

## Appendix A: Test Results of 5GHz Wi-Fi

|                                                                                  |           |
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## Appendix A.1: Test Results of Conducted Power Spectral Density

### Test Result

| TestMode   | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|----------------|------------------|----------------|---------|
| 11A        | Ant1    | 5180           | 5.55             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5200           | 5.43             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5240           | 5.16             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5745           | 4.52             | ≤30.00         | PASS    |
| 11A        | Ant1    | 5785           | 4.44             | ≤30.00         | PASS    |
| 11A        | Ant1    | 5825           | 3.55             | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5180           | 5.20             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5200           | 4.91             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5240           | 4.92             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5745           | 4.16             | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5785           | 4.55             | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5825           | 3.63             | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5190           | 2.58             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5230           | 2.02             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5755           | 1.62             | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5795           | 1.68             | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5180           | 5.04             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5200           | 5.17             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5240           | 4.95             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5745           | 4.28             | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5785           | 4.43             | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5825           | 3.60             | ≤30.00         | PASS    |
| 11AC40SISO | Ant1    | 5190           | 2.67             | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5230           | 2.31             | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5755           | 1.90             | ≤30.00         | PASS    |
| 11AC40SISO | Ant1    | 5795           | 1.95             | ≤30.00         | PASS    |
| 11AC80SISO | Ant1    | 5210           | 0.67             | ≤11.00         | PASS    |
| 11AC80SISO | Ant1    | 5775           | 0.11             | ≤30.00         | PASS    |

Note:1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

**Spectrum Analyzer 1**  
Sweep SA

**KEYSIGHT** Input: RF-  
R/L **Display OFF**  
Align: Auto

Input 2: 50 Ω  
Corr: C-0  
Freq Ref: Int (S)

Att: 30 dB

PNO: Fast  
Gate: Off  
IF Cam: Low  
Sig Track: Off

#Avg Type: Power (RMS)  
Avg Hold: 100/100  
Trig: Free Run

1 2 3 4 5 6  
A A A A A A A

**Center Frequency**  
5.18000000 GHz

Span  
40.000000 MHz

Sweep Span  
Zero Span

Full Span

Start Freq  
5.16000000 GHz

Stop Freq  
5.20000000 GHz

**AUTO TUNE**

CF Step  
4.000000 MHz

Auto  
Man

Freq Offset  
0 Hz

X-Axis Scale:  
Log  
Lin

**1 Spectrum**  
Scale/Div 10 dB  
Log

Ref Lvl Offset 20.57 dB  
Ref Level 20.00 dBm

**Mkr1 5.18484 GHz**  
**5.547 dBm**

Center 5.18000 GHz  
#Res BW 1.0 MHz

#Video BW 3.0 MHz

Span 40.00 MHz  
Sweep 1.00 ms (1001 pts)

Jun 04, 2025  
10:58:46 AM

Signal Track  
(Show/Track)

The screenshot displays a Spectrum Analyzer interface. At the top, the title bar reads "Spectrum Analyzer 1 - RF-Spectrum SA". Below this, the "KEYSIGHT" logo is visible, followed by a row of input and control parameters: "Input 2: 50.0", "Core C: 0.0", "Freq Ref: Int (S)", "PNO: Fast", "Gate: Off", "IF Gain: Low", "Sig Track: Off", "Avg Type: Power (RMS)", "Avg Hold: 100/100", "Trig: Free Run", and a frequency display showing "5.195 GHz" with a marker "Mkr1" and a value "5.427 dBm".

The main display area shows a spectrum plot with a yellow trace. The vertical axis is labeled "1 Spectrum" and "Scale/Div 10 dB". The horizontal axis is labeled "Center Frequency" and "Span". The plot shows a broad signal with a prominent peak at 5.195 GHz, marked by a green vertical line and labeled "Mkr1 5.195 12 GHz" and "5.427 dBm". The peak is also labeled "Ref Lvl Offset 20.66 dB" and "Ref Level 20.00 dBm".

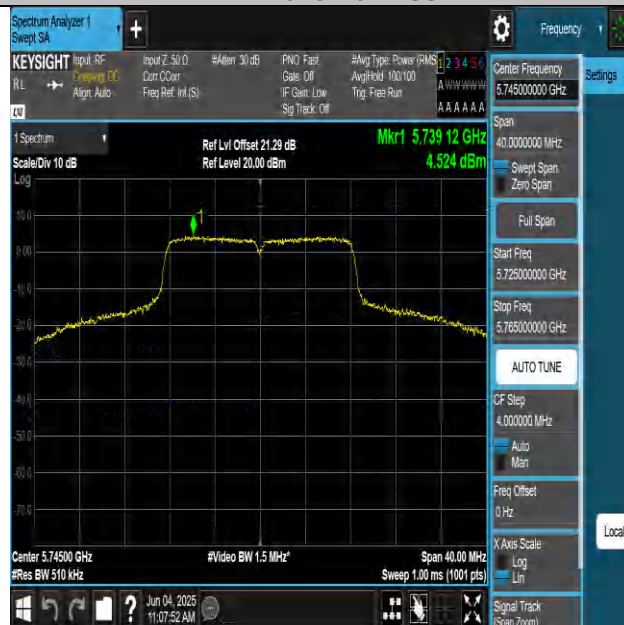
On the right side, there is a "Settings" panel with various controls: "Center Frequency" (5.200000000 GHz), "Span" (40.00000000 MHz), "Sweep Span" (Zero Span), "Full Span", "Start Freq" (5.180000000 GHz), "Stop Freq" (5.220000000 GHz), "AUTO TUNE", "CF Step" (4.0000000 MHz), "Auto" (selected), "Man", "Freq Offset" (0 Hz), "X-Axis Scale" (Log), and "Lin".

At the bottom, the status bar shows "Center 5.20000 GHz", "#Video BW 3.0 MHz", "Span 40.00 MHz", and "Sweep 1.00 ms (1001 pts)". The bottom left corner shows the Windows taskbar with the date "Jun 04, 2025" and time "11:03:24 AM".

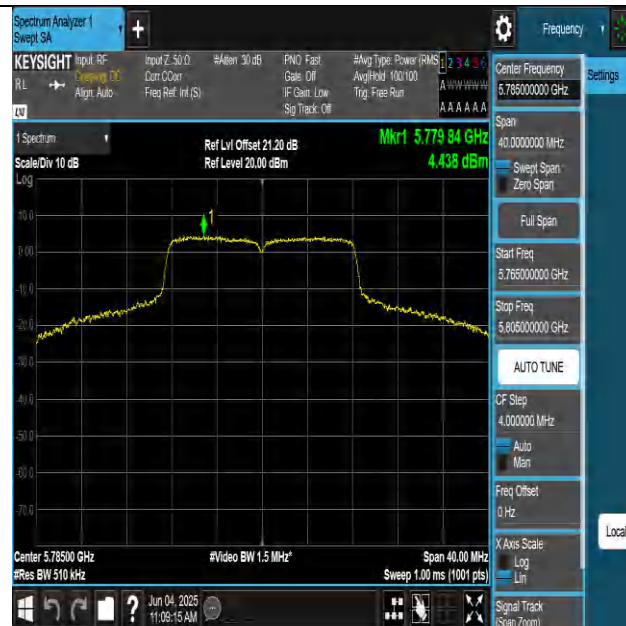
11A-Ant1-5200-PASS



11A-Ant1-5240-PASS



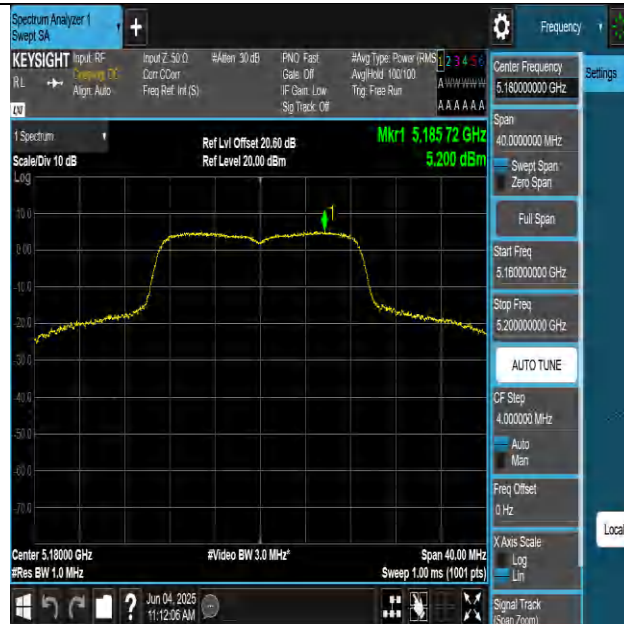
11A-Ant1-5745-PASS



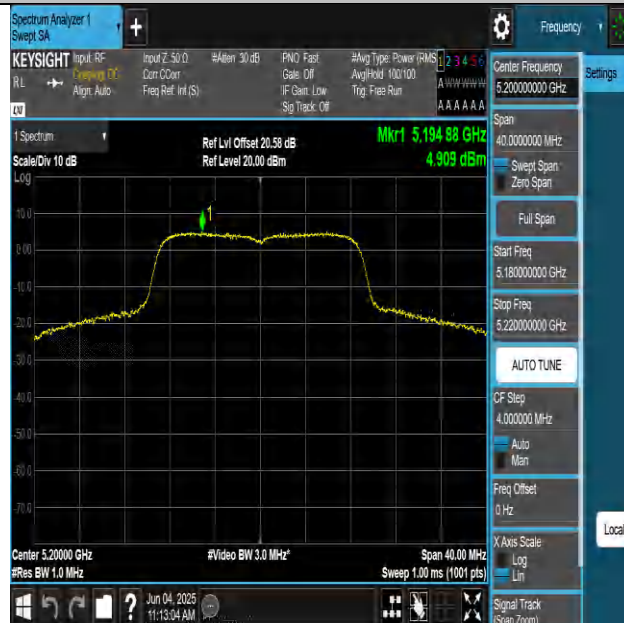
11A-Ant1-5785-PASS



11A-Ant1-5825-PASS

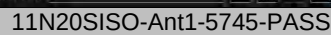
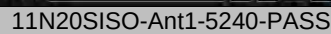


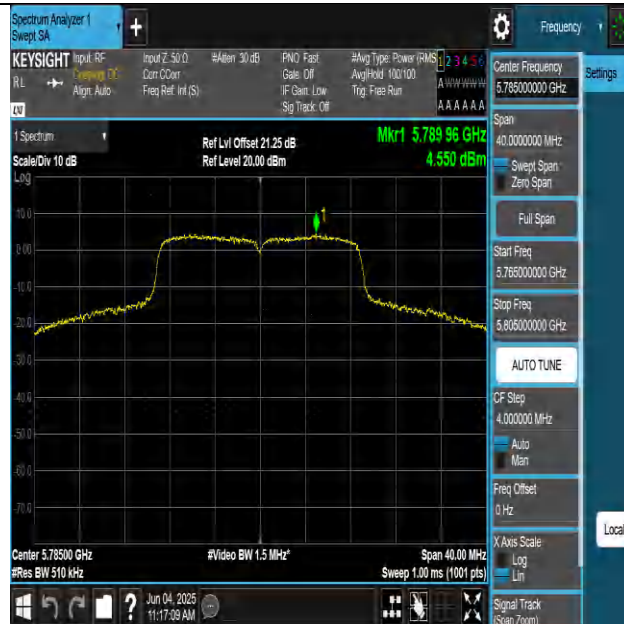
11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS





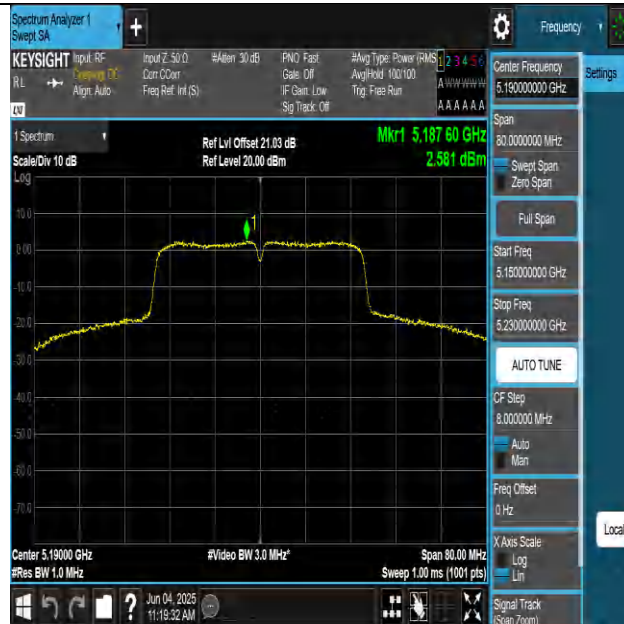


11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS





11N40SISO-Ant1-5190-PASS



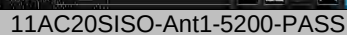
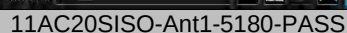
11N40SISO-Ant1-5230-PASS



11N40SISO-Ant1-5755-PASS

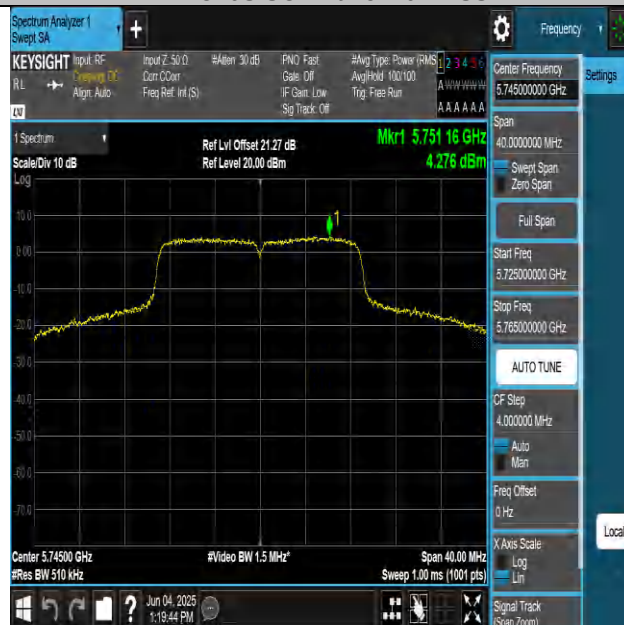


11N40SISO-Ant1-5795-PASS

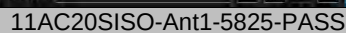
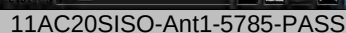




11AC20SISO-Ant1-5240-PASS



11AC20SISO-Ant1-5745-PASS





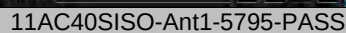
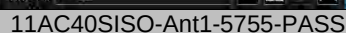


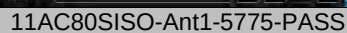
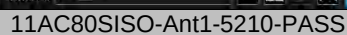
11AC40SISO-Ant1-5190-PASS



11AC40SISO-Ant1-5230-PASS







## Appendix A.2: Test Results of Frequency Stability

### Test Result

| TestMode   | Antenna | Frequency[MHz] | Voltage[Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|------------|---------|----------------|--------------|------------------|----------------|-----------------|-------------|---------|
| 11AC20SISO | Ant1    | 5180           | NV           | NT               | -54000.00      | -10.424710      | 20          | PASS    |
| 11AC20SISO | Ant1    | 5200           | NV           | NT               | -53000.00      | -10.192308      | 20          | PASS    |
| 11AC20SISO | Ant1    | 5240           | NV           | NT               | -53500.00      | -10.209924      | 20          | PASS    |
| 11AC20SISO | Ant1    | 5745           | NV           | NT               | -59000.00      | -10.269800      | 20          | PASS    |
| 11AC20SISO | Ant1    | 5785           | NV           | NT               | -57000.00      | -9.853068       | 20          | PASS    |
| 11AC20SISO | Ant1    | 5825           | NV           | NT               | -58000.00      | -9.957082       | 20          | PASS    |
| 11AC40SISO | Ant1    | 5190           | NV           | NT               | -51000.00      | -9.826590       | 20          | PASS    |
| 11AC40SISO | Ant1    | 5230           | NV           | NT               | -52000.00      | -9.942639       | 20          | PASS    |
| 11AC40SISO | Ant1    | 5755           | NV           | NT               | -57500.00      | -9.991312       | 20          | PASS    |
| 11AC40SISO | Ant1    | 5795           | NV           | NT               | -57000.00      | -9.836066       | 20          | PASS    |
| 11AC80SISO | Ant1    | 5210           | NV           | NT               | -50500.00      | -9.692898       | 20          | PASS    |
| 11AC80SISO | Ant1    | 5775           | NV           | NT               | -56500.00      | -9.783550       | 20          | PASS    |

### Appendix A.3: Test Results of 26dB Bandwidth

#### Test Result

| TestMode   | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180           | 19.880         | 5170.040 | 5189.920 | ---        | ---     |
| 11A        | Ant1    | 5200           | 20.680         | 5189.520 | 5210.200 | ---        | ---     |
| 11A        | Ant1    | 5240           | 20.400         | 5229.800 | 5250.200 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | 21.040         | 5169.280 | 5190.320 | ---        | ---     |
| 11N20SISO  | Ant1    | 5200           | 20.600         | 5189.560 | 5210.160 | ---        | ---     |
| 11N20SISO  | Ant1    | 5240           | 20.840         | 5229.400 | 5250.240 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | 41.040         | 5170.400 | 5211.440 | ---        | ---     |
| 11N40SISO  | Ant1    | 5230           | 41.440         | 5208.800 | 5250.240 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | 21.080         | 5169.280 | 5190.360 | ---        | ---     |
| 11AC20SISO | Ant1    | 5200           | 21.200         | 5189.320 | 5210.520 | ---        | ---     |
| 11AC20SISO | Ant1    | 5240           | 21.400         | 5229.200 | 5250.600 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 40.960         | 5169.440 | 5210.400 | ---        | ---     |
| 11AC40SISO | Ant1    | 5230           | 41.200         | 5209.200 | 5250.400 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 80.640         | 5169.360 | 5250.000 | ---        | ---     |

