

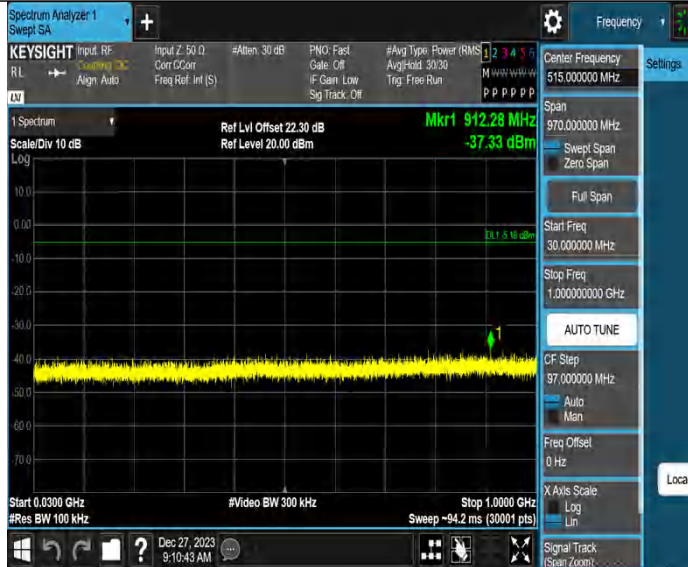
2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [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



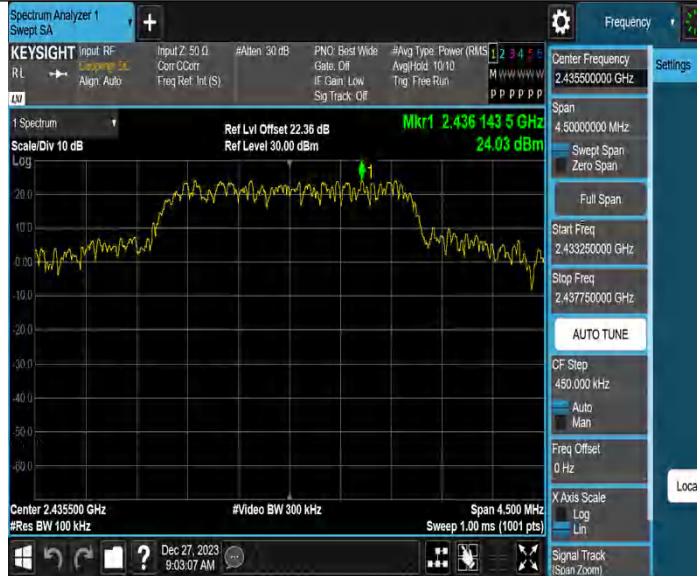
3M Ant3 2405.5 30~1000



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 [MHz]	RefLevel [dBm]	Result [dBm]	Limit [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



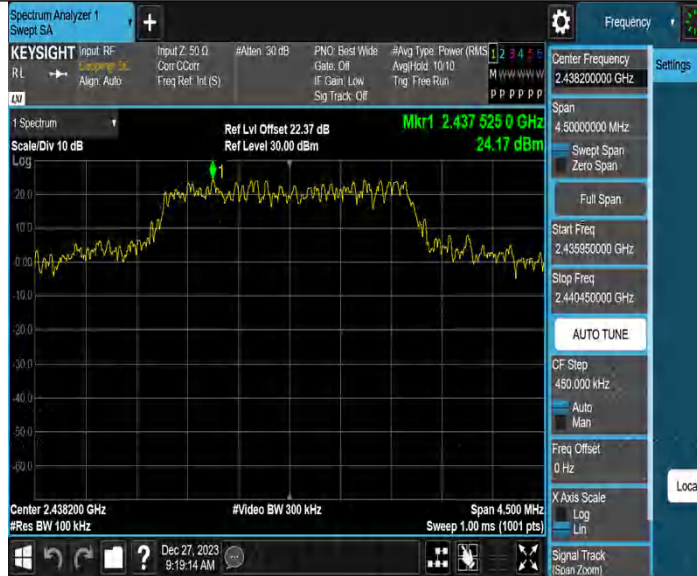
3MCA Ant3 2408.2 30~1000



3MCA Ant3 2408.2 1000~26500



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



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



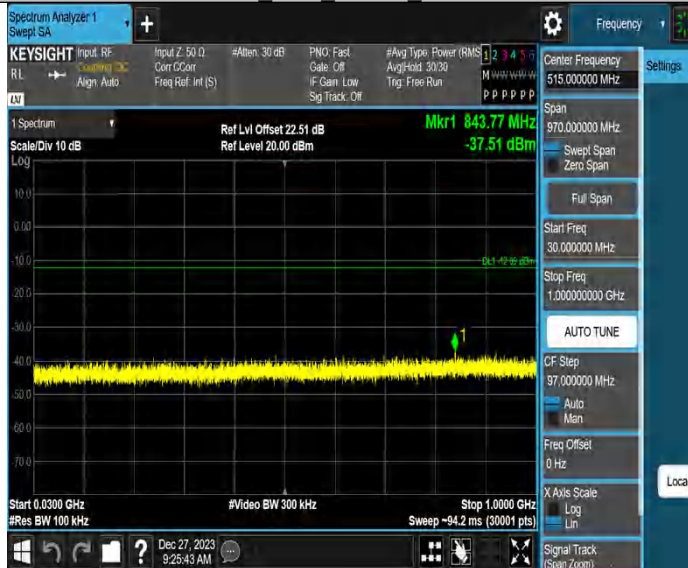
3MCA\_Ant3\_2438.2\_1000~26500



3MCA Ant3 2468.2 0~Reference



3MCA Ant3 2468.2 30~1000



3MCA Ant3 2468.2 1000~26500

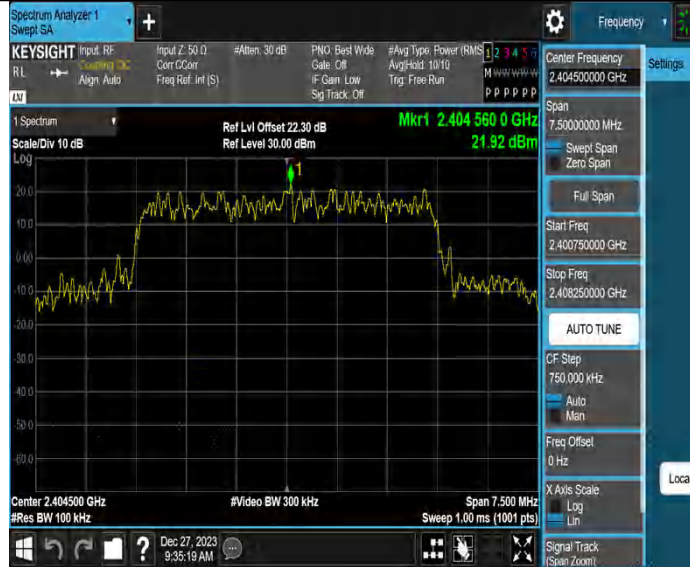




2.4GHz SDR, 5MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [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



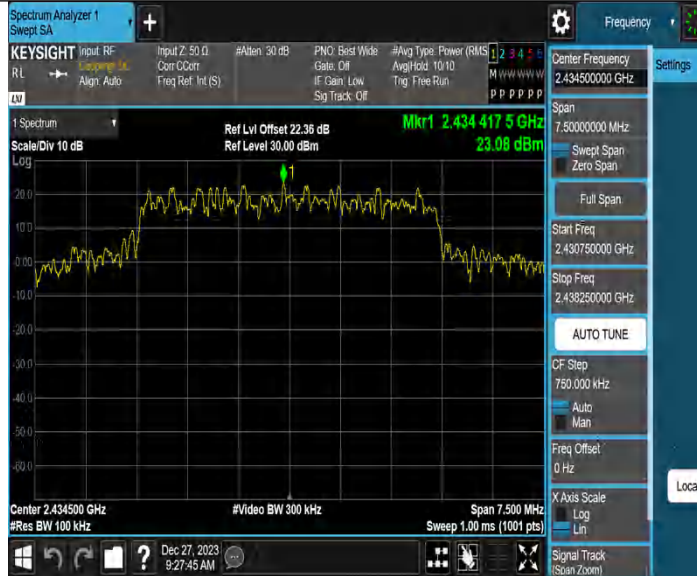
5M Ant3 2404.5 30~1000



5M Ant3 2404.5 1000~26500



5M Ant3 2434.5 0~Reference



5M Ant3 2434.5 30~1000



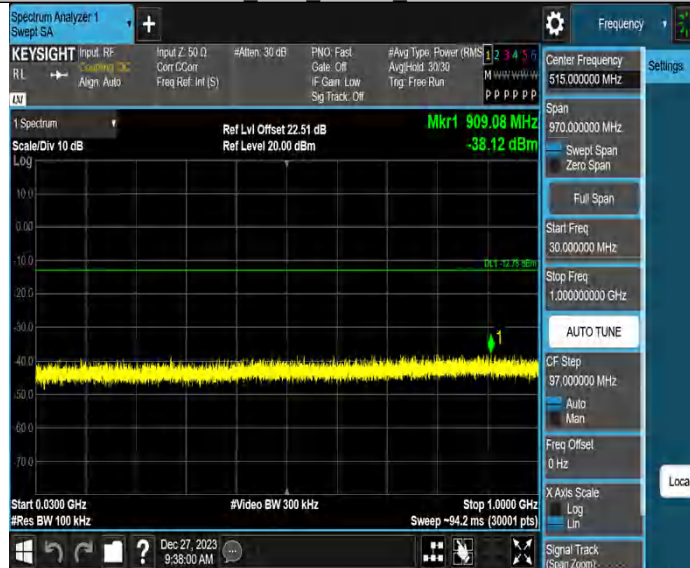
5M Ant3 2434.5 1000~26500



5M Ant3 2469.5 0~Reference



5M Ant3 2469.5 30~1000



5M Ant3 2469.5 1000~26500

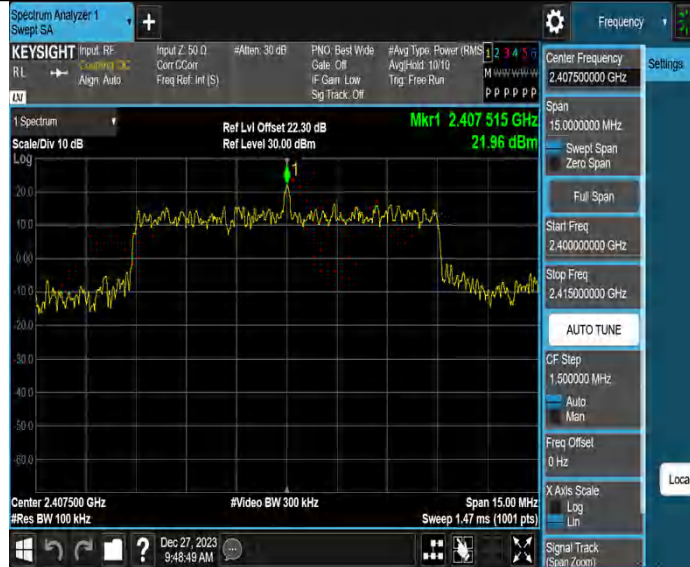




2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [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



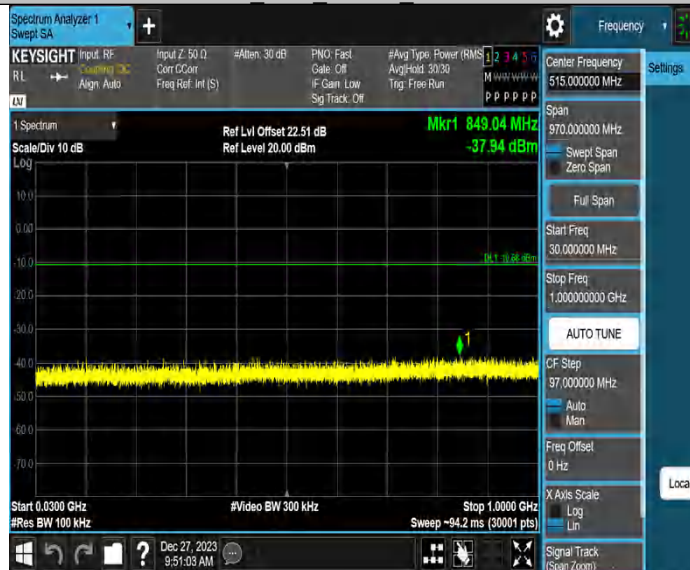
10M Ant3 2437.5 1000~26500



10M Ant3 2467.5 0~Reference



10M Ant3 2467.5 30~1000



10M Ant3 2467.5 1000~26500

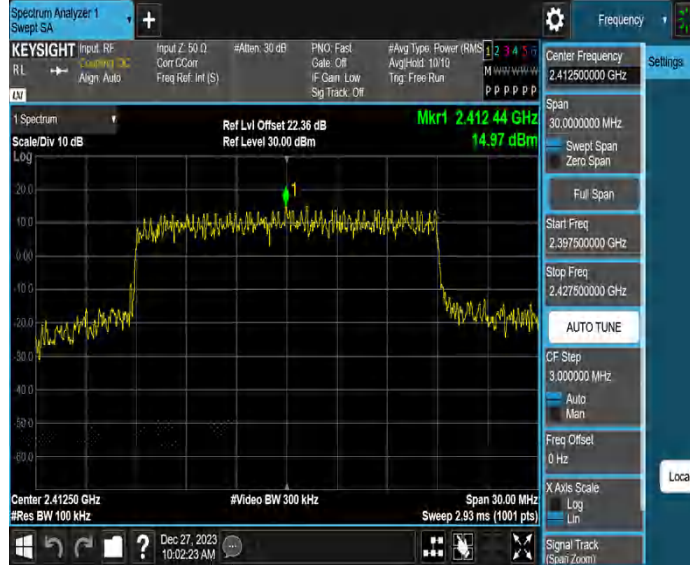




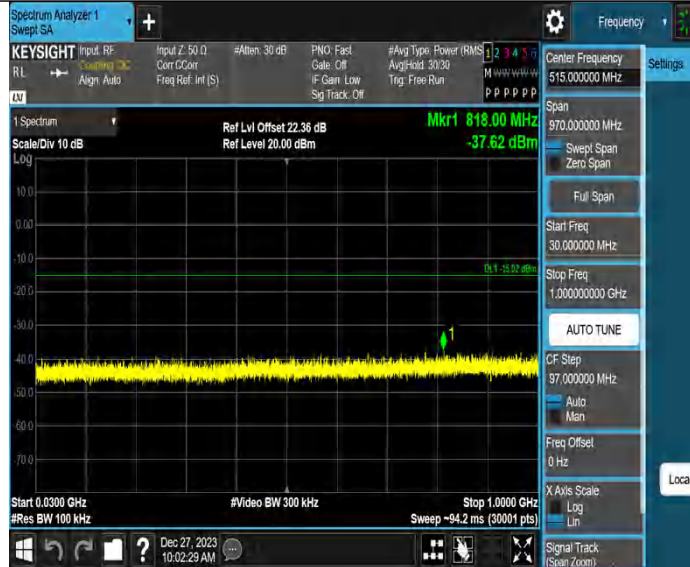
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [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



