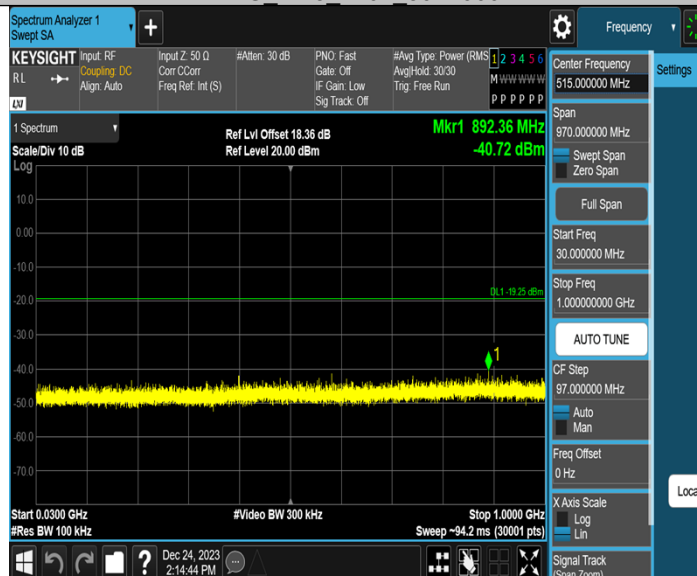


11G_Ant3_2462_0~Reference



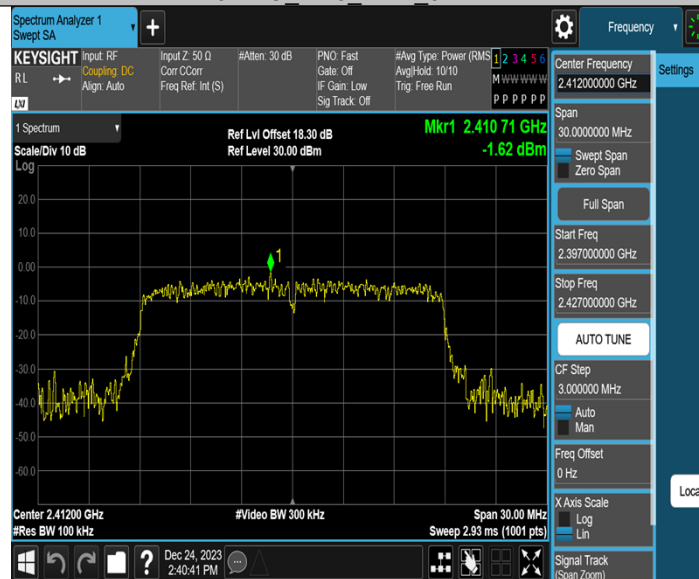
11G_Ant3_2462_30~1000



11G_Ant3_2462_1000~26500



11N20SISO_Ant3_2412_0~Reference

