

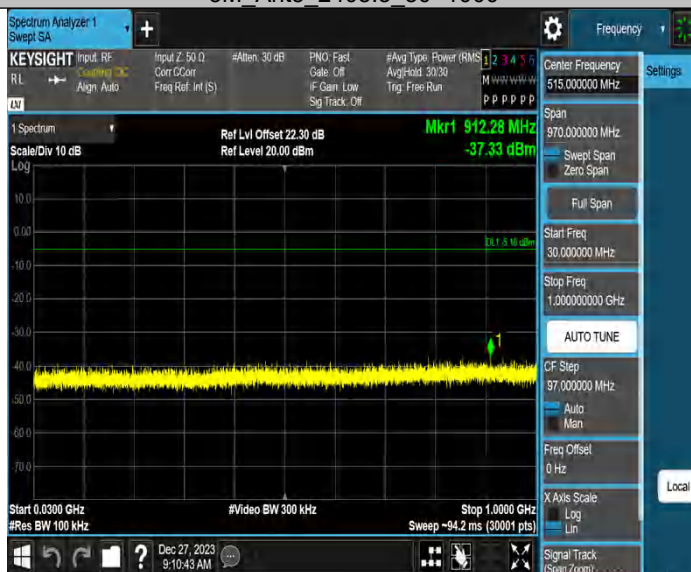
2.4GHz SDR, 3MHz BW

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 3M       | Ant3    | 2405.5  | Reference          | 24.84             | 24.84           | ---            | PASS    |
|          |         |         | 30~1000            | 24.84             | -37.33          | ≤-5.16         | PASS    |
|          |         |         | 1000~26500         | 24.84             | -28.96          | ≤-5.16         | PASS    |
|          |         | 2435.5  | Reference          | 24.03             | 24.03           | ---            | PASS    |
|          |         |         | 30~1000            | 24.03             | -37.2           | ≤-5.97         | PASS    |
|          |         |         | 1000~26500         | 24.03             | -28.84          | ≤-5.97         | PASS    |
|          |         | 2465.5  | Reference          | 21.66             | 21.66           | ---            | PASS    |
|          |         |         | 30~1000            | 21.66             | -36.76          | ≤-8.34         | PASS    |
|          |         |         | 1000~26500         | 21.66             | -28.31          | ≤-8.34         | PASS    |

### 3M Ant3 2405.5 0~Reference



### 3M Ant3 2405.5 30~1000



### 3M Ant3 2405.5 1000~26500



3M\_Ant3\_2435.5\_0~Reference



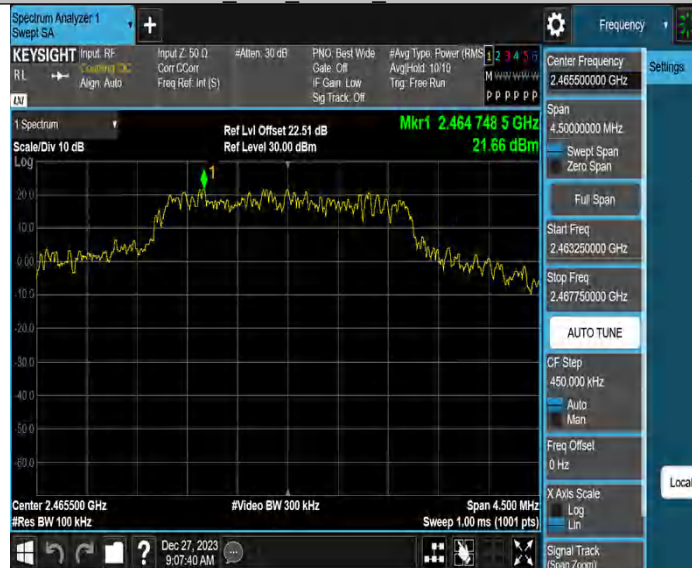
3M\_Ant3\_2435.5\_30~1000



3M\_Ant3\_2435.5\_1000~26500



3M Ant3 2465.5 0~Reference



3M Ant3 2465.5 30~1000



3M Ant3 2465.5 1000~26500



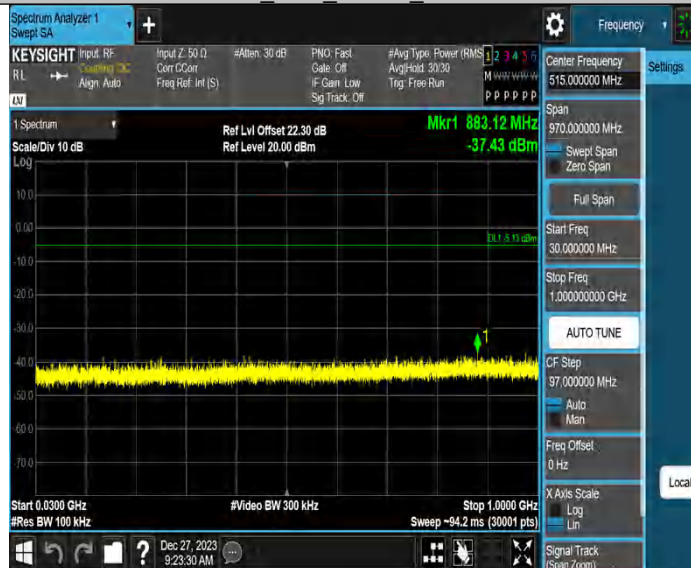
2.4GHz SDR, 3MHz BW CA mode

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 3MCA     | Ant3    | 2408.2  | Reference          | 24.87             | 24.87           | ---            | PASS    |
|          |         |         | 30~1000            | 24.87             | -37.43          | ≤-5.13         | PASS    |
|          |         |         | 1000~26500         | 24.87             | -28.4           | ≤-5.13         | PASS    |
|          |         | 2438.2  | Reference          | 24.17             | 24.17           | ---            | PASS    |
|          |         |         | 30~1000            | 24.17             | -37.54          | ≤-5.83         | PASS    |
|          |         |         | 1000~26500         | 24.17             | -28.06          | ≤-5.83         | PASS    |
|          |         | 2468.2  | Reference          | 17.91             | 17.91           | ---            | PASS    |
|          |         |         | 30~1000            | 17.91             | -37.51          | ≤-12.09        | PASS    |
|          |         |         | 1000~26500         | 17.91             | -28.45          | ≤-12.09        | PASS    |

### 3MCA\_Ant3\_2408.2\_0~Reference



### 3MCA\_Ant3\_2408.2\_30~1000



### 3MCA\_Ant3\_2408.2\_1000~26500



### 3MCA\_Ant3\_2438.2\_0~Reference



### 3MCA\_Ant3\_2438.2\_30~1000



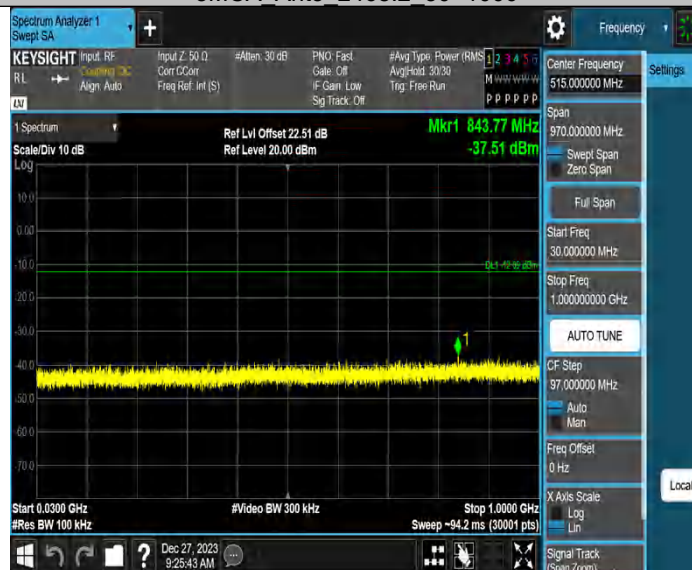
### 3MCA\_Ant3\_2438.2\_1000~26500



3MCA\_Ant3\_2468.2\_0~Reference



3MCA\_Ant3\_2468.2\_30~1000



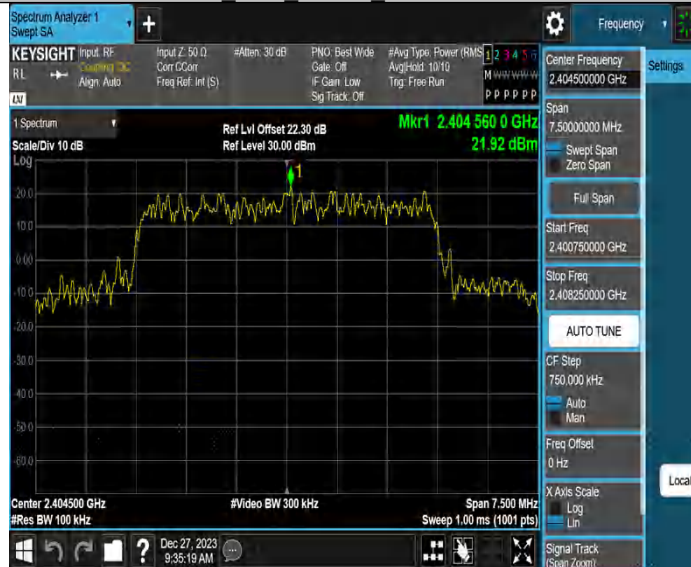
3MCA\_Ant3\_2468.2\_1000~26500



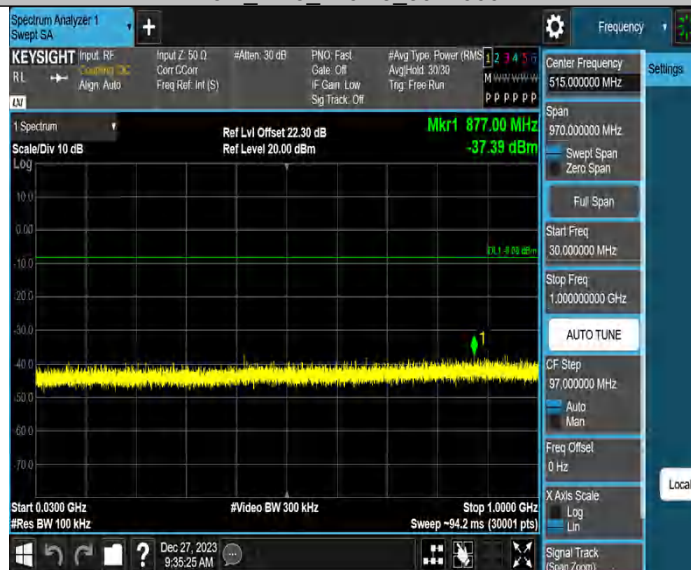
2.4GHz SDR, 5MHz BW

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 5M       | Ant3    | 2404.5  | Reference          | 21.92             | 21.92           | ---            | PASS    |
|          |         |         | 30~1000            | 21.92             | -37.39          | ≤-8.08         | PASS    |
|          |         |         | 1000~26500         | 21.92             | -28.68          | ≤-8.08         | PASS    |
|          |         | 2434.5  | Reference          | 23.08             | 23.08           | ---            | PASS    |
|          |         |         | 30~1000            | 23.08             | -36.83          | ≤-6.92         | PASS    |
|          |         |         | 1000~26500         | 23.08             | -28.89          | ≤-6.92         | PASS    |
|          |         | 2469.5  | Reference          | 17.22             | 17.22           | ---            | PASS    |
|          |         |         | 30~1000            | 17.22             | -38.12          | ≤-12.78        | PASS    |
|          |         |         | 1000~26500         | 17.22             | -27.14          | ≤-12.78        | PASS    |

5M Ant3 2404.5 0~Reference



5M Ant3 2404.5 30~1000



5M Ant3 2404.5 1000~26500



5M\_Ant3\_2434.5\_0~Reference



5M\_Ant3\_2434.5\_30~1000



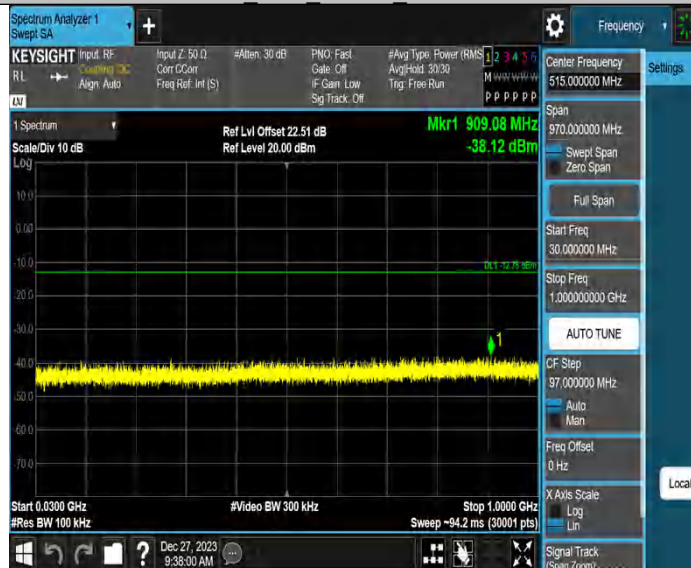
5M\_Ant3\_2434.5\_1000~26500



5M Ant3 2469.5 0~Reference



5M Ant3 2469.5 30~1000



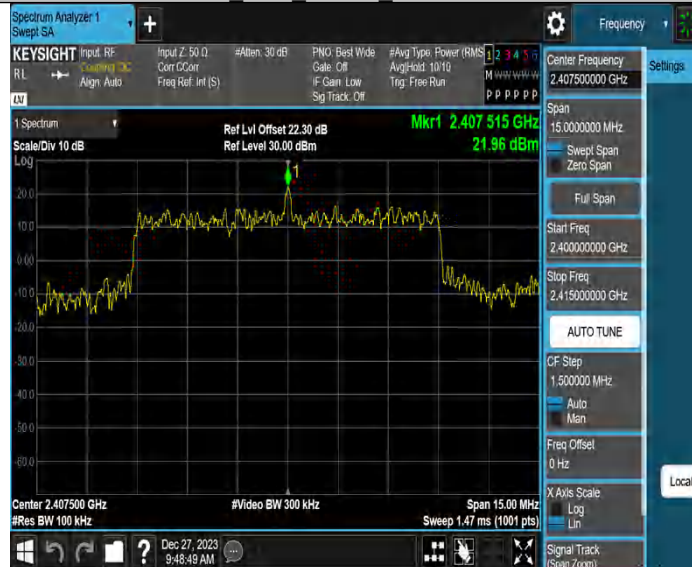
5M Ant3 2469.5 1000~26500



2.4GHz SDR, 10MHz BW

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 10M      | Ant3    | 2407.5  | Reference          | 21.96             | 21.96           | ---            | PASS    |
|          |         |         | 30~1000            | 21.96             | -37.76          | ≤-8.04         | PASS    |
|          |         |         | 1000~26500         | 21.96             | -28.82          | ≤-8.04         | PASS    |
|          |         | 2437.5  | Reference          | 22.49             | 22.49           | ---            | PASS    |
|          |         |         | 30~1000            | 22.49             | -37.38          | ≤-7.51         | PASS    |
|          |         |         | 1000~26500         | 22.49             | -28.33          | ≤-7.51         | PASS    |
|          |         | 2467.5  | Reference          | 19.32             | 19.32           | ---            | PASS    |
|          |         |         | 30~1000            | 19.32             | -37.95          | ≤-10.68        | PASS    |
|          |         |         | 1000~26500         | 19.32             | -28.64          | ≤-10.68        | PASS    |

10M Ant3 2407.5 0~Reference



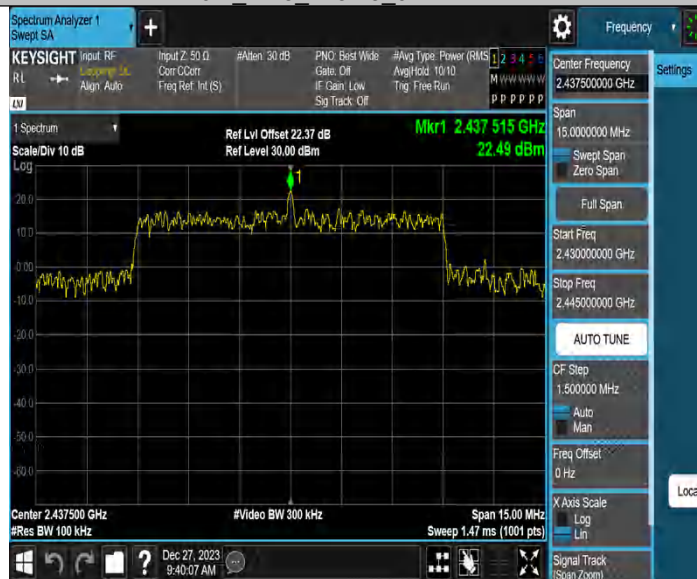
10M Ant3 2407.5 30~1000



10M Ant3 2407.5 1000~26500



10M Ant3 2437.5 0~Reference



10M Ant3 2437.5 30~1000



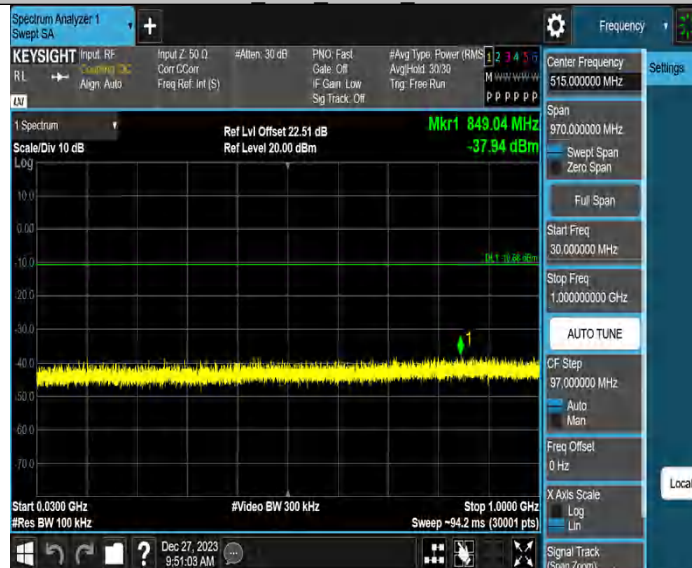
10M Ant3 2437.5 1000~26500



10M Ant3 2467.5 0~Reference



10M Ant3 2467.5 30~1000



10M Ant3 2467.5 1000~26500



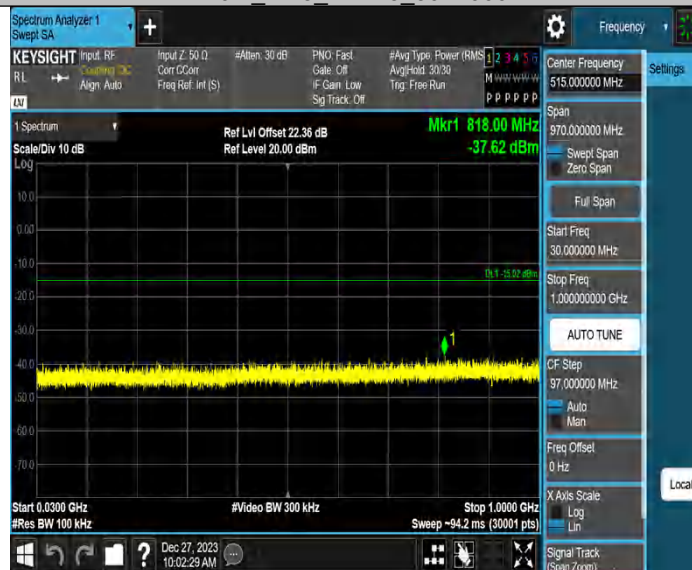
2.4GHz SDR, 20MHz BW

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 20M      | Ant3    | 2412.5  | Reference          | 14.98             | 14.98           | ---            | PASS    |
|          |         |         | 30~1000            | 14.98             | -37.62          | ≤-15.02        | PASS    |
|          |         |         | 1000~26500         | 14.98             | -28.23          | ≤-15.02        | PASS    |
|          |         | 2437.5  | Reference          | 16.62             | 16.62           | ---            | PASS    |
|          |         |         | 30~1000            | 16.62             | -37.16          | ≤-13.38        | PASS    |
|          |         |         | 1000~26500         | 16.62             | -28.88          | ≤-13.38        | PASS    |
|          |         | 2462.5  | Reference          | 13.89             | 13.89           | ---            | PASS    |
|          |         |         | 30~1000            | 13.89             | -37.58          | ≤-16.11        | PASS    |
|          |         |         | 1000~26500         | 13.89             | -27.95          | ≤-16.11        | PASS    |

20M Ant3 2412.5 0~Reference



20M Ant3 2412.5 30~1000



20M Ant3 2412.5 1000~26500



20M Ant3 2437.5 0~Reference



20M Ant3 2437.5 30~1000



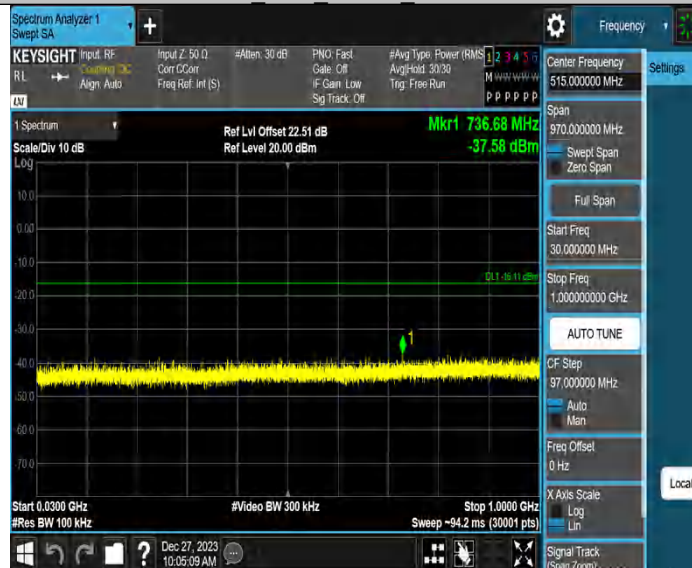
20M Ant3 2437.5 1000~26500



20M Ant3 2462.5 0~Reference



20M Ant3 2462.5 30~1000



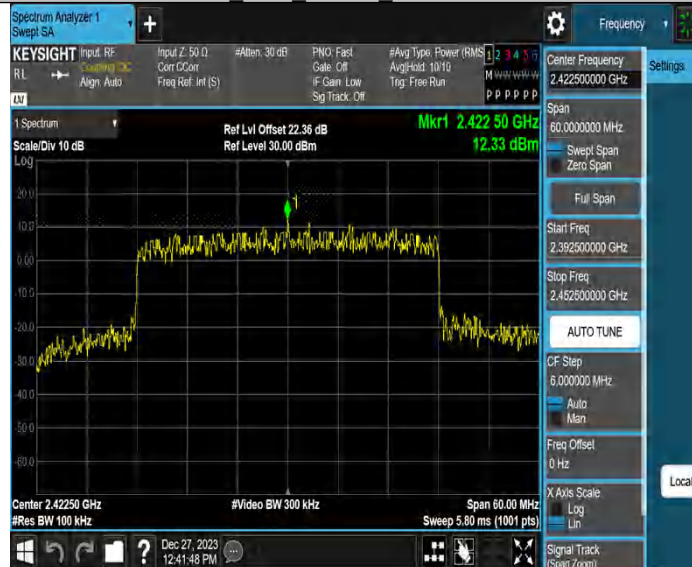
20M Ant3 2462.5 1000~26500



2.4GHz SDR, 40MHz BW

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 40M      | Ant3    | 2422.5  | Reference          | 12.33             | 12.33           | ---            | PASS    |
|          |         |         | 30~1000            | 12.33             | -37.77          | ≤-17.67        | PASS    |
|          |         |         | 1000~26500         | 12.33             | -28.51          | ≤-17.67        | PASS    |
|          |         | 2437.5  | Reference          | 16.27             | 16.27           | ---            | PASS    |
|          |         |         | 30~1000            | 16.27             | -37.9           | ≤-13.73        | PASS    |
|          |         |         | 1000~26500         | 16.27             | -27.74          | ≤-13.73        | PASS    |
|          |         | 2452.5  | Reference          | 12.56             | 12.56           | ---            | PASS    |
|          |         |         | 30~1000            | 12.56             | -37.67          | ≤-17.44        | PASS    |
|          |         |         | 1000~26500         | 12.56             | -28.32          | ≤-17.44        | PASS    |

