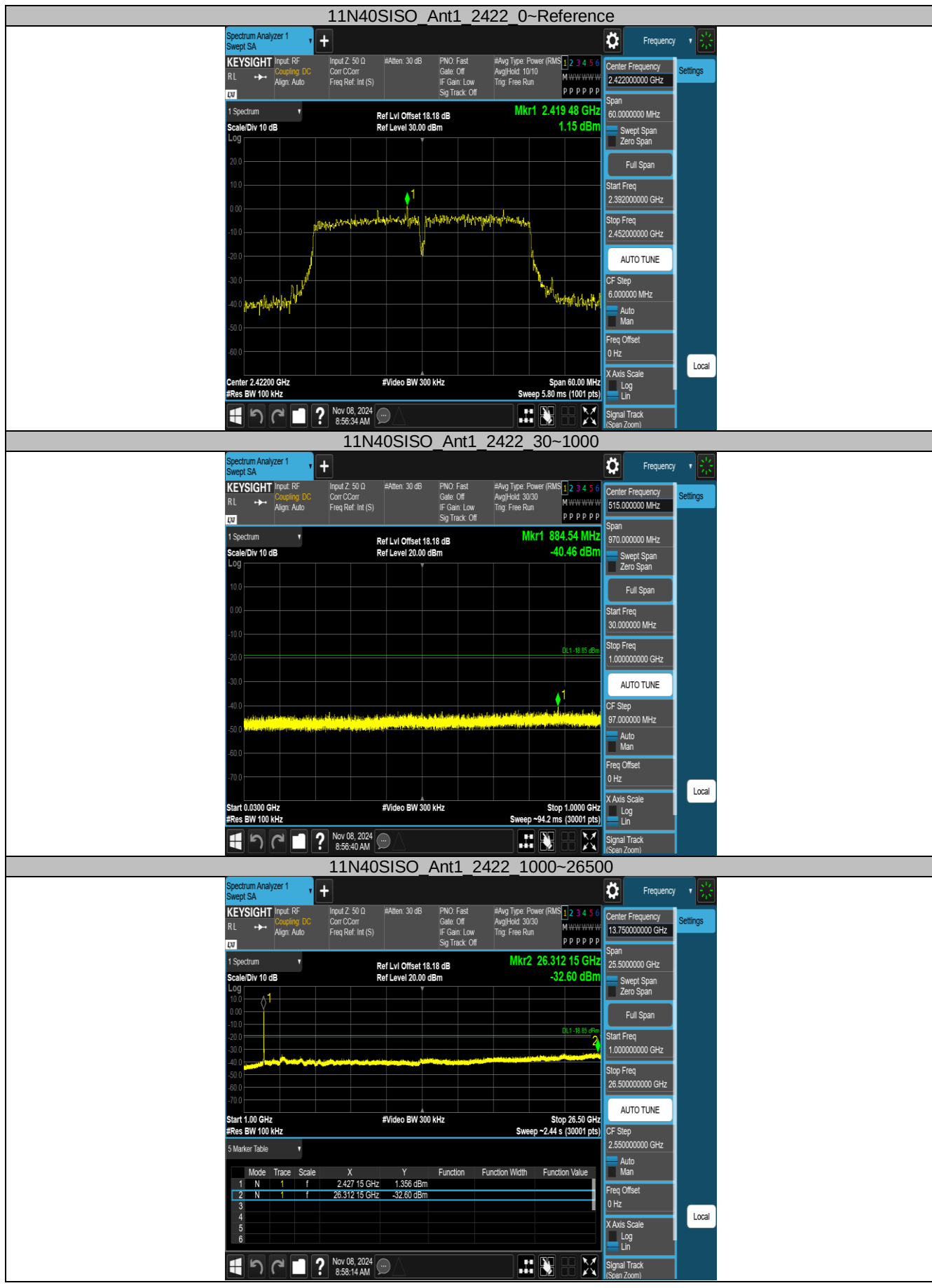


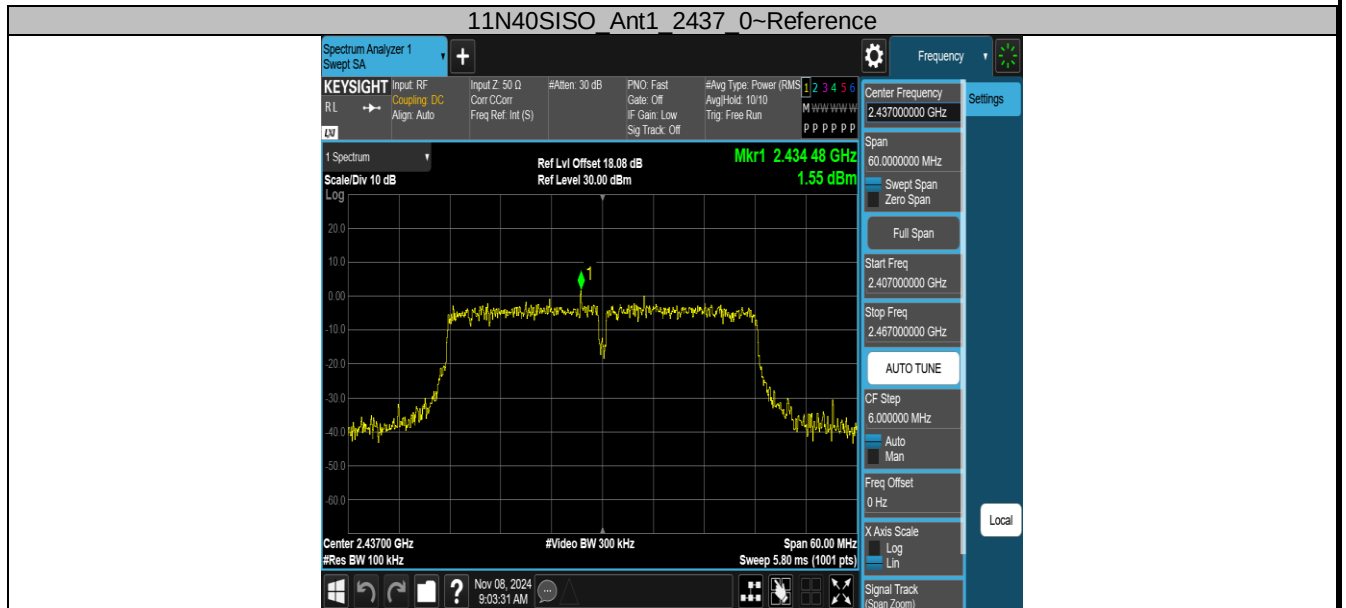


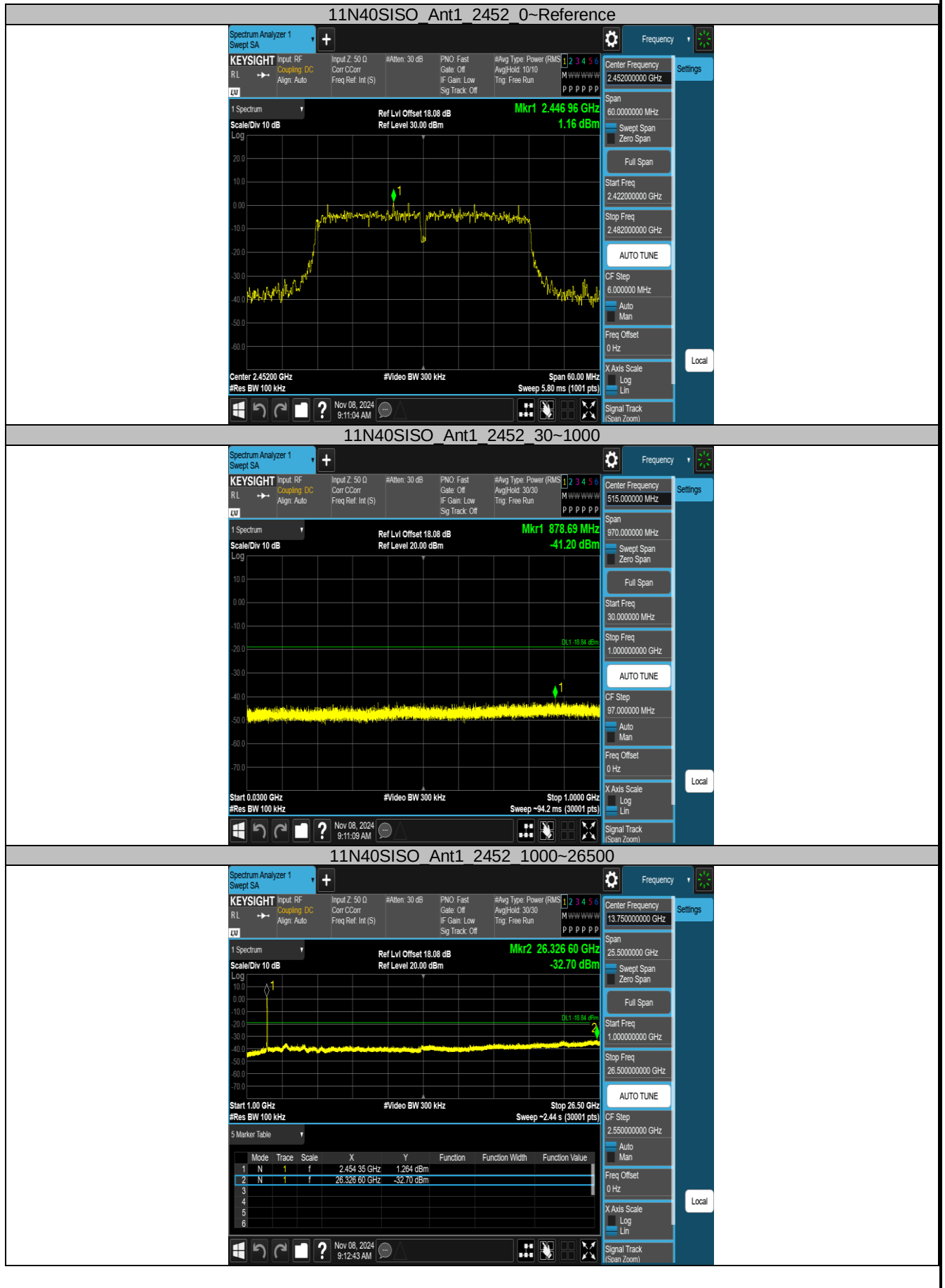












## Appendix A.5: Test Results of Radiated Spurious Emissions

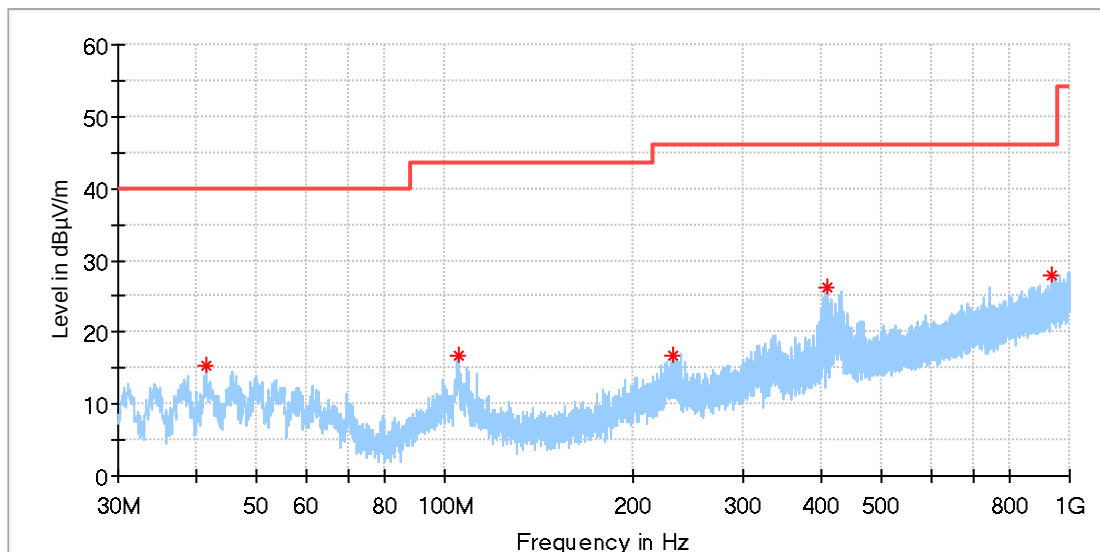
Note:

- 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 (Worst case)

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11b_Ch6        |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

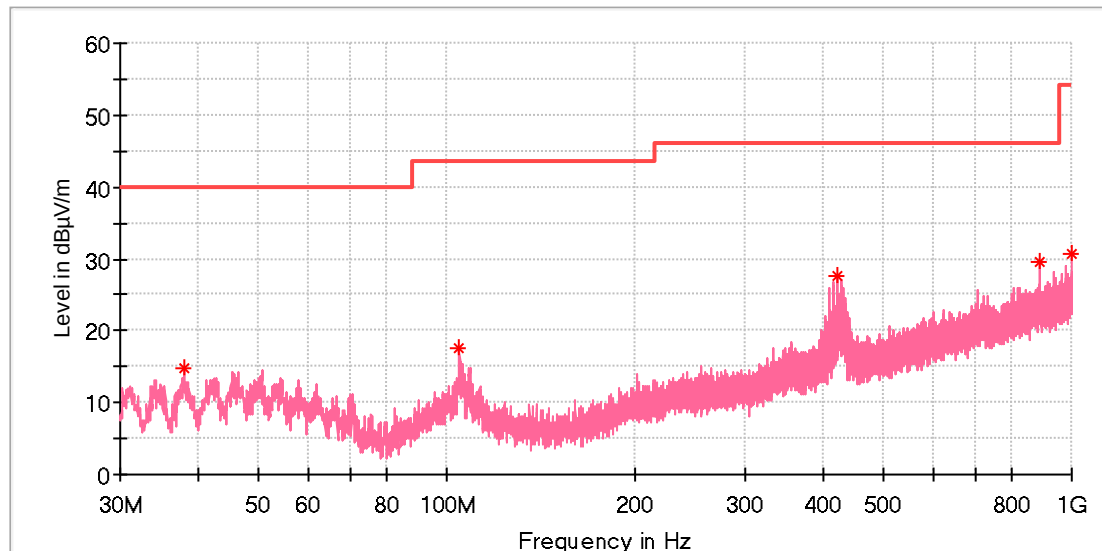
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 41.416154       | 15.34            | 40.00          | 24.66       | 100.0       | H   | 99.0          | -19.8        |
| 105.510769      | 16.77            | 43.50          | 26.73       | 100.0       | H   | 55.0          | -18.9        |
| 231.386923      | 16.63            | 46.00          | 29.37       | 100.0       | H   | 45.0          | -18.1        |
| 410.799615      | 26.22            | 46.00          | 19.78       | 100.0       | H   | 134.0         | -13.5        |
| 936.950000      | 28.01            | 46.00          | 17.99       | 100.0       | H   | 223.0         | -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:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11b_Ch6        |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 38.058462       | 14.76            | 40.00          | 25.24       | 100.0       | V   | 32.0          | -20.8        |
| 104.727308      | 17.48            | 43.50          | 26.02       | 100.0       | V   | 323.0         | -18.9        |
| 422.103846      | 27.73            | 46.00          | 18.27       | 100.0       | V   | 339.0         | -13.2        |
| 890.986923      | 29.71            | 46.00          | 16.29       | 100.0       | V   | 111.0         | -4.9         |
| 1000.000000     | 30.58            | 54.00          | 23.42       | 100.0       | V   | 236.0         | -3.4         |