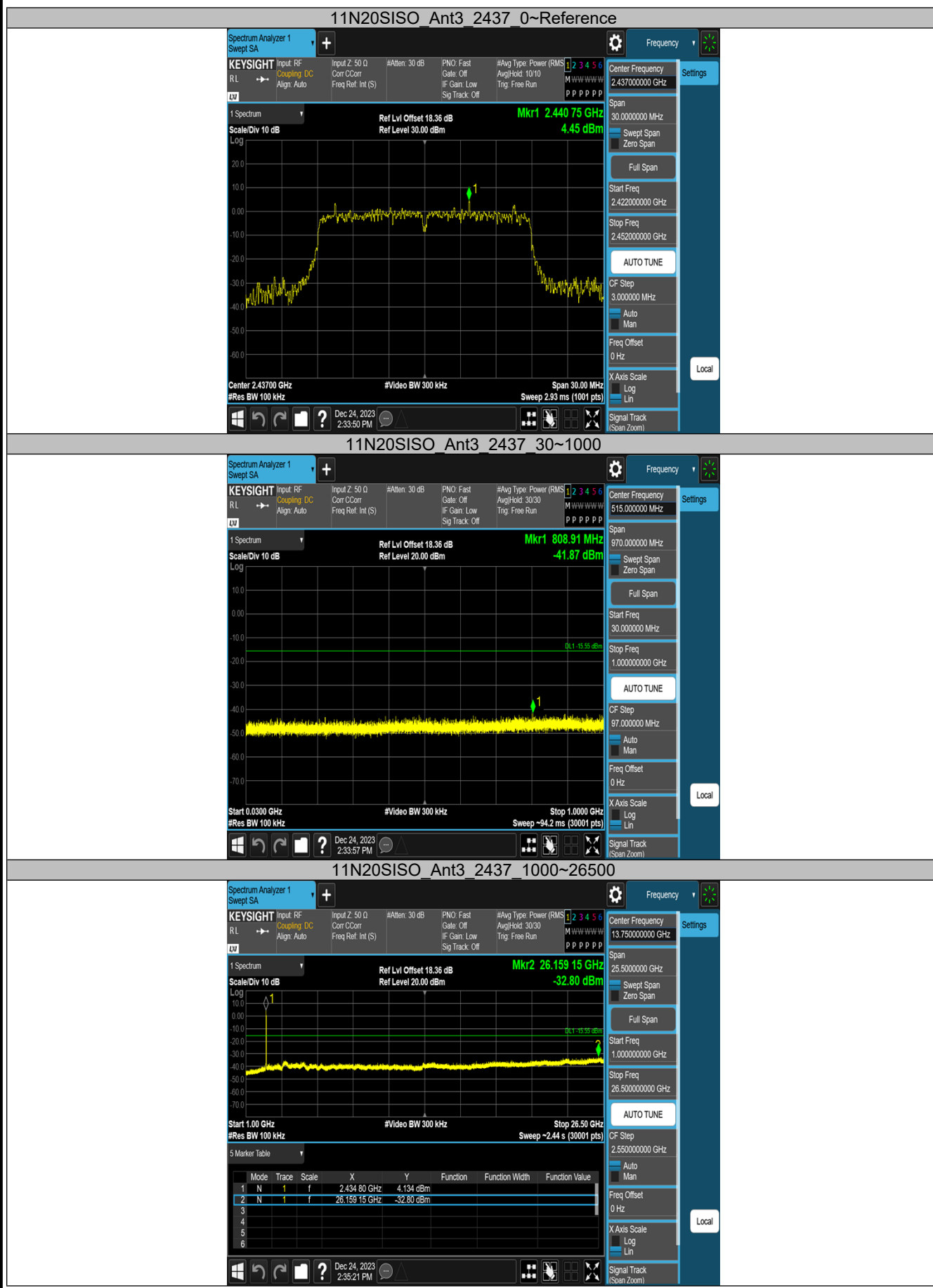


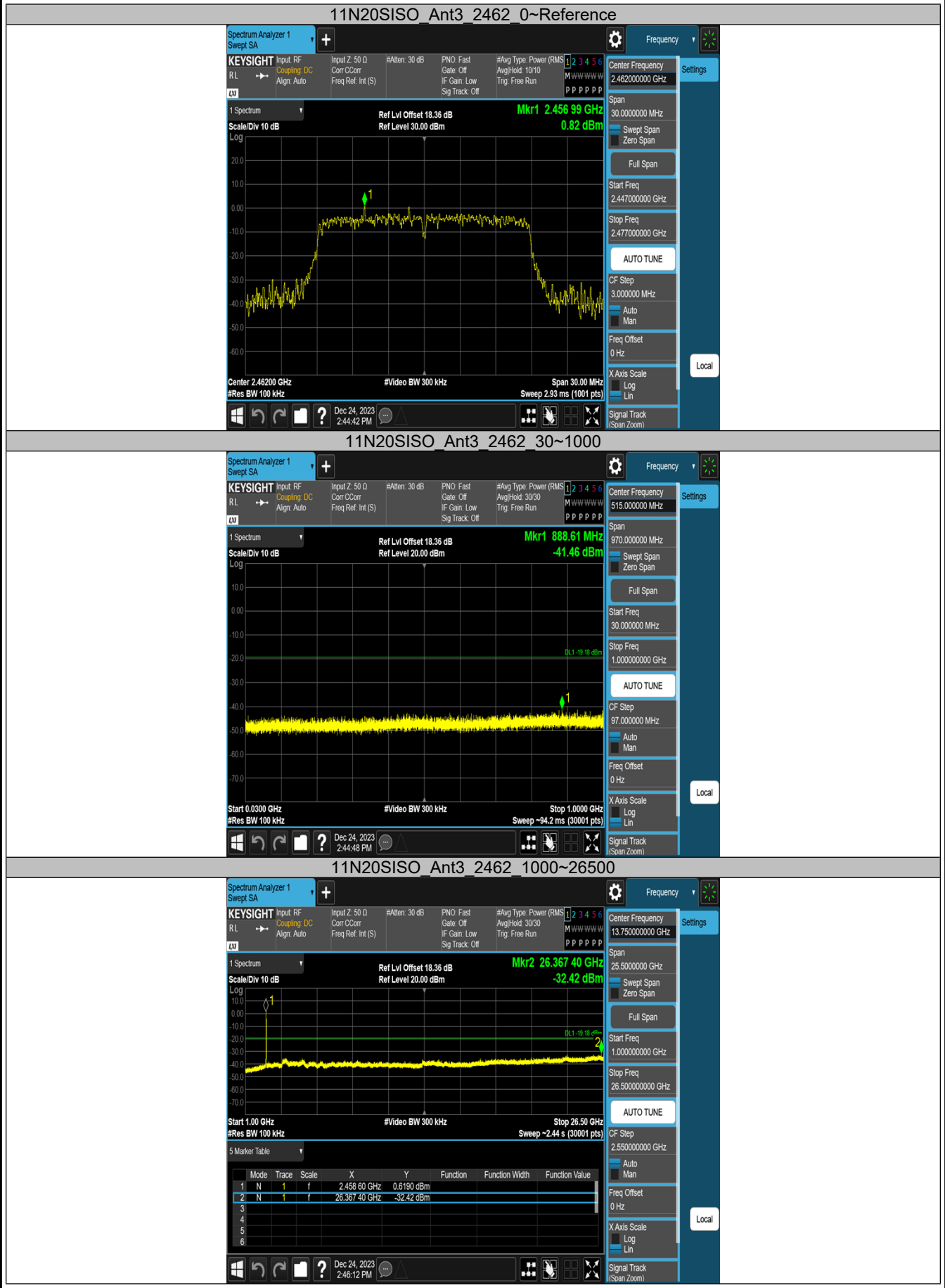
11N20SISO_Ant3_2412_30~1000

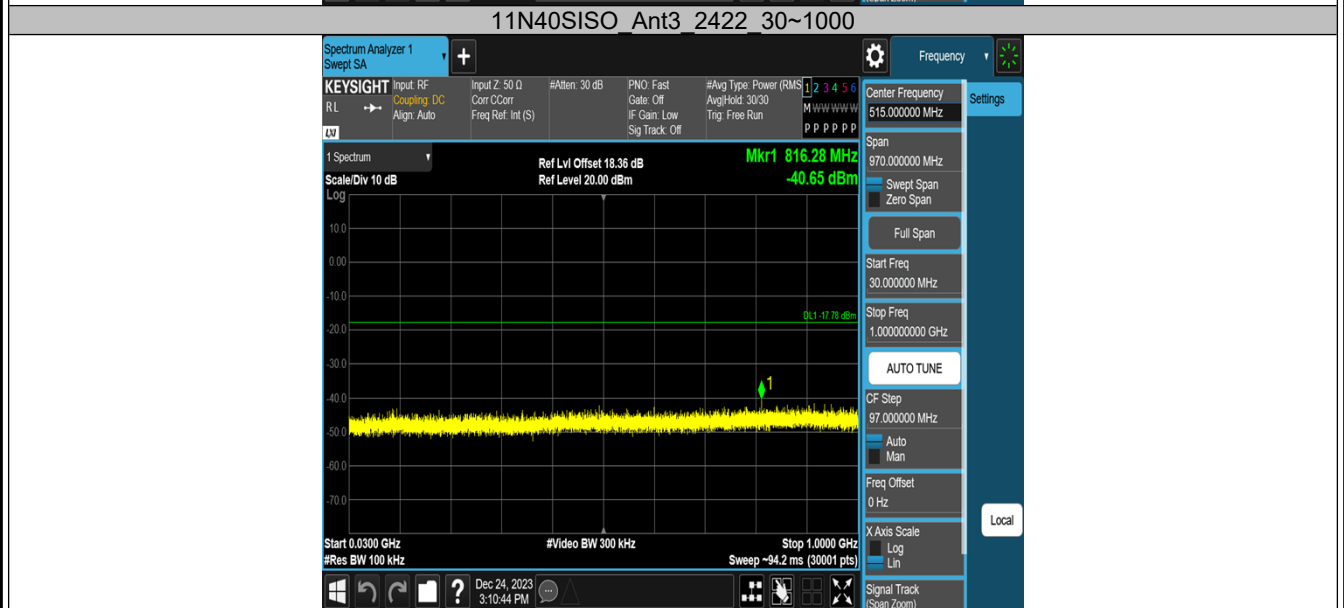
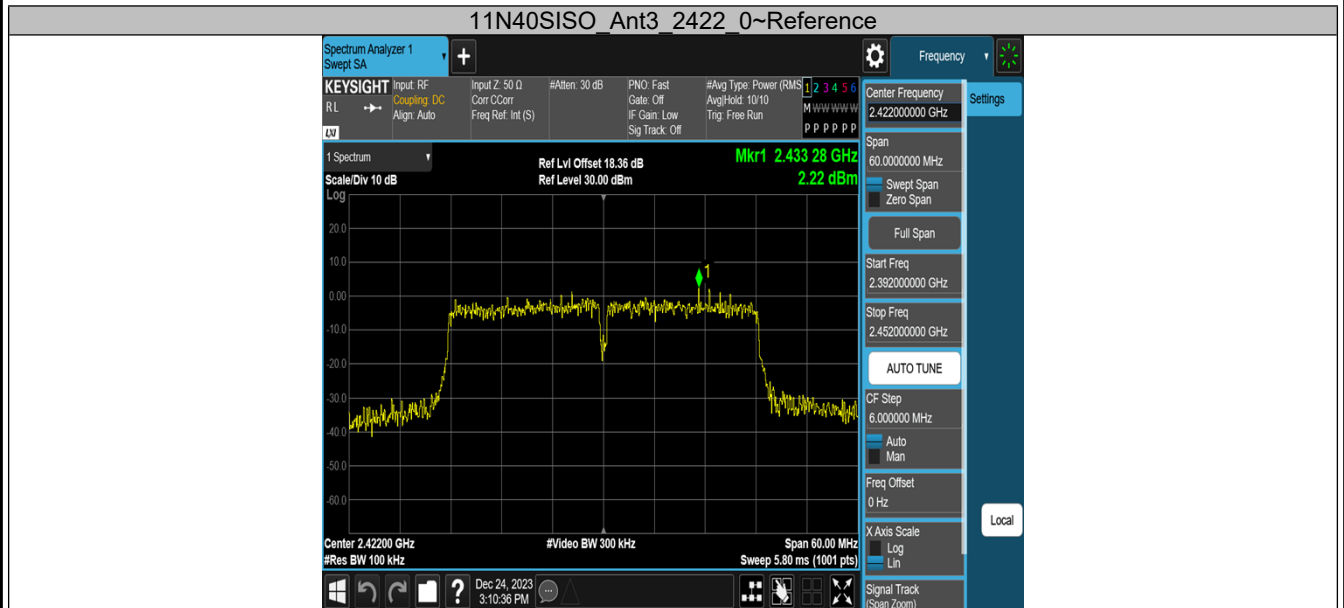


