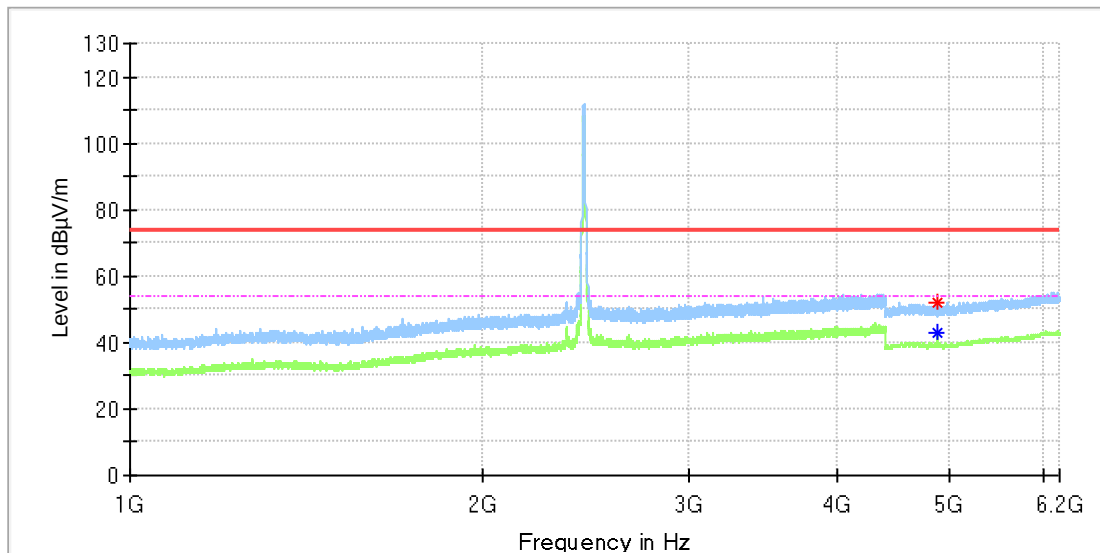


## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

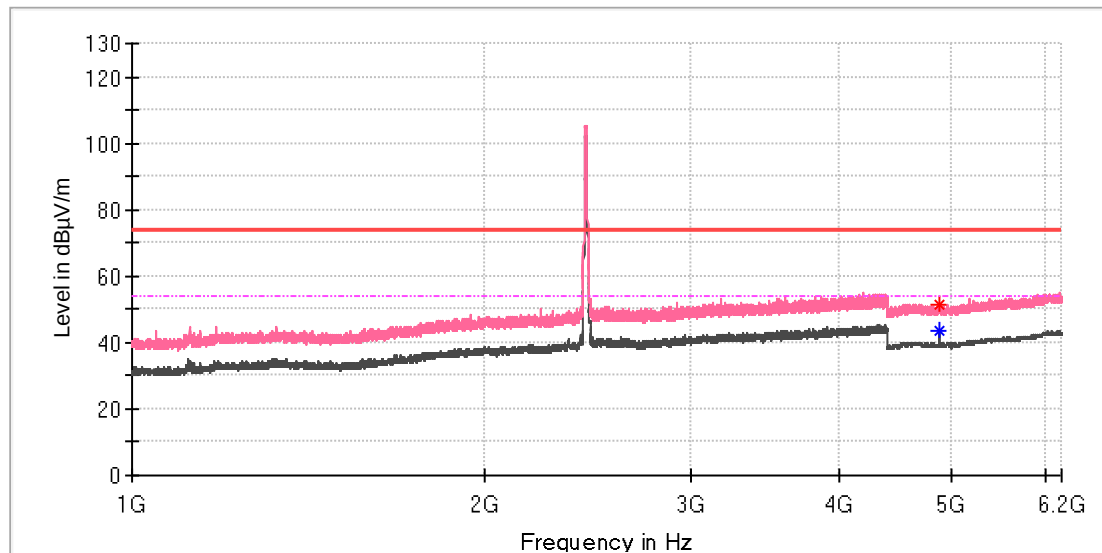
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4873.500000     | 51.72            | ---              | 74.00          | 22.28       | 100.0       | H   | 276.0         | 11.8         |
| 4874.000000     | ---              | 42.66            | 54.00          | 11.34       | 100.0       | H   | 234.0         | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

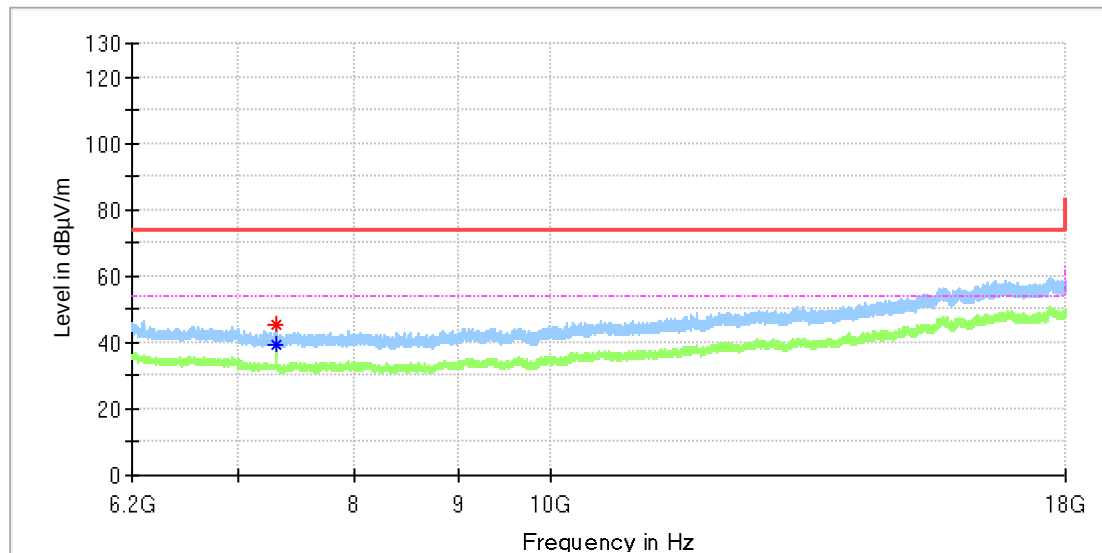
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4874.000000     | ---              | 43.26            | 54.00          | 10.74       | 100.0       | V   | 332.0         | 11.8         |
| 4874.500000     | 51.37            | ---              | 74.00          | 22.63       | 100.0       | V   | 316.0         | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

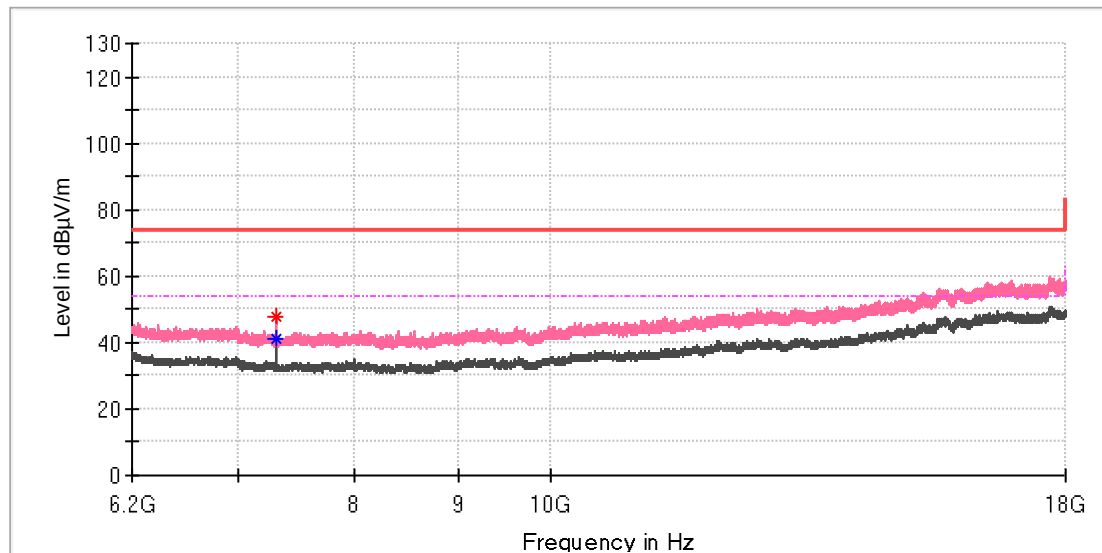
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7310.675000     | 45.43            | ---              | 74.00          | 28.57       | 100.0       | H   | 71.0          | 8.2          |
| 7311.658333     | ---              | 39.22            | 54.00          | 14.78       | 100.0       | H   | 34.0          | 8.2          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

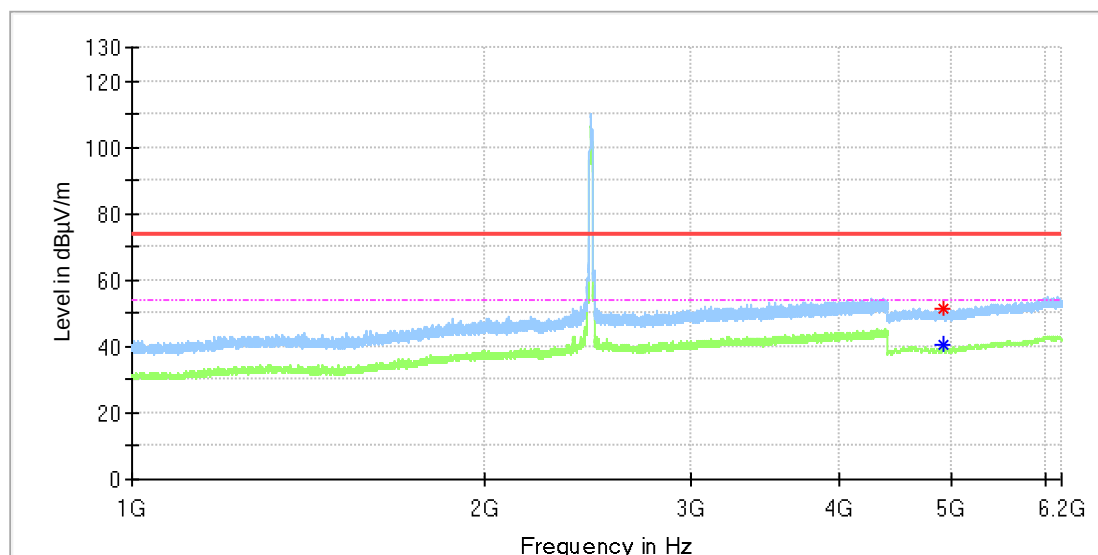
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7310.183333     | ---              | 41.14            | 54.00          | 12.86       | 100.0       | V   | 146.0         | 8.2          |
| 7310.675000     | 47.64            | ---              | 74.00          | 26.36       | 100.0       | V   | 146.0         | 8.2          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