## Final Result

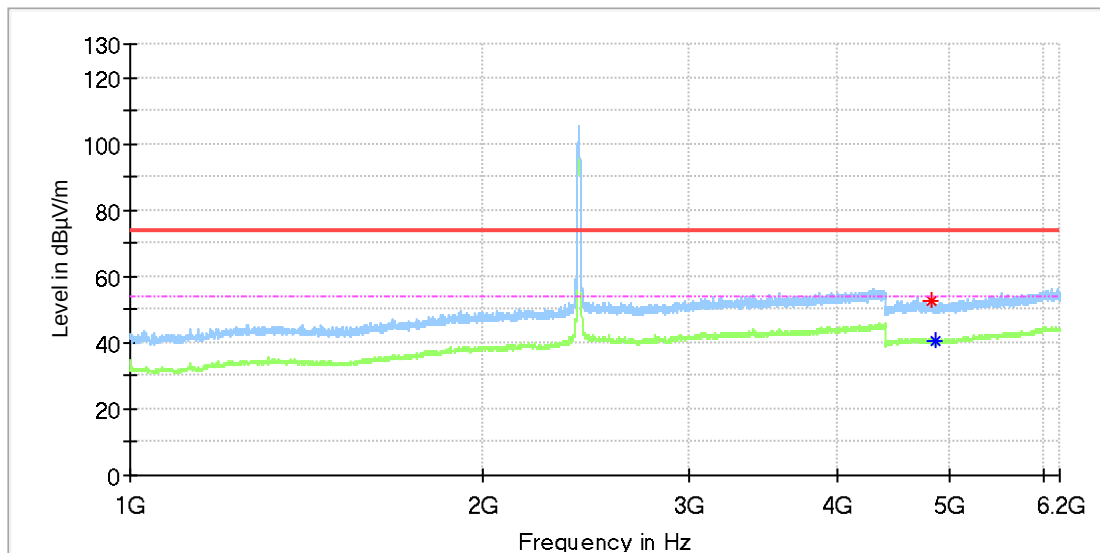
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---          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

## 1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4821.500000     | 52.55            | ---              | 74.00          | 21.45       | 150.0       | H   | 285.0         | 13.3         |
| 4850.000000     | ---              | 40.76            | 54.00          | 13.24       | 150.0       | H   | 315.0         | 13.3         |

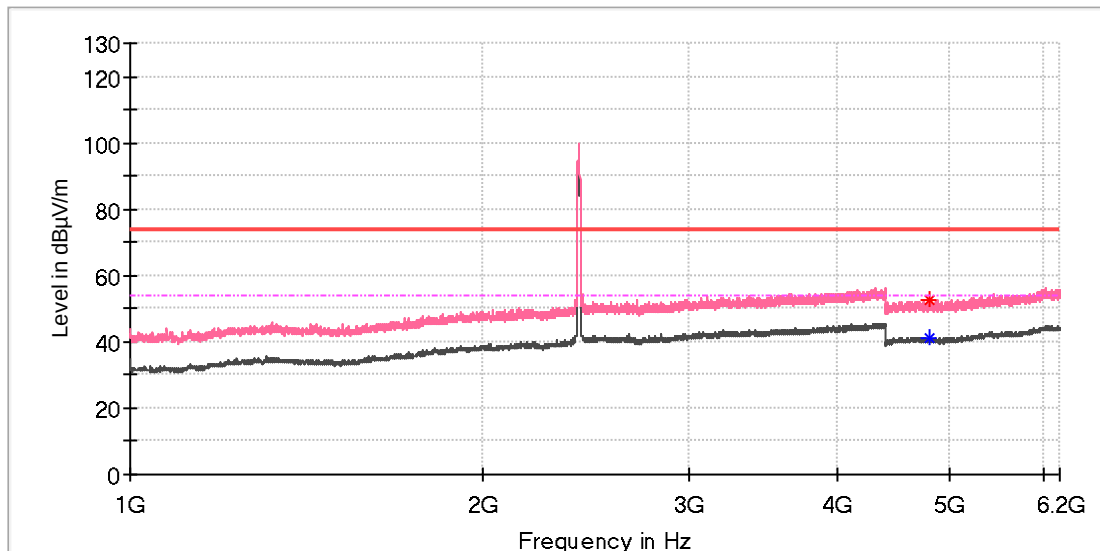
## Final Result

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



## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch1  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

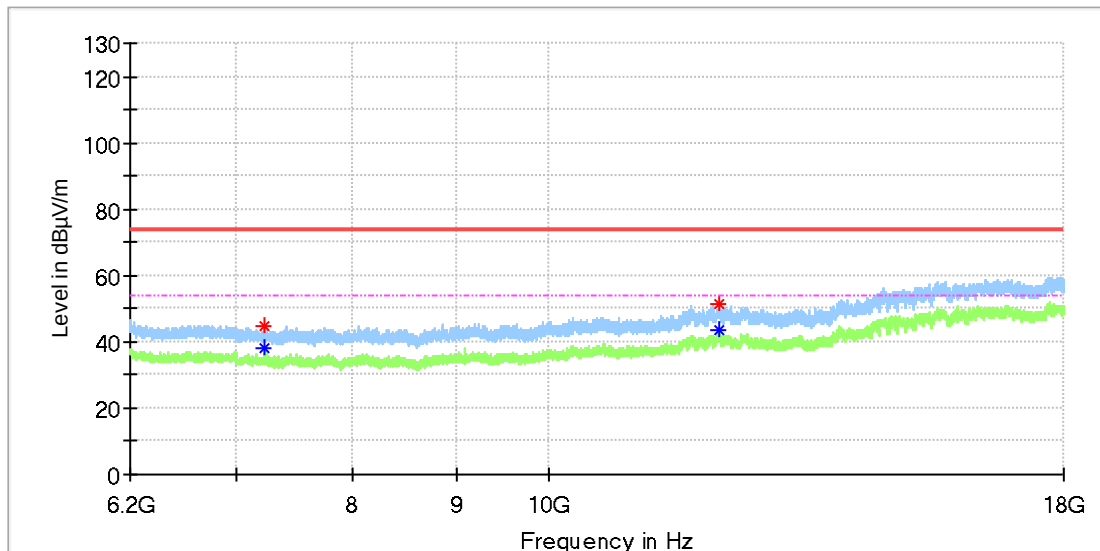
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4807.500000     | 52.46            | ---              | 74.00          | 21.54       | 150.0       | V   | 261.0         | 13.3         |
| 4810.000000     | ---              | 41.02            | 54.00          | 12.98       | 150.0       | V   | 273.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch1  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

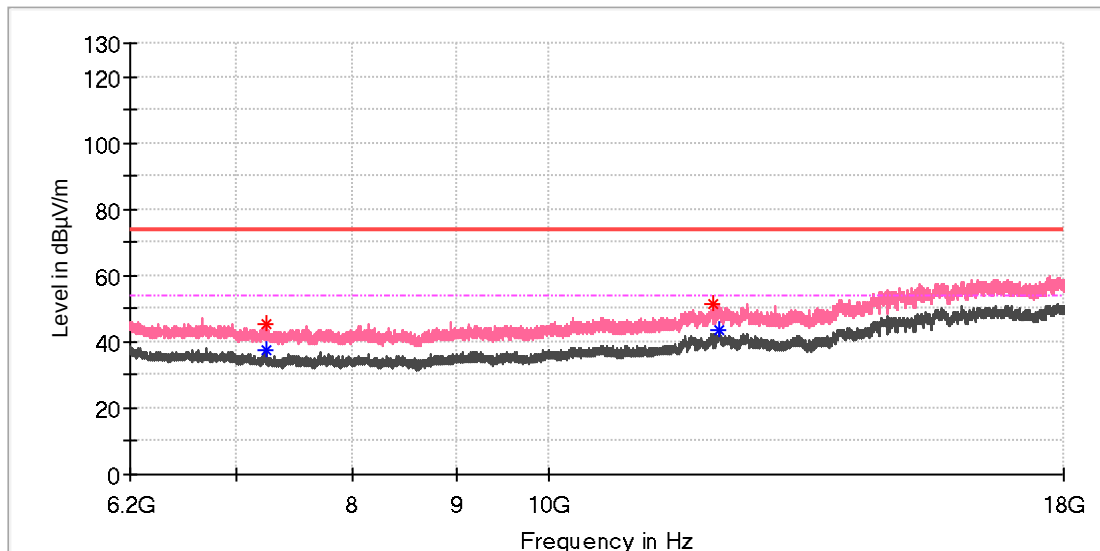
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7234.958333     | 45.03            | ---              | 74.00          | 28.97       | 150.0       | H   | 324.0         | 8.6          |
| 7234.958333     | ---              | 38.29            | 54.00          | 15.71       | 150.0       | H   | 324.0         | 8.6          |
| 12149.166667    | ---              | 43.48            | 54.00          | 10.52       | 150.0       | H   | 169.0         | 16.7         |
| 12150.641667    | 51.50            | ---              | 74.00          | 22.50       | 150.0       | H   | 301.0         | 16.7         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch1  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

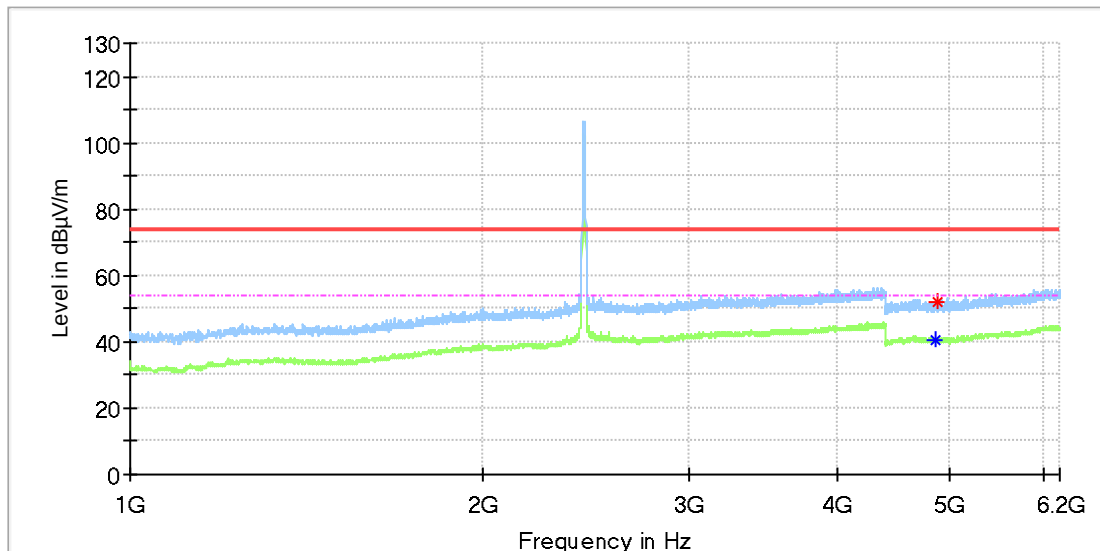
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7236.433333     | 45.05            | ---              | 74.00          | 28.95       | 150.0       | V   | 53.0          | 8.6          |
| 7236.433333     | ---              | 37.58            | 54.00          | 16.42       | 150.0       | V   | 53.0          | 8.6          |
| 12049.850000    | 51.50            | ---              | 74.00          | 22.50       | 150.0       | V   | 212.0         | 16.4         |
| 12153.591667    | ---              | 43.56            | 54.00          | 10.44       | 150.0       | V   | 1.0           | 16.5         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

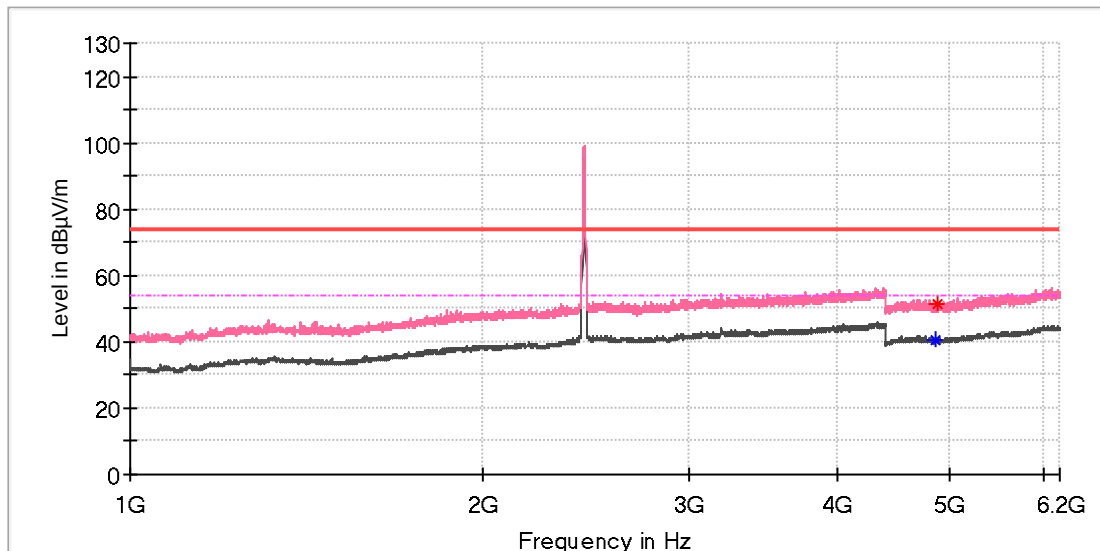
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4861.500000     | ---              | 40.81            | 54.00          | 13.19       | 150.0       | H   | 53.0          | 13.3         |
| 4874.000000     | 51.77            | ---              | 74.00          | 22.23       | 150.0       | H   | 274.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