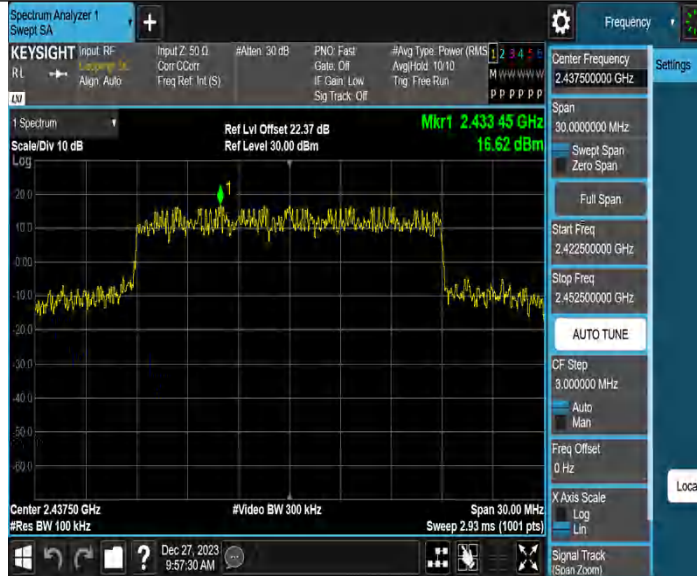
20M Ant3 2412.5 30~1000



20M Ant3 2412.5 1000~26500



20M Ant3 2437.5 0~Reference



20M Ant3 2437.5 30~1000



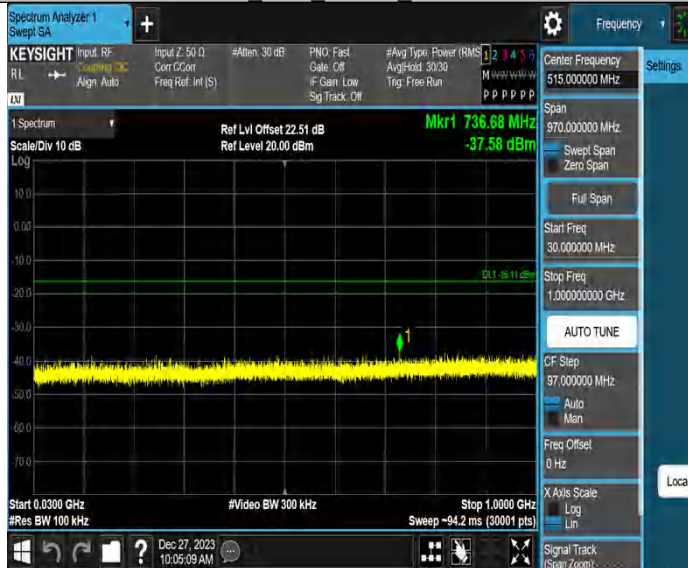
20M Ant3 2437.5 1000~26500



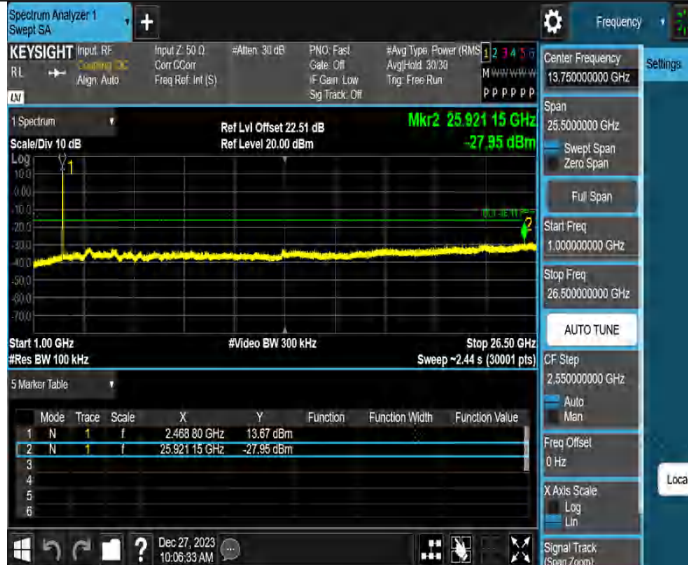
20M Ant3 2462.5 0~Reference



20M Ant3 2462.5 30~1000



20M Ant3 2462.5 1000~26500





2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [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



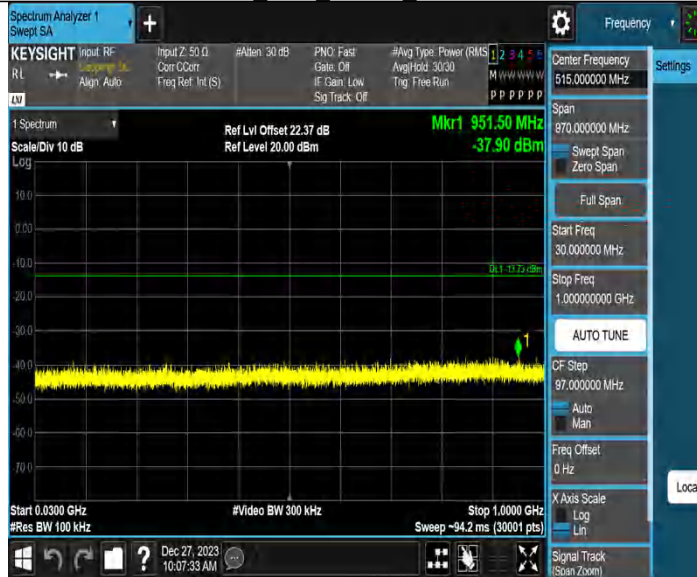
40M Ant3 2422.5 1000~26500



40M Ant3 2437.5 0~Reference



40M Ant3 2437.5 30~1000



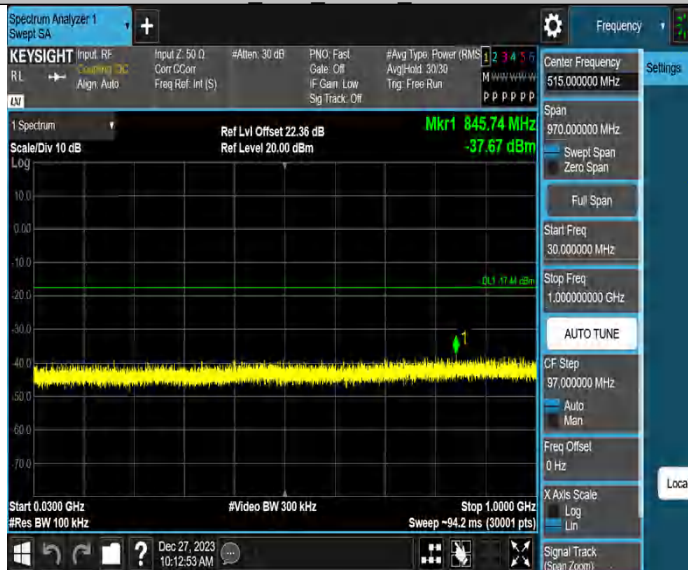
40M Ant3 2437.5 1000~26500



40M Ant3 2452.5 0~Reference



40M Ant3 2452.5 30~1000



40M Ant3 2452.5 1000~26500

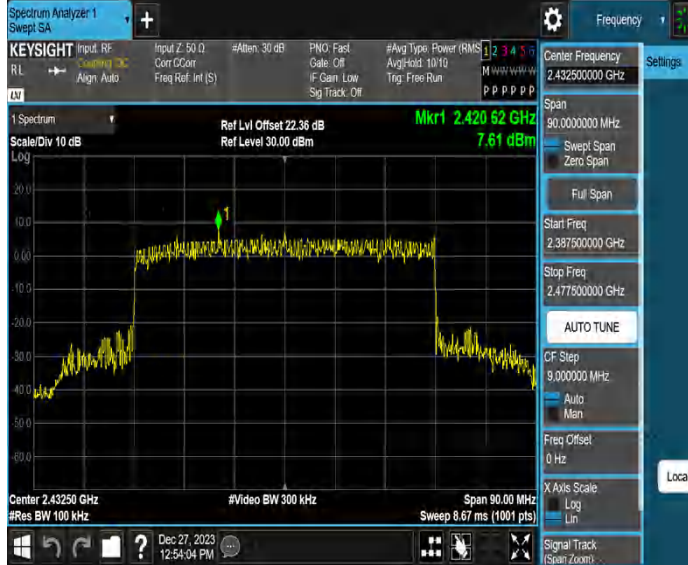




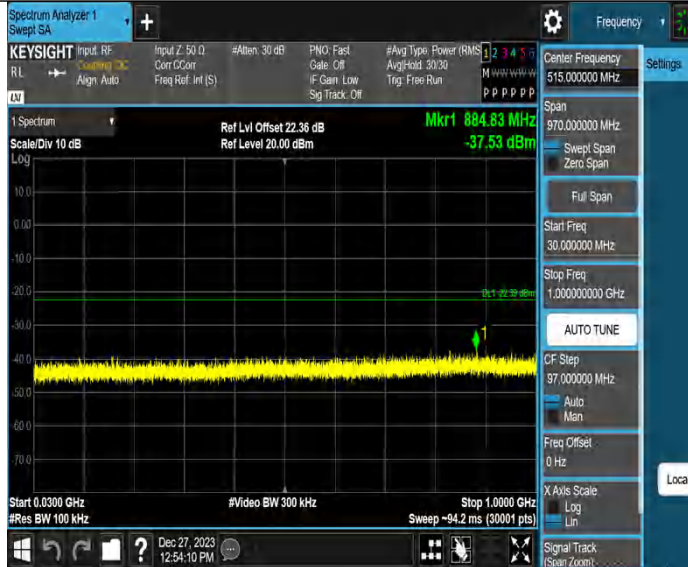
2.4GHz SDR, 60MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [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