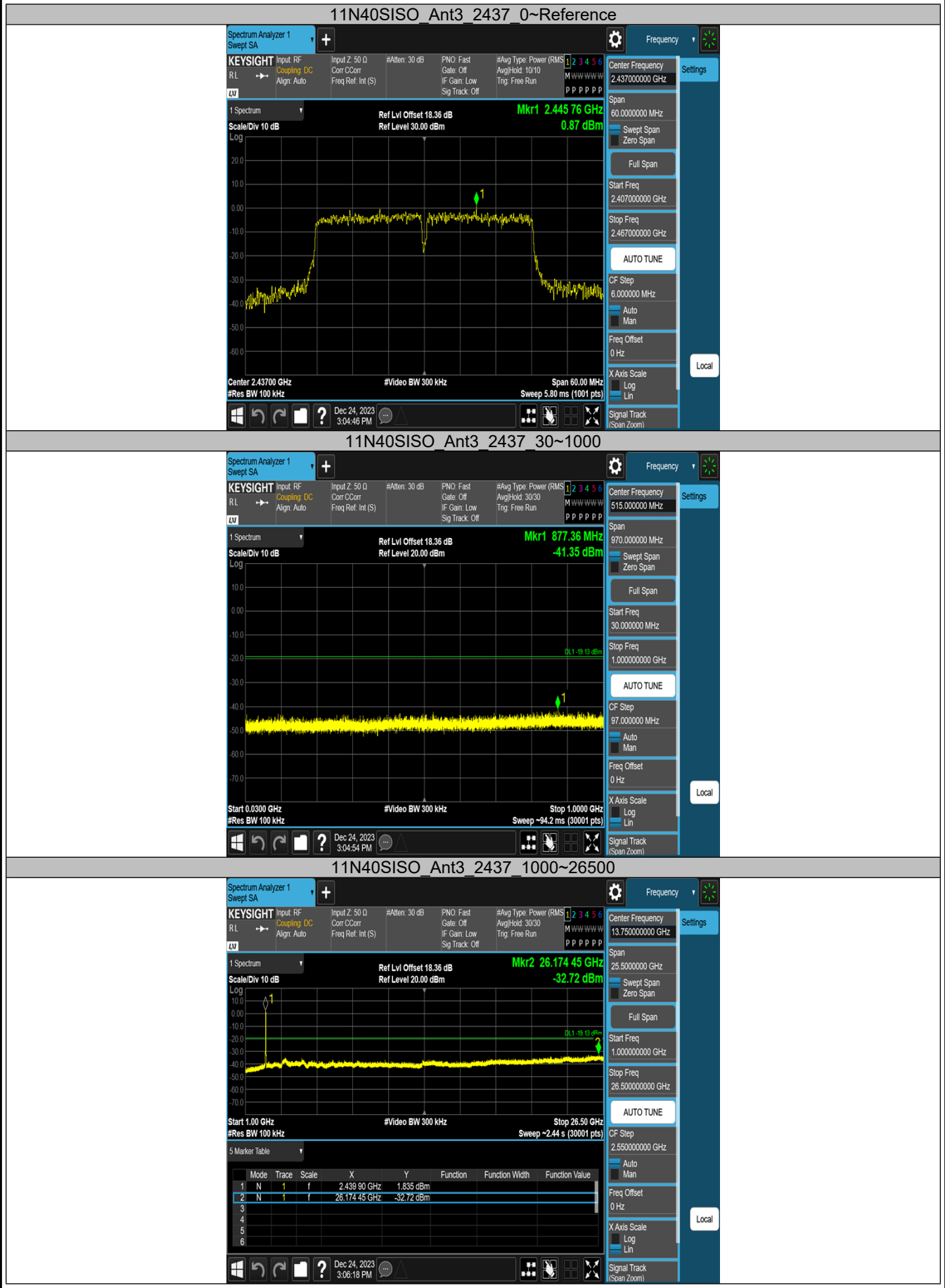
11N20SISO_Ant3_2412_1000~26500

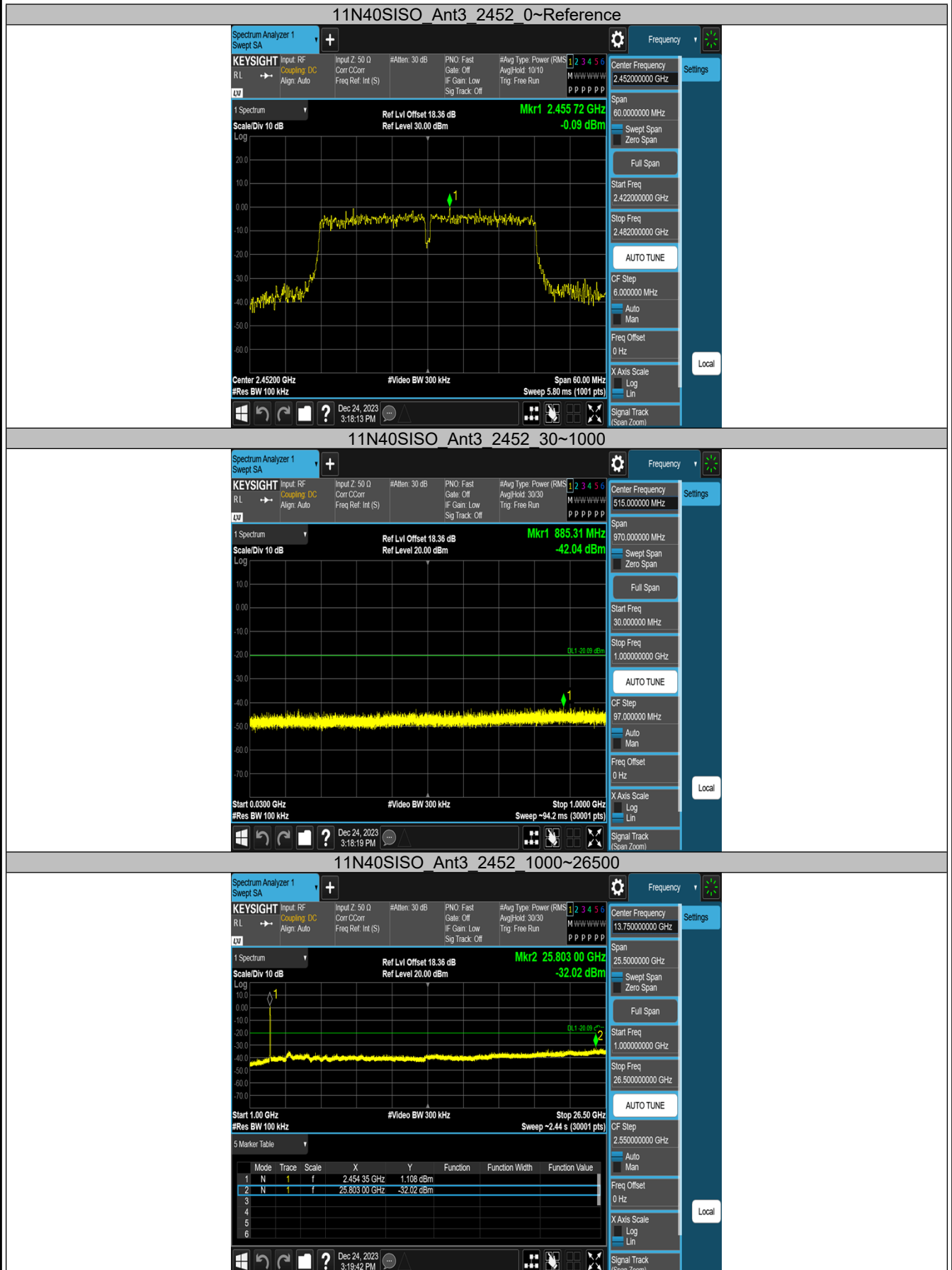












Appendix C.5: Test Results of Radiated Spurious Emissions

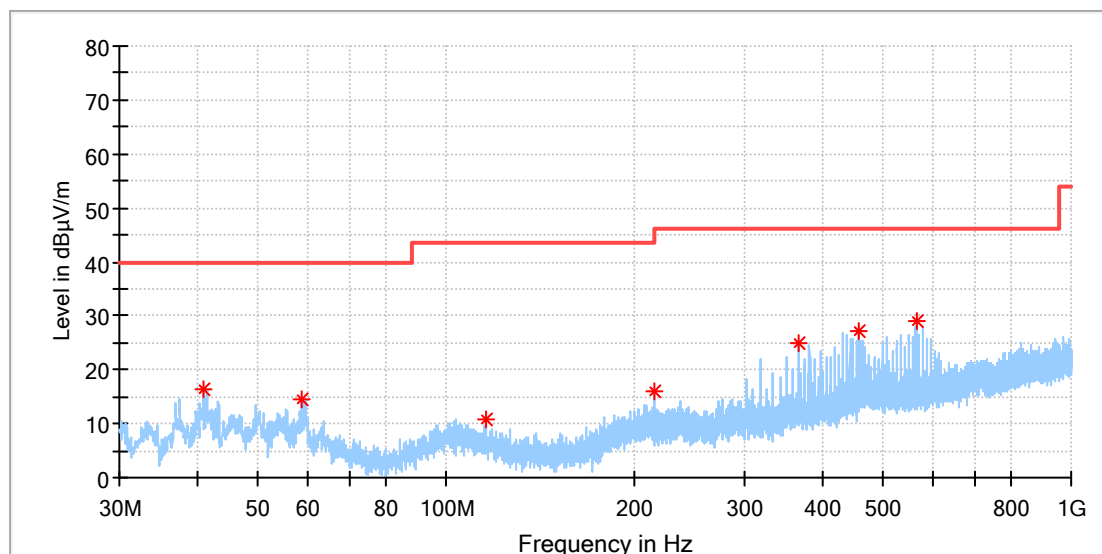
Note:

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

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

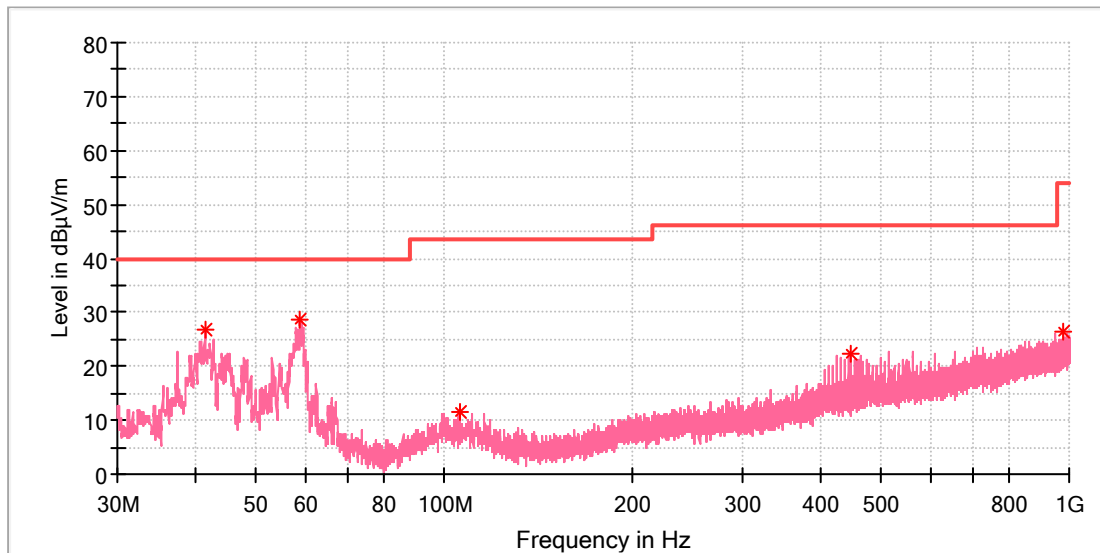
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.856539	16.32	40.00	23.68	100.0	H	53.0	-20.2
58.726923	14.62	40.00	25.38	100.0	H	295.0	-19.2
115.621154	10.76	43.50	32.74	100.0	H	137.0	-20.2
216.016154	15.99	46.00	30.01	100.0	H	356.0	-19.0
365.620000	24.76	46.00	21.24	100.0	H	1.0	-14.8
457.732692	27.27	46.00	18.73	100.0	H	0.0	-13.1
564.395385	29.06	46.00	16.94	100.0	H	13.0	-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: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
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)
41.453462	26.68	40.00	13.32	100.0	V	20.0	-20.0
58.689615	28.82	40.00	11.18	100.0	V	250.0	-19.1
105.958462	11.62	43.50	31.88	100.0	V	12.0	-19.1
448.517692	22.50	46.00	23.50	100.0	V	111.0	-13.3
979.443462	26.54	54.00	27.46	100.0	V	213.0	-4.4