## Test Graphs



11A-Ant1-5180



11A-Ant1-5200



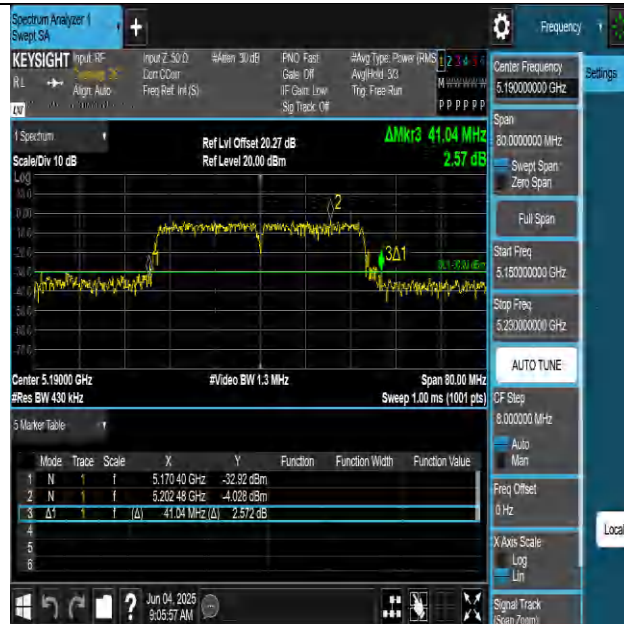
11A-Ant1-5240



11N20SISO-Ant1-5180







11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200



11AC20SISO-Ant1-5240



11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230



11AC80SISO-Ant1-5210



## Appendix A.4: Test Results of 99% Bandwidth

### Test Result

| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180           | 17.002    | 5171.4753 | 5188.4773 | ---        | ---     |
| 11A        | Ant1    | 5200           | 16.877    | 5191.4918 | 5208.3688 | ---        | ---     |
| 11A        | Ant1    | 5240           | 16.999    | 5231.4631 | 5248.4621 | ---        | ---     |
| 11A        | Ant1    | 5745           | 16.890    | 5736.5161 | 5753.4061 | ---        | ---     |
| 11A        | Ant1    | 5785           | 17.188    | 5776.3470 | 5793.5350 | ---        | ---     |
| 11A        | Ant1    | 5825           | 16.914    | 5816.5046 | 5833.4186 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | 17.904    | 5171.0121 | 5188.9161 | ---        | ---     |
| 11N20SISO  | Ant1    | 5200           | 17.927    | 5190.9850 | 5208.9120 | ---        | ---     |
| 11N20SISO  | Ant1    | 5240           | 17.922    | 5230.9773 | 5248.8993 | ---        | ---     |
| 11N20SISO  | Ant1    | 5745           | 17.958    | 5736.0492 | 5754.0072 | ---        | ---     |
| 11N20SISO  | Ant1    | 5785           | 17.842    | 5775.9977 | 5793.8397 | ---        | ---     |
| 11N20SISO  | Ant1    | 5825           | 17.918    | 5815.9718 | 5833.8898 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | 36.336    | 5171.8156 | 5208.1516 | ---        | ---     |
| 11N40SISO  | Ant1    | 5230           | 36.322    | 5211.7683 | 5248.0903 | ---        | ---     |
| 11N40SISO  | Ant1    | 5755           | 36.341    | 5736.8316 | 5773.1726 | ---        | ---     |
| 11N40SISO  | Ant1    | 5795           | 36.300    | 5776.8018 | 5813.1018 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | 18.016    | 5171.0091 | 5189.0251 | ---        | ---     |
| 11AC20SISO | Ant1    | 5200           | 17.899    | 5190.9783 | 5208.8773 | ---        | ---     |
| 11AC20SISO | Ant1    | 5240           | 17.936    | 5230.9930 | 5248.9290 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745           | 17.820    | 5736.0405 | 5753.8605 | ---        | ---     |
| 11AC20SISO | Ant1    | 5785           | 17.931    | 5775.9956 | 5793.9266 | ---        | ---     |
| 11AC20SISO | Ant1    | 5825           | 17.957    | 5815.9236 | 5833.8806 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 36.148    | 5171.9108 | 5208.0588 | ---        | ---     |
| 11AC40SISO | Ant1    | 5230           | 36.257    | 5211.8446 | 5248.1016 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755           | 36.325    | 5736.8307 | 5773.1557 | ---        | ---     |
| 11AC40SISO | Ant1    | 5795           | 36.363    | 5776.8211 | 5813.1841 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 75.864    | 5172.0348 | 5247.8988 | ---        | ---     |
| 11AC80SISO | Ant1    | 5775           | 75.868    | 5737.0980 | 5812.9660 | ---        | ---     |



Test Graphs



11A-Ant1-5180



11A-Ant1-5200



11A-Ant1-5240



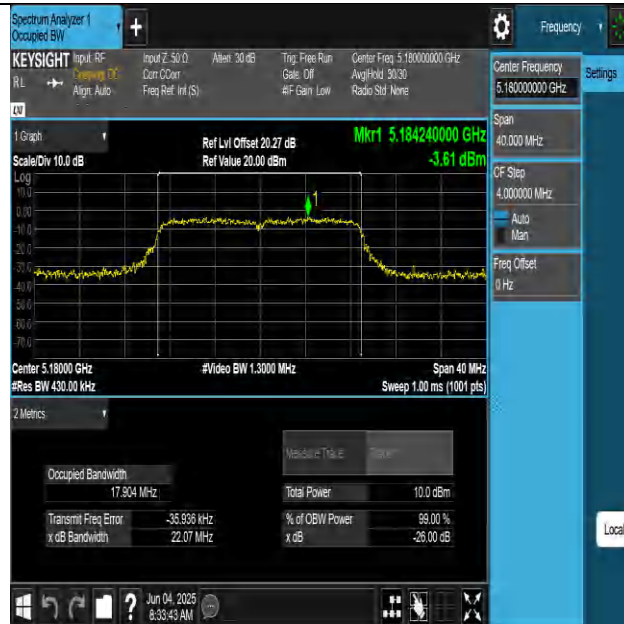
11A-Ant1-5745



11A-Ant1-5785



11A-Ant1-5825



11N20SISO-Ant1-5180



11N20SISO-Ant1-5200

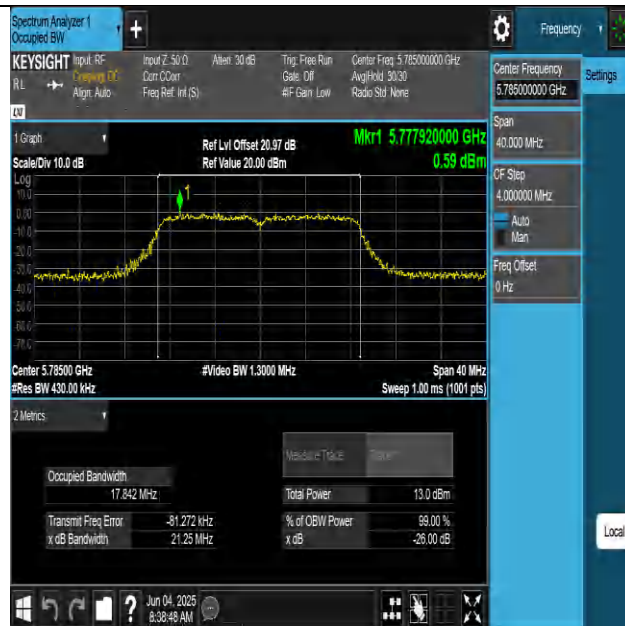


11N20SISO-Ant1-5240



11N20SISO-Ant1-5745





11N20SISO-Ant1-5785



11N20SISO-Ant1-5825





11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



11N40SISO-Ant1-5755



11N40SISO-Ant1-5795



11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200



11AC20SISO-Ant1-5240



11AC20SISO-Ant1-5745



11AC20SISO-Ant1-5785



11AC20SISO-Ant1-5825





11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230

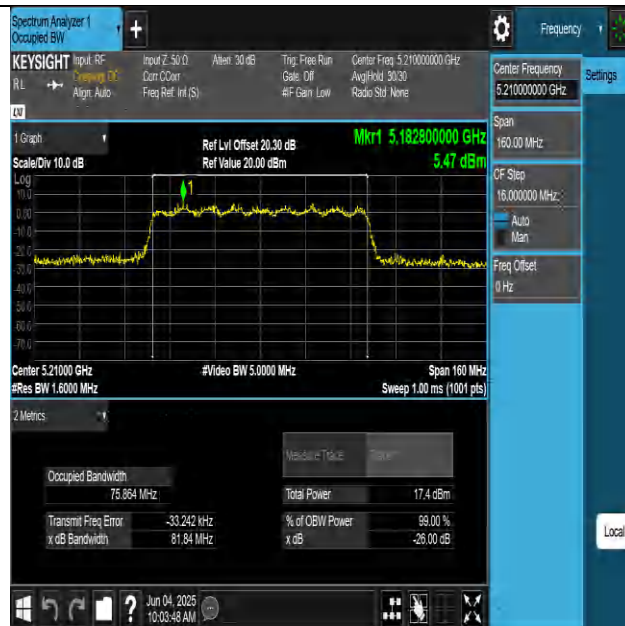




11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795



11AC80SISO-Ant1-5210



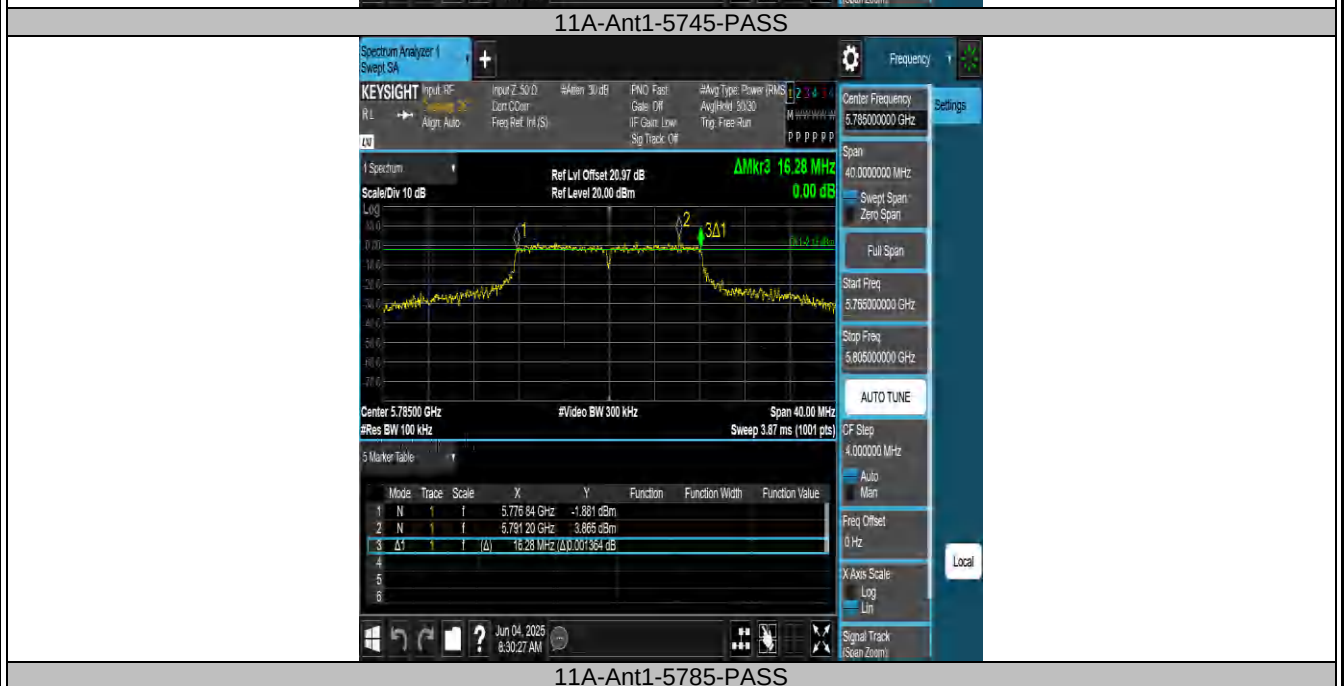
11AC80SISO-Ant1-5775

## Appendix A.5: Test Results of 6dB Bandwidth

### Test Result

| TestMode   | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745           | 16.320        | 5736.800 | 5753.120 | 0.5        | PASS    |
| 11A        | Ant1    | 5785           | 16.280        | 5776.840 | 5793.120 | 0.5        | PASS    |
| 11A        | Ant1    | 5825           | 16.320        | 5816.800 | 5833.120 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5745           | 16.560        | 5736.800 | 5753.360 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5785           | 16.000        | 5776.840 | 5792.840 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5825           | 17.280        | 5816.200 | 5833.480 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5755           | 34.160        | 5738.360 | 5772.520 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5795           | 34.640        | 5777.560 | 5812.200 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5745           | 17.040        | 5736.440 | 5753.480 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5785           | 16.840        | 5776.520 | 5793.360 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5825           | 16.720        | 5816.760 | 5833.480 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 34.400        | 5738.040 | 5772.440 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5795           | 34.480        | 5777.720 | 5812.200 | 0.5        | PASS    |
| 11AC80SISO | Ant1    | 5775           | 74.080        | 5738.360 | 5812.440 | 0.5        | PASS    |

## Test Graphs





11A-Ant1-5825-PASS



11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS





11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS



11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS

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

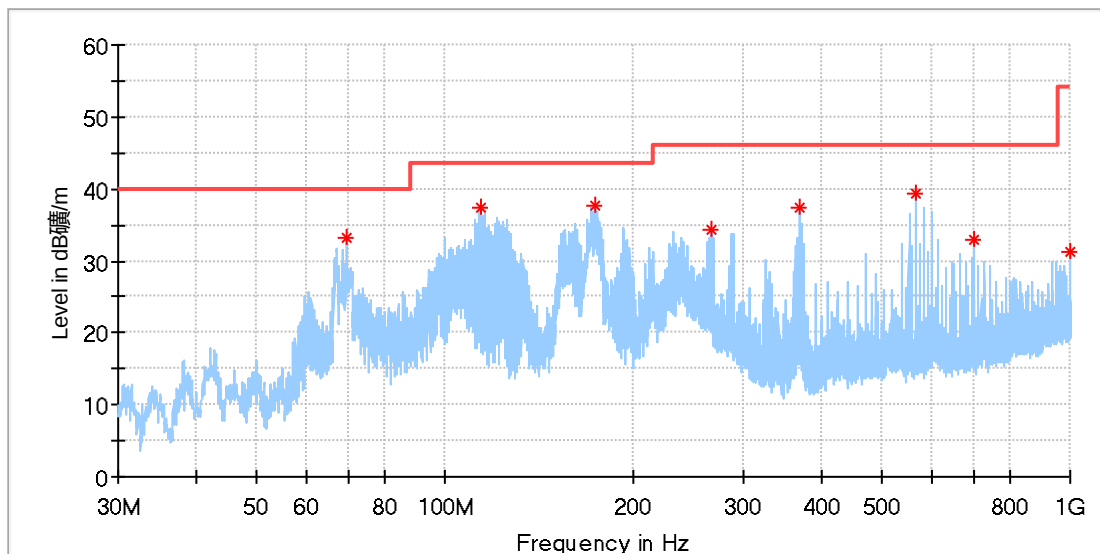
Note:

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

30MHz - 1GHz

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch40         |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

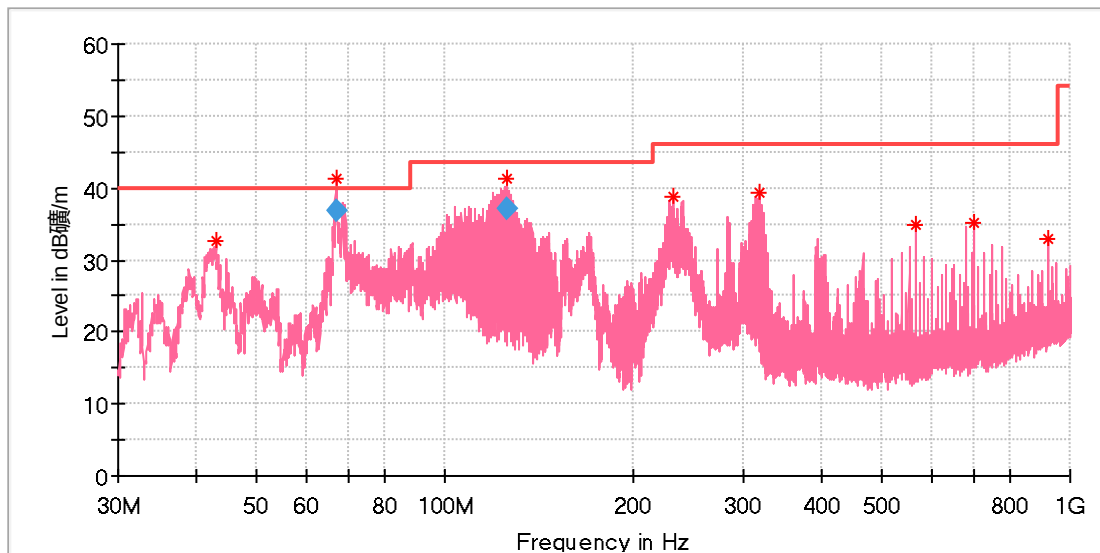
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 69.546154       | 33.15            | 40.00          | 6.85        | 100.0       | H   | 224.0         | -21.8        |
| 114.427308      | 37.28            | 43.50          | 6.22        | 100.0       | H   | 114.0         | -19.8        |
| 173.895769      | 37.56            | 43.50          | 5.94        | 100.0       | H   | 42.0          | -21.1        |
| 266.083077      | 34.41            | 46.00          | 11.59       | 100.0       | H   | 0.0           | -17.0        |
| 369.462692      | 37.42            | 46.00          | 8.58        | 100.0       | H   | 114.0         | -14.4        |
| 568.014231      | 39.28            | 46.00          | 6.72        | 100.0       | H   | 133.0         | -10.4        |
| 700.046154      | 33.01            | 46.00          | 12.99       | 100.0       | H   | 310.0         | -7.9         |
| 1000.000000     | 31.37            | 54.00          | 22.63       | 100.0       | H   | 321.0         | -3.4         |

### Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch40         |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 42.983077       | 32.59            | 40.00          | 7.41        | 100.0       | V   | 86.0          | -19.4        |
| 67.158462       | 41.38            | 40.00          | -1.38       | 100.0       | V   | 0.0           | -21.0        |
| 125.321154      | 41.32            | 43.50          | 2.18        | 100.0       | V   | 45.0          | -21.5        |
| 231.275000      | 38.66            | 46.00          | 7.34        | 100.0       | V   | 324.0         | -18.1        |
| 318.201923      | 39.27            | 46.00          | 6.73        | 100.0       | V   | 86.0          | -15.8        |
| 568.014231      | 34.80            | 46.00          | 11.20       | 100.0       | V   | 202.0         | -10.4        |
| 700.083462      | 35.14            | 46.00          | 10.86       | 100.0       | V   | 335.0         | -7.9         |
| 920.049615      | 32.81            | 46.00          | 13.19       | 100.0       | V   | 4.0           | -4.6         |

## Final\_Result

| Frequency (MHz) | QuasiPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 67.158462       | 36.81              | 40.00          | 3.19        | 100.0       | V   | 0.0           | -21.0        |
| 125.321154      | 37.10              | 43.50          | 6.40        | 100.0       | V   | 45.0          | -21.4        |



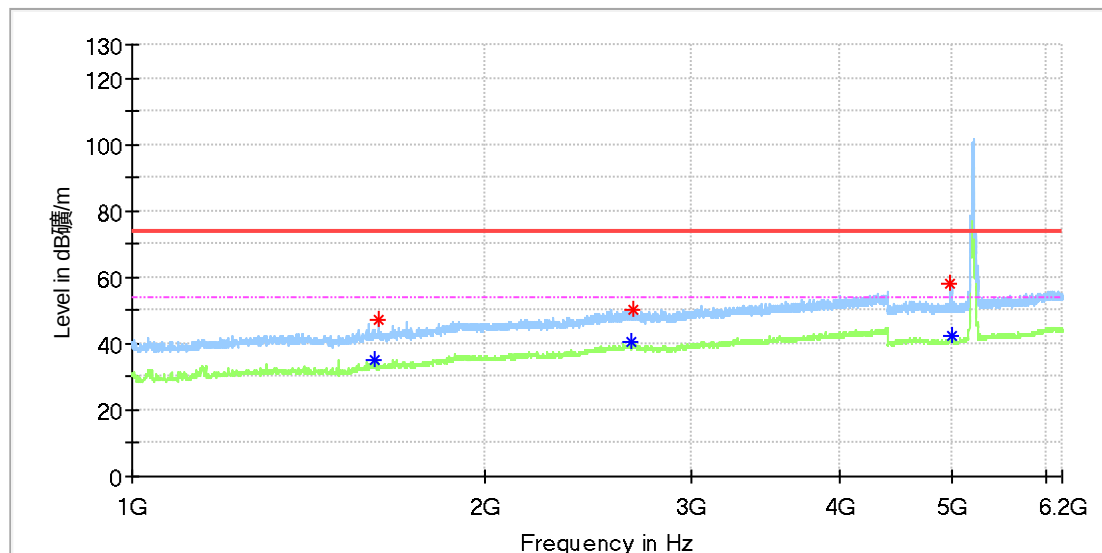
1GHz - 18GHz

Note: The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

**U-NII-1:**

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch40         |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