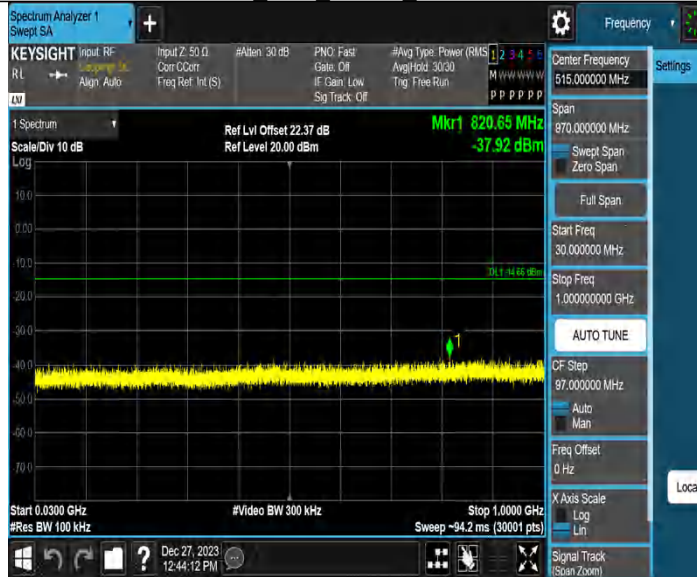
60M Ant3 2432.5 1000~26500



60M Ant3 2437.5 0~Reference



60M Ant3 2437.5 30~1000



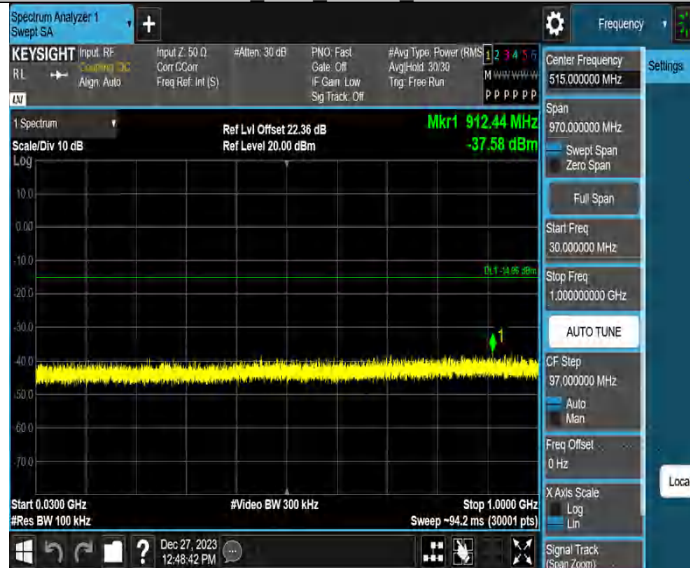
60M Ant3 2437.5 1000~26500



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

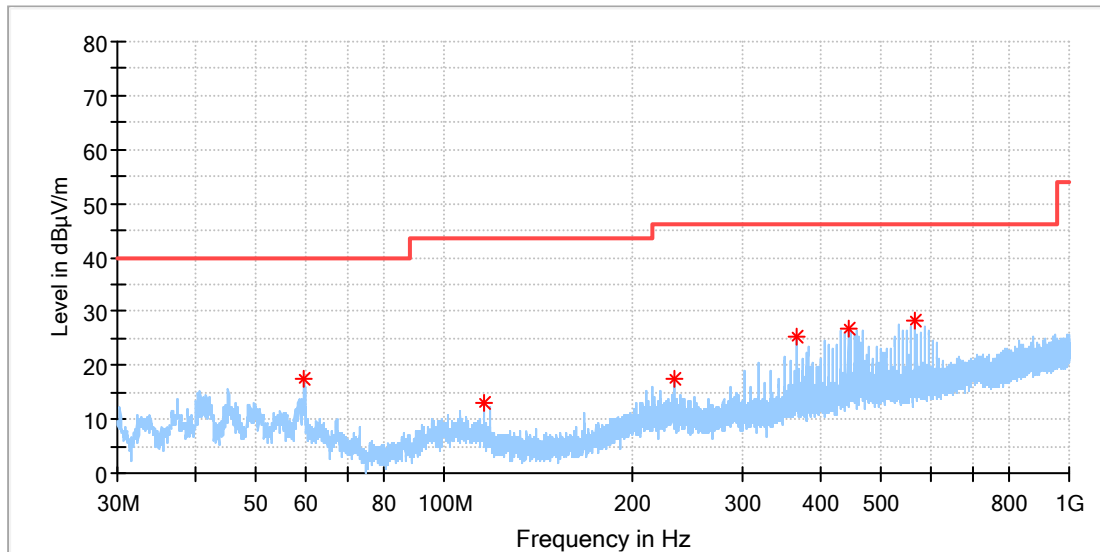
Note:

- 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

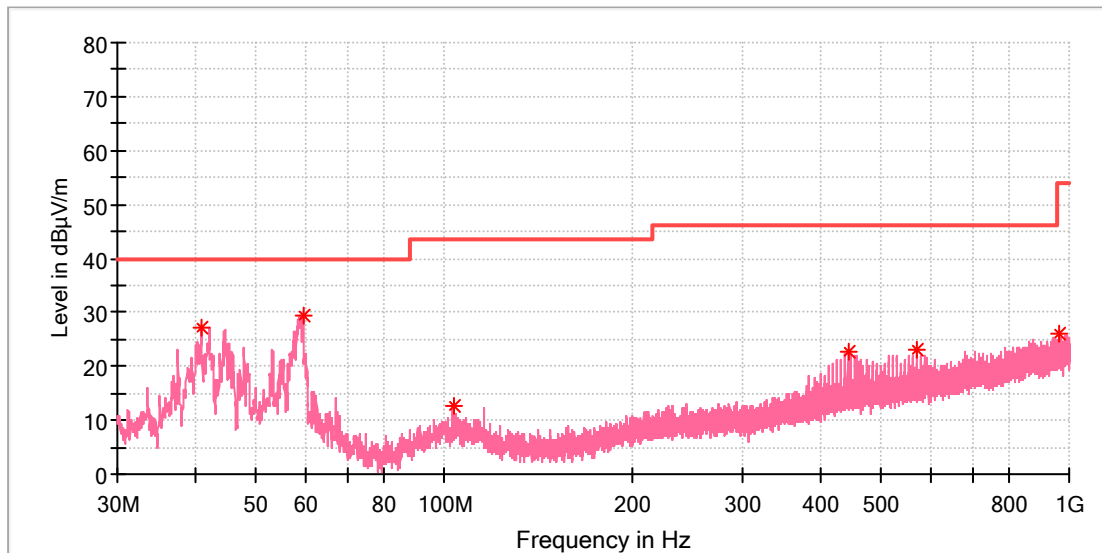


## Critical Freqs

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



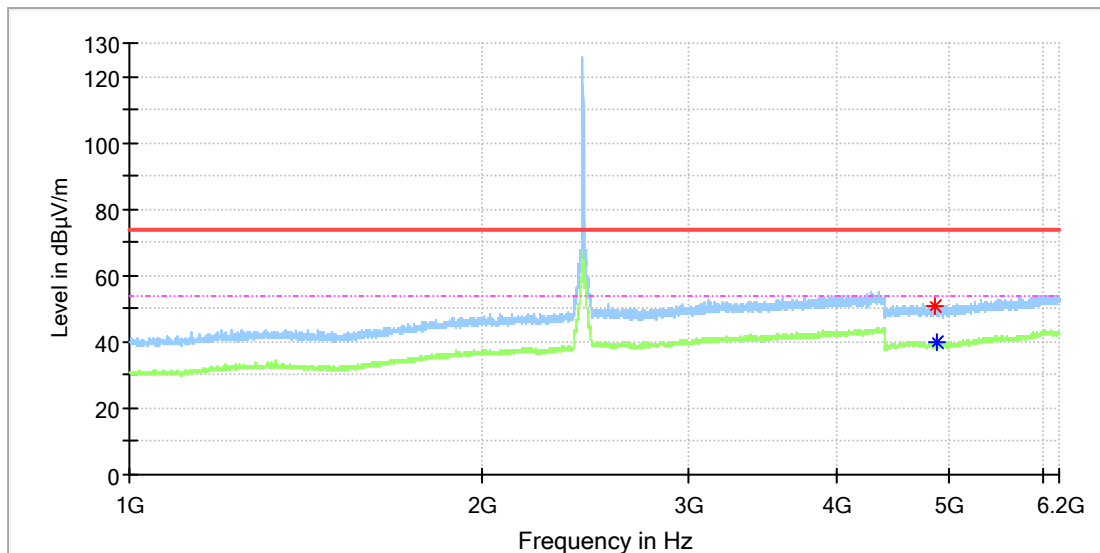
### Critical Freqs

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**

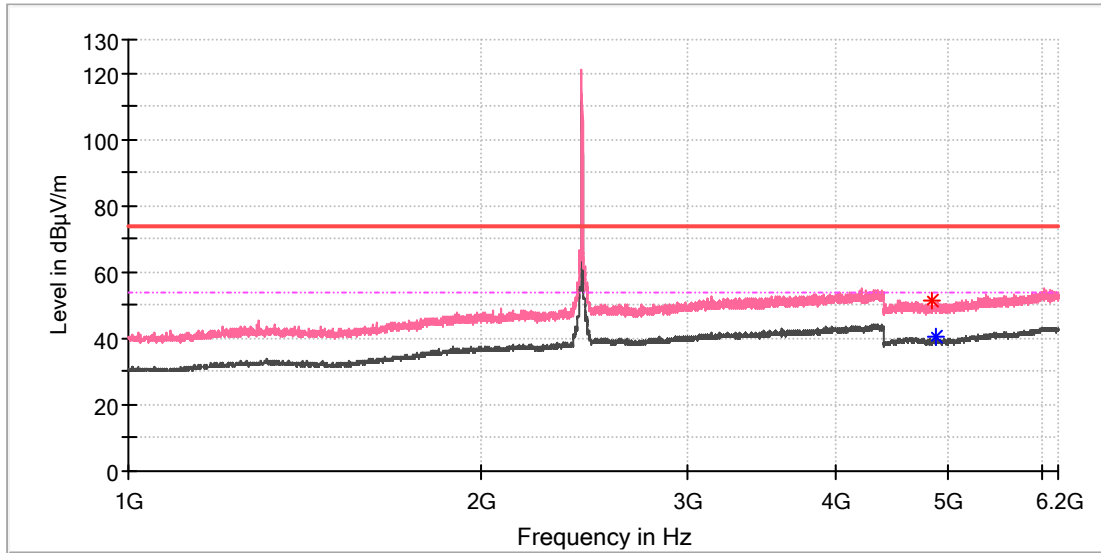
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4864.000000	50.52	---	74.00	23.48	150.0	H	209.0	11.8
4869.000000	---	39.69	54.00	14.31	150.0	H	45.0	11.8

**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

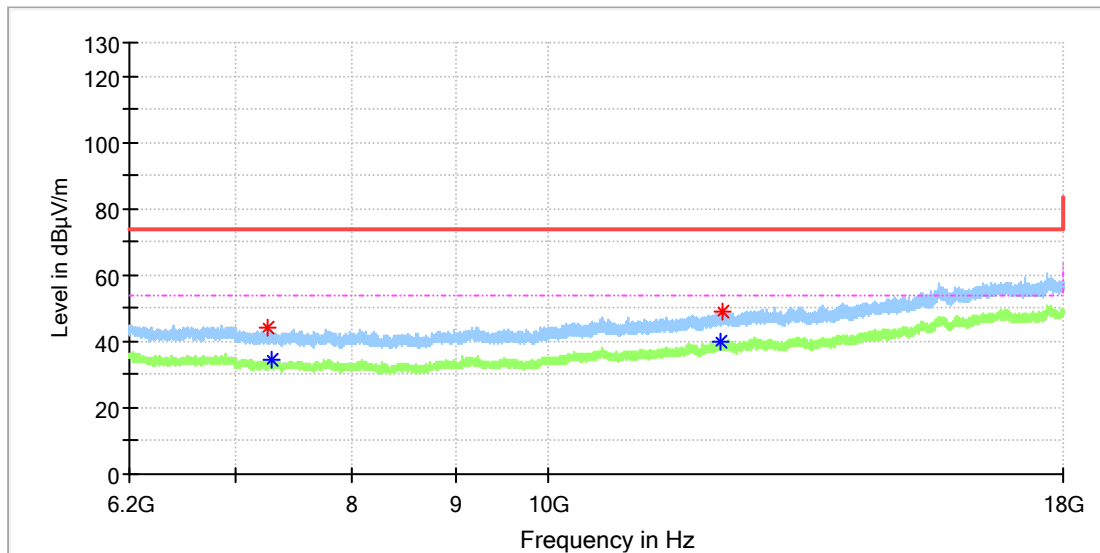
### Final Result

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

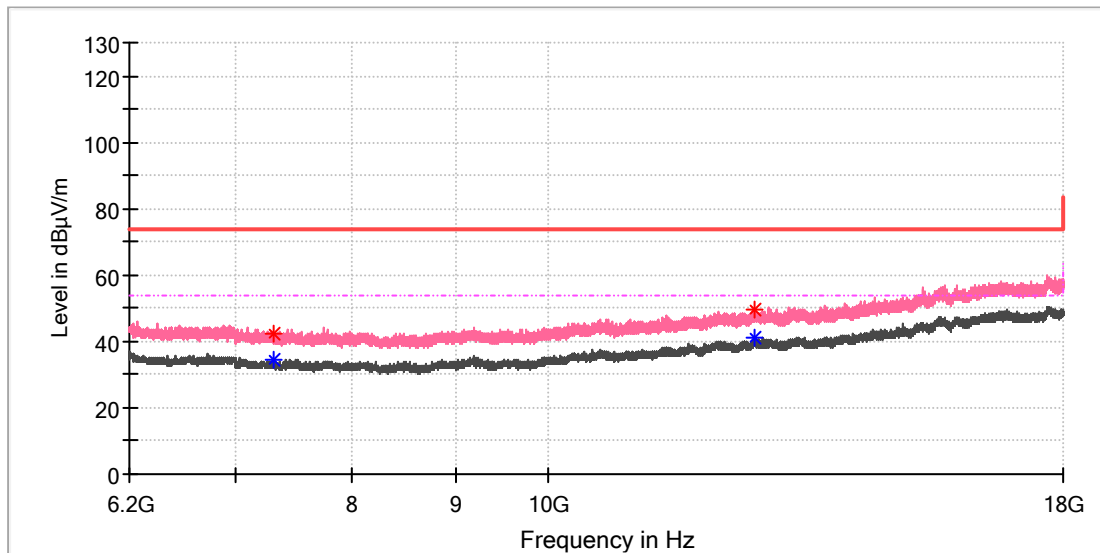
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7254.133333	44.00	---	74.00	30.00	150.0	H	354.0	8.5
7285.600000	---	34.19	54.00	19.81	150.0	H	286.0	8.4
12167.358333	---	39.84	54.00	14.16	150.0	H	0.0	14.5
12212.591667	48.88	---	74.00	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