Final Result

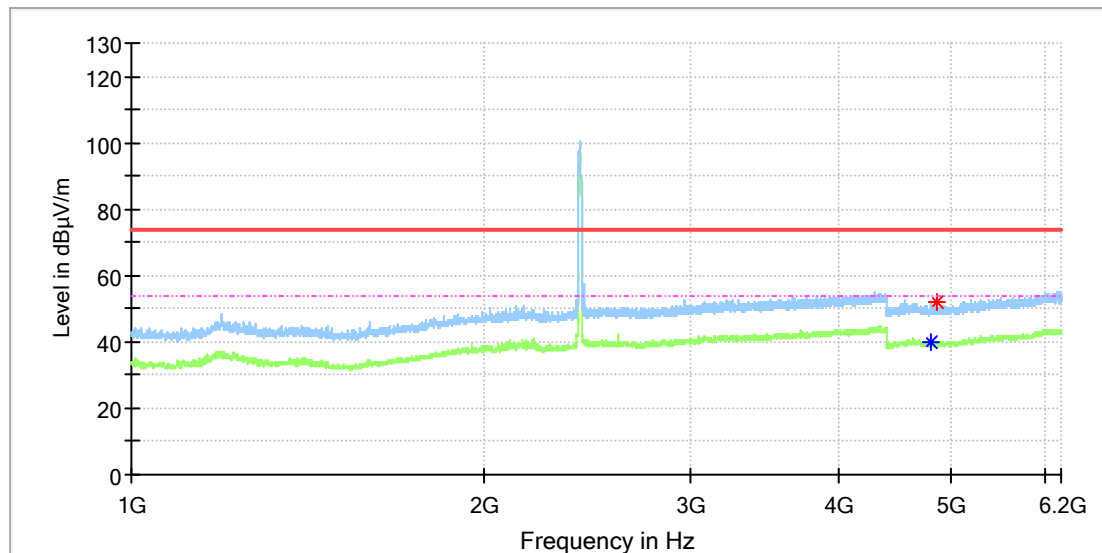
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

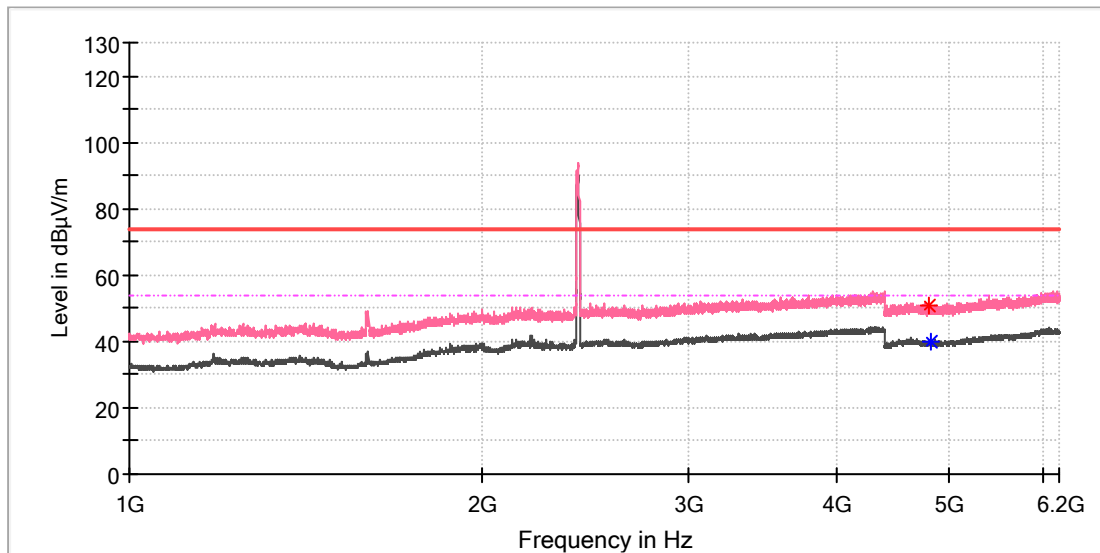
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4808.000000	---	40.05	54.00	13.95	150.0	H	354.0	11.8
4856.000000	51.72	---	74.00	22.28	150.0	H	116.0	11.8

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: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

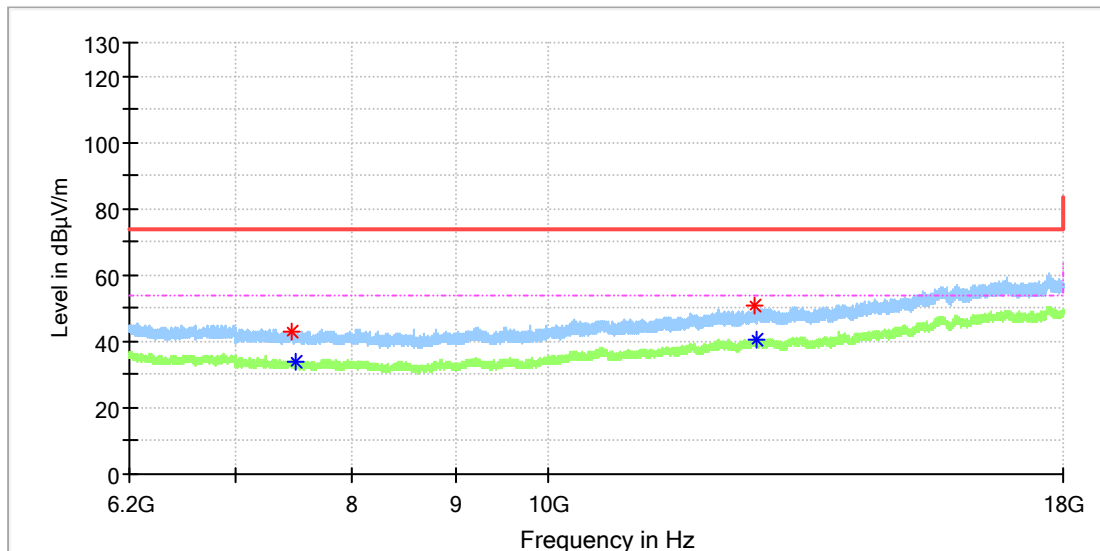
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.000000	50.74	---	74.00	23.26	150.0	V	274.0	11.8
4820.000000	---	39.81	54.00	14.19	150.0	V	128.0	11.8

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: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

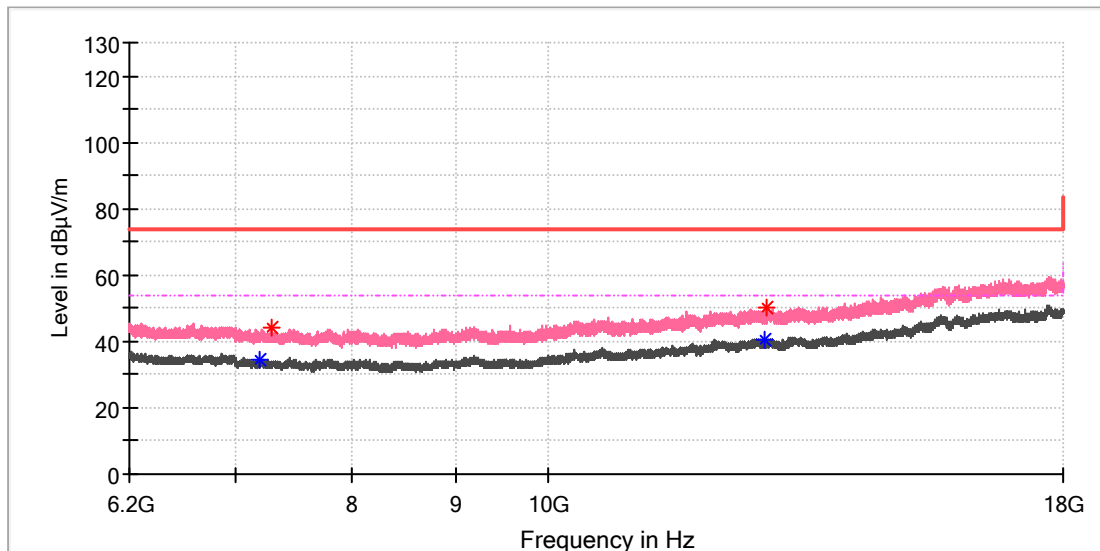
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7456.208333	42.73	---	74.00	31.27	150.0	H	78.0	8.5
7501.441667	---	34.07	54.00	19.93	150.0	H	43.0	8.7
12665.416667	50.67	---	74.00	23.33	150.0	H	356.0	15.1
12689.016667	---	40.76	54.00	13.24	150.0	H	343.0	15.1

