

## Appendix B: Test Results of 5.8GHz Wi-Fi

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

### SISO mode (Worst case\_ANT1)

| TestMode   | Antenna | Channel | Result [dBm/500KHz] | Limit[dBm/500KHz] | Verdict |
|------------|---------|---------|---------------------|-------------------|---------|
| 11A        | Ant1    | 5745    | 8.99                | ≤30.00            | PASS    |
|            |         | 5785    | 8.94                | ≤30.00            | PASS    |
|            |         | 5825    | 8.80                | ≤30.00            | PASS    |
| 11N20SISO  | Ant1    | 5745    | 8.91                | ≤30.00            | PASS    |
|            |         | 5785    | 8.71                | ≤30.00            | PASS    |
|            |         | 5825    | 8.32                | ≤30.00            | PASS    |
| 11N40SISO  | Ant1    | 5755    | 5.70                | ≤30.00            | PASS    |
|            |         | 5795    | 5.28                | ≤30.00            | PASS    |
| 11AC20SISO | Ant1    | 5745    | 8.53                | ≤30.00            | PASS    |
|            |         | 5785    | 8.63                | ≤30.00            | PASS    |
|            |         | 5825    | 8.47                | ≤30.00            | PASS    |
| 11AC40SISO | Ant1    | 5755    | 5.57                | ≤30.00            | PASS    |
|            |         | 5795    | 5.24                | ≤30.00            | PASS    |
| 11AC80SISO | Ant1    | 5775    | 2.53                | ≤30.00            | PASS    |
| 11AX20SISO | Ant1    | 5745    | 8.44                | ≤30.00            | PASS    |
|            |         | 5785    | 8.25                | ≤30.00            | PASS    |
|            |         | 5825    | 8.27                | ≤30.00            | PASS    |
| 11AX40SISO | Ant1    | 5755    | 5.89                | ≤30.00            | PASS    |
|            |         | 5795    | 5.60                | ≤30.00            | PASS    |
| 11AX80SISO | Ant1    | 5775    | 2.12                | ≤30.00            | PASS    |

11A\_Ant1\_5745



11A\_Ant1\_5785



11A\_Ant1\_5825



11N20SISO Ant1 5745



11N20SISO Ant1 5785



11N20SISO Ant1 5825



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



11AX20SISO\_Ant1\_5745



11AX20SISO\_Ant1\_5785



11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775



**MIMO mode**

| TestMode   | Antenna | Channel | Result [dBm/500KHz] | Limit[dBm/500KHz] | Verdict |
|------------|---------|---------|---------------------|-------------------|---------|
| 11N20MIMO  | Ant0    | 5745    | 4.60                | ≤30.00            | PASS    |
|            | Ant1    | 5745    | 7.00                | ≤30.00            | PASS    |
|            | total   | 5745    | 8.97                | ≤30.00            | PASS    |
|            | Ant0    | 5785    | 5.00                | ≤30.00            | PASS    |
|            | Ant1    | 5785    | 7.26                | ≤30.00            | PASS    |
|            | total   | 5785    | 9.29                | ≤30.00            | PASS    |
|            | Ant0    | 5825    | 5.05                | ≤30.00            | PASS    |
|            | Ant1    | 5825    | 7.09                | ≤30.00            | PASS    |
|            | total   | 5825    | 9.20                | ≤30.00            | PASS    |
| 11N40MIMO  | Ant0    | 5755    | -3.55               | ≤30.00            | PASS    |
|            | Ant1    | 5755    | 4.81                | ≤30.00            | PASS    |
|            | total   | 5755    | 5.40                | ≤30.00            | PASS    |
|            | Ant0    | 5795    | 2.22                | ≤30.00            | PASS    |
|            | Ant1    | 5795    | 4.48                | ≤30.00            | PASS    |
|            | total   | 5795    | 6.51                | ≤30.00            | PASS    |
| 11AC20MIMO | Ant0    | 5745    | 4.85                | ≤30.00            | PASS    |
|            | Ant1    | 5745    | 7.42                | ≤30.00            | PASS    |
|            | total   | 5745    | 9.33                | ≤30.00            | PASS    |
|            | Ant0    | 5785    | 4.82                | ≤30.00            | PASS    |
|            | Ant1    | 5785    | 7.29                | ≤30.00            | PASS    |
|            | total   | 5785    | 9.24                | ≤30.00            | PASS    |
|            | Ant0    | 5825    | 4.91                | ≤30.00            | PASS    |
|            | Ant1    | 5825    | 6.92                | ≤30.00            | PASS    |
|            | total   | 5825    | 9.04                | ≤30.00            | PASS    |
| 11AC40MIMO | Ant0    | 5755    | 2.21                | ≤30.00            | PASS    |
|            | Ant1    | 5755    | 4.44                | ≤30.00            | PASS    |
|            | total   | 5755    | 6.48                | ≤30.00            | PASS    |
|            | Ant0    | 5795    | 2.42                | ≤30.00            | PASS    |
|            | Ant1    | 5795    | 4.82                | ≤30.00            | PASS    |
|            | total   | 5795    | 6.79                | ≤30.00            | PASS    |
| 11AC80MIMO | Ant0    | 5775    | -0.26               | ≤30.00            | PASS    |
|            | Ant1    | 5775    | 1.94                | ≤30.00            | PASS    |
|            | total   | 5775    | 3.99                | ≤30.00            | PASS    |
| 11AX20MIMO | Ant0    | 5745    | 4.83                | ≤30.00            | PASS    |
|            | Ant1    | 5745    | 7.60                | ≤30.00            | PASS    |
|            | total   | 5745    | 9.44                | ≤30.00            | PASS    |
|            | Ant0    | 5785    | 4.98                | ≤30.00            | PASS    |
|            | Ant1    | 5785    | 7.25                | ≤30.00            | PASS    |
|            | total   | 5785    | 9.27                | ≤30.00            | PASS    |
|            | Ant0    | 5825    | 4.99                | ≤30.00            | PASS    |
|            | Ant1    | 5825    | 7.04                | ≤30.00            | PASS    |
|            | total   | 5825    | 9.15                | ≤30.00            | PASS    |
| 11AX40MIMO | Ant0    | 5755    | 1.78                | ≤30.00            | PASS    |
|            | Ant1    | 5755    | 4.24                | ≤30.00            | PASS    |
|            | total   | 5755    | 6.19                | ≤30.00            | PASS    |
|            | Ant0    | 5795    | 2.54                | ≤30.00            | PASS    |
|            | Ant1    | 5795    | 4.46                | ≤30.00            | PASS    |
|            | total   | 5795    | 6.62                | ≤30.00            | PASS    |
| 11AX80MIMO | Ant0    | 5775    | -0.36               | ≤30.00            | PASS    |
|            | Ant1    | 5775    | 1.60                | ≤30.00            | PASS    |
|            | total   | 5775    | 3.74                | ≤30.00            | PASS    |

11N20MIMO\_Ant0\_5745



11N20MIMO\_Ant1\_5745



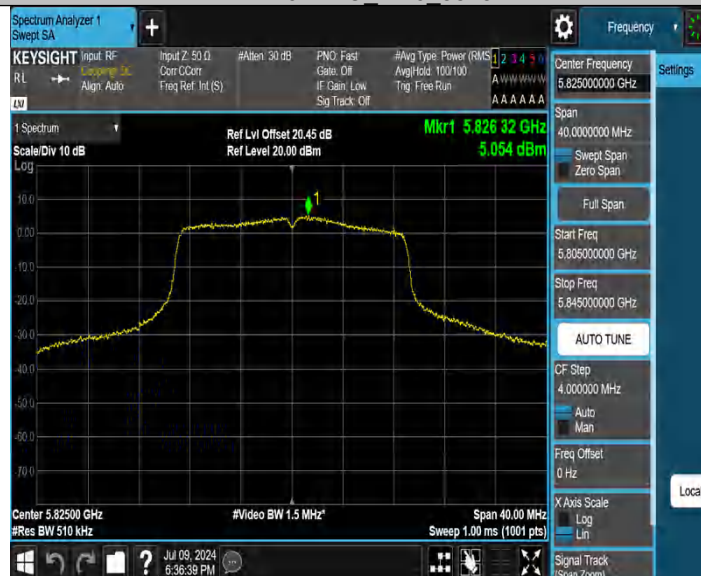
11N20MIMO\_Ant0\_5785



11N20MIMO\_Ant1\_5785



11N20MIMO\_Ant0\_5825



11N20MIMO\_Ant1\_5825



11N40MIMO\_Ant0\_5755



11N40MIMO\_Ant1\_5755



11N40MIMO\_Ant0\_5795



11N40MIMO\_Ant1\_5795



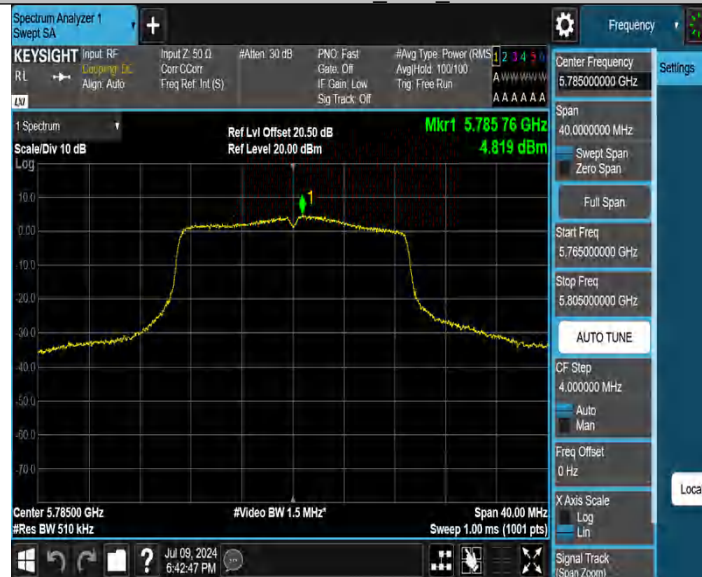
11AC20MIMO\_Ant0\_5745



11AC20MIMO\_Ant1\_5745



11AC20MIMO\_Ant0\_5785



11AC20MIMO\_Ant1\_5785



11AC20MIMO\_Ant0\_5825



11AC20MIMO\_Ant1\_5825



11AC40MIMO\_Ant0\_5755



11AC40MIMO\_Ant1\_5755



11AC40MIMO\_Ant0\_5795



11AC40MIMO\_Ant1\_5795



11AC80MIMO\_Ant0\_5775



11AC80MIMO\_Ant1\_5775



11AX20MIMO\_Ant0\_5745



11AX20MIMO\_Ant1\_5745



11AX20MIMO\_Ant0\_5785



11AX20MIMO\_Ant1\_5785



11AX20MIMO\_Ant0\_5825





11AX40MIMO\_Ant0\_5795



11AX40MIMO\_Ant1\_5795



11AX80MIMO\_Ant0\_5775





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

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (SISO mode ANT1) was presented in this report.

| Voltage    |         |         |               |                  |                |                 |             |         |
|------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode   | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11AX20SISO | Ant1    | 5745    | NV            | NT               | 30000.00       | 5.221932        | 20          | PASS    |
|            |         | 5785    | NV            | NT               | 45000.00       | 7.778738        | 20          | PASS    |
|            |         | 5825    | NV            | NT               | 30000.00       | 5.150215        | 20          | PASS    |
| 11AX40SISO | Ant1    | 5755    | NV            | NT               | -30000.00      | -5.212858       | 20          | PASS    |
|            |         | 5795    | NV            | NT               | 30000.00       | 5.176877        | 20          | PASS    |
| 11AX80SISO | Ant1    | 5775    | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |

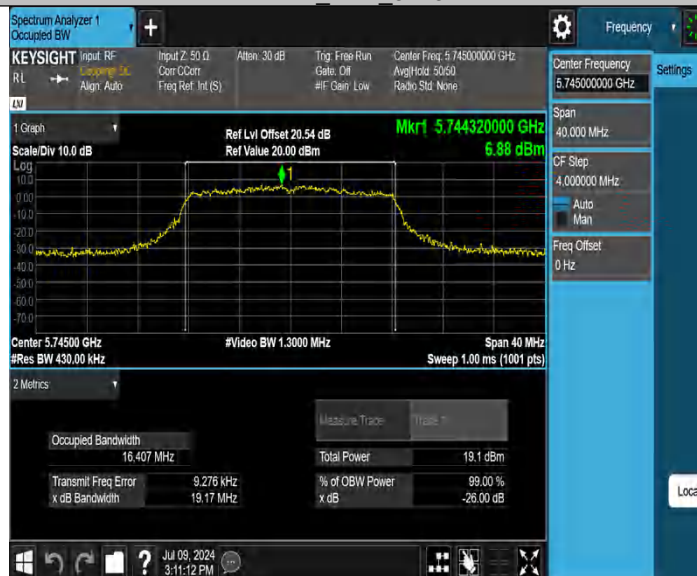
| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11AX20SISO  | Ant1    | 5745    | NV            | 0                | 30000.00       | 5.221932        | 20          | PASS    |
|             |         |         | NV            | 40               | 30000.00       | 5.221932        | 20          | PASS    |
|             |         | 5785    | NV            | 0                | 30000.00       | 5.185825        | 20          | PASS    |
|             |         |         | NV            | 40               | 30000.00       | 5.185825        | 20          | PASS    |
|             |         | 5825    | NV            | 0                | 45000.00       | 7.725322        | 20          | PASS    |
|             |         |         | NV            | 40               | 15000.00       | 2.575107        | 20          | PASS    |
| 11AX40SISO  | Ant1    | 5755    | NV            | 0                | 0.00           | 0.000000        | 20          | PASS    |
|             |         |         | NV            | 40               | 30000.00       | 5.212858        | 20          | PASS    |
|             |         | 5795    | NV            | 0                | 30000.00       | 5.176877        | 20          | PASS    |
|             |         |         | NV            | 40               | 30000.00       | 5.176877        | 20          | PASS    |
| 11AX80SISO  | Ant1    | 5775    | NV            | 0                | 0.00           | 0.000000        | 20          | PASS    |
|             |         |         | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |