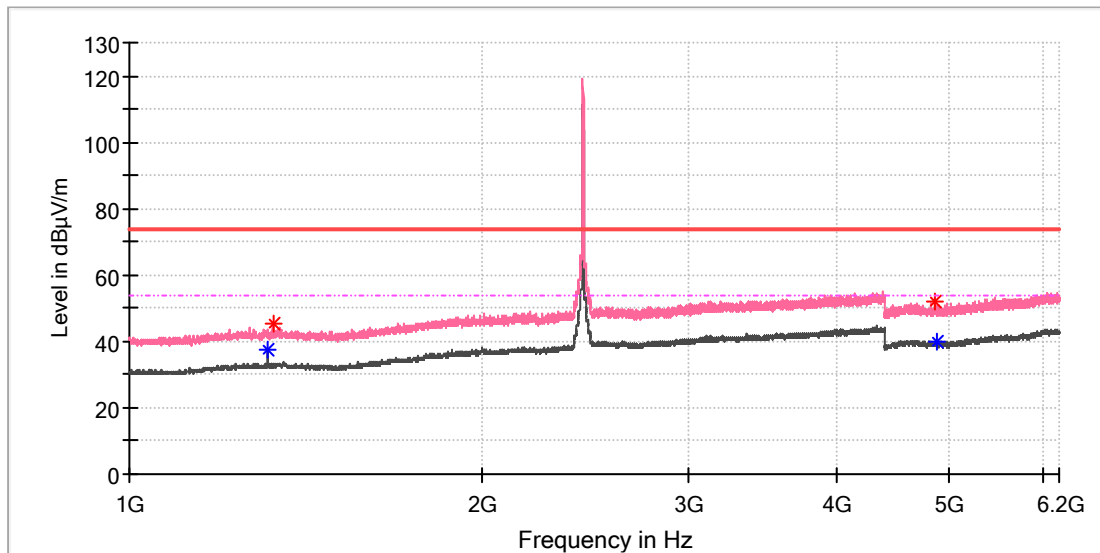
## Final Result

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)
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

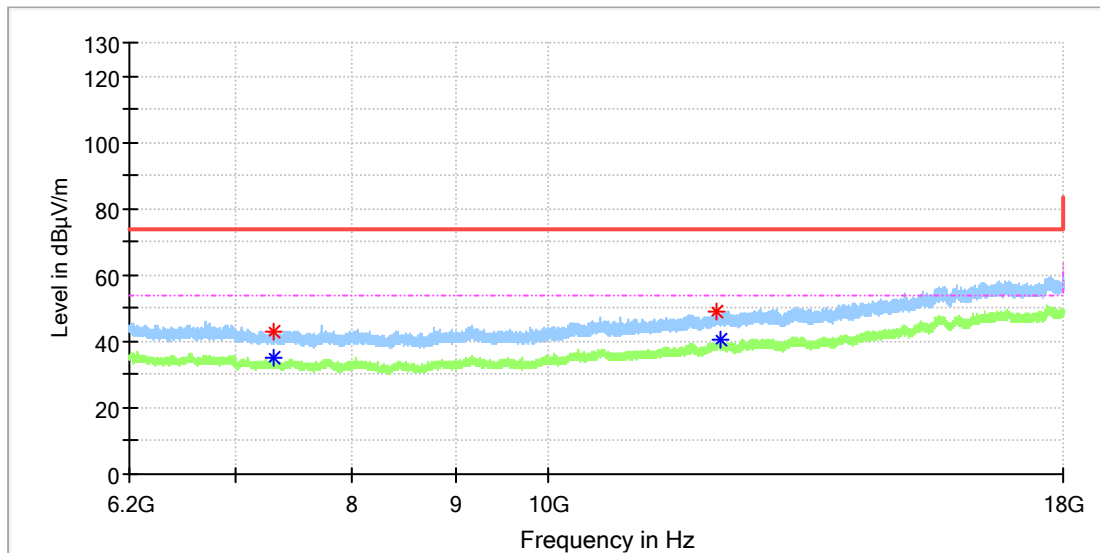
## Final Result

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

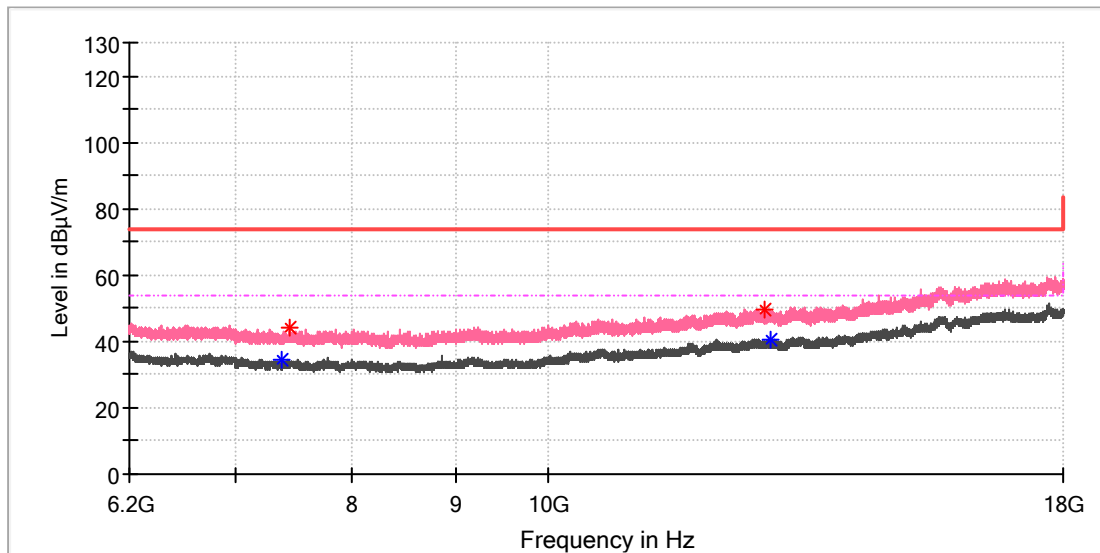
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7312.641667	43.02	---	74.00	30.98	150.0	H	236.0	8.2
7312.641667	---	34.83	54.00	19.17	150.0	H	236.0	8.2
12105.408333	49.10	---	74.00	24.90	150.0	H	111.0	14.2
12182.600000	---	40.34	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

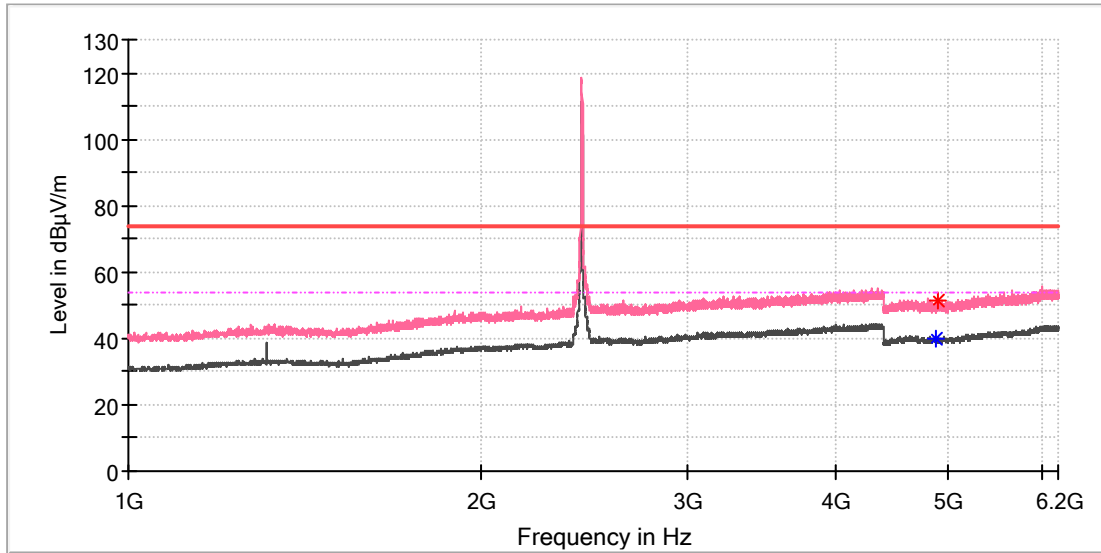
## Final Result

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

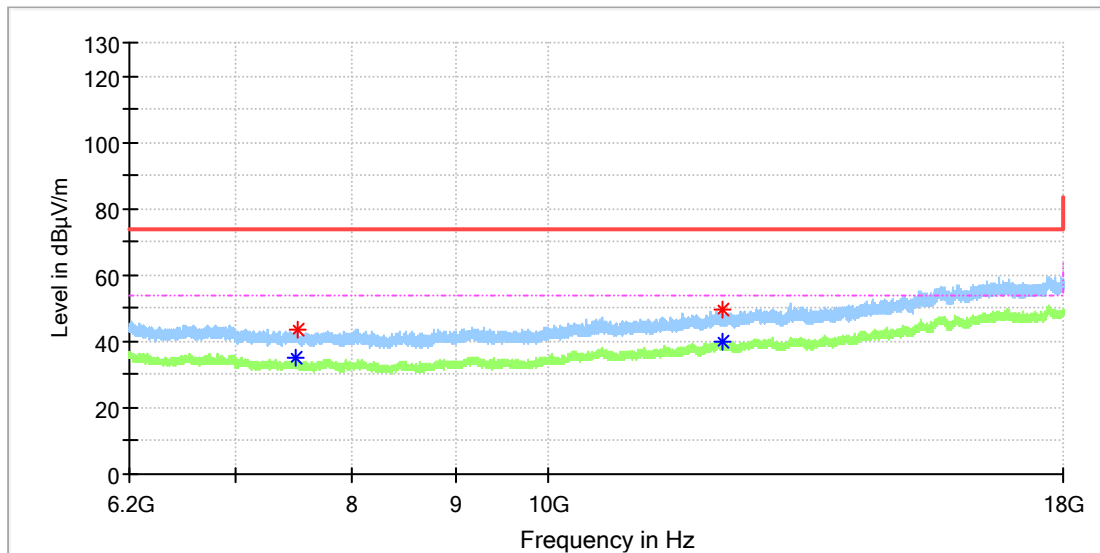
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.500000	---	39.91	54.00	14.09	150.0	V	141.0	11.8
4906.000000	51.26	---	74.00	22.74	150.0	V	271.0	11.8