40M Ant3 2422.5 0~Reference



40M Ant3 2422.5 30~1000



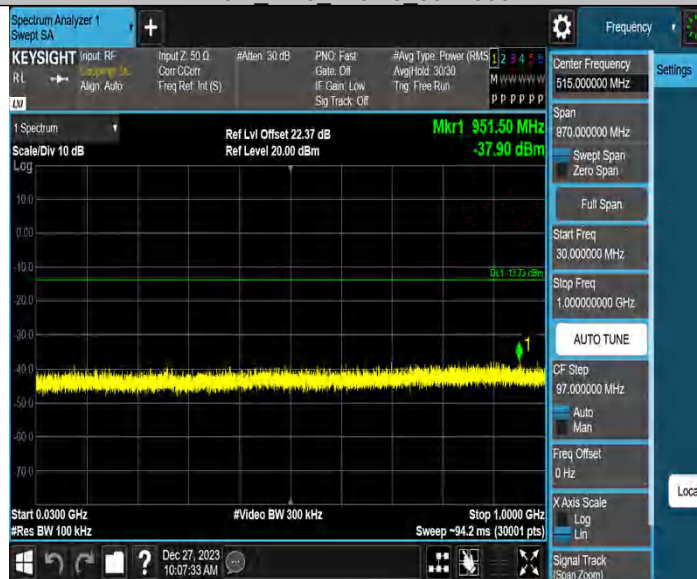
40M Ant3 2422.5 1000~26500



40M Ant3 2437.5 0~Reference



40M Ant3 2437.5 30~1000



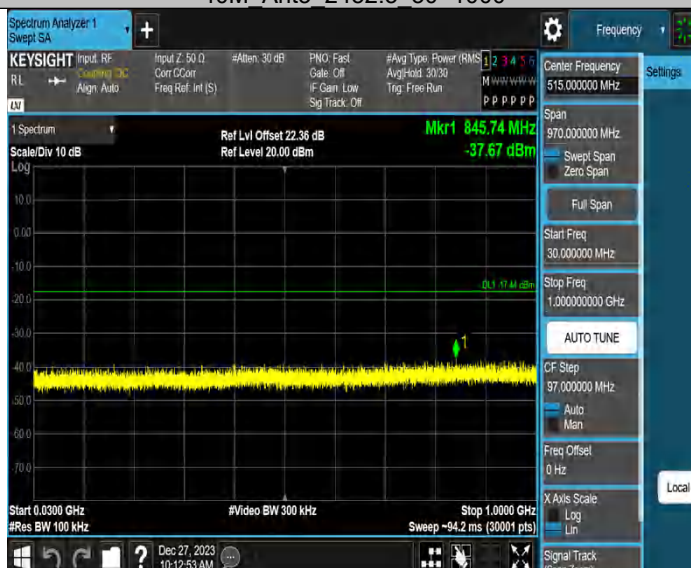
40M Ant3 2437.5 1000~26500



40M Ant3 2452.5 0~Reference



40M Ant3 2452.5 30~1000



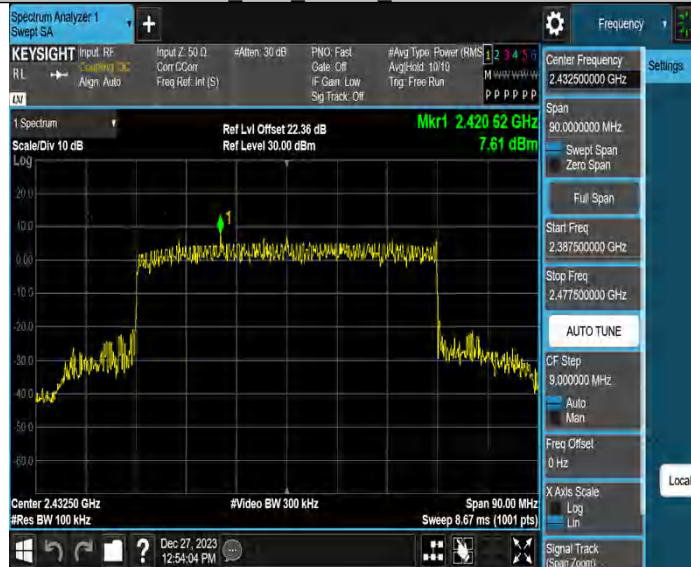
40M Ant3 2452.5 1000~26500



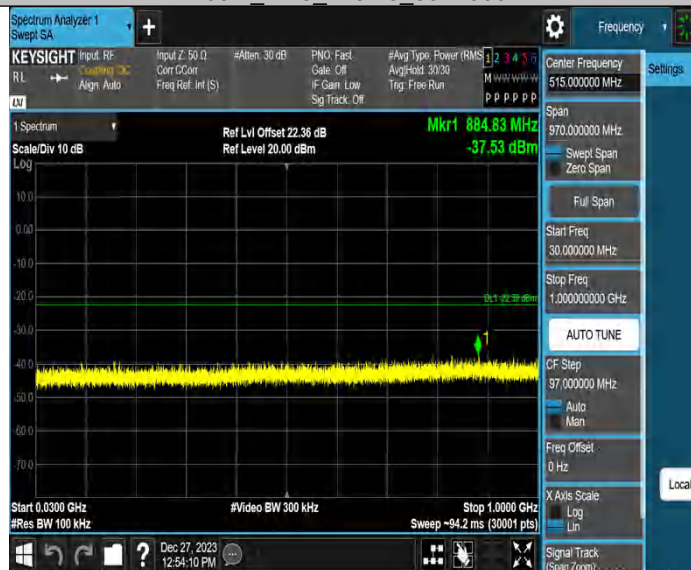
2.4GHz SDR, 60MHz BW

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 60M      | Ant3    | 2432.5  | Reference          | 7.61              | 7.61            | ---            | PASS    |
|          |         |         | 30~1000            | 7.61              | -37.53          | ≤-22.39        | PASS    |
|          |         |         | 1000~26500         | 7.61              | -28.77          | ≤-22.39        | PASS    |
|          |         | 2437.5  | Reference          | 15.34             | 15.34           | ---            | PASS    |
|          |         |         | 30~1000            | 15.34             | -37.92          | ≤-14.66        | PASS    |
|          |         |         | 1000~26500         | 15.34             | -28.54          | ≤-14.66        | PASS    |
|          |         | 2442.5  | Reference          | 15.04             | 15.04           | ---            | PASS    |
|          |         |         | 30~1000            | 15.04             | -37.58          | ≤-14.96        | PASS    |
|          |         |         | 1000~26500         | 15.04             | -28.75          | ≤-14.96        | PASS    |

60M Ant3 2432.5 0~Reference



60M Ant3 2432.5 30~1000



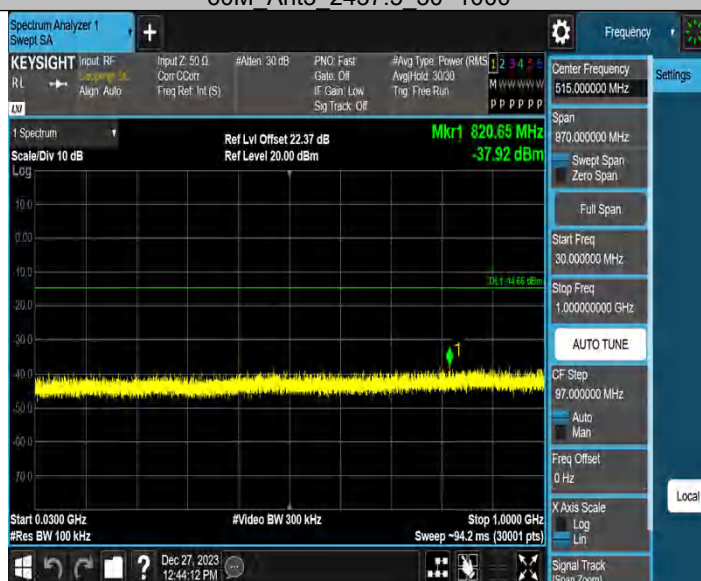
60M Ant3 2432.5 1000~26500



60M Ant3 2437.5 0~Reference



60M Ant3 2437.5 30~1000



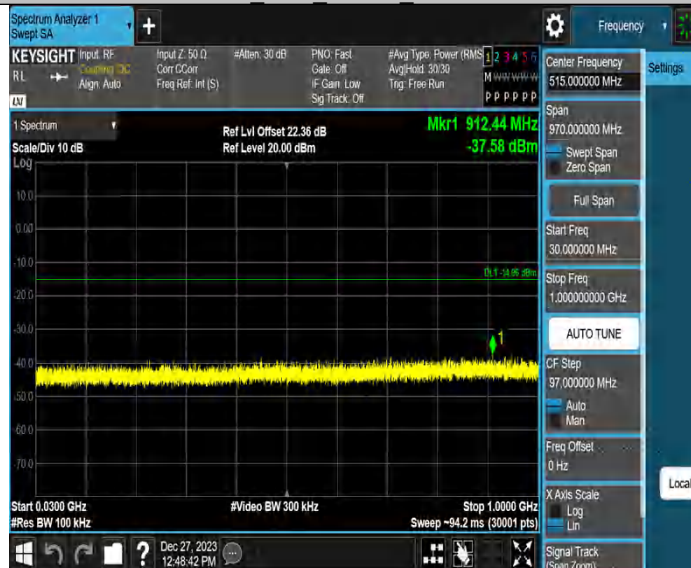
60M Ant3 2437.5 1000~26500



60M Ant3 2442.5 0~Reference



60M Ant3 2442.5 30~1000



60M Ant3 2442.5 1000~26500



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

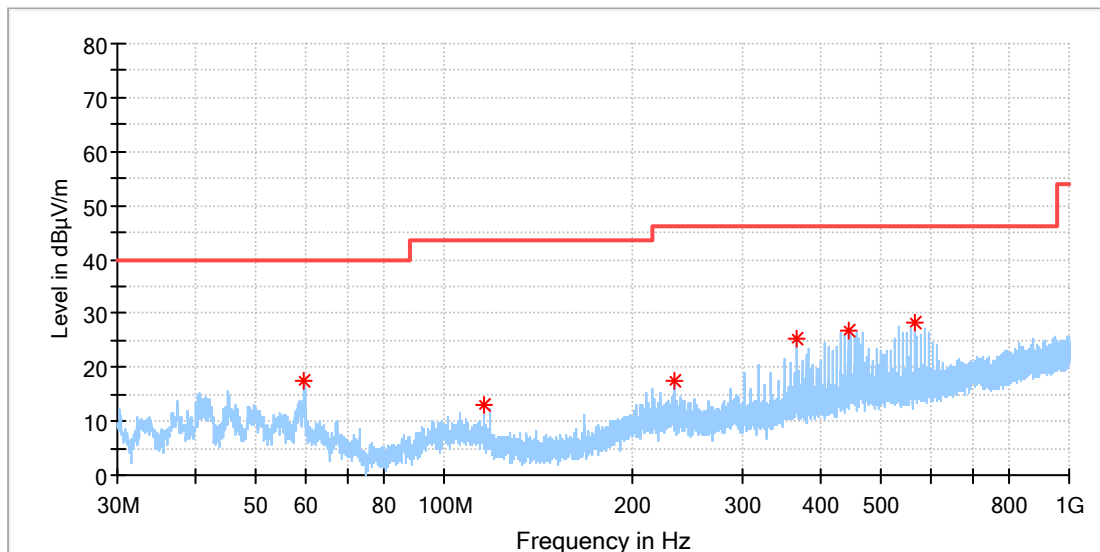
Note:

- 1) This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode) was presented in this report.
- 2) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 3) 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: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_1.4M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin

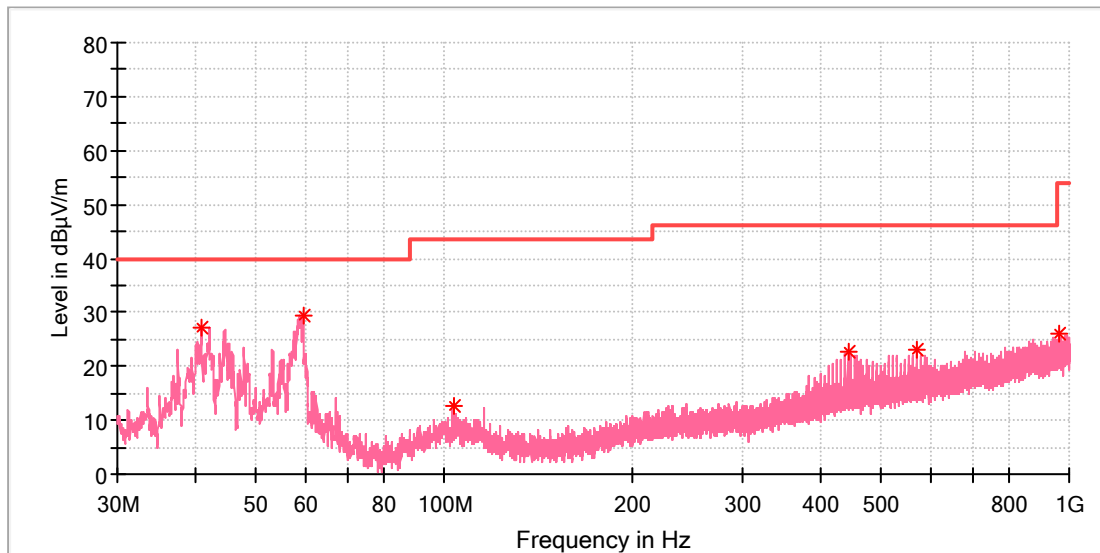


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 59.771539       | 17.34            | 40.00          | 22.66       | 100.0       | H   | 98.0          | -19.3        |
| 115.621154      | 12.91            | 43.50          | 30.59       | 100.0       | H   | 131.0         | -20.2        |
| 233.065769      | 17.54            | 46.00          | 28.46       | 100.0       | H   | 187.0         | -18.3        |
| 365.806539      | 25.48            | 46.00          | 20.52       | 100.0       | H   | 163.0         | -14.8        |
| 442.361923      | 26.94            | 46.00          | 19.06       | 100.0       | H   | 0.0           | -13.4        |
| 564.619231      | 28.44            | 46.00          | 17.56       | 100.0       | H   | 155.0         | -10.9        |

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_1.4M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

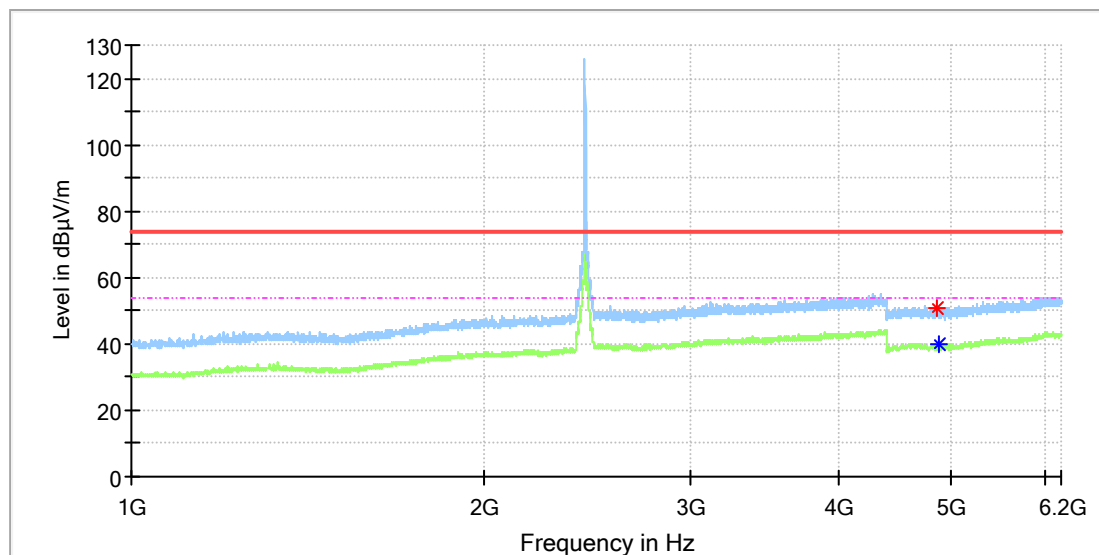
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 40.893846       | 27.19            | 40.00          | 12.81       | 100.0       | V   | 36.0          | -20.2        |
| 59.435769       | 29.52            | 40.00          | 10.48       | 100.0       | V   | 339.0         | -19.2        |
| 103.720000      | 12.58            | 43.50          | 30.92       | 100.0       | V   | 347.0         | -19.1        |
| 442.361923      | 22.72            | 46.00          | 23.28       | 100.0       | V   | 128.0         | -13.4        |
| 570.401923      | 23.19            | 46.00          | 22.81       | 100.0       | V   | 137.0         | -10.8        |
| 967.169231      | 26.23            | 54.00          | 27.77       | 100.0       | V   | 0.0           | -4.6         |

Note: The highest waveform in the figure is 2.4GHz SDR Fundamental.

1GHz - 18GHz

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G_1.4M_2435.5MHz  |
| Order No/Sample No: | 168438670/A003598699-013 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

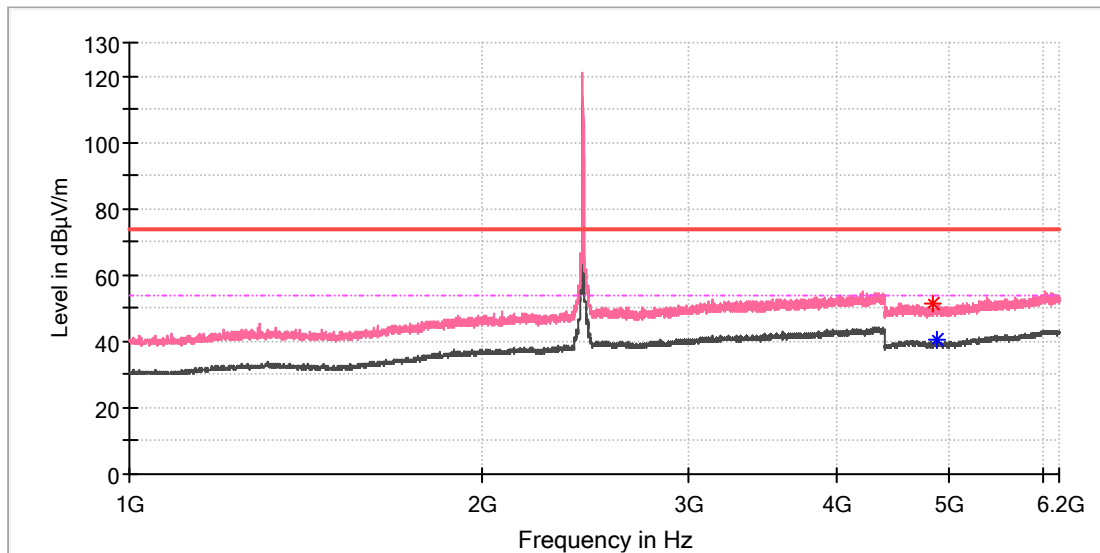
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4864.000000     | 50.52            | ---              | 74.00          | 23.48       | 150.0       | H   | 209.0         | 11.8         |
| 4869.000000     | ---              | 39.69            | 54.00          | 14.31       | 150.0       | H   | 45.0          | 11.8         |

## Final\_Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_1.4M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

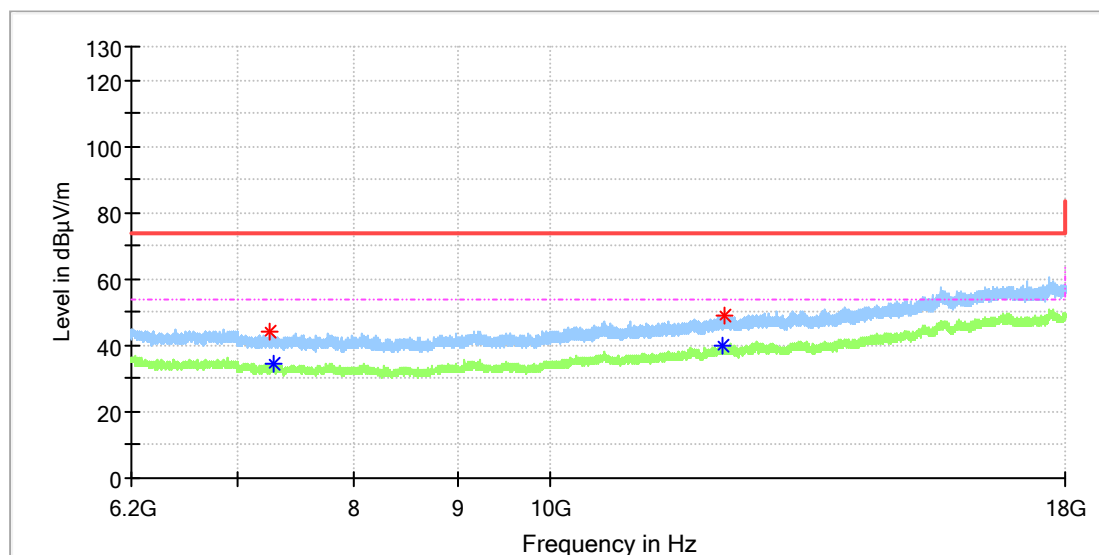
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4841.000000     | 51.11            | ---              | 74.00          | 22.89       | 150.0       | V   | 341.0         | 11.8         |
| 4871.000000     | ---              | 40.69            | 54.00          | 13.31       | 150.0       | V   | 225.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_1.4M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

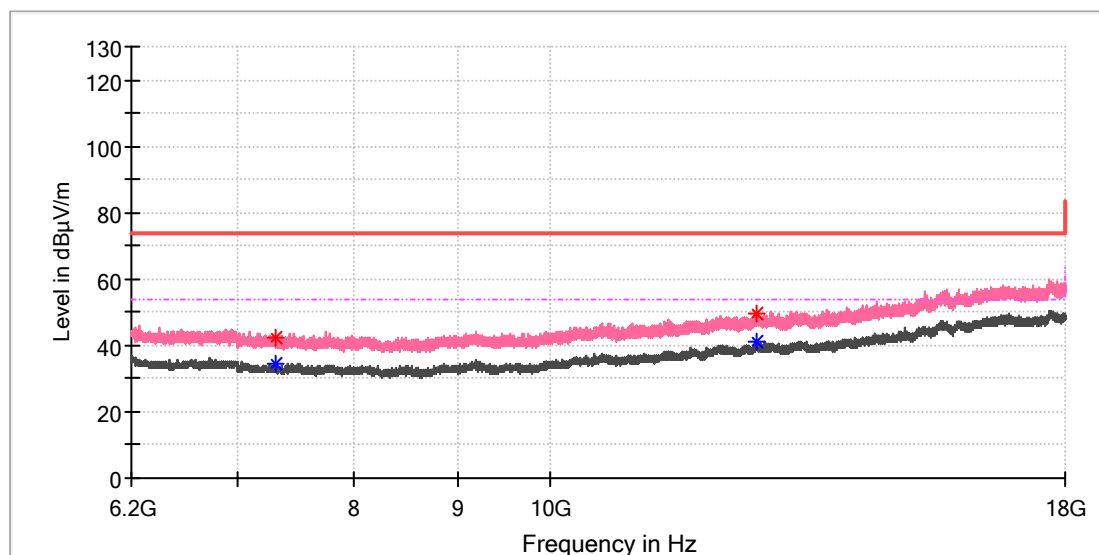
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7254.133333     | 44.00            | ---              | 74.00          | 30.00       | 150.0       | H   | 354.0         | 8.5          |
| 7285.600000     | ---              | 34.19            | 54.00          | 19.81       | 150.0       | H   | 286.0         | 8.4          |
| 12167.358333    | ---              | 39.84            | 54.00          | 14.16       | 150.0       | H   | 0.0           | 14.5         |
| 12212.591667    | 48.88            | ---              | 74.00          | 25.12       | 150.0       | H   | 191.0         | 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: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_1.4M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

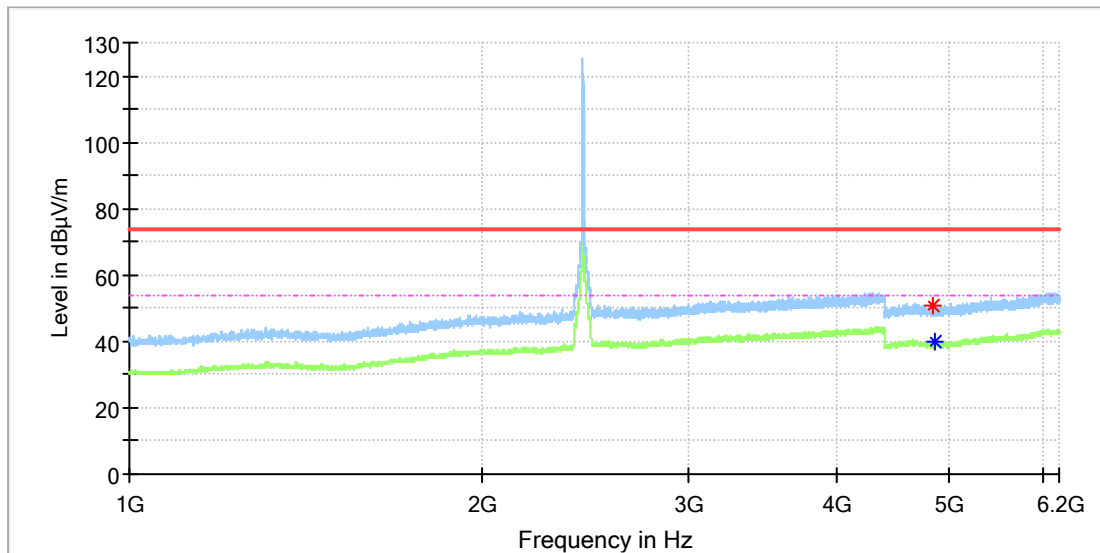
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7306.250000     | ---              | 34.39            | 54.00          | 19.61       | 150.0       | V   | 0.0           | 8.3          |
| 7307.233333     | 42.49            | ---              | 74.00          | 31.51       | 150.0       | V   | 349.0         | 8.3          |
| 12644.766667    | ---              | 41.06            | 54.00          | 12.94       | 150.0       | V   | 313.0         | 15.0         |
| 12662.466667    | 49.53            | ---              | 74.00          | 24.47       | 150.0       | V   | 313.0         | 15.0         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_3M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