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: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

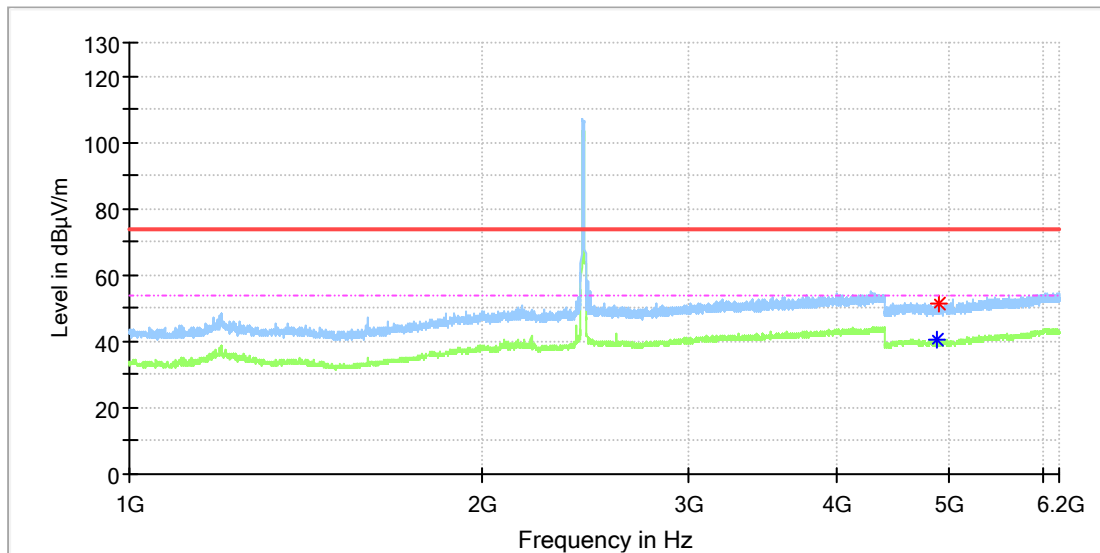
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7194.641667	---	34.65	54.00	19.35	150.0	V	274.0	8.8
7293.466667	44.32	---	74.00	29.68	150.0	V	227.0	8.3
12794.233333	---	40.67	54.00	13.33	150.0	V	23.0	15.3
12836.516667	50.40	---	74.00	23.60	150.0	V	75.0	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: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

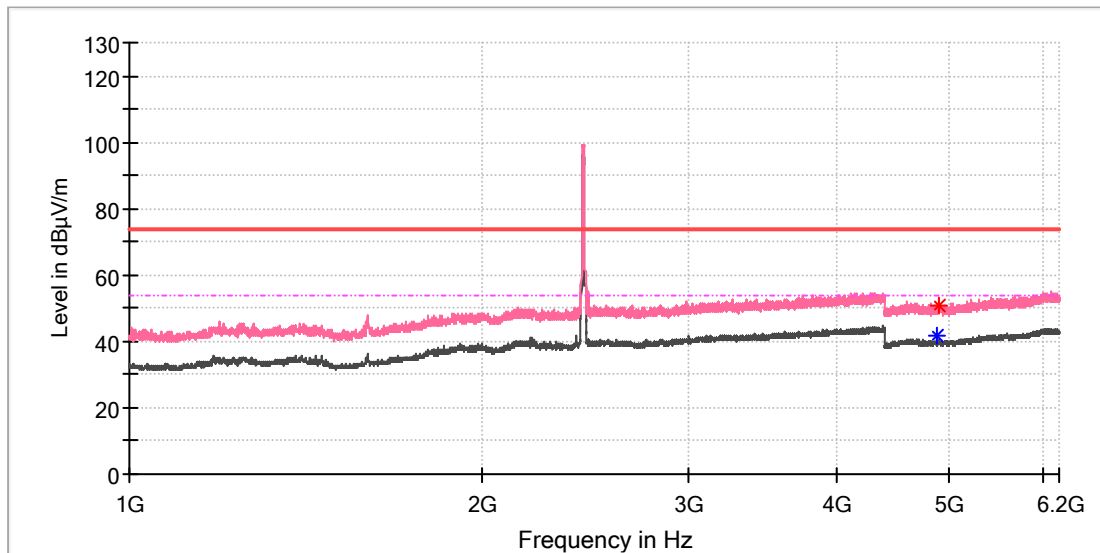
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	---	40.35	54.00	13.65	150.0	H	254.0	11.8
4890.500000	51.14	---	74.00	22.86	150.0	H	103.0	11.8

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: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

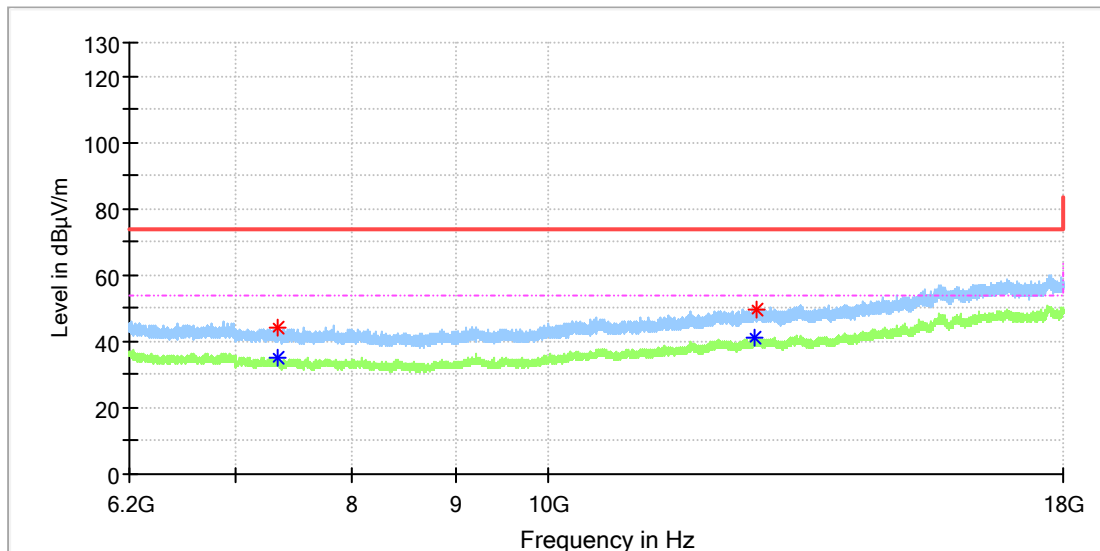
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	---	41.44	54.00	12.56	150.0	V	78.0	11.8
4893.000000	50.97	---	74.00	23.03	150.0	V	257.0	11.8

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: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

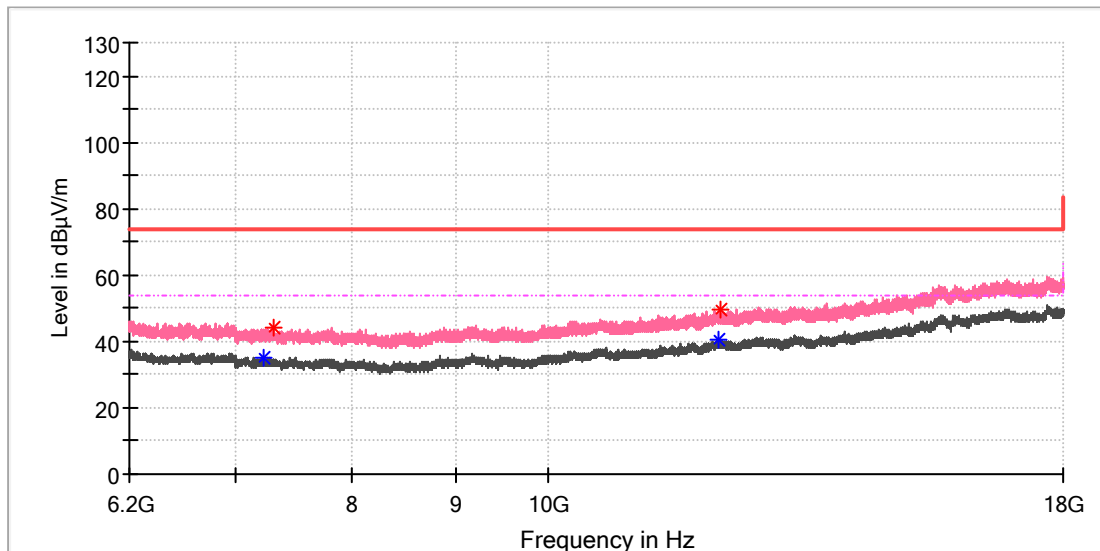
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7338.208333	44.12	---	74.00	29.88	150.0	H	84.0	8.1
7338.208333	---	34.90	54.00	19.10	150.0	H	84.0	8.1
12645.750000	---	41.08	54.00	12.92	150.0	H	97.0	15.0
12688.033333	49.51	---	74.00	24.49	150.0	H	3.0	15.1