### 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

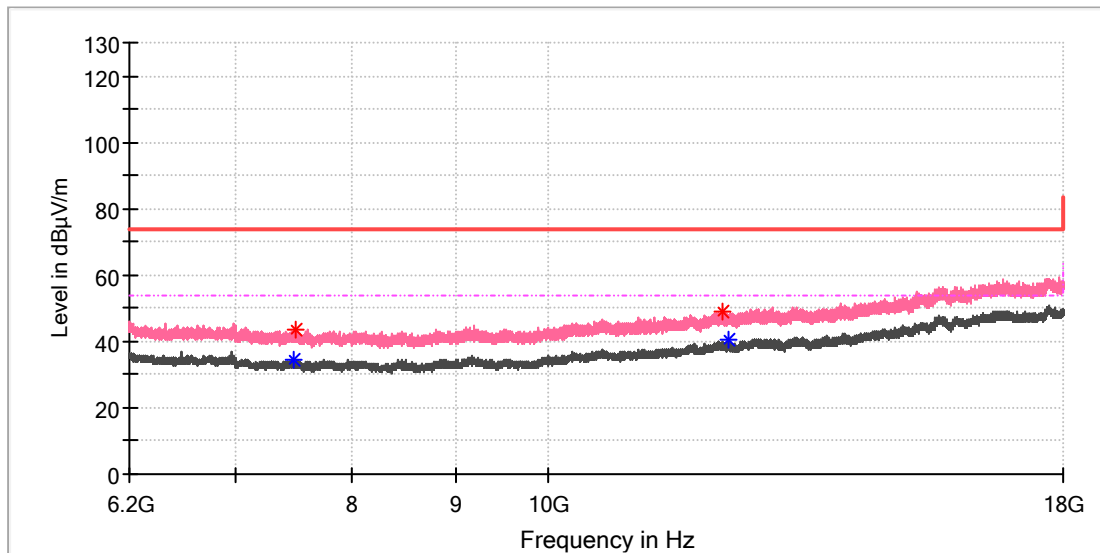
## Final Result

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

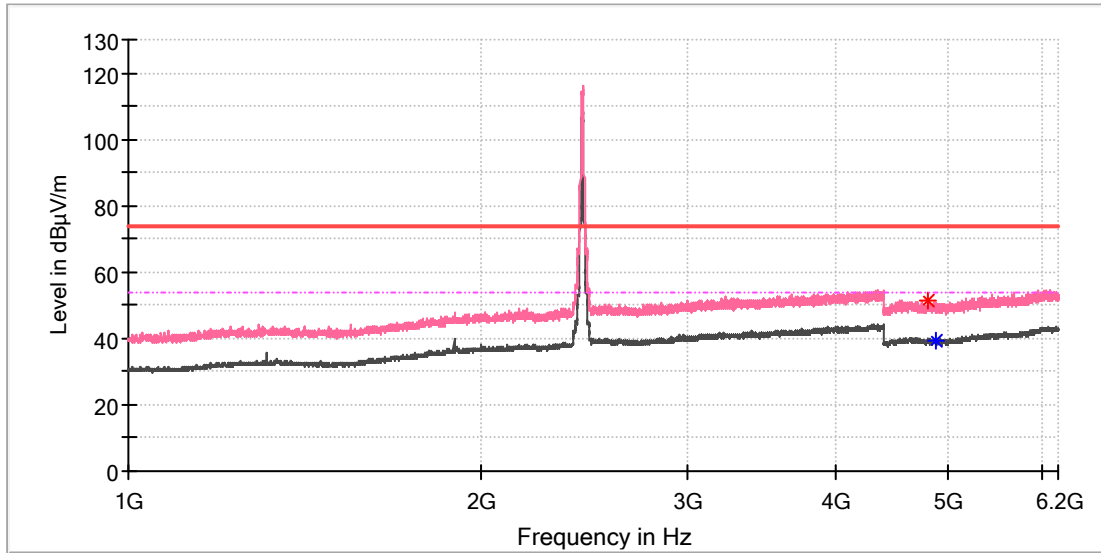
## Final Result

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

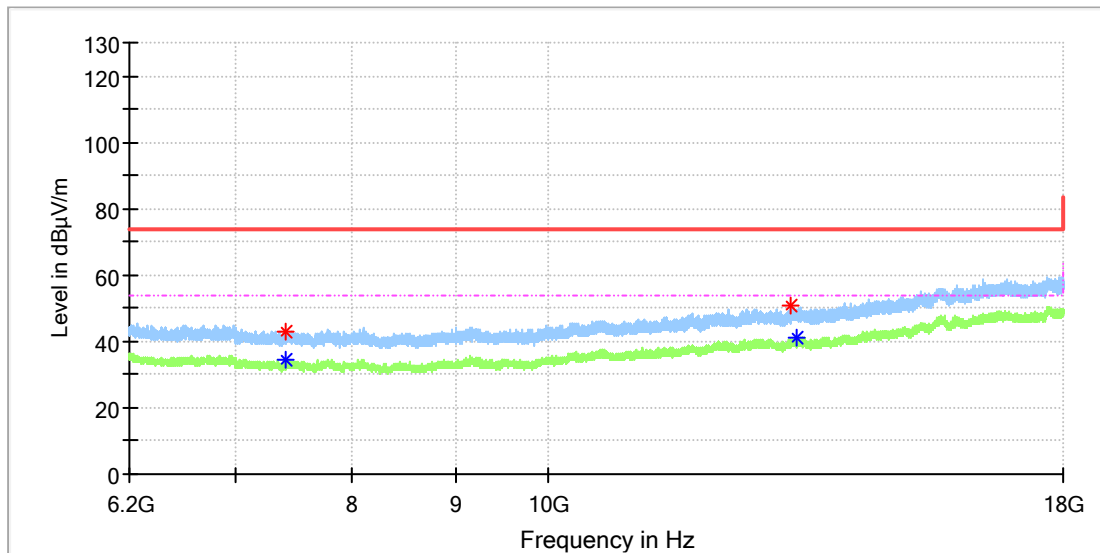
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4811.000000	51.31	---	74.00	22.69	150.0	V	343.0	11.8
4875.500000	---	39.59	54.00	14.41	150.0	V	133.0	11.8

### 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

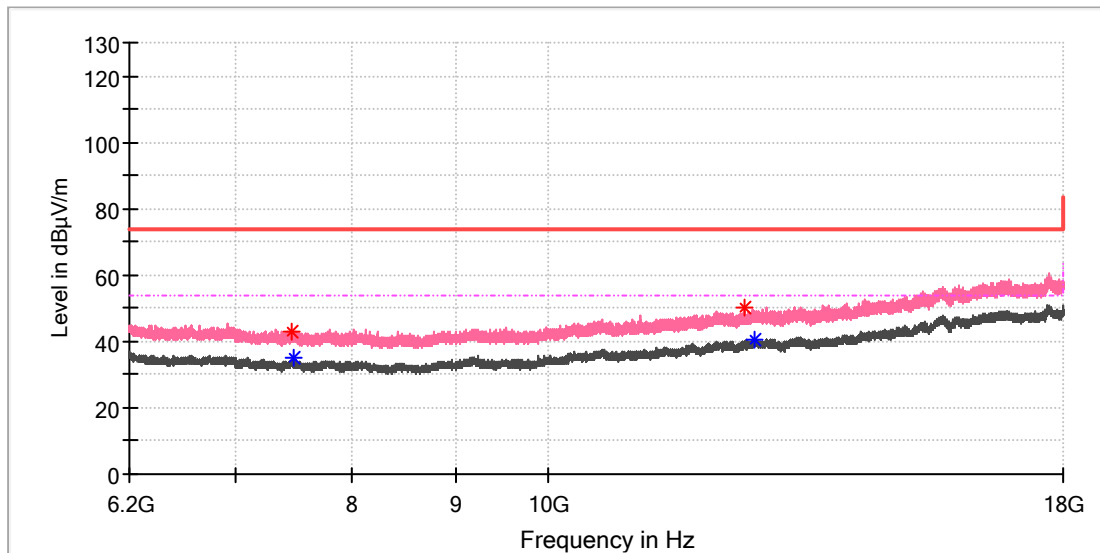
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7416.875000	---	34.55	54.00	19.45	150.0	H	322.0	8.3
7419.333333	42.89	---	74.00	31.11	150.0	H	251.0	8.4
13183.141667	50.76	---	74.00	23.24	150.0	H	0.0	15.4
13278.525000	---	41.35	54.00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

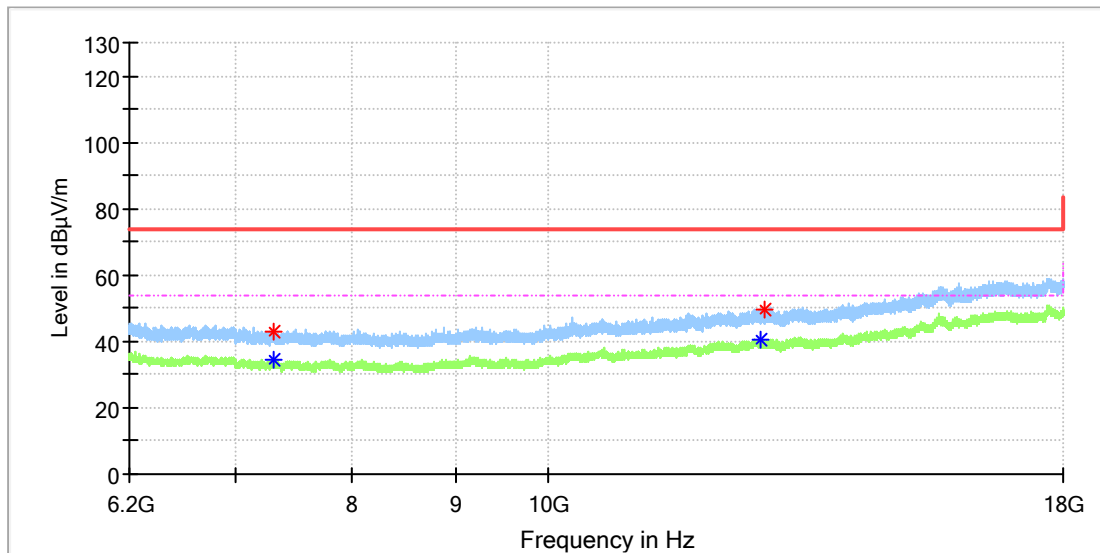






## EUT Information

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

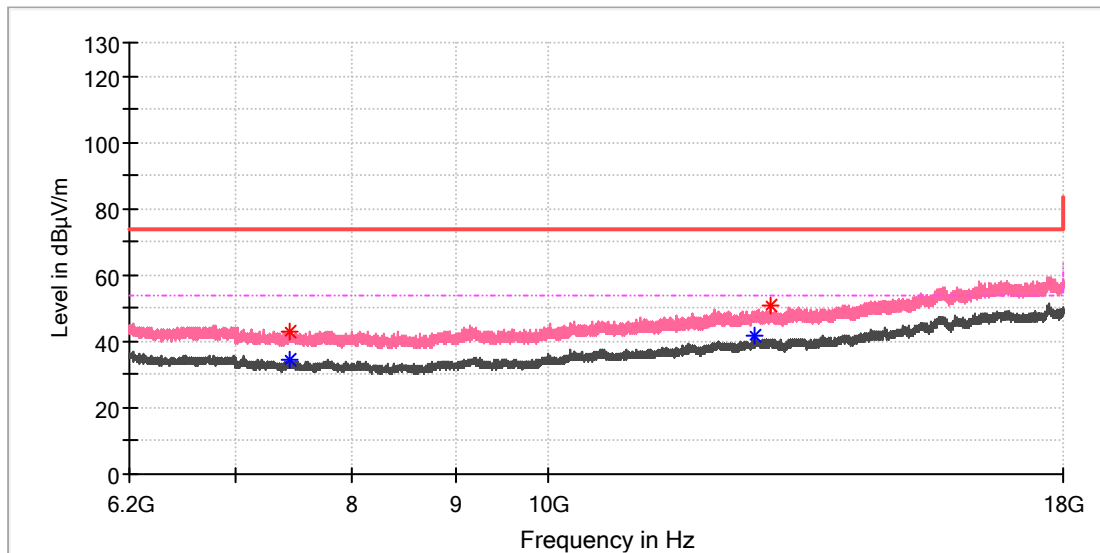
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.183333	---	34.48	54.00	19.52	150.0	H	286.0	8.2
7312.150000	42.82	---	74.00	31.18	150.0	H	58.0	8.2
12753.916667	---	40.43	54.00	13.57	150.0	H	207.0	15.2
12797.675000	49.58	---	74.00	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

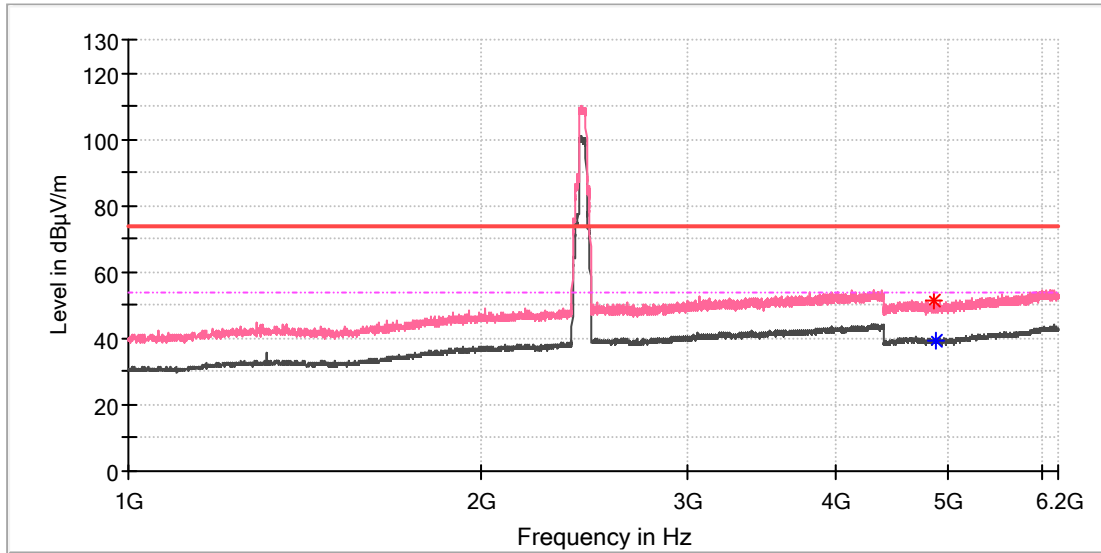
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





### 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

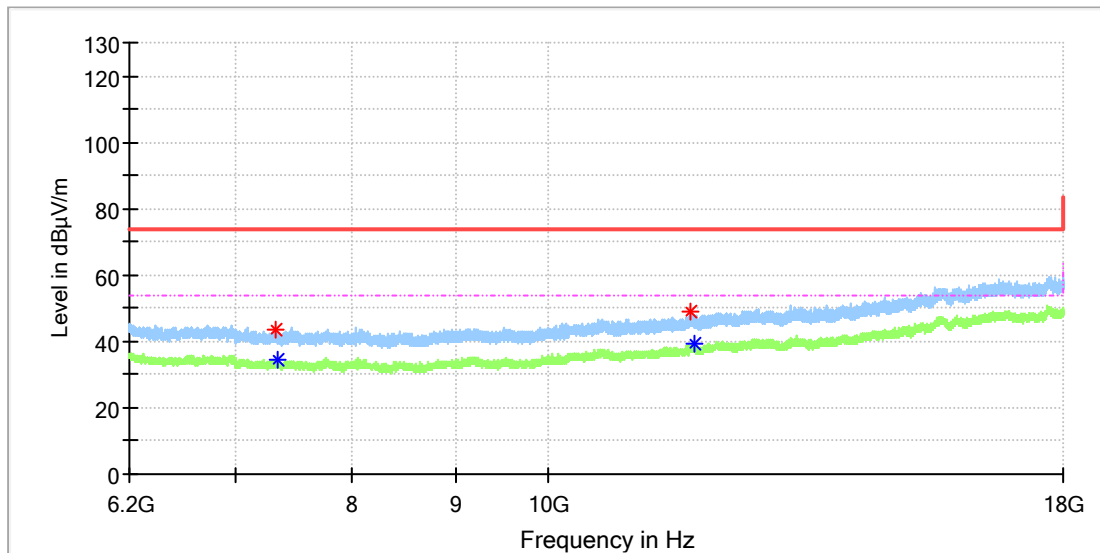
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4868.000000	51.13	---	74.00	22.87	150.0	V	73.0	11.8
4872.500000	---	39.43	54.00	14.57	150.0	V	290.0	11.8