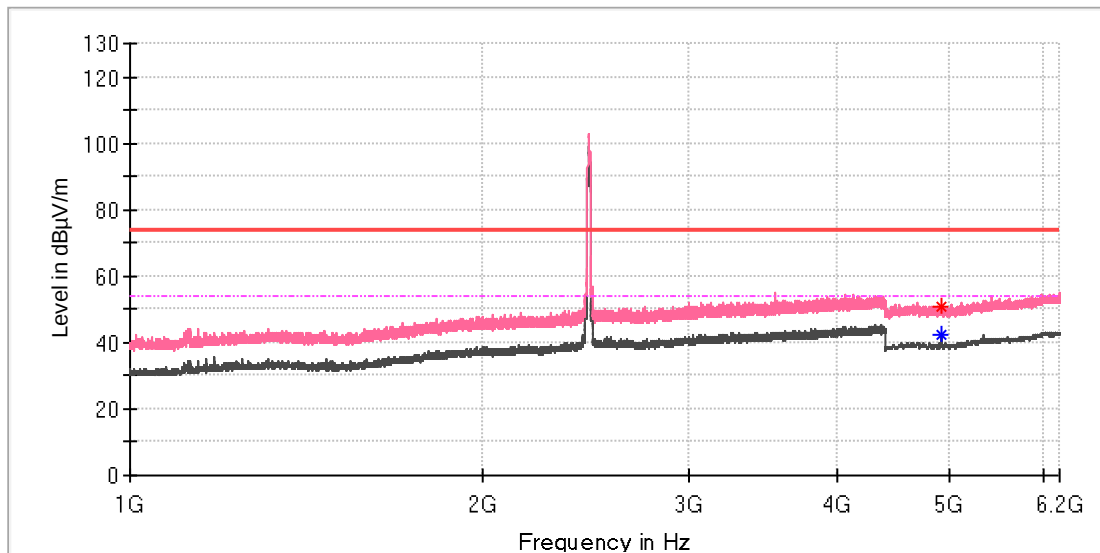
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4910.000000     | 51.34            | ---              | 74.00          | 22.66       | 100.0       | H   | 236.0         | 11.8         |
| 4924.000000     | ---              | 40.34            | 54.00          | 13.66       | 100.0       | H   | 236.0         | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

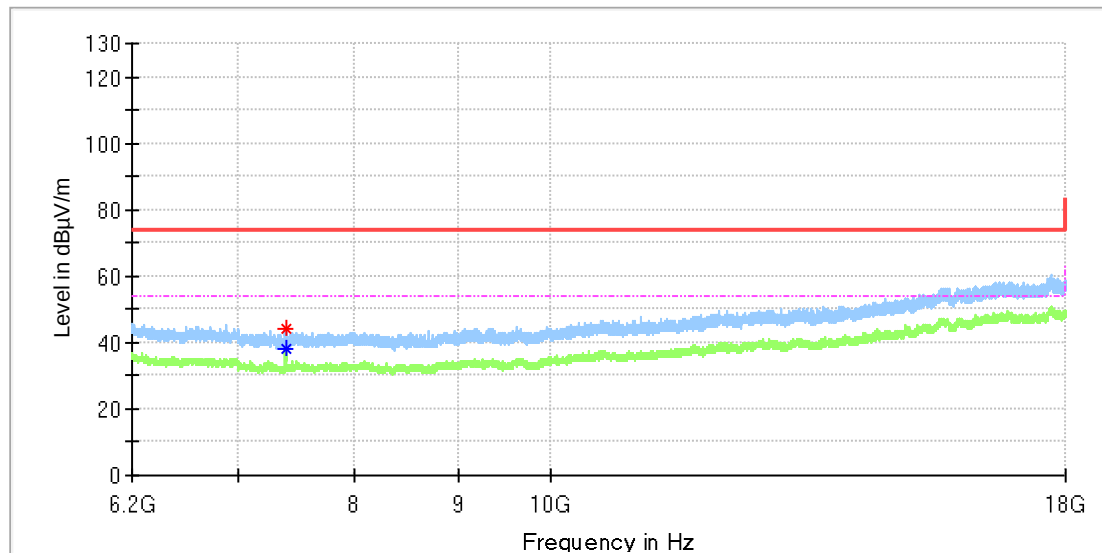
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4923.500000     | 50.70            | ---              | 74.00          | 23.30       | 100.0       | V   | 331.0         | 11.8         |
| 4924.000000     | ---              | 42.42            | 54.00          | 11.58       | 100.0       | V   | 324.0         | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

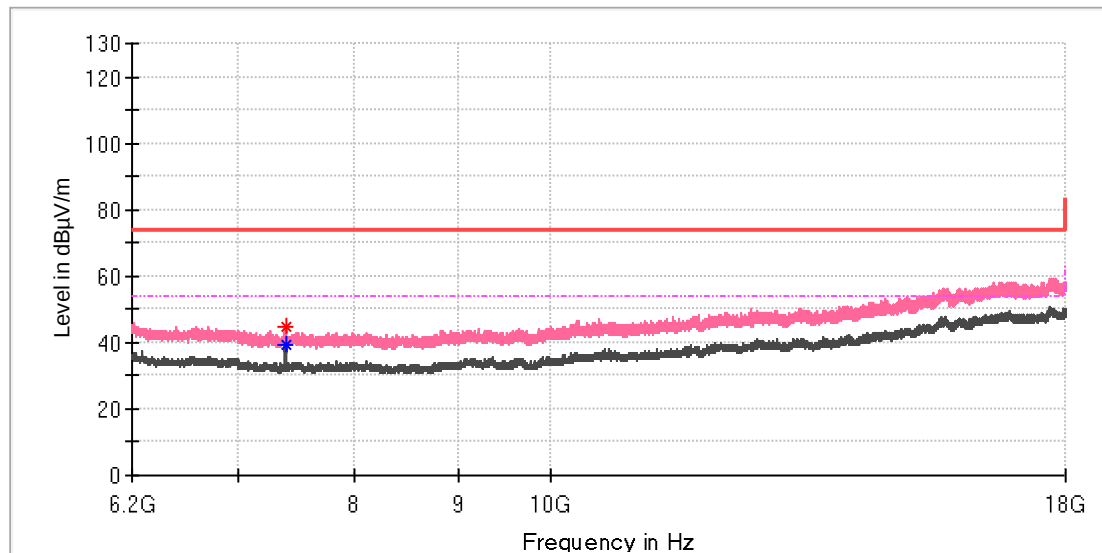
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7386.883333     | ---              | 37.81            | 54.00          | 16.19       | 100.0       | H   | 33.0          | 8.2          |
| 7387.375000     | 44.12            | ---              | 74.00          | 29.88       | 100.0       | H   | 33.0          | 8.2          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

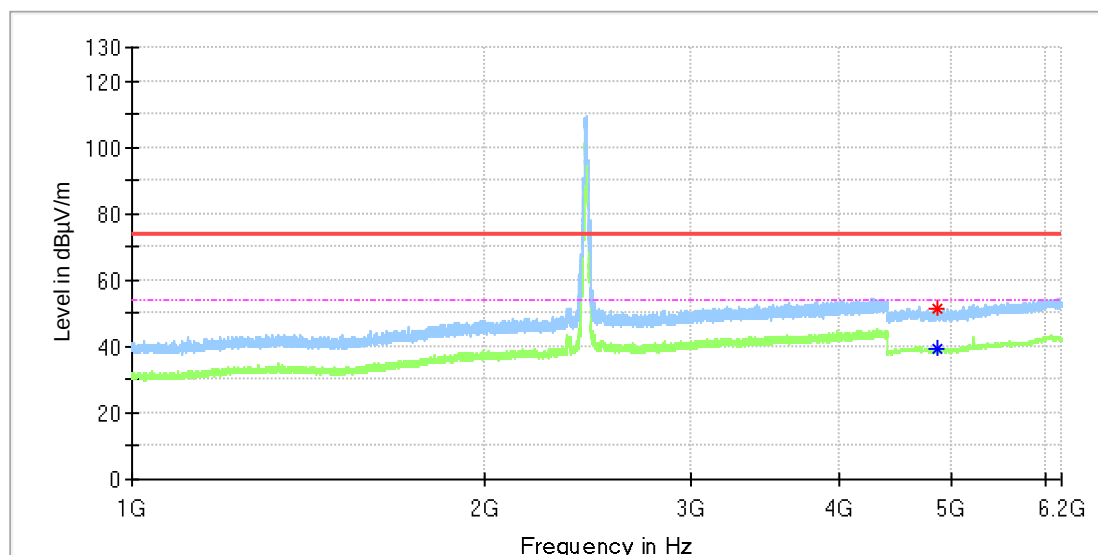
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7386.883333     | ---              | 39.21            | 54.00          | 14.79       | 100.0       | V   | 331.0         | 8.2          |
| 7387.375000     | 45.02            | ---              | 74.00          | 28.98       | 100.0       | V   | 343.0         | 8.2          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11g\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

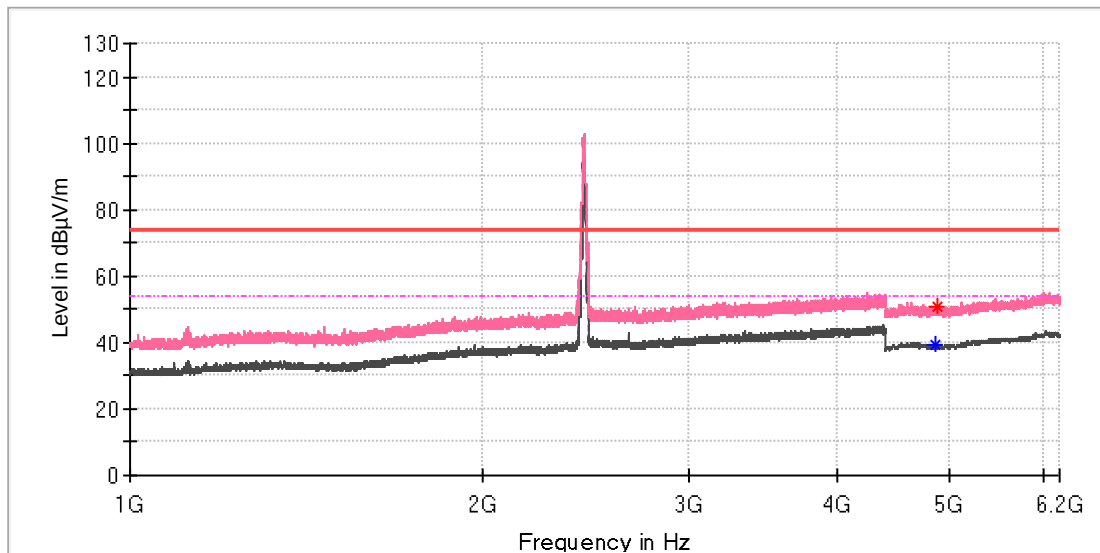
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4851.500000     | 51.23            | ---              | 74.00          | 22.77       | 100.0       | H   | 341.0         | 11.8         |
| 4861.000000     | ---              | 39.14            | 54.00          | 14.86       | 100.0       | H   | 169.0         | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11g\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