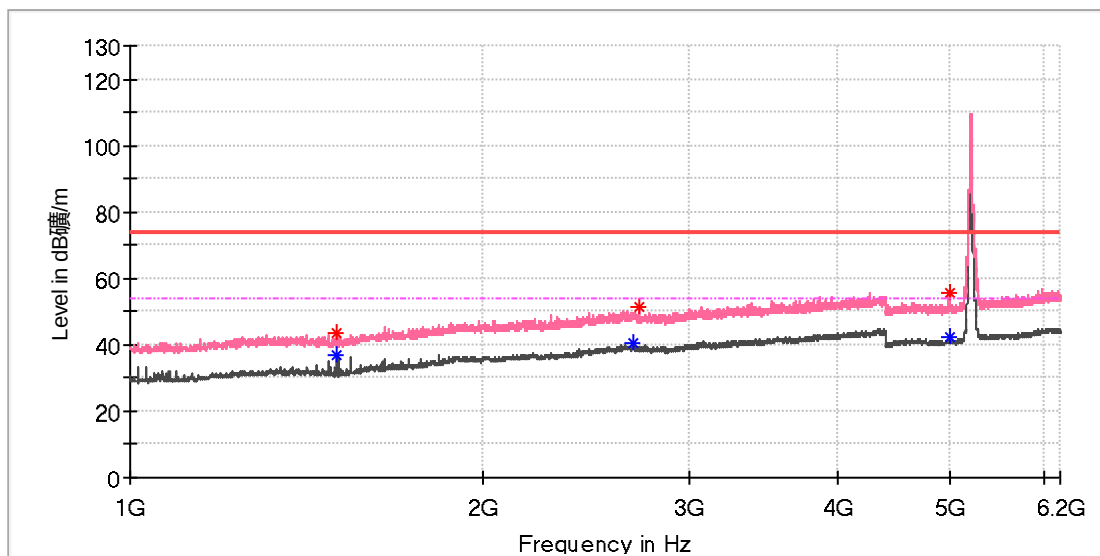
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1607.000000     | ---              | 35.34            | 54.00          | 18.66       | 150.0       | H   | 177.0         | 3.9          |
| 1620.500000     | 47.41            | ---              | 74.00          | 26.59       | 150.0       | H   | 115.0         | 4.1          |
| 2660.000000     | ---              | 40.52            | 54.00          | 13.48       | 150.0       | H   | 198.0         | 10.2         |
| 2674.500000     | 49.99            | ---              | 74.00          | 24.01       | 150.0       | H   | 342.0         | 10.2         |
| 4977.000000     | 58.32            | ---              | 74.00          | 15.68       | 150.0       | H   | 222.0         | 13.3         |
| 4996.500000     | ---              | 42.37            | 54.00          | 11.63       | 150.0       | H   | 222.0         | 13.3         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch40         |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1500.000000     | 43.54            | ---              | 74.00          | 30.46       | 150.0       | V   | 12.0          | 2.5          |
| 1500.000000     | ---              | 37.07            | 54.00          | 16.93       | 150.0       | V   | 12.0          | 2.5          |
| 2687.000000     | ---              | 40.29            | 54.00          | 13.71       | 150.0       | V   | 64.0          | 10.1         |
| 2718.500000     | 51.40            | ---              | 74.00          | 22.60       | 150.0       | V   | 261.0         | 9.9          |
| 4996.500000     | 55.89            | ---              | 74.00          | 18.11       | 150.0       | V   | 3.0           | 13.3         |
| 4996.500000     | ---              | 42.25            | 54.00          | 11.75       | 150.0       | V   | 3.0           | 13.3         |

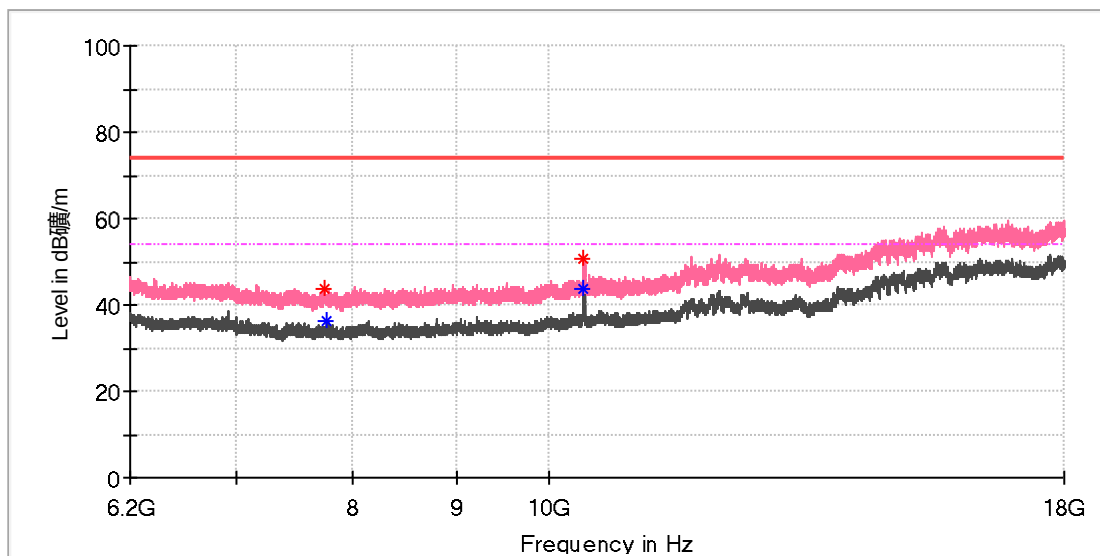
## Final\_Result

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



## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch40         |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

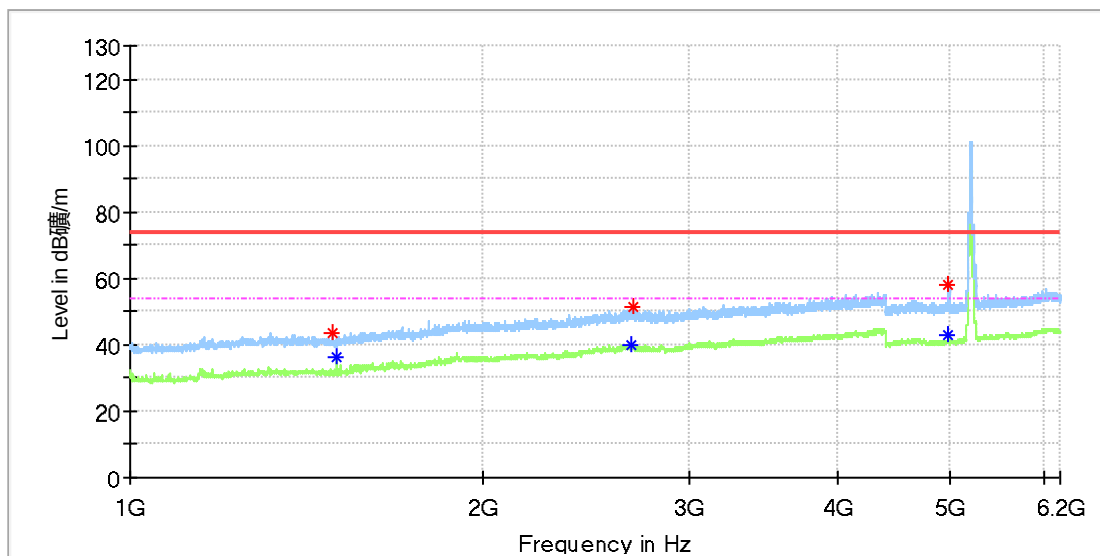
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7747.275000     | 43.66            | ---              | 74.00          | 30.34       | 150.0       | V   | 148.0         | 8.8          |
| 7759.566667     | ---              | 36.28            | 54.00          | 17.72       | 150.0       | V   | 69.0          | 8.8          |
| 10396.866667    | ---              | 43.54            | 54.00          | 10.46       | 150.0       | V   | 331.0         | 11.9         |
| 10401.291667    | 50.85            | ---              | 74.00          | 23.15       | 150.0       | V   | 343.0         | 11.9         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch40       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

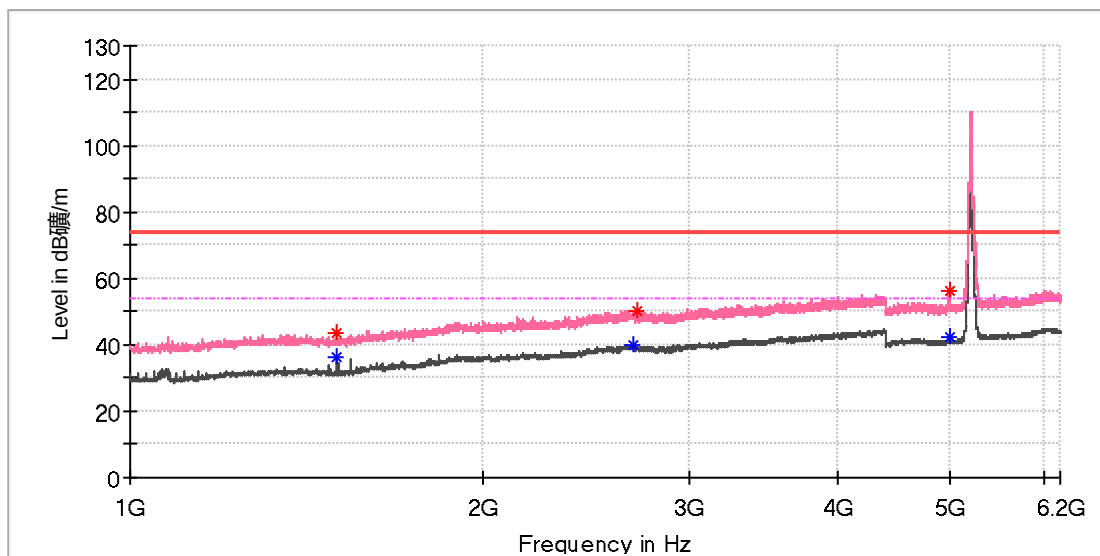
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1486.500000     | 43.64            | ---              | 74.00          | 30.36       | 150.0       | H   | 358.0         | 2.4          |
| 1500.000000     | ---              | 36.08            | 54.00          | 17.92       | 150.0       | H   | 102.0         | 2.5          |
| 2673.000000     | ---              | 39.87            | 54.00          | 14.13       | 150.0       | H   | 128.0         | 10.2         |
| 2682.000000     | 51.47            | ---              | 74.00          | 22.53       | 150.0       | H   | 354.0         | 10.1         |
| 4977.500000     | 58.26            | ---              | 74.00          | 15.74       | 150.0       | H   | 222.0         | 13.3         |
| 4977.500000     | ---              | 43.11            | 54.00          | 10.89       | 150.0       | H   | 222.0         | 13.3         |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch40       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1500.000000     | 43.45            | ---              | 74.00          | 30.55       | 150.0       | V   | 30.0          | 2.5          |
| 1500.000000     | ---              | 36.32            | 54.00          | 17.68       | 150.0       | V   | 30.0          | 2.5          |
| 2687.500000     | ---              | 39.77            | 54.00          | 14.23       | 150.0       | V   | 224.0         | 10.1         |
| 2703.500000     | 50.24            | ---              | 74.00          | 23.76       | 150.0       | V   | 359.0         | 9.9          |
| 4993.500000     | 56.19            | ---              | 74.00          | 17.81       | 150.0       | V   | 1.0           | 13.3         |
| 4995.500000     | ---              | 42.23            | 54.00          | 11.77       | 150.0       | V   | 1.0           | 13.3         |

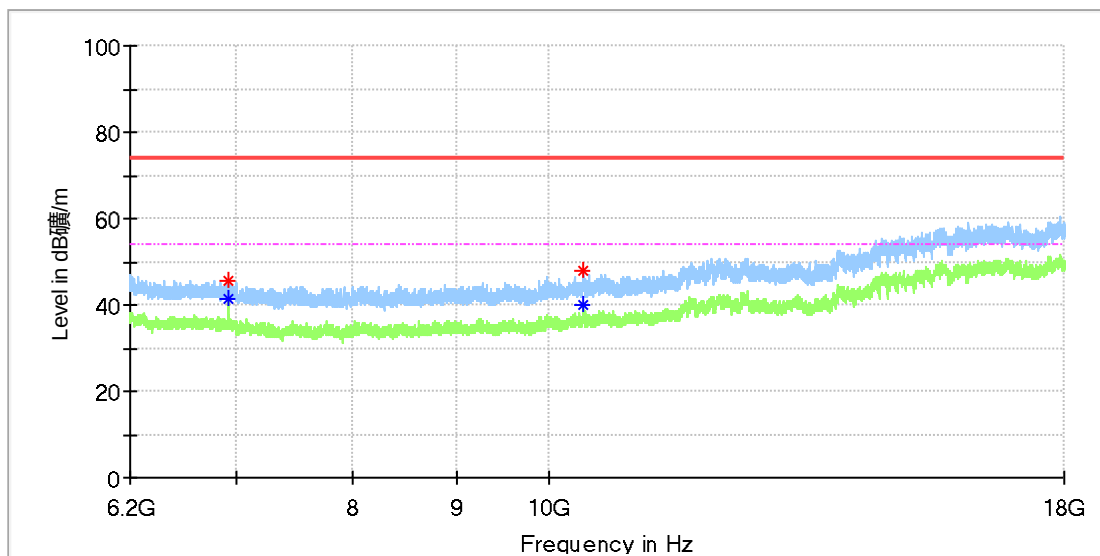
## Final\_Result

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



## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch40       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

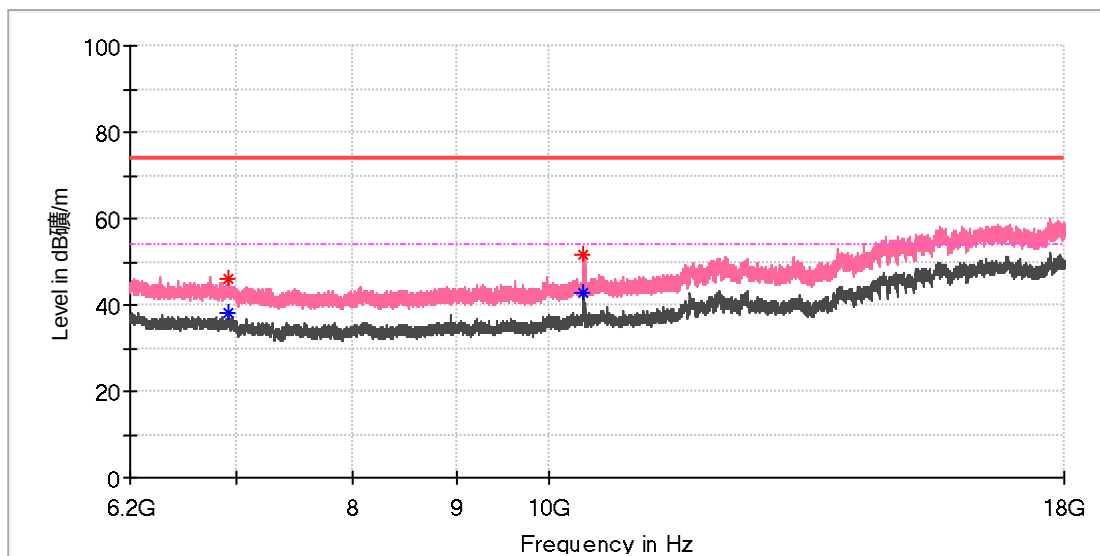
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 6933.075000     | 45.37            | ---              | 74.00          | 28.63       | 150.0       | H   | 32.0          | 8.6          |
| 6933.075000     | ---              | 41.44            | 54.00          | 12.56       | 150.0       | H   | 32.0          | 8.6          |
| 10399.325000    | 47.79            | ---              | 74.00          | 26.21       | 150.0       | H   | 154.0         | 11.9         |
| 10402.766667    | ---              | 40.20            | 54.00          | 13.80       | 150.0       | H   | 7.0           | 11.9         |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch40       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 6933.075000     | 45.89            | ---              | 74.00          | 28.11       | 150.0       | V   | 280.0         | 8.6          |
| 6933.075000     | ---              | 38.16            | 54.00          | 15.84       | 150.0       | V   | 280.0         | 8.6          |
| 10397.358333    | 51.65            | ---              | 74.00          | 22.35       | 150.0       | V   | 329.0         | 11.9         |
| 10397.358333    | ---              | 42.73            | 54.00          | 11.27       | 150.0       | V   | 329.0         | 11.9         |

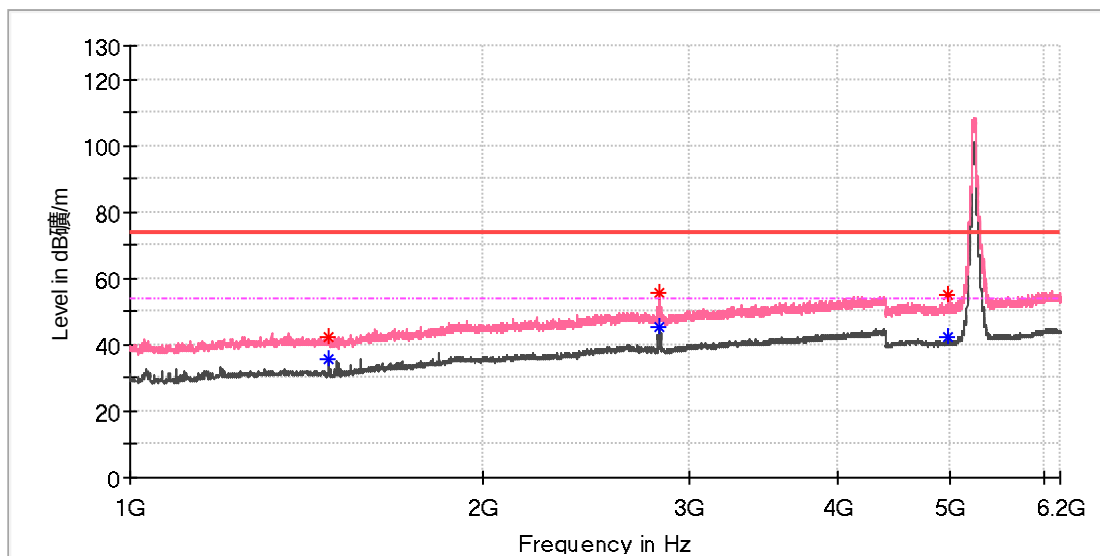
## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch46       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