### 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

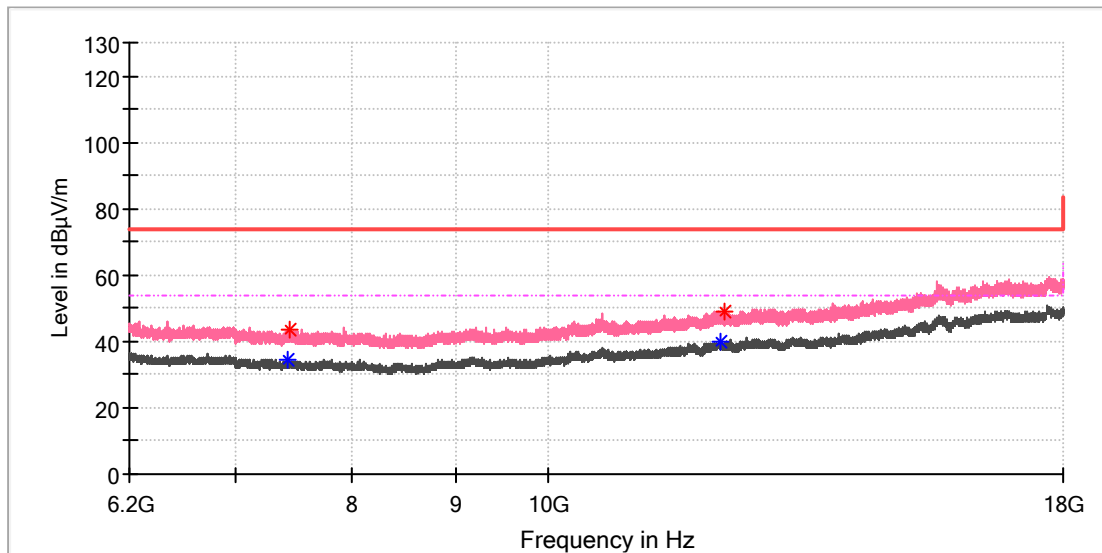
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7331.816667	43.65	---	74.00	30.35	150.0	H	148.0	8.1
7335.750000	---	34.60	54.00	19.40	150.0	H	137.0	8.1
11773.533333	48.73	---	74.00	25.27	150.0	H	75.0	13.4
11817.783333	---	39.11	54.00	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)
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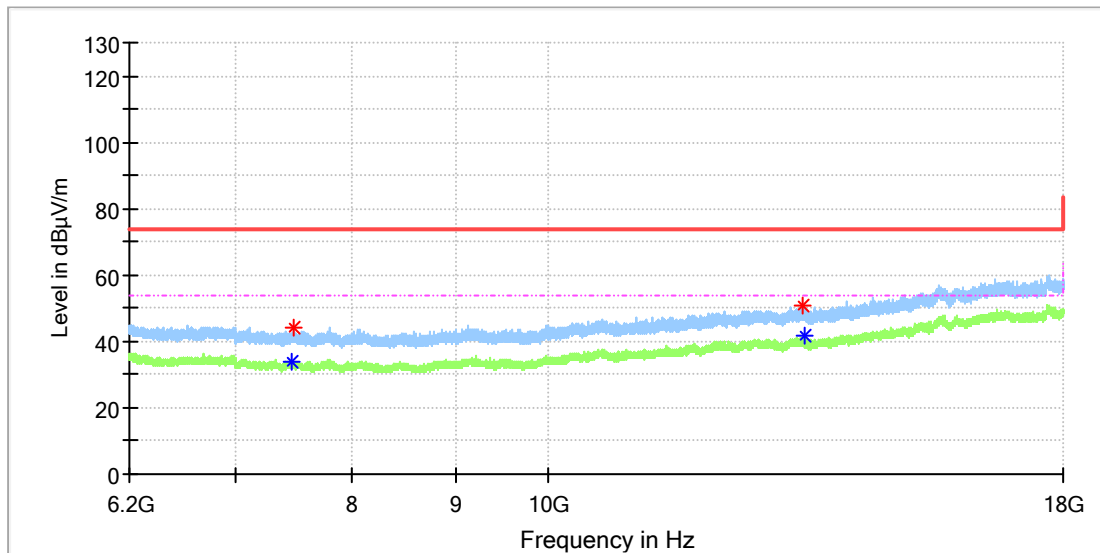






## EUT Information

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

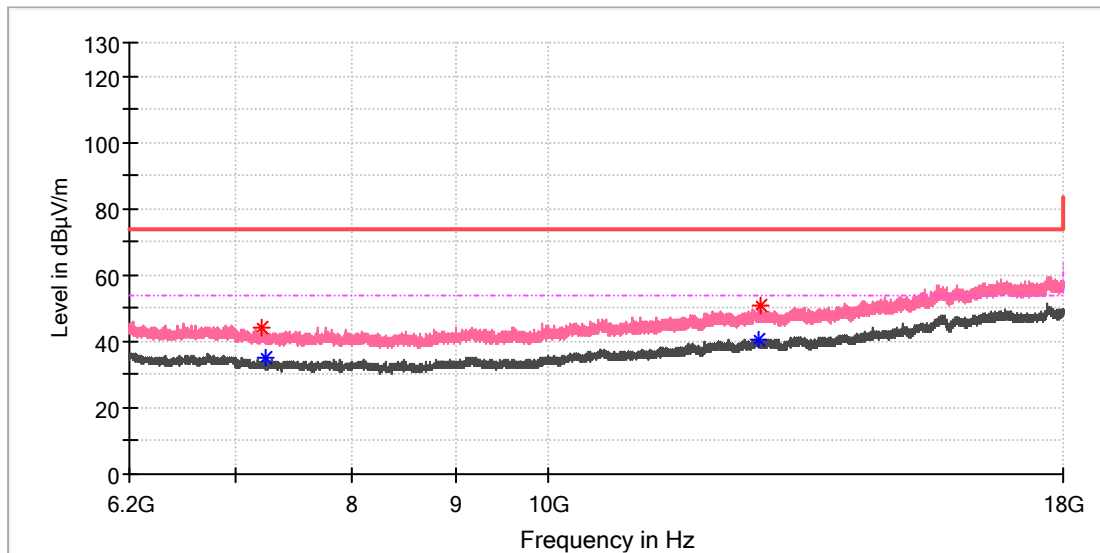
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7468.008333	---	34.04	54.00	19.96	150.0	H	156.0	8.6
7486.691667	43.91	---	74.00	30.09	150.0	H	301.0	8.7
13382.758333	50.59	---	74.00	23.41	150.0	H	0.0	15.5
13387.183333	---	41.60	54.00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

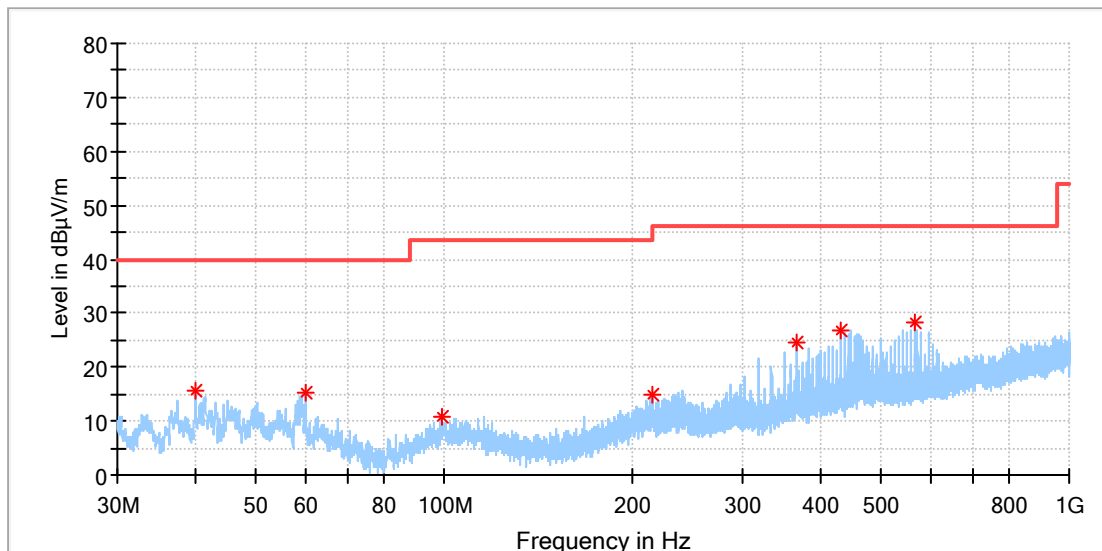
## Final Result

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

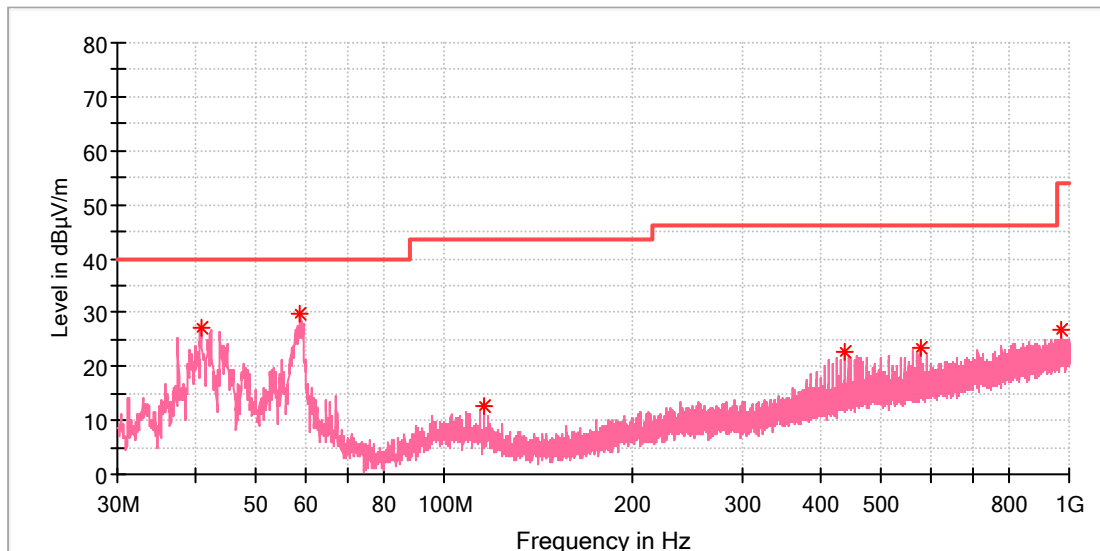
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
39.998462	15.49	40.00	24.51	100.0	H	187.0	-20.4
60.070000	15.12	40.00	24.88	100.0	H	95.0	-19.3
98.832692	10.71	43.50	32.79	100.0	H	78.0	-19.5
216.016154	14.95	46.00	31.05	100.0	H	14.0	-19.0
365.843846	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)
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## 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