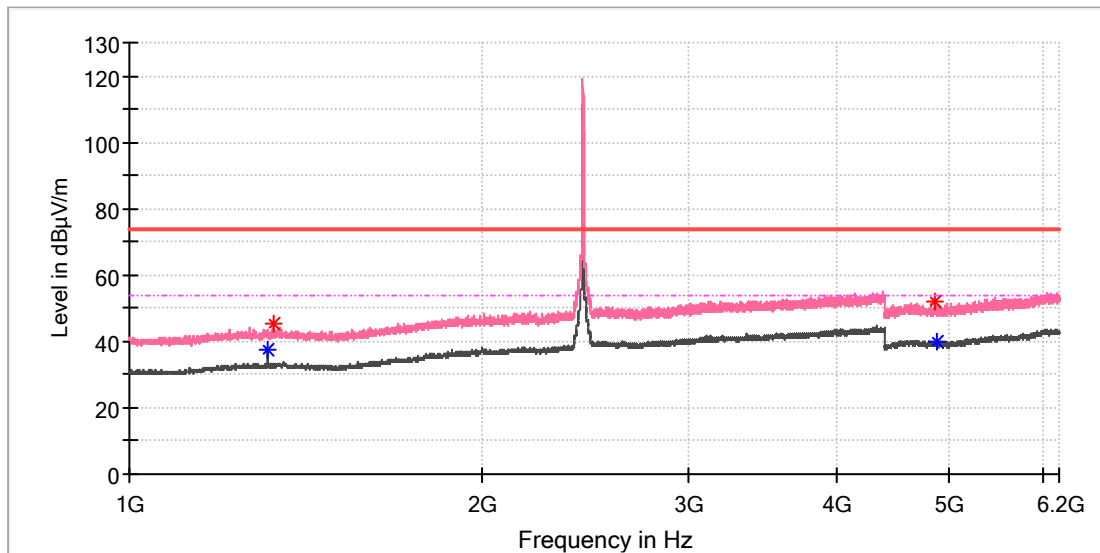
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4848.000000     | 50.69            | ---              | 74.00          | 23.31       | 150.0       | H   | 28.0          | 11.8         |
| 4860.000000     | ---              | 39.70            | 54.00          | 14.30       | 150.0       | H   | 2.0           | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_3M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

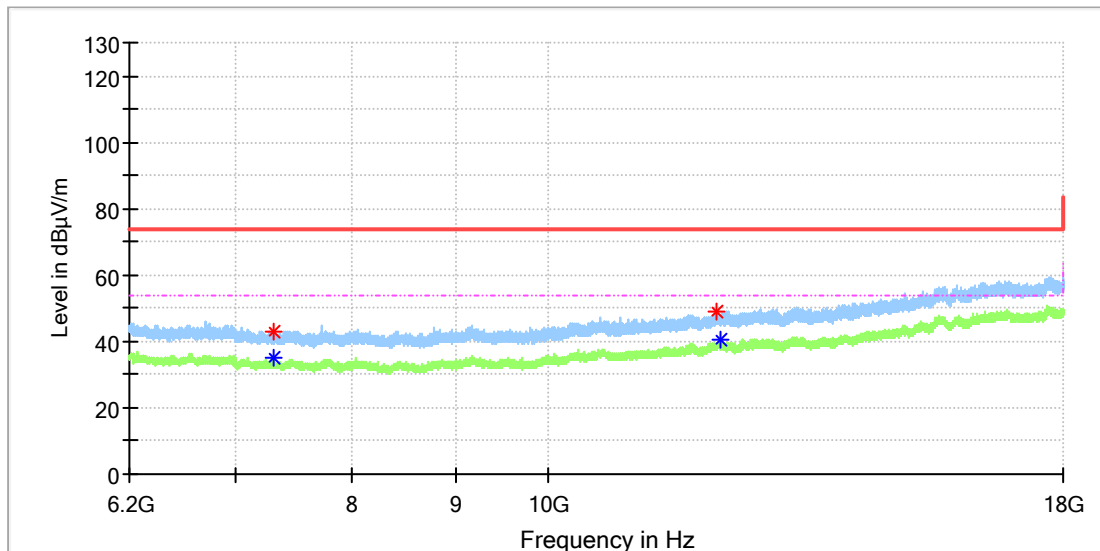
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1312.500000     | ---              | 37.37            | 54.00          | 16.63       | 150.0       | V   | 254.0         | 2.0          |
| 1325.000000     | 45.60            | ---              | 74.00          | 28.40       | 150.0       | V   | 323.0         | 2.0          |
| 4865.500000     | 51.76            | ---              | 74.00          | 22.24       | 150.0       | V   | 30.0          | 11.8         |
| 4870.500000     | ---              | 40.02            | 54.00          | 13.98       | 150.0       | V   | 104.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_3M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

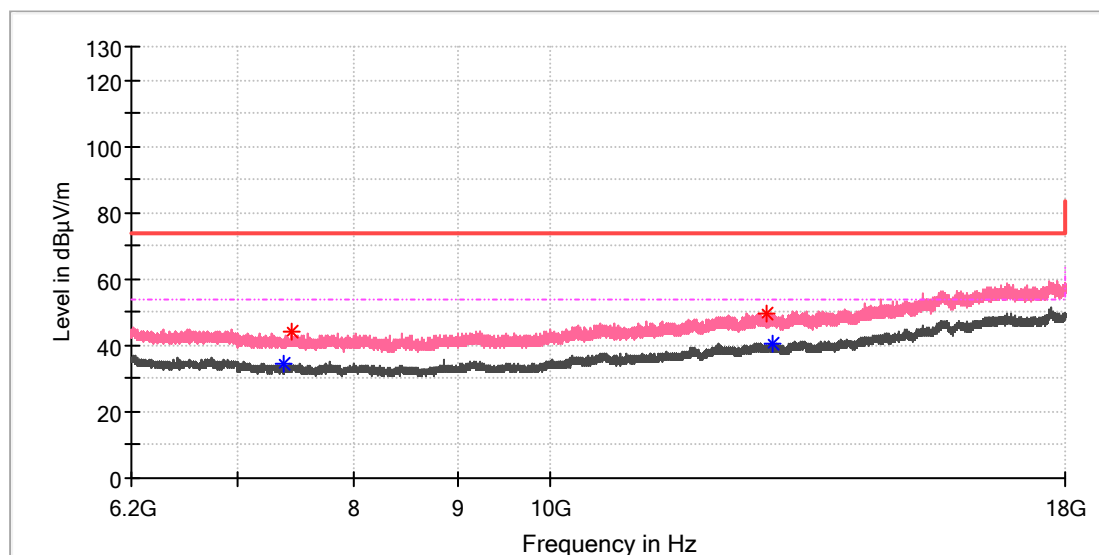
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7312.641667     | 43.02            | ---              | 74.00          | 30.98       | 150.0       | H   | 236.0         | 8.2          |
| 7312.641667     | ---              | 34.83            | 54.00          | 19.17       | 150.0       | H   | 236.0         | 8.2          |
| 12105.408333    | 49.10            | ---              | 74.00          | 24.90       | 150.0       | H   | 111.0         | 14.2         |
| 12182.600000    | ---              | 40.34            | 54.00          | 13.66       | 150.0       | H   | 111.0         | 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: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_3M\_2435.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

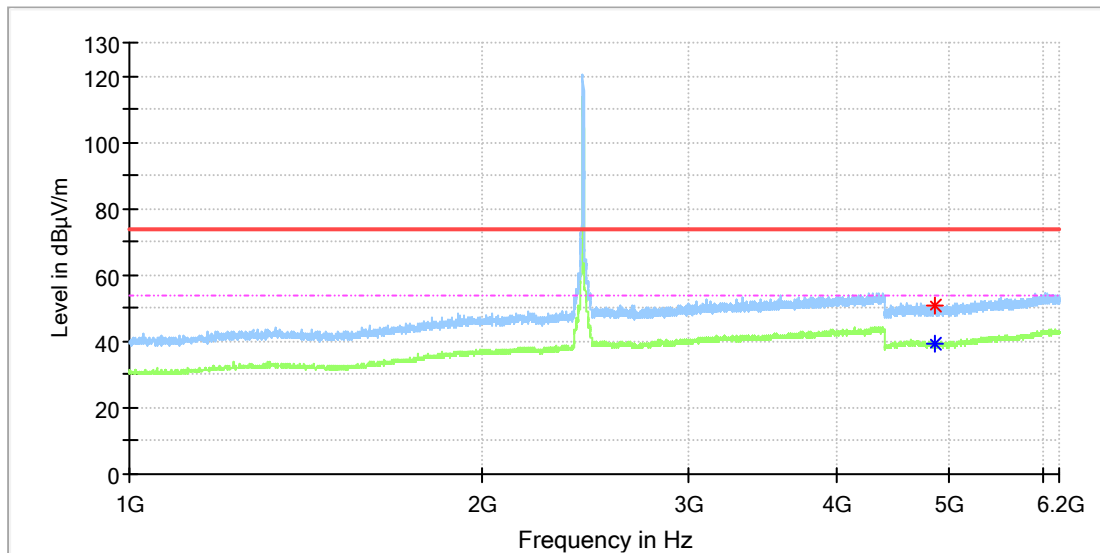
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7383.933333     | ---              | 34.45            | 54.00          | 19.56       | 150.0       | V   | 171.0         | 8.2          |
| 7440.475000     | 44.25            | ---              | 74.00          | 29.75       | 150.0       | V   | 111.0         | 8.4          |
| 12789.316667    | 49.76            | ---              | 74.00          | 24.24       | 150.0       | V   | 259.0         | 15.3         |
| 12890.108333    | ---              | 40.73            | 54.00          | 13.27       | 150.0       | V   | 272.0         | 15.5         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_5M\_2434.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

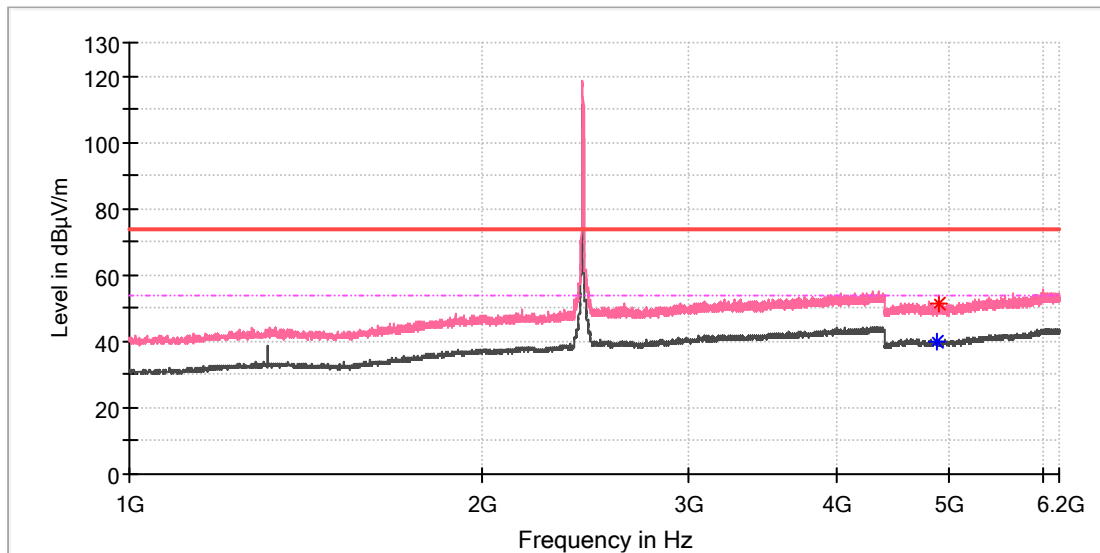
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4859.500000     | ---              | 39.60            | 54.00          | 14.40       | 150.0       | H   | 174.0         | 11.8         |
| 4861.000000     | 50.75            | ---              | 74.00          | 23.25       | 150.0       | H   | 298.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_5M\_2434.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

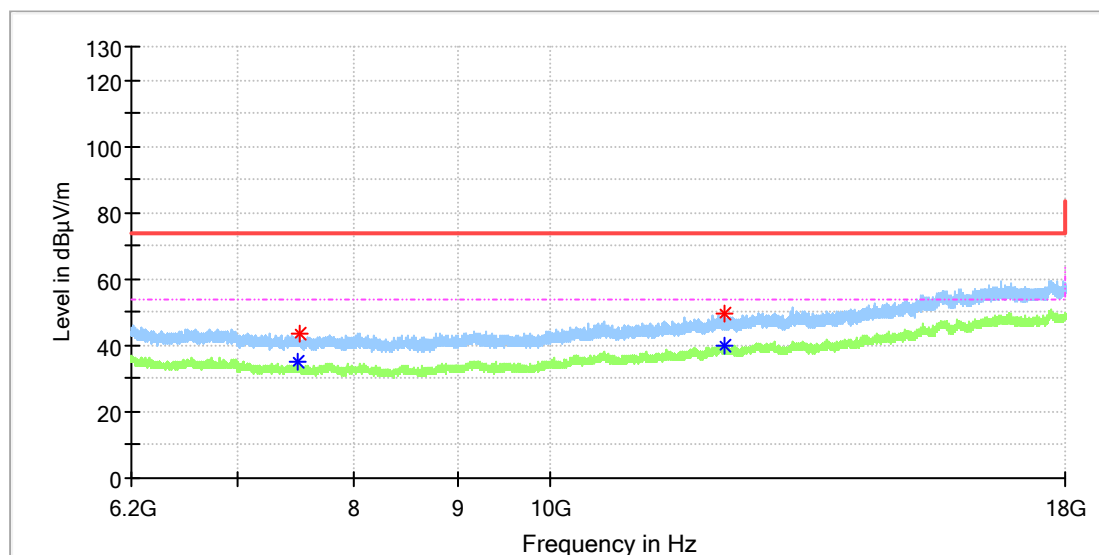
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4870.500000     | ---              | 39.91            | 54.00          | 14.09       | 150.0       | V   | 141.0         | 11.8         |
| 4906.000000     | 51.26            | ---              | 74.00          | 22.74       | 150.0       | V   | 271.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_5M\_2434.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

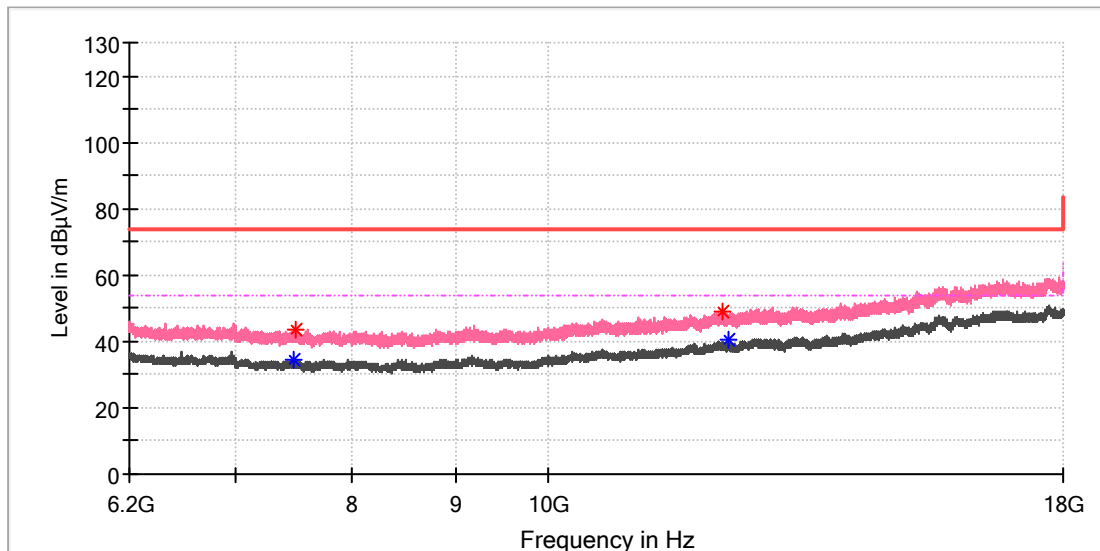
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7494.066667     | ---              | 35.04            | 54.00          | 18.96       | 150.0       | H   | 71.0          | 8.7          |
| 7509.800000     | 43.48            | ---              | 74.00          | 30.52       | 150.0       | H   | 71.0          | 8.7          |
| 12190.958333    | 49.50            | ---              | 74.00          | 24.50       | 150.0       | H   | 201.0         | 14.6         |
| 12190.958333    | ---              | 40.01            | 54.00          | 13.99       | 150.0       | H   | 201.0         | 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: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_5M\_2434.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

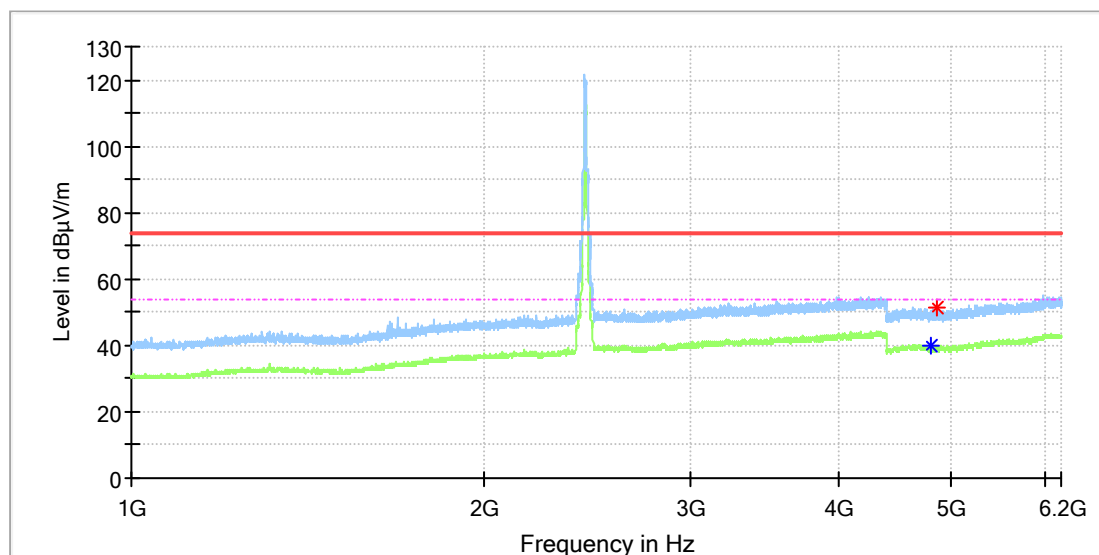
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7477.841667     | ---              | 34.24            | 54.00          | 19.76       | 150.0       | V   | 261.0         | 8.6          |
| 7490.625000     | 43.53            | ---              | 74.00          | 30.47       | 150.0       | V   | 261.0         | 8.7          |
| 12208.166667    | 49.07            | ---              | 74.00          | 24.93       | 150.0       | V   | 185.0         | 14.7         |
| 12297.650000    | ---              | 40.34            | 54.00          | 13.66       | 150.0       | V   | 45.0          | 14.9         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_10M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

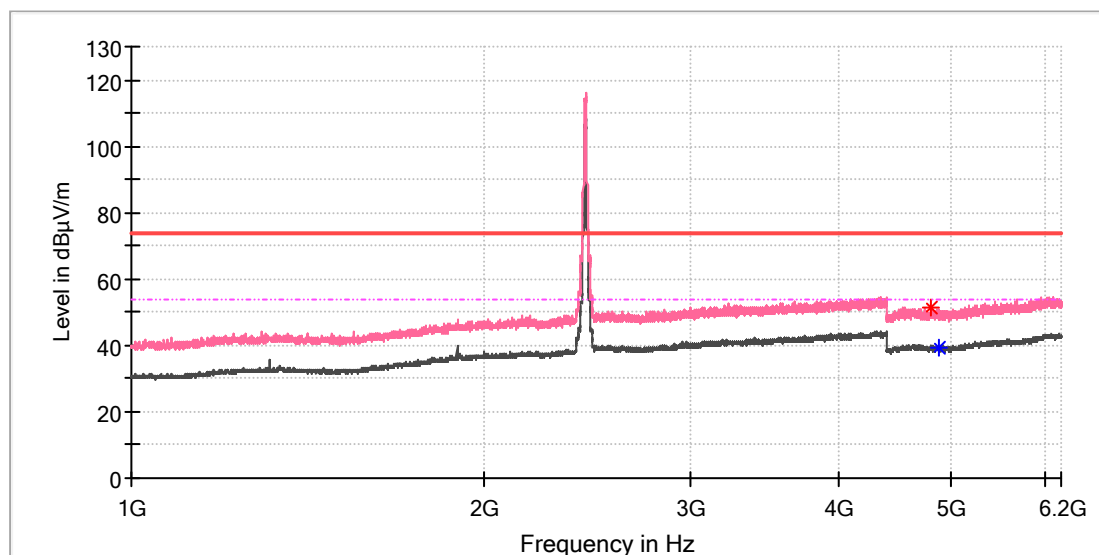
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4809.500000     | ---              | 39.72            | 54.00          | 14.28       | 150.0       | H   | 358.0         | 11.8         |
| 4851.500000     | 51.13            | ---              | 74.00          | 22.87       | 150.0       | H   | 324.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_10M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

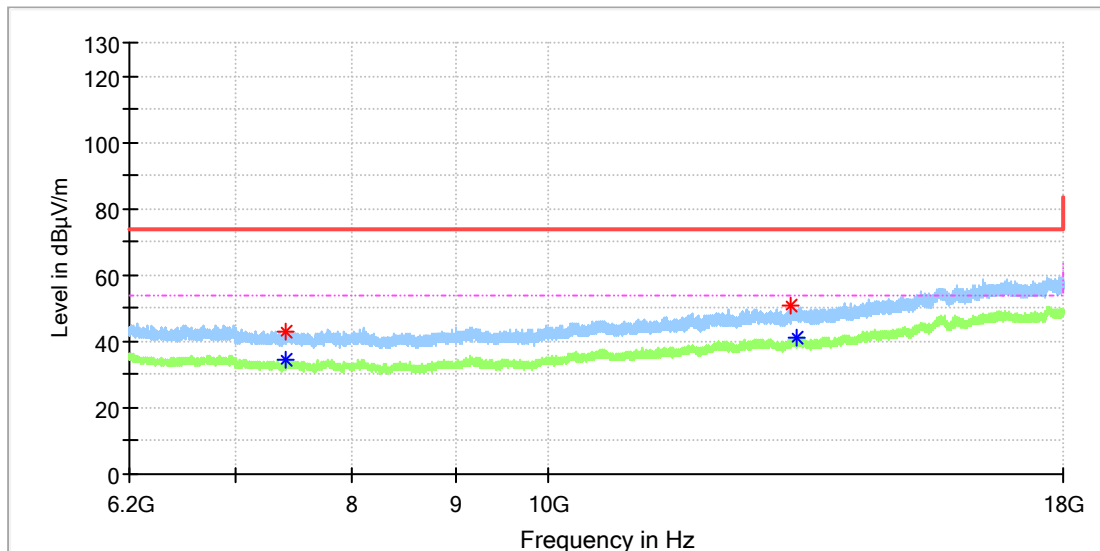
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4811.000000     | 51.31            | ---              | 74.00          | 22.69       | 150.0       | V   | 343.0         | 11.8         |
| 4875.500000     | ---              | 39.59            | 54.00          | 14.41       | 150.0       | V   | 133.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_10M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

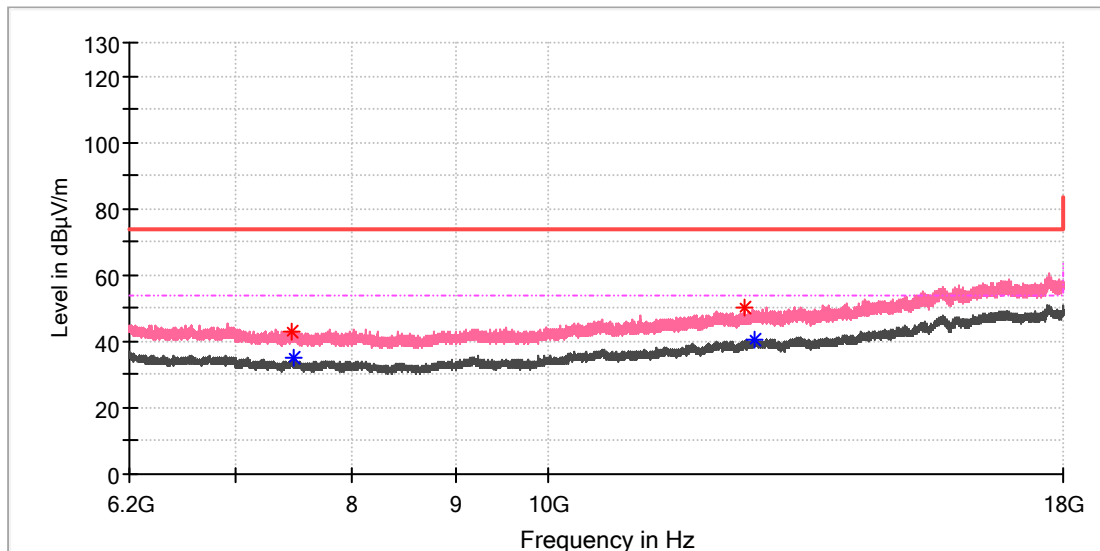
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7416.875000     | ---              | 34.55            | 54.00          | 19.45       | 150.0       | H   | 322.0         | 8.3          |
| 7419.333333     | 42.89            | ---              | 74.00          | 31.11       | 150.0       | H   | 251.0         | 8.4          |
| 13183.141667    | 50.76            | ---              | 74.00          | 23.24       | 150.0       | H   | 0.0           | 15.4         |
| 13278.525000    | ---              | 41.35            | 54.00          | 12.65       | 150.0       | H   | 334.0         | 15.5         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_10M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