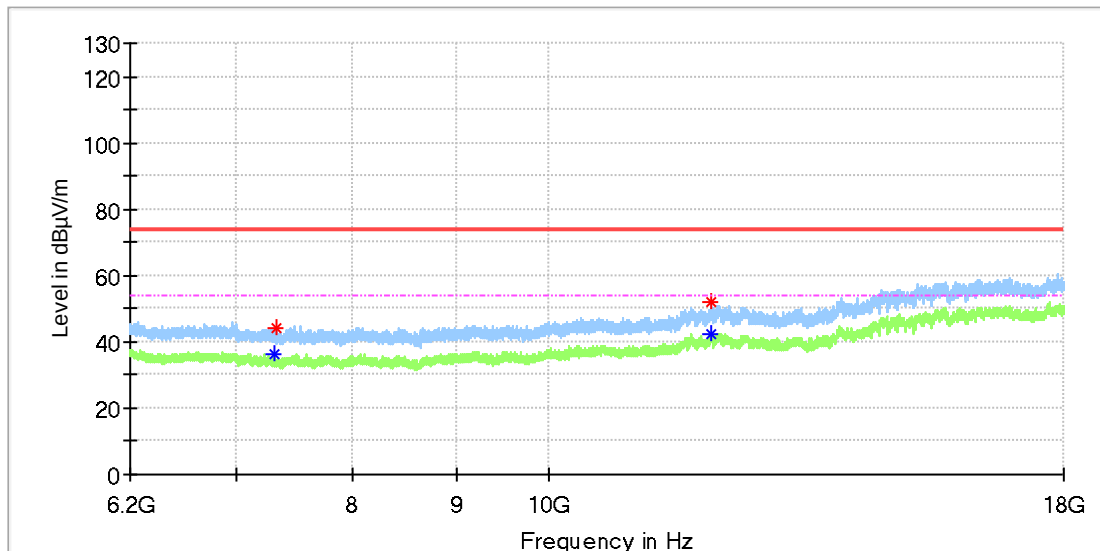
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4862.500000     | ---              | 40.75            | 54.00          | 13.25       | 150.0       | V   | 338.0         | 13.3         |
| 4874.000000     | 51.55            | ---              | 74.00          | 22.45       | 150.0       | V   | 345.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

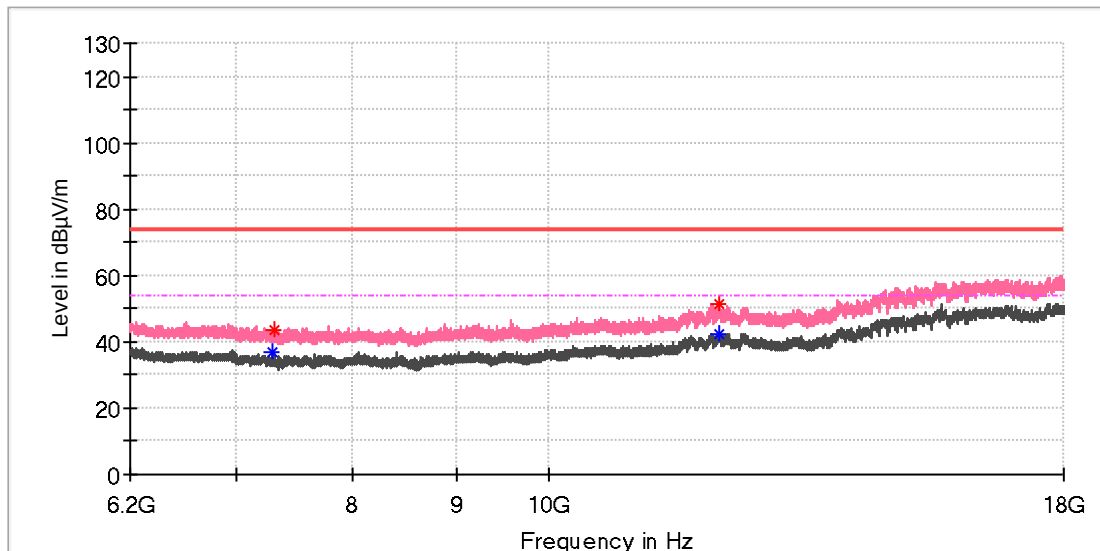
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7312.150000     | ---              | 36.31            | 54.00          | 17.69       | 150.0       | H   | 326.0         | 8.2          |
| 7332.308333     | 43.96            | ---              | 74.00          | 30.04       | 150.0       | H   | 44.0          | 8.1          |
| 12035.100000    | ---              | 42.49            | 54.00          | 11.51       | 150.0       | H   | 22.0          | 16.1         |
| 12045.425000    | 51.75            | ---              | 74.00          | 22.25       | 150.0       | H   | 22.0          | 16.3         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

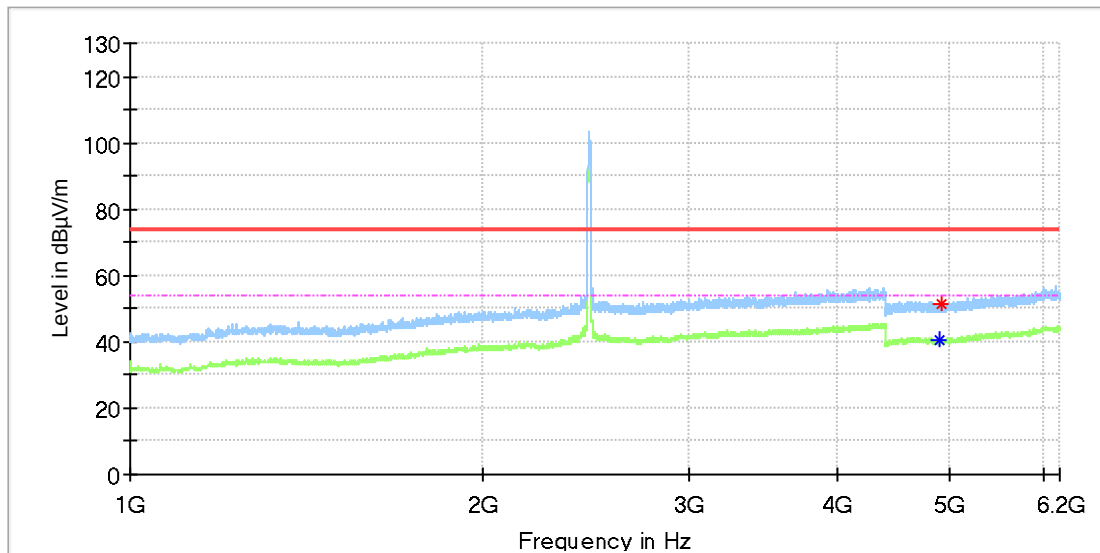
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7287.566667     | ---              | 37.08            | 54.00          | 16.92       | 150.0       | V   | 0.0           | 8.4          |
| 7312.641667     | 43.55            | ---              | 74.00          | 30.45       | 150.0       | V   | 19.0          | 8.2          |
| 12144.741667    | ---              | 42.21            | 54.00          | 11.79       | 150.0       | V   | 168.0         | 16.6         |
| 12149.166667    | 51.24            | ---              | 74.00          | 22.76       | 150.0       | V   | 328.0         | 16.7         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4901.000000     | ---              | 40.65            | 54.00          | 13.35       | 150.0       | H   | 156.0         | 13.3         |
| 4924.000000     | 51.55            | ---              | 74.00          | 22.45       | 150.0       | H   | 312.0         | 13.3         |

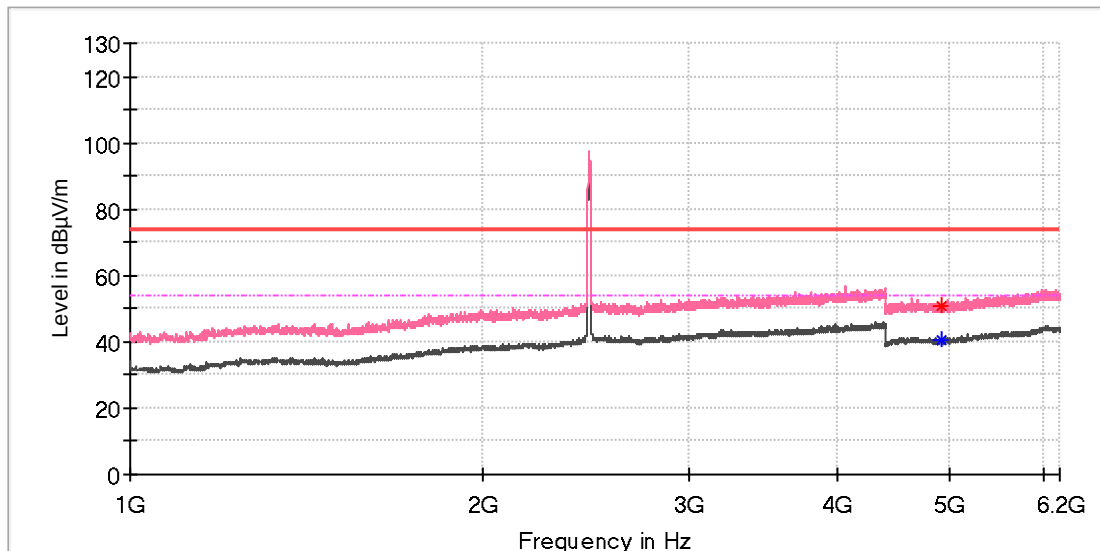
## Final Result

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



## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

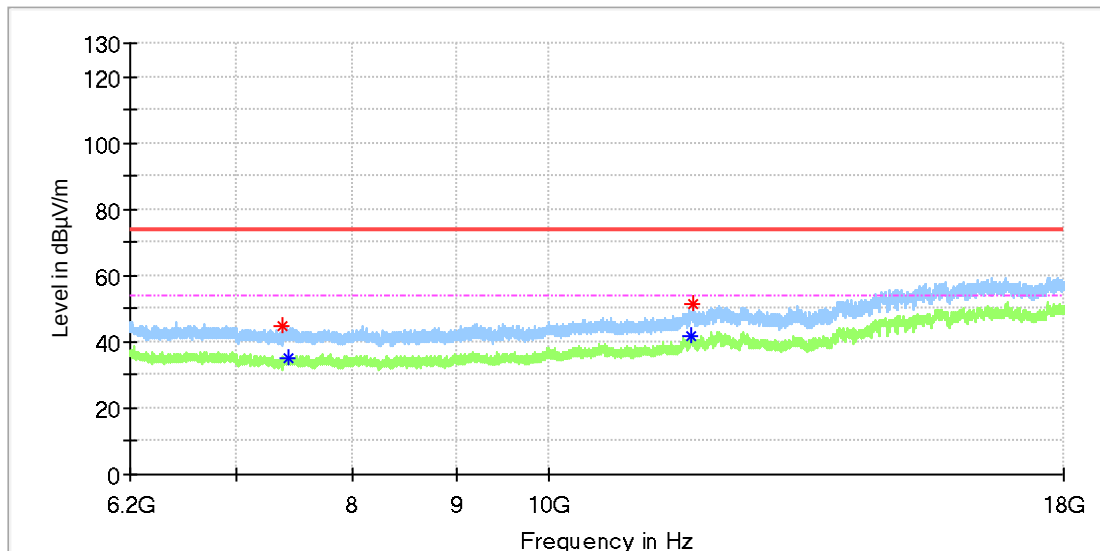
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4915.000000     | 50.98            | ---              | 74.00          | 23.02       | 150.0       | V   | 263.0         | 13.3         |
| 4924.500000     | ---              | 40.66            | 54.00          | 13.34       | 150.0       | V   | 351.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

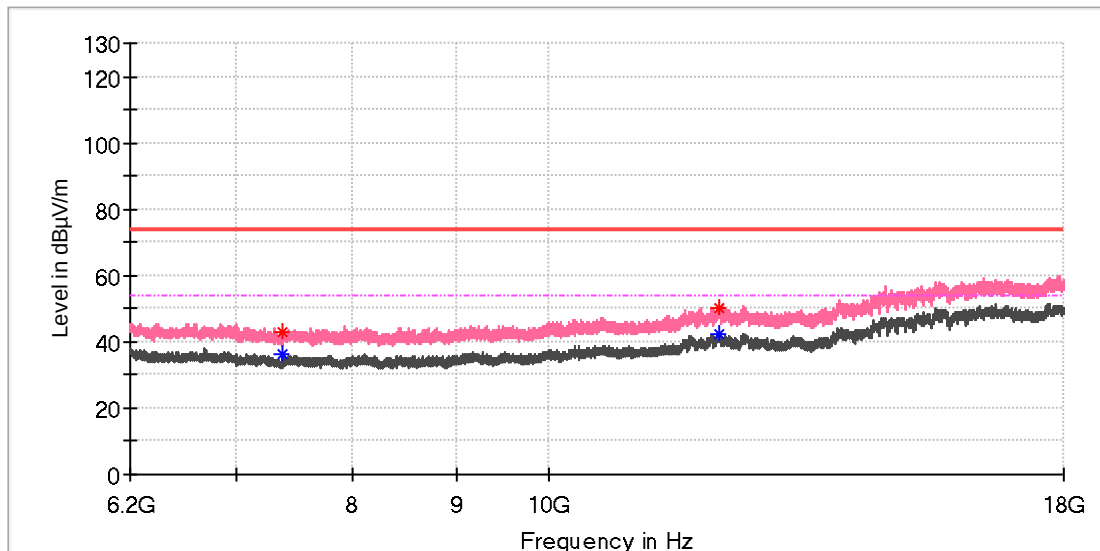
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7385.408333     | 45.03            | ---              | 74.00          | 28.97       | 150.0       | H   | 344.0         | 8.2          |
| 7423.266667     | ---              | 35.24            | 54.00          | 18.76       | 150.0       | H   | 0.0           | 8.4          |
| 11760.258333    | ---              | 41.97            | 54.00          | 12.03       | 150.0       | H   | 0.0           | 15.4         |
| 11777.466667    | 51.10            | ---              | 74.00          | 22.90       | 150.0       | H   | 73.0          | 15.1         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