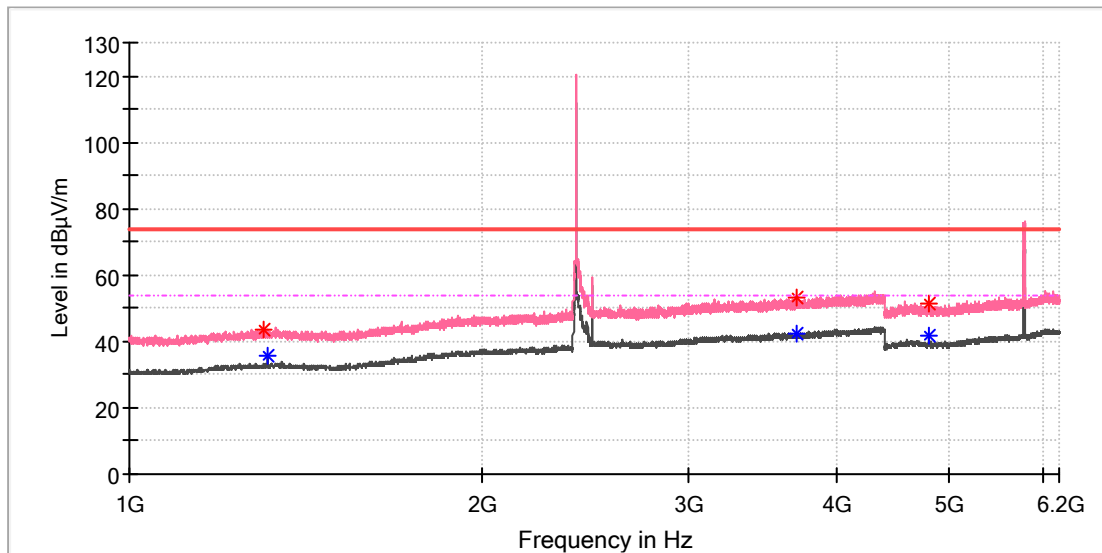
## Final Result

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



### 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

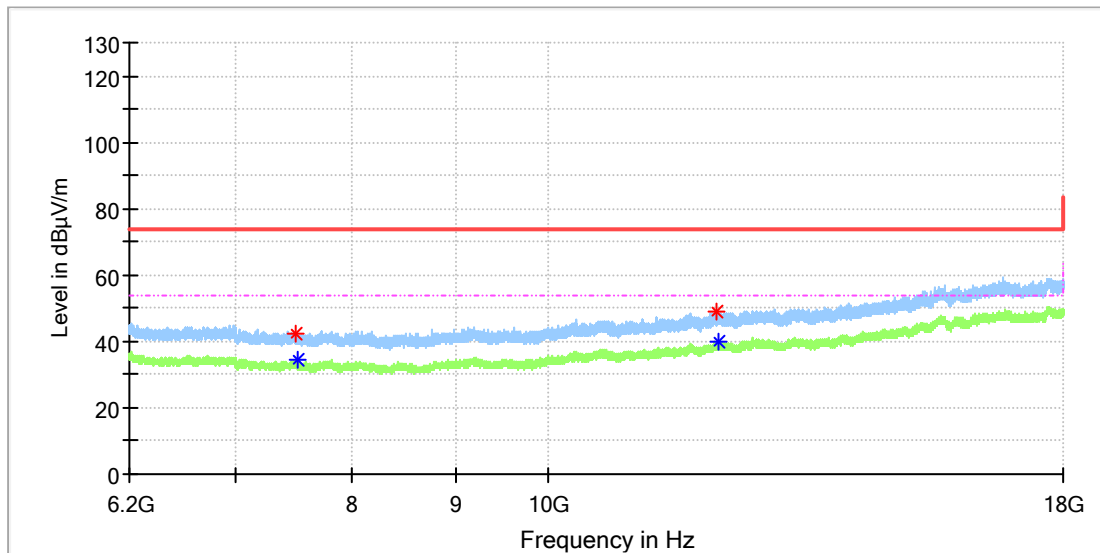
### Final Result

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

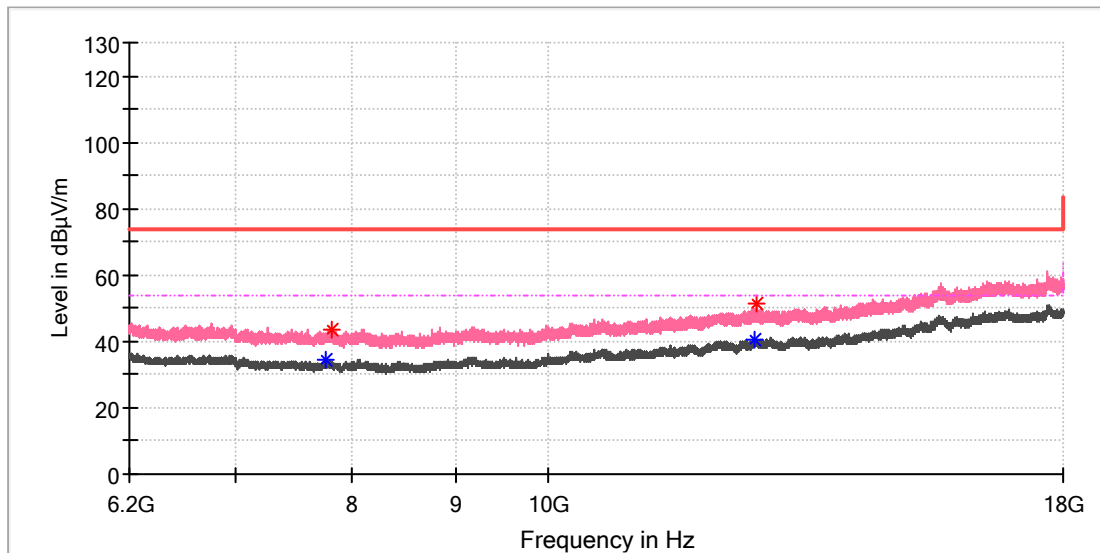
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7491.116667	42.57	---	74.00	31.43	150.0	H	72.0	8.7
7506.850000	---	34.50	54.00	19.50	150.0	H	192.0	8.7
12121.633333	48.80	---	74.00	25.20	150.0	H	0.0	14.3
12142.775000	---	39.89	54.00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

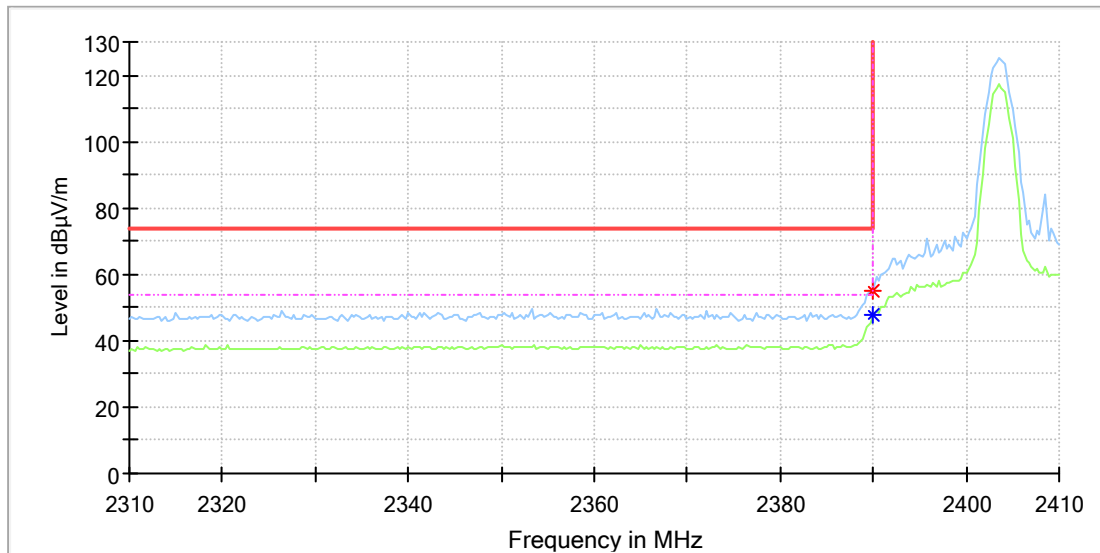
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

## 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)
---	---	---	---	---		---	---



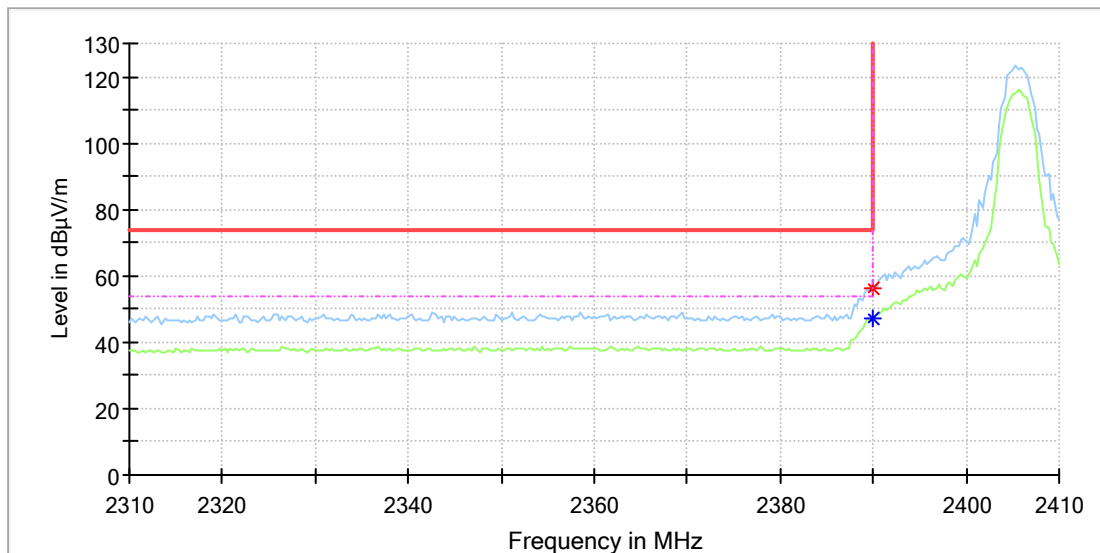






**2.4GHz SDR, 3MHz BW**
**EUT Information**

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)
---	---	---	---	---		---	---



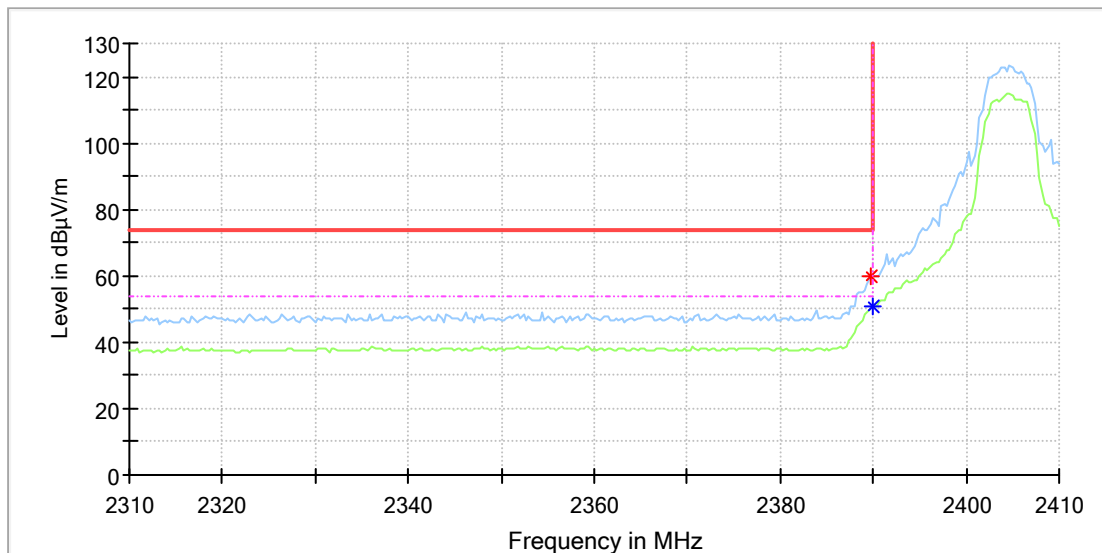




**2.4GHz SDR, 5MHz BW**

**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)
---	---	---	---	---		---	---







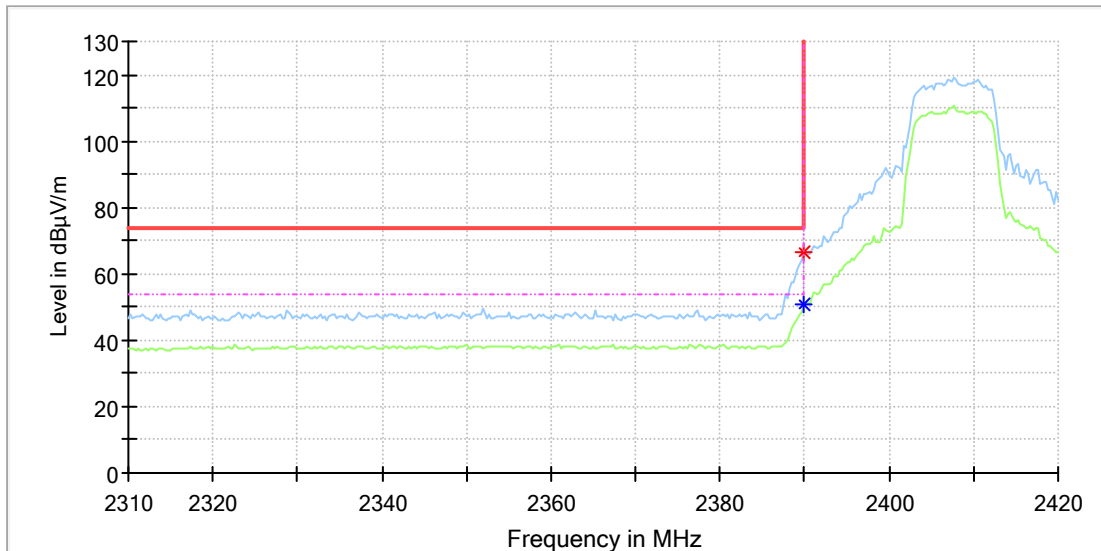




**2.4GHz SDR, 10MHz BW**

**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)
---	---	---	---	---		---	---





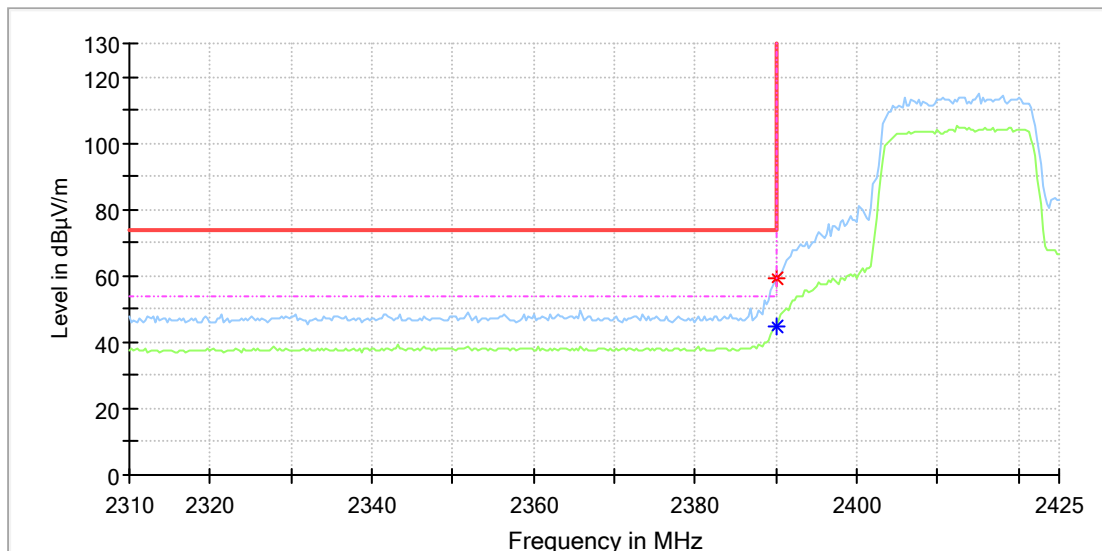




2.4GHz SDR, 20MHz BW

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)
---	---	---	---	---		---	---