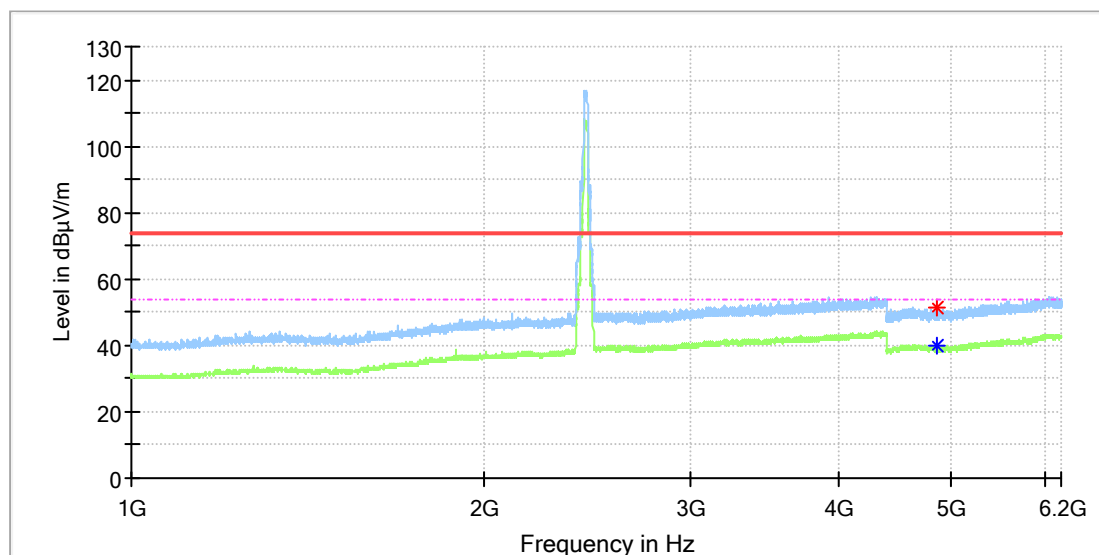
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7457.191667     | 43.00            | ---              | 74.00          | 31.00       | 150.0       | V   | 123.0         | 8.5          |
| 7478.333333     | ---              | 34.96            | 54.00          | 19.04       | 150.0       | V   | 273.0         | 8.7          |
| 12505.133333    | 50.00            | ---              | 74.00          | 24.00       | 150.0       | V   | 0.0           | 14.6         |
| 12648.700000    | ---              | 40.53            | 54.00          | 13.47       | 150.0       | V   | 171.0         | 15.0         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_20M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

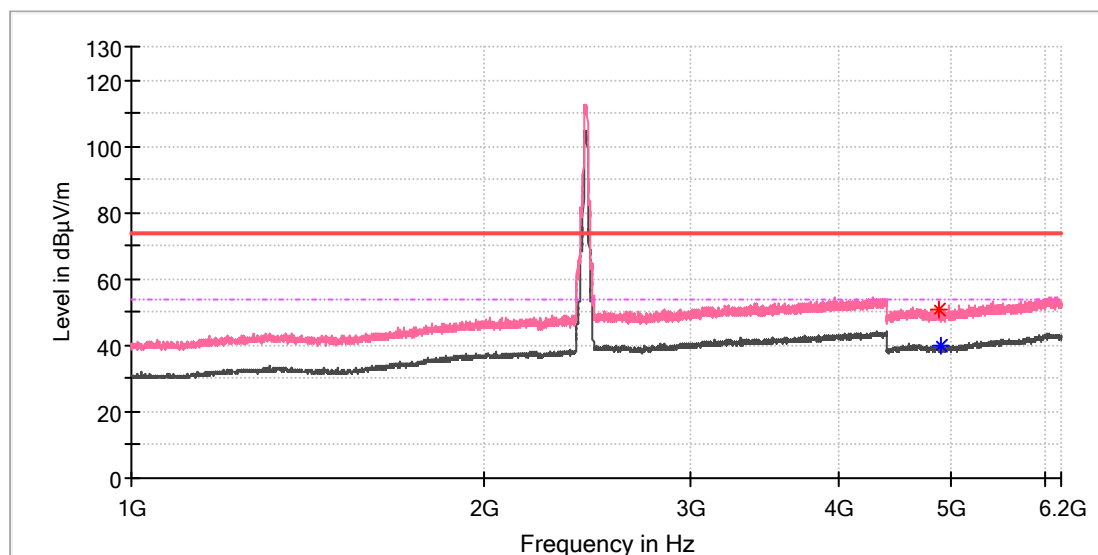
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4857.500000     | 51.49            | ---              | 74.00          | 22.51       | 150.0       | H   | 344.0         | 11.8         |
| 4860.000000     | ---              | 39.79            | 54.00          | 14.21       | 150.0       | H   | 326.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_20M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

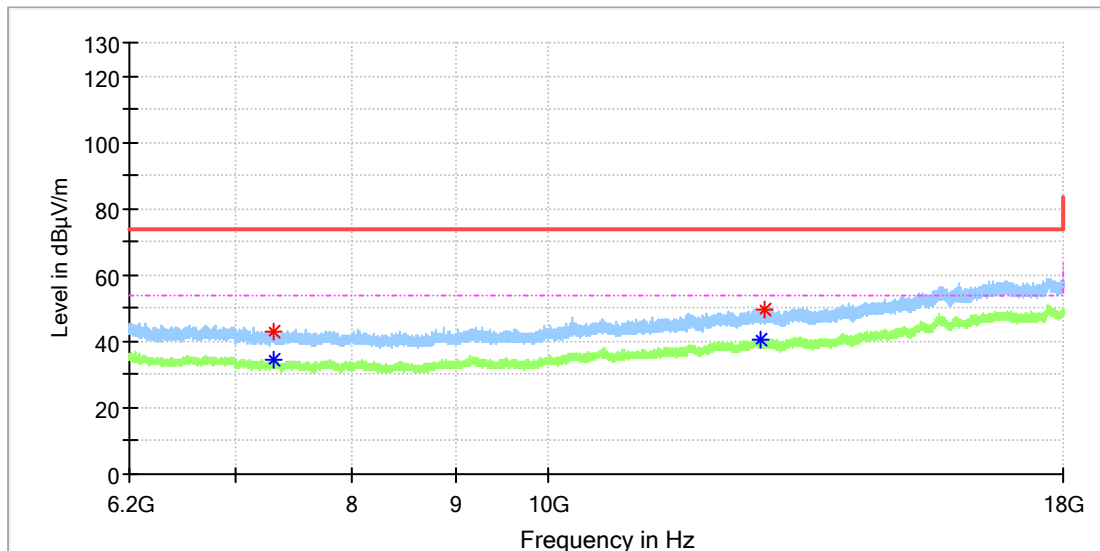
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4885.000000     | 50.96            | ---              | 74.00          | 23.04       | 150.0       | V   | 241.0         | 11.8         |
| 4900.000000     | ---              | 39.61            | 54.00          | 14.39       | 150.0       | V   | 349.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_20M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

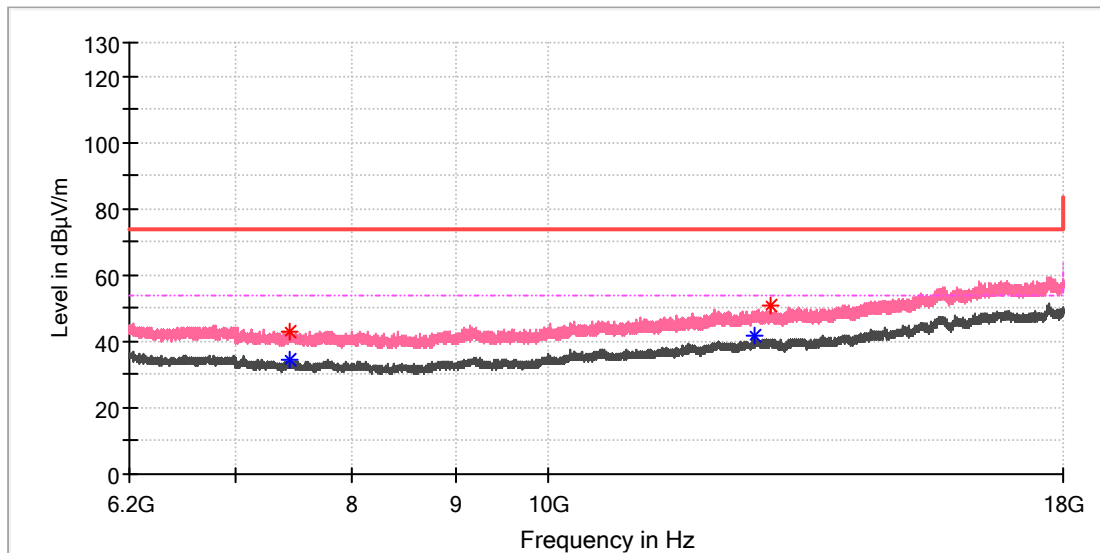
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7310.183333     | ---              | 34.48            | 54.00          | 19.52       | 150.0       | H   | 286.0         | 8.2          |
| 7312.150000     | 42.82            | ---              | 74.00          | 31.18       | 150.0       | H   | 58.0          | 8.2          |
| 12753.916667    | ---              | 40.43            | 54.00          | 13.57       | 150.0       | H   | 207.0         | 15.2         |
| 12797.675000    | 49.58            | ---              | 74.00          | 24.42       | 150.0       | H   | 22.0          | 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: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_20M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

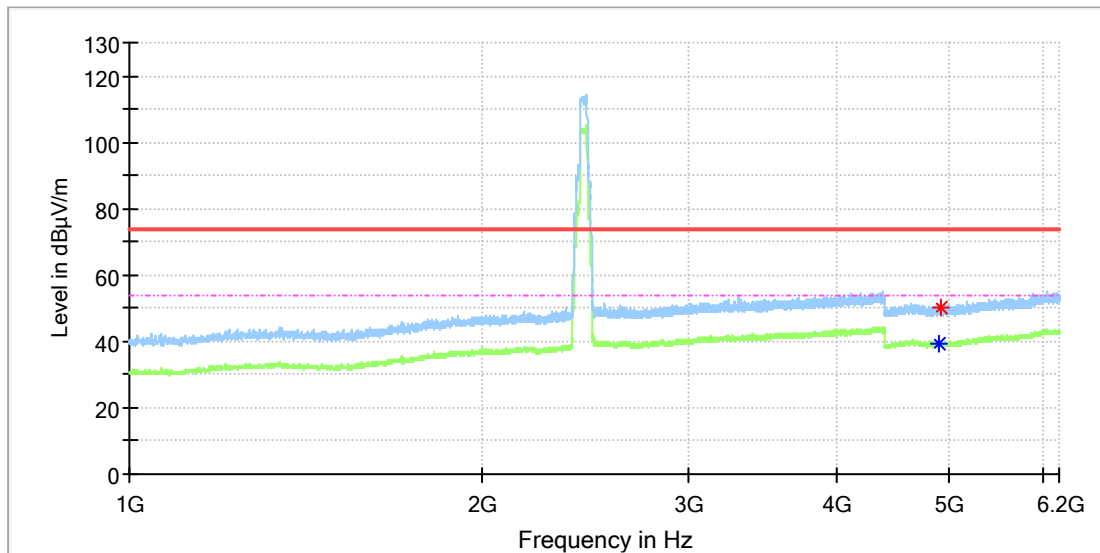
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7442.441667     | 43.17            | ---              | 74.00          | 30.83       | 150.0       | V   | 250.0         | 8.4          |
| 7447.850000     | ---              | 34.41            | 54.00          | 19.59       | 150.0       | V   | 274.0         | 8.5          |
| 12666.891667    | ---              | 41.67            | 54.00          | 12.33       | 150.0       | V   | 334.0         | 15.1         |
| 12881.750000    | 50.53            | ---              | 74.00          | 23.47       | 150.0       | V   | 0.0           | 15.4         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

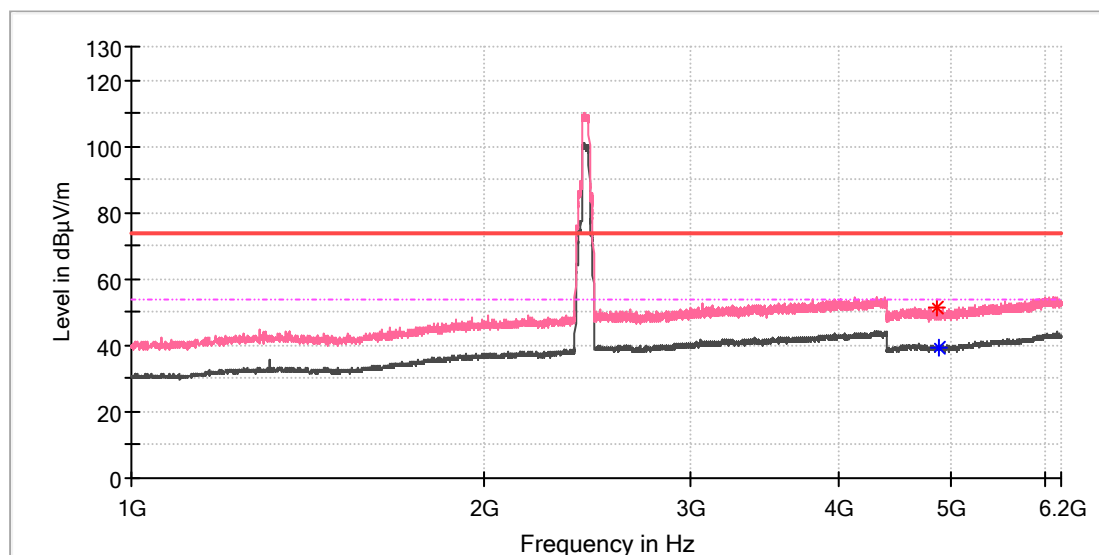
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4897.000000     | ---              | 39.54            | 54.00          | 14.46       | 150.0       | H   | 239.0         | 11.8         |
| 4922.500000     | 50.29            | ---              | 74.00          | 23.71       | 150.0       | H   | 328.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

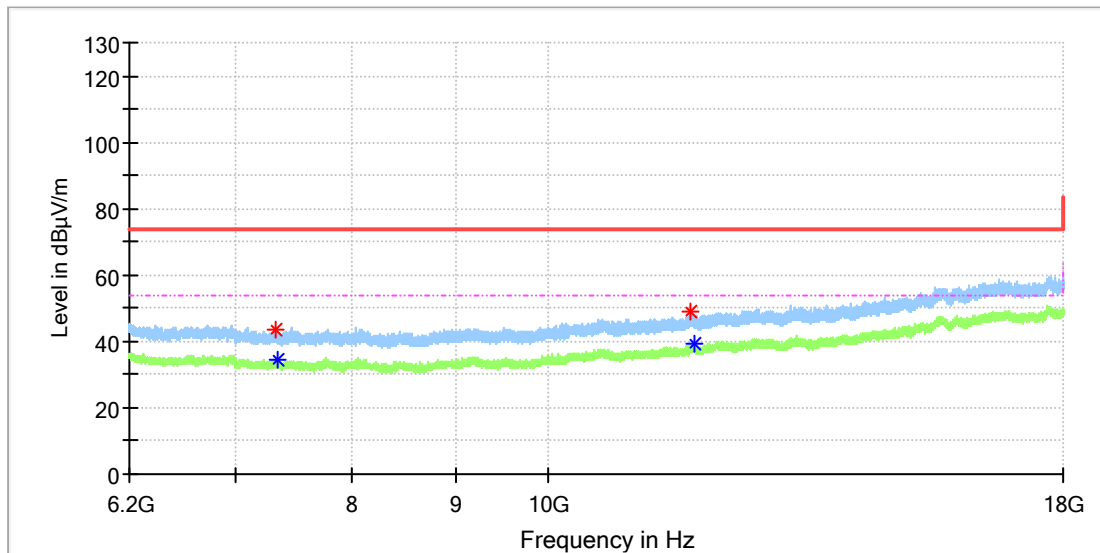
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4868.000000     | 51.13            | ---              | 74.00          | 22.87       | 150.0       | V   | 73.0          | 11.8         |
| 4872.500000     | ---              | 39.43            | 54.00          | 14.57       | 150.0       | V   | 290.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

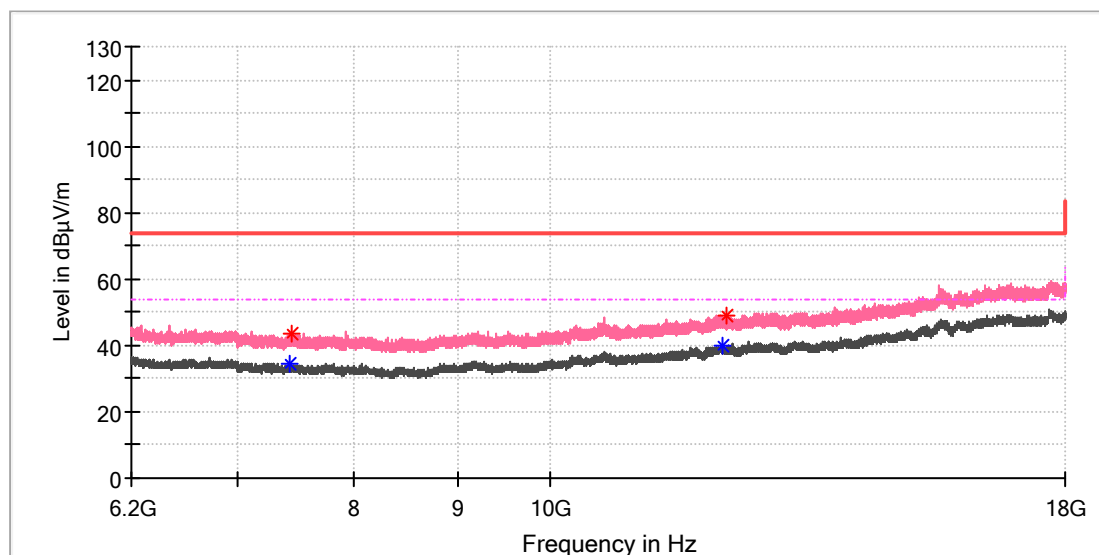
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7331.816667     | 43.65            | ---              | 74.00          | 30.35       | 150.0       | H   | 148.0         | 8.1          |
| 7335.750000     | ---              | 34.60            | 54.00          | 19.40       | 150.0       | H   | 137.0         | 8.1          |
| 11773.533333    | 48.73            | ---              | 74.00          | 25.27       | 150.0       | H   | 75.0          | 13.4         |
| 11817.783333    | ---              | 39.11            | 54.00          | 14.90       | 150.0       | H   | 0.0           | 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: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

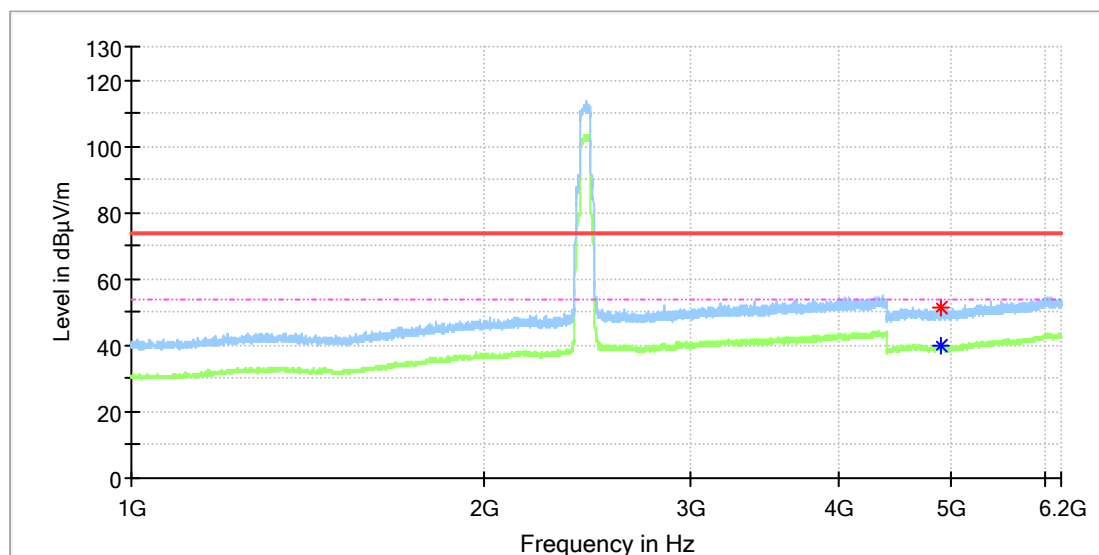
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7429.166667     | ---              | 34.31            | 54.00          | 19.69       | 150.0       | V   | 82.0          | 8.4          |
| 7448.341667     | 43.46            | ---              | 74.00          | 30.54       | 150.0       | V   | 96.0          | 8.5          |
| 12168.341667    | ---              | 40.16            | 54.00          | 13.84       | 150.0       | V   | 231.0         | 14.5         |
| 12216.033333    | 48.90            | ---              | 74.00          | 25.10       | 150.0       | V   | 191.0         | 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: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_60M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

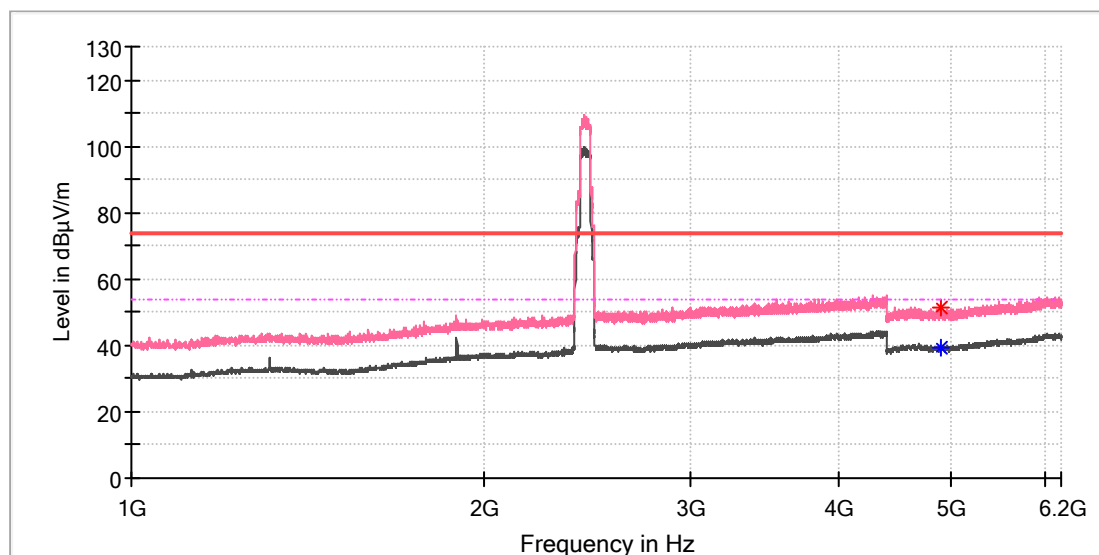
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4897.000000     | 51.20            | ---              | 74.00          | 22.80       | 150.0       | H   | 311.0         | 11.8         |
| 4905.000000     | ---              | 39.73            | 54.00          | 14.27       | 150.0       | H   | 319.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_60M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

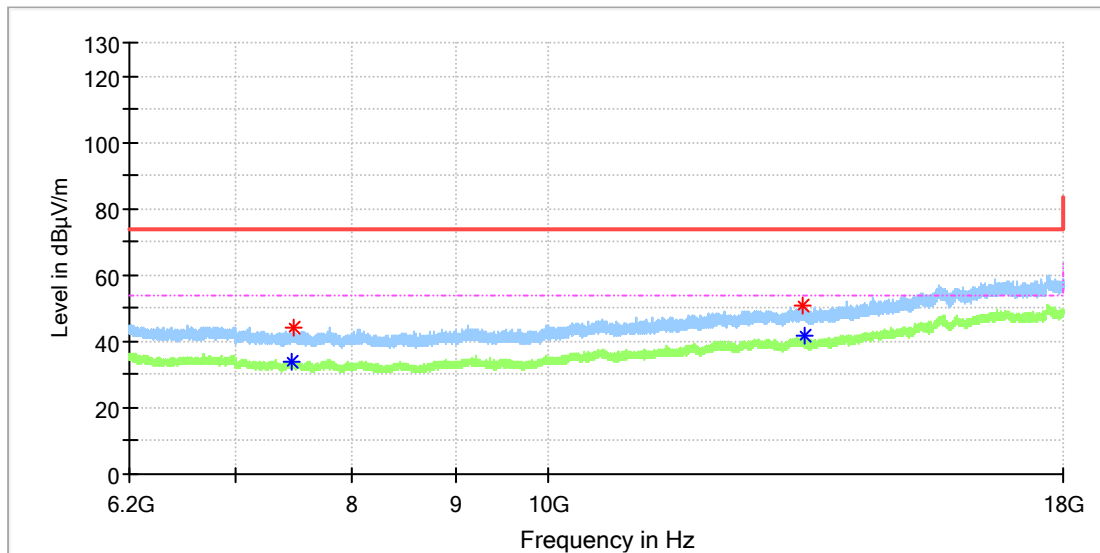
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4891.000000     | ---              | 39.39            | 54.00          | 14.61       | 150.0       | V   | 209.0         | 11.8         |
| 4891.500000     | 51.50            | ---              | 74.00          | 22.50       | 150.0       | V   | 173.0         | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_60M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