### Appendix B.3: Test Results of 99% Bandwidth

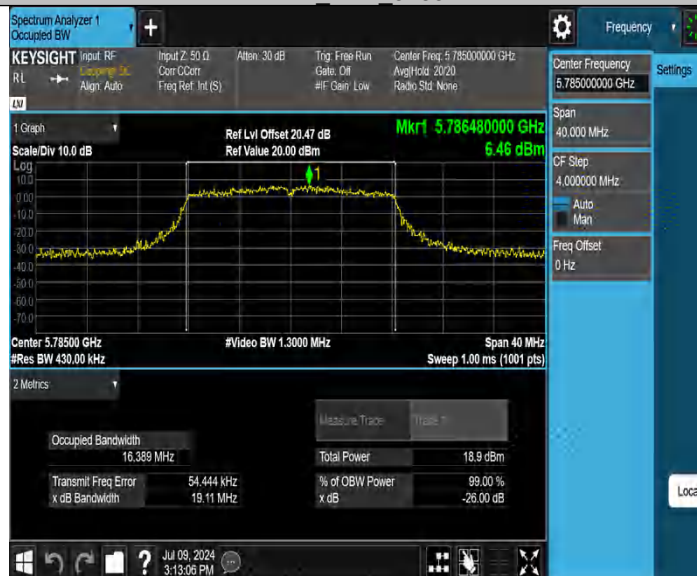
Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (SISO mode ANT1) was presented in this report.

| TestMode   | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5745    | 16.407    | 5736.8058 | 5753.2128 | ---        | PASS    |
|            |         | 5785    | 16.389    | 5776.8599 | 5793.2489 | ---        | PASS    |
|            |         | 5825    | 16.423    | 5816.8403 | 5833.2633 | ---        | PASS    |
| 11N20SISO  | Ant1    | 5745    | 17.592    | 5736.2262 | 5753.8182 | ---        | PASS    |
|            |         | 5785    | 17.588    | 5776.2374 | 5793.8254 | ---        | PASS    |
|            |         | 5825    | 17.656    | 5816.2108 | 5833.8668 | ---        | PASS    |
| 11N40SISO  | Ant1    | 5755    | 35.997    | 5737.0445 | 5773.0415 | ---        | PASS    |
|            |         | 5795    | 36.025    | 5777.0520 | 5813.0770 | ---        | PASS    |
| 11AC20SISO | Ant1    | 5745    | 17.642    | 5736.2130 | 5753.8550 | ---        | PASS    |
|            |         | 5785    | 17.608    | 5776.2348 | 5793.8428 | ---        | PASS    |
|            |         | 5825    | 17.607    | 5816.2449 | 5833.8519 | ---        | PASS    |
| 11AC40SISO | Ant1    | 5755    | 36.054    | 5737.0421 | 5773.0961 | ---        | PASS    |
|            |         | 5795    | 36.014    | 5777.0546 | 5813.0686 | ---        | PASS    |
| 11AC80SISO | Ant1    | 5775    | 75.372    | 5737.5334 | 5812.9054 | ---        | PASS    |
| 11AX20SISO | Ant1    | 5745    | 18.855    | 5735.6209 | 5754.4759 | ---        | PASS    |
|            |         | 5785    | 18.951    | 5775.5544 | 5794.5054 | ---        | PASS    |
|            |         | 5825    | 18.919    | 5815.5652 | 5834.4842 | ---        | PASS    |
| 11AX40SISO | Ant1    | 5755    | 37.853    | 5736.0369 | 5773.8899 | ---        | PASS    |
|            |         | 5795    | 37.576    | 5776.2563 | 5813.8323 | ---        | PASS    |
| 11AX80SISO | Ant1    | 5775    | 76.964    | 5736.6988 | 5813.6628 | ---        | PASS    |

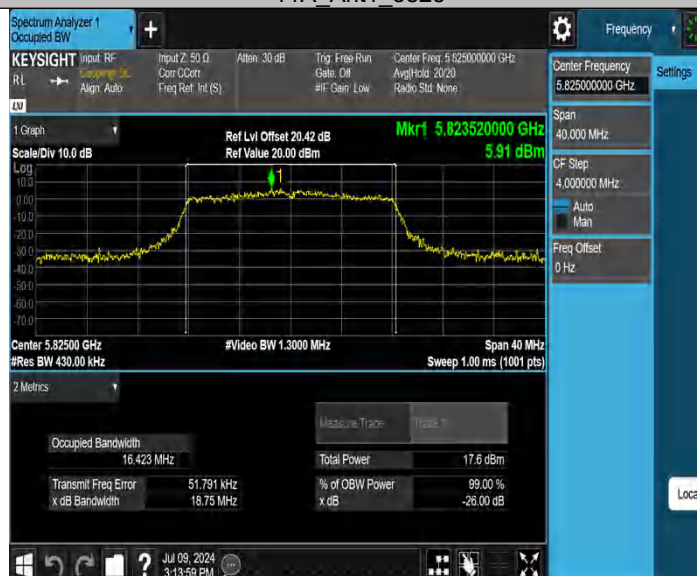
11A\_Ant1\_5745



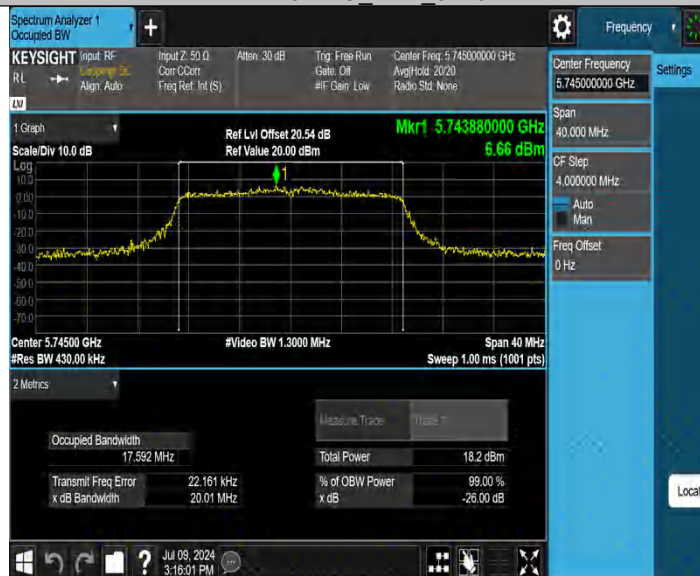
11A\_Ant1\_5785



11A\_Ant1\_5825



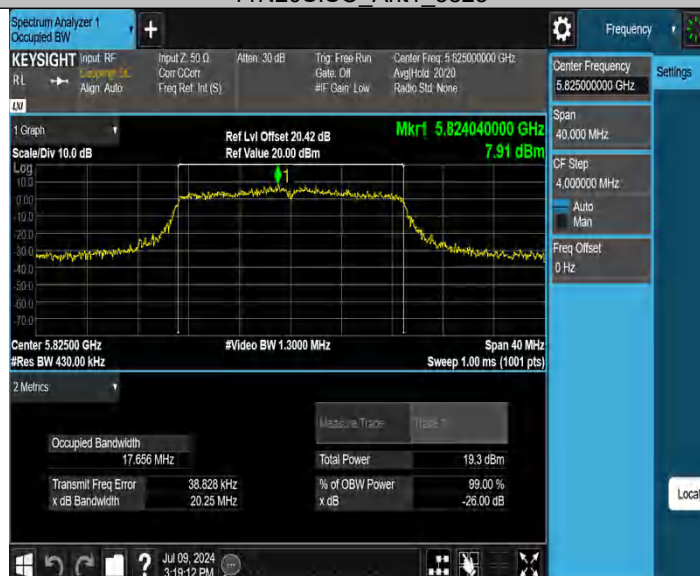
11N20SISO Ant1 5745



11N20SISO Ant1 5785



11N20SISO Ant1 5825



11N40SISO\_Ant1\_5755

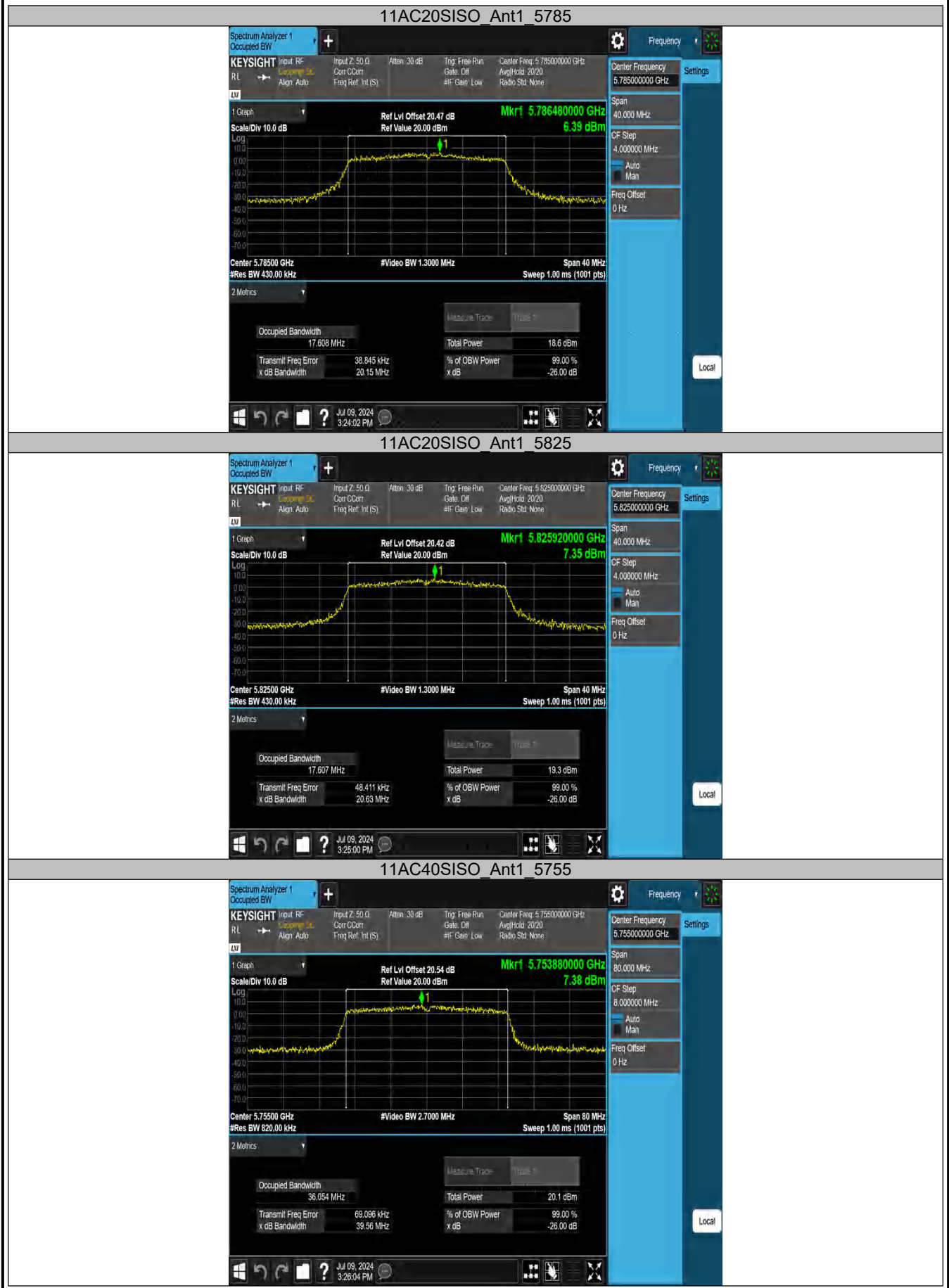


11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745





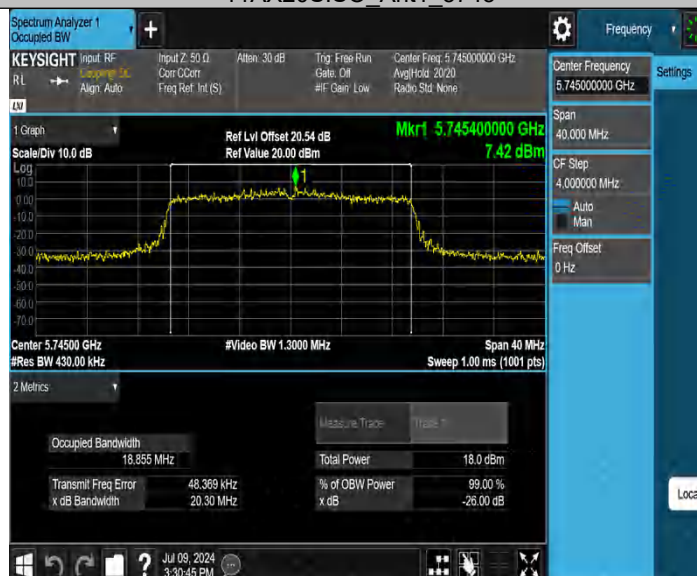
11AC40SISO\_Ant1\_5795



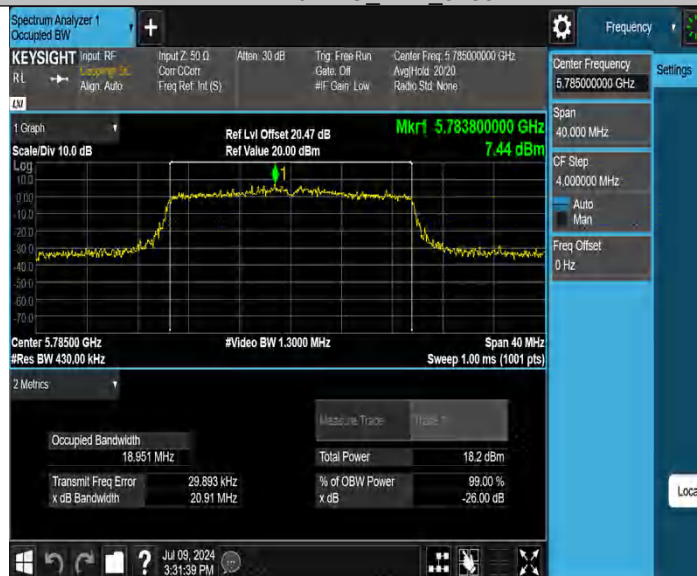
11AC80SISO\_Ant1\_5775



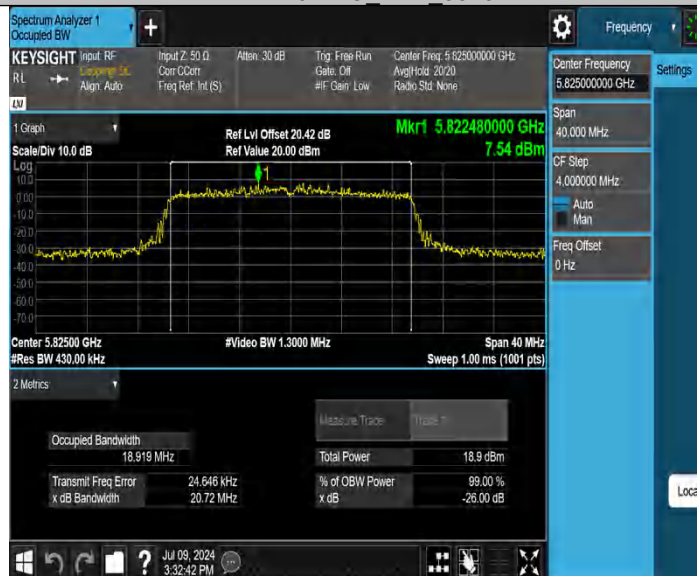
11AX20SISO\_Ant1\_5745



11AX20SISO\_Ant1\_5785



11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775



## Appendix B.4: Test Results of 6dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (SISO mode ANT1) was presented in this report.