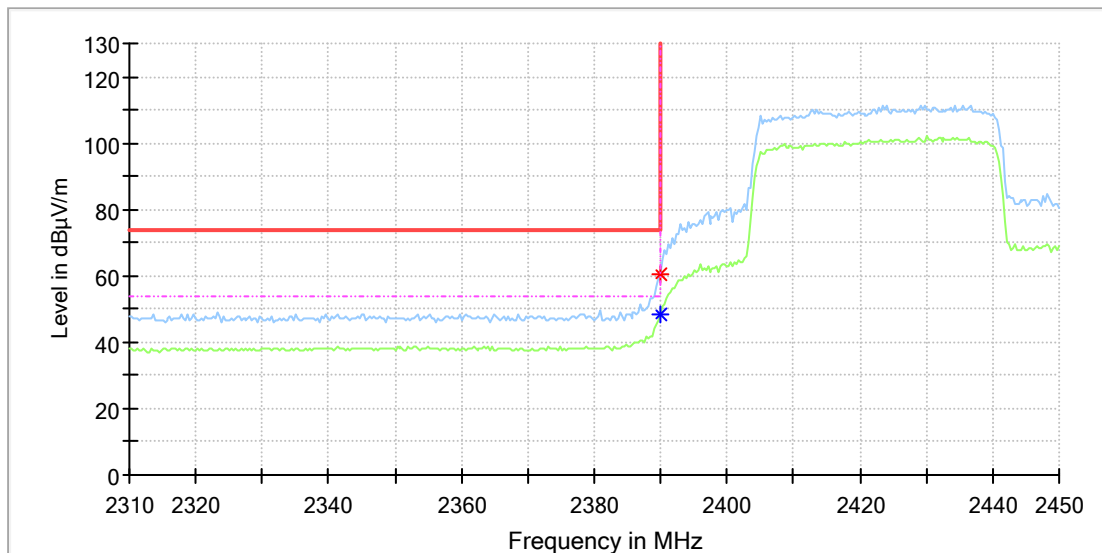




**2.4GHz SDR, 40MHz BW**

**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

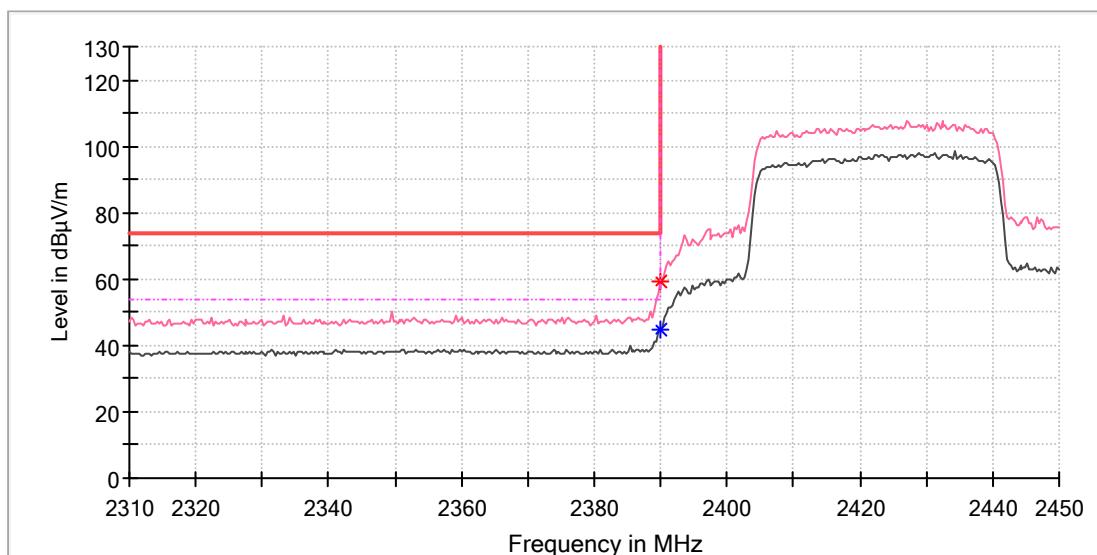
**Final Result**

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

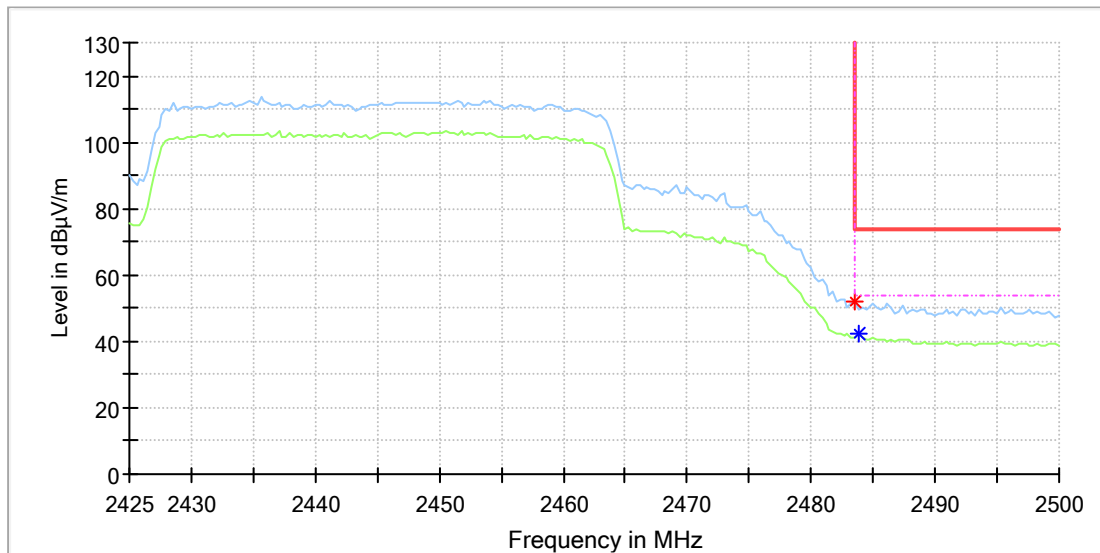
### Final Result

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_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

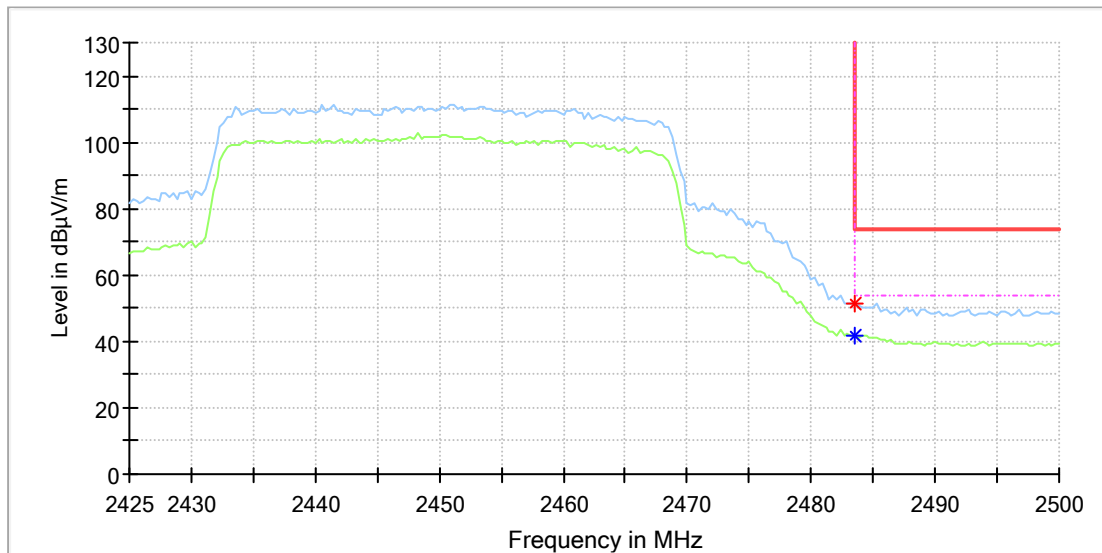
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	52.25	---	74.00	21.75	150.0	H	155.0	7.4
2483.823529	---	42.05	54.00	11.95	150.0	H	169.0	7.4

## 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)
---	---	---	---	---		---	---

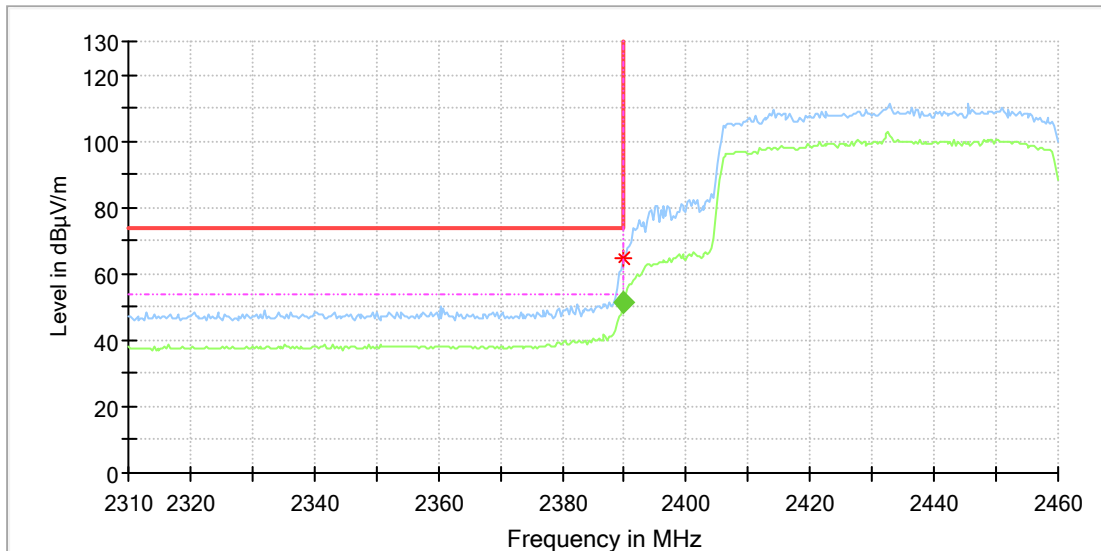




**2.4GHz SDR, 60MHz BW**

**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





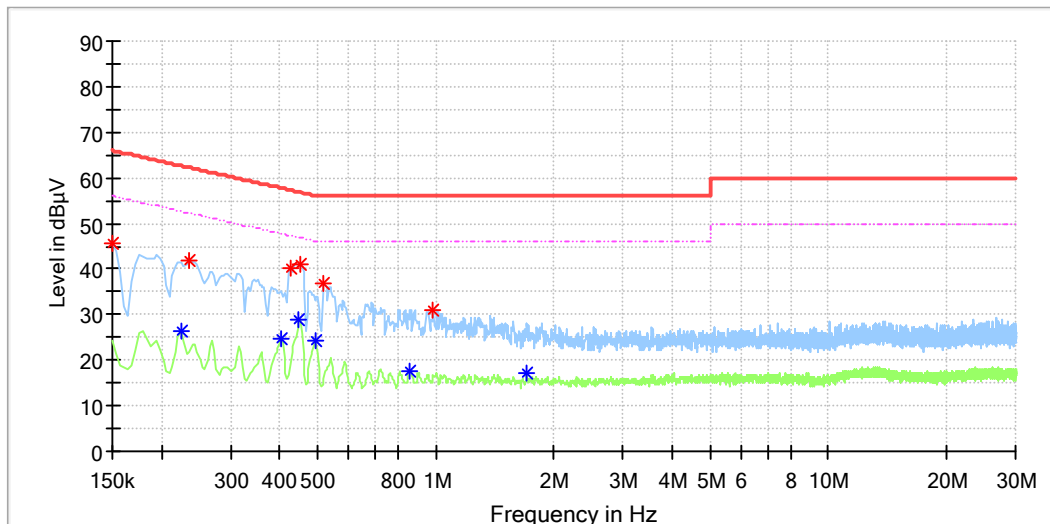




## Appendix B.7: Test Results of Conducted Emission on AC Mains

### 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

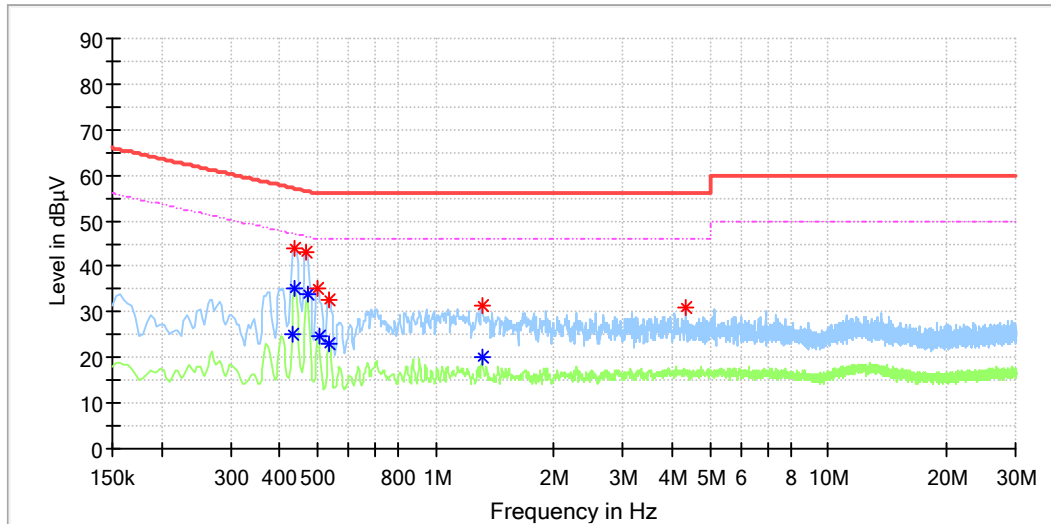


### Critical Freqs

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