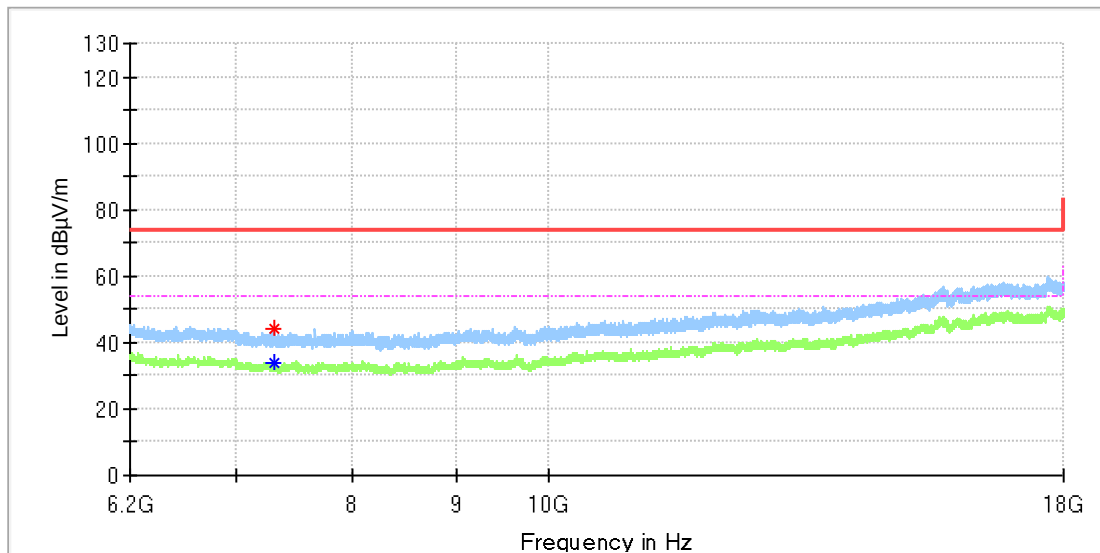
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4862.500000     | ---              | 39.25            | 54.00          | 14.75       | 100.0       | V   | 356.0         | 11.8         |
| 4872.000000     | 50.50            | ---              | 74.00          | 23.50       | 100.0       | V   | 359.0         | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11g\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

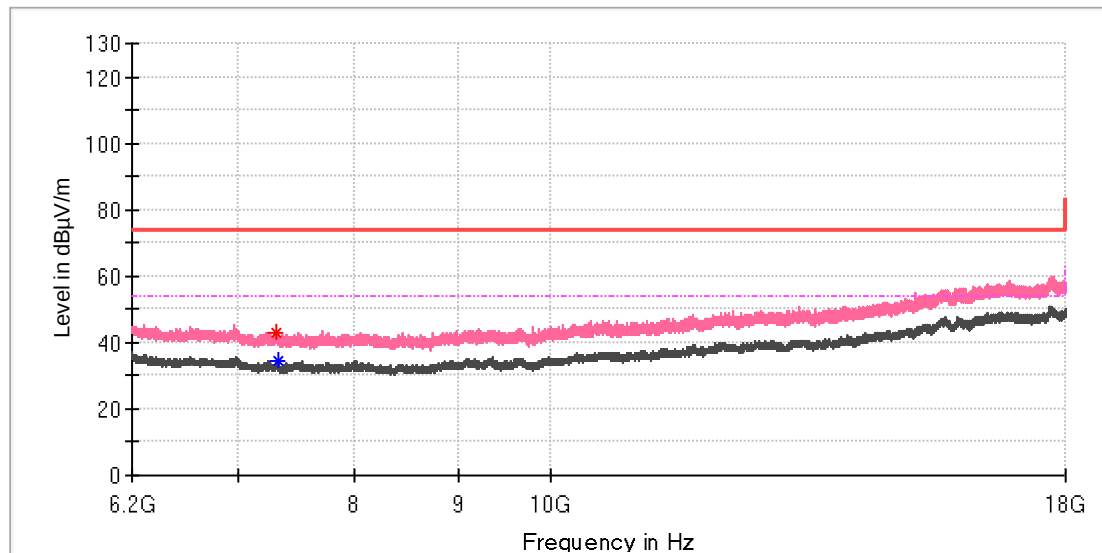
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7307.233333     | ---              | 33.75            | 54.00          | 20.25       | 100.0       | H   | 87.0          | 8.3          |
| 7310.675000     | 44.03            | ---              | 74.00          | 29.97       | 100.0       | H   | 232.0         | 8.2          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11g\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

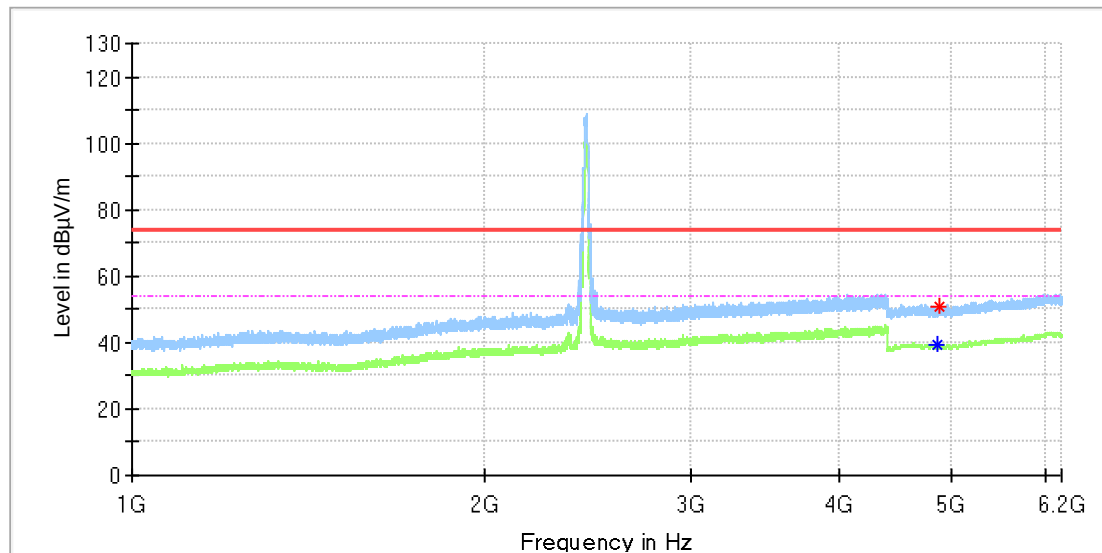
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7314.608333     | 42.93            | ---              | 74.00          | 31.07       | 100.0       | V   | 300.0         | 8.2          |
| 7325.425000     | ---              | 34.38            | 54.00          | 19.62       | 100.0       | V   | 300.0         | 8.2          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11n20\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

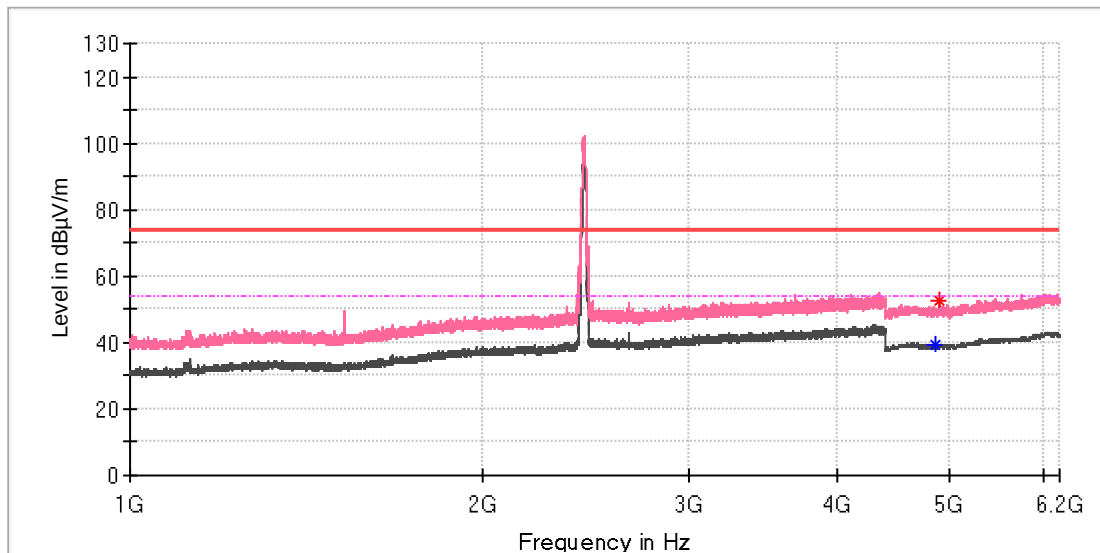
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4858.500000     | ---              | 39.29            | 54.00          | 14.71       | 100.0       | H   | 229.0         | 11.8         |
| 4870.500000     | 50.80            | ---              | 74.00          | 23.20       | 100.0       | H   | 280.0         | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11n20\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

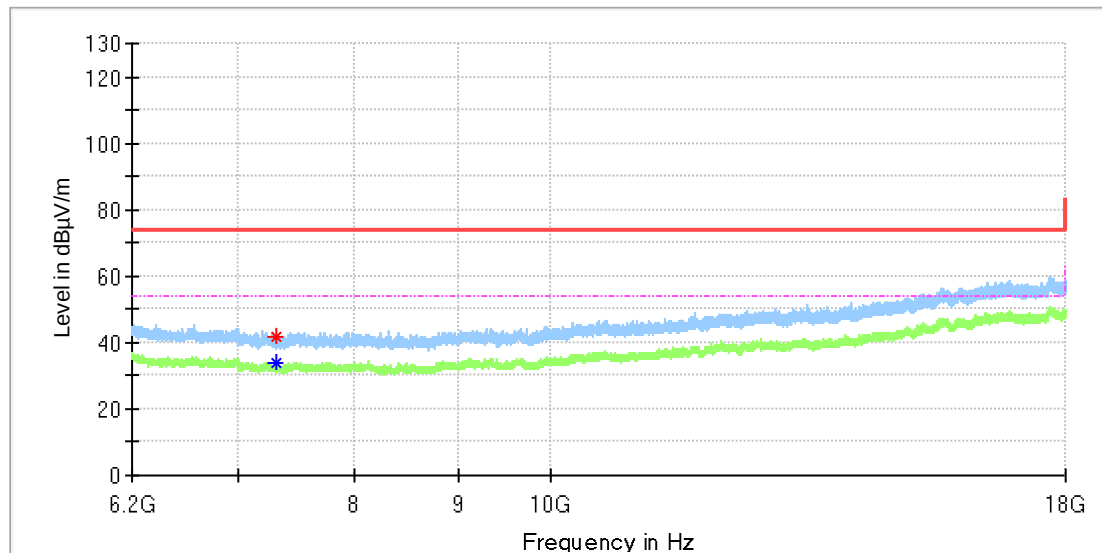
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4862.500000     | ---              | 39.37            | 54.00          | 14.63       | 100.0       | V   | 294.0         | 11.8         |
| 4891.000000     | 52.37            | ---              | 74.00          | 21.63       | 100.0       | V   | 294.0         | 11.8         |

## 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:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11n20_Ch6      |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