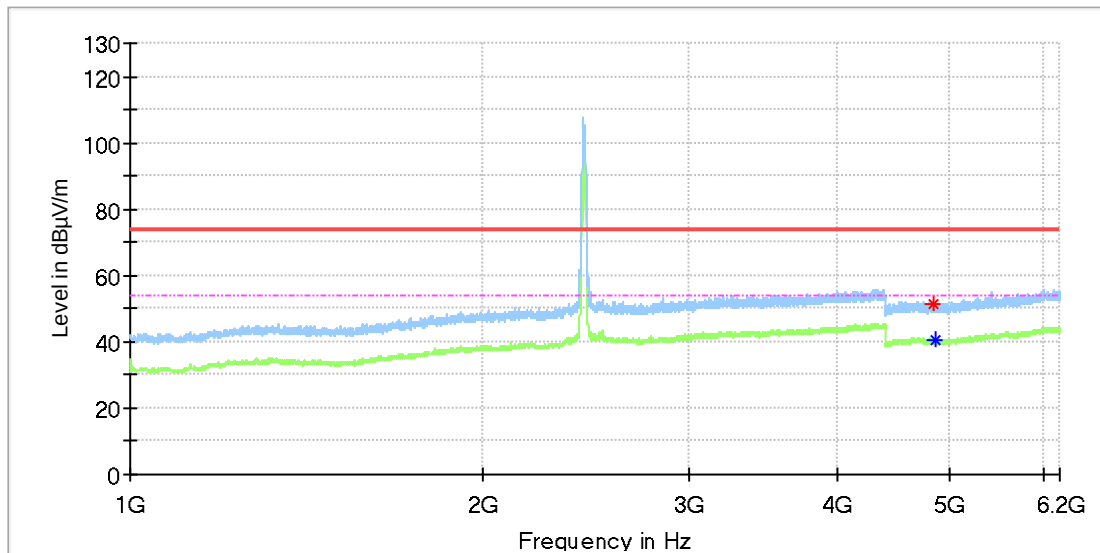
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7383.933333     | ---              | 36.13            | 54.00          | 17.87       | 150.0       | V   | 58.0          | 8.2          |
| 7385.408333     | 43.18            | ---              | 74.00          | 30.82       | 150.0       | V   | 322.0         | 8.2          |
| 12148.183333    | 50.33            | ---              | 74.00          | 23.67       | 150.0       | V   | 333.0         | 16.7         |
| 12152.116667    | ---              | 42.49            | 54.00          | 11.51       | 150.0       | V   | 0.0           | 16.6         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11g\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

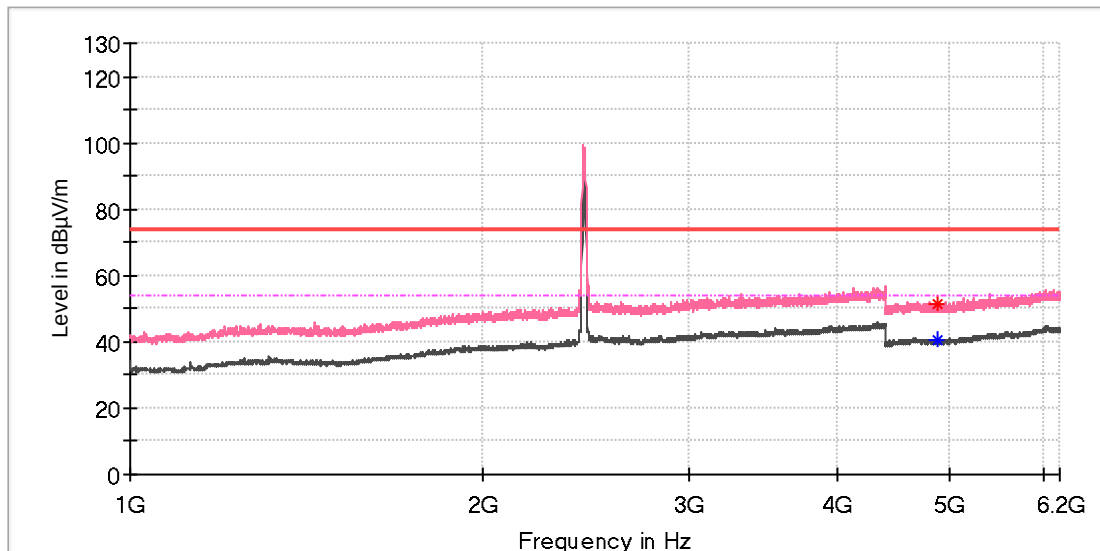
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4844.500000     | 51.17            | ---              | 74.00          | 22.83       | 150.0       | H   | 211.0         | 13.3         |
| 4852.500000     | ---              | 40.47            | 54.00          | 13.53       | 150.0       | H   | 291.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11g\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

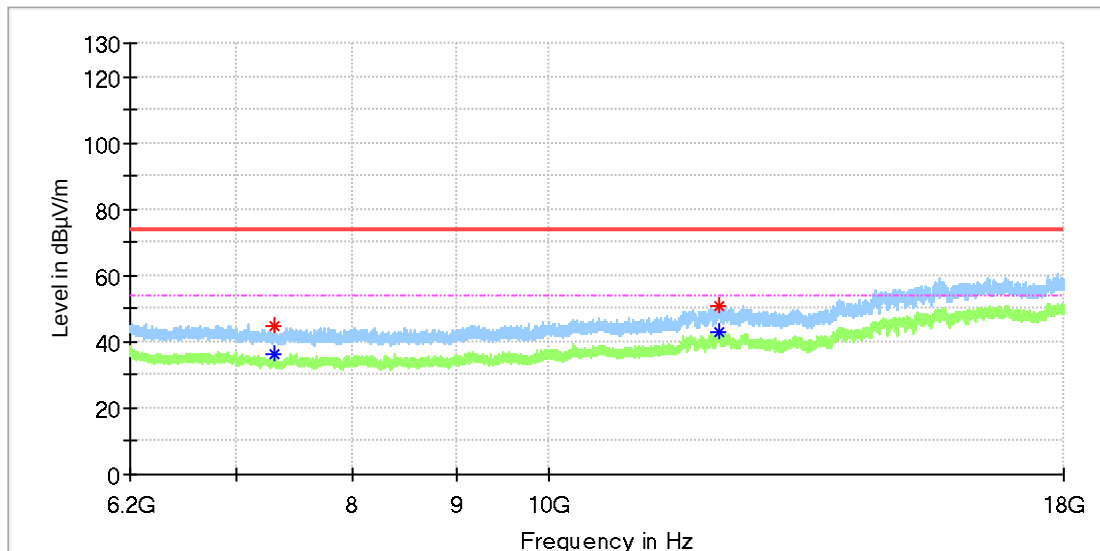
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4872.000000     | ---              | 40.35            | 54.00          | 13.65       | 150.0       | V   | 315.0         | 13.3         |
| 4883.500000     | 51.68            | ---              | 74.00          | 22.32       | 150.0       | V   | 328.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11g\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

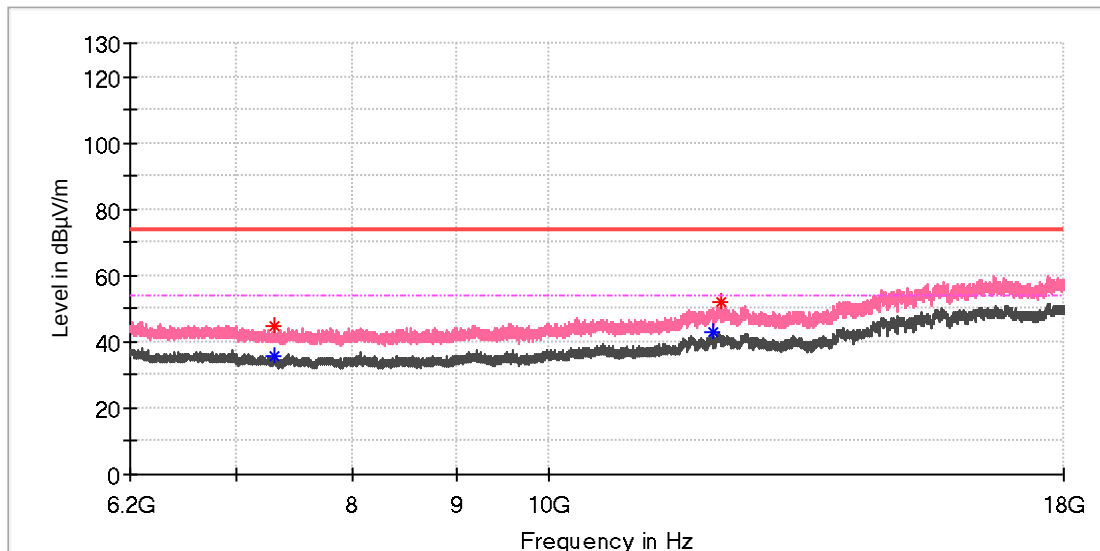
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7308.216667     | 45.01            | ---              | 74.00          | 28.99       | 150.0       | H   | 324.0         | 8.3          |
| 7308.216667     | ---              | 36.01            | 54.00          | 17.99       | 150.0       | H   | 324.0         | 8.3          |
| 12134.908333    | ---              | 42.75            | 54.00          | 11.25       | 150.0       | H   | 0.0           | 16.3         |
| 12146.216667    | 50.59            | ---              | 74.00          | 23.41       | 150.0       | H   | 356.0         | 16.6         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11g\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

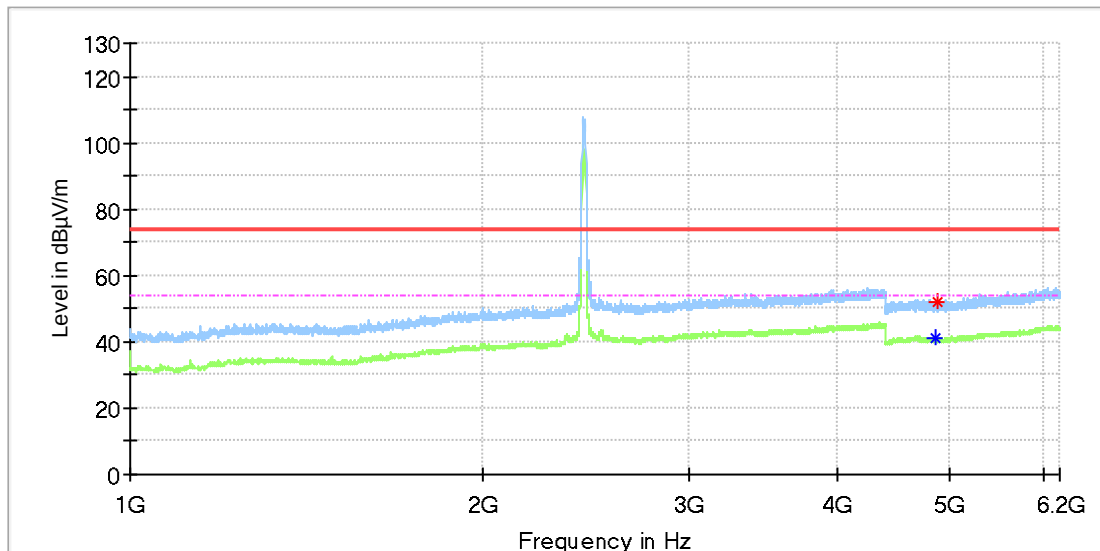
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7308.216667     | 44.57            | ---              | 74.00          | 29.44       | 150.0       | V   | 29.0          | 8.3          |
| 7312.150000     | ---              | 35.75            | 54.00          | 18.25       | 150.0       | V   | 17.0          | 8.2          |
| 12051.816667    | ---              | 42.74            | 54.00          | 11.26       | 150.0       | V   | 1.0           | 16.2         |
| 12162.441667    | 51.85            | ---              | 74.00          | 22.15       | 150.0       | V   | 84.0          | 16.1         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n20\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4858.500000     | ---              | 41.33            | 54.00          | 12.67       | 150.0       | H   | 183.0         | 13.3         |
| 4877.000000     | 51.80            | ---              | 74.00          | 22.20       | 150.0       | H   | 306.0         | 13.3         |