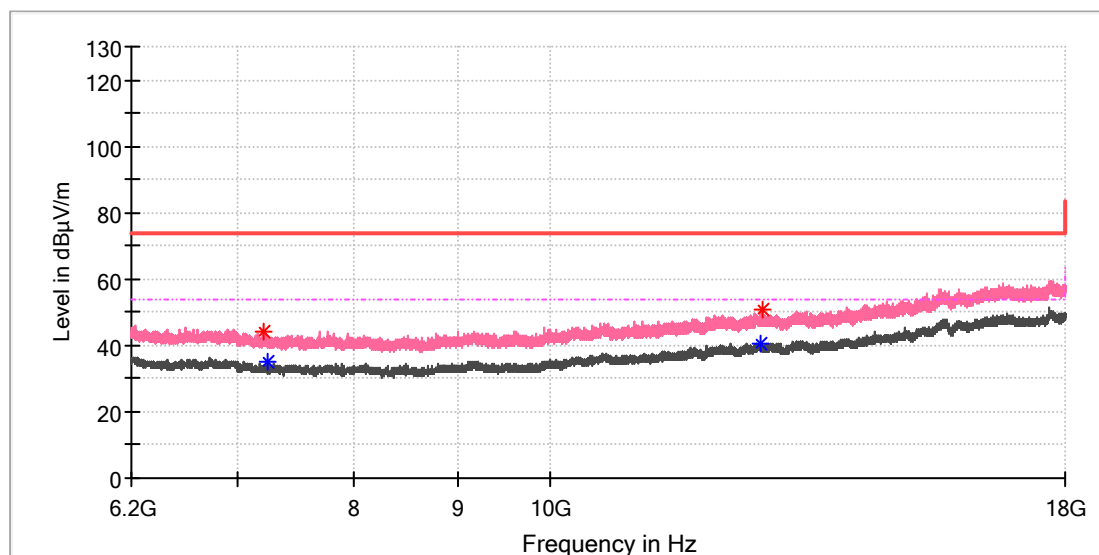
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7468.008333     | ---              | 34.04            | 54.00          | 19.96       | 150.0       | H   | 156.0         | 8.6          |
| 7486.691667     | 43.91            | ---              | 74.00          | 30.09       | 150.0       | H   | 301.0         | 8.7          |
| 13382.758333    | 50.59            | ---              | 74.00          | 23.41       | 150.0       | H   | 0.0           | 15.5         |
| 13387.183333    | ---              | 41.60            | 54.00          | 12.40       | 150.0       | H   | 83.0          | 15.6         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_60M\_2437.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7216.766667     | 43.87            | ---              | 74.00          | 30.13       | 150.0       | V   | 48.0          | 8.7          |
| 7236.925000     | ---              | 35.29            | 54.00          | 18.71       | 150.0       | V   | 310.0         | 8.6          |
| 12711.141667    | ---              | 40.28            | 54.00          | 13.72       | 150.0       | V   | 110.0         | 15.1         |
| 12738.183333    | 50.55            | ---              | 74.00          | 23.45       | 150.0       | V   | 37.0          | 15.2         |

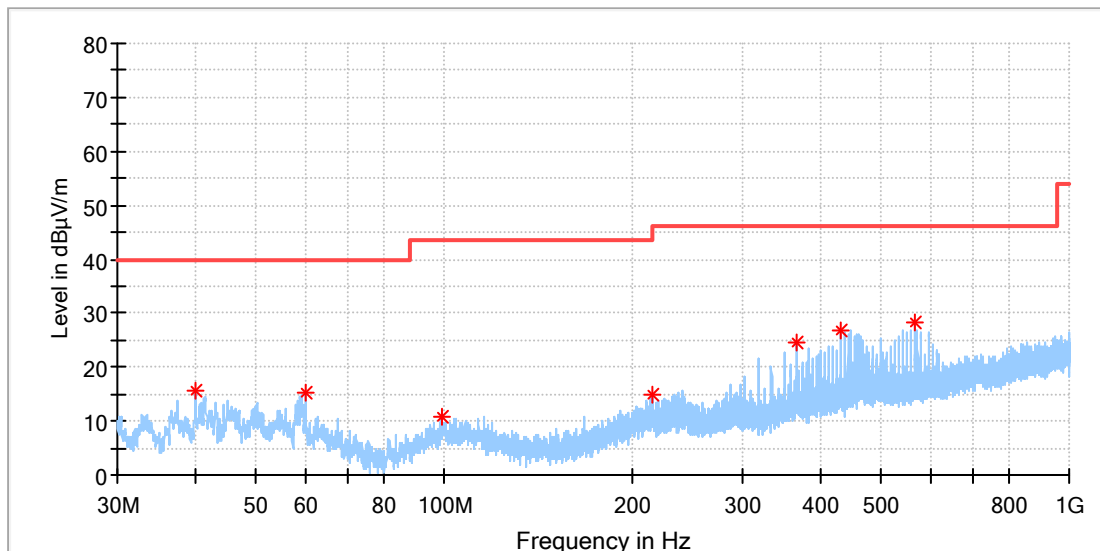
## Final Result

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

### 30MHz - 1GHz for co-location

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G+BLE+WIFI 5.8G  
Order No/Sample No: 168438670/A003598699-012  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC Part 15C  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

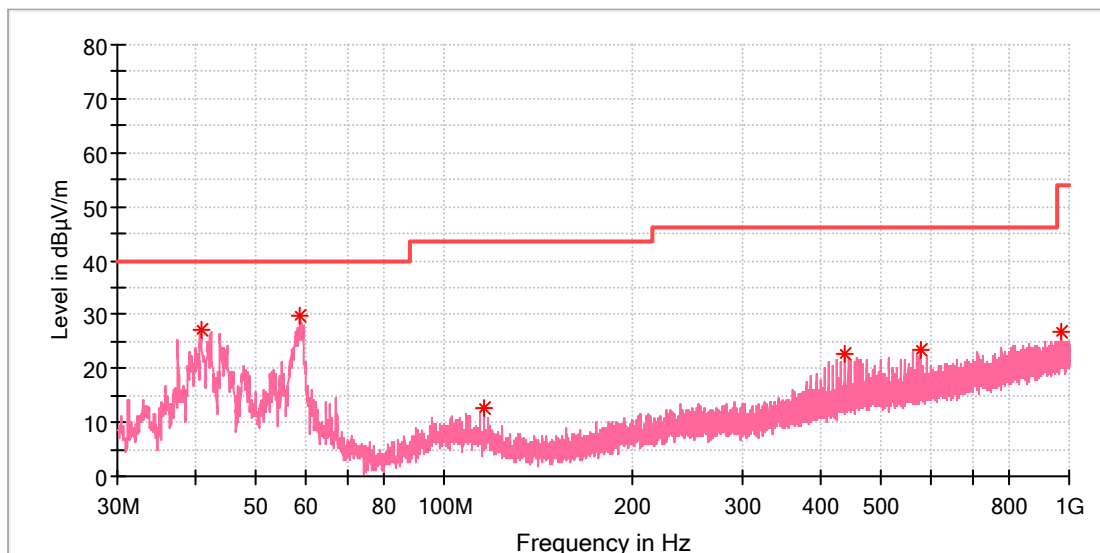
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 39.998462       | 15.49            | 40.00          | 24.51       | 100.0       | H   | 187.0         | -20.4        |
| 60.070000       | 15.12            | 40.00          | 24.88       | 100.0       | H   | 95.0          | -19.3        |
| 98.832692       | 10.71            | 43.50          | 32.79       | 100.0       | H   | 78.0          | -19.5        |
| 216.016154      | 14.95            | 46.00          | 31.05       | 100.0       | H   | 14.0          | -19.0        |
| 365.843846      | 24.51            | 46.00          | 21.49       | 100.0       | H   | 176.0         | -14.8        |
| 430.087692      | 26.94            | 46.00          | 19.06       | 100.0       | H   | 1.0           | -13.6        |
| 564.656539      | 28.21            | 46.00          | 17.79       | 100.0       | H   | 0.0           | -10.9        |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G+BLE+WIFI 5.8G  
Order No/Sample No: 168438670/A003598699-012  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC Part 15C  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

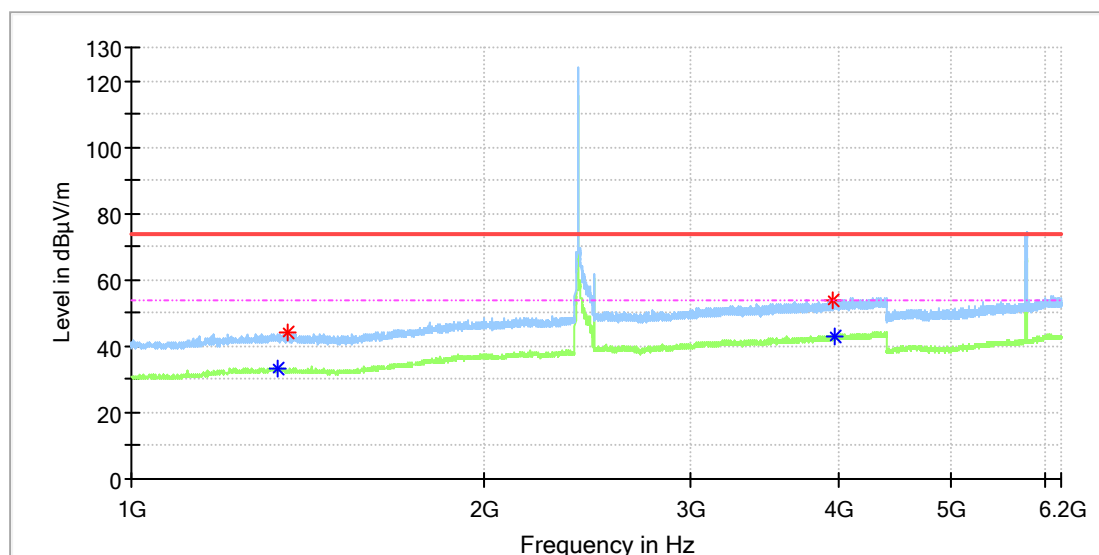
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 40.781923       | 27.05            | 40.00          | 12.95       | 100.0       | V   | 124.0         | -20.2        |
| 58.838846       | 29.60            | 40.00          | 10.40       | 100.0       | V   | 270.0         | -19.2        |
| 115.621154      | 12.48            | 43.50          | 31.02       | 100.0       | V   | 116.0         | -20.2        |
| 436.243462      | 22.74            | 46.00          | 23.26       | 100.0       | V   | 59.0          | -13.5        |
| 577.005385      | 23.51            | 46.00          | 22.49       | 100.0       | V   | 107.0         | -10.6        |
| 972.392308      | 26.67            | 54.00          | 27.33       | 100.0       | V   | 173.0         | -4.5         |

## Final\_Result

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

**1GHz - 18GHz for co-location****EUT Information**

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G+BLE+WIFI 5.8G   |
| Order No/Sample No: | 168438670/A003598699-012 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC Part 15C             |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |

**Critical Freqs**

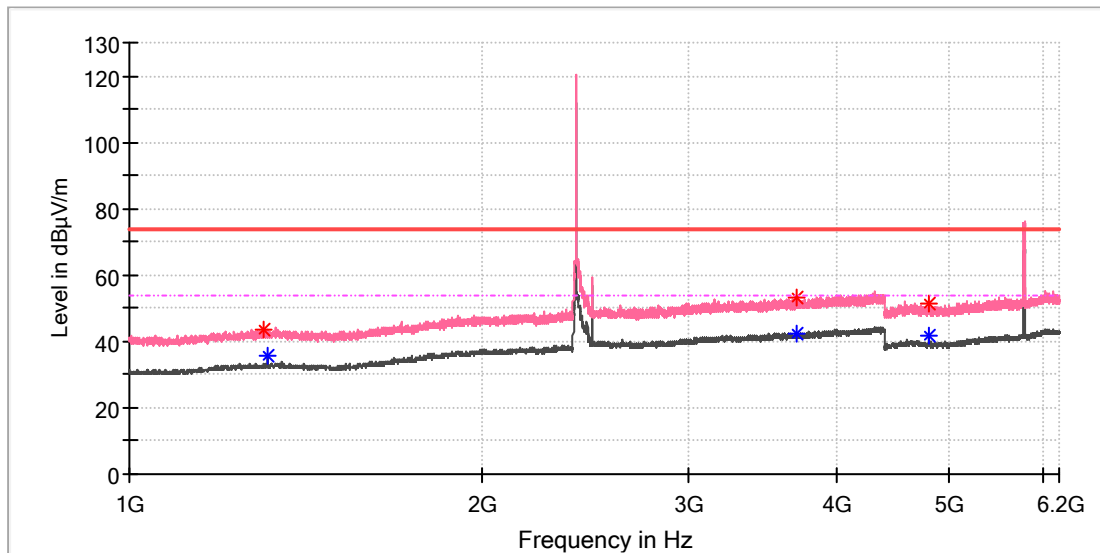
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1330.000000     | ---              | 33.49            | 54.00          | 20.51       | 150.0       | H   | 284.0         | 2.1          |
| 1358.500000     | 44.36            | ---              | 74.00          | 29.64       | 150.0       | H   | 104.0         | 2.0          |
| 3952.500000     | 53.95            | ---              | 74.00          | 20.05       | 150.0       | H   | 340.0         | 10.1         |
| 3972.000000     | ---              | 43.16            | 54.00          | 10.84       | 150.0       | H   | 343.0         | 10.1         |

**Final Result**

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G+BLE+WIFI 5.8G  
Order No/Sample No: 168438670/A003598699-012  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC Part 15C  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

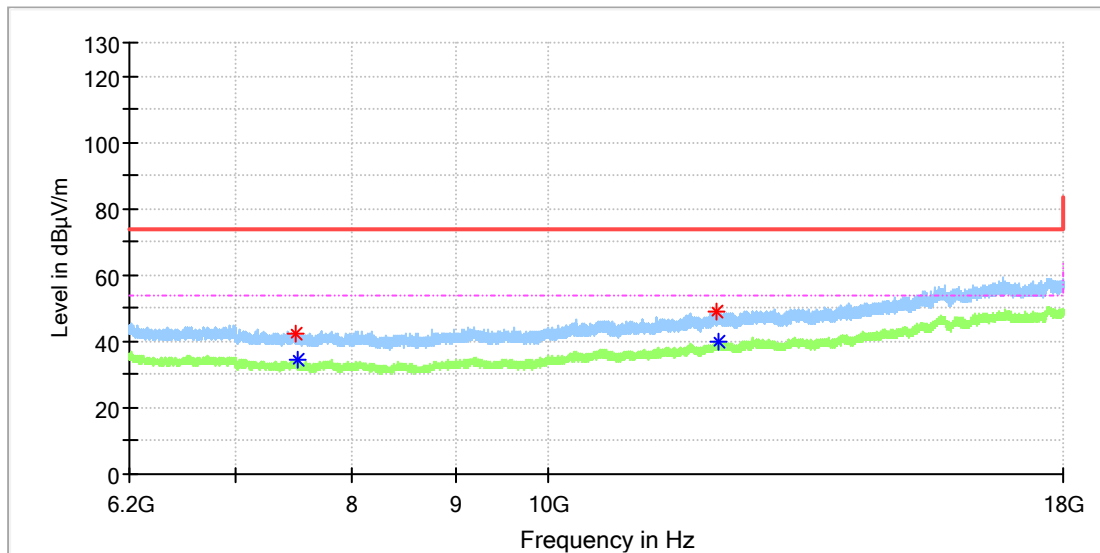
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1300.000000     | 43.63            | ---              | 74.00          | 30.37       | 150.0       | V   | 278.0         | 1.9          |
| 1312.000000     | ---              | 35.90            | 54.00          | 18.10       | 150.0       | V   | 270.0         | 2.0          |
| 3700.500000     | ---              | 42.29            | 54.00          | 11.71       | 150.0       | V   | 259.0         | 9.6          |
| 3710.500000     | 53.28            | ---              | 74.00          | 20.72       | 150.0       | V   | 254.0         | 9.6          |
| 4807.000000     | 51.60            | ---              | 74.00          | 22.40       | 150.0       | V   | 28.0          | 11.8         |
| 4807.000000     | ---              | 41.54            | 54.00          | 12.46       | 150.0       | V   | 28.0          | 11.8         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G+BLE+WIFI 5.8G  
Order No/Sample No: 168438670/A003598699-012  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC Part 15C  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

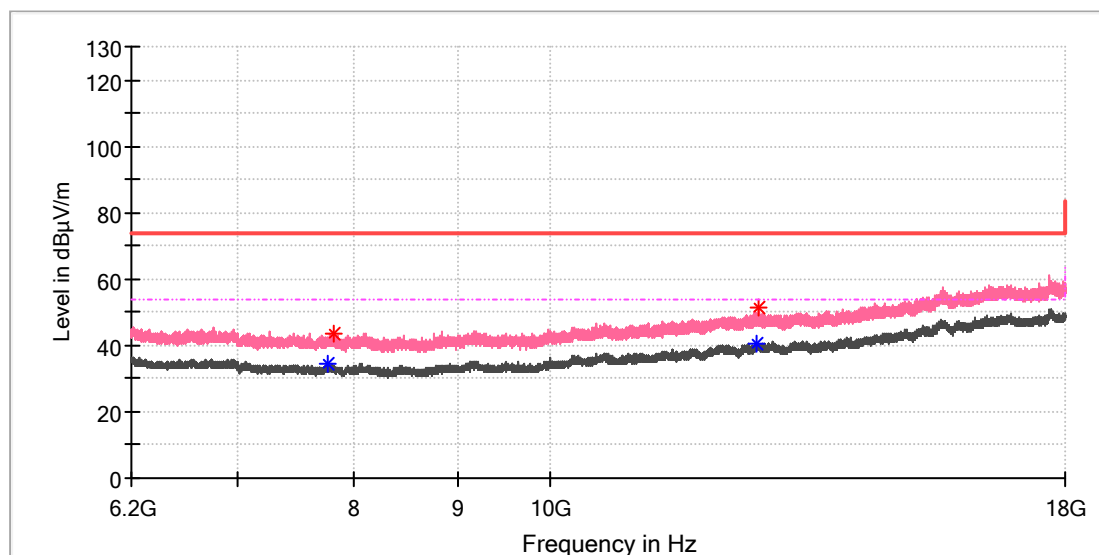
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7491.116667     | 42.57            | ---              | 74.00          | 31.43       | 150.0       | H   | 72.0          | 8.7          |
| 7506.850000     | ---              | 34.50            | 54.00          | 19.50       | 150.0       | H   | 192.0         | 8.7          |
| 12121.633333    | 48.80            | ---              | 74.00          | 25.20       | 150.0       | H   | 0.0           | 14.3         |
| 12142.775000    | ---              | 39.89            | 54.00          | 14.11       | 150.0       | H   | 192.0         | 14.4         |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G+BLE+WIFI 5.8G  
Order No/Sample No: 168438670/A003598699-012  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC Part 15C  
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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7760.058333     | ---              | 34.55            | 54.00          | 19.45       | 150.0       | V   | 220.0         | 8.8          |
| 7803.325000     | 43.69            | ---              | 74.00          | 30.31       | 150.0       | V   | 233.0         | 8.9          |
| 12648.700000    | ---              | 40.21            | 54.00          | 13.79       | 150.0       | V   | 99.0          | 15.0         |
| 12699.341667    | 51.15            | ---              | 74.00          | 22.85       | 150.0       | V   | 183.0         | 15.1         |

## Final Result

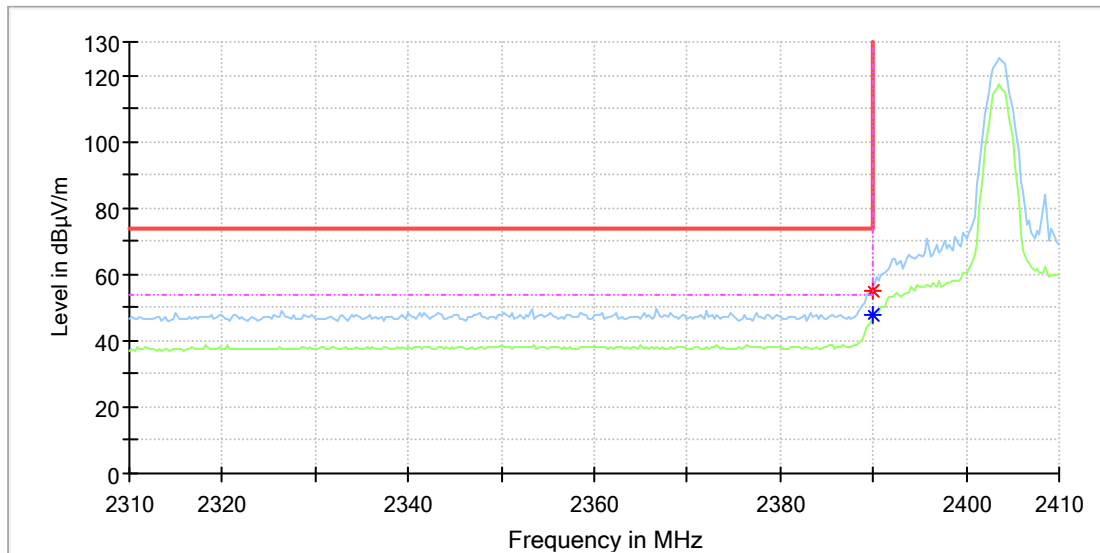
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---              | ---            | ---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

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

2.4GHz SDR, 1.4M BW

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G_1.4M_2403.5MHz  |
| Order No/Sample No: | 168438670/A003598699-013 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical\_Freqs

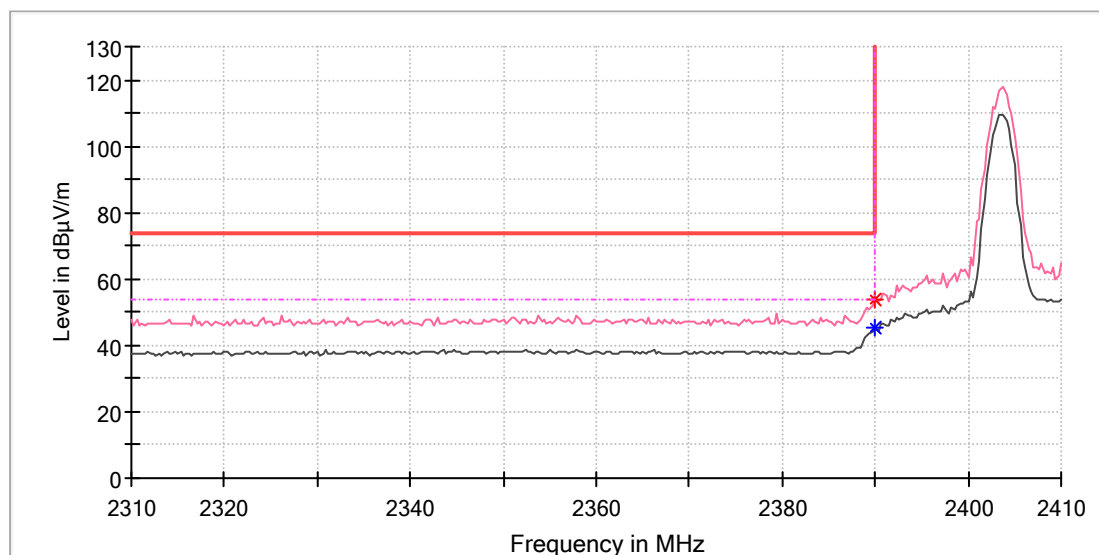
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 55.07            | ---              | 74.00          | 18.93       | 150.0       | H   | 181.0         | 7.0          |
| 2390.000000     | ---              | 47.64            | 54.00          | 6.36        | 150.0       | H   | 181.0         | 7.0          |

### Final\_Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_1.4M\_2403.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