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: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

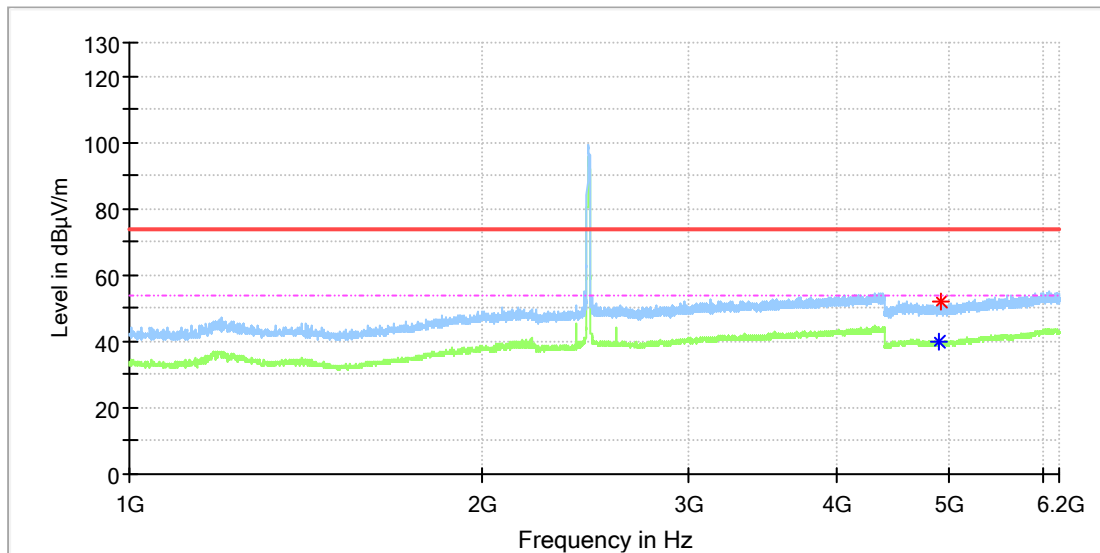
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7229.058333	---	35.06	54.00	18.94	150.0	V	98.0	8.6
7305.266667	44.08	---	74.00	29.92	150.0	V	147.0	8.3
12147.691667	---	40.79	54.00	13.21	150.0	V	74.0	14.4
12159.983333	49.88	---	74.00	24.12	150.0	V	256.0	14.5

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: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

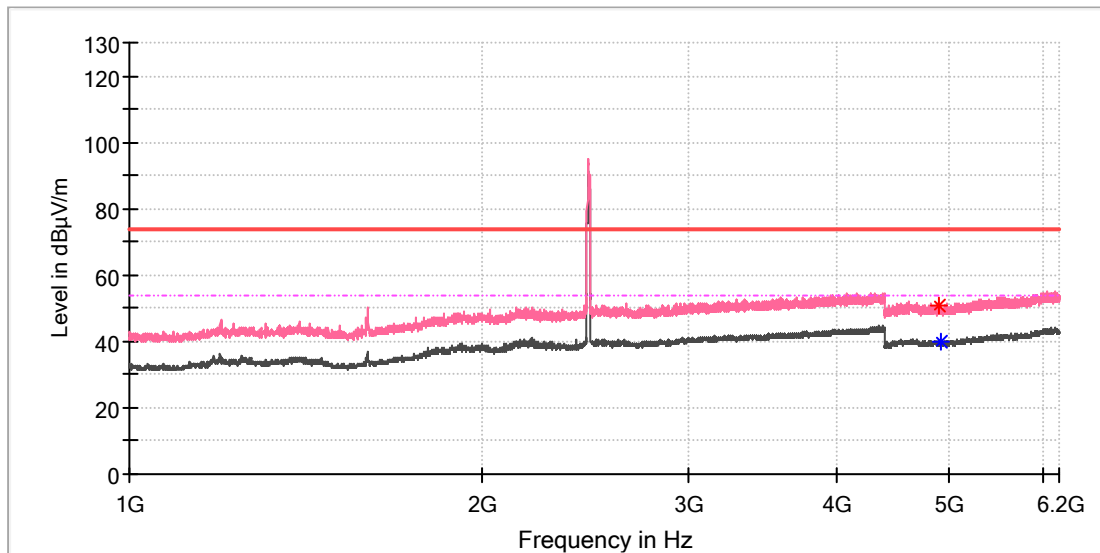
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4906.000000	---	39.85	54.00	14.15	150.0	H	265.0	11.8
4913.000000	52.15	---	74.00	21.85	150.0	H	235.0	11.8

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: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

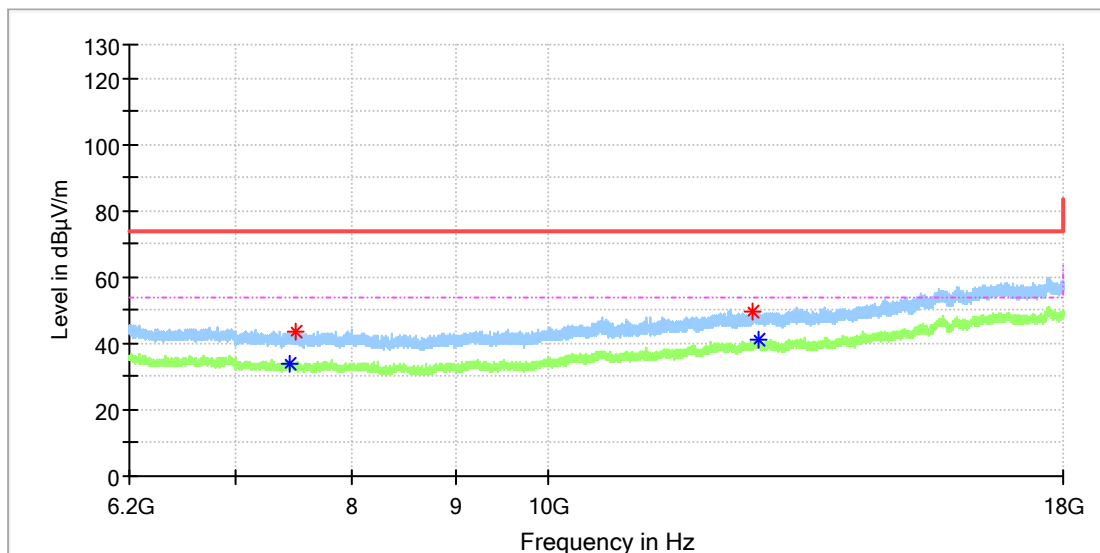
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4904.000000	51.07	---	74.00	22.93	150.0	V	283.0	11.8
4918.000000	---	39.81	54.00	14.19	150.0	V	12.0	11.8

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: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

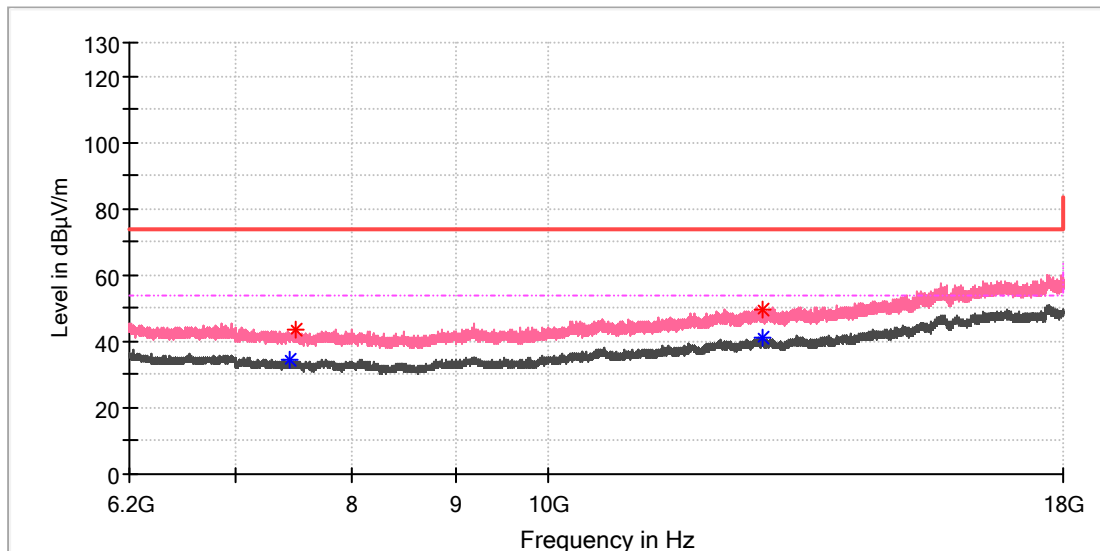
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7448.341667	---	34.14	54.00	19.86	150.0	H	178.0	8.5
7490.133333	43.35	---	74.00	30.65	150.0	H	166.0	8.7
12640.833333	49.48	---	74.00	24.52	150.0	H	279.0	15.0
12709.666667	---	41.05	54.00	12.95	150.0	H	166.0	15.1