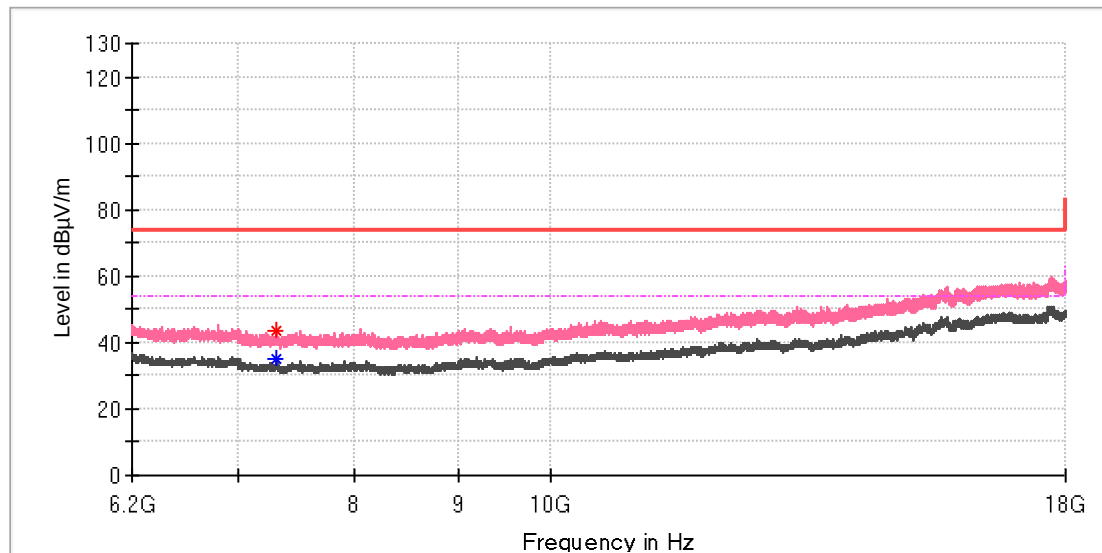
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7310.183333     | ---              | 33.60            | 54.00          | 20.40       | 100.0       | H   | 74.0          | 8.2          |
| 7312.150000     | 41.90            | ---              | 74.00          | 32.10       | 100.0       | H   | 358.0         | 8.2          |

## 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:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11n20_Ch6      |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

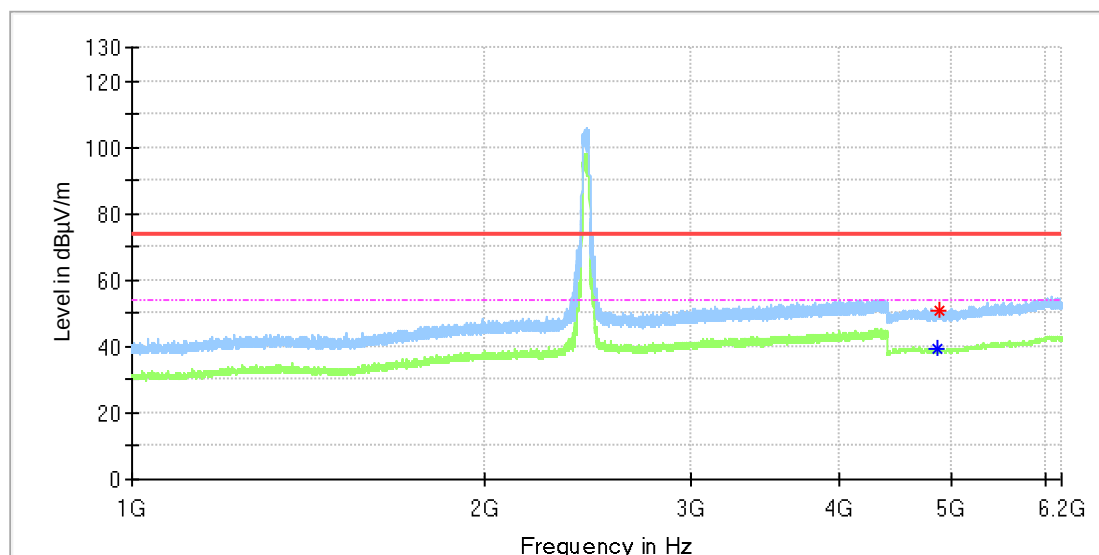
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7305.758333     | 43.74            | ---              | 74.00          | 30.26       | 100.0       | V   | 299.0         | 8.3          |
| 7311.166667     | ---              | 34.87            | 54.00          | 19.13       | 100.0       | V   | 340.0         | 8.2          |

## 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:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11n40_Ch6      |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

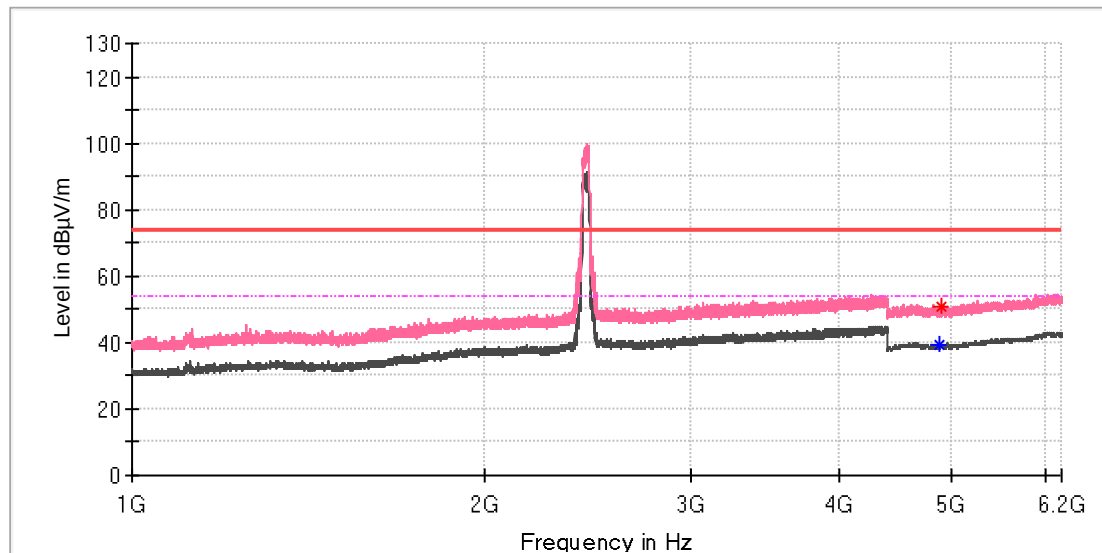
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4863.500000     | ---              | 39.23            | 54.00          | 14.77       | 100.0       | H   | 50.0          | 11.8         |
| 4885.500000     | 50.58            | ---              | 74.00          | 23.42       | 100.0       | H   | 110.0         | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11n40\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

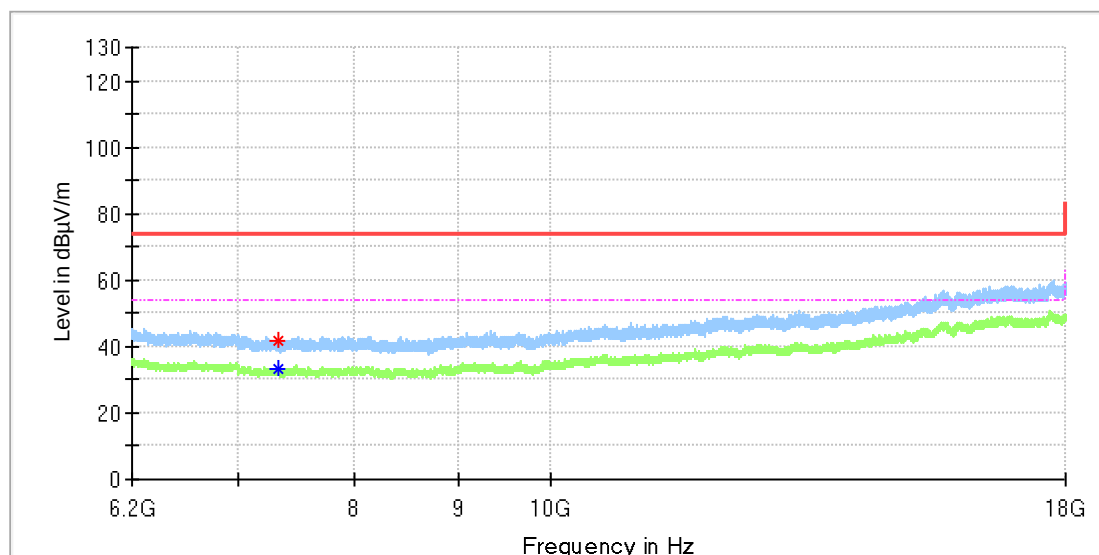
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4878.500000     | ---              | 39.03            | 54.00          | 14.97       | 100.0       | V   | 95.0          | 11.8         |
| 4893.000000     | 50.87            | ---              | 74.00          | 23.13       | 100.0       | V   | 14.0          | 11.8         |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11n40\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

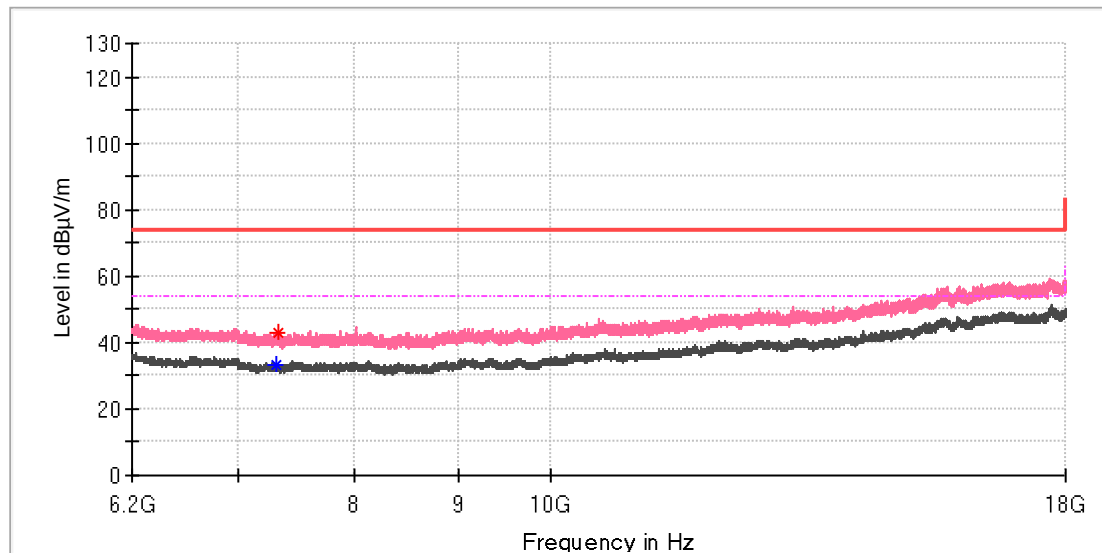
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7324.933333     | 41.49            | ---              | 74.00          | 32.51       | 100.0       | H   | 207.0         | 8.2          |
| 7332.800000     | ---              | 33.06            | 54.00          | 20.94       | 100.0       | H   | 89.0          | 8.1          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11n40\_Ch6  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7316.083333     | ---              | 33.53            | 54.00          | 20.47       | 100.0       | V   | 293.0         | 8.2          |
| 7327.391667     | 43.06            | ---              | 74.00          | 30.94       | 100.0       | V   | 293.0         | 8.1          |