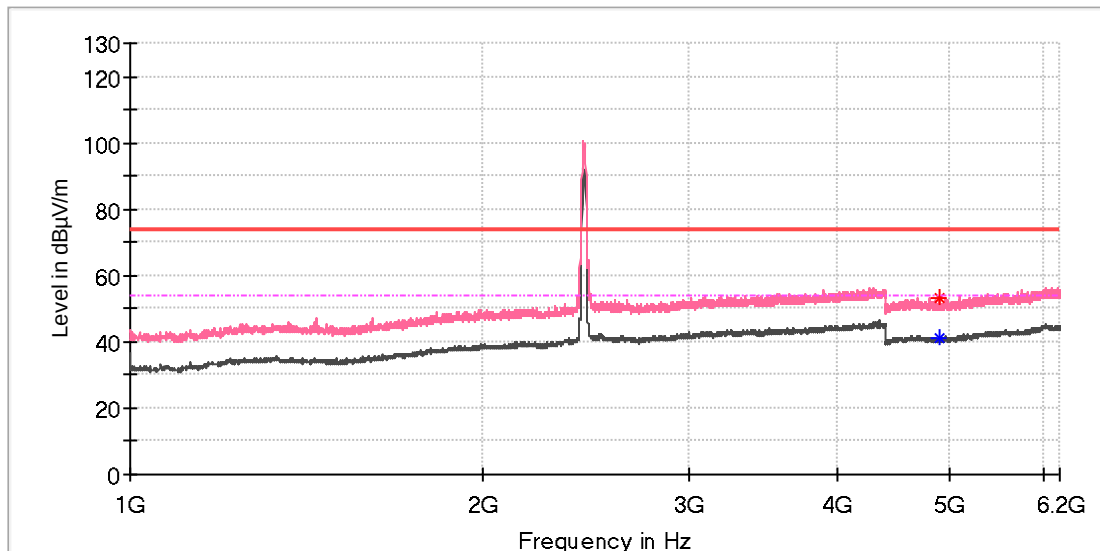
## Final Result

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



## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n20\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

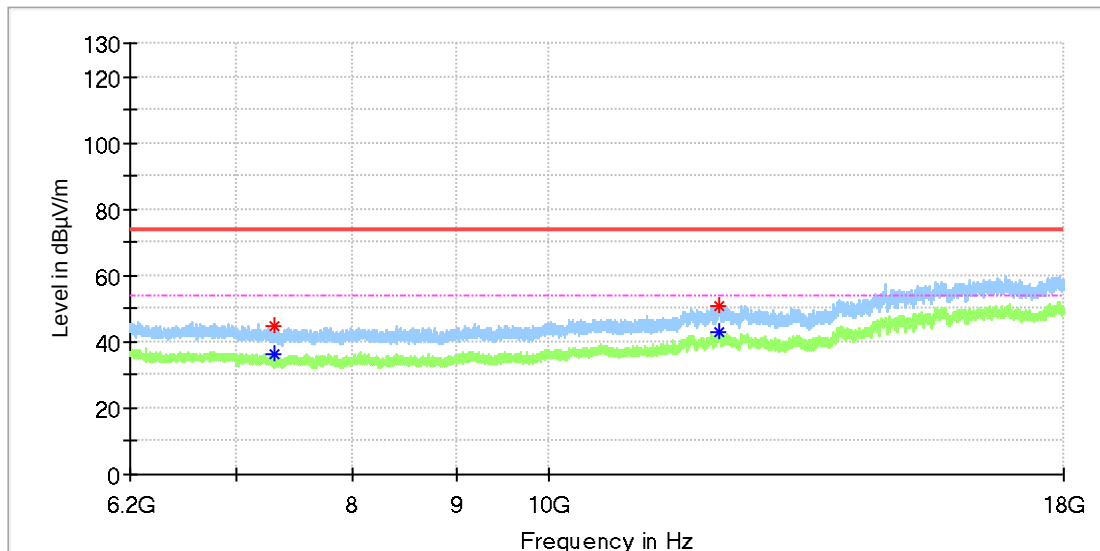
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4902.500000     | ---              | 41.30            | 54.00          | 12.70       | 150.0       | V   | 94.0          | 13.3         |
| 4903.000000     | 52.99            | ---              | 74.00          | 21.01       | 150.0       | V   | 151.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n20\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

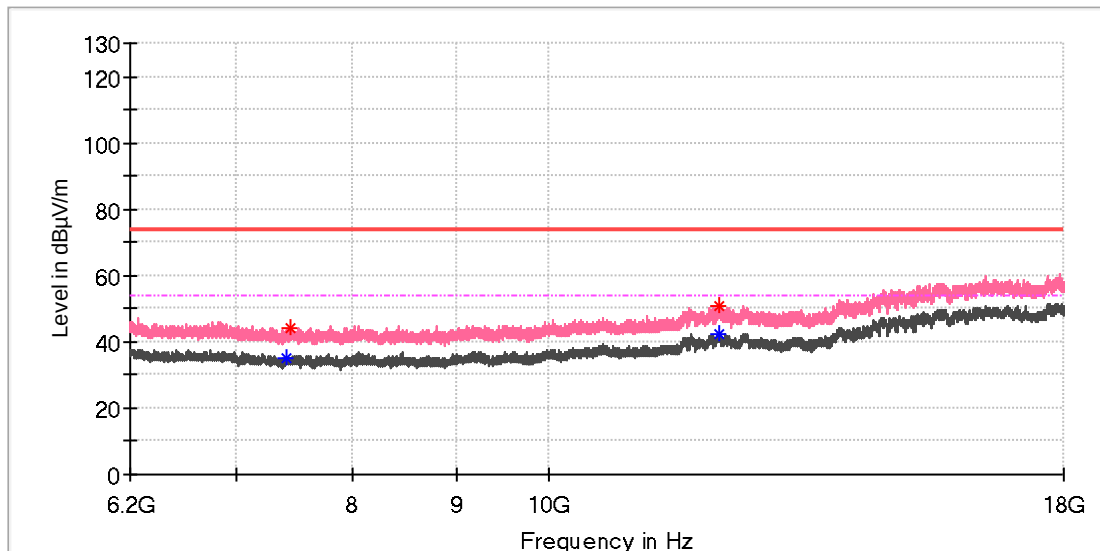
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7304.775000     | ---              | 36.16            | 54.00          | 17.84       | 150.0       | H   | 0.0           | 8.3          |
| 7306.250000     | 44.65            | ---              | 74.00          | 29.35       | 150.0       | H   | 258.0         | 8.3          |
| 12146.708333    | ---              | 43.11            | 54.00          | 10.89       | 150.0       | H   | 209.0         | 16.6         |
| 12154.083333    | 50.96            | ---              | 74.00          | 23.04       | 150.0       | H   | 5.0           | 16.5         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n20\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

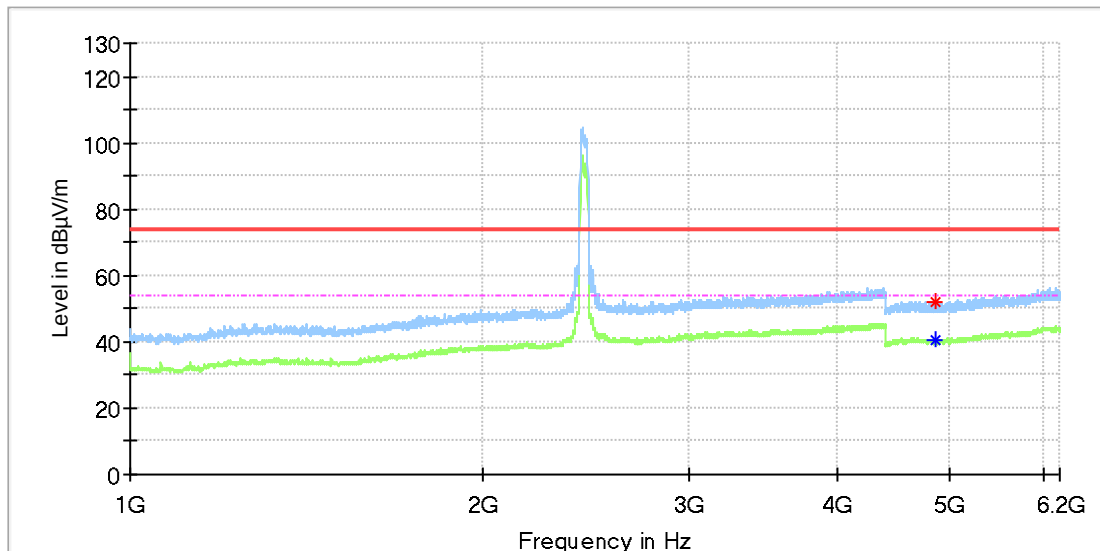
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7412.941667     | ---              | 35.37            | 54.00          | 18.63       | 150.0       | V   | 120.0         | 8.3          |
| 7437.033333     | 43.91            | ---              | 74.00          | 30.09       | 150.0       | V   | 333.0         | 8.4          |
| 12144.741667    | 50.70            | ---              | 74.00          | 23.30       | 150.0       | V   | 120.0         | 16.6         |
| 12146.216667    | ---              | 42.61            | 54.00          | 11.39       | 150.0       | V   | 0.0           | 16.6         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n40\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

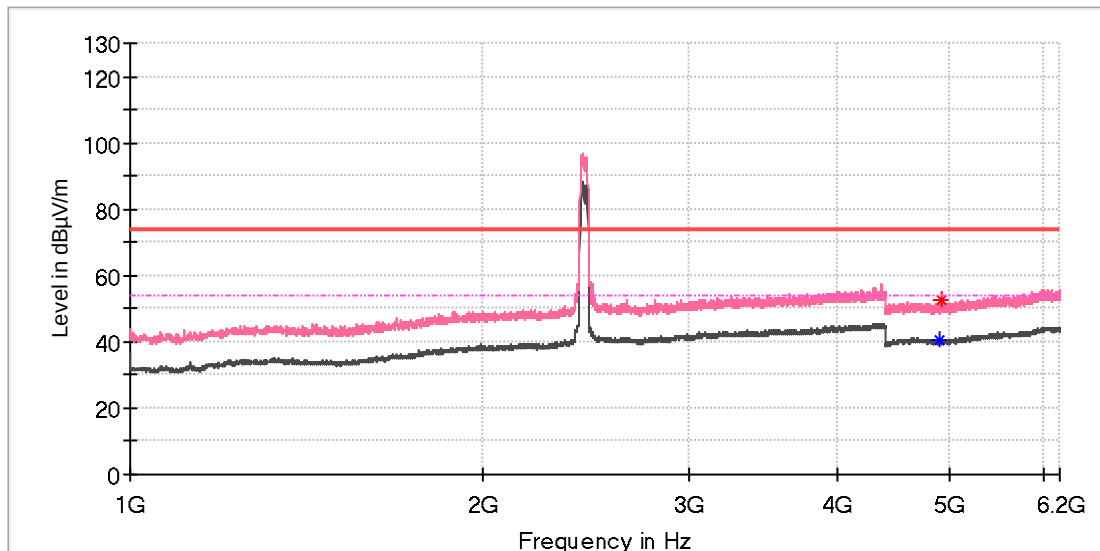
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4860.500000     | ---              | 40.53            | 54.00          | 13.47       | 150.0       | H   | 159.0         | 13.3         |
| 4867.500000     | 51.89            | ---              | 74.00          | 22.11       | 150.0       | H   | 236.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n40\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

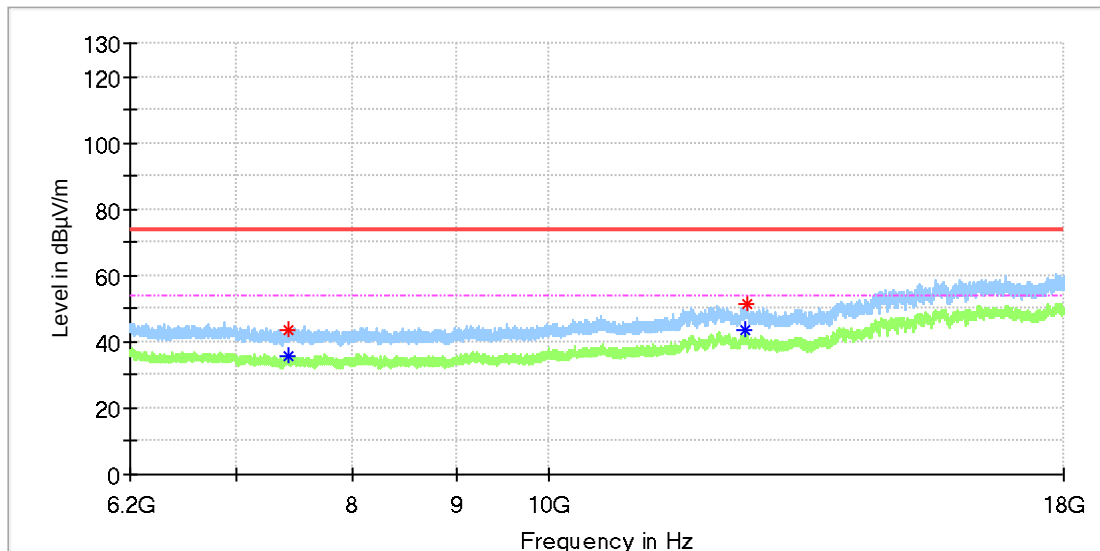
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4905.000000     | ---              | 40.74            | 54.00          | 13.26       | 150.0       | V   | 268.0         | 13.3         |
| 4914.000000     | 52.64            | ---              | 74.00          | 21.36       | 150.0       | V   | 168.0         | 13.3         |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n40\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

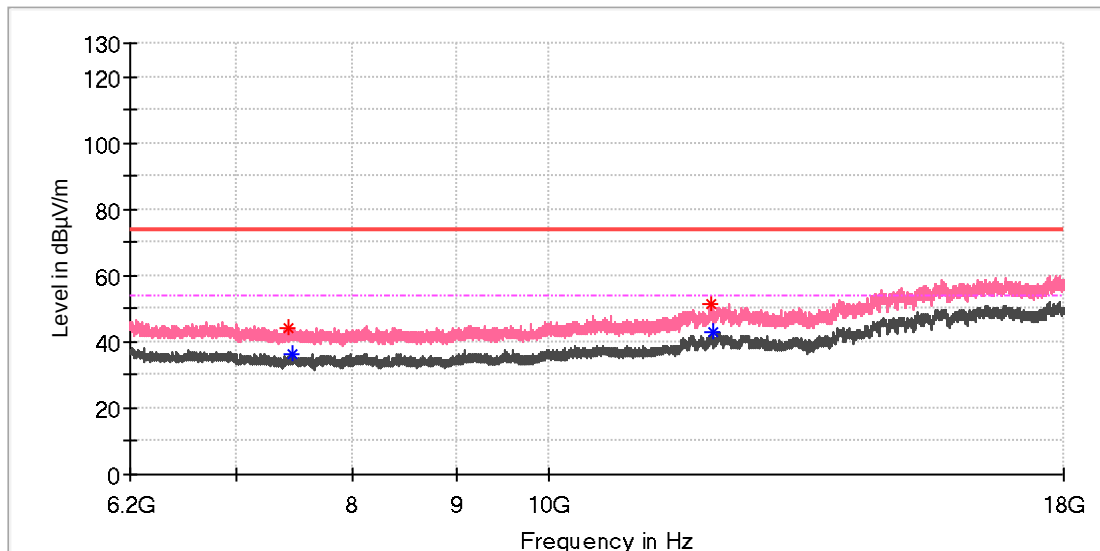
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7425.233333     | 43.71            | ---              | 74.00          | 30.29       | 150.0       | H   | 324.0         | 8.4          |
| 7431.625000     | ---              | 35.75            | 54.00          | 18.25       | 150.0       | H   | 204.0         | 8.4          |
| 12511.033333    | ---              | 43.38            | 54.00          | 10.62       | 150.0       | H   | 355.0         | 16.1         |
| 12546.925000    | 51.17            | ---              | 74.00          | 22.83       | 150.0       | H   | 123.0         | 16.5         |