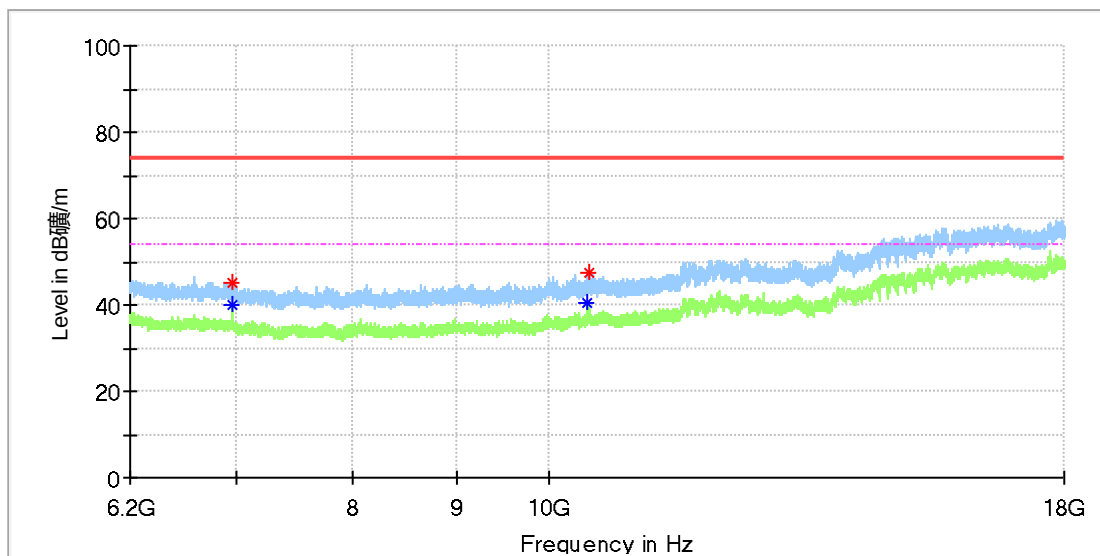
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1474.500000     | 42.58            | ---              | 74.00          | 31.42       | 150.0       | V   | 139.0         | 2.5          |
| 1474.500000     | ---              | 35.49            | 54.00          | 18.51       | 150.0       | V   | 139.0         | 2.5          |
| 2827.500000     | 55.64            | ---              | 74.00          | 18.36       | 150.0       | V   | 0.0           | 9.7          |
| 2827.500000     | ---              | 45.22            | 54.00          | 8.78        | 150.0       | V   | 0.0           | 9.7          |
| 4977.500000     | 55.14            | ---              | 74.00          | 18.86       | 150.0       | V   | 0.0           | 13.3         |
| 4982.000000     | ---              | 42.52            | 54.00          | 11.48       | 150.0       | V   | 3.0           | 13.3         |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch46       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

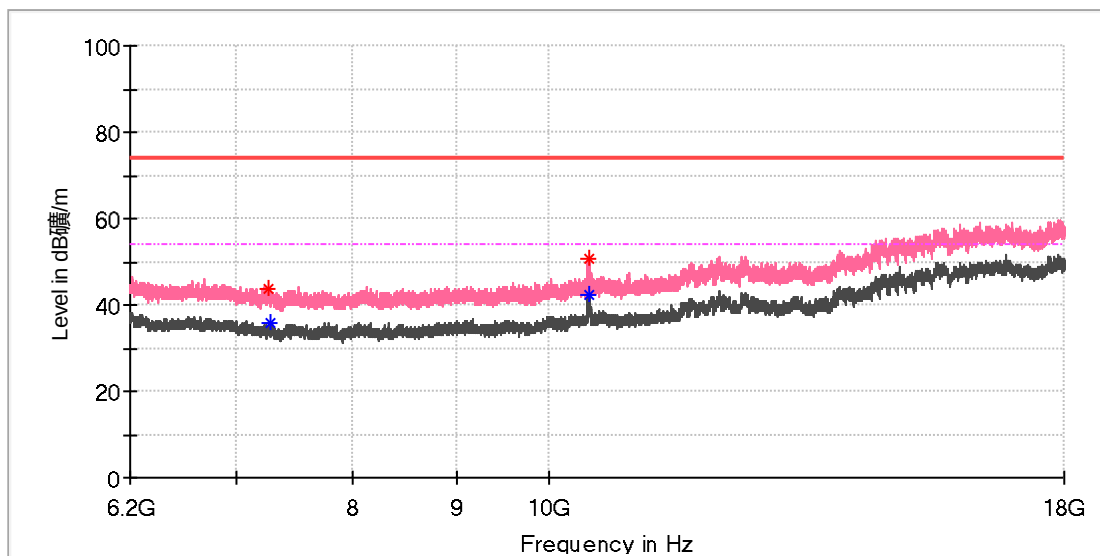
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 6972.900000     | 45.09            | ---              | 74.00          | 28.91       | 150.0       | H   | 313.0         | 8.6          |
| 6972.900000     | ---              | 39.87            | 54.00          | 14.13       | 150.0       | H   | 313.0         | 8.6          |
| 10453.900000    | ---              | 40.58            | 54.00          | 13.42       | 150.0       | H   | 352.0         | 12.0         |
| 10464.225000    | 47.49            | ---              | 74.00          | 26.51       | 150.0       | H   | 34.0          | 12.0         |

## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch46       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7267.900000        | 43.84               | ---                 | 74.00             | 30.16          | 150.0          | V   | 124.0            | 8.5             |
| 7282.158333        | ---                 | 36.03               | 54.00             | 17.97          | 150.0          | V   | 331.0            | 8.4             |
| 10462.750000       | ---                 | 42.32               | 54.00             | 11.68          | 150.0          | V   | 307.0            | 12.0            |
| 10465.208333       | 50.74               | ---                 | 74.00             | 23.26          | 150.0          | V   | 307.0            | 12.0            |

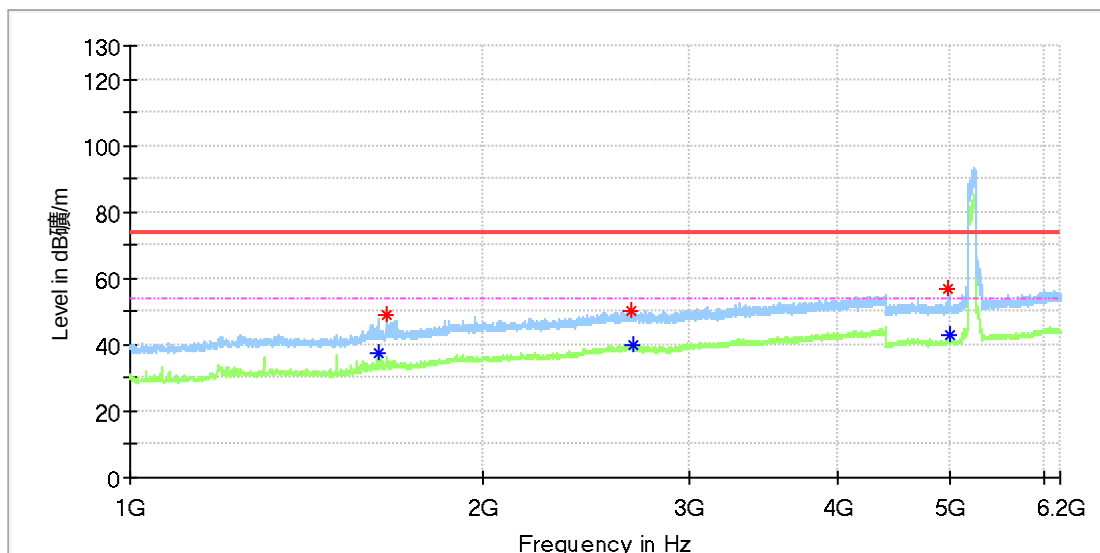
## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |



## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch42      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

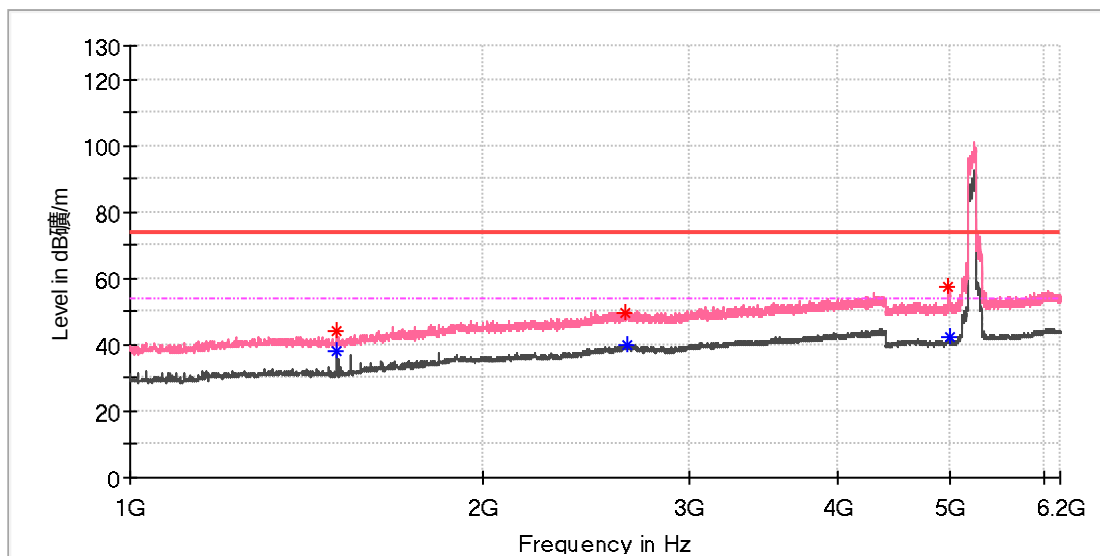
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 1625.500000        | ---                 | 37.41               | 54.00             | 16.59          | 150.0          | H   | 107.0            | 4.1             |
| 1653.500000        | 49.19               | ---                 | 74.00             | 24.81          | 150.0          | H   | 100.0            | 4.3             |
| 2670.500000        | 50.46               | ---                 | 74.00             | 23.54          | 150.0          | H   | 4.0              | 10.2            |
| 2681.500000        | ---                 | 39.65               | 54.00             | 14.35          | 150.0          | H   | 31.0             | 10.1            |
| 4978.500000        | 57.07               | ---                 | 74.00             | 16.93          | 150.0          | H   | 219.0            | 13.3            |
| 4998.000000        | ---                 | 42.80               | 54.00             | 11.20          | 150.0          | H   | 233.0            | 13.3            |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch42      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

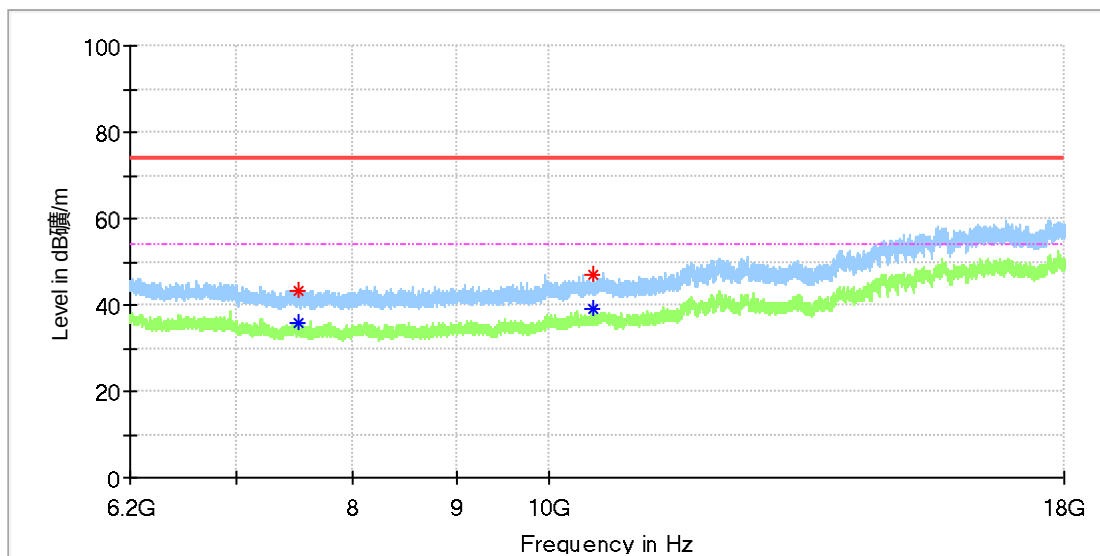
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1500.000000     | 43.87            | ---              | 74.00          | 30.13       | 150.0       | V   | 6.0           | 2.5          |
| 1500.000000     | ---              | 37.94            | 54.00          | 16.06       | 150.0       | V   | 6.0           | 2.5          |
| 2645.500000     | 49.73            | ---              | 74.00          | 24.27       | 150.0       | V   | 6.0           | 10.1         |
| 2656.000000     | ---              | 39.90            | 54.00          | 14.10       | 150.0       | V   | 306.0         | 10.2         |
| 4979.000000     | 57.35            | ---              | 74.00          | 16.65       | 150.0       | V   | 358.0         | 13.3         |
| 4995.500000     | ---              | 42.38            | 54.00          | 11.62       | 150.0       | V   | 22.0          | 13.3         |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch42      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7511.275000     | ---              | 36.01            | 54.00          | 17.99       | 150.0       | H   | 0.0           | 8.7          |
| 7512.750000     | 43.38            | ---              | 74.00          | 30.62       | 150.0       | H   | 244.0         | 8.7          |
| 10512.408333    | 46.90            | ---              | 74.00          | 27.10       | 150.0       | H   | 229.0         | 12.0         |
| 10512.408333    | ---              | 39.00            | 54.00          | 15.00       | 150.0       | H   | 229.0         | 12.0         |

## Final\_Result

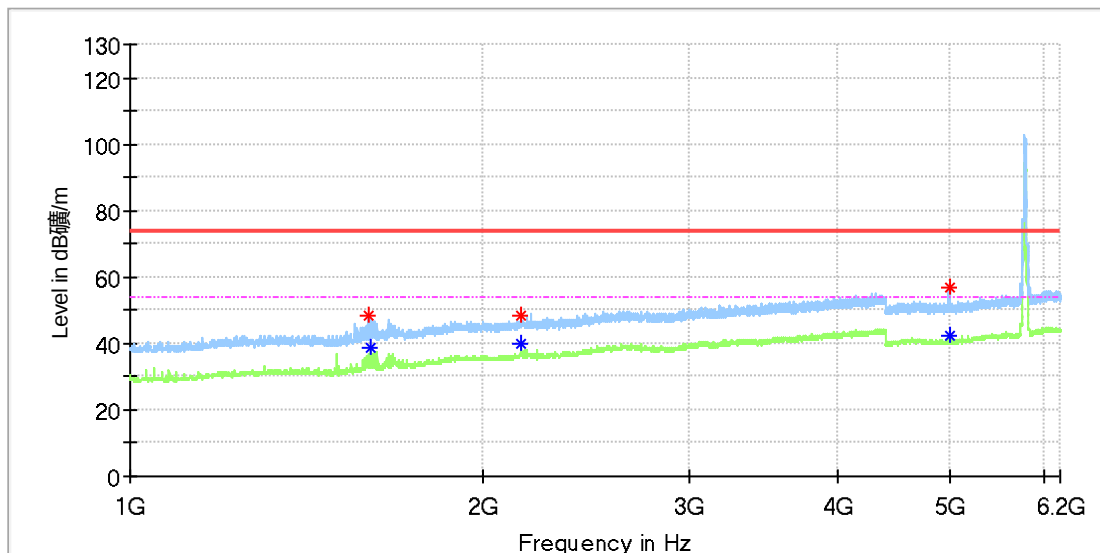
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 100.00             | 100.00              | 100.00              | 100.00            | 100.00         | 100.00         |     | 100.00           | 100.00          |

**U-NII-3:**

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch157      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

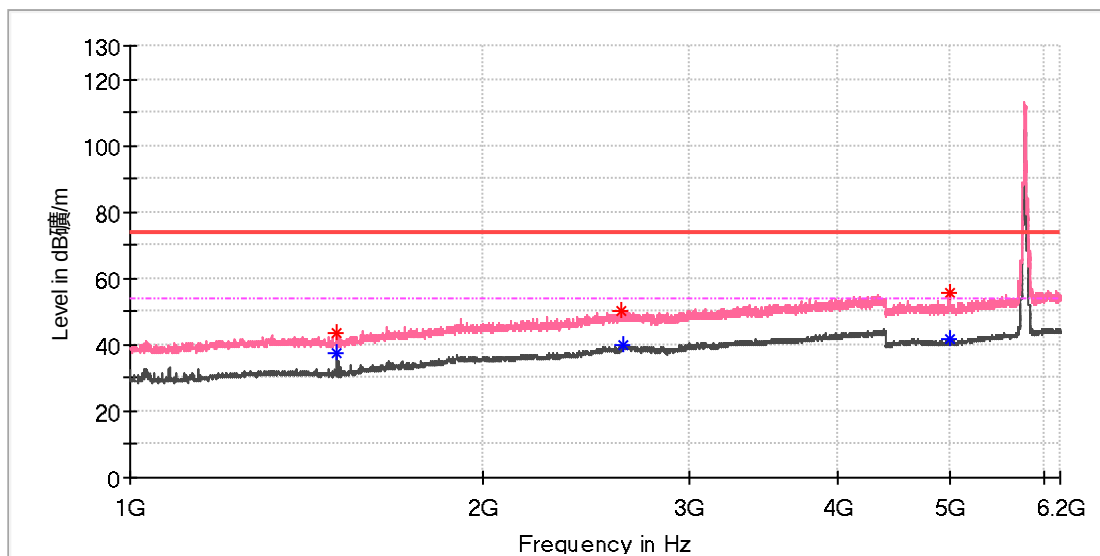
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 1596.000000        | 48.66               | ---                 | 74.00             | 25.34          | 150.0          | H   | 4.0              | 3.8             |
| 1602.000000        | ---                 | 38.95               | 54.00             | 15.05          | 150.0          | H   | 4.0              | 3.9             |
| 2154.000000        | 48.37               | ---                 | 74.00             | 25.63          | 150.0          | H   | 8.0              | 7.7             |
| 2154.000000        | ---                 | 39.77               | 54.00             | 14.23          | 150.0          | H   | 8.0              | 7.7             |
| 4988.500000        | ---                 | 42.61               | 54.00             | 11.39          | 150.0          | H   | 188.0            | 13.3            |
| 4997.000000        | 56.61               | ---                 | 74.00             | 17.39          | 150.0          | H   | 243.0            | 13.3            |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch157      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1499.500000     | 43.34            | ---              | 74.00          | 30.66       | 150.0       | V   | 0.0           | 2.5          |
| 1500.000000     | ---              | 37.45            | 54.00          | 16.55       | 150.0       | V   | 0.0           | 2.5          |
| 2618.000000     | 50.18            | ---              | 74.00          | 23.82       | 150.0       | V   | 19.0          | 9.8          |
| 2632.000000     | ---              | 39.66            | 54.00          | 14.34       | 150.0       | V   | 58.0          | 9.9          |
| 4990.000000     | ---              | 41.66            | 54.00          | 12.34       | 150.0       | V   | 356.0         | 13.3         |
| 5000.000000     | 55.67            | ---              | 74.00          | 18.33       | 150.0       | V   | 356.0         | 13.3         |