| TestMode   | Antenna | Channel | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|---------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745    | 16.000        | 5736.920 | 5752.920 | 0.5        | PASS    |
|            |         | 5785    | 16.080        | 5776.880 | 5792.960 | 0.5        | PASS    |
|            |         | 5825    | 15.480        | 5817.480 | 5832.960 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5745    | 17.360        | 5736.240 | 5753.600 | 0.5        | PASS    |
|            |         | 5785    | 17.560        | 5776.240 | 5793.800 | 0.5        | PASS    |
|            |         | 5825    | 17.560        | 5816.280 | 5833.840 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5755    | 36.240        | 5736.920 | 5773.160 | 0.5        | PASS    |
|            |         | 5795    | 36.240        | 5776.920 | 5813.160 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5745    | 17.560        | 5736.240 | 5753.800 | 0.5        | PASS    |
|            |         | 5785    | 17.520        | 5776.280 | 5793.800 | 0.5        | PASS    |
|            |         | 5825    | 16.800        | 5816.640 | 5833.440 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755    | 35.600        | 5737.240 | 5772.840 | 0.5        | PASS    |
|            |         | 5795    | 32.800        | 5779.160 | 5811.960 | 0.5        | PASS    |
| 11AC80SISO | Ant1    | 5775    | 71.680        | 5741.080 | 5812.760 | 0.5        | PASS    |
| 11AX20SISO | Ant1    | 5745    | 18.200        | 5736.200 | 5754.400 | 0.5        | PASS    |
|            |         | 5785    | 18.920        | 5775.600 | 5794.520 | 0.5        | PASS    |
|            |         | 5825    | 18.400        | 5815.920 | 5834.320 | 0.5        | PASS    |
| 11AX40SISO | Ant1    | 5755    | 36.800        | 5737.240 | 5774.040 | 0.5        | PASS    |
|            |         | 5795    | 37.280        | 5776.200 | 5813.480 | 0.5        | PASS    |
| 11AX80SISO | Ant1    | 5775    | 75.840        | 5737.080 | 5812.920 | 0.5        | PASS    |

11A\_Ant1\_5745



11A\_Ant1\_5785



11A\_Ant1\_5825



11N20SISO Ant1 5745



11N20SISO Ant1 5785



11N20SISO Ant1 5825



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



11AX20SISO\_Ant1\_5745



11AX20SISO\_Ant1\_5785



11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775



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

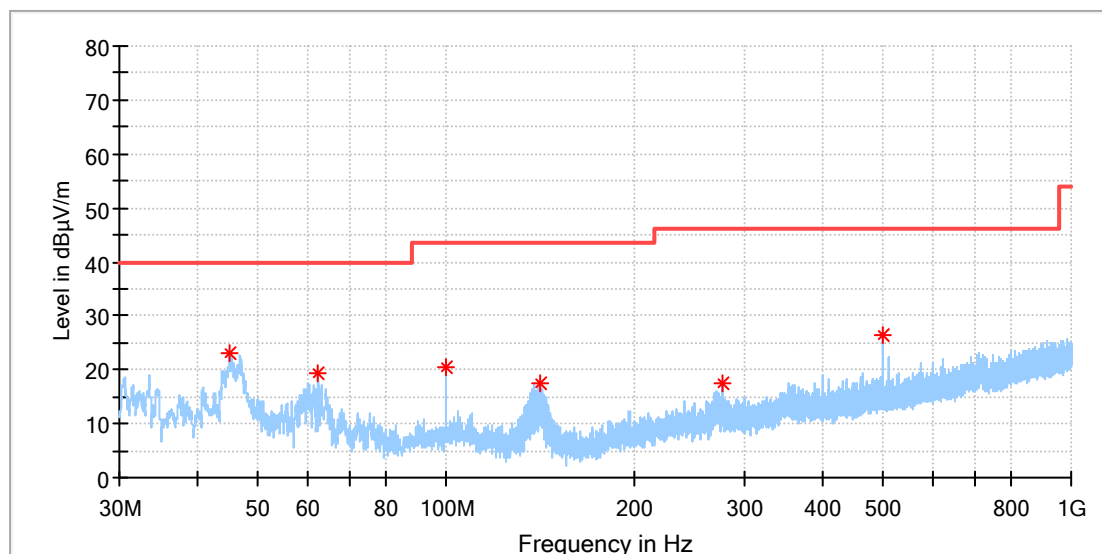
Note:

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

### 30MHz - 1GHz (Worst case)

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch157        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

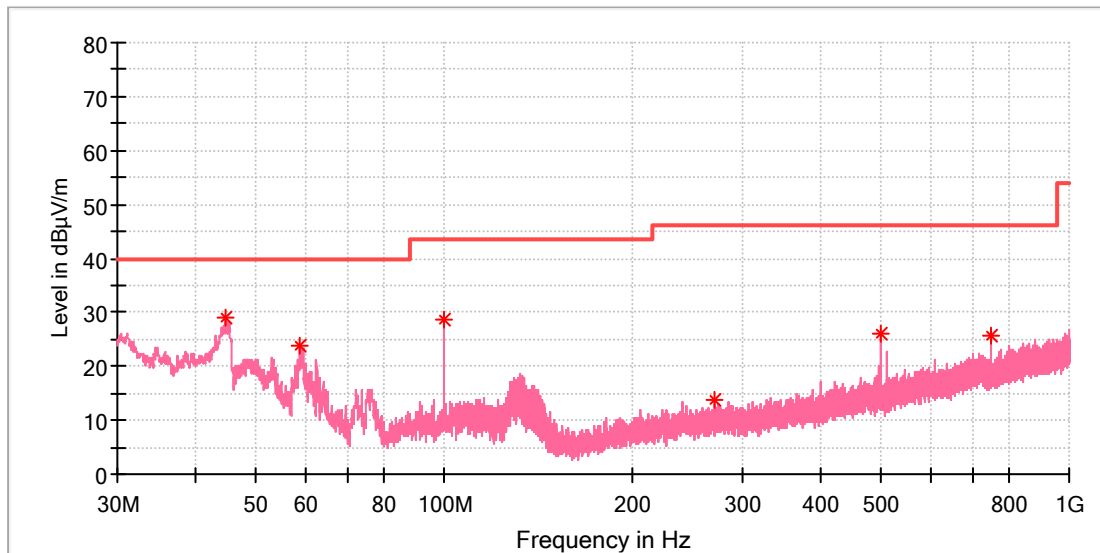
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 45.035000       | 23.21            | 40.00          | 16.79       | 100.0       | H   | 248.0         | -19.2        |
| 62.495000       | 19.31            | 40.00          | 20.69       | 100.0       | H   | 338.0         | -19.9        |
| 99.989231       | 20.54            | 43.50          | 22.96       | 100.0       | H   | 278.0         | -19.3        |
| 141.176923      | 17.31            | 43.50          | 26.19       | 100.0       | H   | 195.0         | -22.6        |
| 276.566539      | 17.43            | 46.00          | 28.57       | 100.0       | H   | 308.0         | -17.1        |
| 500.002308      | 26.31            | 46.00          | 19.69       | 100.0       | H   | 127.0         | -12.2        |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch157        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 44.736539       | 29.10            | 40.00          | 10.90       | 100.0       | V   | 105.0         | -19.2        |
| 58.764231       | 23.90            | 40.00          | 16.10       | 100.0       | V   | 128.0         | -19.2        |
| 99.989231       | 28.49            | 43.50          | 15.01       | 100.0       | V   | 286.0         | -19.3        |
| 271.679231      | 13.64            | 46.00          | 32.36       | 100.0       | V   | 35.0          | -17.2        |
| 500.002308      | 25.96            | 46.00          | 20.04       | 100.0       | V   | 241.0         | -12.2        |
| 750.038462      | 25.62            | 46.00          | 20.38       | 100.0       | V   | 286.0         | -7.6         |

## Final Result

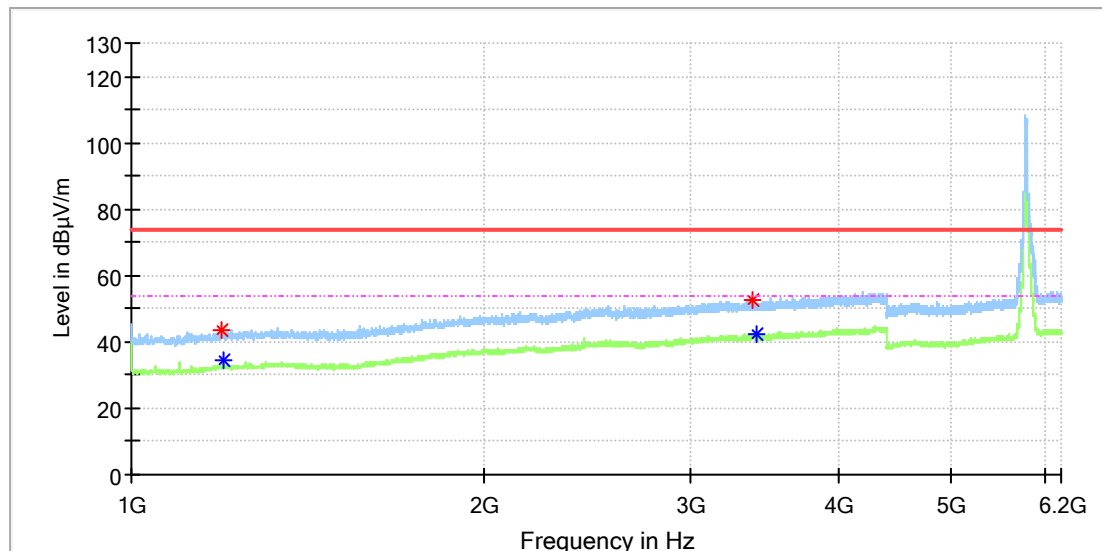
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---          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

## 1GHz - 18GHz

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch157        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

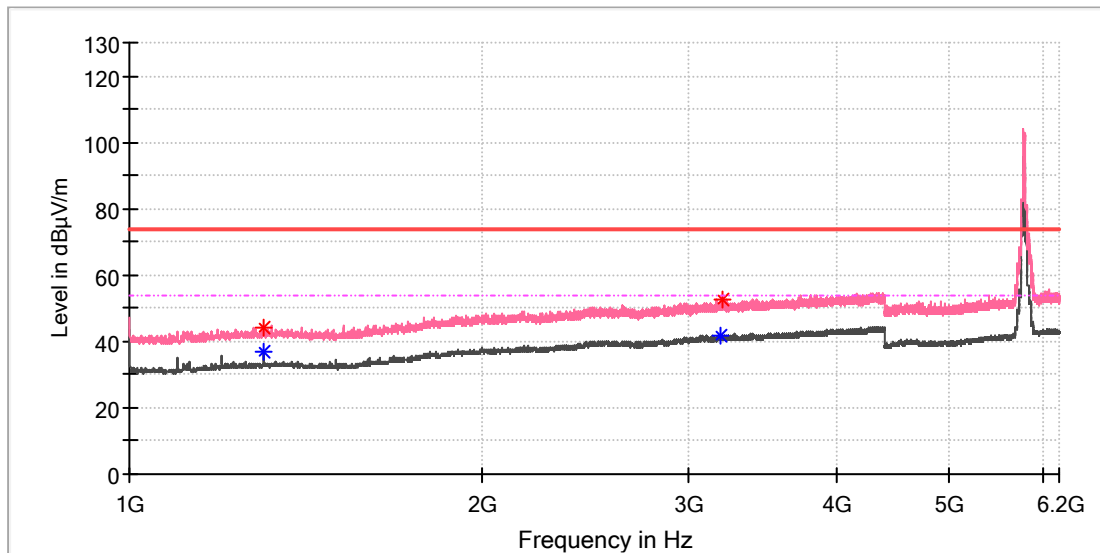
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1191.500000     | 43.28            | ---              | 74.00          | 30.72       | 150.0       | H   | 9.0           | 1.1          |
| 1200.000000     | ---              | 34.33            | 54.00          | 19.67       | 150.0       | H   | 44.0          | 1.1          |
| 3377.500000     | 52.72            | ---              | 74.00          | 21.28       | 150.0       | H   | 101.0         | 8.6          |
| 3406.500000     | ---              | 42.55            | 54.00          | 11.45       | 150.0       | H   | 51.0          | 8.7          |

## Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch157        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

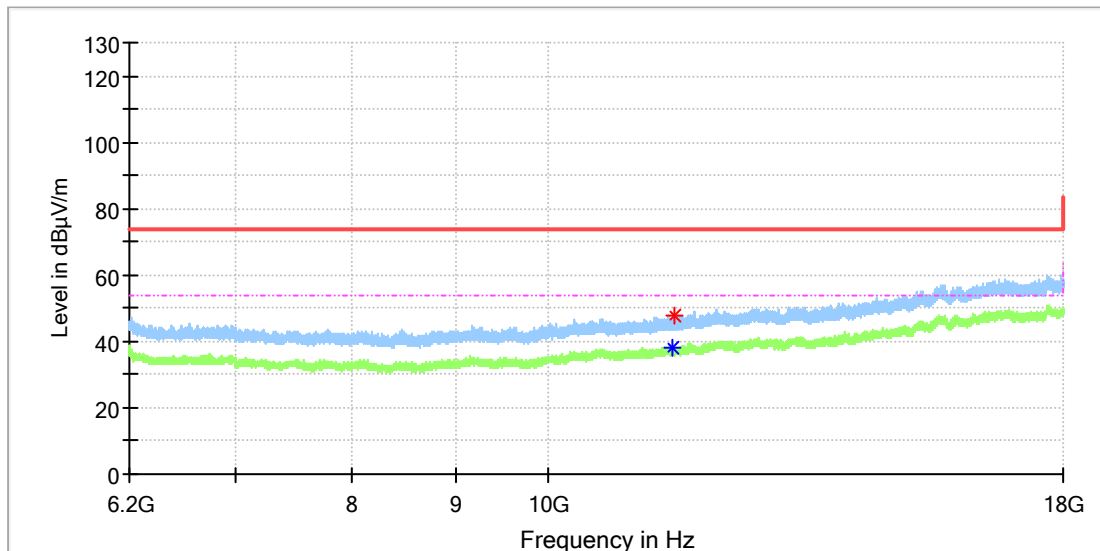
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1300.000000     | 44.29            | ---              | 74.00          | 29.71       | 150.0       | V   | 69.0          | 1.9          |
| 1300.000000     | ---              | 37.15            | 54.00          | 16.85       | 150.0       | V   | 69.0          | 1.9          |
| 3195.500000     | ---              | 41.71            | 54.00          | 12.29       | 150.0       | V   | 269.0         | 8.6          |
| 3198.000000     | 52.49            | ---              | 74.00          | 21.51       | 150.0       | V   | 113.0         | 8.6          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch157        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