## Final\_Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n40\_Ch6  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7436.050000     | 43.86            | ---              | 74.00          | 30.14       | 150.0       | V   | 227.0         | 8.4          |
| 7456.208333     | ---              | 36.17            | 54.00          | 17.83       | 150.0       | V   | 89.0          | 8.5          |
| 12033.625000    | 51.44            | ---              | 74.00          | 22.56       | 150.0       | V   | 79.0          | 16.0         |
| 12054.766667    | ---              | 43.03            | 54.00          | 10.97       | 150.0       | V   | 0.0           | 15.9         |

## Final\_Result

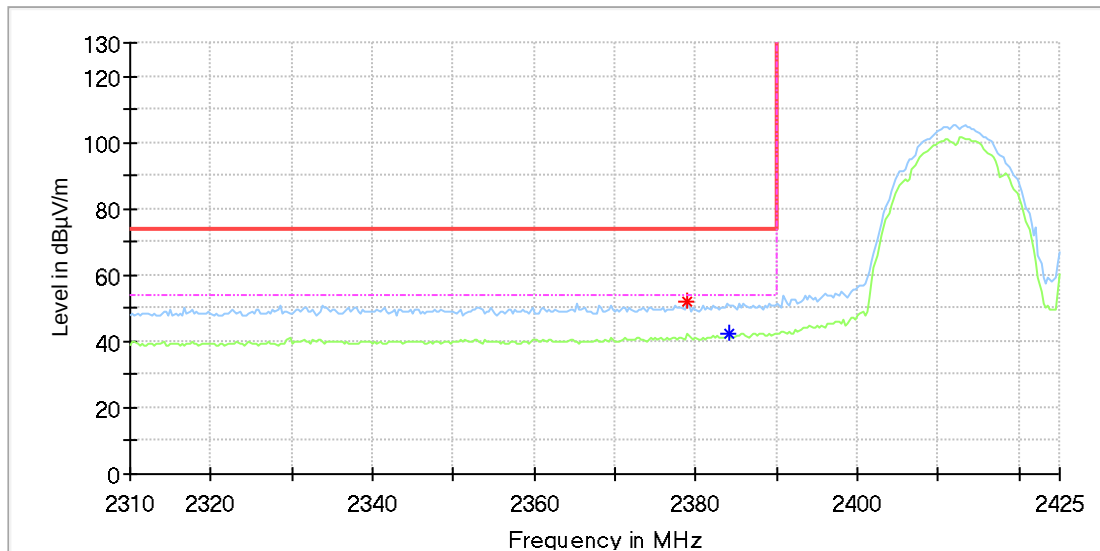
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---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

## Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

### Wi-Fi 802.11 b mode

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| 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     | 51.72            | ---              | 74.00          | 22.28       | 150.0       | H   | 233.0         | 8.5          |
| 2384.117647     | ---              | 42.48            | 54.00          | 11.52       | 150.0       | H   | 202.0         | 8.5          |

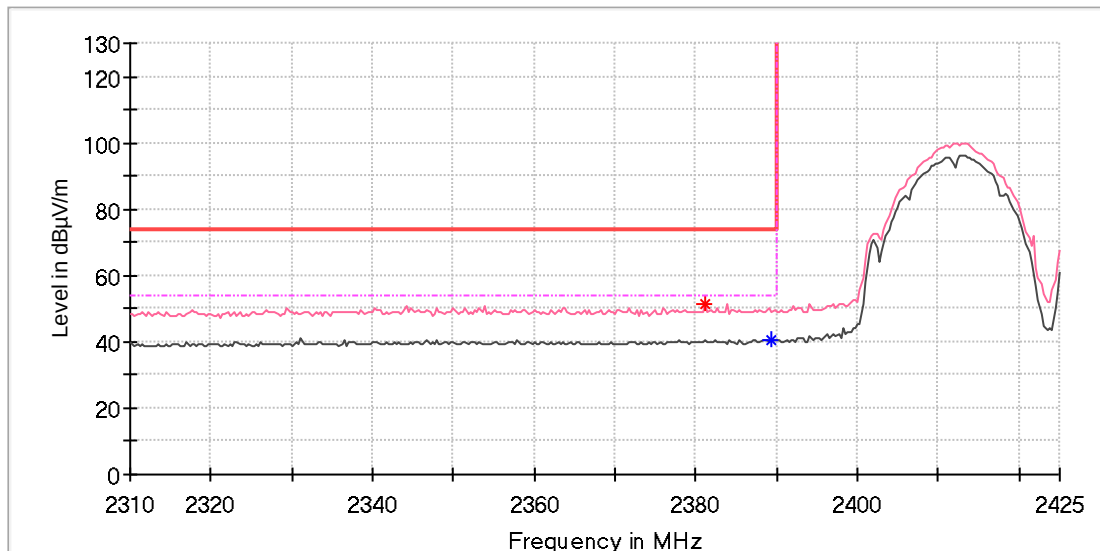
### Final Result

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



## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11b\_Ch1  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

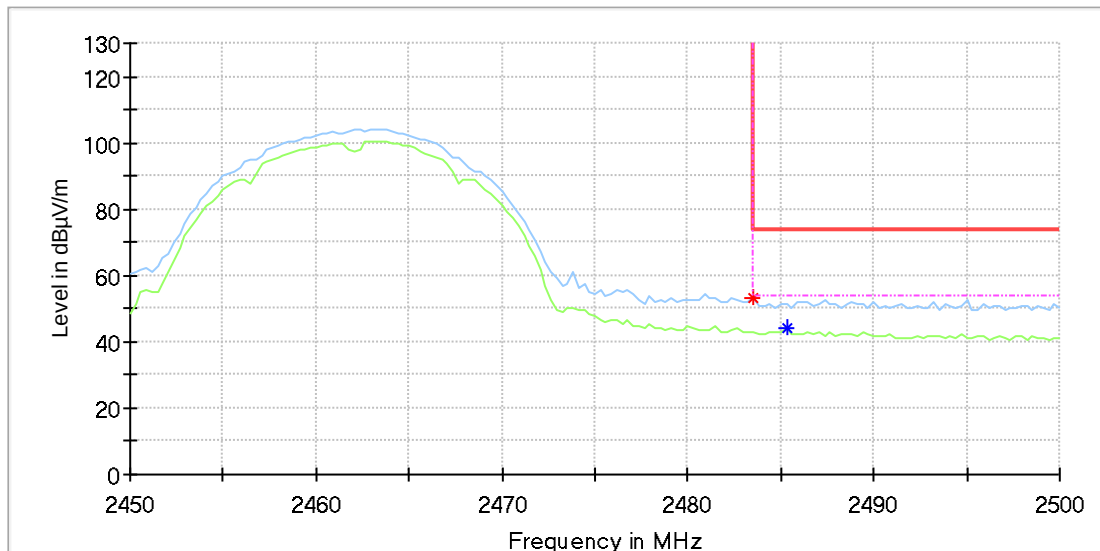
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2381.176471     | 51.42            | ---              | 74.00          | 22.58       | 150.0       | V   | 308.0         | 8.5          |
| 2389.411765     | ---              | 40.65            | 54.00          | 13.35       | 150.0       | V   | 234.0         | 8.5          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

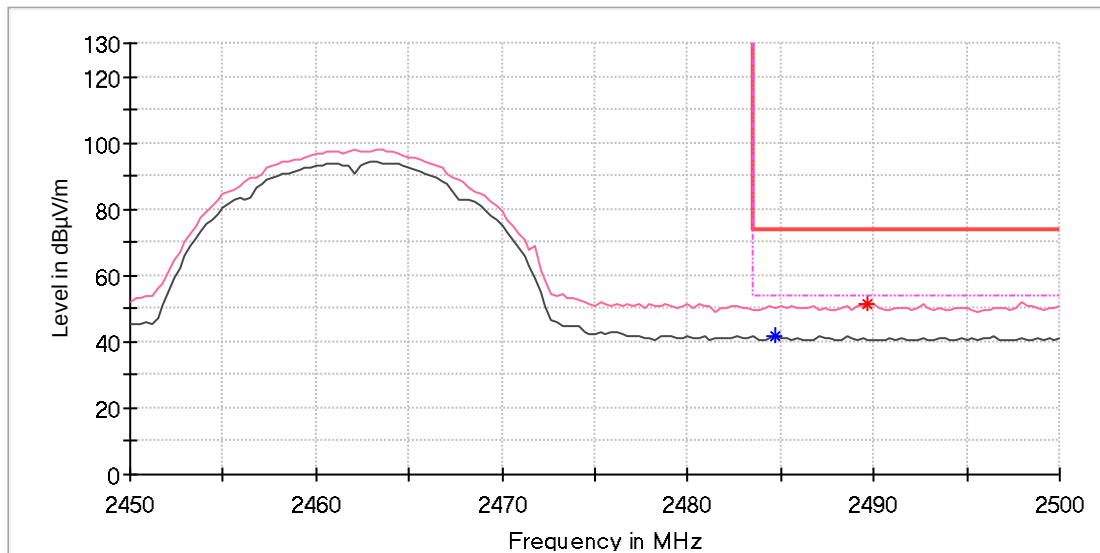
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.529412     | 53.30            | ---              | 74.00          | 20.70       | 150.0       | H   | 222.0         | 8.9          |
| 2485.294118     | ---              | 43.97            | 54.00          | 10.03       | 150.0       | H   | 222.0         | 8.9          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.705882     | ---              | 41.78            | 54.00          | 12.22       | 150.0       | V   | 138.0         | 8.9          |
| 2489.705882     | 51.46            | ---              | 74.00          | 22.54       | 150.0       | V   | 0.0           | 8.9          |

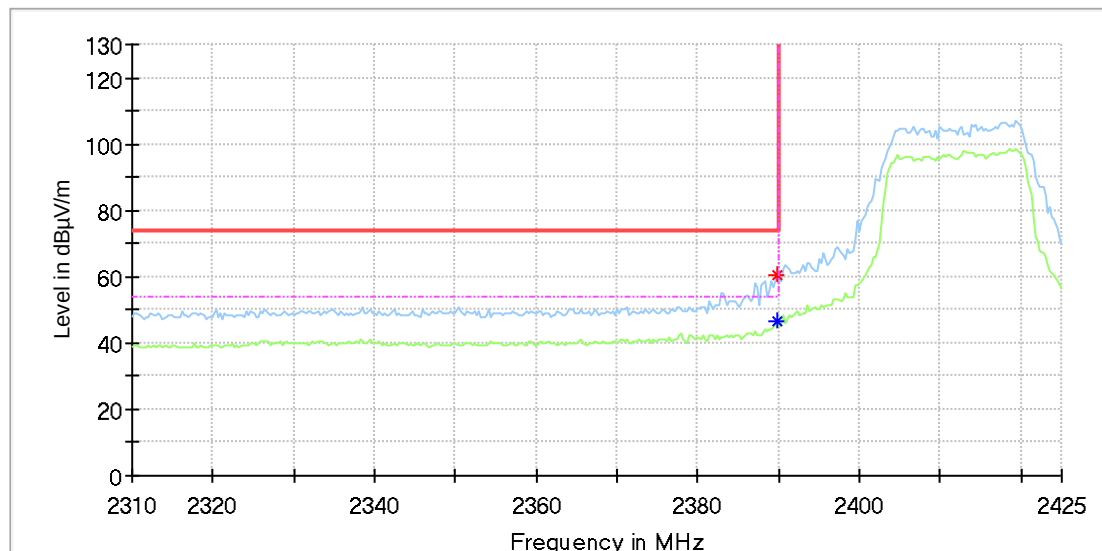
## Final Result

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

## Wi-Fi 802.11 g mode

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11g_Ch1        |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

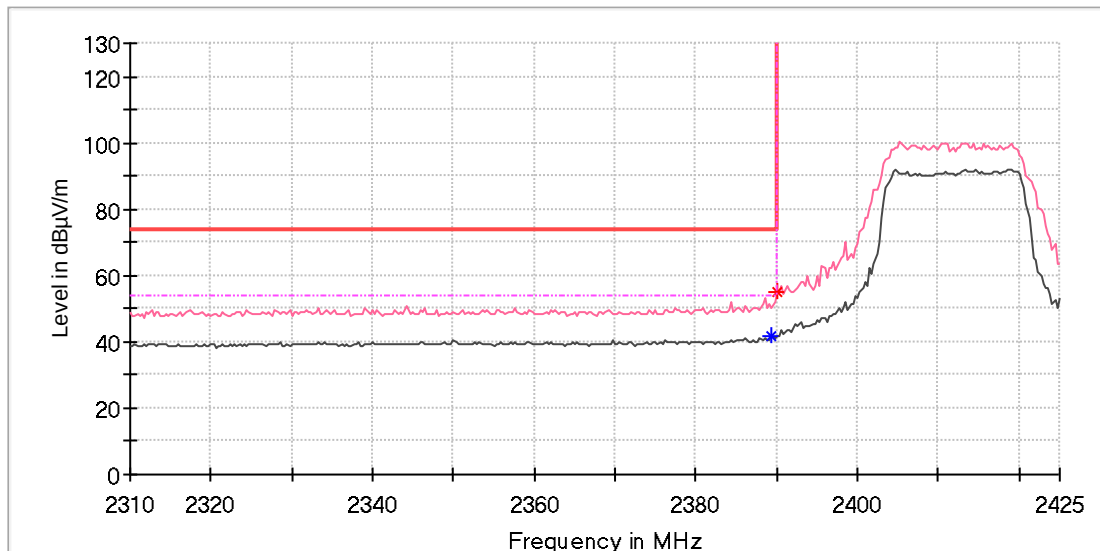
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.705882     | 60.63            | ---              | 74.00          | 13.37       | 150.0       | H   | 219.0         | 8.5          |
| 2389.705882     | ---              | 46.32            | 54.00          | 7.68        | 150.0       | H   | 219.0         | 8.5          |

### Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11g\_Ch1  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

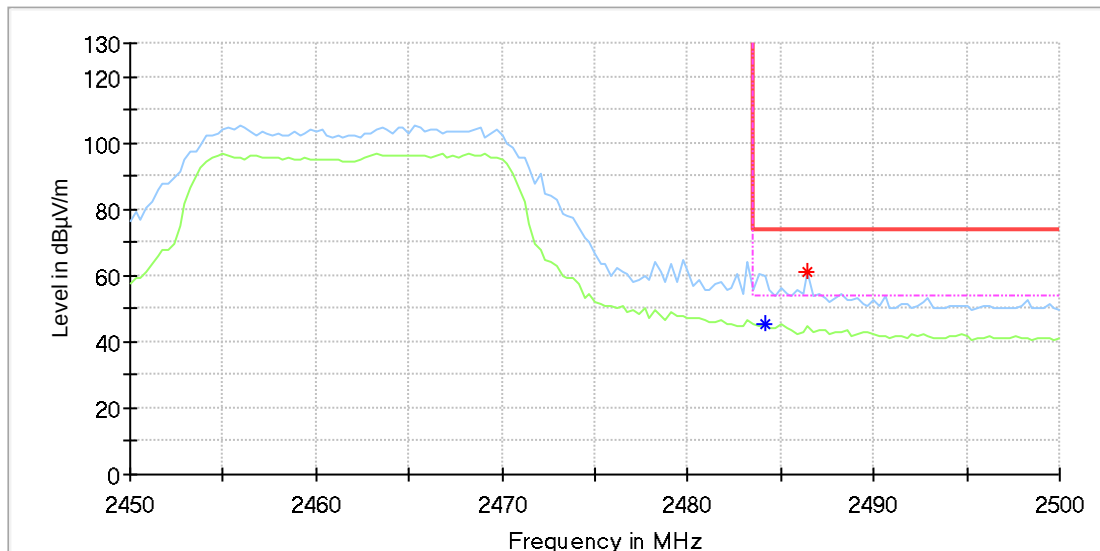
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.411765     | ---              | 41.82            | 54.00          | 12.18       | 150.0       | V   | 235.0         | 8.5          |
| 2390.000000     | 55.11            | ---              | 74.00          | 18.89       | 150.0       | V   | 163.0         | 8.5          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11g_Ch11       |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

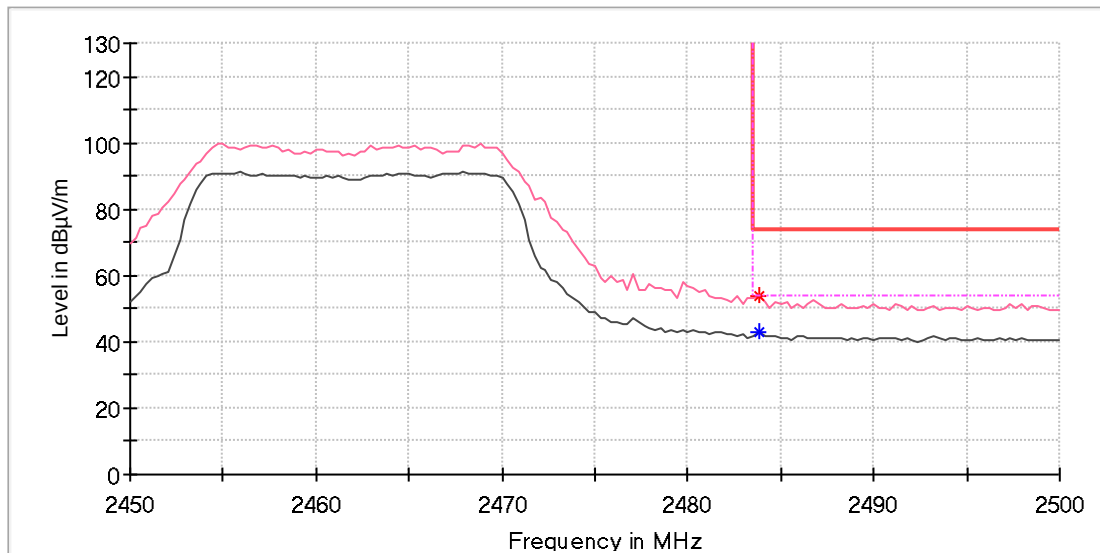
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.117647     | ---              | 45.35            | 54.00          | 8.65        | 150.0       | H   | 210.0         | 8.9          |
| 2486.470588     | 61.00            | ---              | 74.00          | 13.00       | 150.0       | H   | 226.0         | 8.9          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11g_Ch11       |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.823529     | ---              | 42.95            | 54.00          | 11.05       | 150.0       | V   | 124.0         | 8.9          |
| 2483.823529     | 53.70            | ---              | 74.00          | 20.30       | 150.0       | V   | 124.0         | 8.9          |

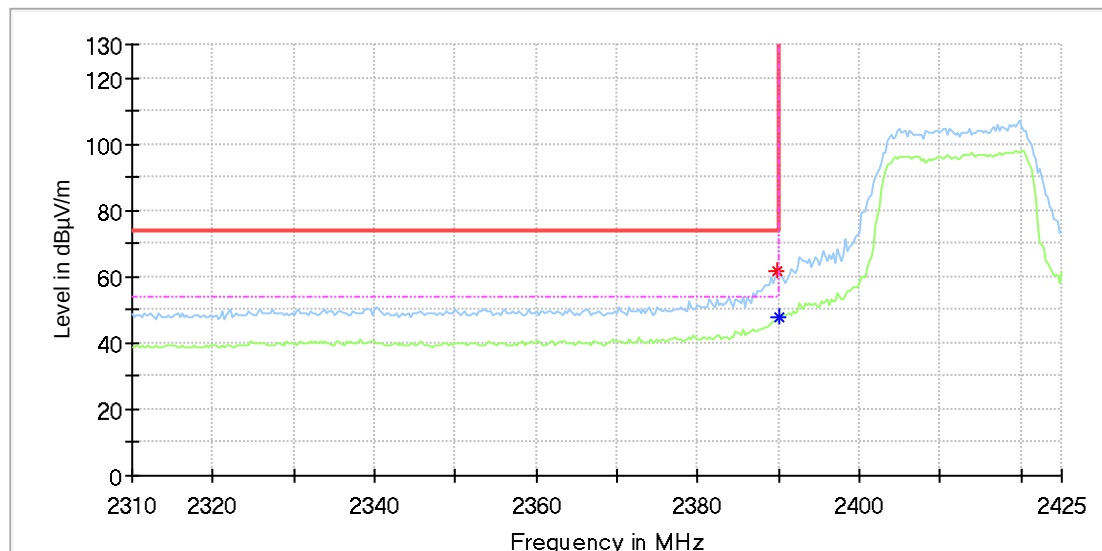
## Final Result

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

## Wi-Fi 802.11 n(HT20) mode

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11n20_Ch1      |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.705882     | 61.86            | ---              | 74.00          | 12.14       | 150.0       | H   | 224.0         | 8.5          |
| 2390.000000     | ---              | 47.57            | 54.00          | 6.43        | 150.0       | H   | 219.0         | 8.5          |

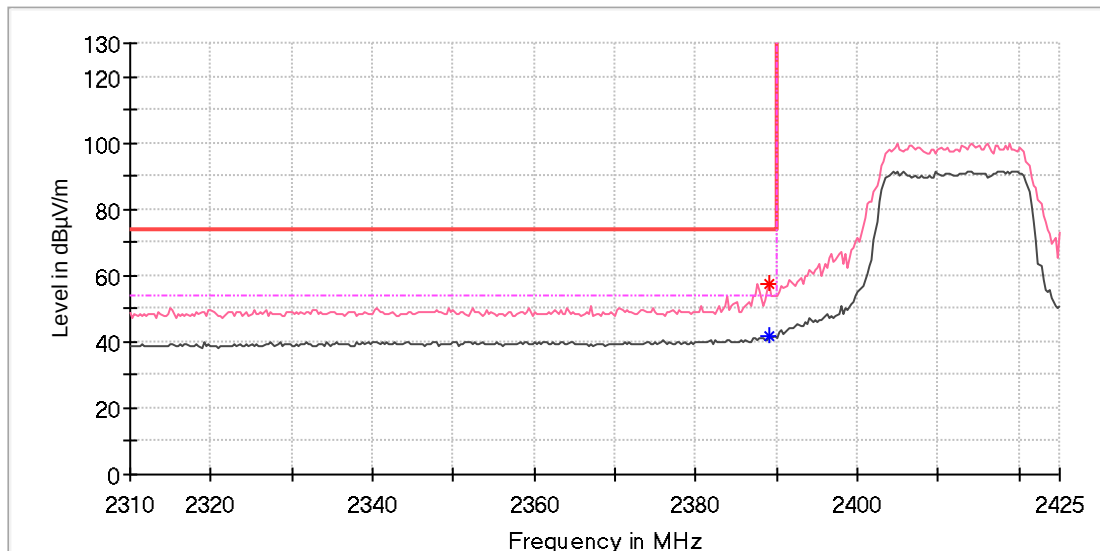
### Final Result

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



## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n20\_Ch1  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

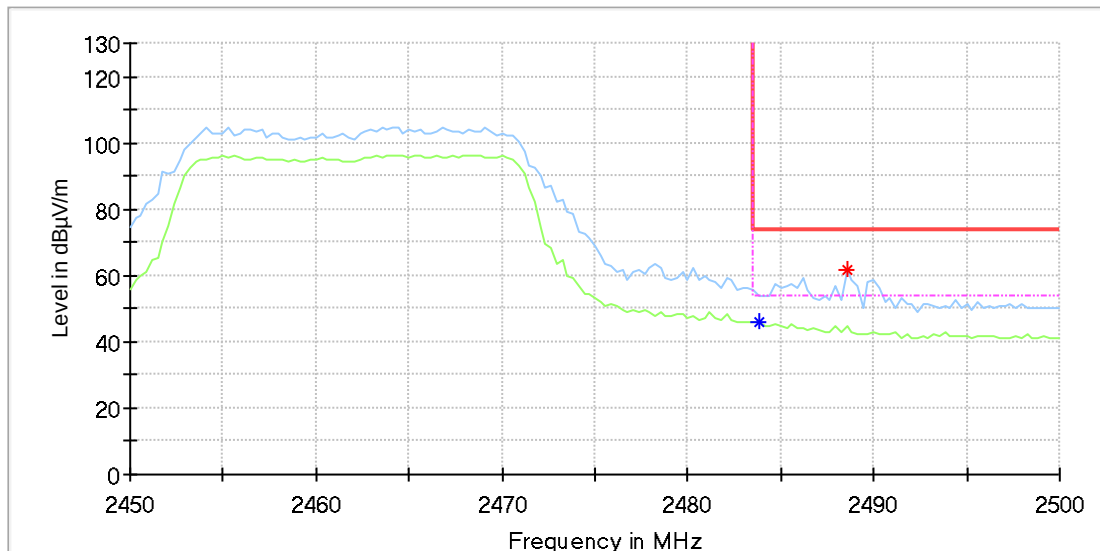
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.117647     | 57.14            | ---              | 74.00          | 16.86       | 150.0       | V   | 241.0         | 8.5          |
| 2389.117647     | ---              | 41.76            | 54.00          | 12.24       | 150.0       | V   | 241.0         | 8.5          |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n20\_Ch11  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

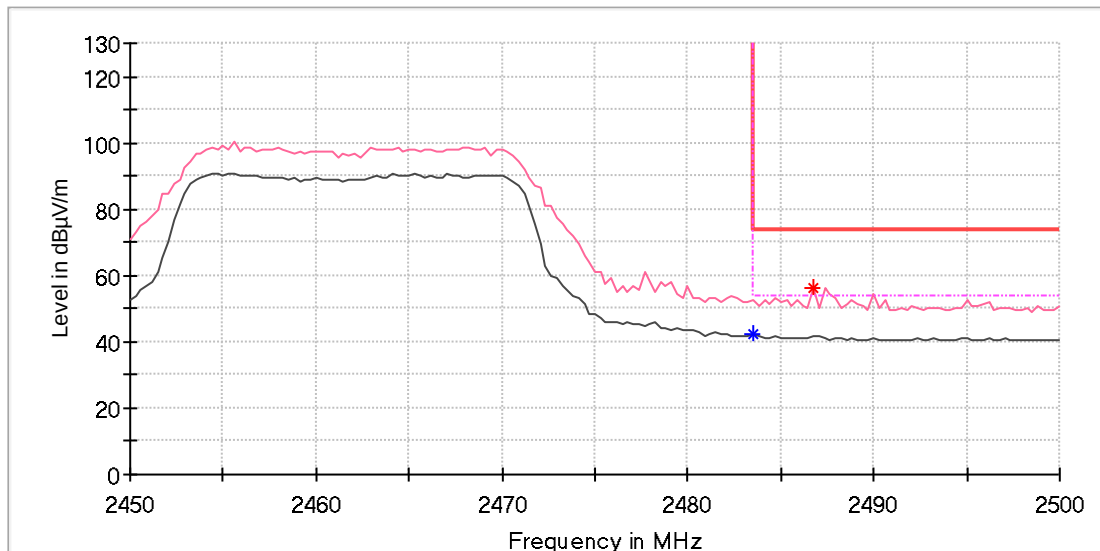
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.823529     | ---              | 45.98            | 54.00          | 8.02        | 150.0       | H   | 217.0         | 8.9          |
| 2488.529412     | 61.84            | ---              | 74.00          | 12.16       | 150.0       | H   | 227.0         | 8.9          |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n20\_Ch11  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
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     | ---              | 42.22            | 54.00          | 11.78       | 150.0       | V   | 236.0         | 8.9          |
| 2486.764706     | 56.41            | ---              | 74.00          | 17.59       | 150.0       | V   | 334.0         | 8.9          |