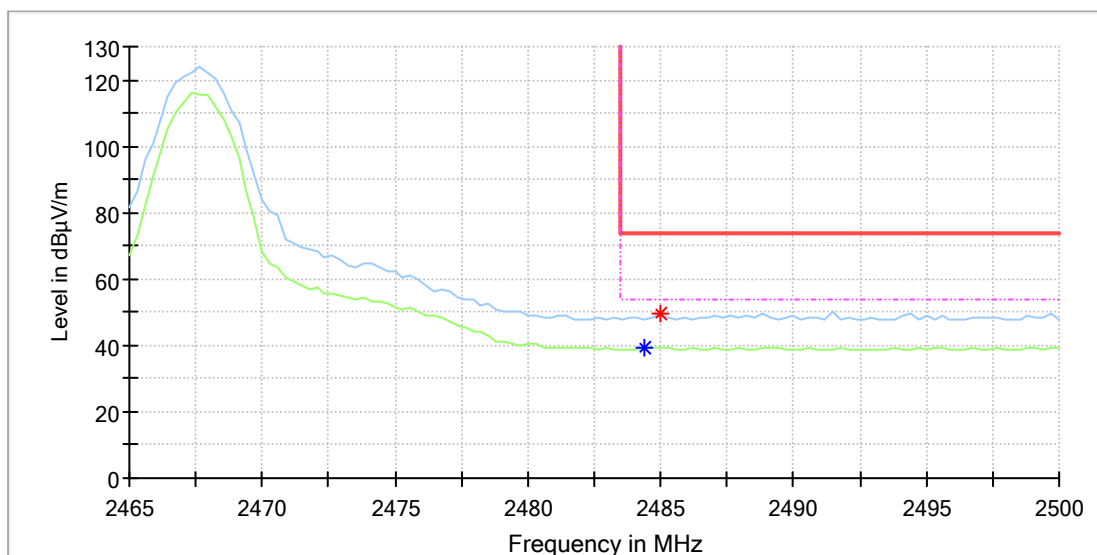
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 53.62            | ---              | 74.00          | 20.38       | 150.0       | V   | 0.0           | 7.0          |
| 2390.000000     | ---              | 45.06            | 54.00          | 8.94        | 150.0       | V   | 0.0           | 7.0          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_1.4M\_2467.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

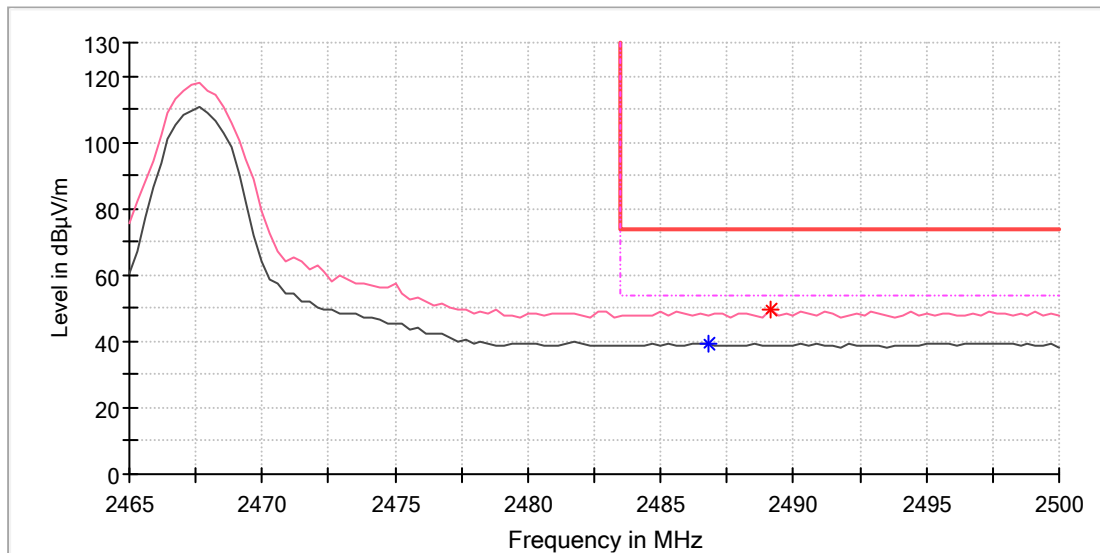
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.411765     | ---              | 39.46            | 54.00          | 14.54       | 150.0       | H   | 108.0         | 7.4          |
| 2485.000000     | 49.84            | ---              | 74.00          | 24.16       | 150.0       | H   | 248.0         | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_1.4M\_2467.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2486.764706     | ---              | 39.43            | 54.00          | 14.57       | 150.0       | V   | 331.0         | 7.4          |
| 2489.117647     | 49.41            | ---              | 74.00          | 24.59       | 150.0       | V   | 346.0         | 7.4          |

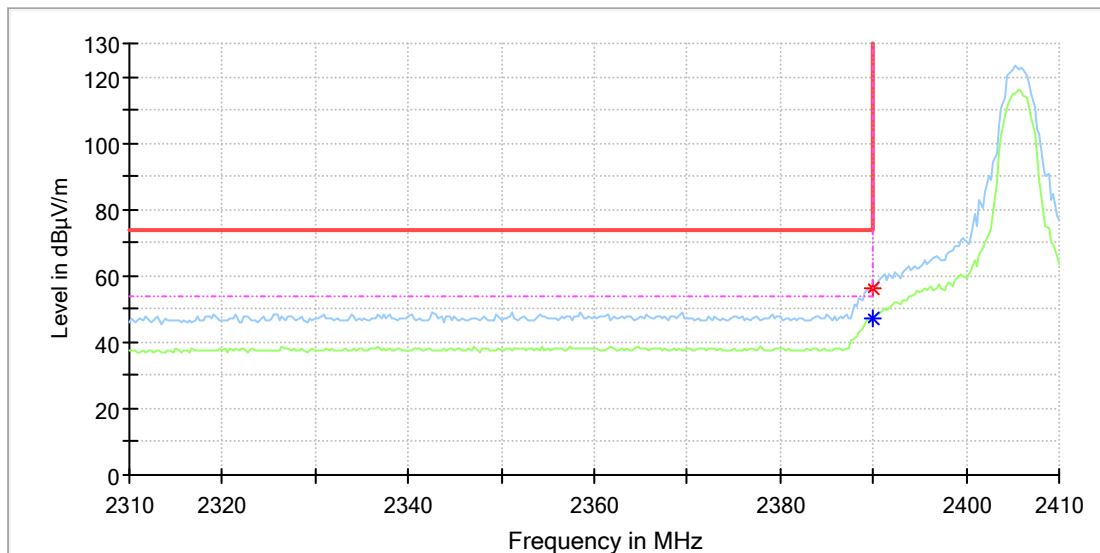
## Final Result

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

## 2.4GHz SDR, 3MHz BW

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G_3M_2405.5MHz    |
| Order No/Sample No: | 168438670/A003598699-013 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

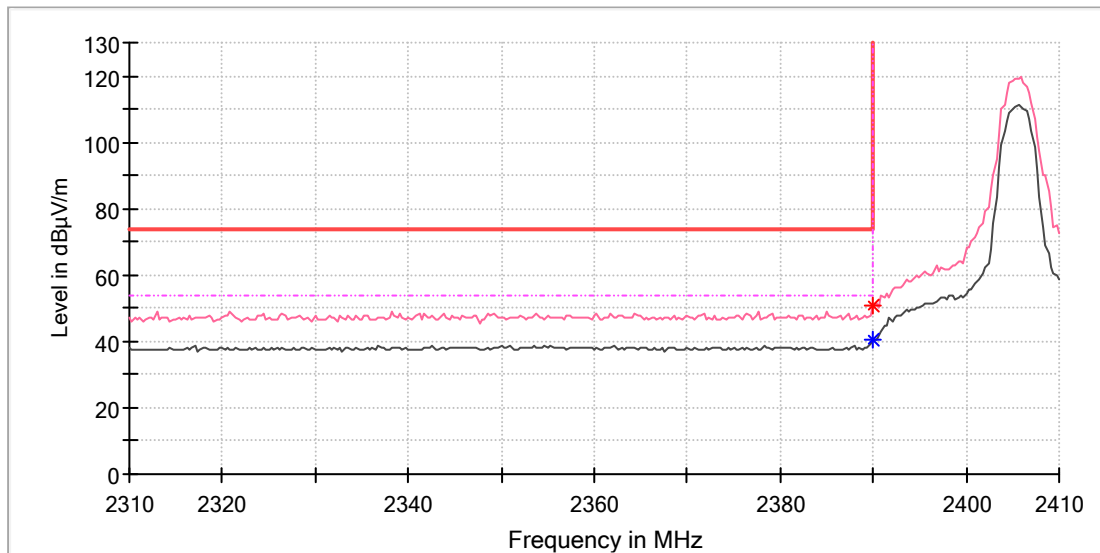
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 56.27            | ---              | 74.00          | 17.73       | 150.0       | H   | 0.0           | 7.0          |
| 2390.000000     | ---              | 47.46            | 54.00          | 6.54        | 150.0       | H   | 0.0           | 7.0          |

### Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_3M\_2405.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

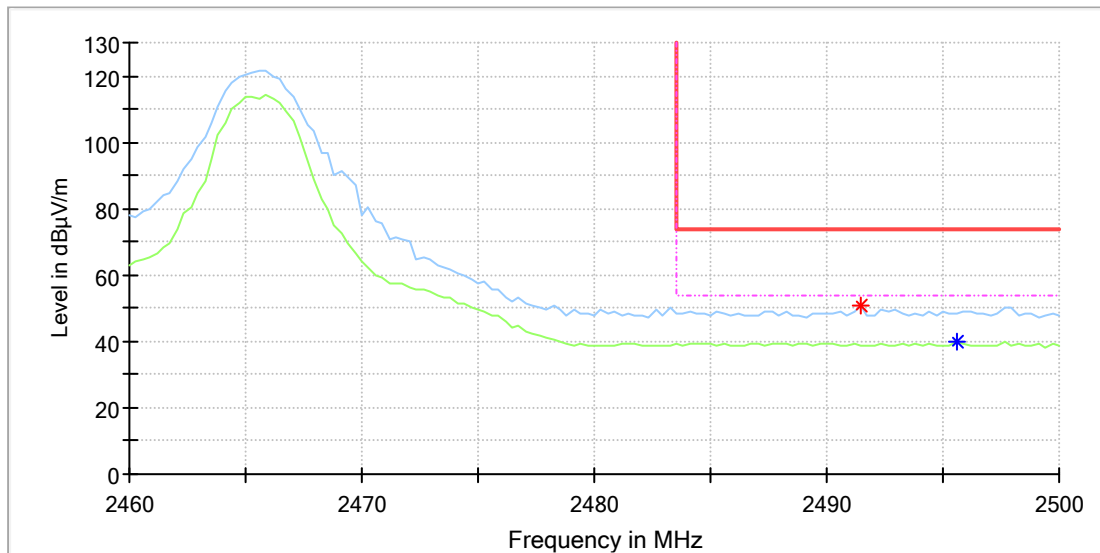
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 51.06            | ---              | 74.00          | 22.94       | 150.0       | V   | 0.0           | 7.0          |
| 2390.000000     | ---              | 40.58            | 54.00          | 13.42       | 150.0       | V   | 0.0           | 7.0          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_3M\_2465.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

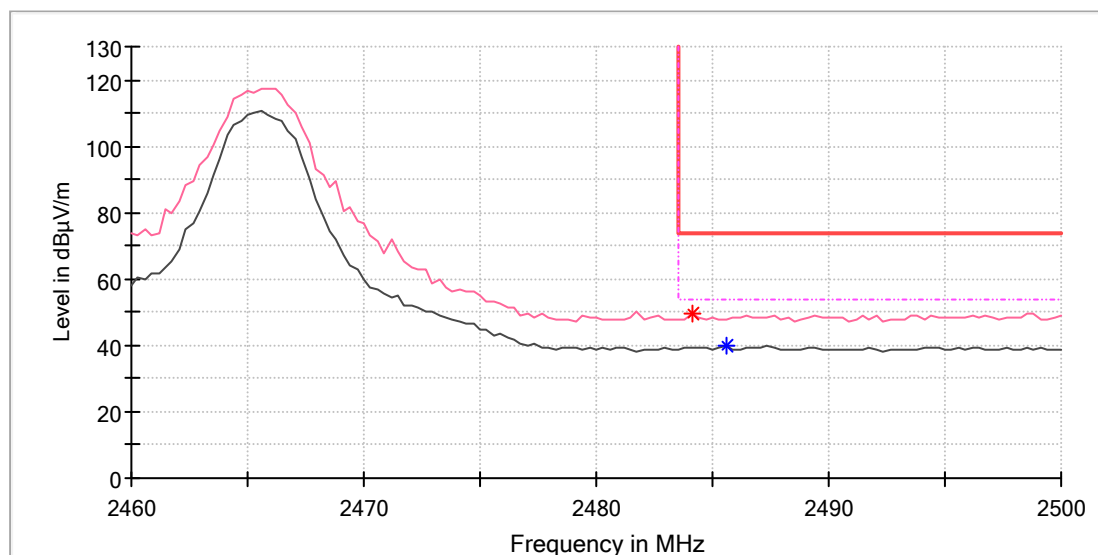
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2491.470588     | 50.49            | ---              | 74.00          | 23.51       | 150.0       | H   | 138.0         | 7.4          |
| 2495.588235     | ---              | 39.92            | 54.00          | 14.08       | 150.0       | H   | 298.0         | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_3M\_2465.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

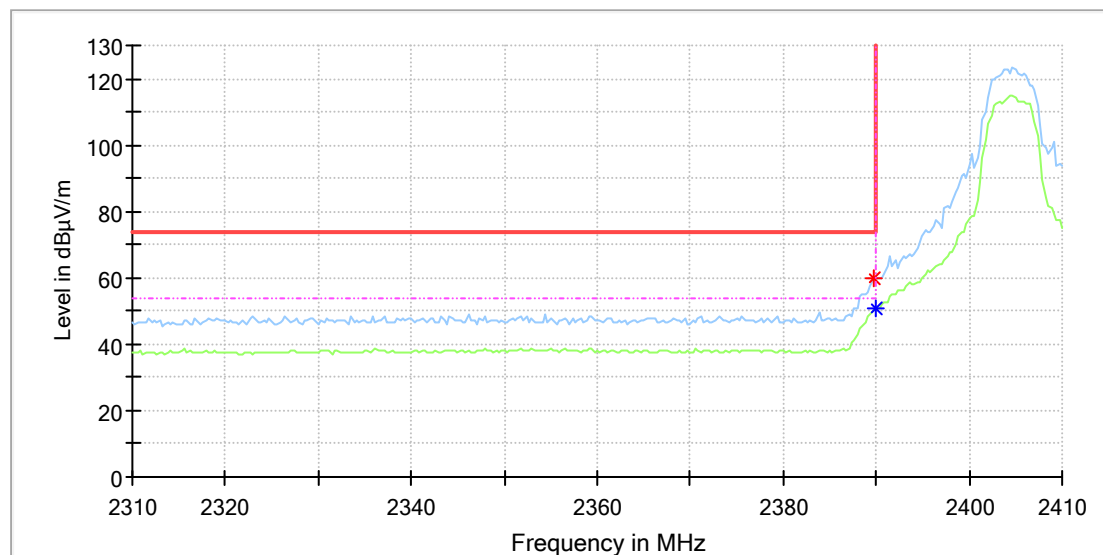
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.117647     | 49.66            | ---              | 74.00          | 24.34       | 150.0       | V   | 101.0         | 7.4          |
| 2485.588235     | ---              | 39.62            | 54.00          | 14.38       | 150.0       | V   | 205.0         | 7.4          |

## Final Result

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

**2.4GHz SDR, 5MHz BW****EUT Information**

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G_5M_2404.5MHz    |
| Order No/Sample No: | 168438670/A003598699-013 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |

**Critical Freqs**

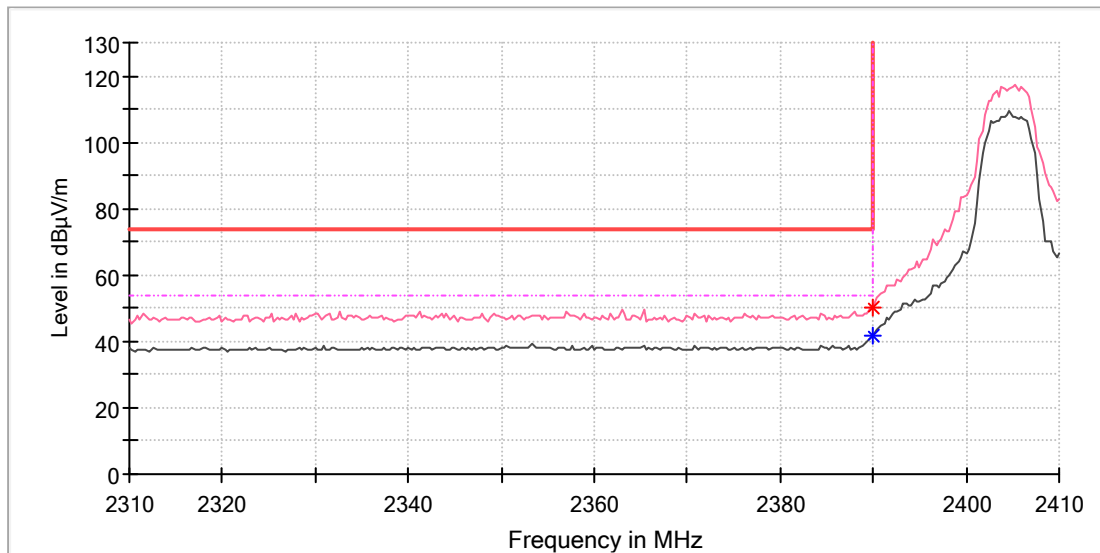
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.705882     | 59.78            | ---              | 74.00          | 14.22       | 150.0       | H   | 297.0         | 7.0          |
| 2390.000000     | ---              | 50.70            | 54.00          | 3.30        | 150.0       | H   | 290.0         | 7.0          |

**Final Result**

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_5M\_2404.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

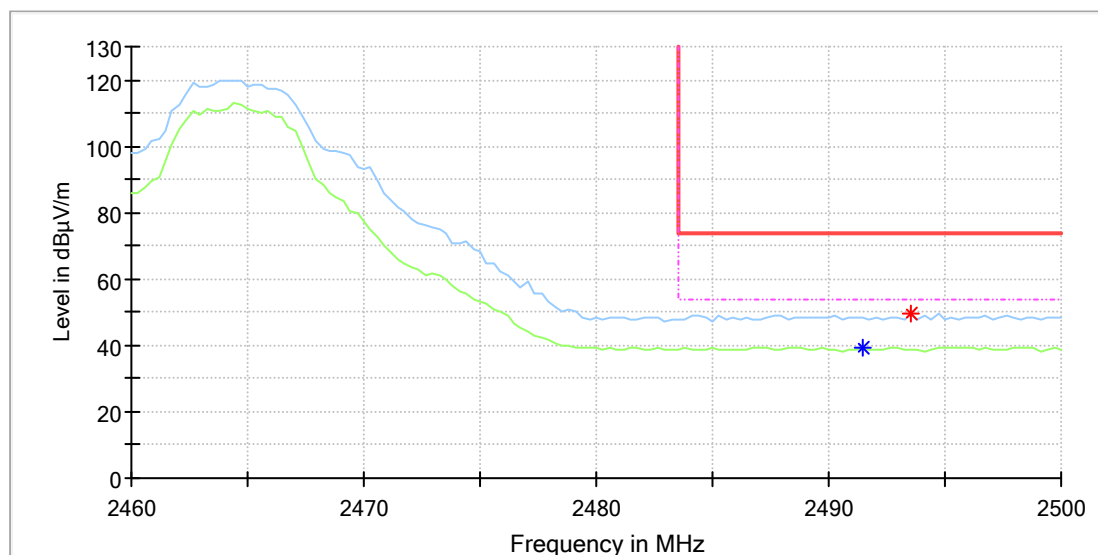
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 50.46            | ---              | 74.00          | 23.54       | 150.0       | V   | 2.0           | 7.0          |
| 2390.000000     | ---              | 41.57            | 54.00          | 12.43       | 150.0       | V   | 2.0           | 7.0          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_5M\_2464.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

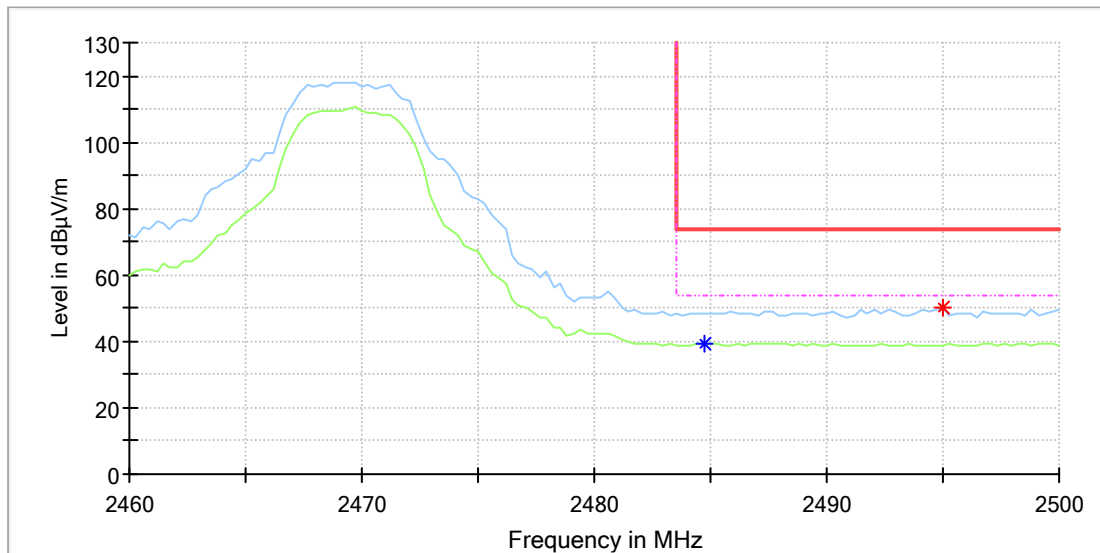
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2491.470588     | ---              | 39.09            | 54.00          | 14.91       | 150.0       | H   | 304.0         | 7.4          |
| 2493.529412     | 49.68            | ---              | 74.00          | 24.32       | 150.0       | H   | 249.0         | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_5M\_2469.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

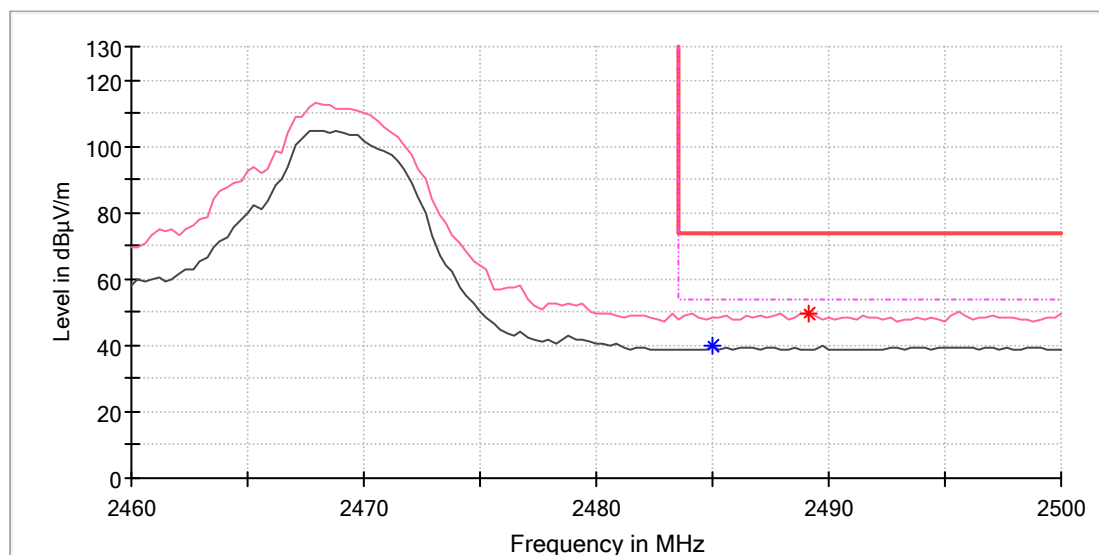
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.705882     | ---              | 39.43            | 54.00          | 14.57       | 150.0       | H   | 14.0          | 7.4          |
| 2495.000000     | 49.96            | ---              | 74.00          | 24.04       | 150.0       | H   | 49.0          | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_5M\_2469.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.000000     | ---              | 39.88            | 54.00          | 14.12       | 150.0       | V   | 266.0         | 7.4          |
| 2489.117647     | 49.84            | ---              | 74.00          | 24.16       | 150.0       | V   | 272.0         | 7.4          |

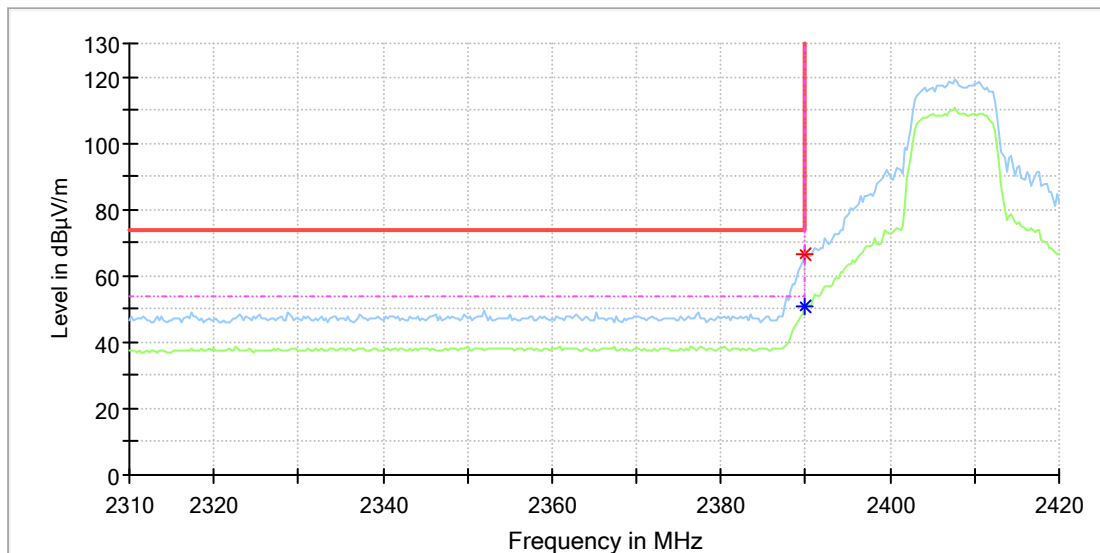
## Final Result

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

## 2.4GHz SDR, 10MHz BW

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G_10M_2407.5MHz   |
| Order No/Sample No: | 168438670/A003598699-013 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