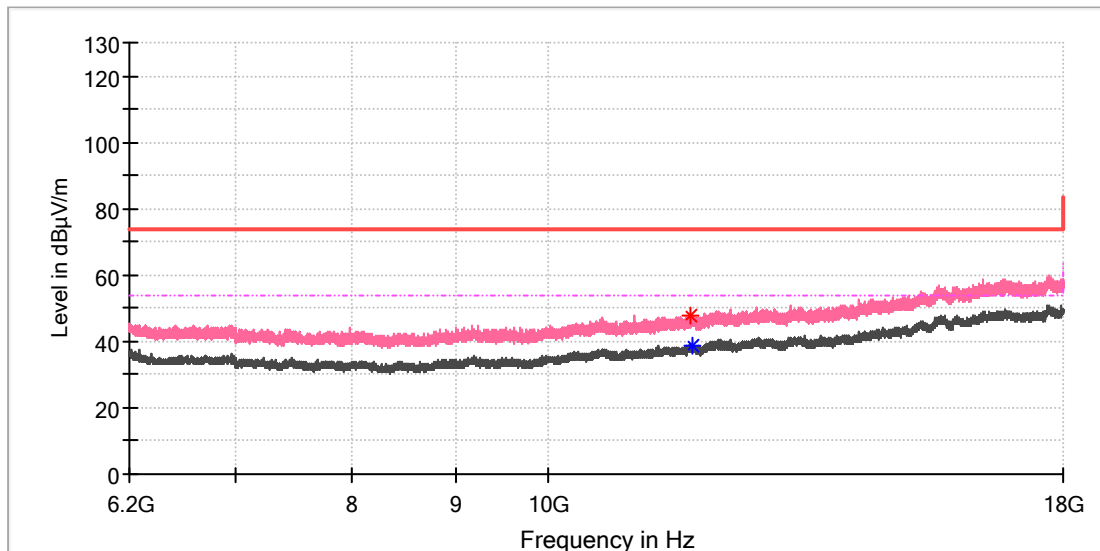
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 11526.225000    | ---              | 38.10            | 54.00          | 15.90       | 150.0       | H   | 20.0          | 13.6         |
| 11546.875000    | 47.70            | ---              | 74.00          | 26.30       | 150.0       | H   | 299.0         | 13.5         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch157        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

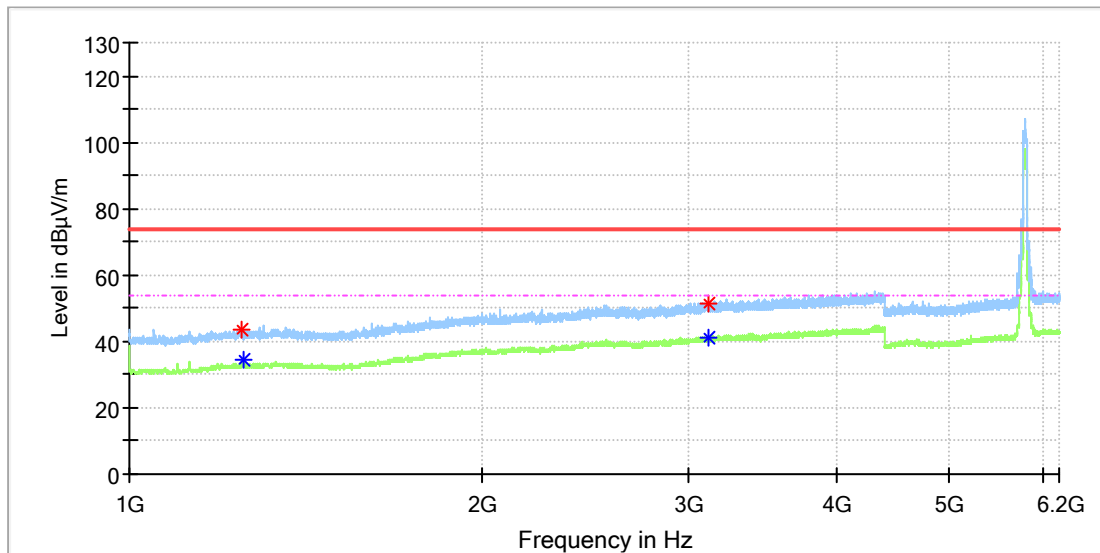
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 11767.633333    | 47.58            | ---              | 74.00          | 26.42       | 150.0       | V   | 248.0         | 13.4         |
| 11801.558333    | ---              | 38.93            | 54.00          | 15.07       | 150.0       | V   | 213.0         | 13.4         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac40_Ch159     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

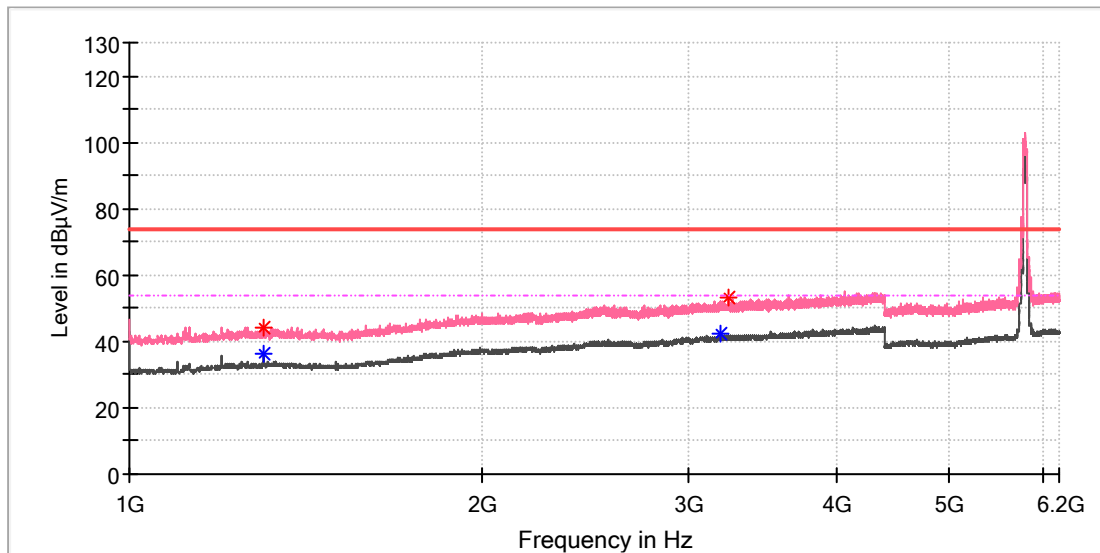
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1247.500000     | 43.67            | ---              | 74.00          | 30.33       | 150.0       | H   | 310.0         | 1.9          |
| 1250.000000     | ---              | 34.30            | 54.00          | 19.70       | 150.0       | H   | 264.0         | 1.9          |
| 3112.000000     | 51.44            | ---              | 74.00          | 22.56       | 150.0       | H   | 234.0         | 8.6          |
| 3115.500000     | ---              | 41.35            | 54.00          | 12.65       | 150.0       | H   | 288.0         | 8.6          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac40_Ch159     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

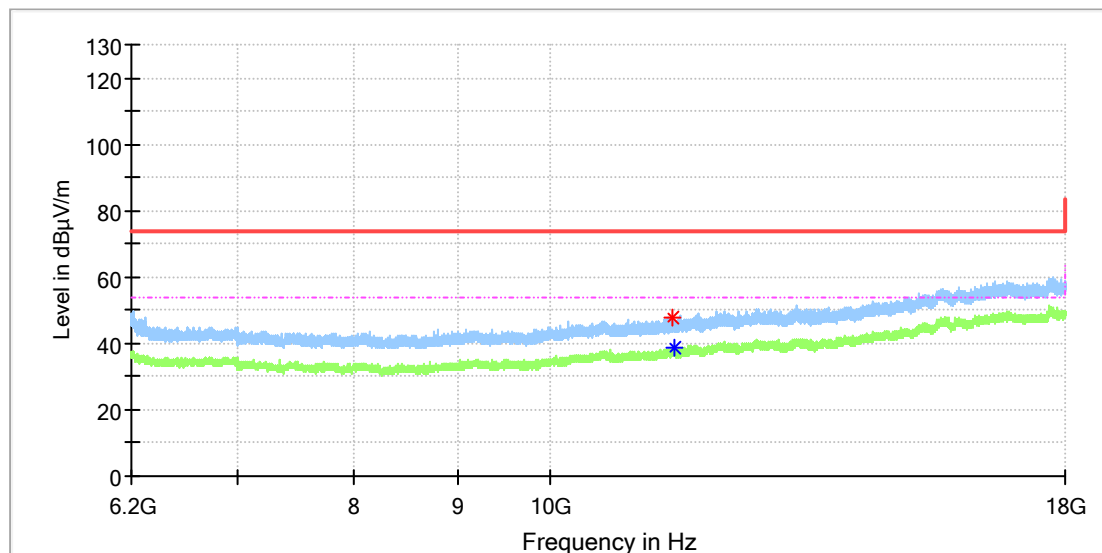
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1300.000000     | 44.28            | ---              | 74.00          | 29.72       | 150.0       | V   | 251.0         | 1.9          |
| 1300.000000     | ---              | 36.31            | 54.00          | 17.69       | 150.0       | V   | 251.0         | 1.9          |
| 3191.500000     | ---              | 42.28            | 54.00          | 11.72       | 150.0       | V   | 275.0         | 8.6          |
| 3239.000000     | 53.13            | ---              | 74.00          | 20.87       | 150.0       | V   | 337.0         | 8.5          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac40_Ch159     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

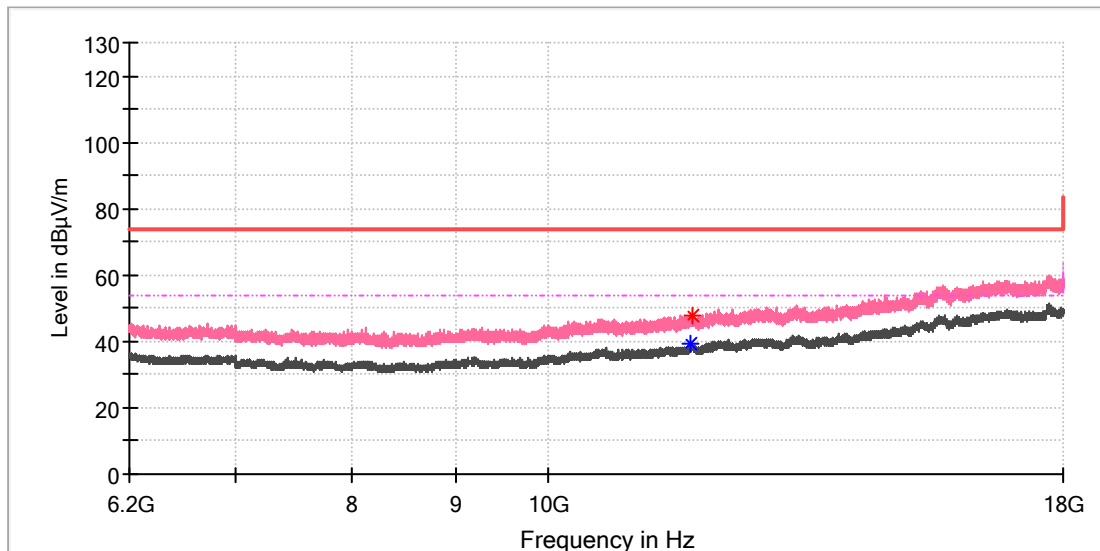
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 11500.658333    | 48.06            | ---              | 74.00          | 25.94       | 150.0       | H   | 122.0         | 13.7         |
| 11525.733333    | ---              | 38.71            | 54.00          | 15.29       | 150.0       | H   | 73.0          | 13.6         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac40_Ch159     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

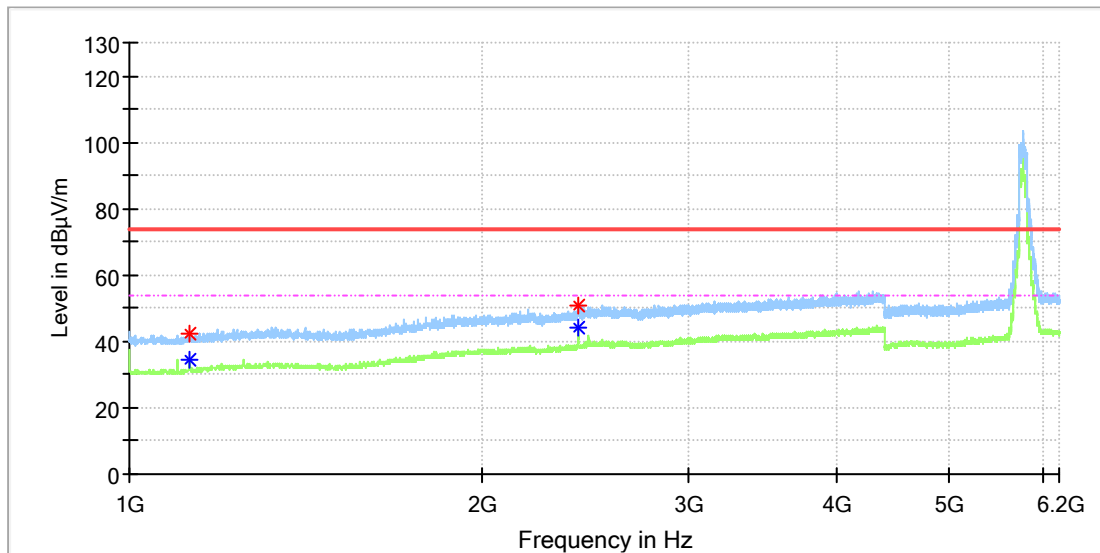
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 11761.241667    | ---              | 39.10            | 54.00          | 14.90       | 150.0       | V   | 90.0          | 13.4         |
| 11797.625000    | 47.84            | ---              | 74.00          | 26.16       | 150.0       | V   | 176.0         | 13.4         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