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: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

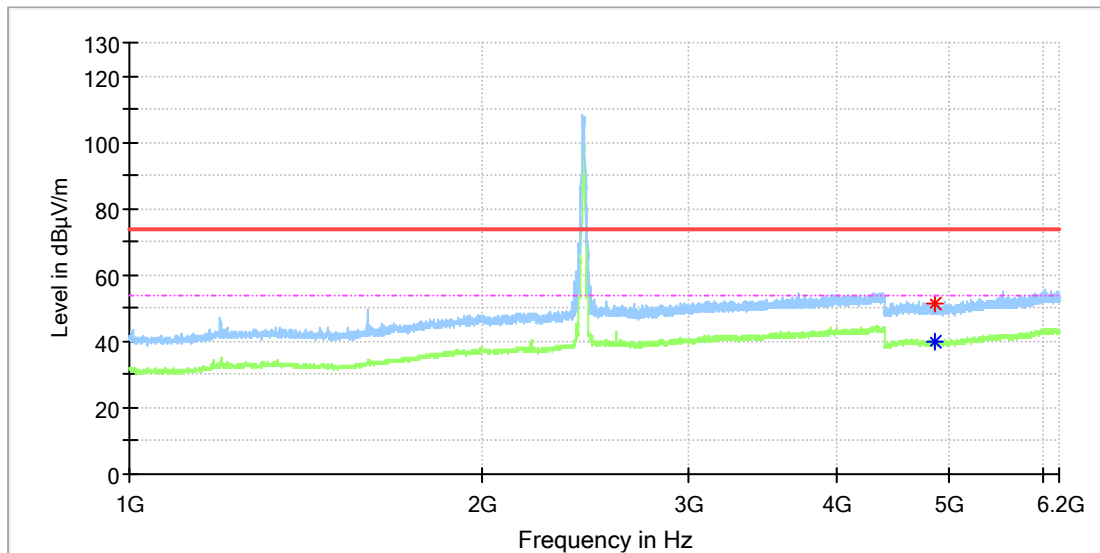
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7441.950000	---	34.27	54.00	19.73	150.0	V	6.0	8.4
7491.116667	43.62	---	74.00	30.38	150.0	V	75.0	8.7
12770.141667	---	41.00	54.00	13.00	150.0	V	310.0	15.2
12773.583333	49.75	---	74.00	24.25	150.0	V	161.0	15.2

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

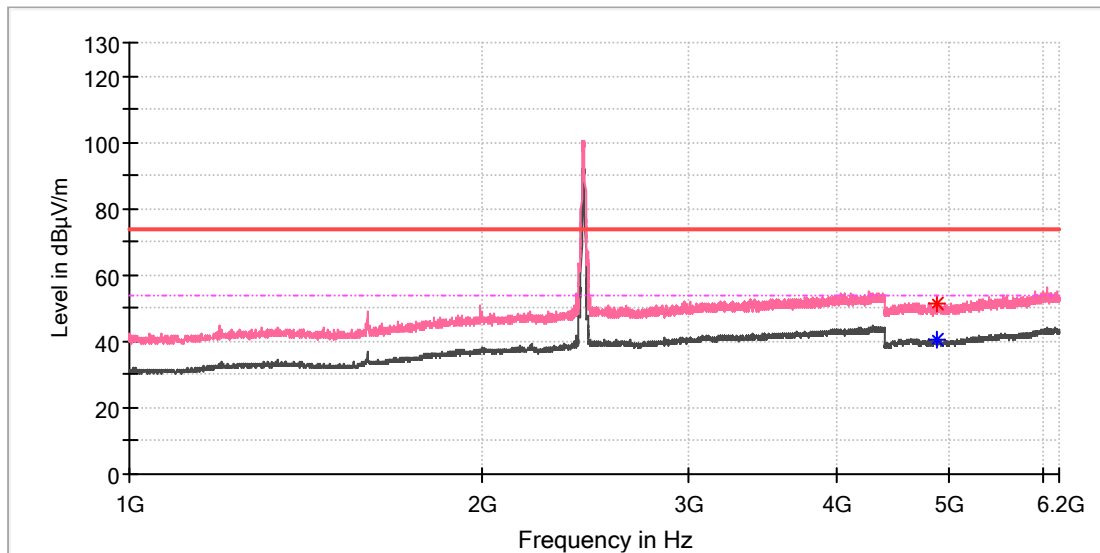
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4853.000000	51.09	---	74.00	22.91	150.0	H	6.0	11.8
4857.000000	---	40.14	54.00	13.86	150.0	H	31.0	11.8

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: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

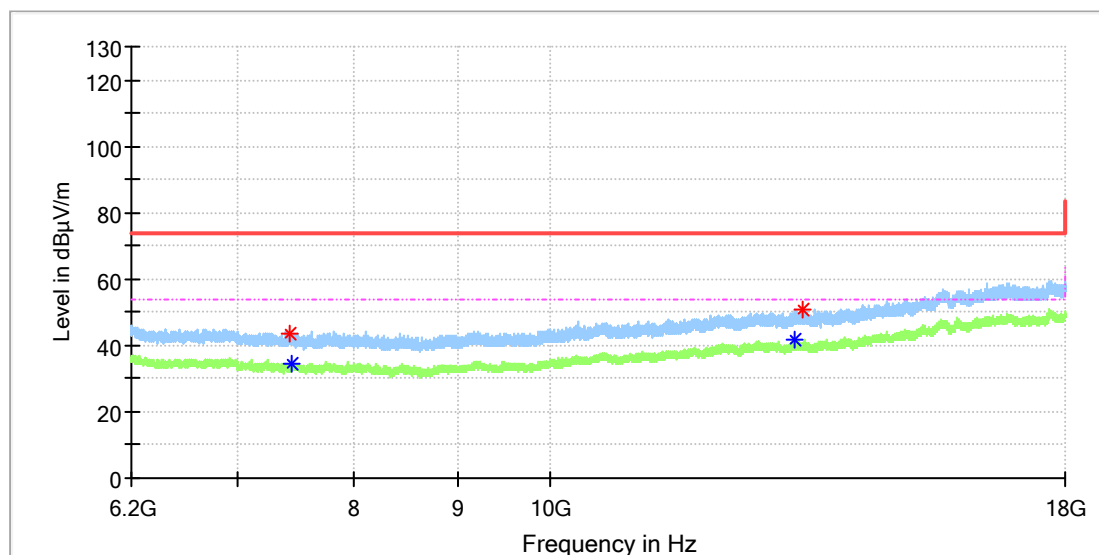
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.000000	---	40.35	54.00	13.65	150.0	V	198.0	11.8
4871.500000	51.24	---	74.00	22.76	150.0	V	32.0	11.8

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: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

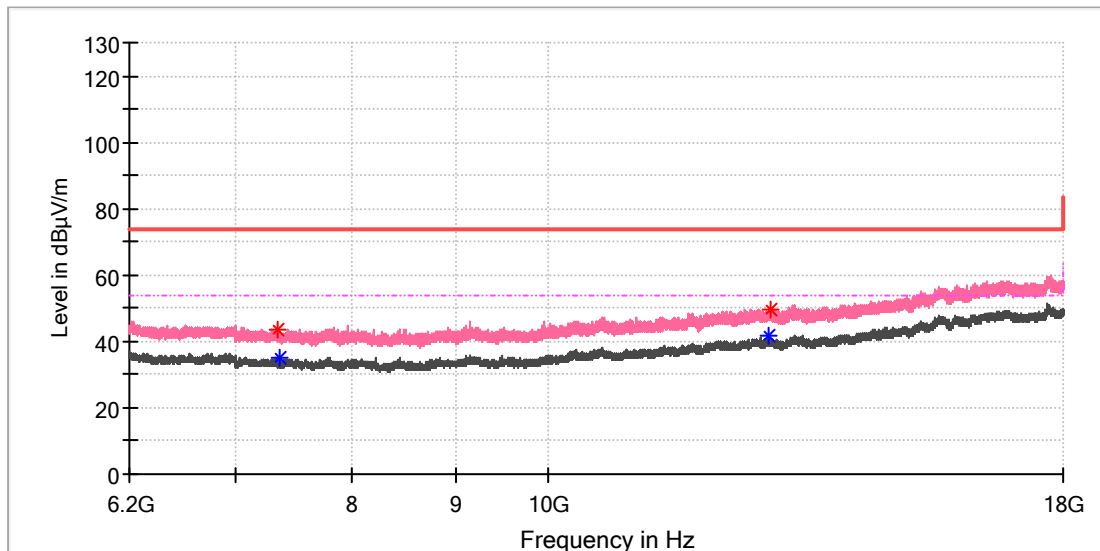
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7435.066667	43.77	---	74.00	30.23	150.0	H	354.0	8.4
7453.258333	---	34.28	54.00	19.72	150.0	H	0.0	8.5
13225.916667	---	41.44	54.00	12.56	150.0	H	270.0	15.5
13338.508333	50.51	---	74.00	23.49	150.0	H	318.0	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: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