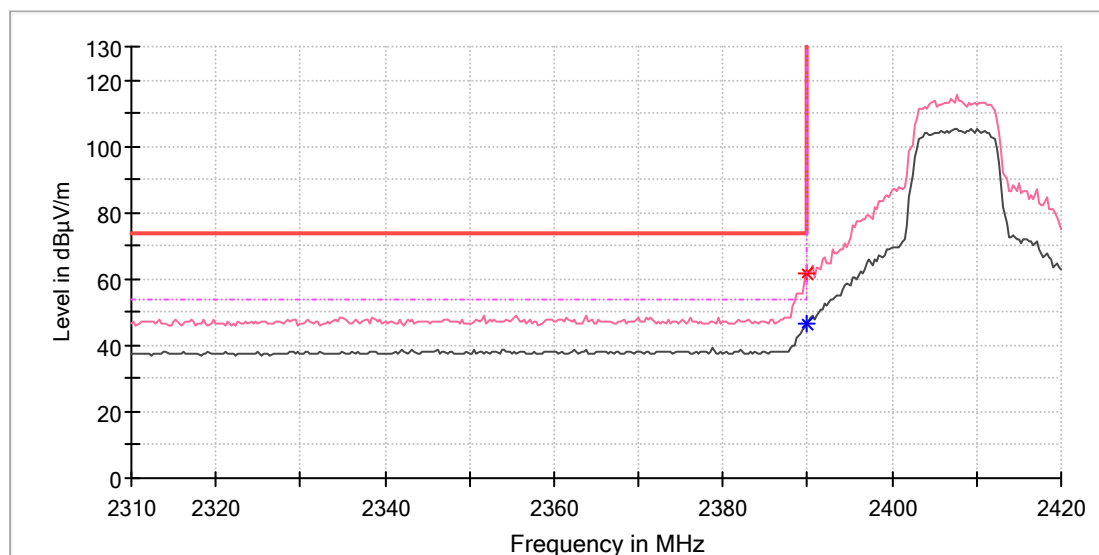
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 66.34            | ---              | 74.00          | 7.66        | 150.0       | H   | 105.0         | 7.0          |
| 2390.000000     | ---              | 50.87            | 54.00          | 3.13        | 150.0       | H   | 105.0         | 7.0          |

### Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_10M\_2407.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

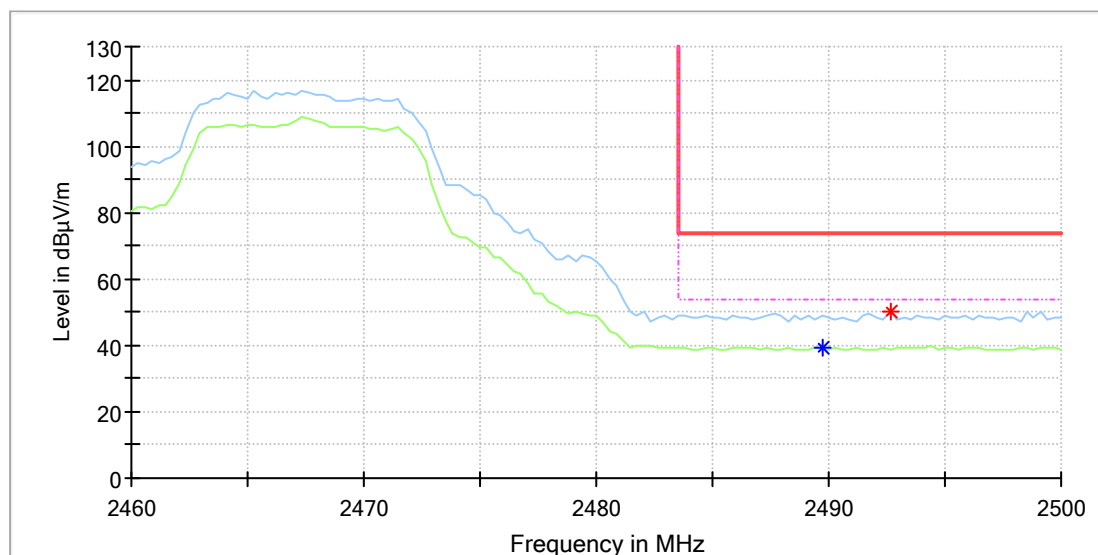
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | ---              | 46.60            | 54.00          | 7.40        | 150.0       | V   | 157.0         | 7.0          |
| 2390.000000     | 61.78            | ---              | 74.00          | 12.22       | 150.0       | V   | 157.0         | 7.0          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_10M\_2467.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

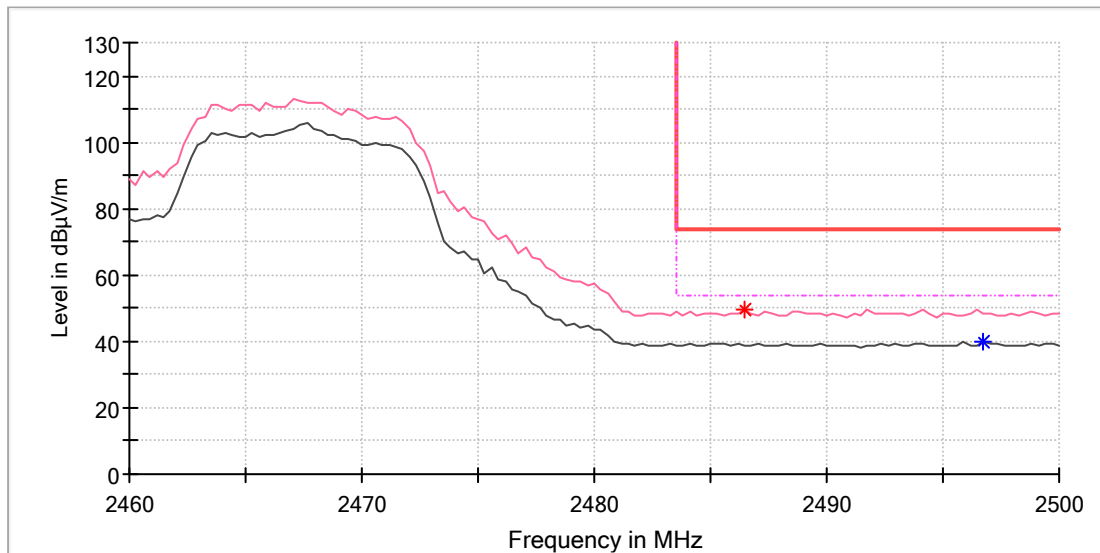
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2489.705882     | ---              | 39.36            | 54.00          | 14.64       | 150.0       | H   | 128.0         | 7.4          |
| 2492.647059     | 50.20            | ---              | 74.00          | 23.80       | 150.0       | H   | 8.0           | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_10M\_2467.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2486.470588     | 49.54            | ---              | 74.00          | 24.46       | 150.0       | V   | 252.0         | 7.4          |
| 2496.764706     | ---              | 39.73            | 54.00          | 14.27       | 150.0       | V   | 335.0         | 7.4          |

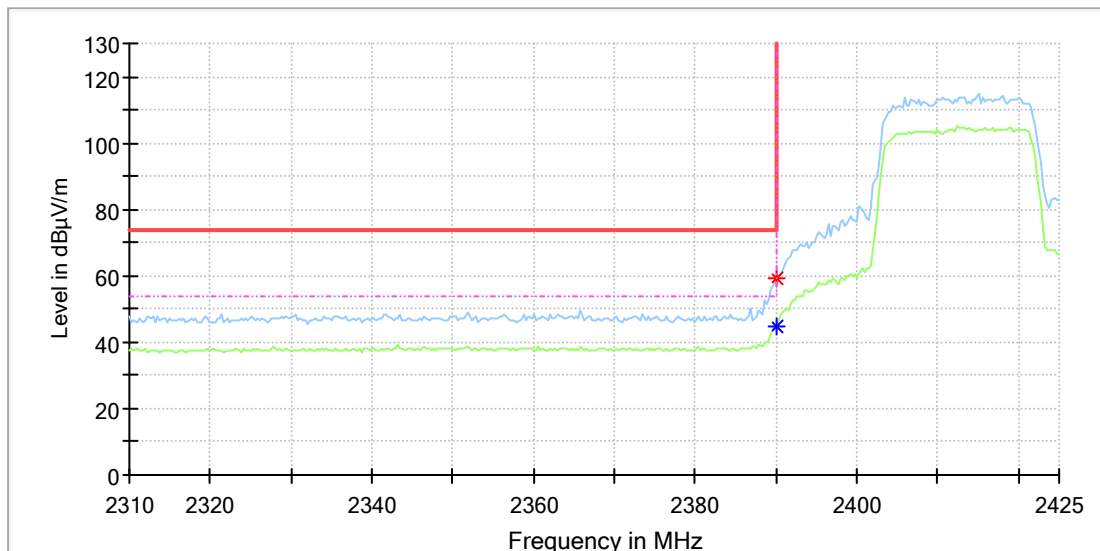
## Final Result

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

## 2.4GHz SDR, 20MHz BW

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G_20M_2412.5MHz   |
| Order No/Sample No: | 168438670/A003598699-013 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

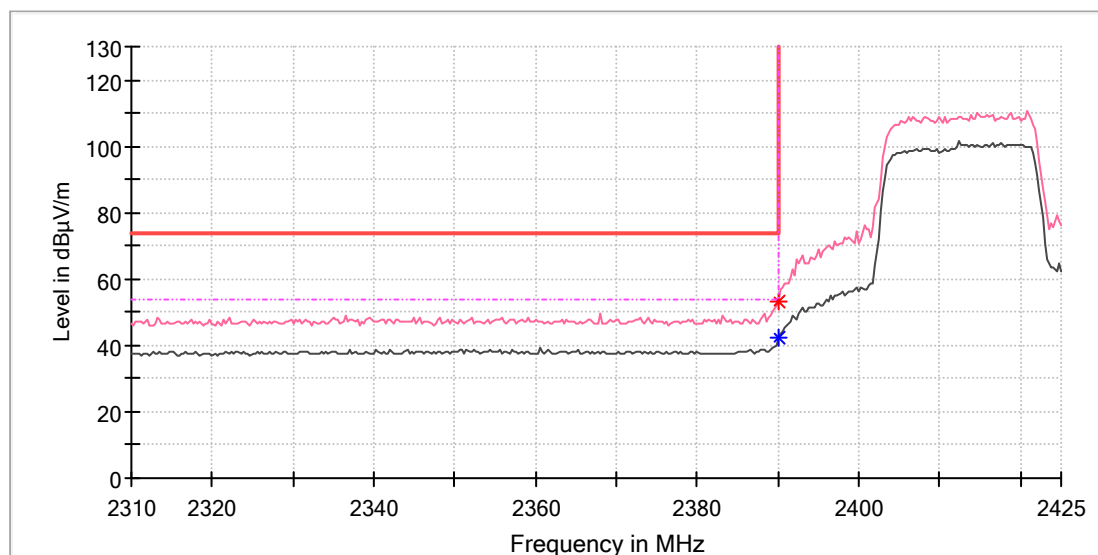
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 59.35            | ---              | 74.00          | 14.65       | 150.0       | H   | 167.0         | 7.0          |
| 2390.000000     | ---              | 44.59            | 54.00          | 9.41        | 150.0       | H   | 167.0         | 7.0          |

### Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_20M\_2412.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

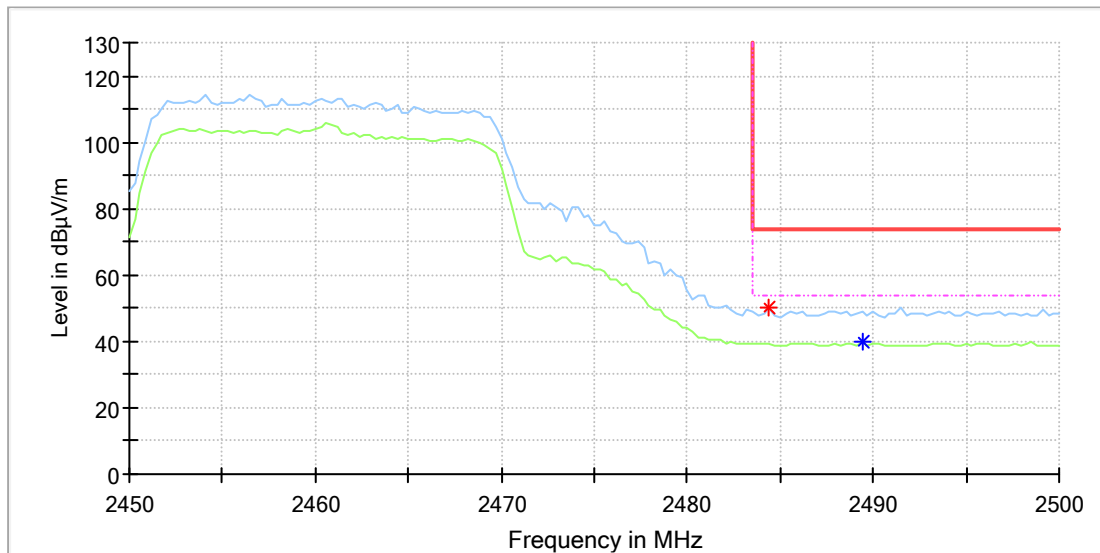
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 53.27            | ---              | 74.00          | 20.73       | 150.0       | V   | 151.0         | 7.0          |
| 2390.000000     | ---              | 42.10            | 54.00          | 11.90       | 150.0       | V   | 151.0         | 7.0          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_20M\_2460.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

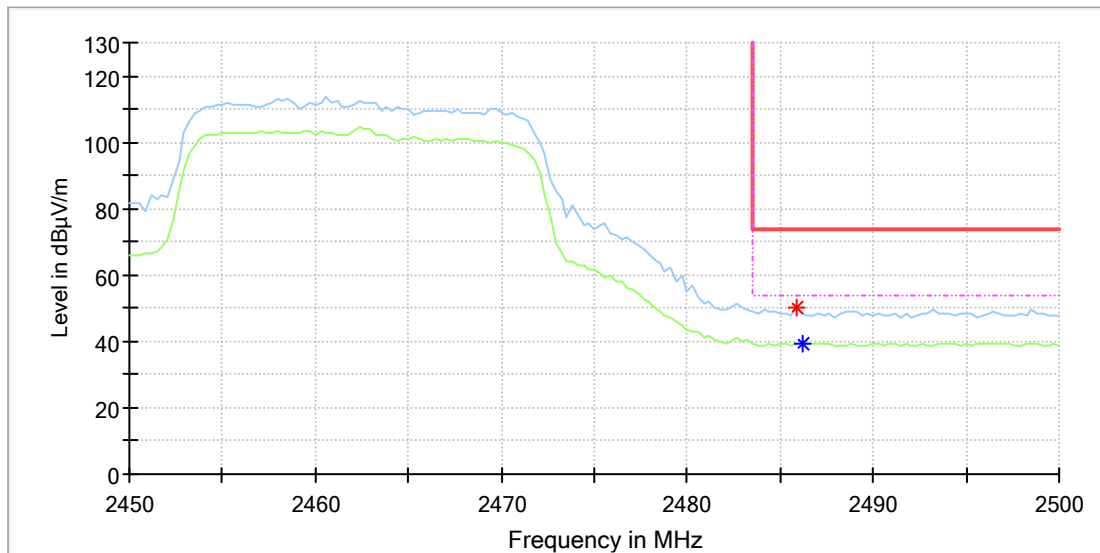
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.411765     | 49.97            | ---              | 74.00          | 24.03       | 150.0       | H   | 184.0         | 7.4          |
| 2489.411765     | ---              | 39.75            | 54.00          | 14.25       | 150.0       | H   | 135.0         | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_20M\_2462.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

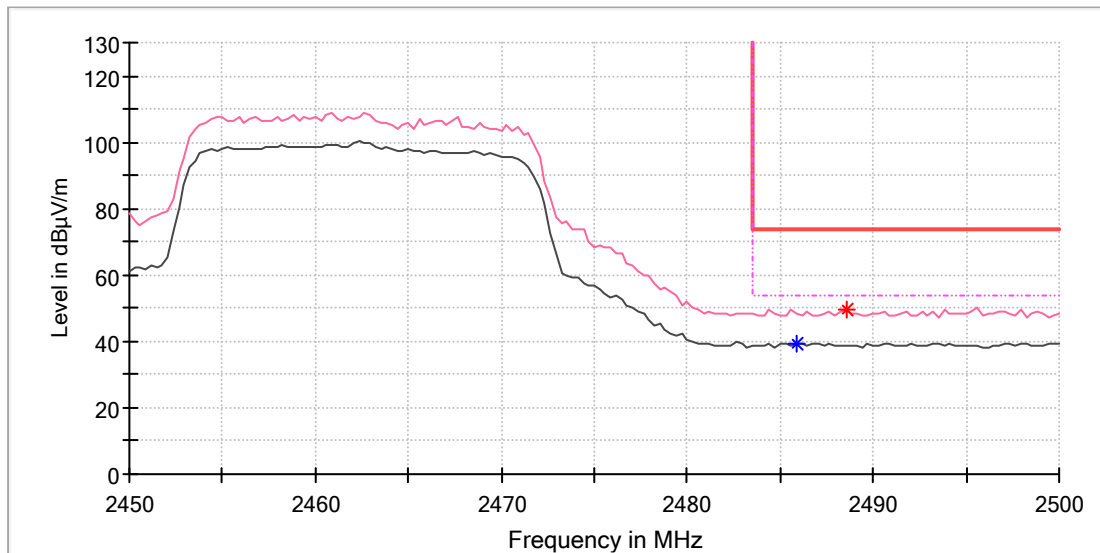
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.882353     | 50.44            | ---              | 74.00          | 23.56       | 150.0       | H   | 336.0         | 7.4          |
| 2486.176471     | ---              | 39.55            | 54.00          | 14.45       | 150.0       | H   | 79.0          | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_20M\_2462.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.882353     | ---              | 39.46            | 54.00          | 14.54       | 150.0       | V   | 43.0          | 7.4          |
| 2488.529412     | 49.76            | ---              | 74.00          | 24.24       | 150.0       | V   | 98.0          | 7.4          |

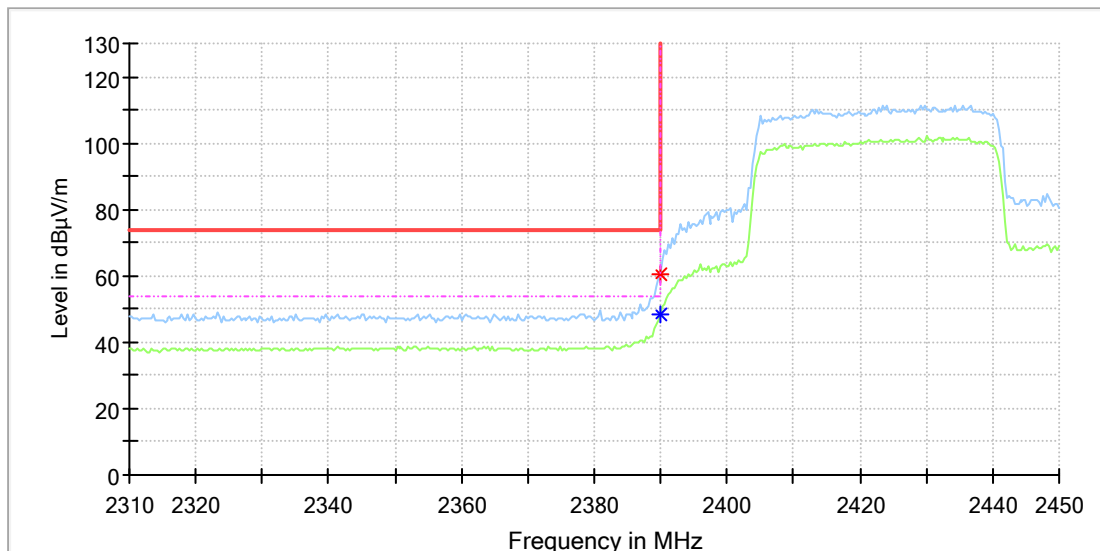
## Final Result

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

## 2.4GHz SDR, 40MHz BW

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G_40M_2422.5MHz   |
| Order No/Sample No: | 168438670/A003598699-013 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

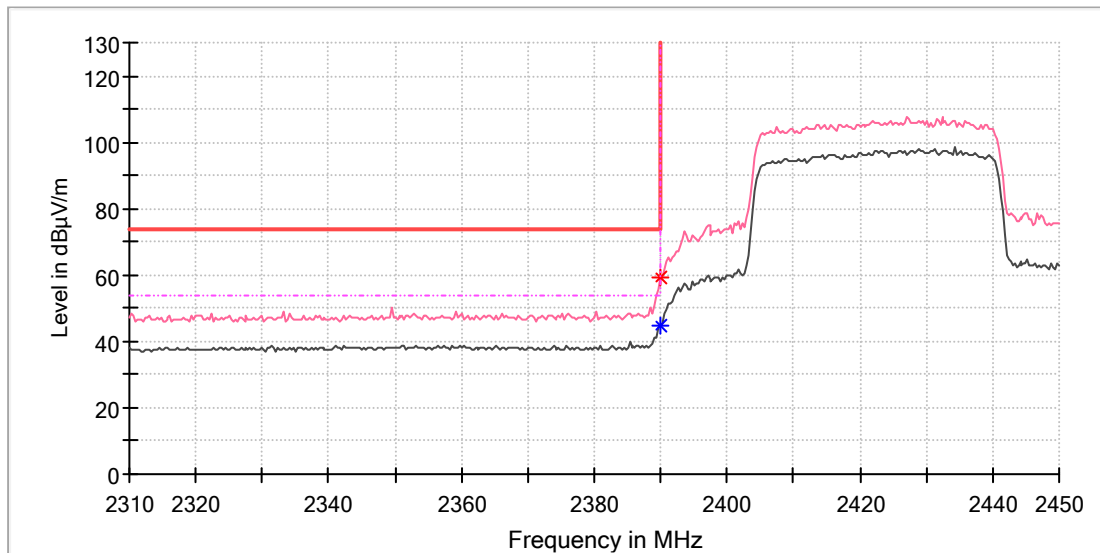
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 60.60            | ---              | 74.00          | 13.40       | 150.0       | H   | 164.0         | 7.0          |
| 2390.000000     | ---              | 48.65            | 54.00          | 5.35        | 150.0       | H   | 164.0         | 7.0          |

### Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2422.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

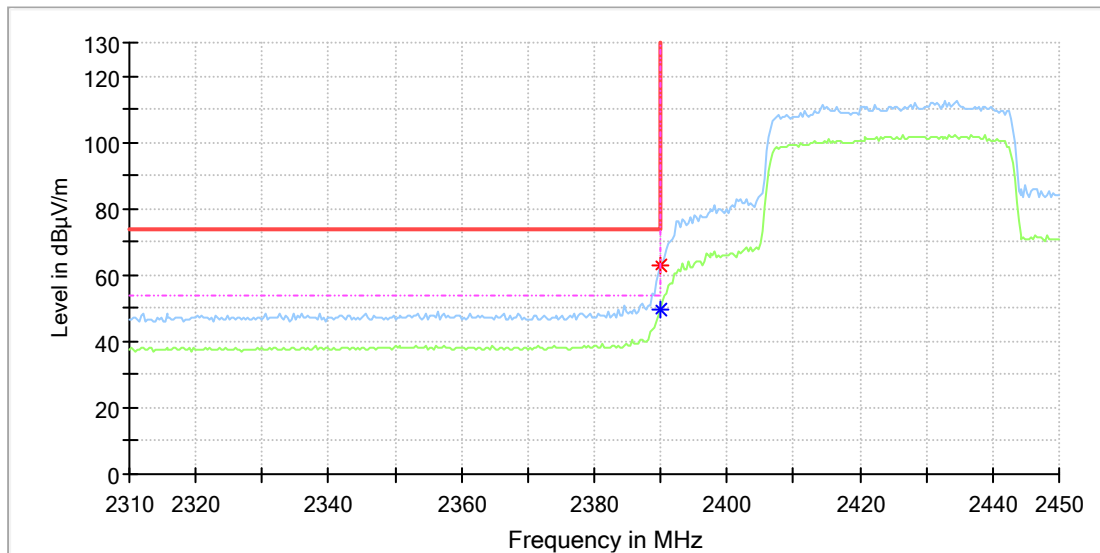
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 59.09            | ---              | 74.00          | 14.91       | 150.0       | V   | 207.0         | 7.0          |
| 2390.000000     | ---              | 44.55            | 54.00          | 9.45        | 150.0       | V   | 207.0         | 7.0          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2424.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