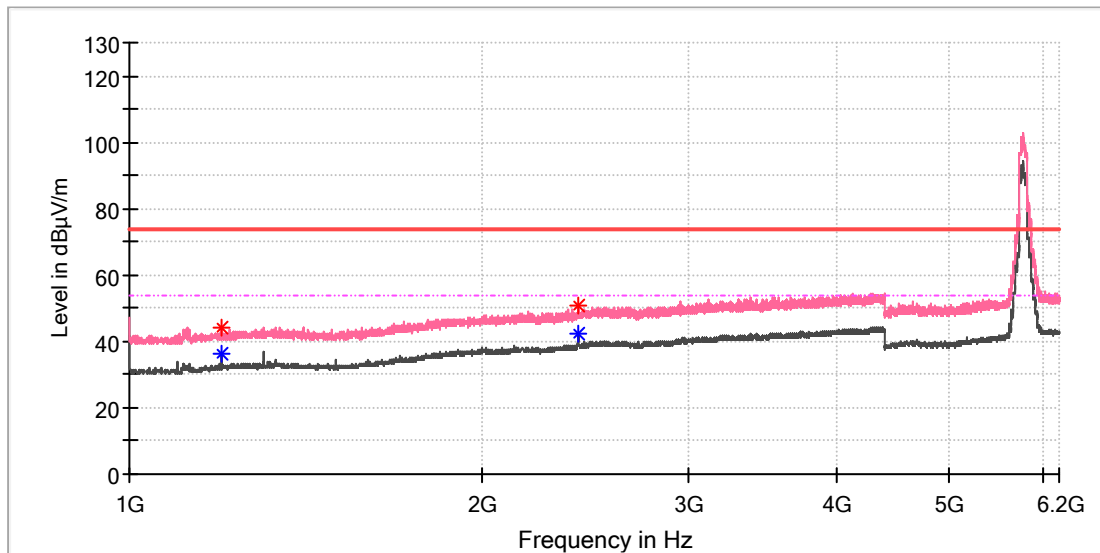
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1125.000000     | 42.37            | ---              | 74.00          | 31.63       | 150.0       | H   | 5.0           | 0.3          |
| 1125.000000     | ---              | 34.55            | 54.00          | 19.45       | 150.0       | H   | 5.0           | 0.3          |
| 2413.000000     | 50.83            | ---              | 74.00          | 23.17       | 150.0       | H   | 5.0           | 7.1          |
| 2413.000000     | ---              | 43.91            | 54.00          | 10.09       | 150.0       | H   | 5.0           | 7.1          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

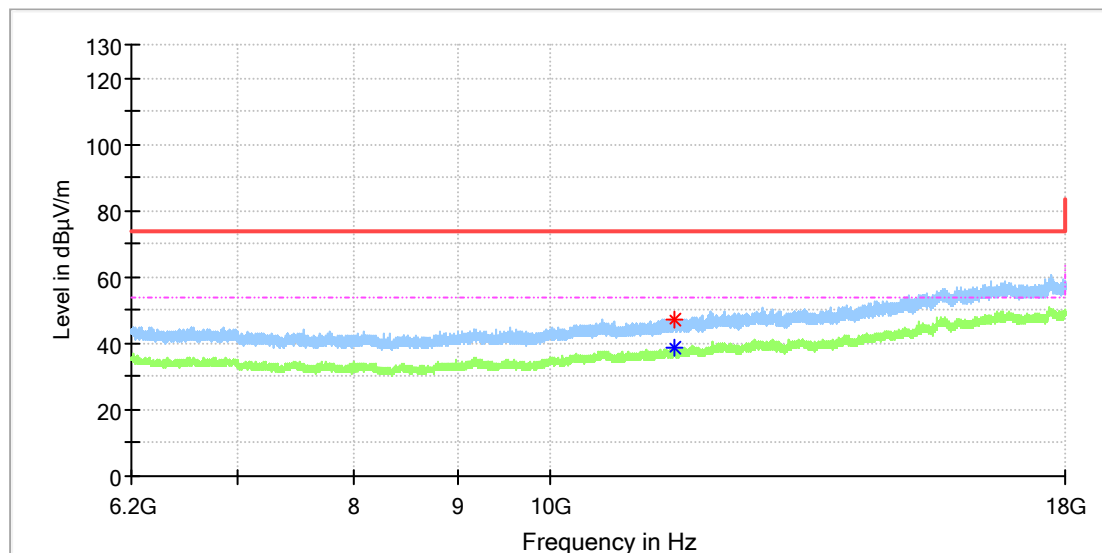
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1199.500000     | ---              | 36.12            | 54.00          | 17.88       | 150.0       | V   | 109.0         | 1.1          |
| 1200.000000     | 44.32            | ---              | 74.00          | 29.68       | 150.0       | V   | 164.0         | 1.1          |
| 2409.500000     | ---              | 42.27            | 54.00          | 11.73       | 150.0       | V   | 19.0          | 7.1          |
| 2410.500000     | 50.61            | ---              | 74.00          | 23.39       | 150.0       | V   | 92.0          | 7.1          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

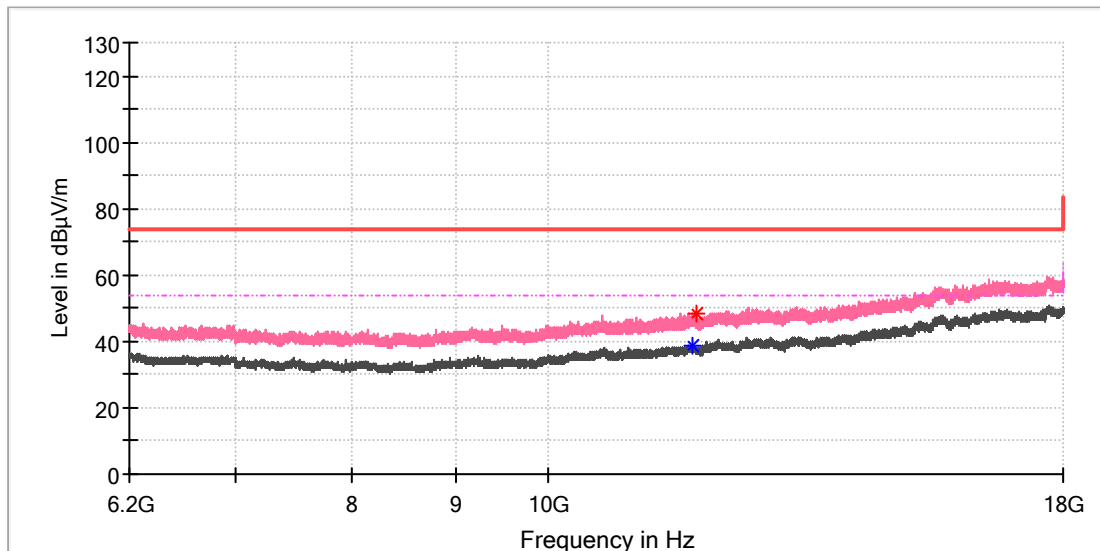
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 11513.441667    | ---              | 38.71            | 54.00          | 15.29       | 150.0       | H   | 51.0          | 13.6         |
| 11534.583333    | 47.40            | ---              | 74.00          | 26.60       | 150.0       | H   | 63.0          | 13.6         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

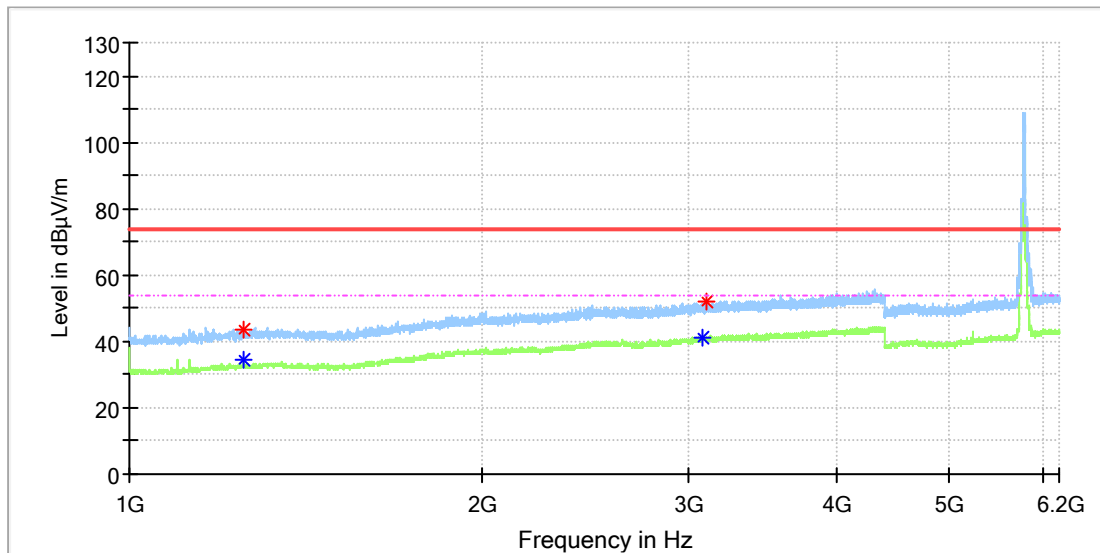
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 11783.858333    | ---              | 38.73            | 54.00          | 15.27       | 150.0       | V   | 0.0           | 13.4         |
| 11830.566667    | 48.63            | ---              | 74.00          | 25.37       | 150.0       | V   | 301.0         | 13.5         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ax20_Ch157     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

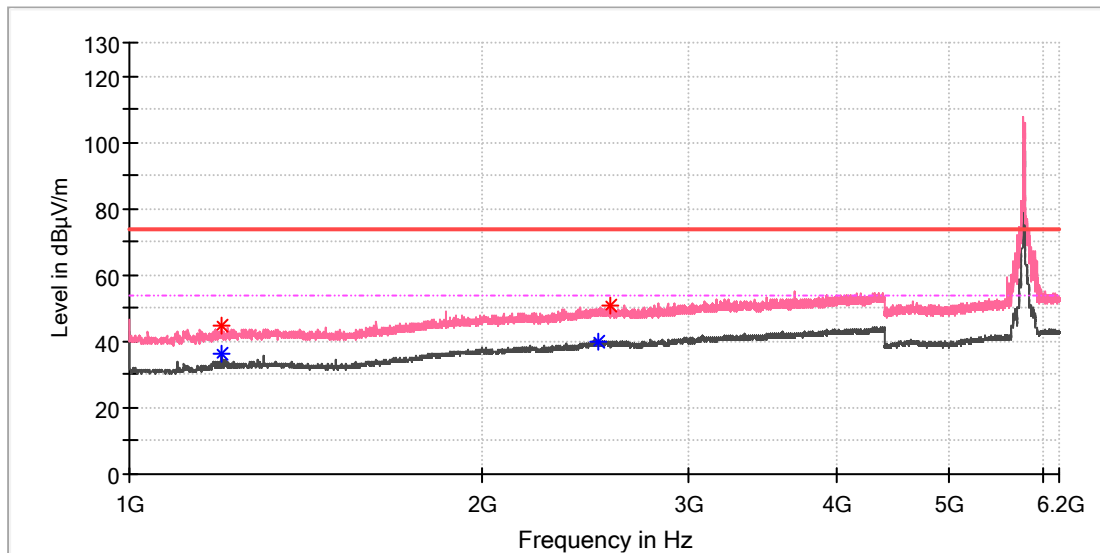
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1249.000000     | 43.78            | ---              | 74.00          | 30.22       | 150.0       | H   | 206.0         | 1.9          |
| 1250.000000     | ---              | 34.59            | 54.00          | 19.41       | 150.0       | H   | 248.0         | 1.9          |
| 3073.500000     | ---              | 41.04            | 54.00          | 12.96       | 150.0       | H   | 163.0         | 8.6          |
| 3100.500000     | 52.22            | ---              | 74.00          | 21.78       | 150.0       | H   | 262.0         | 8.7          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ax20_Ch157     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

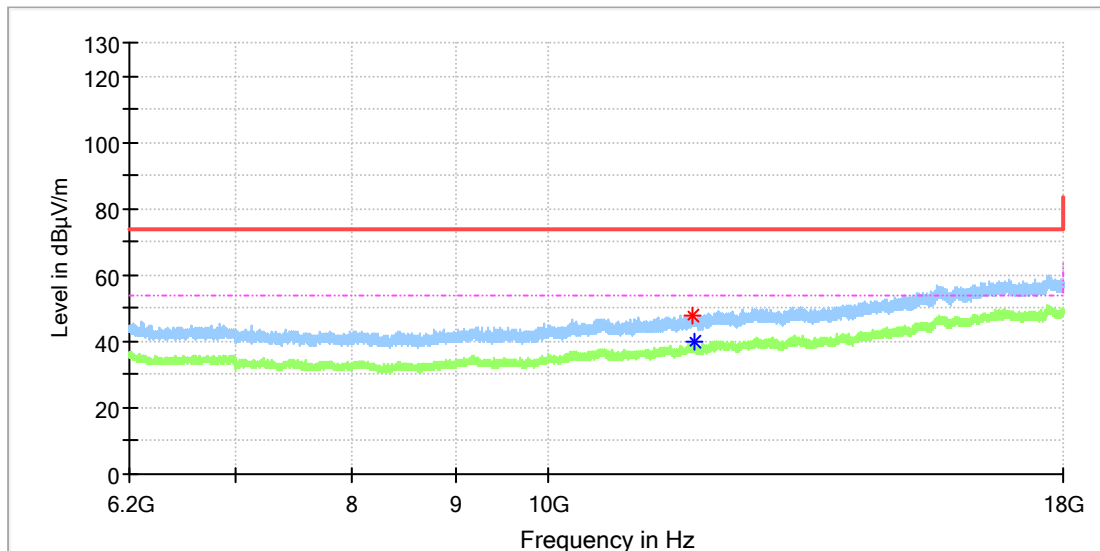
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1200.000000     | 44.99            | ---              | 74.00          | 29.01       | 150.0       | V   | 263.0         | 1.1          |
| 1200.000000     | ---              | 36.10            | 54.00          | 17.90       | 150.0       | V   | 263.0         | 1.1          |
| 2506.000000     | ---              | 40.21            | 54.00          | 13.79       | 150.0       | V   | 310.0         | 7.4          |
| 2570.000000     | 50.91            | ---              | 74.00          | 23.09       | 150.0       | V   | 221.0         | 7.5          |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ax20_Ch157     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