## Final\_Result

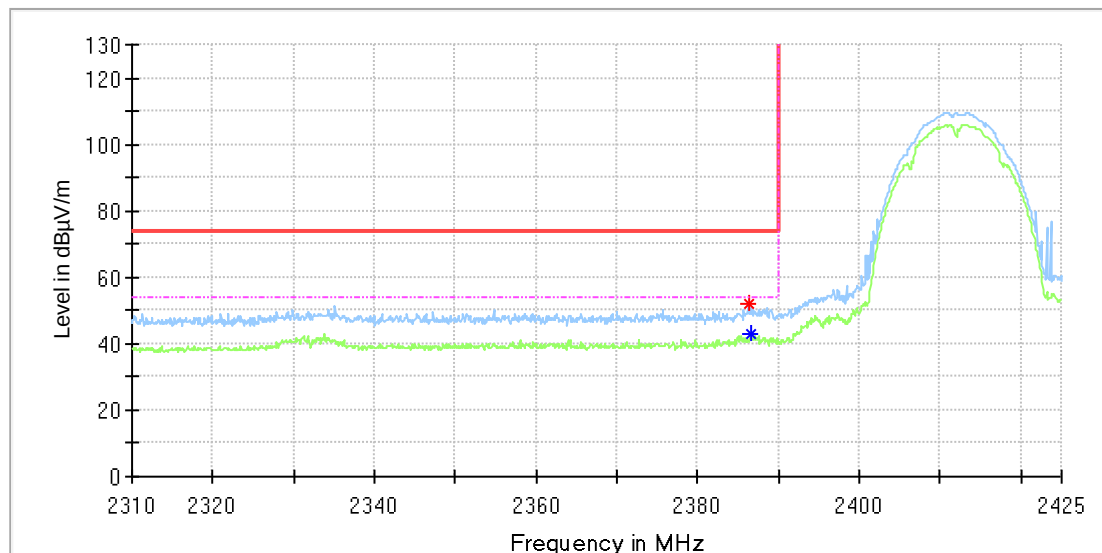
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---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

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

Wi-Fi 802.11 b mode, 1 Mbps

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11b_Ch1        |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical\_Freqs

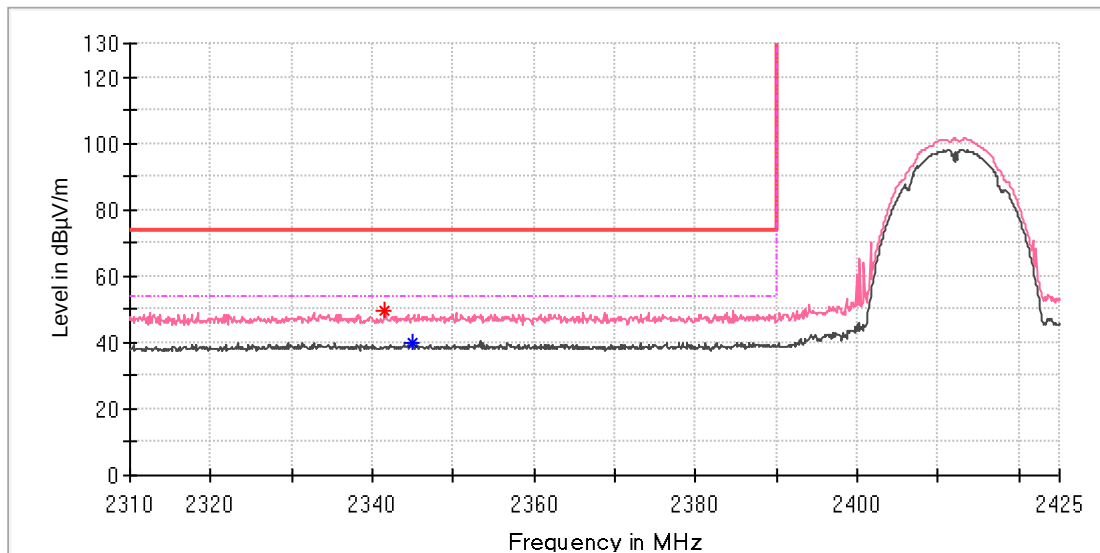
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2386.300000     | 51.78            | ---              | 74.00          | 22.22       | 100.0       | H   | 122.0         | 7.0          |
| 2386.600000     | ---              | 42.99            | 54.00          | 11.01       | 100.0       | H   | 304.0         | 7.0          |

### 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch1  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

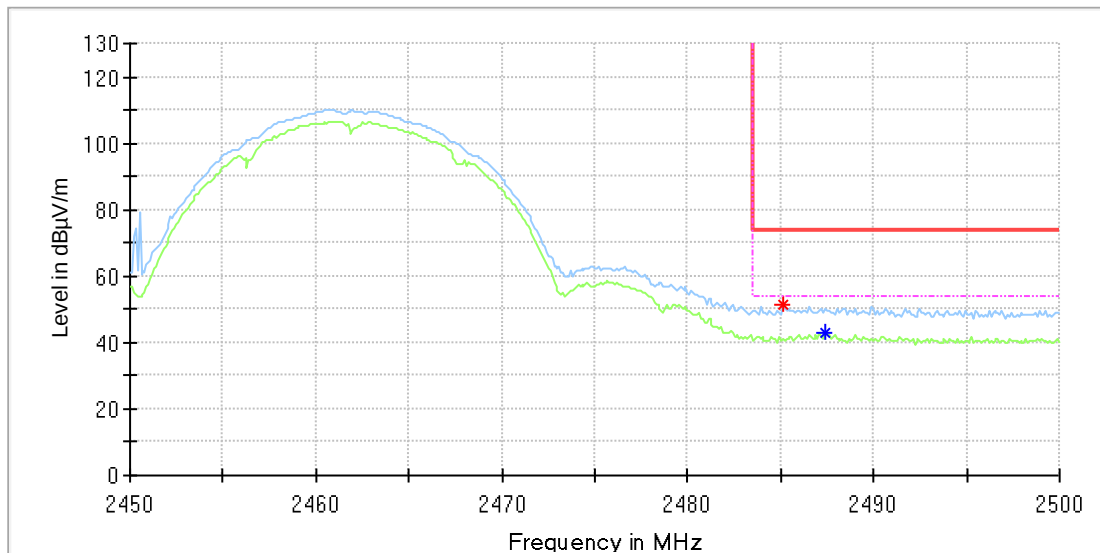
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2341.500000     | 49.42            | ---              | 74.00          | 24.58       | 100.0       | V   | 191.0         | 6.8          |
| 2344.900000     | ---              | 39.93            | 54.00          | 14.07       | 100.0       | V   | 220.0         | 6.9          |

## 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:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11b_Ch11       |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

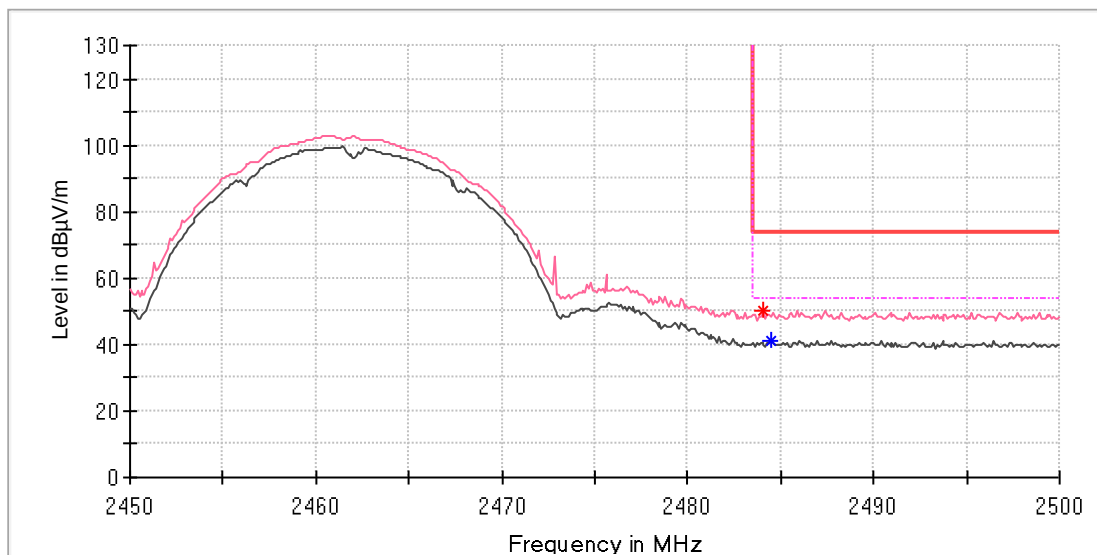
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.100000     | 51.47            | ---              | 74.00          | 22.53       | 100.0       | H   | 128.0         | 7.4          |
| 2487.400000     | ---              | 43.20            | 54.00          | 10.80       | 100.0       | H   | 138.0         | 7.4          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11b\_Ch11  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.100000     | 49.89            | ---              | 74.00          | 24.11       | 100.0       | V   | 88.0          | 7.4          |
| 2484.500000     | ---              | 40.98            | 54.00          | 13.02       | 100.0       | V   | 343.0         | 7.4          |

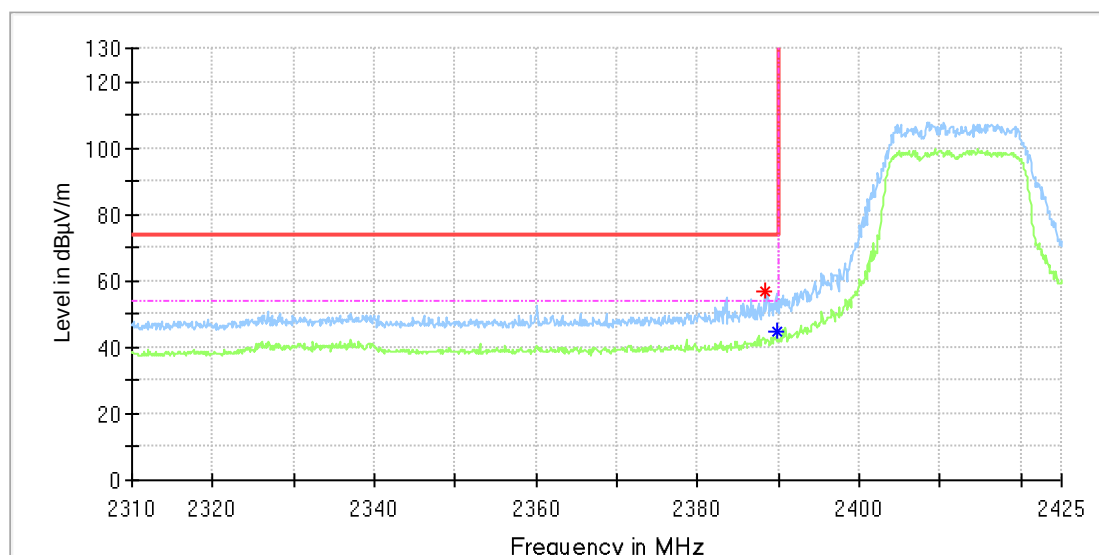
## Final\_Result

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

## Wi-Fi 802.11 g mode, 6 Mbps

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11g_Ch1        |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical\_Freqs