## Final Result

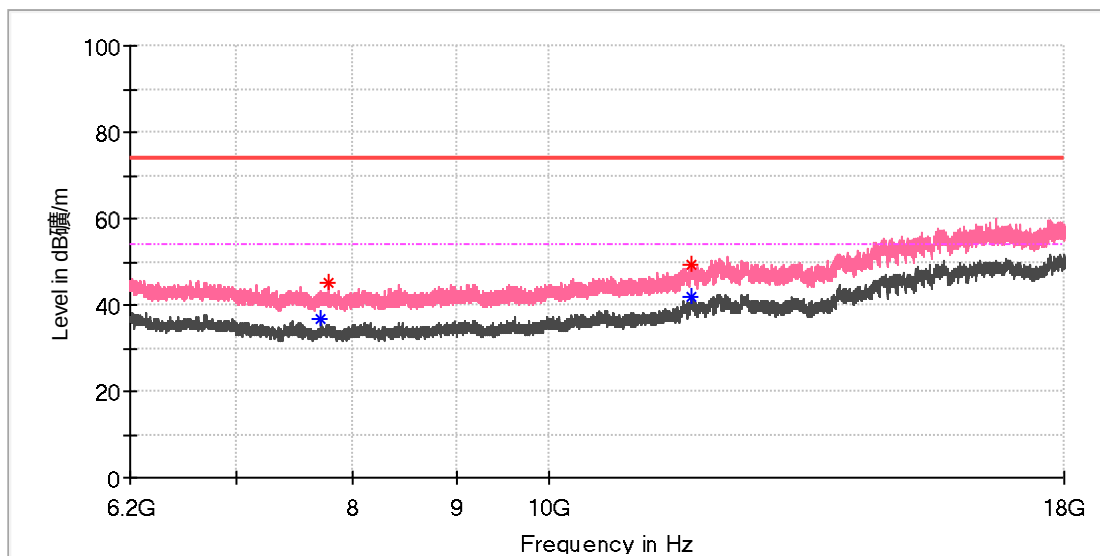
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|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



| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 100.0              | 100.0               | 100.0               | 100.0             | 100.0          | 100.0          |     | 100.0            |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch157      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

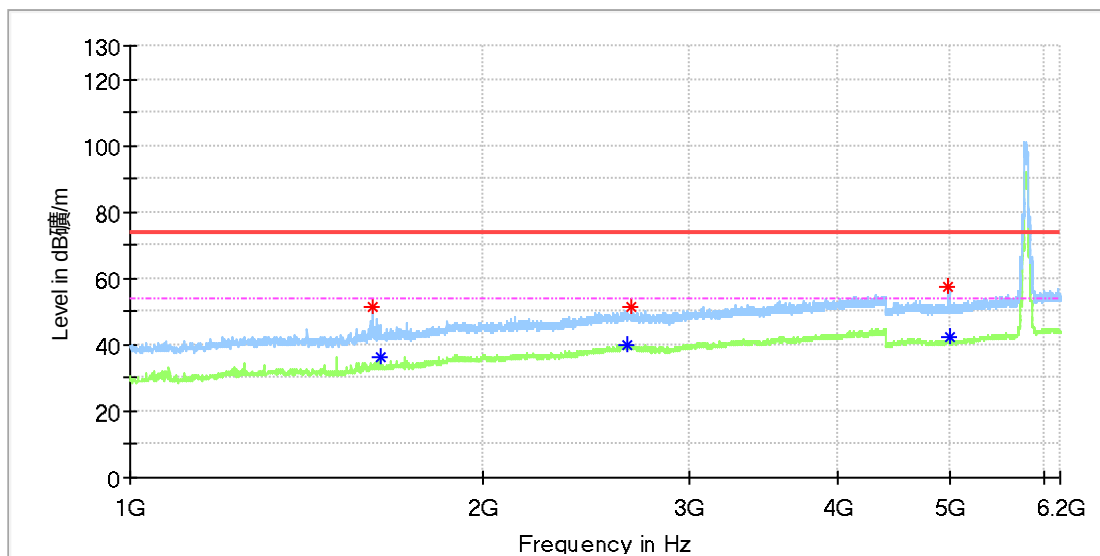
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7712.858333        | ---                 | 36.56               | 54.00             | 17.44          | 150.0          | V   | 335.0            | 8.7             |
| 7777.758333        | 44.92               | ---                 | 74.00             | 29.08          | 150.0          | V   | 225.0            | 8.9             |
| 11752.391667       | 49.48               | ---                 | 74.00             | 24.52          | 150.0          | V   | 86.0             | 15.5            |
| 11756.325000       | ---                 | 41.76               | 54.00             | 12.24          | 150.0          | V   | 301.0            | 15.4            |

## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch159      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

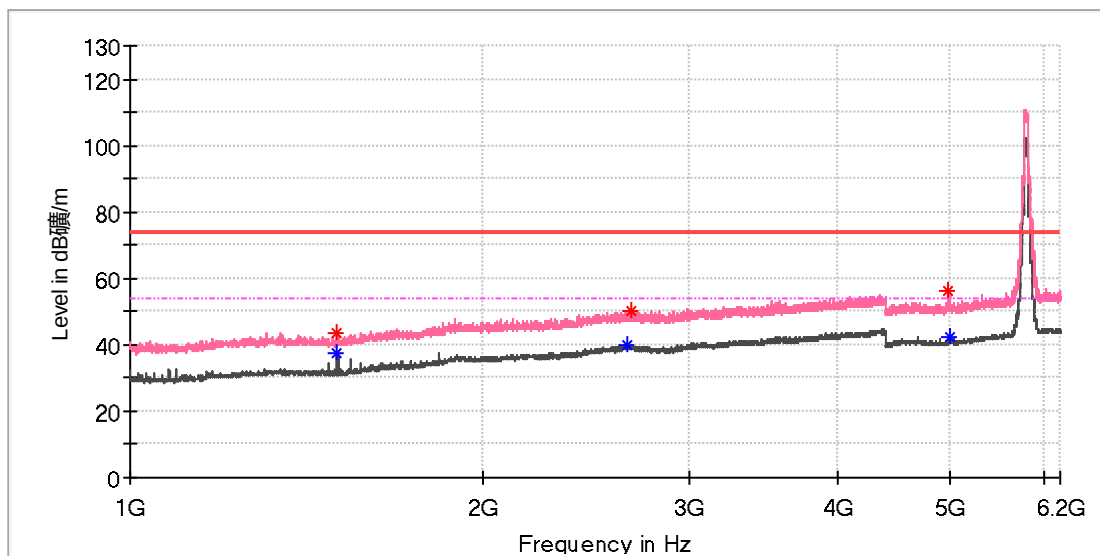
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 1608.000000        | 51.38               | ---                 | 74.00             | 22.62          | 150.0          | H   | 6.0              | 3.9             |
| 1633.500000        | ---                 | 36.41               | 54.00             | 17.59          | 150.0          | H   | 6.0              | 4.2             |
| 2649.000000        | ---                 | 40.16               | 54.00             | 13.84          | 150.0          | H   | 64.0             | 10.1            |
| 2670.500000        | 51.18               | ---                 | 74.00             | 22.82          | 150.0          | H   | 18.0             | 10.2            |
| 4977.000000        | 57.30               | ---                 | 74.00             | 16.70          | 150.0          | H   | 0.0              | 13.3            |
| 4994.000000        | ---                 | 42.50               | 54.00             | 11.50          | 150.0          | H   | 215.0            | 13.3            |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch159      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

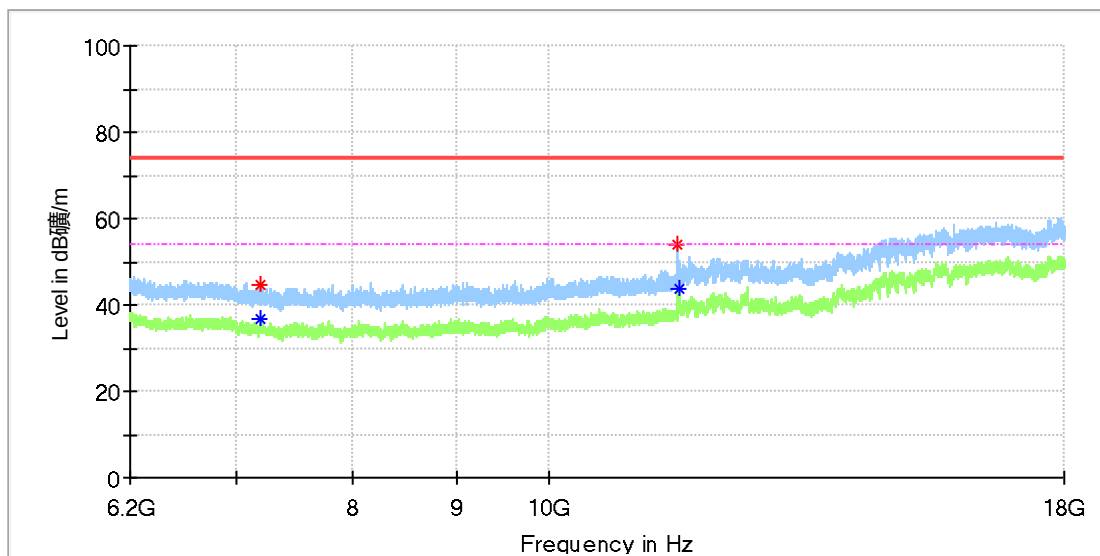
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1499.500000     | 43.26            | ---              | 74.00          | 30.74       | 150.0       | V   | 6.0           | 2.5          |
| 1500.000000     | ---              | 37.45            | 54.00          | 16.55       | 150.0       | V   | 53.0          | 2.5          |
| 2655.500000     | ---              | 40.14            | 54.00          | 13.86       | 150.0       | V   | 17.0          | 10.2         |
| 2673.500000     | 50.07            | ---              | 74.00          | 23.93       | 150.0       | V   | 0.0           | 10.2         |
| 4978.000000     | 56.11            | ---              | 74.00          | 17.89       | 150.0       | V   | 214.0         | 13.3         |
| 4993.000000     | ---              | 42.22            | 54.00          | 11.78       | 150.0       | V   | 359.0         | 13.3         |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch159      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

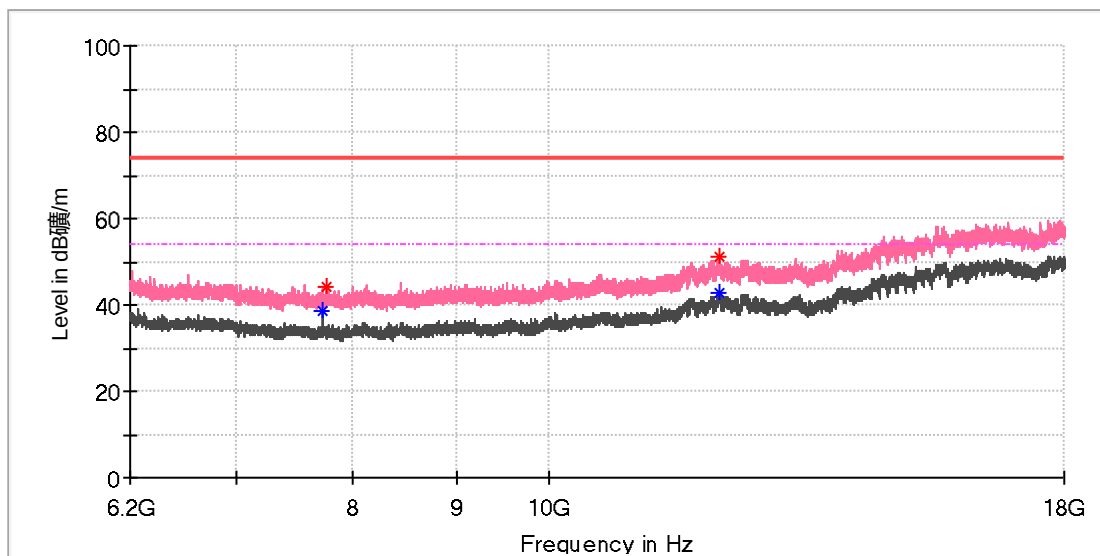
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7197.591667        | ---                 | 36.87               | 54.00             | 17.13          | 150.0          | H   | 0.0              | 8.8             |
| 7199.066667        | 44.61               | ---                 | 74.00             | 29.39          | 150.0          | H   | 95.0             | 8.8             |
| 11588.175000       | 54.03               | ---                 | 74.00             | 19.97          | 150.0          | H   | 307.0            | 13.3            |
| 11590.633333       | ---                 | 43.92               | 54.00             | 10.08          | 150.0          | H   | 307.0            | 13.3            |

## Final Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch159      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

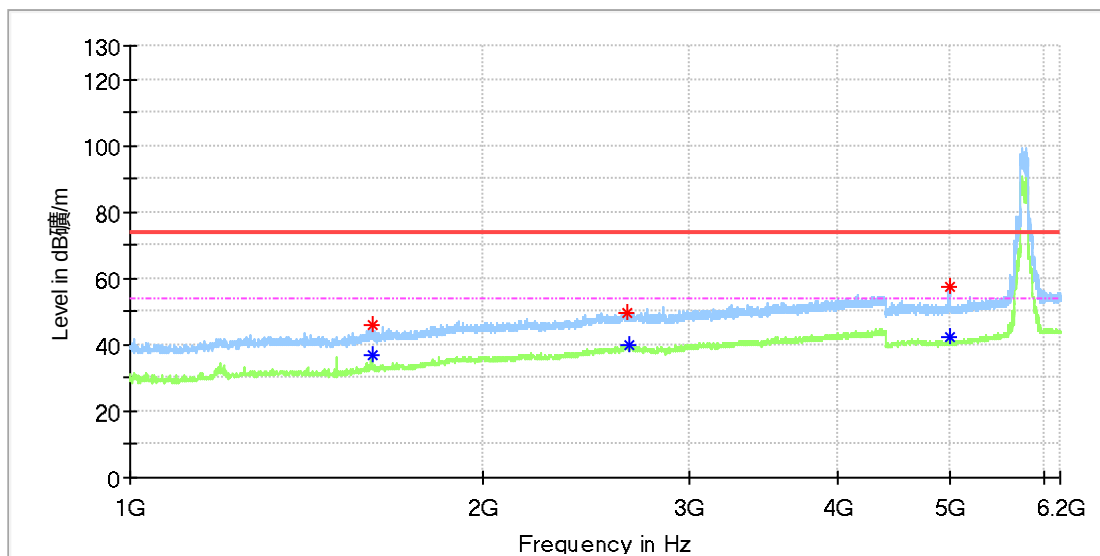
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7726.133333        | ---                 | 38.42               | 54.00             | 15.58          | 150.0          | V   | 337.0            | 8.7             |
| 7753.666667        | 44.40               | ---                 | 74.00             | 29.60          | 150.0          | V   | 56.0             | 8.8             |
| 12147.691667       | 51.13               | ---                 | 74.00             | 22.87          | 150.0          | V   | 191.0            | 16.7            |
| 12151.133333       | ---                 | 43.00               | 54.00             | 11.00          | 150.0          | V   | 191.0            | 16.7            |

## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1606.500000     | 46.00            | ---              | 74.00          | 28.00       | 150.0       | H   | 29.0          | 3.9          |
| 1606.500000     | ---              | 37.06            | 54.00          | 16.94       | 150.0       | H   | 29.0          | 3.9          |
| 2646.500000     | 49.80            | ---              | 74.00          | 24.20       | 150.0       | H   | 36.0          | 10.1         |
| 2659.000000     | ---              | 39.99            | 54.00          | 14.01       | 150.0       | H   | 217.0         | 10.2         |
| 4995.000000     | 57.43            | ---              | 74.00          | 16.57       | 150.0       | H   | 220.0         | 13.3         |
| 4995.000000     | ---              | 42.53            | 54.00          | 11.47       | 150.0       | H   | 220.0         | 13.3         |

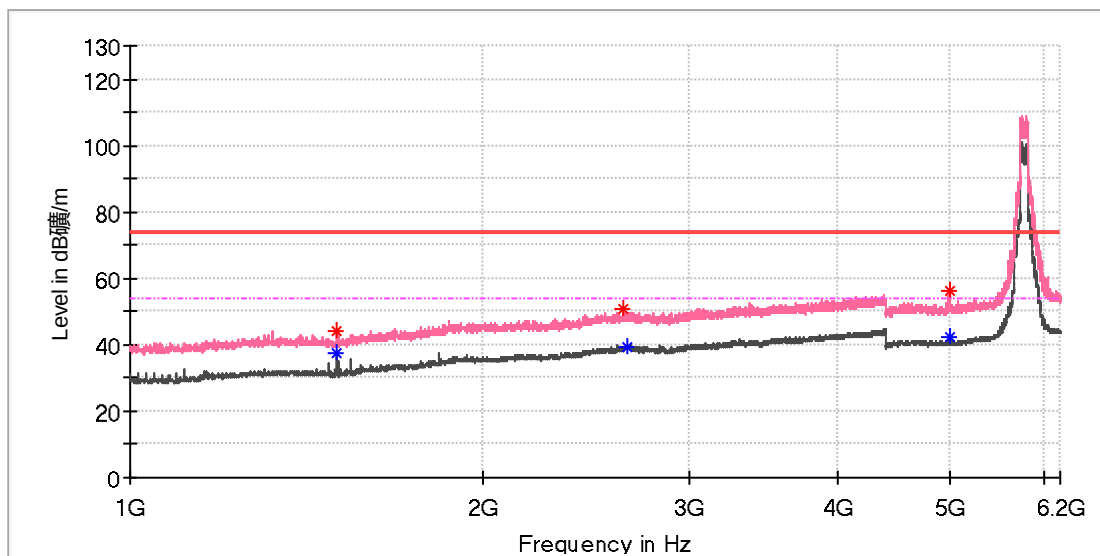
## Final Result

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



## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

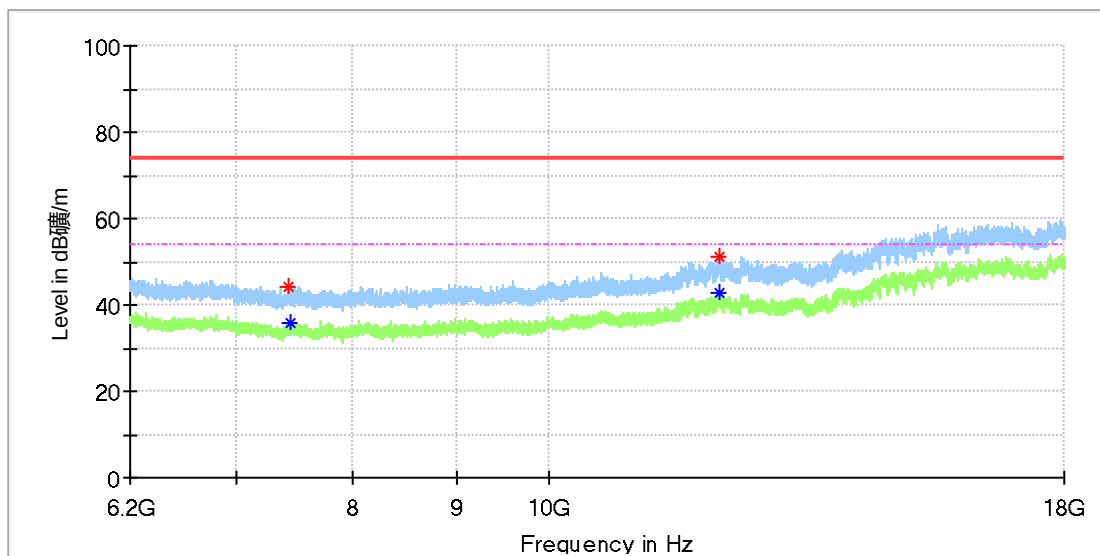
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1500.000000     | 43.84            | ---              | 74.00          | 30.16       | 150.0       | V   | 0.0           | 2.5          |
| 1500.000000     | ---              | 37.51            | 54.00          | 16.49       | 150.0       | V   | 0.0           | 2.5          |
| 2634.000000     | 50.60            | ---              | 74.00          | 23.40       | 150.0       | V   | 73.0          | 10.0         |
| 2653.000000     | ---              | 39.43            | 54.00          | 14.57       | 150.0       | V   | 213.0         | 10.2         |
| 4994.500000     | ---              | 42.16            | 54.00          | 11.84       | 150.0       | V   | 358.0         | 13.3         |
| 4998.000000     | 56.36            | ---              | 74.00          | 17.64       | 150.0       | V   | 12.0          | 13.3         |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