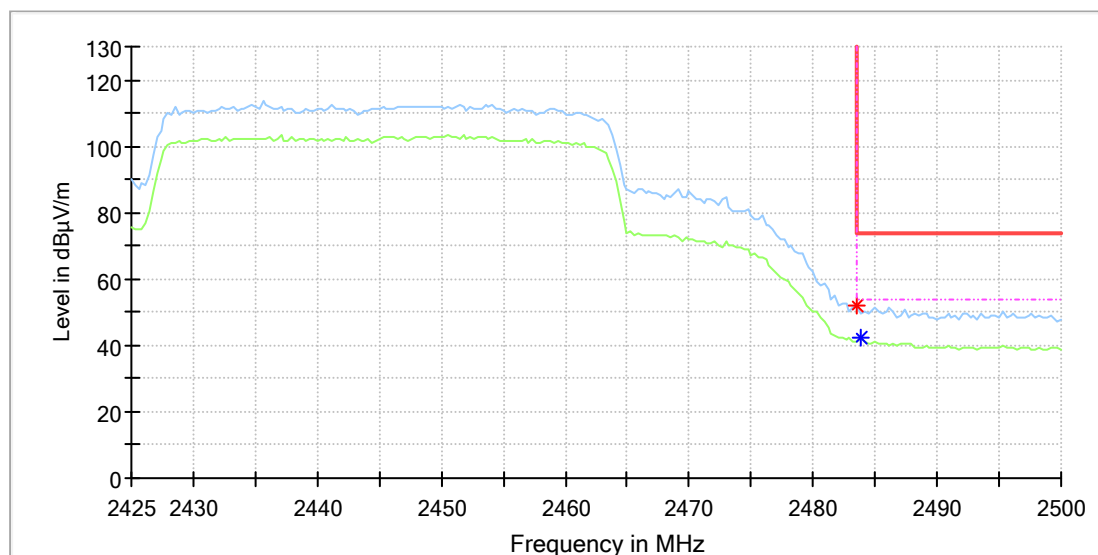
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 62.87            | ---              | 74.00          | 11.13       | 150.0       | H   | 293.0         | 7.0          |
| 2390.000000     | ---              | 49.77            | 54.00          | 4.23        | 150.0       | H   | 293.0         | 7.0          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2445.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

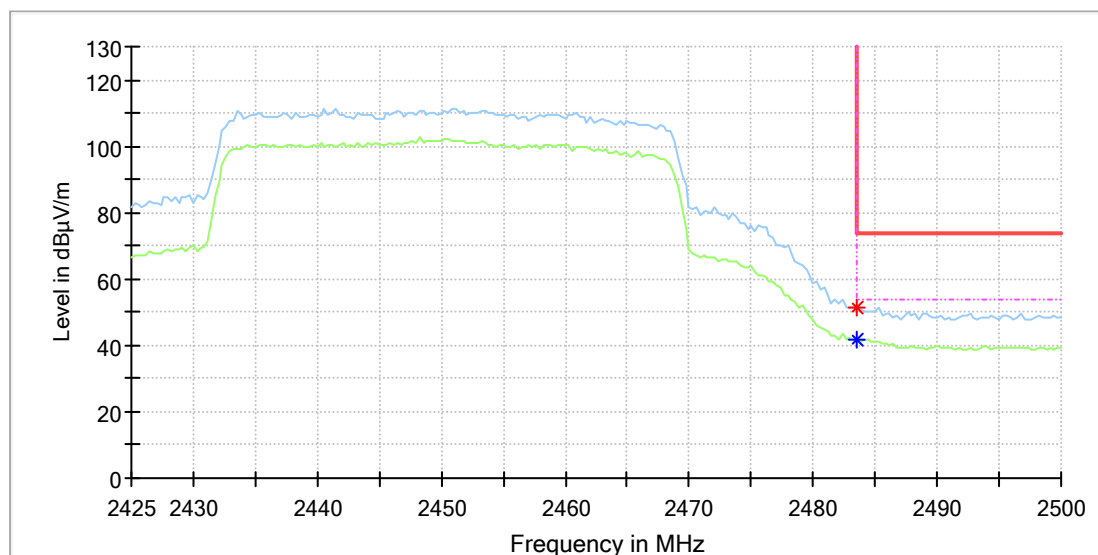
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.529412     | 52.25            | ---              | 74.00          | 21.75       | 150.0       | H   | 155.0         | 7.4          |
| 2483.823529     | ---              | 42.05            | 54.00          | 11.95       | 150.0       | H   | 169.0         | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2450.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

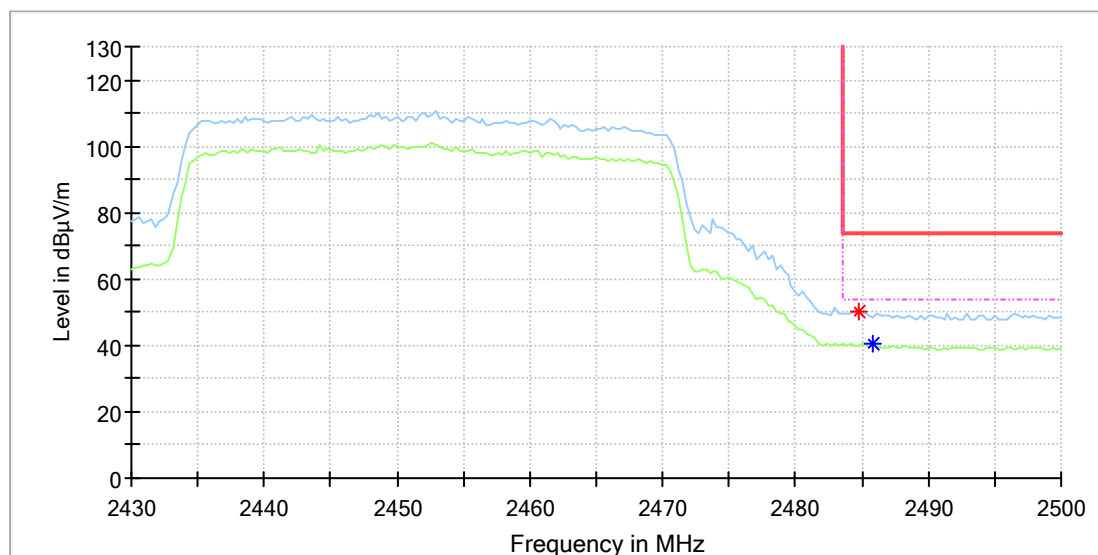
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.529412     | ---              | 42.01            | 54.00          | 11.99       | 150.0       | H   | 301.0         | 7.4          |
| 2483.529412     | 51.58            | ---              | 74.00          | 22.42       | 150.0       | H   | 301.0         | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2452.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

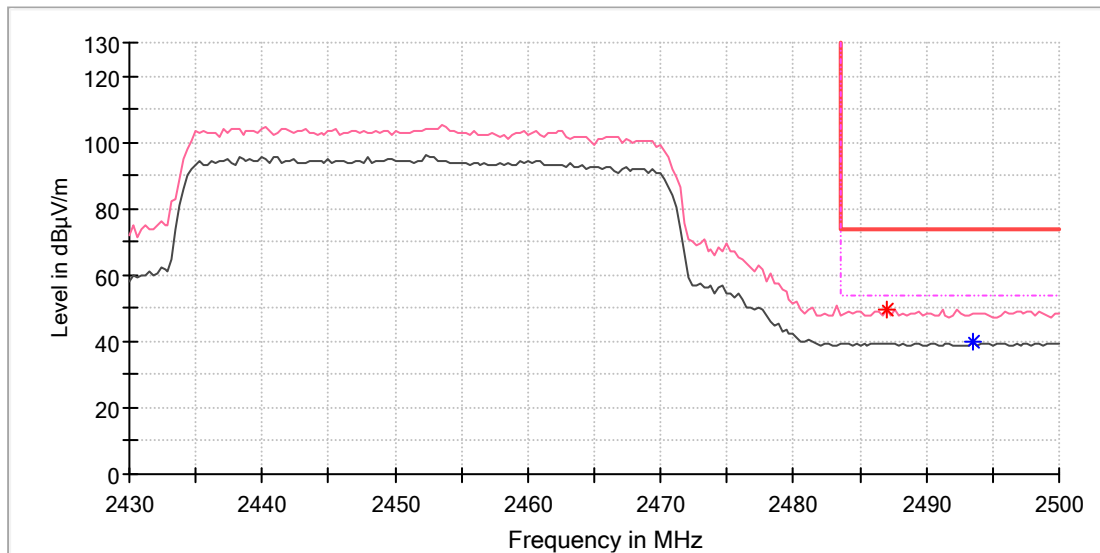
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.705882     | 50.43            | ---              | 74.00          | 23.57       | 150.0       | H   | 189.0         | 7.4          |
| 2485.882353     | ---              | 40.60            | 54.00          | 13.40       | 150.0       | H   | 154.0         | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_40M\_2452.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

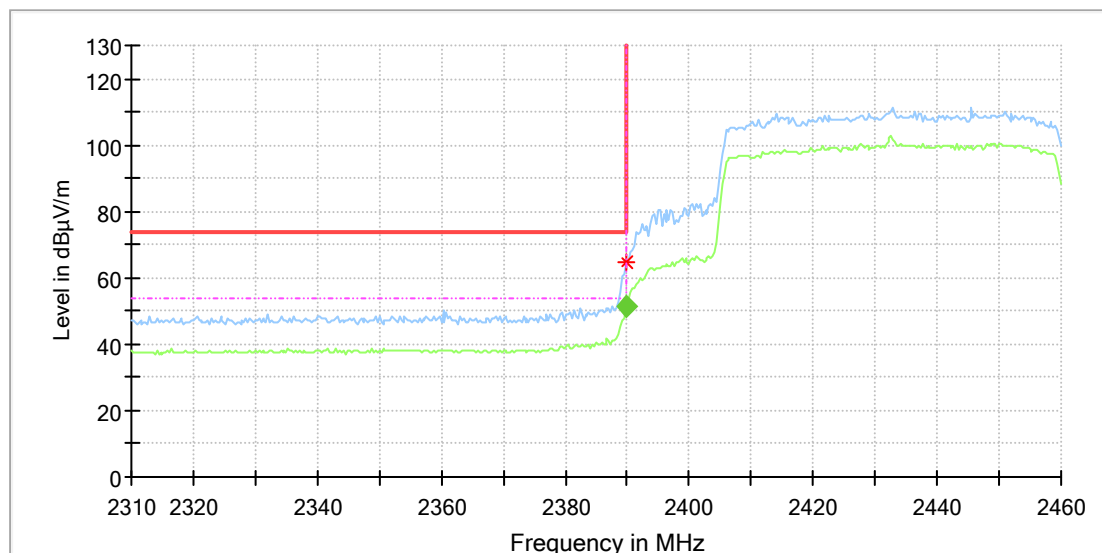
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2487.058824     | 49.44            | ---              | 74.00          | 24.56       | 150.0       | V   | 159.0         | 7.4          |
| 2493.529412     | ---              | 39.63            | 54.00          | 14.37       | 150.0       | V   | 74.0          | 7.4          |

## Final Result

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

**2.4GHz SDR, 60MHz BW****EUT Information**

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | DJI Avata 2              |
| Model:              | QF3W4K                   |
| Test Mode:          | SDR 2.4G_60M_2432.5MHz   |
| Order No/Sample No: | 168438670/A003598699-013 |
| Test Voltage:       | Battery                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |

**Critical Freqs**

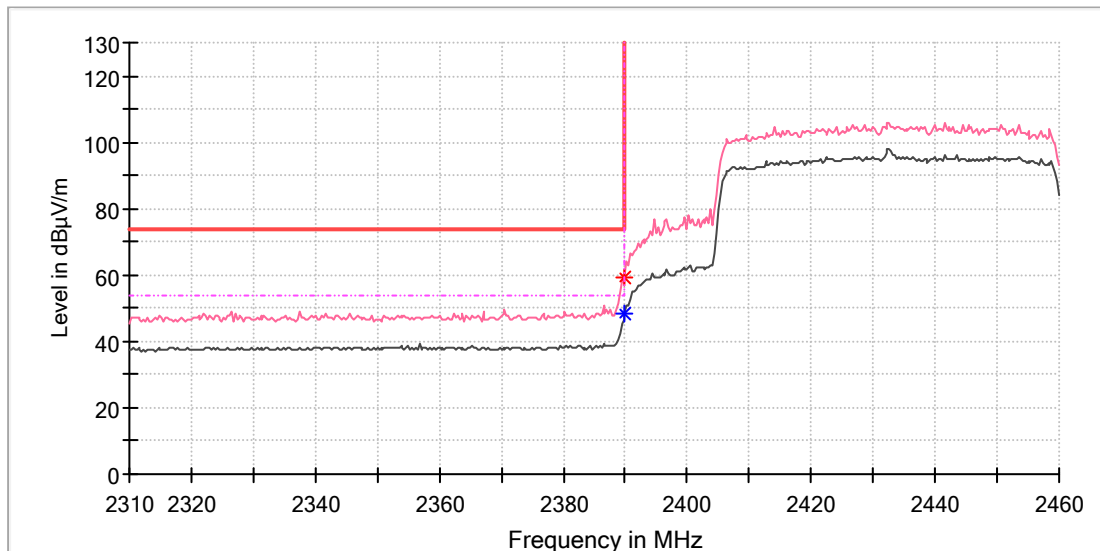
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 64.88            | ---              | 74.00          | 9.12        | 150.0       | H   | 161.0         | 7.0          |

**Final Result**

| Frequency (MHz) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.894114     | 51.49            | 54.00          | 2.51        | 147.0       | H   | 156.0         | 7.0          |

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_60M\_2432.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

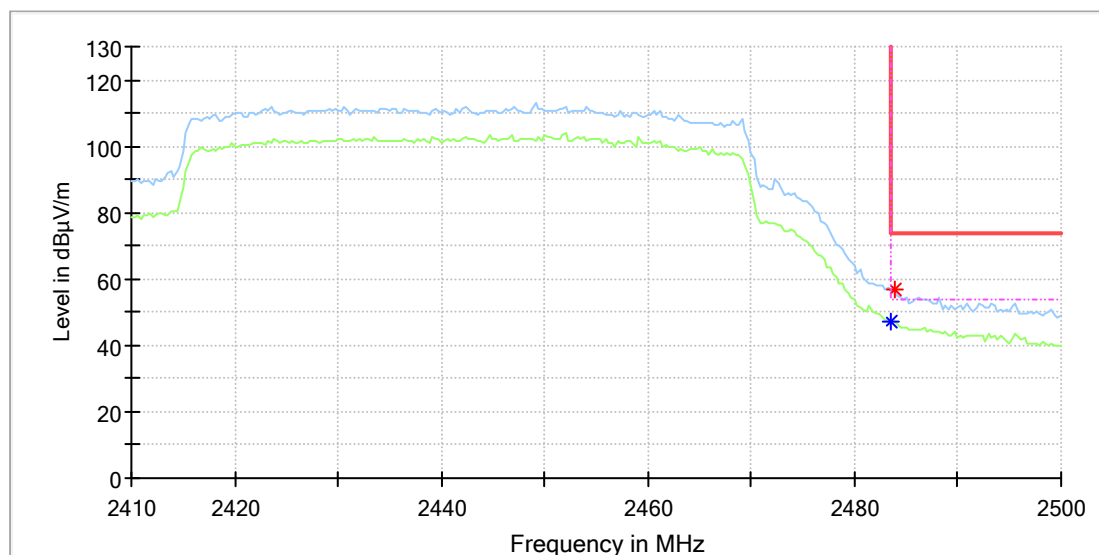
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2390.000000     | 59.12            | ---              | 74.00          | 14.88       | 150.0       | V   | 352.0         | 7.0          |
| 2390.000000     | ---              | 48.39            | 54.00          | 5.61        | 150.0       | V   | 352.0         | 7.0          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_60M\_2442.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

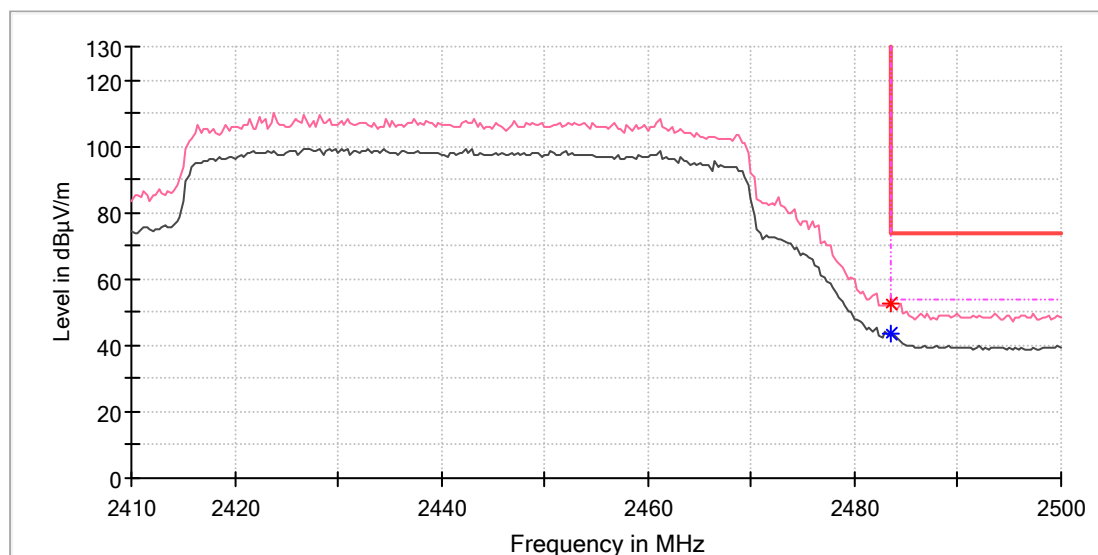
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.529412     | ---              | 47.38            | 54.00          | 6.62        | 150.0       | H   | 288.0         | 7.4          |
| 2483.823529     | 56.68            | ---              | 74.00          | 17.32       | 150.0       | H   | 295.0         | 7.4          |

## Final Result

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

## EUT Information

EUT Name: DJI Avata 2  
Model: QF3W4K  
Test Mode: SDR 2.4G\_60M\_2442.5MHz  
Order No/Sample No: 168438670/A003598699-013  
Test Voltage: Battery  
Remark: Temp 24 Humi:50%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.529412     | 52.69            | ---              | 74.00          | 21.31       | 150.0       | V   | 198.0         | 7.4          |
| 2483.529412     | ---              | 43.70            | 54.00          | 10.30       | 150.0       | V   | 198.0         | 7.4          |

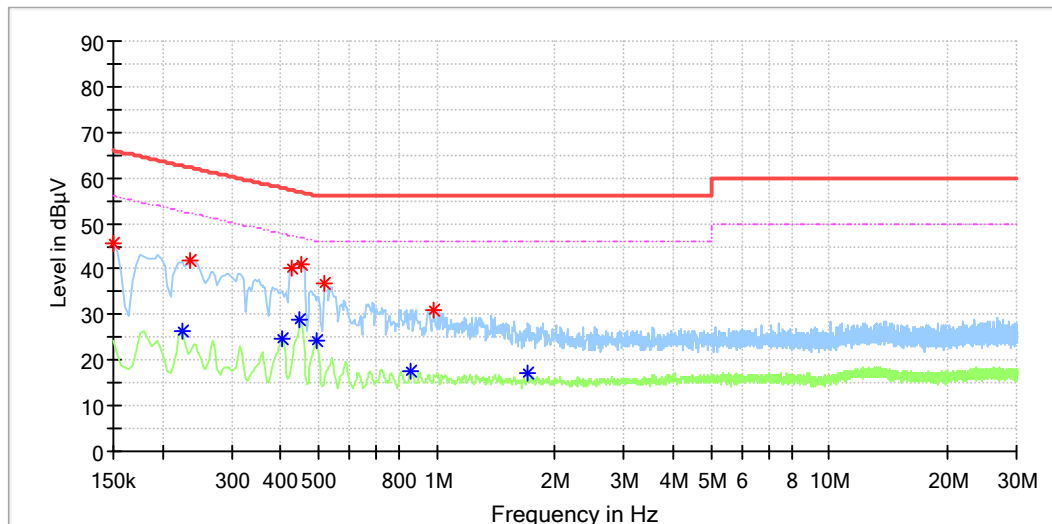
## Final Result

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

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

### EUT Information

EUT Name: DJI Avata 2  
Order Number: 168438670  
Model: QF3W4K  
Test Mode: 2.4G SDR  
Test Voltage: AC 120V, 60Hz  
Test Standard: FCC Part 15.207  
Test By:/Review By: Eric Guo/ Gary Chen  
Tem./Hum./Pressure: 25.0°C/51.2%/101kPa  
Remark: SR2

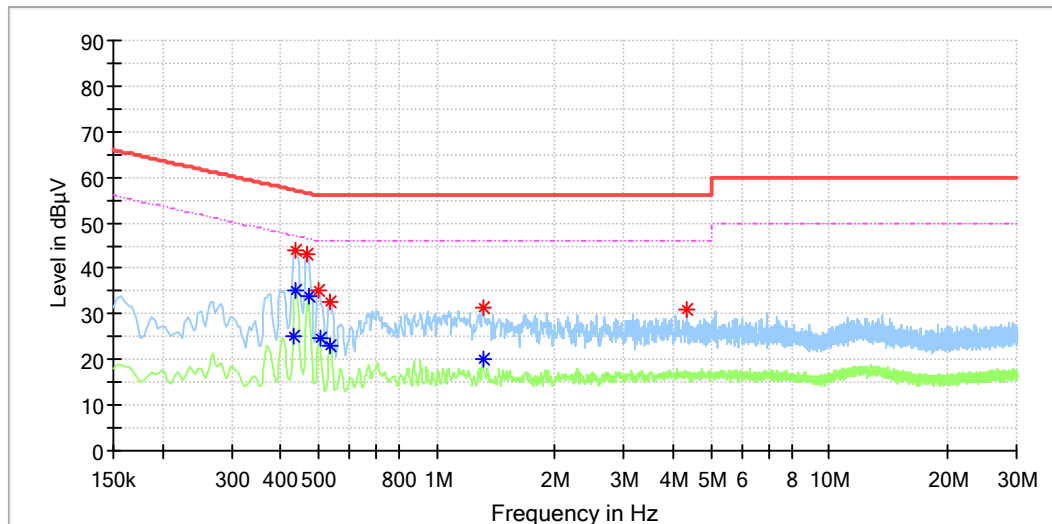


### Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.150000        | 45.72          | ---            | 66.00        | 20.28       | L1   | 9.9        |
| 0.224625        | ---            | 26.52          | 52.65        | 26.13       | L1   | 9.9        |
| 0.235819        | 42.04          | ---            | 62.24        | 20.20       | L1   | 9.9        |
| 0.403725        | ---            | 24.65          | 47.78        | 23.13       | L1   | 9.9        |
| 0.426113        | 40.13          | ---            | 57.33        | 17.20       | L1   | 9.9        |
| 0.448500        | ---            | 28.95          | 46.90        | 17.95       | L1   | 9.9        |
| 0.452231        | 40.92          | ---            | 56.83        | 15.91       | L1   | 9.9        |
| 0.493275        | ---            | 24.24          | 46.11        | 21.87       | L1   | 10.0       |
| 0.519394        | 36.76          | ---            | 56.00        | 19.24       | L1   | 10.0       |
| 0.855206        | ---            | 17.65          | 46.00        | 28.35       | L1   | 10.0       |
| 0.982069        | 31.17          | ---            | 56.00        | 24.83       | L1   | 10.0       |
| 1.705931        | ---            | 17.20          | 46.00        | 28.80       | L1   | 10.1       |

## EUT Information

EUT Name: DJI Avata 2  
Order Number: 168438670  
Model: QF3W4K  
Test Mode: 2.4G SDR  
Test Voltage: AC 120V, 60Hz  
Test Standard: FCC Part 15.207  
Test By:/Review By: Eric Guo/ Gary Chen  
Tem./Hum./Pressure: 25.0°C/51.2%/101kPa  
Remark: SR2



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.429844        | ---            | 25.09          | 47.26        | 22.16       | N    | 9.8        |
| 0.437306        | ---            | 35.10          | 47.11        | 12.01       | N    | 9.8        |
| 0.437306        | 43.79          | ---            | 57.11        | 13.33       | N    | 9.8        |
| 0.467156        | 43.30          | ---            | 56.56        | 13.26       | N    | 9.8        |
| 0.470888        | ---            | 34.04          | 46.50        | 12.46       | N    | 9.8        |
| 0.500738        | 35.10          | ---            | 56.00        | 20.90       | N    | 9.8        |
| 0.504469        | ---            | 24.72          | 46.00        | 21.28       | N    | 9.8        |
| 0.534319        | ---            | 23.08          | 46.00        | 22.92       | N    | 9.8        |
| 0.534319        | 32.83          | ---            | 56.00        | 23.17       | N    | 9.8        |
| 1.310419        | 31.59          | ---            | 56.00        | 24.41       | N    | 9.8        |
| 1.314150        | ---            | 19.95          | 46.00        | 26.05       | N    | 9.8        |
| 4.340194        | 30.96          | ---            | 56.00        | 25.04       | N    | 9.9        |