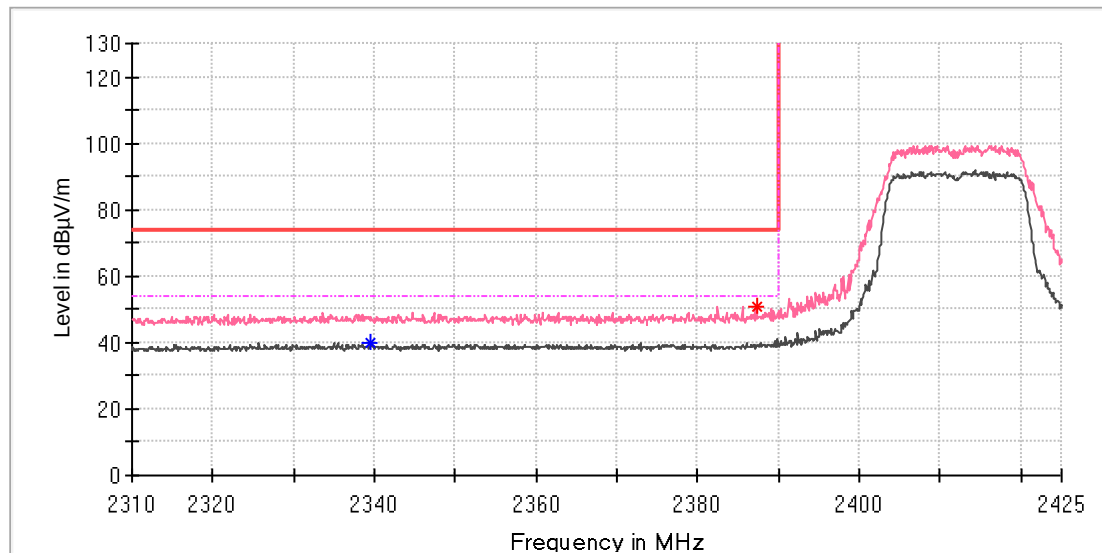
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.200000     | 56.54            | ---              | 74.00          | 17.46       | 100.0       | H   | 119.0         | 7.0          |
| 2389.800000     | ---              | 44.53            | 54.00          | 9.47        | 100.0       | H   | 110.0         | 7.0          |

### 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:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11g_Ch1        |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

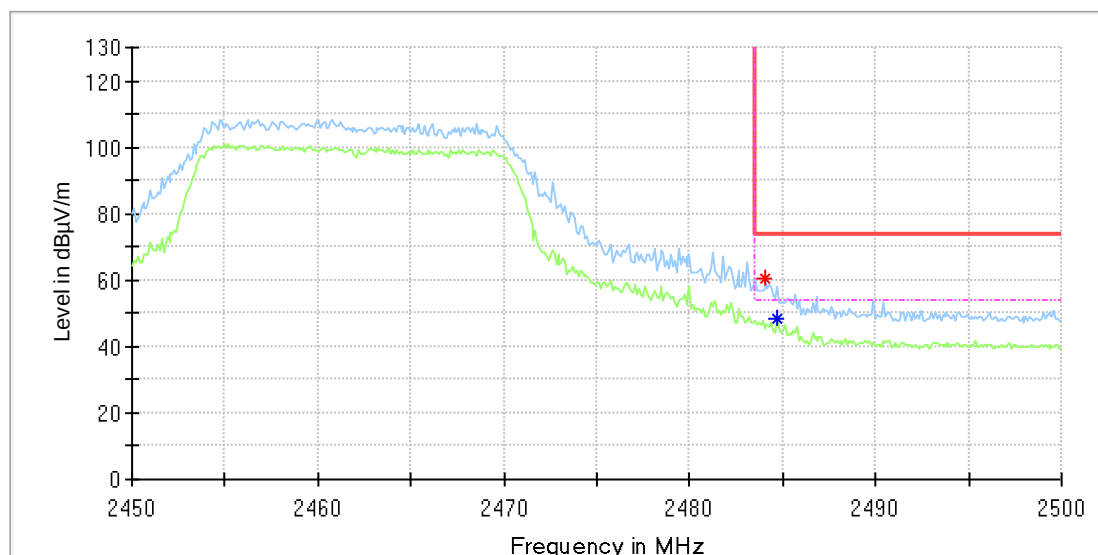
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2339.600000     | ---              | 39.93            | 54.00          | 14.07       | 100.0       | V   | 38.0          | 6.8          |
| 2387.300000     | 50.93            | ---              | 74.00          | 23.07       | 100.0       | V   | 334.0         | 7.0          |

## 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:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11g_Ch11       |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

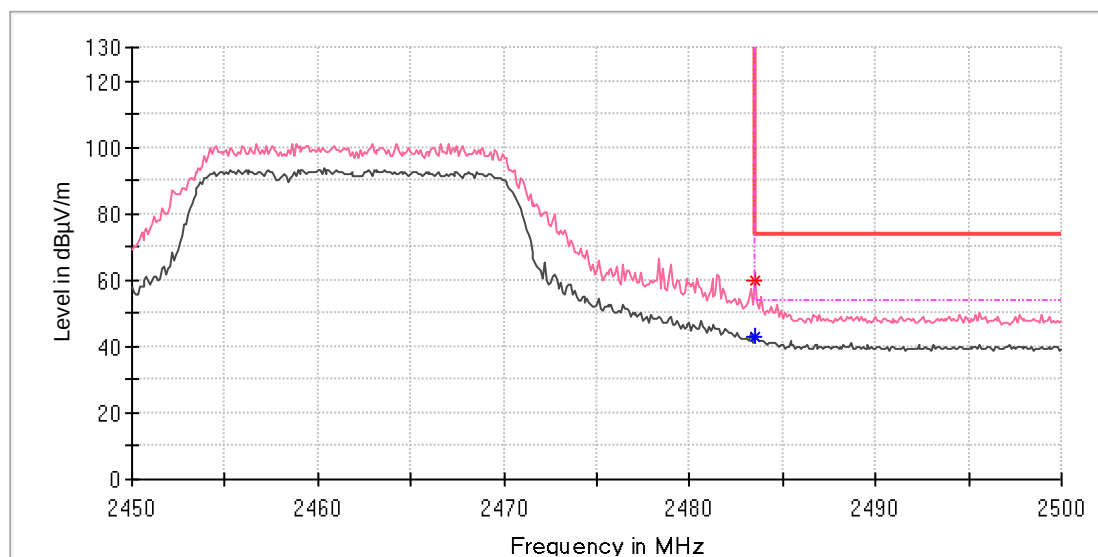
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.100000     | 60.41            | ---              | 74.00          | 13.59       | 100.0       | H   | 181.0         | 7.4          |
| 2484.700000     | ---              | 48.37            | 54.00          | 5.63        | 100.0       | H   | 119.0         | 7.4          |

## 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:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11g_Ch11       |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.500000     | ---              | 42.81            | 54.00          | 11.19       | 100.0       | V   | 253.0         | 7.4          |
| 2483.500000     | 59.86            | ---              | 74.00          | 14.14       | 100.0       | V   | 253.0         | 7.4          |

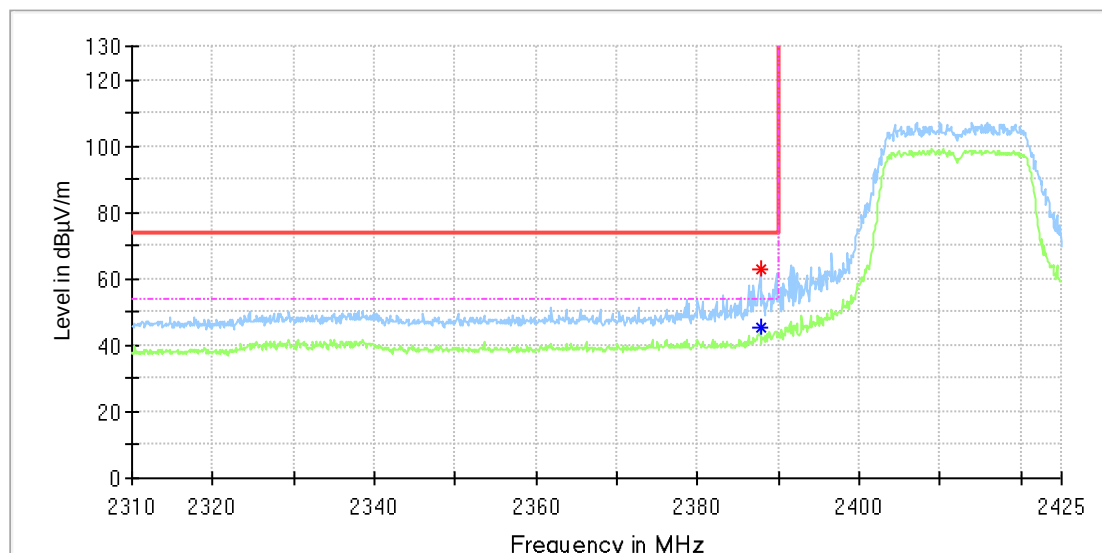
## Final\_Result

| 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, MCS0

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11n20_Ch1      |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical\_Freqs

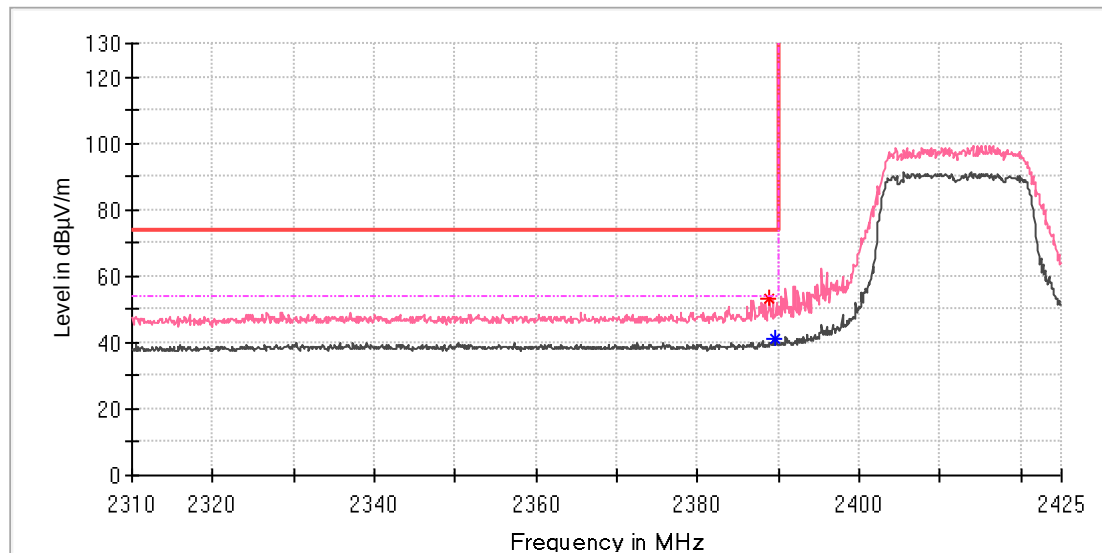
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2387.700000     | ---              | 45.12            | 54.00          | 8.88        | 100.0       | H   | 129.0         | 7.0          |
| 2387.700000     | 62.79            | ---              | 74.00          | 11.21       | 100.0       | H   | 129.0         | 7.0          |

### 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:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11n20_Ch1      |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