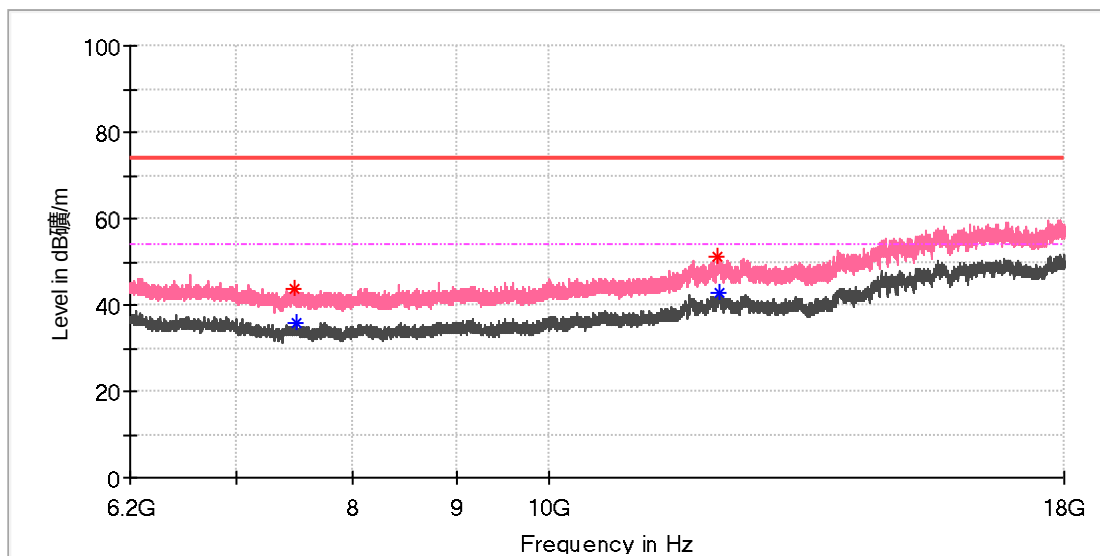
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7429.166667        | 44.35               | ---                 | 74.00             | 29.65          | 150.0          | H   | 56.0             | 8.4             |
| 7450.800000        | ---                 | 35.95               | 54.00             | 18.05          | 150.0          | H   | 252.0            | 8.5             |
| 12140.808333       | ---                 | 42.65               | 54.00             | 11.35          | 150.0          | H   | 204.0            | 16.5            |
| 12145.233333       | 51.08               | ---                 | 74.00             | 22.92          | 150.0          | H   | 160.0            | 16.6            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 100.00             | 100.00              | 100.00              | 100.00            | 100.00         | 100.00         |     | 100.00           | 100.00          |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7478.333333        | 43.56               | ---                 | 74.00             | 30.44          | 150.0          | V   | 322.0            | 8.7             |
| 7501.441667        | ---                 | 35.69               | 54.00             | 18.31          | 150.0          | V   | 244.0            | 8.7             |
| 12125.075000       | 51.20               | ---                 | 74.00             | 22.80          | 150.0          | V   | 120.0            | 16.1            |
| 12139.825000       | ---                 | 42.79               | 54.00             | 11.21          | 150.0          | V   | 310.0            | 16.5            |

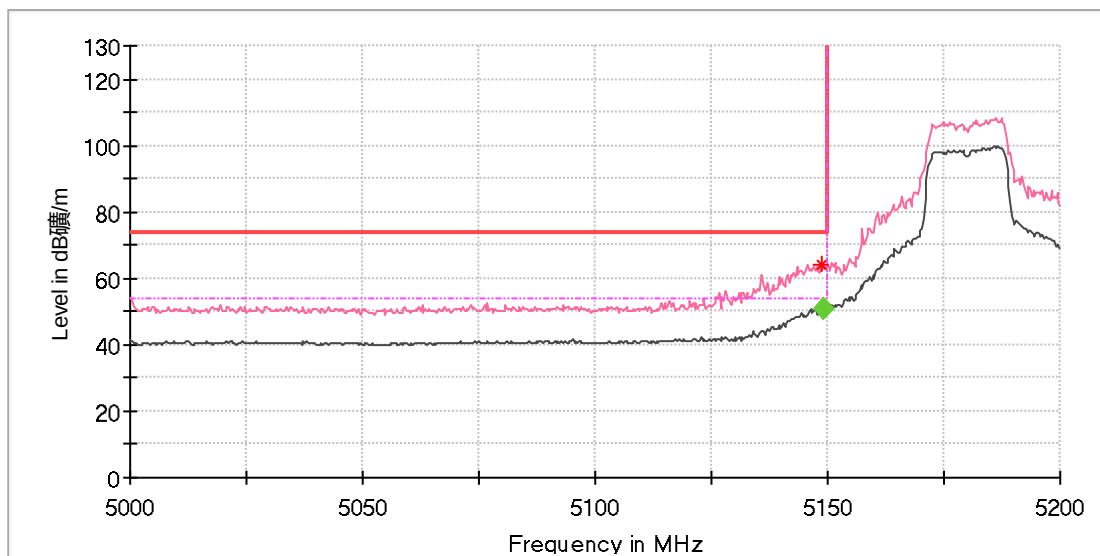
## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch36         |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

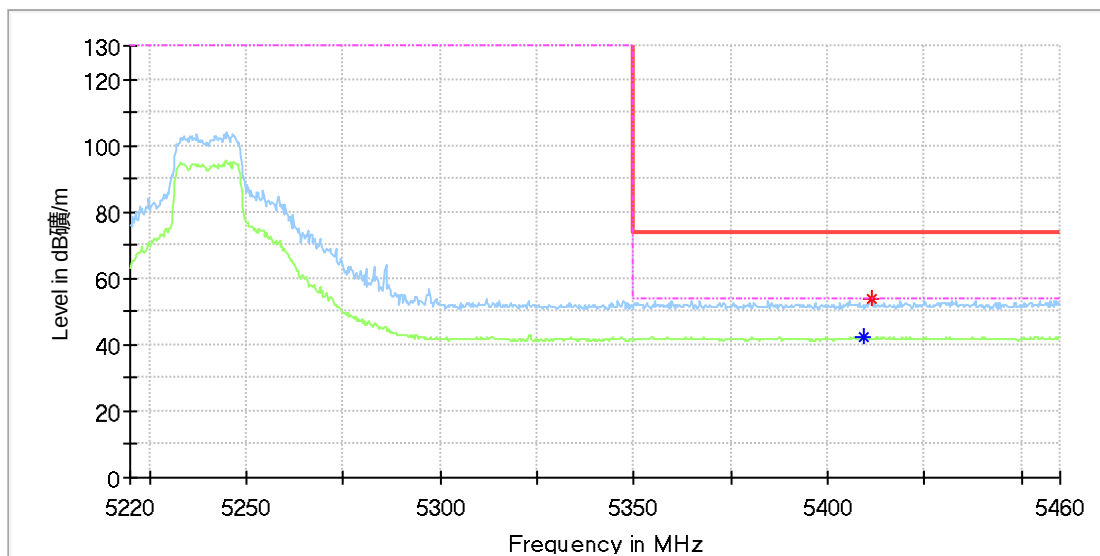
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5148.644445     | 64.39            | ---              | 74.00          | 9.61        | 150.0       | V   | 329.0         | 13.9         |

## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5148.972222     | ---              | 50.84            | 54.00          | 3.16        | 150.0       | V   | 231.0         | 13.9         |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch48         |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5409.355556        | ---                 | 42.17               | 54.00             | 11.83          | 150.0          | H   | 268.0            | 15.0            |
| 5411.122222        | 54.11               | ---                 | 74.00             | 19.89          | 150.0          | H   | 358.0            | 15.0            |

## Final\_Result

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

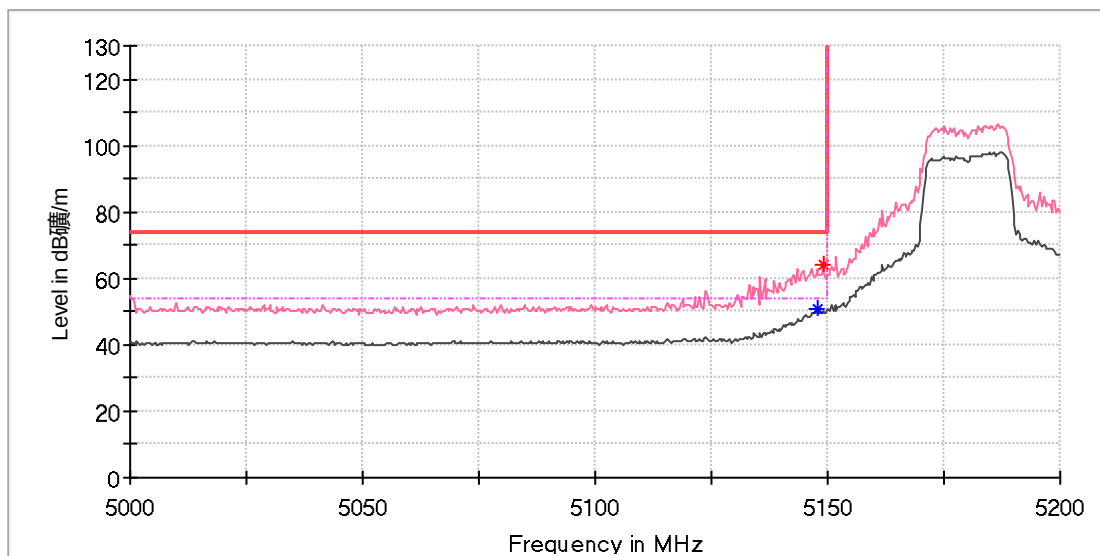
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|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



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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch36       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

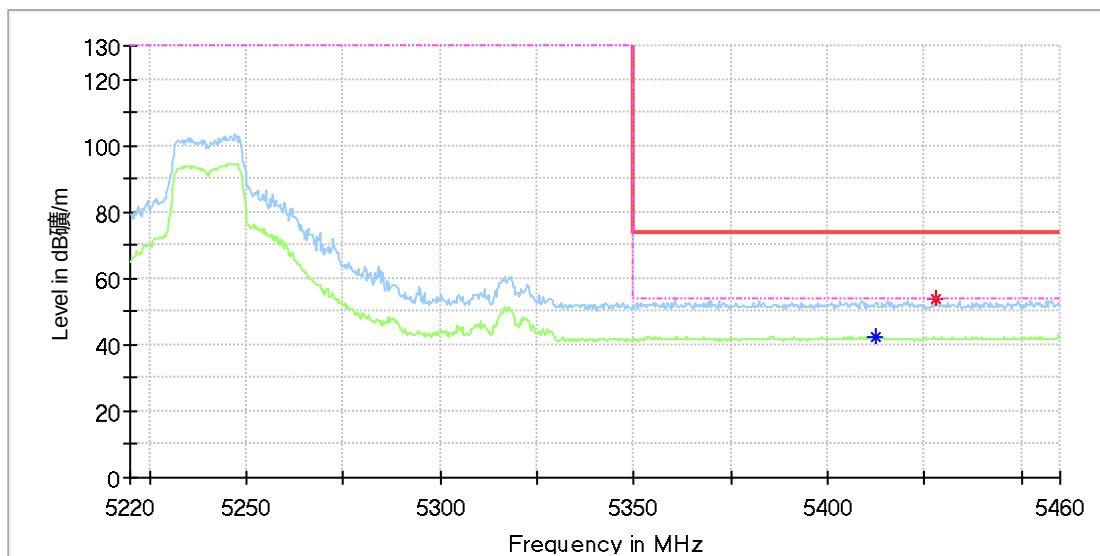
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5147.661111        | ---                 | 50.90               | 54.00             | 3.10           | 150.0          | V   | 238.0            | 13.9            |
| 5148.972222        | 63.84               | ---                 | 74.00             | 10.16          | 150.0          | V   | 238.0            | 13.9            |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch48       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

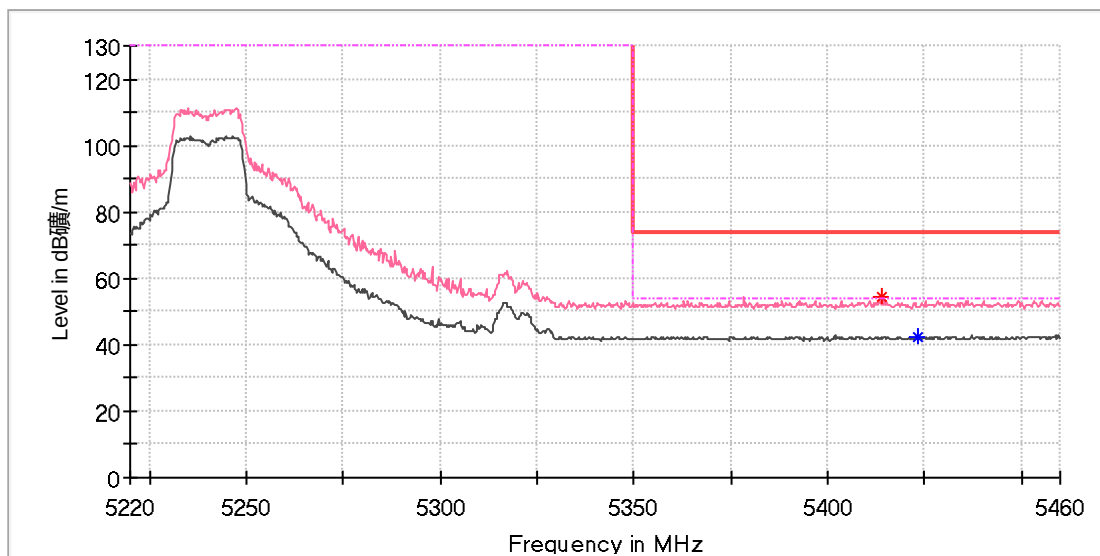
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5412.594444        | ---                 | 42.42               | 54.00             | 11.58          | 150.0          | H   | 0.0              | 15.0            |
| 5427.905556        | 54.09               | ---                 | 74.00             | 19.91          | 150.0          | H   | 0.0              | 15.0            |

## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch48       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5414.066667        | 54.16               | ---                 | 74.00             | 19.84          | 150.0          | V   | 25.0             | 15.0            |
| 5423.194444        | ---                 | 42.53               | 54.00             | 11.47          | 150.0          | V   | 317.0            | 15.0            |

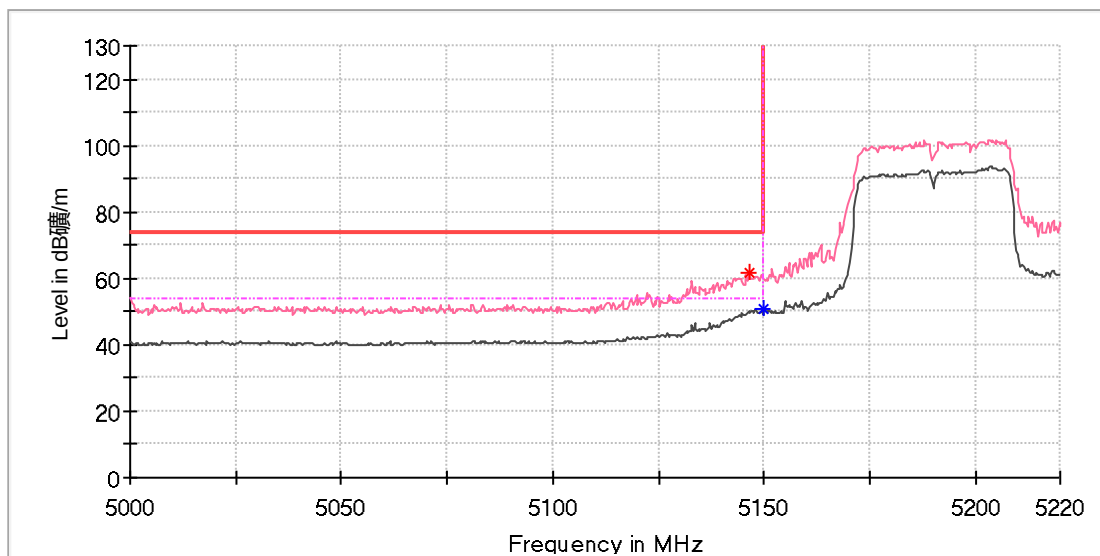
## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |



## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch38       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

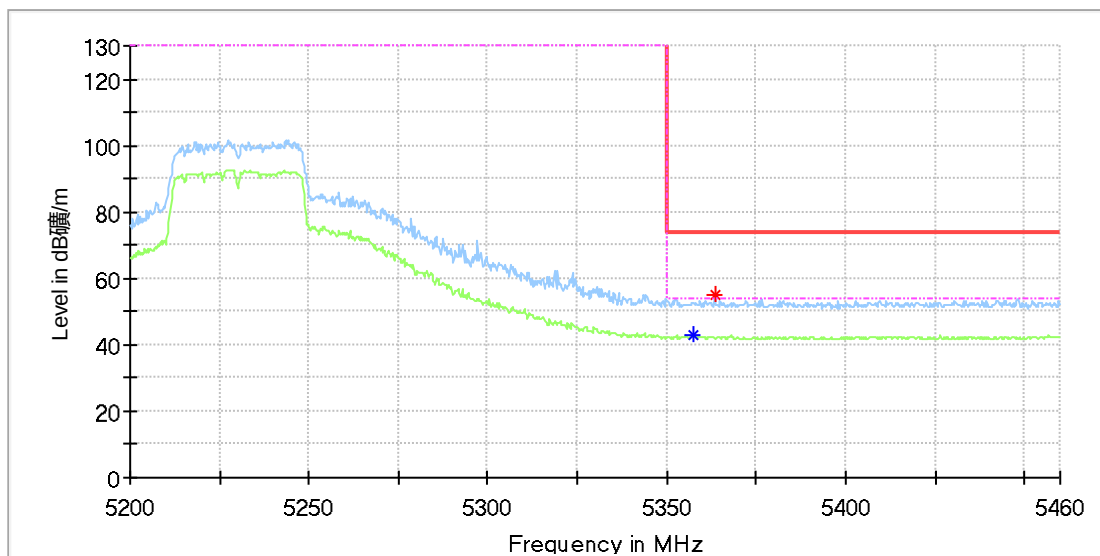
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5146.350000        | 61.51               | ---                 | 74.00             | 12.49          | 150.0          | V   | 235.0            | 13.9            |
| 5149.955556        | ---                 | 50.97               | 54.00             | 3.03           | 150.0          | V   | 242.0            | 13.9            |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch46       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5357.533333        | ---                 | 42.84               | 54.00             | 11.16          | 150.0          | H   | 26.0             | 14.8            |
| 5363.422222        | 54.82               | ---                 | 74.00             | 19.18          | 150.0          | H   | 91.0             | 14.8            |