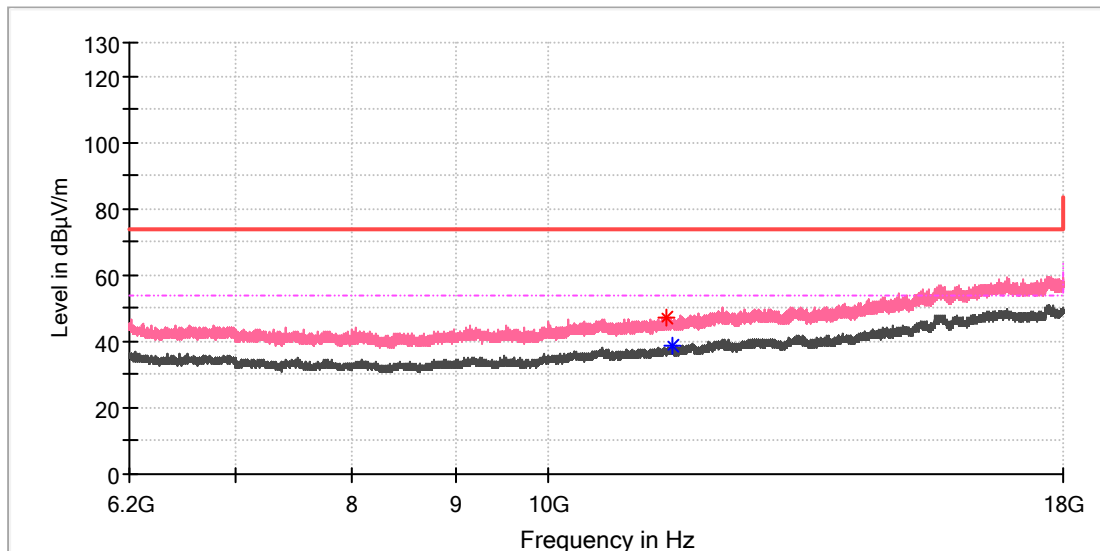
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 11789.758333    | 47.69            | ---              | 74.00          | 26.31       | 150.0       | H   | 54.0          | 13.4         |
| 11810.900000    | ---              | 39.96            | 54.00          | 14.04       | 150.0       | H   | 92.0          | 13.5         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ax20_Ch157     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 11449.033333    | 47.38            | ---              | 74.00          | 26.62       | 150.0       | V   | 290.0         | 13.3         |
| 11532.616667    | ---              | 38.93            | 54.00          | 15.07       | 150.0       | V   | 216.0         | 13.6         |

## Final Result

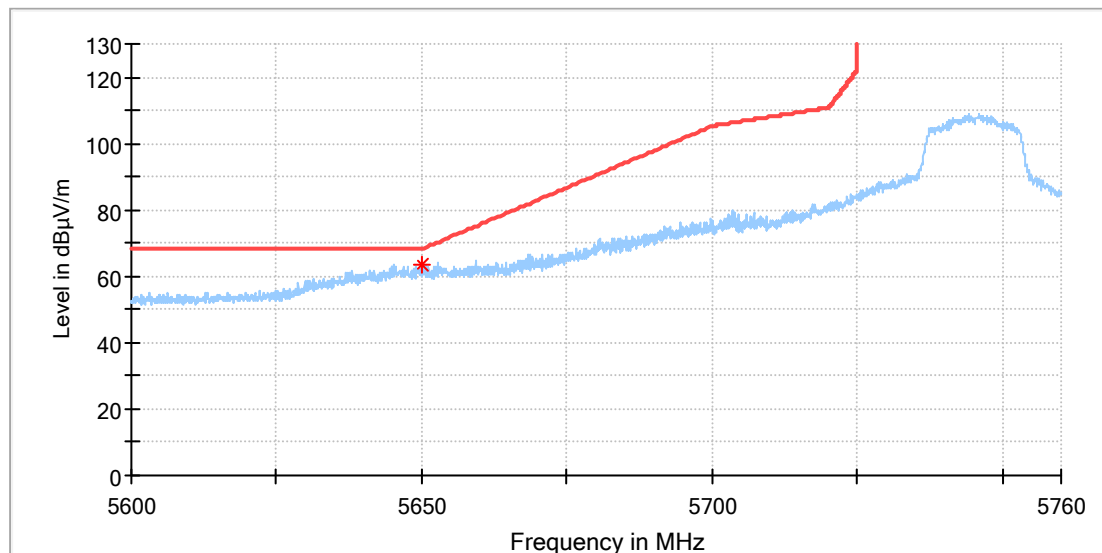
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---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

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

### Wi-Fi 802.11 a mode

#### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch149        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



#### Critical\_Freqs

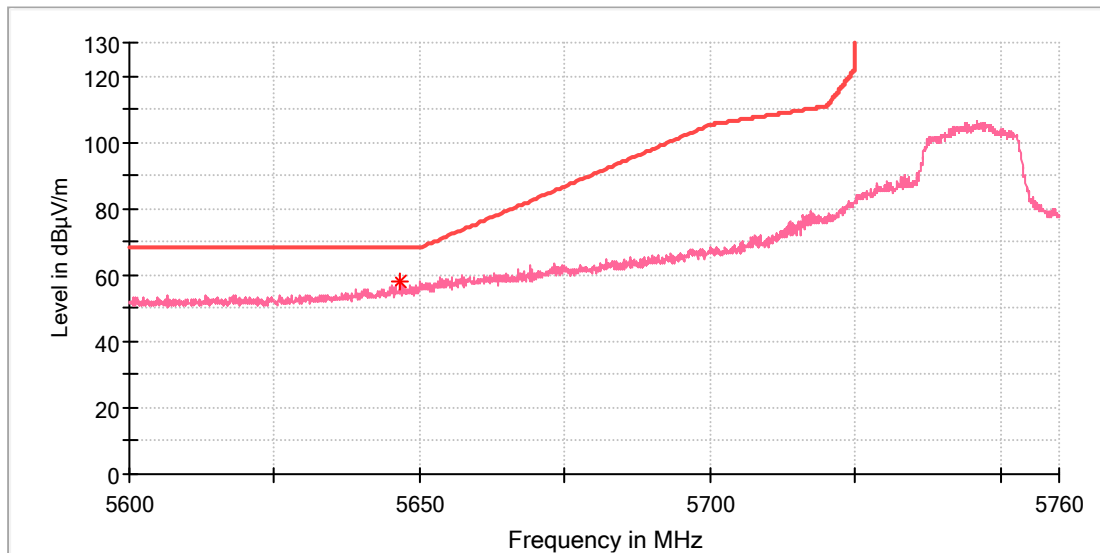
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5649.988889     | 63.73            | 68.20          | 4.47        | 150.0       | H   | 104.0         | 13.8         |

#### Final\_Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch149        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

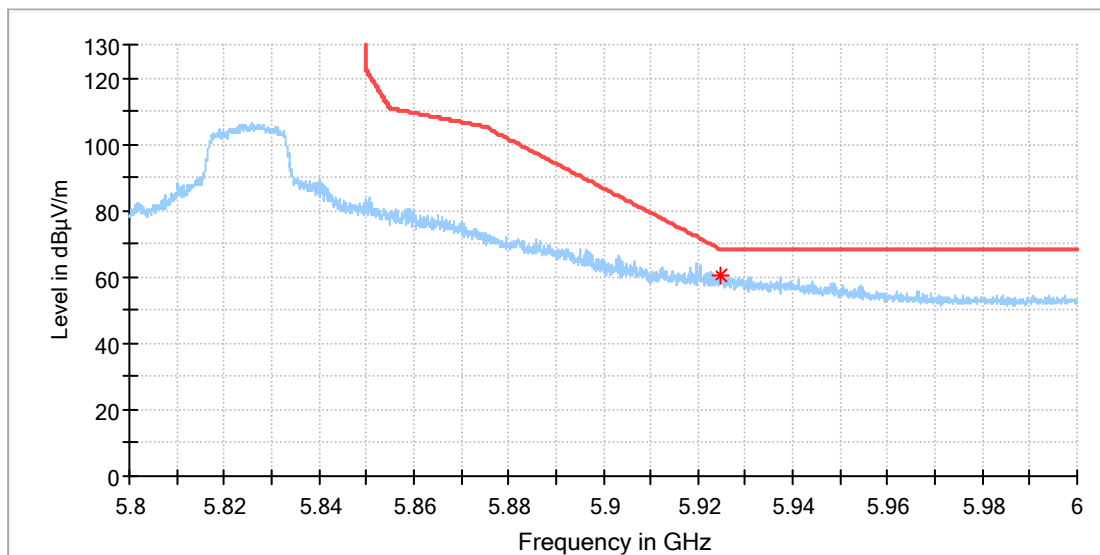
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5646.505556     | 57.81            | 68.20          | 10.39       | 150.0       | V   | 0.0           | 13.8         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch165        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

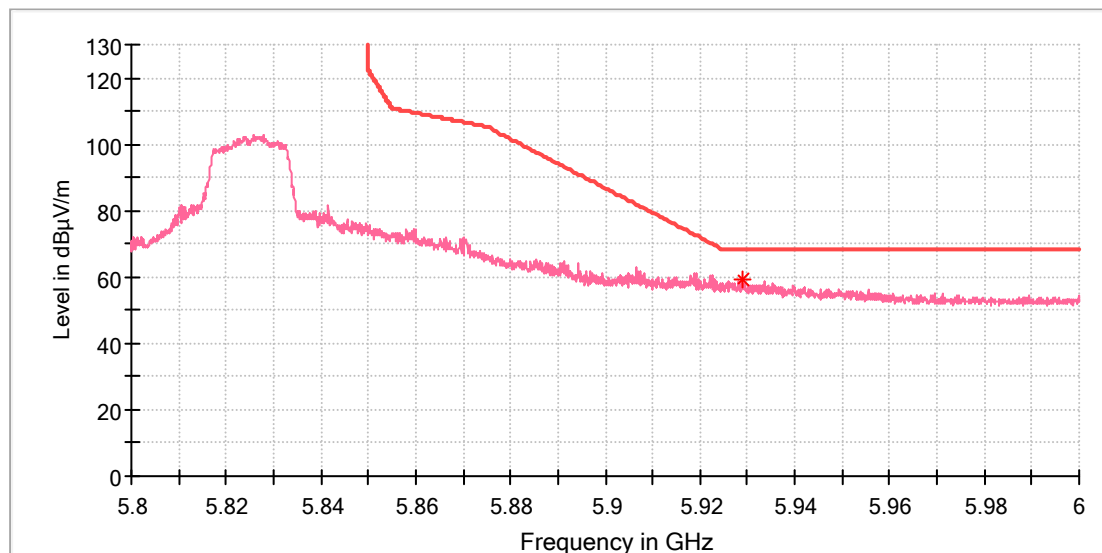
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5924.680556     | 60.62            | 68.44          | 7.82        | 150.0       | H   | 70.0          | 14.6         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11a_Ch165        |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5928.805556     | 59.00            | 68.20          | 9.20        | 150.0       | V   | 262.0         | 14.7         |

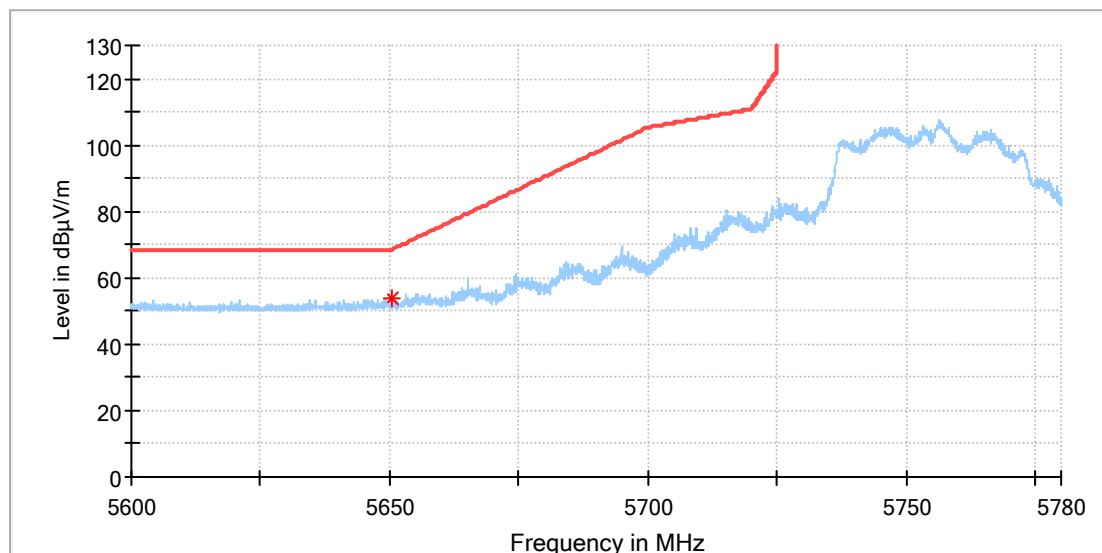
## Final Result

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

## Wi-Fi 802.11 ac(VHT40) mode

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac40_Ch151     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

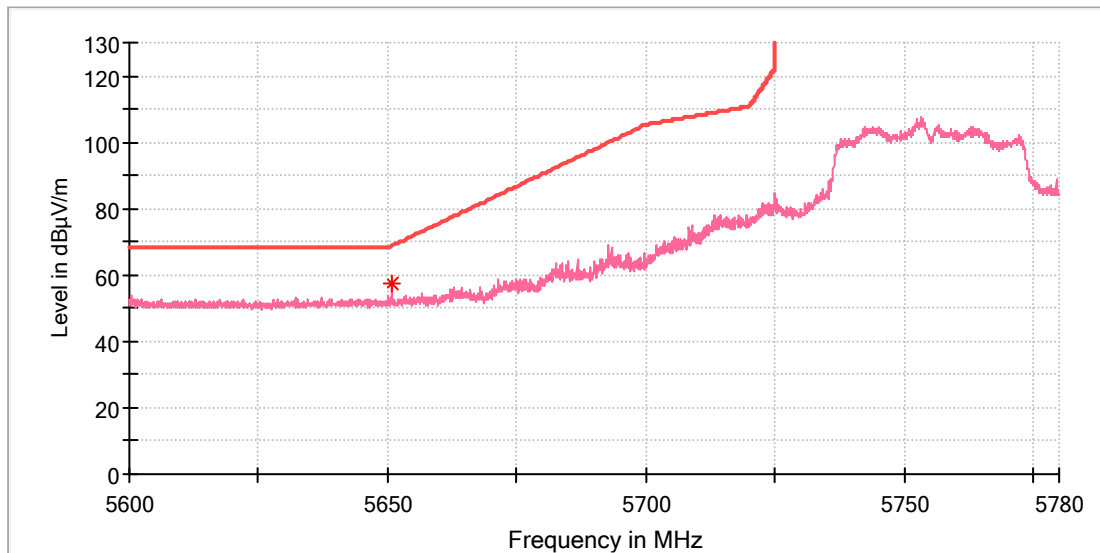
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5650.355556     | 54.10            | 68.46          | 14.36       | 150.0       | H   | 103.0         | 13.8         |

### Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac40_Ch151     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

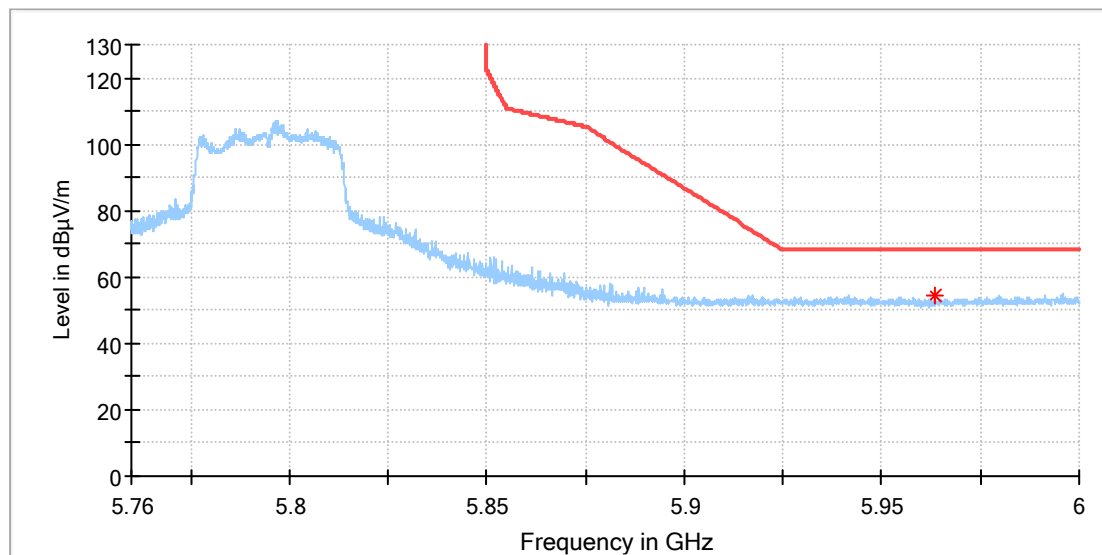
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5650.905556     | 57.51            | 68.87          | 11.37       | 150.0       | V   | 80.0          | 13.8         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac40_Ch159     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

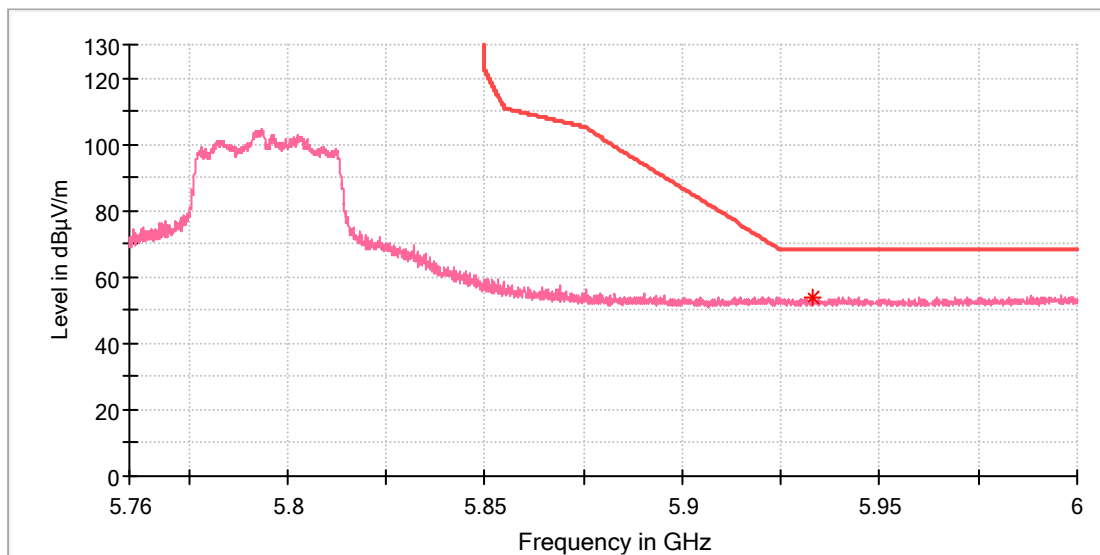
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5963.486111     | 54.13            | 68.20          | 14.07       | 150.0       | H   | 22.0          | 14.8         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac40_Ch159     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5932.930556     | 53.93            | 68.20          | 14.27       | 150.0       | V   | 72.0          | 14.7         |

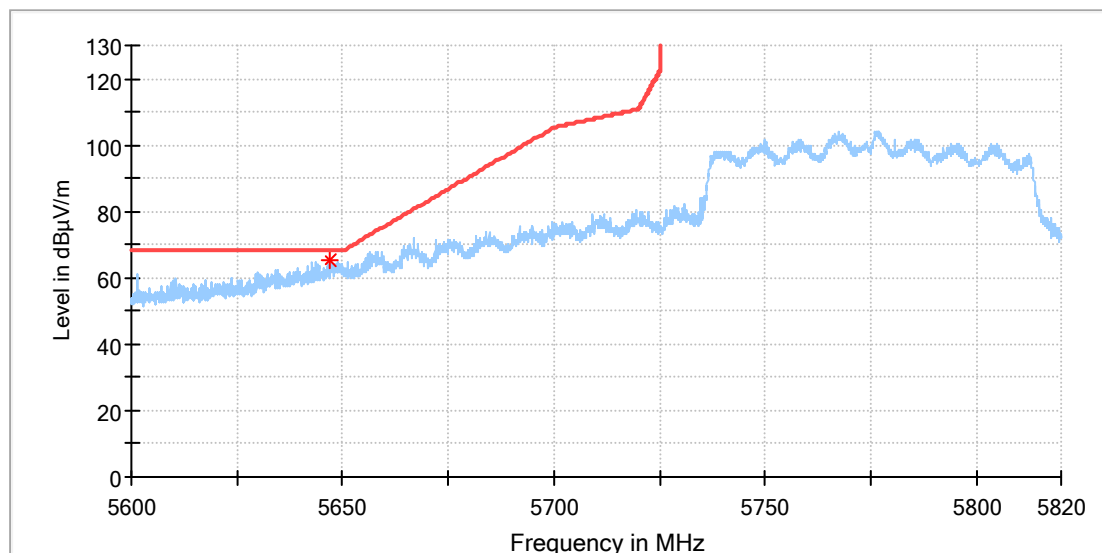
## Final Result

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

## Wi-Fi 802.11 ac(VHT80) mode

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

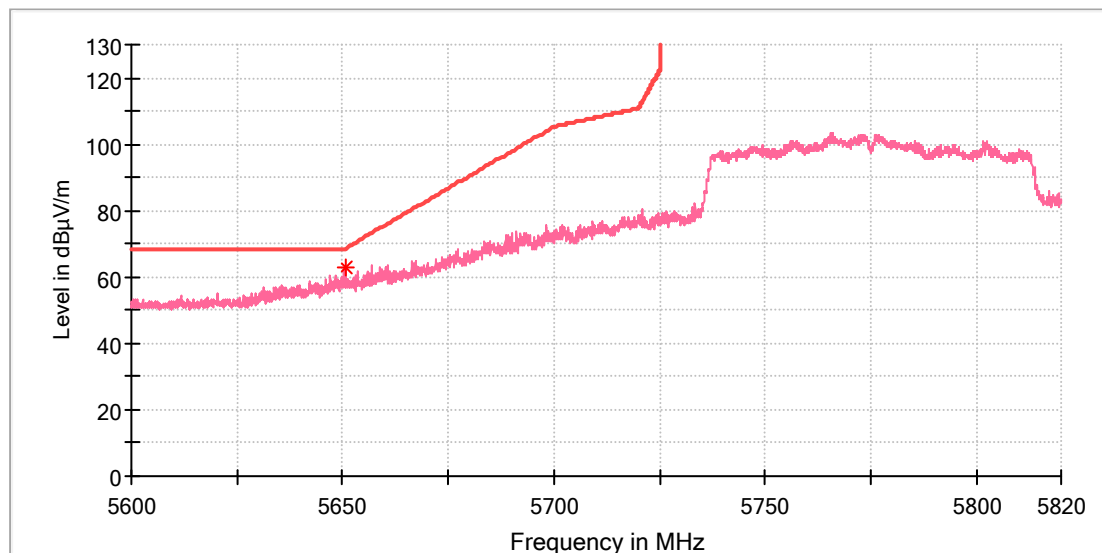
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5646.811111     | 65.34            | 68.20          | 2.86        | 150.0       | H   | 270.0         | 13.8         |

### Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

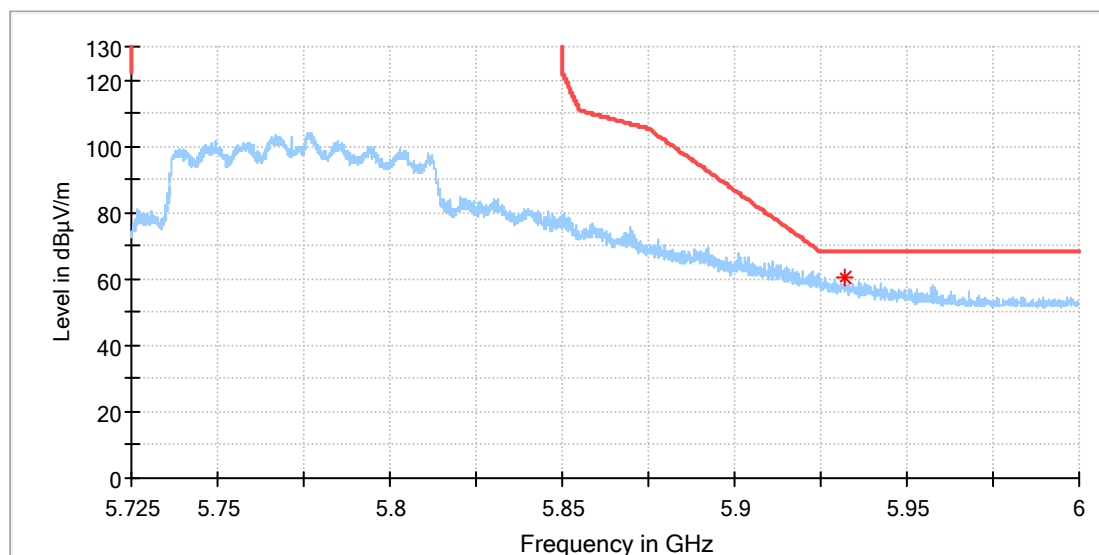
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5650.783333     | 62.86            | 68.78          | 5.92        | 150.0       | V   | 265.0         | 13.8         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

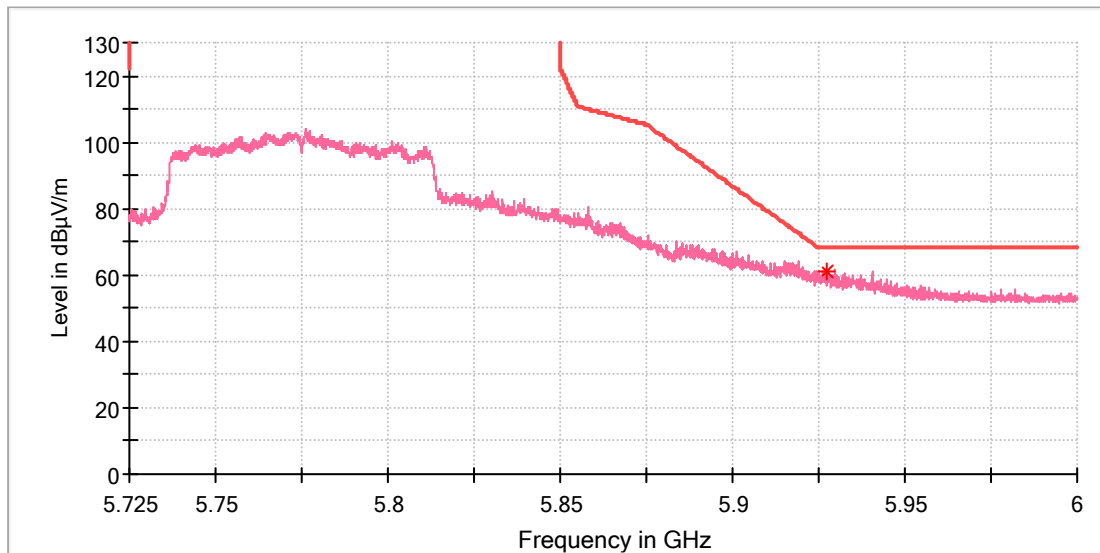
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5932.090278     | 60.19            | 68.20          | 8.01        | 150.0       | H   | 266.0         | 14.7         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ac80_Ch155     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5927.506945     | 61.03            | 68.20          | 7.17        | 150.0       | V   | 125.0         | 14.7         |

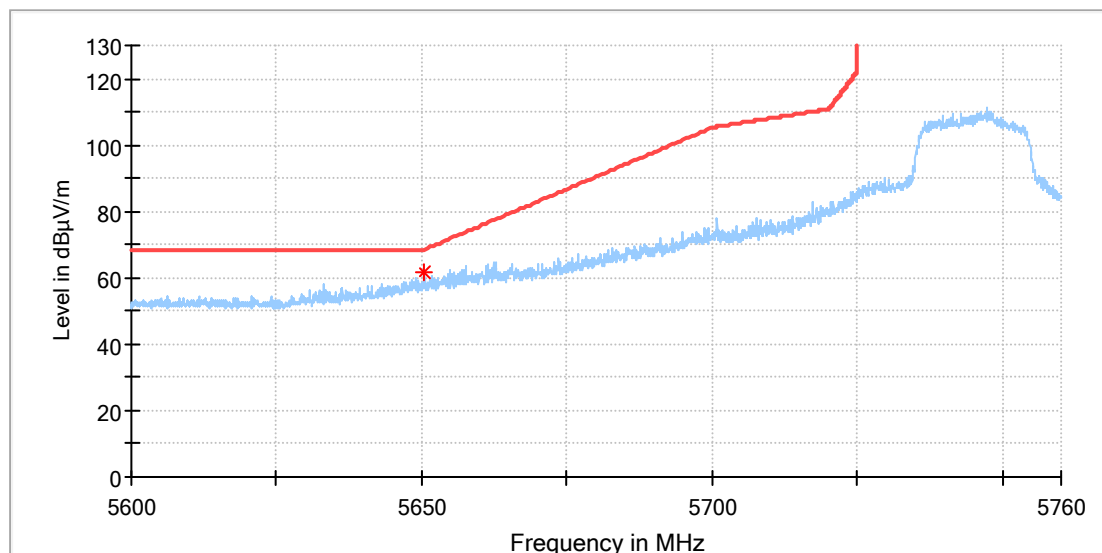
## Final Result

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

## Wi-Fi 802.11 ax(HE20) mode

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ax20_Ch149     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