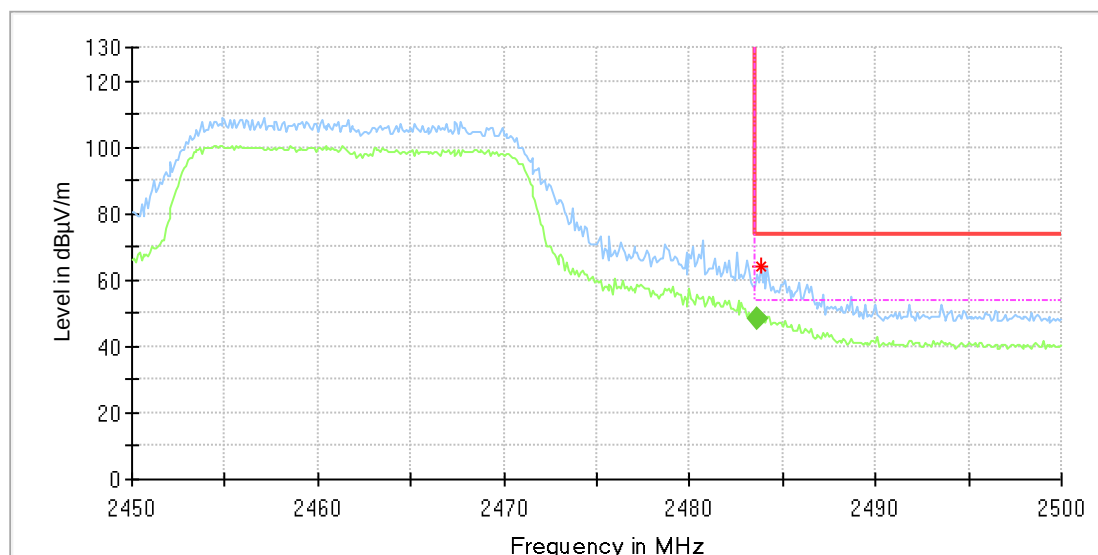
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.900000     | 53.23            | ---              | 74.00          | 20.77       | 100.0       | V   | 53.0          | 7.0          |
| 2389.600000     | ---              | 41.16            | 54.00          | 12.84       | 100.0       | V   | 44.0          | 7.0          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11n20\_Ch11  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

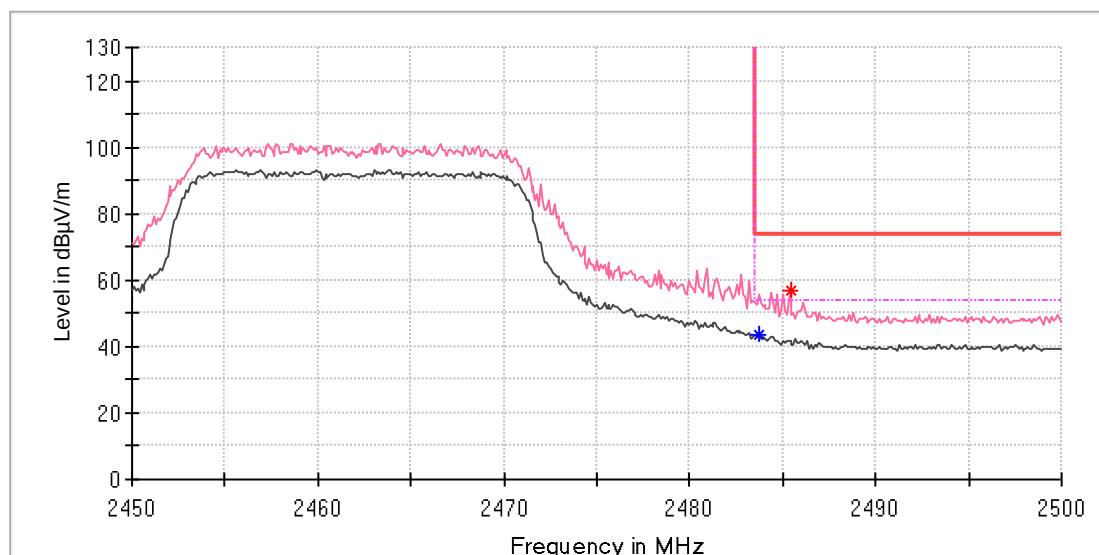
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.800000     | 64.23            | ---              | 74.00          | 9.77        | 100.0       | H   | 153.0         | 7.4          |

## Final\_Result

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.645250     | 48.11            | 54.00          | 5.89        | 100.0       | H   | 121.0         | 7.4          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11n20_Ch11     |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.700000     | ---              | 43.26            | 54.00          | 10.74       | 100.0       | V   | 339.0         | 7.4          |
| 2485.400000     | 56.57            | ---              | 74.00          | 17.43       | 100.0       | V   | 91.0          | 7.4          |

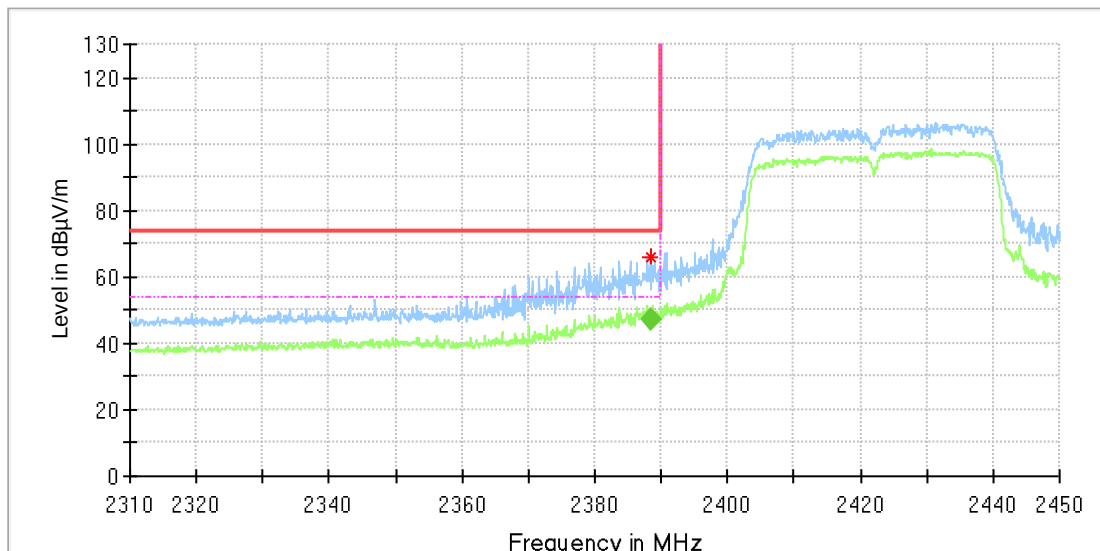
## Final\_Result

| 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, MCS0

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11n40_Ch3      |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical\_Freqs

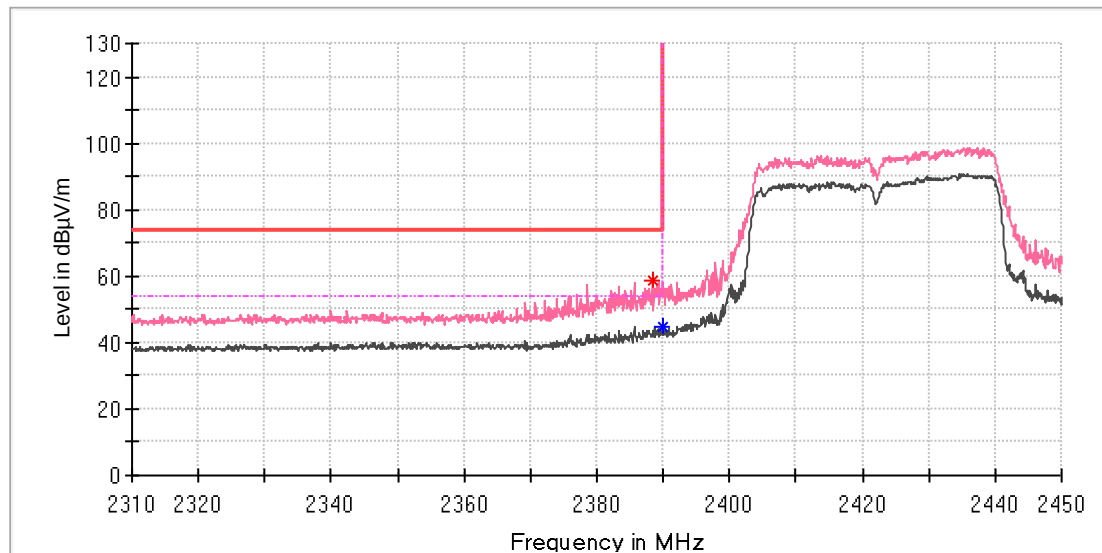
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.300000     | 66.05            | ---              | 74.00          | 7.95        | 100.0       | H   | 126.0         | 7.0          |

### Final\_Result

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.363750     | 47.05            | 54.00          | 6.95        | 100.0       | H   | 114.0         | 7.0          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Robotic Vacuum Cleaner   |
| Model:              | S80ULT                   |
| Test Mode:          | WIFI 2.4G_11n40_Ch3      |
| Order No/Sample No: | 168397761/A003371470-001 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

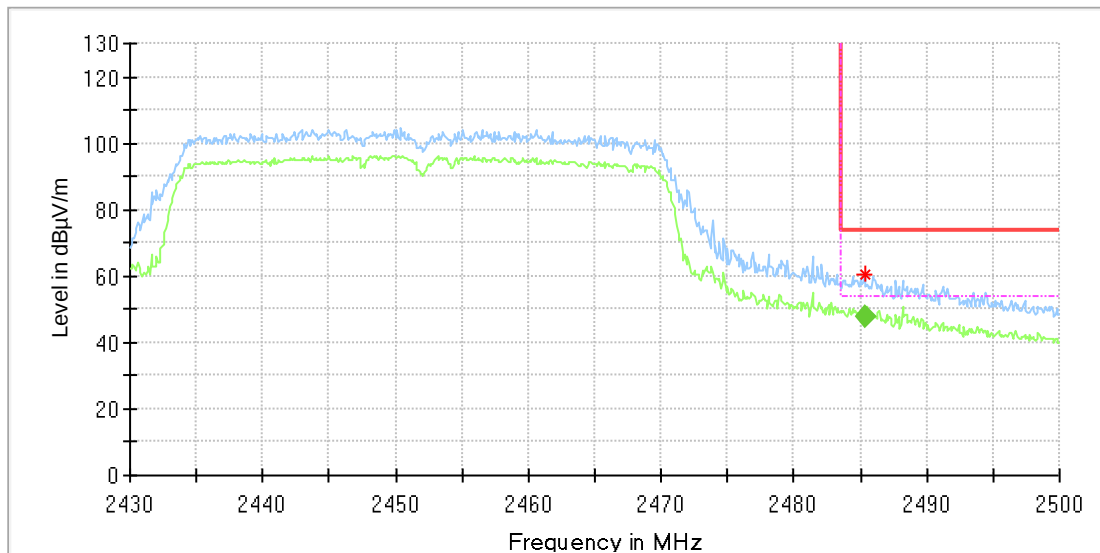
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.300000     | 58.41            | ---              | 74.00          | 15.59       | 100.0       | V   | 52.0          | 7.0          |
| 2389.900000     | ---              | 44.99            | 54.00          | 9.01        | 100.0       | V   | 52.0          | 7.0          |