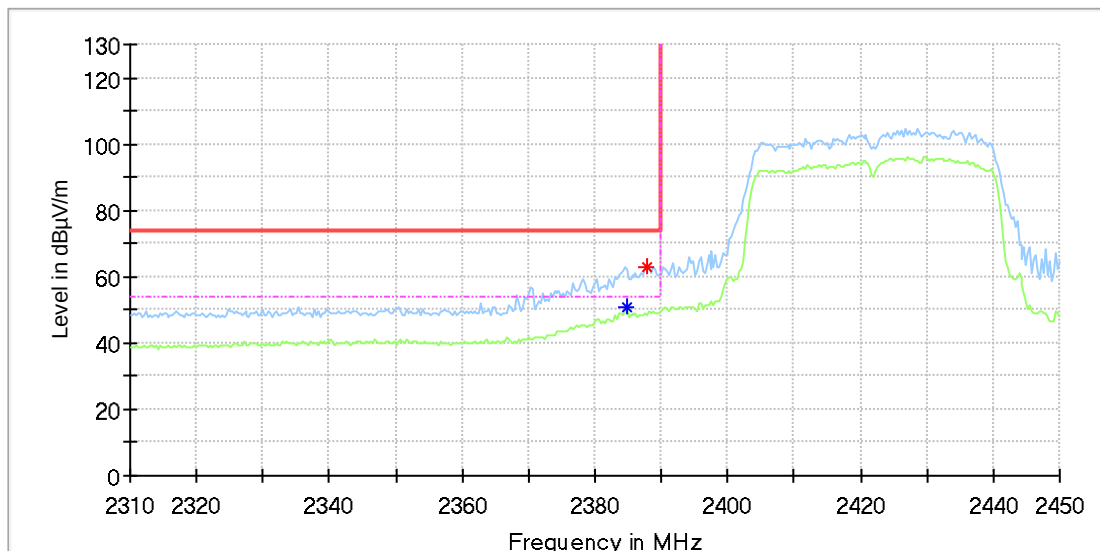
## Final Result

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

## Wi-Fi 802.11 n(HT40) mode

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | RRE0R50                  |
| Test Mode:          | WIFI 2.4G_11n40_Ch3      |
| Order No/Sample No: | 168510993/A003856301-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:53%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

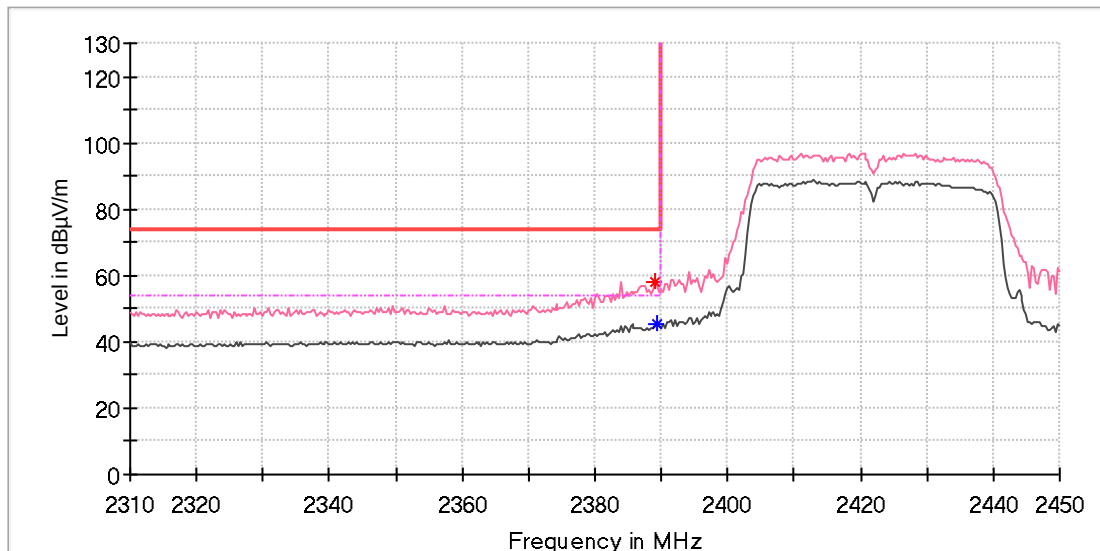
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2384.705882     | ---              | 50.94            | 54.00          | 3.06        | 150.0       | H   | 146.0         | 8.5          |
| 2387.941177     | 63.05            | ---              | 74.00          | 10.95       | 150.0       | H   | 156.0         | 8.5          |

### Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n40\_Ch3  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

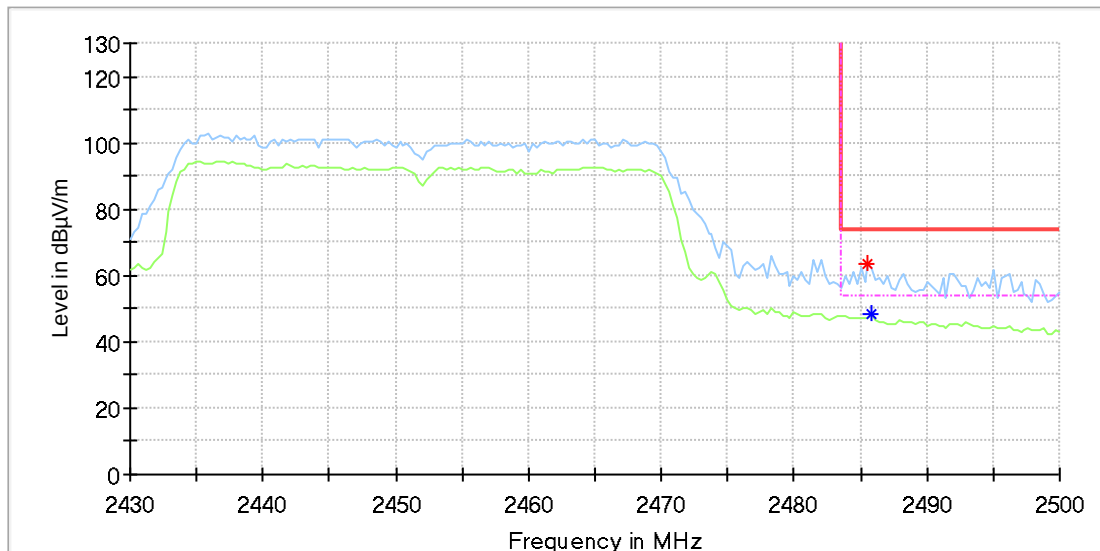
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.117647     | 58.12            | ---              | 74.00          | 15.88       | 150.0       | V   | 156.0         | 8.5          |
| 2389.411765     | ---              | 45.61            | 54.00          | 8.39        | 150.0       | V   | 151.0         | 8.5          |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n40\_Ch9  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

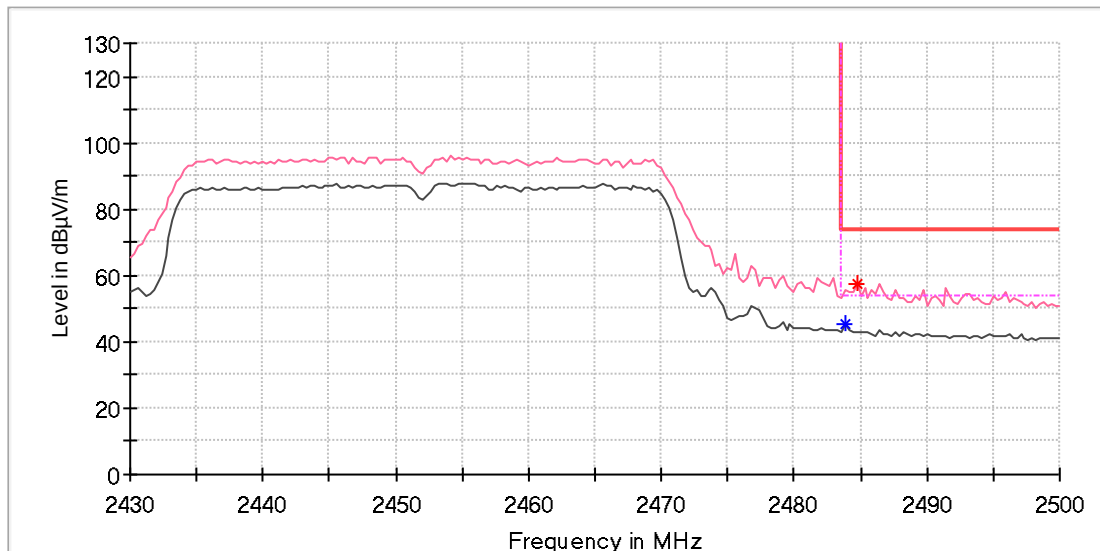
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.588235     | 63.23            | ---              | 74.00          | 10.77       | 150.0       | H   | 148.0         | 8.9          |
| 2485.882353     | ---              | 48.14            | 54.00          | 5.86        | 150.0       | H   | 139.0         | 8.9          |

## Final Result

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

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: RRE0R50  
Test Mode: WIFI 2.4G\_11n40\_Ch9  
Order No/Sample No: 168510993/A003856301-004  
Test Voltage: Battery  
Remark: Temp 23 Humi:53%  
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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.823529     | ---              | 45.19            | 54.00          | 8.81        | 150.0       | V   | 264.0         | 8.9          |
| 2484.705882     | 57.51            | ---              | 74.00          | 16.49       | 150.0       | V   | 264.0         | 8.9          |

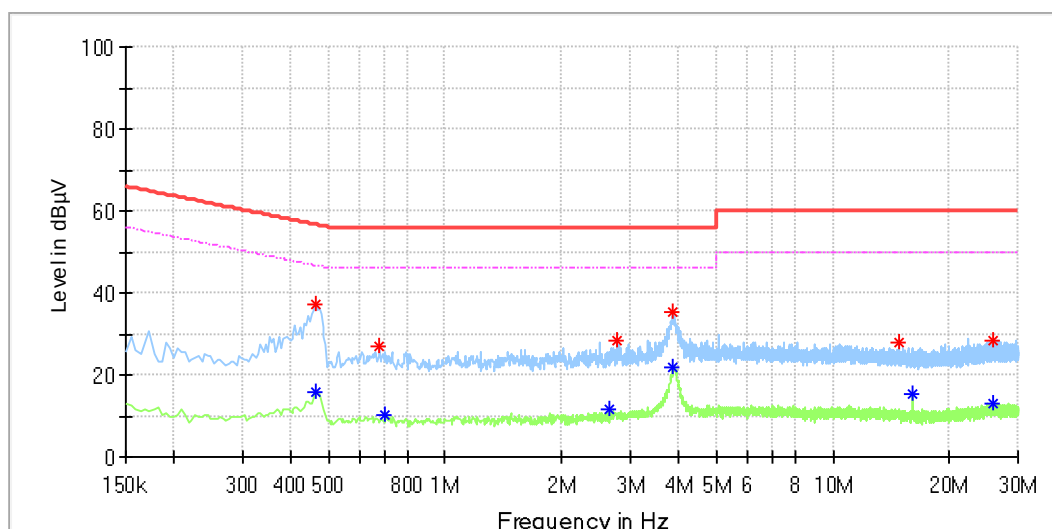
## Final Result

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

## Appendix A.7: Test Results of Conducted Emission on AC Mains

## EUT Information

|                     |                            |
|---------------------|----------------------------|
| EUT Name:           | Robotic Vacuum Cleaner     |
| Model:              | RRE0R50                    |
| Test Mode:          | Charging and Wireless link |
| Order No/Sample No: | 168510993/A003856301-004   |
| Test Voltage::      | AC120V 60Hz                |
| Remark:             | Temp 23 Humi:53%           |
| Test Standard:      | FCC 15C                    |
| Tested By:          | Kei Zhang                  |
| Reviewed By:        | Terry Yin                  |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBμV) | Average<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Line | Corr.<br>(dB) |
|--------------------|-------------------|-------------------|-----------------|----------------|------|---------------|
| 0.465000           | ---               | 15.86             | 46.60           | 30.74          | L1   | 10.0          |
| 0.465000           | 37.35             | ---               | 56.60           | 19.25          | L1   | 10.0          |
| 0.676500           | 27.13             | ---               | 56.00           | 28.87          | L1   | 10.0          |
| 0.699000           | ---               | 10.23             | 46.00           | 35.77          | L1   | 10.0          |
| 2.643000           | ---               | 11.46             | 46.00           | 34.54          | L1   | 10.2          |
| 2.769000           | 28.25             | ---               | 56.00           | 27.75          | L1   | 10.2          |
| 3.849000           | ---               | 21.82             | 46.00           | 24.18          | L1   | 10.2          |
| 3.849000           | 35.31             | ---               | 56.00           | 20.69          | L1   | 10.2          |
| 14.797500          | 28.06             | ---               | 60.00           | 31.94          | L1   | 10.4          |
| 15.999000          | ---               | 15.33             | 50.00           | 34.67          | L1   | 10.4          |
| 25.741500          | 28.30             | ---               | 60.00           | 31.70          | L1   | 10.4          |
| 25.849500          | ---               | 12.99             | 50.00           | 37.01          | L1   | 10.4          |

## Final Result

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV) | Average<br>(dBμV) | Limit<br>(dBμV) | Margin<br>(dB) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Line | Corr.<br>(dB) |
|--------------------|---------------------|-------------------|-----------------|----------------|--------------------|--------------------|------|---------------|
| ---                | ---                 | ---               | ---             | ---            | ---                | ---                |      | ---           |