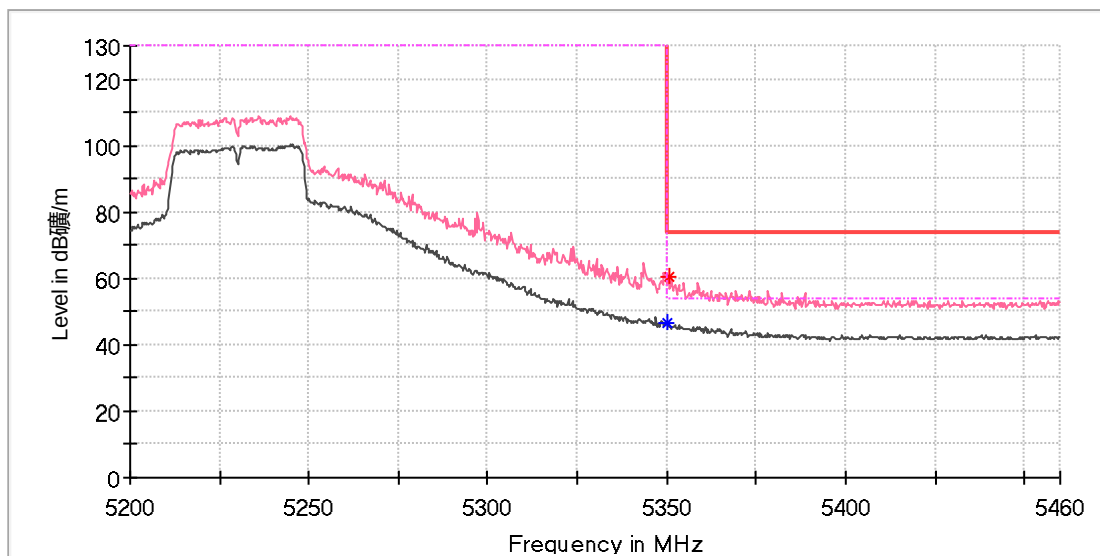
## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |



## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch46       |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5350.172222        | ---                 | 46.50               | 54.00             | 7.50           | 150.0          | V   | 230.0            | 14.8            |
| 5350.466667        | 60.50               | ---                 | 74.00             | 13.50          | 150.0          | V   | 236.0            | 14.8            |

## Final\_Result

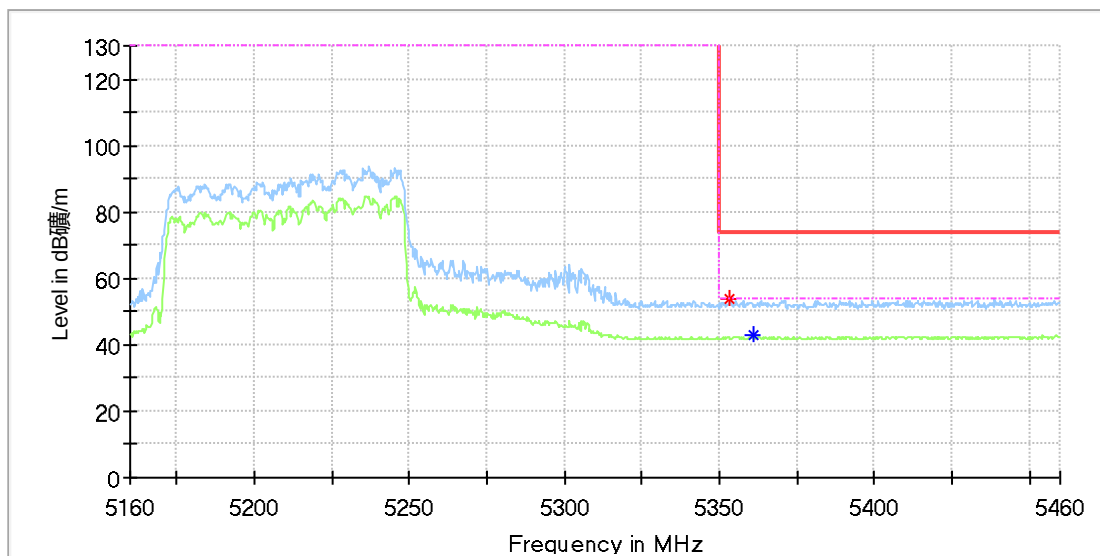
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---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

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

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch42      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

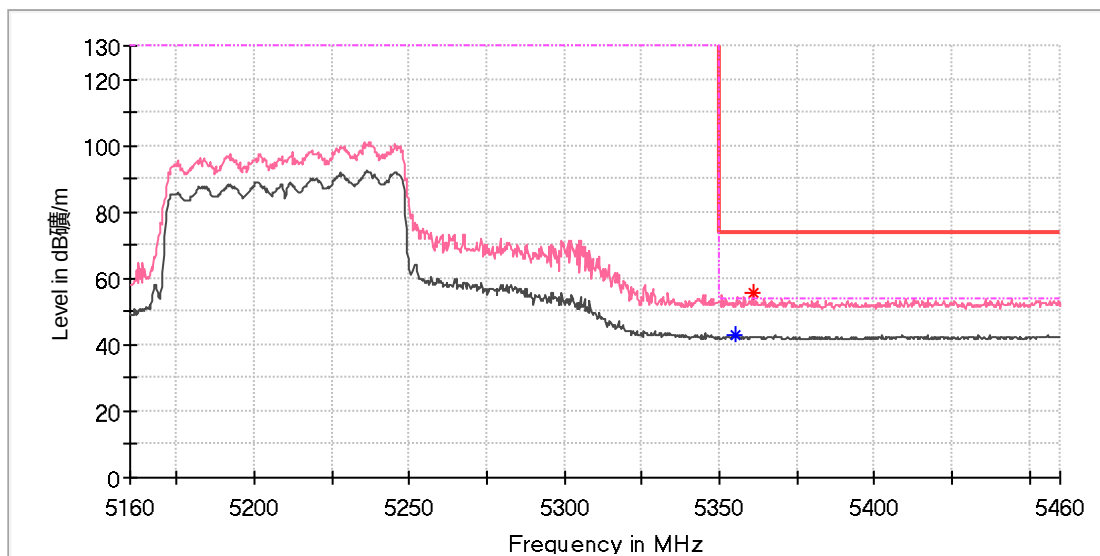
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5353.411111        | 53.66               | ---                 | 74.00             | 20.34          | 150.0          | H   | 49.0             | 14.8            |
| 5361.066667        | ---                 | 42.77               | 54.00             | 11.23          | 150.0          | H   | 359.0            | 14.8            |

## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11ac80_Ch42      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 5355.177778        | ---                 | 43.00               | 54.00             | 11.00          | 150.0          | V   | 247.0            | 14.8            |
| 5360.772222        | 55.62               | ---                 | 74.00             | 18.38          | 150.0          | V   | 247.0            | 14.8            |

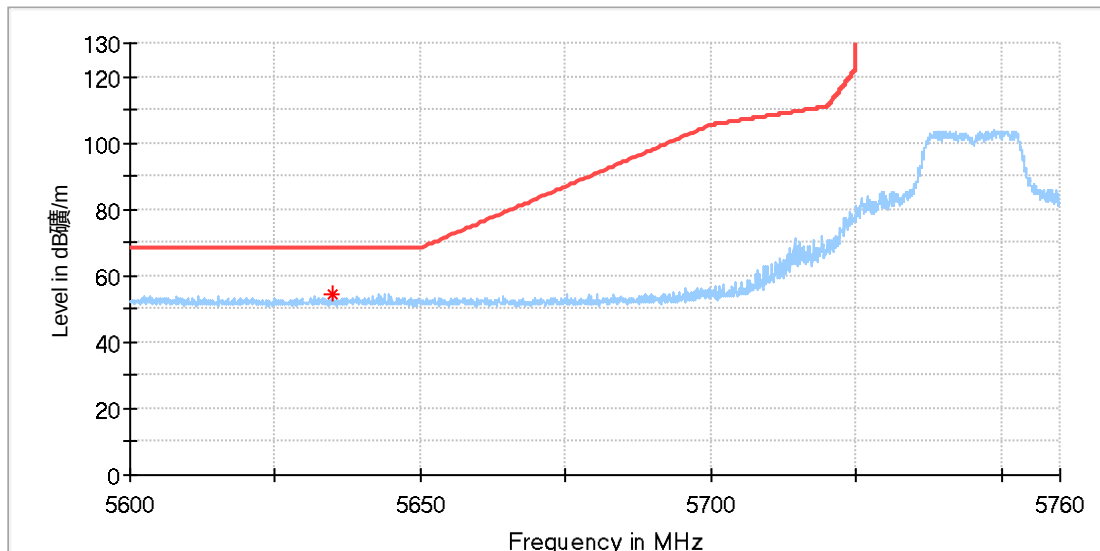
## Final\_Result

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 100.0           | 100.0            | 100.0            | 100.0          | 100.0       | 100.0       |     | 100.0         | 100.0        |

## U-NII-3:

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch149        |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

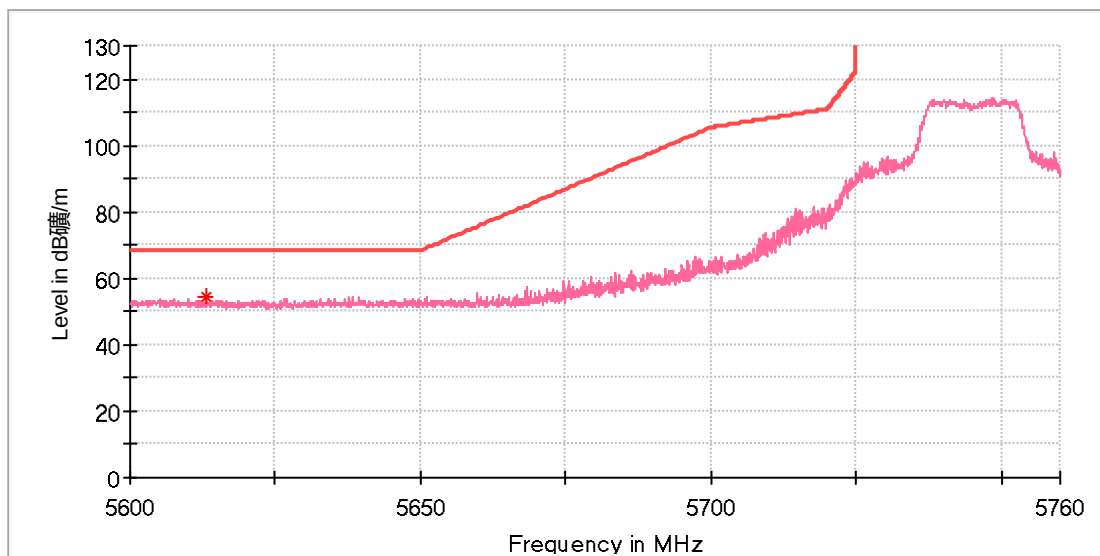
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5634.772222     | 54.40            | 68.20          | 13.80       | 150.0       | H   | 219.0         | 15.3         |

### Final Result

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

## EUT Information

EUT Name: General-Purpose Robot  
 Model: A2  
 Test Mode: WIFI 5G\_11a\_Ch149  
 Order No/Sample No: 168541455/A003981953-001  
 Test Voltage:: Battery  
 Remark: Temp 23 Humi:56%  
 Test Standard: FCC 15.407  
 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5612.955556     | 54.66            | 68.20          | 13.54       | 150.0       | V   | 246.0         | 15.3         |

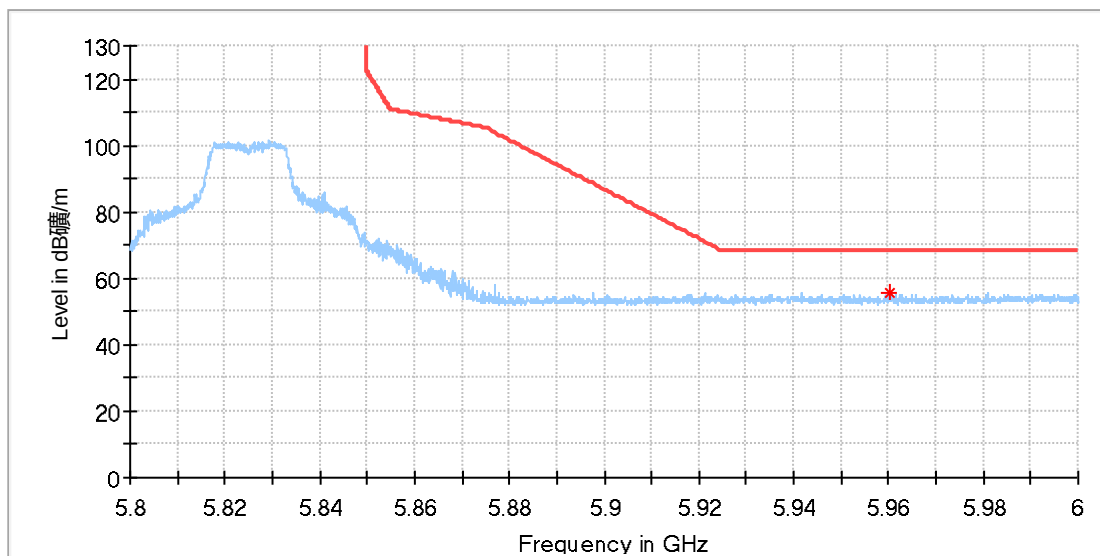
## Final\_Result

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



## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch165        |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

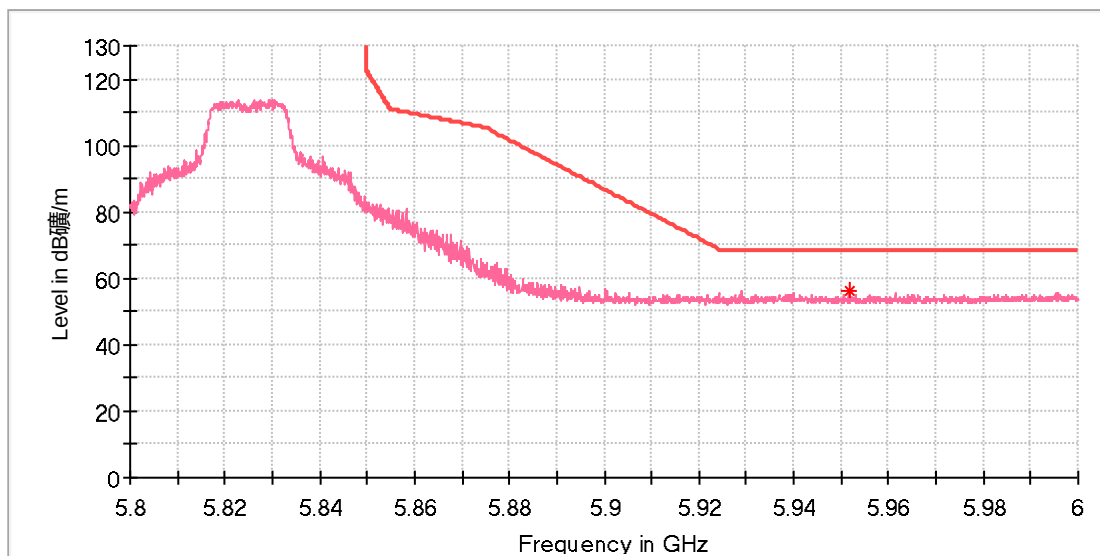
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5960.201389     | 55.69            | 68.20          | 12.51       | 150.0       | H   | 123.0         | 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:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11a_Ch165        |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

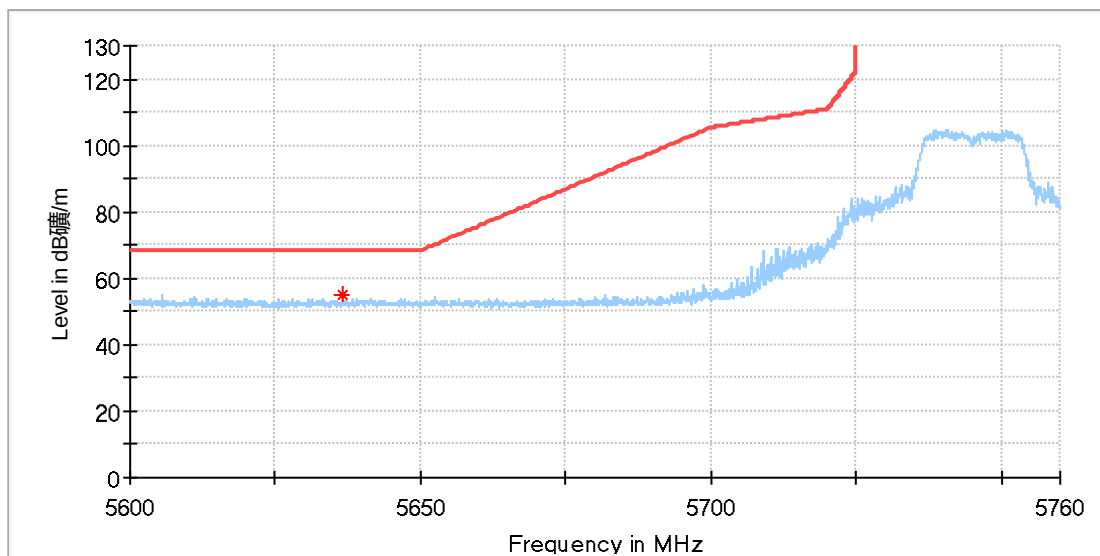
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5951.645833     | 56.24            | 68.20          | 11.96       | 150.0       | V   | 255.0         | 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:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch149      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

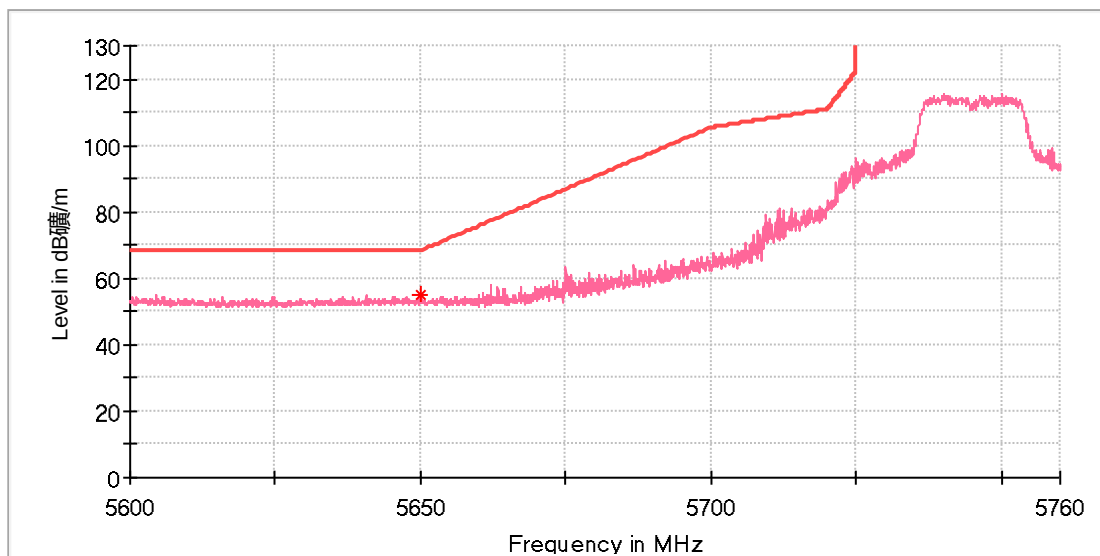
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5636.483333     | 54.85            | 68.20          | 13.35       | 150.0       | H   | 299.0         | 15.3         |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch149      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