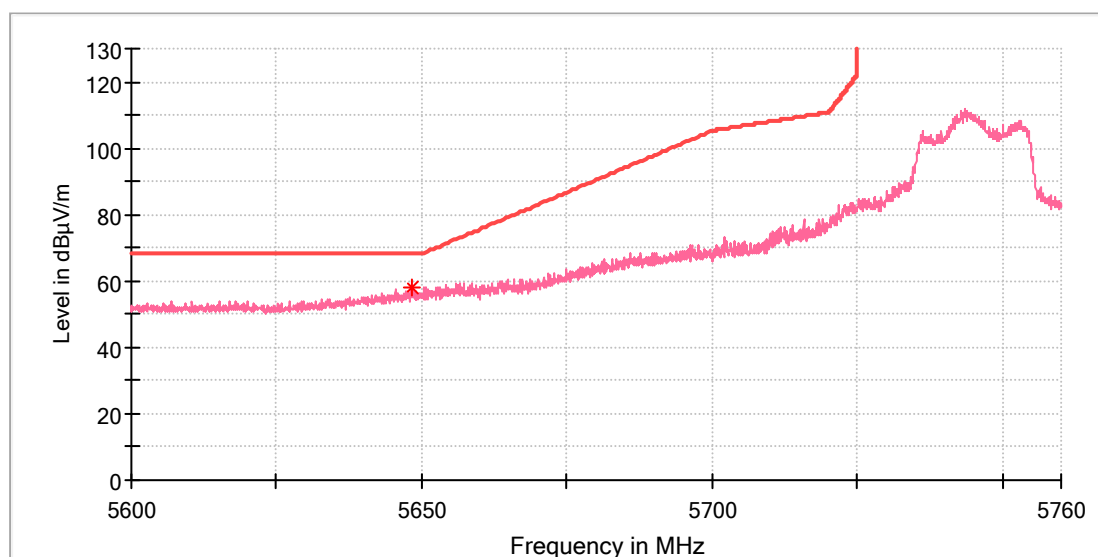
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5650.477778     | 61.74            | 68.56          | 6.82        | 150.0       | H   | 101.0         | 13.8         |

### Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ax20_Ch149     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

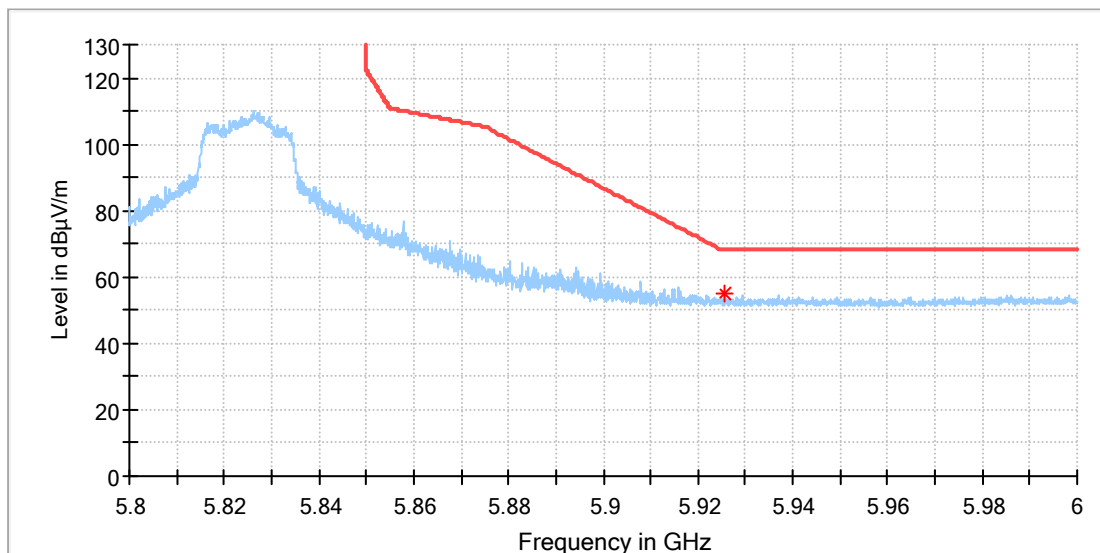
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5648.155556     | 58.09            | 68.20          | 10.11       | 150.0       | V   | 96.0          | 13.8         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ax20_Ch165     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| Test Standard:      | FCC 15.407               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

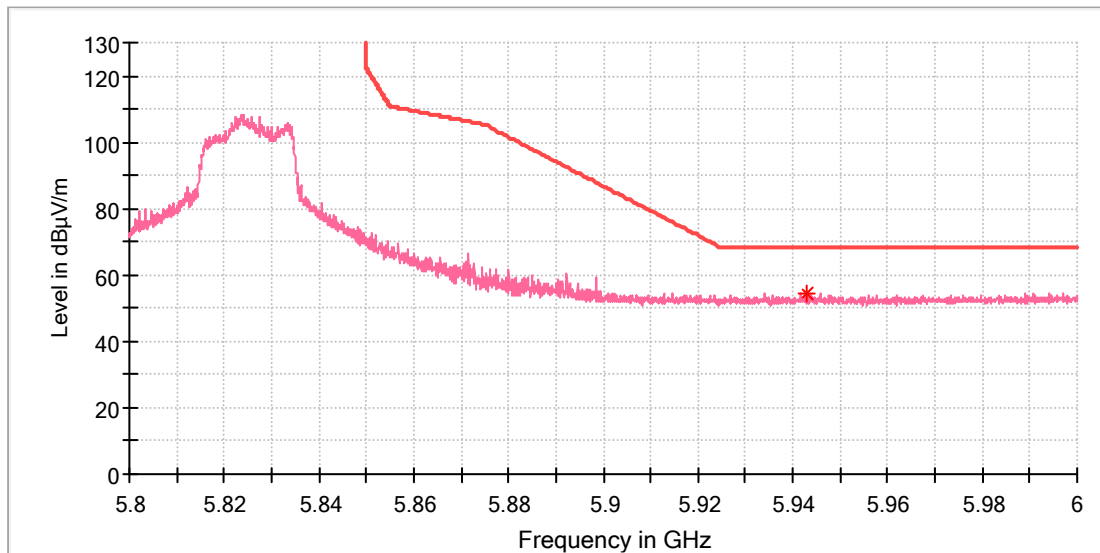
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5925.750000     | 54.78            | 68.20          | 13.42       | 150.0       | H   | 76.0          | 14.7         |

## Final Result

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | Controller               |
| Model:              | RC520                    |
| Test Mode:          | WIFI 5G_11ax20_Ch165     |
| Order No/Sample No: | 168484699/A003743309-004 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 23 Humi:58%         |
| 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5942.937500     | 54.42            | 68.20          | 13.78       | 150.0       | V   | 157.0         | 14.7         |

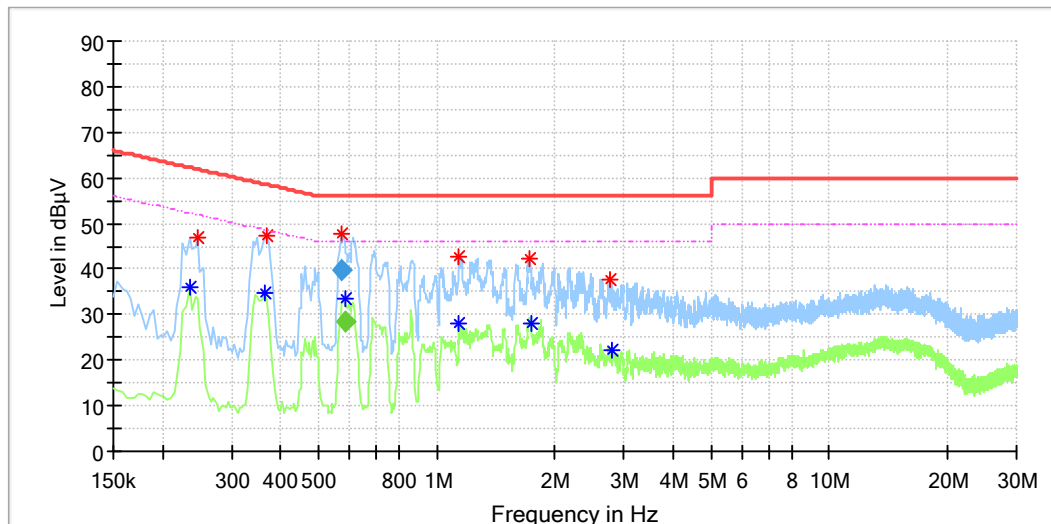
## Final Result

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

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

### EUT Information

|                     |                       |
|---------------------|-----------------------|
| EUT Name:           | Controller            |
| Order Number:       | 168484699             |
| Model:              | RC520                 |
| Test Mode:          | Wi-Fi connecting      |
| Test Voltage:       | AC 120V/60Hz          |
| Test Standard:      | FCC Part 15           |
| Test By:/Review By: | Steve Lan/ Shower Dai |
| Tem./Hum./Pressure: | 23.4°C/51.2%/101kPa   |
| Remark:             | SR2                   |



### Critical Freqs

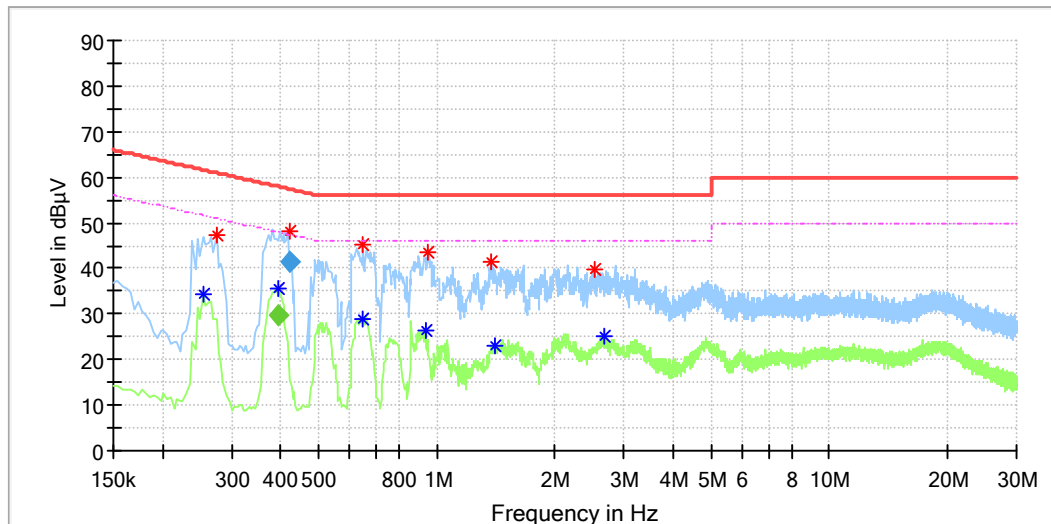
| Frequency (MHz) | MaxPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.234000        | ---            | 36.19          | 52.31        | 16.11       | L1   | 9.9        |
| 0.246000        | 46.90          | ---            | 61.89        | 14.99       | L1   | 9.9        |
| 0.366000        | ---            | 34.87          | 48.59        | 13.72       | L1   | 9.9        |
| 0.370000        | 47.44          | ---            | 58.50        | 11.06       | L1   | 9.9        |
| 0.573500        | 47.72          | ---            | 56.00        | 8.28        | L1   | 10.0       |
| 0.582500        | ---            | 33.29          | 46.00        | 12.71       | L1   | 10.0       |
| 1.142000        | ---            | 28.04          | 46.00        | 17.96       | L1   | 10.1       |
| 1.142000        | 42.52          | ---            | 56.00        | 13.48       | L1   | 10.1       |
| 1.722000        | 42.30          | ---            | 56.00        | 13.70       | L1   | 10.1       |
| 1.738000        | ---            | 27.91          | 46.00        | 18.09       | L1   | 10.1       |
| 2.766000        | 37.79          | ---            | 56.00        | 18.21       | L1   | 10.2       |
| 2.810000        | ---            | 22.21          | 46.00        | 23.79       | L1   | 10.2       |

### Final Result

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 0.573500        | 39.89            | ---            | 56.00        | 16.11       | 1000.0          | 9.000           | L1   | 10.0       |
| 0.582500        | ---              | 28.32          | 46.00        | 17.68       | 1000.0          | 9.000           | L1   | 10.0       |

## EUT Information

EUT Name: Controller  
Order Number: 168484699  
Model: RC520  
Test Mode: Wi-Fi connecting  
Test Voltage: AC 120V/60Hz  
Test Standard: FCC Part 15  
Test By:/Review By: Steve Lan/ Shower Dai  
Tem./Hum./Pressure: 23.4°C/51.2%/101kPa  
Remark: SR2



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.254000        | ---            | 34.16          | 51.63        | 17.46       | N    | 9.8        |
| 0.274000        | 47.22          | ---            | 61.00        | 13.78       | N    | 9.8        |
| 0.394500        | ---            | 35.51          | 48.06        | 12.55       | N    | 9.8        |
| 0.422500        | 48.23          | ---            | 57.49        | 9.26        | N    | 9.8        |
| 0.650000        | ---            | 28.76          | 46.00        | 17.24       | N    | 9.8        |
| 0.650000        | 45.18          | ---            | 56.00        | 10.82       | N    | 9.8        |
| 0.934000        | ---            | 26.43          | 46.00        | 19.58       | N    | 9.8        |
| 0.954000        | 43.39          | ---            | 56.00        | 12.61       | N    | 9.8        |
| 1.374000        | 41.27          | ---            | 56.00        | 14.73       | N    | 9.8        |
| 1.414000        | ---            | 23.18          | 46.00        | 22.82       | N    | 9.8        |
| 2.526000        | 39.84          | ---            | 56.00        | 16.16       | N    | 9.9        |
| 2.674000        | ---            | 25.08          | 46.00        | 20.92       | N    | 9.9        |

## Final\_Result

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 0.394500        | ---              | 29.67          | 47.97        | 18.29       | 1000.0          | 9.000           | N    | 9.8        |
| 0.422500        | 41.58            | ---            | 57.40        | 15.82       | 1000.0          | 9.000           | N    | 9.8        |