## 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: S80ULT  
Test Mode: WIFI 2.4G\_11n40\_Ch9  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

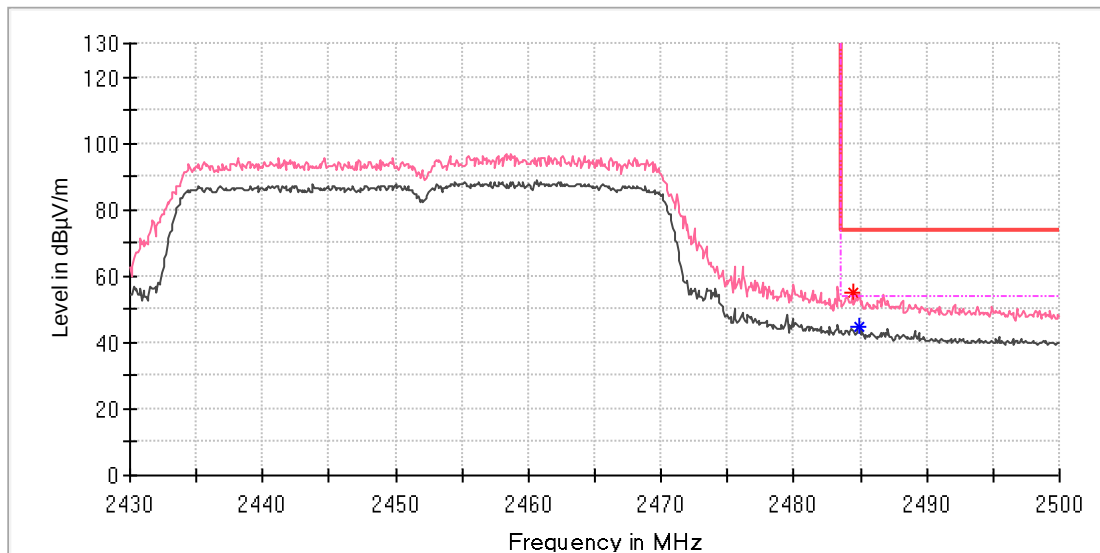
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.300000     | 60.59            | ---              | 74.00          | 13.41       | 100.0       | H   | 122.0         | 7.4          |

## Final\_Result

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.379750     | 47.54            | 54.00          | 6.46        | 100.0       | H   | 121.0         | 7.4          |

## EUT Information

EUT Name: Robotic Vacuum Cleaner  
Model: S80ULT  
Test Mode: WIFI 2.4G\_11n40\_Ch9  
Order No/Sample No: 168397761/A003371470-001  
Test Voltage: Battery  
Remark: Temp 23 Humi:58%  
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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.400000     | 54.73            | ---              | 74.00          | 19.27       | 100.0       | V   | 90.0          | 7.4          |
| 2484.900000     | ---              | 44.50            | 54.00          | 9.50        | 100.0       | V   | 250.0         | 7.4          |

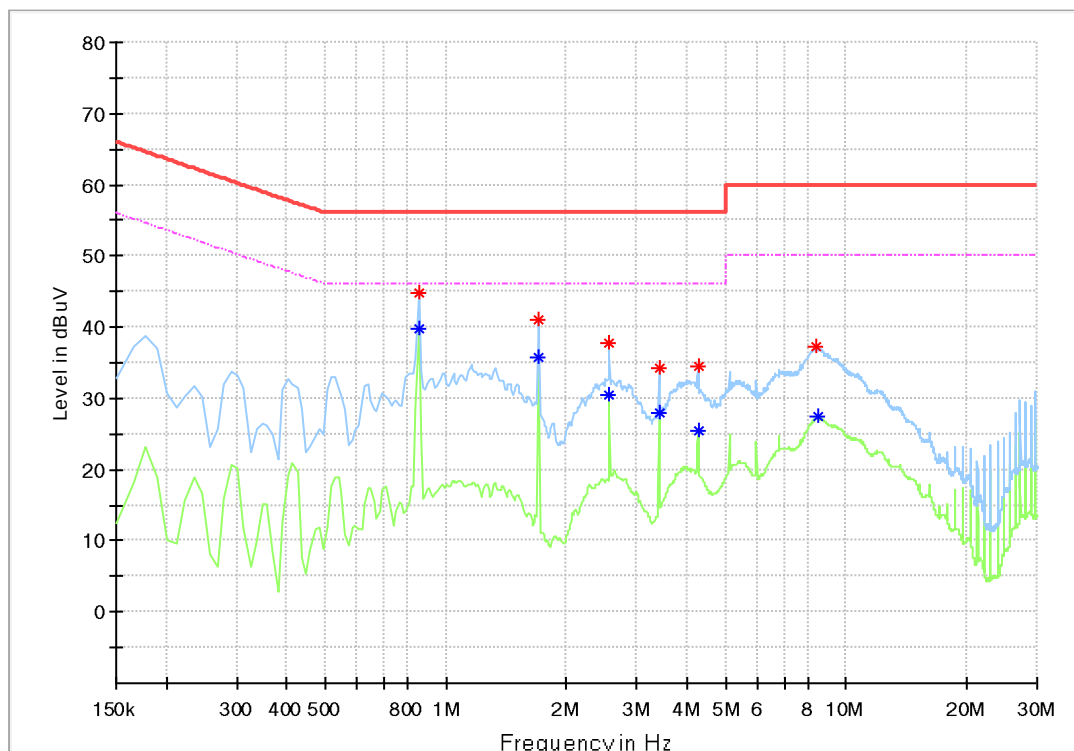
## Final\_Result

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

## Appendix B.7: Test Results of Conducted Emission

### Common Information

Test Description: Robotic Vacuum Cleaner  
Test Site: SR ANYU  
Test Standard: FCC Part 15  
Test Mode: Charging + WiFi Link  
Operator Name: ESR 3  
Comment:

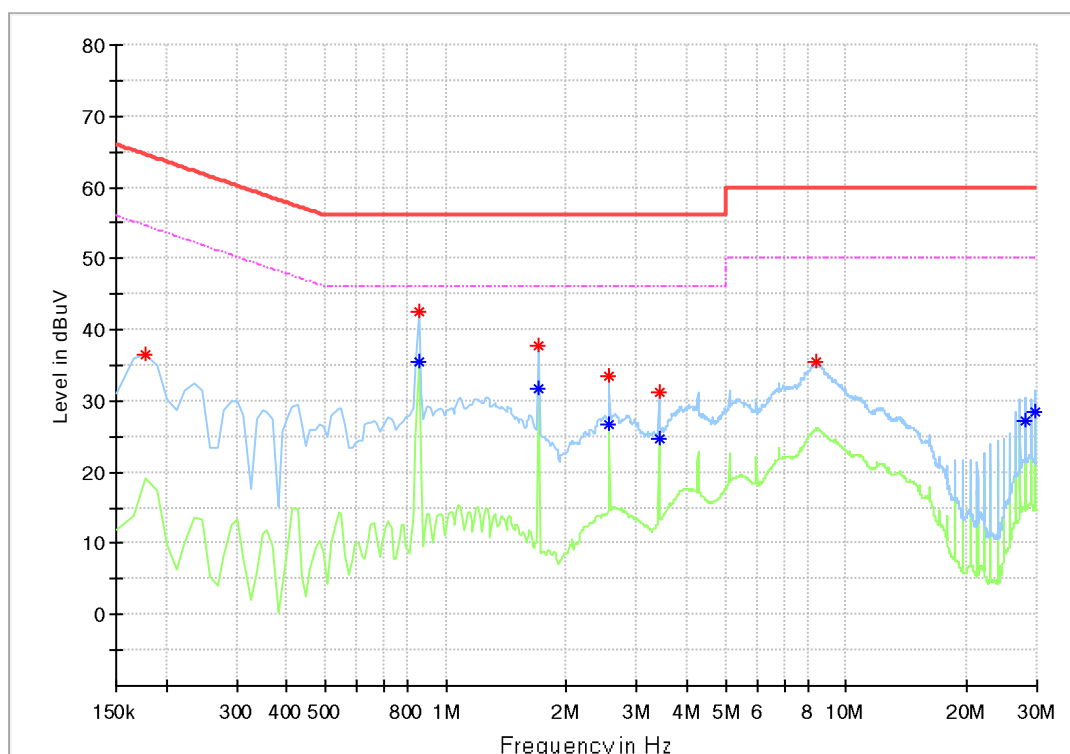


### Critical Freqs

| Frequency (MHz) | QuasiPeak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Line |
|-----------------|------------------|----------------|--------------|-------------|------|
| 0.853125        | 44.74            | ---            | 56.00        | 11.26       | L1   |
| 0.853125        | ---              | 39.66          | 46.00        | 6.34        | L1   |
| 1.708125        | 41.07            | ---            | 56.00        | 14.93       | L1   |
| 1.708125        | ---              | 35.69          | 46.00        | 10.31       | L1   |
| 2.551875        | 37.75            | ---            | 56.00        | 18.25       | L1   |
| 2.551875        | ---              | 30.53          | 46.00        | 15.47       | L1   |
| 3.406875        | ---              | 27.87          | 46.00        | 18.13       | L1   |
| 3.406875        | 34.28            | ---            | 56.00        | 21.72       | L1   |
| 4.261875        | ---              | 25.56          | 46.00        | 20.44       | L1   |
| 4.261875        | 34.42            | ---            | 56.00        | 21.58       | L1   |
| 8.379375        | 37.18            | ---            | 60.00        | 22.82       | L1   |
| 8.514375        | ---              | 27.41          | 50.00        | 22.59       | L1   |

## Common Information

|                   |                        |
|-------------------|------------------------|
| Test Description: | Robotic Vacuum Cleaner |
| Test Site:        | SR ANYU                |
| Test Standard:    | FCC Part 15            |
| Test Mode:        | Charging + WiFi Link   |
| Operator Name:    | ESR 3                  |
| Comment:          |                        |



## Critical Freqs

| Frequency (MHz) | QuasiPeak (dBuV) | Average (dBuV) | Limit (dBuV) | Margin (dB) | Line |
|-----------------|------------------|----------------|--------------|-------------|------|
| 0.178125        | 36.60            | ---            | 64.57        | 27.97       | N    |
| 0.853125        | 42.56            | ---            | 56.00        | 13.44       | N    |
| 0.853125        | ---              | 35.58          | 46.00        | 10.42       | N    |
| 1.708125        | 37.72            | ---            | 56.00        | 18.28       | N    |
| 1.708125        | ---              | 31.70          | 46.00        | 14.30       | N    |
| 2.551875        | ---              | 26.67          | 46.00        | 19.33       | N    |
| 2.551875        | 33.39            | ---            | 56.00        | 22.61       | N    |
| 3.406875        | ---              | 24.59          | 46.00        | 21.41       | N    |
| 3.406875        | 31.22            | ---            | 56.00        | 24.78       | N    |
| 8.390625        | 35.39            | ---            | 60.00        | 24.61       | N    |
| 28.100625       | ---              | 27.09          | 50.00        | 22.91       | N    |
| 29.799375       | ---              | 28.51          | 50.00        | 21.49       | N    |