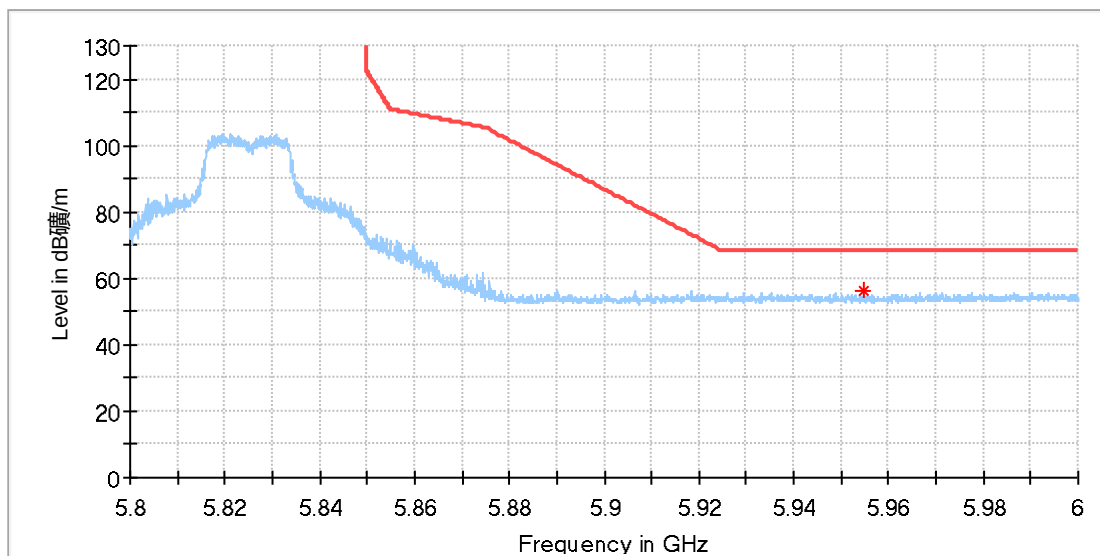
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5649.988889     | 54.73            | 68.20          | 13.47       | 150.0       | V   | 226.0         | 15.3         |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch165      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

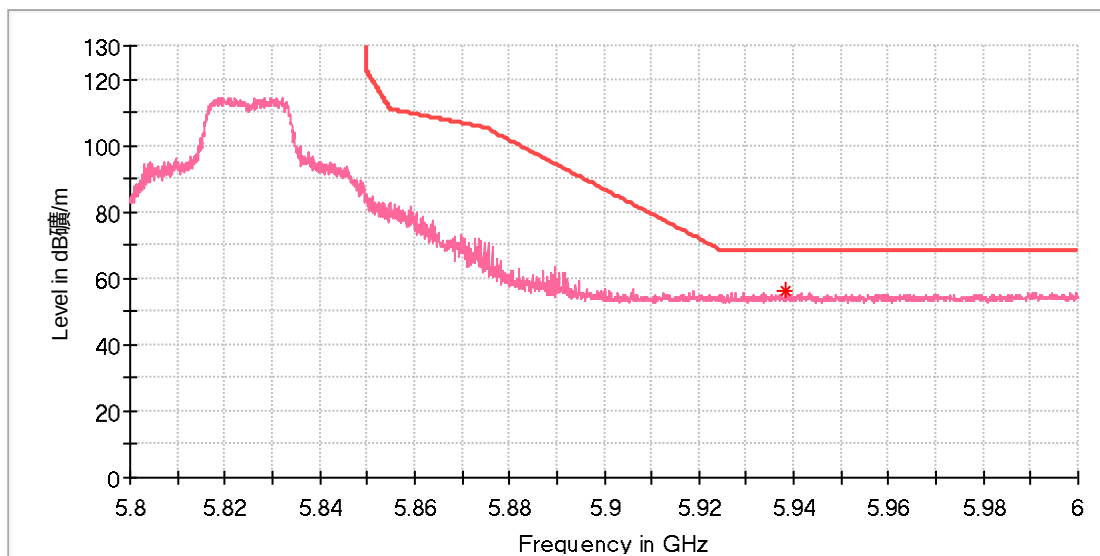
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5954.854167     | 56.14            | 68.20          | 12.06       | 150.0       | H   | 151.0         | 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:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n20_Ch165      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

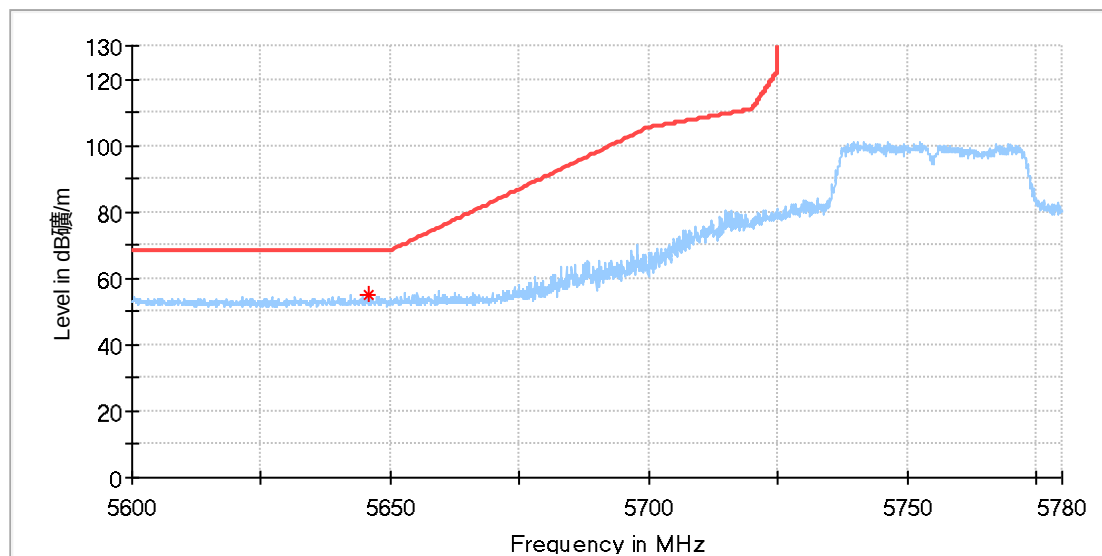
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5938.201389     | 56.12            | 68.20          | 12.08       | 150.0       | V   | 176.0         | 16.2         |

## Final\_Result

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

## EUT Information

EUT Name: General-Purpose Robot  
 Model: A2  
 Test Mode: WIFI 5G\_11n40\_Ch151  
 Order No/Sample No: 168541455/A003981953-001  
 Test Voltage:: Battery  
 Remark: Temp 23 Humi:56%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical\_Freqs

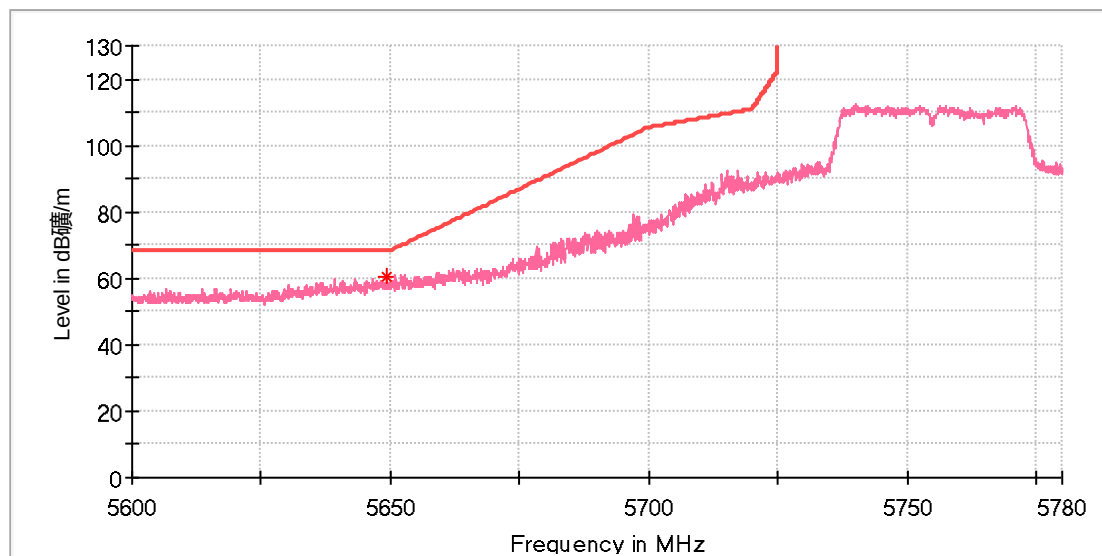
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5645.711111     | 55.13            | 68.20          | 13.07       | 150.0       | H   | 170.0         | 15.3         |

## Final\_Result

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

## EUT Information

EUT Name: General-Purpose Robot  
 Model: A2  
 Test Mode: WIFI 5G\_11n40\_Ch151  
 Order No/Sample No: 168541455/A003981953-001  
 Test Voltage:: Battery  
 Remark: Temp 23 Humi:56%  
 Test Standard: FCC 15.407  
 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5649.316667     | 60.49            | 68.20          | 7.71        | 150.0       | V   | 226.0         | 15.3         |

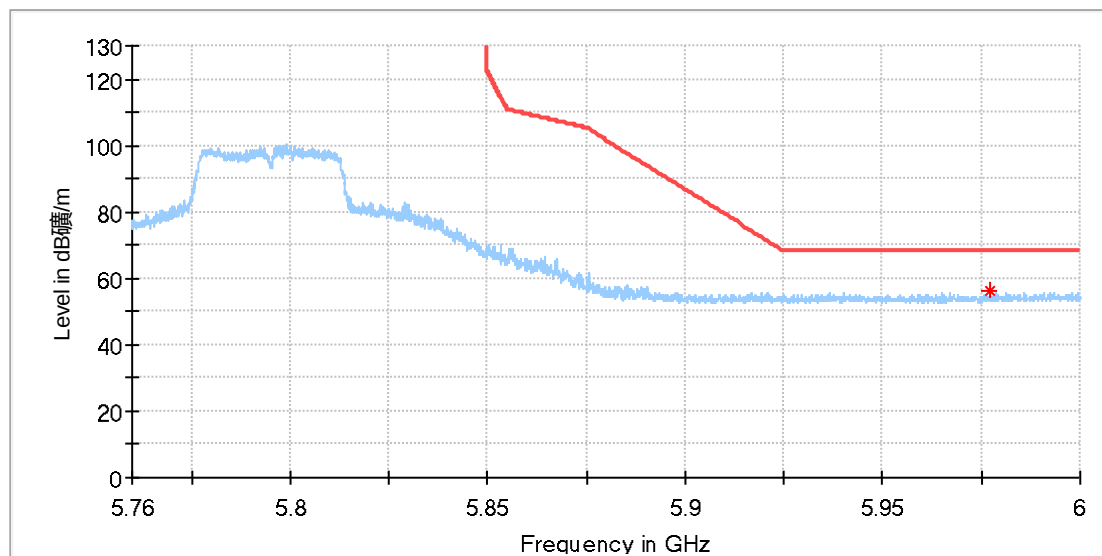
## Final\_Result

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



## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | General-Purpose Robot    |
| Model:              | A2                       |
| Test Mode:          | WIFI 5G_11n40_Ch159      |
| Order No/Sample No: | 168541455/A003981953-001 |
| Test Voltage::      | Battery                  |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

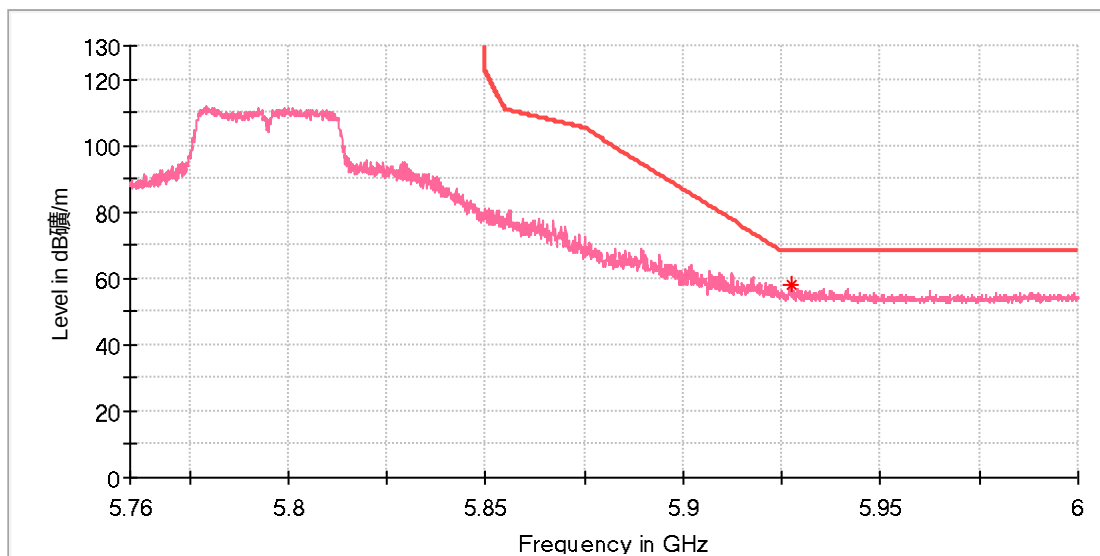
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5977.312500     | 56.13            | 68.20          | 12.07       | 150.0       | H   | 120.0         | 16.4         |

## Final\_Result

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

## EUT Information

EUT Name: General-Purpose Robot  
 Model: A2  
 Test Mode: WIFI 5G\_11n40\_Ch159  
 Order No/Sample No: 168541455/A003981953-001  
 Test Voltage:: Battery  
 Remark: Temp 23 Humi:56%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical\_Freqs

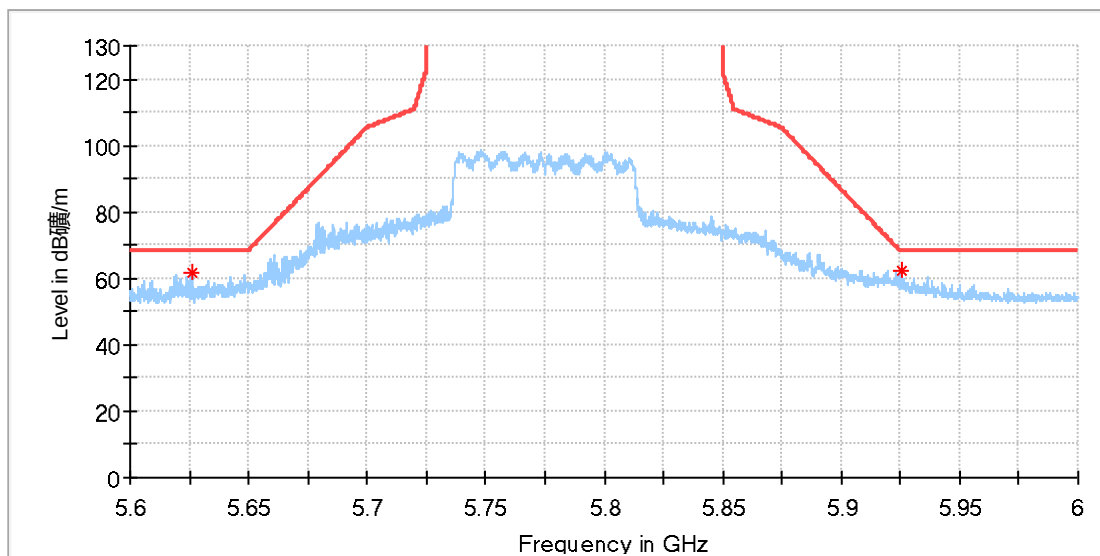
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5927.277778     | 57.92            | 68.20          | 10.28       | 150.0       | V   | 223.0         | 16.2         |

## Final\_Result

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

## EUT Information

EUT Name: General-Purpose Robot  
 Model: A2  
 Test Mode: WIFI 5G\_11ac80\_Ch155  
 Order No/Sample No: 168541455/A003981953-001  
 Test Voltage:: Battery  
 Remark: Temp 23 Humi:56%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical\_Freqs

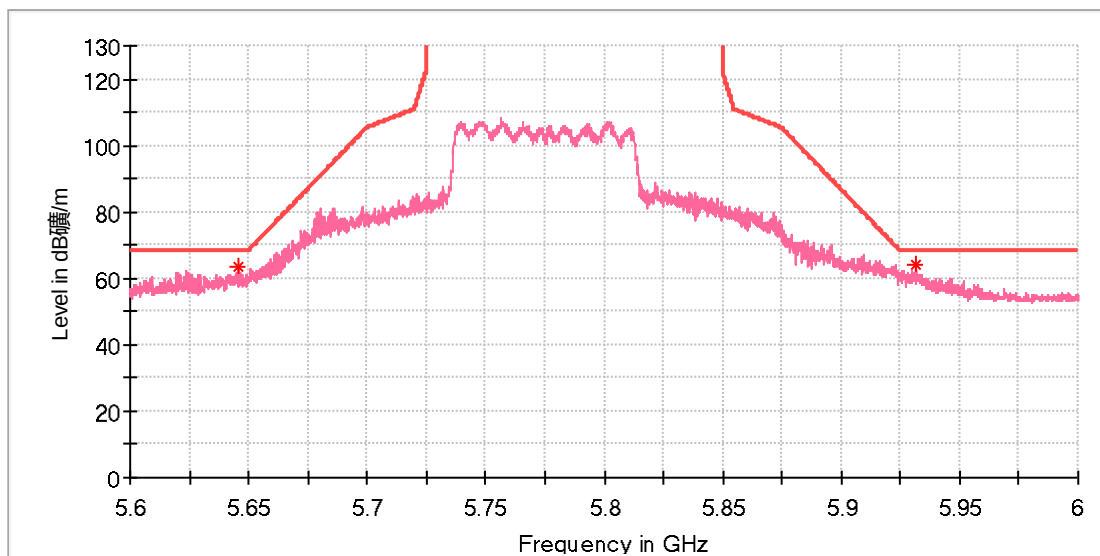
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5626.111111     | 61.59            | 68.20          | 6.61        | 150.0       | H   | 257.0         | 15.3         |
| 5925.444445     | 62.56            | 68.20          | 5.64        | 150.0       | H   | 342.0         | 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: General-Purpose Robot  
 Model: A2  
 Test Mode: WIFI 5G\_11ac80\_Ch155  
 Order No/Sample No: 168541455/A003981953-001  
 Test Voltage:: Battery  
 Remark: Temp 23 Humi:56%  
 Test Standard: FCC 15.407  
 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5646.000000     | 63.63            | 68.20          | 4.57        | 150.0       | V   | 229.0         | 15.3         |
| 5931.777778     | 64.24            | 68.20          | 3.96        | 150.0       | V   | 229.0         | 16.2         |

## Final\_Result

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