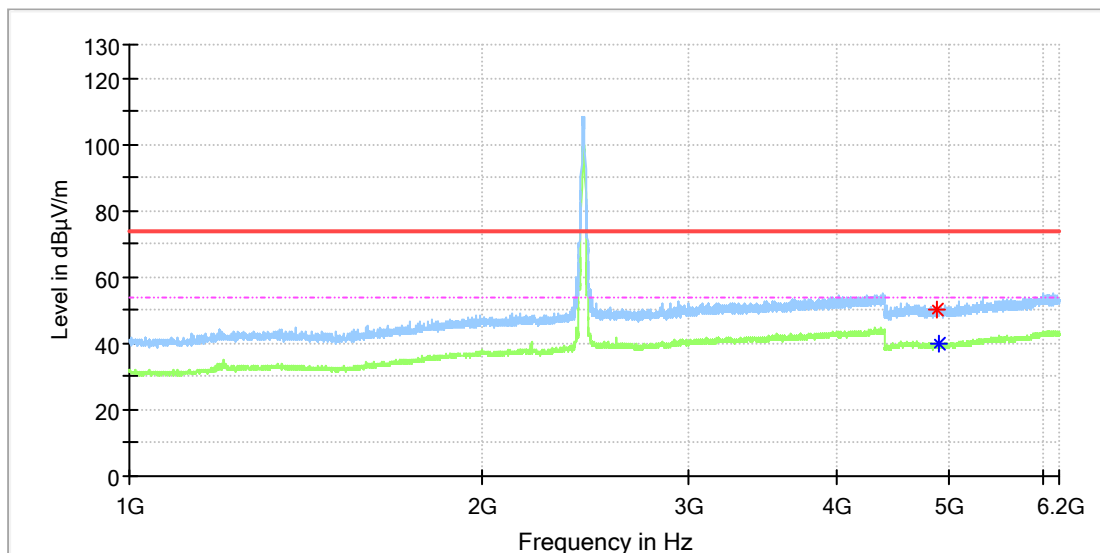
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7344.108333	43.28	---	74.00	30.72	150.0	V	155.0	8.1
7361.808333	---	35.09	54.00	18.92	150.0	V	298.0	8.2
12852.250000	---	41.44	54.00	12.56	150.0	V	190.0	15.4
12902.400000	49.60	---	74.00	24.40	150.0	V	155.0	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: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

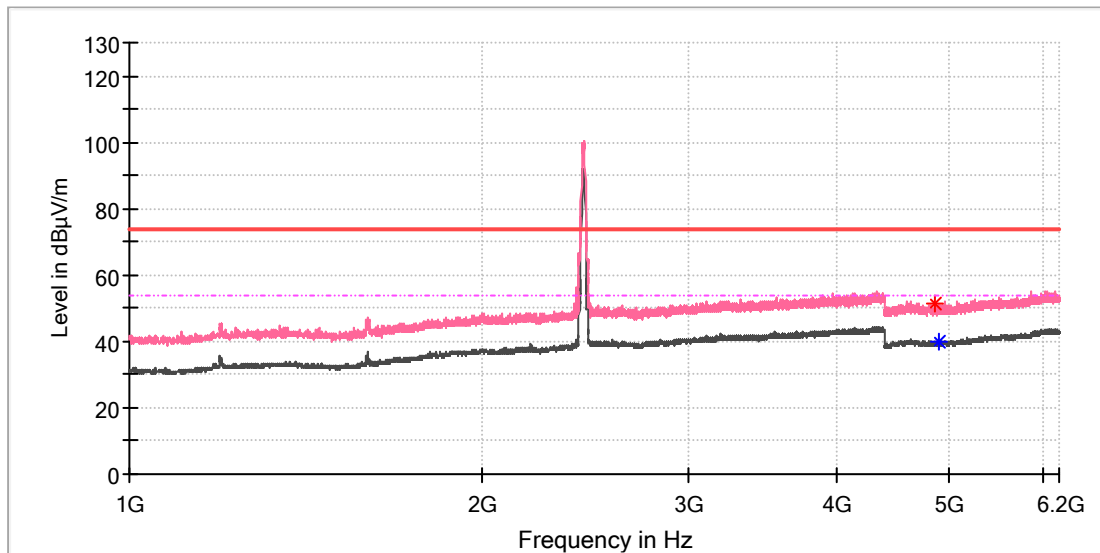
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.500000	50.27	---	74.00	23.73	150.0	H	325.0	11.8
4892.000000	---	39.66	54.00	14.34	150.0	H	207.0	11.8

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: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

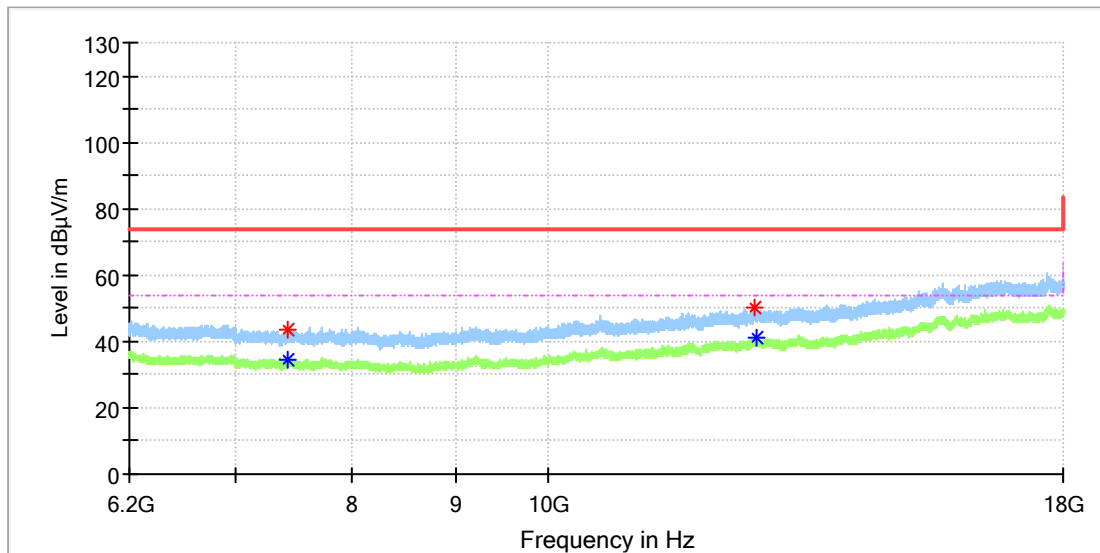
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4865.000000	51.49	---	74.00	22.51	150.0	V	359.0	11.8
4906.500000	---	40.04	54.00	13.96	150.0	V	334.0	11.8

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: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

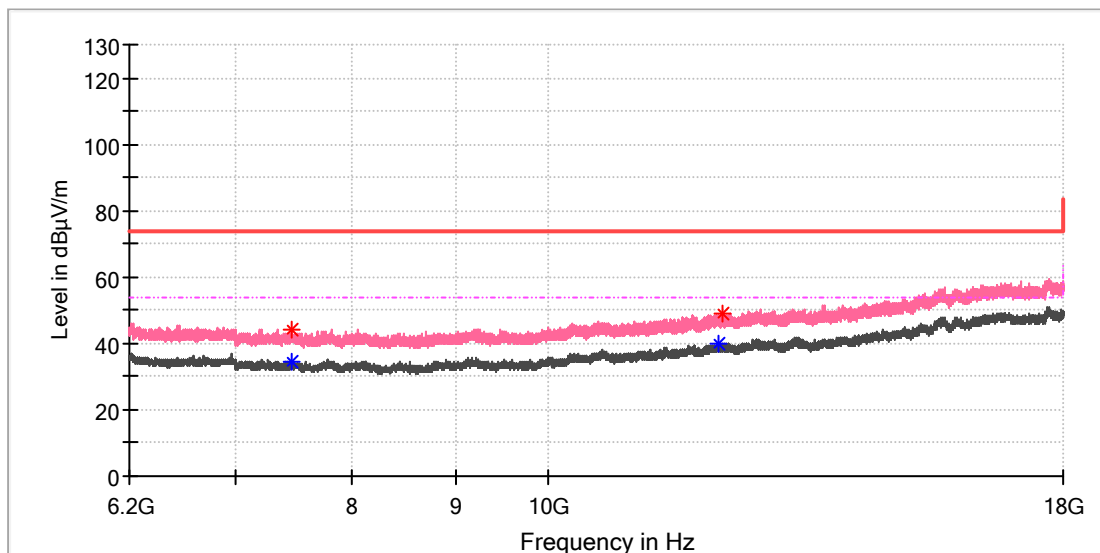
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7424.741667	---	34.25	54.00	19.75	150.0	H	74.0	8.4
7430.150000	43.41	---	74.00	30.59	150.0	H	269.0	8.4
12665.416667	50.26	---	74.00	23.74	150.0	H	185.0	15.1
12682.625000	---	41.03	54.00	12.97	150.0	H	22.0	15.1

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: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

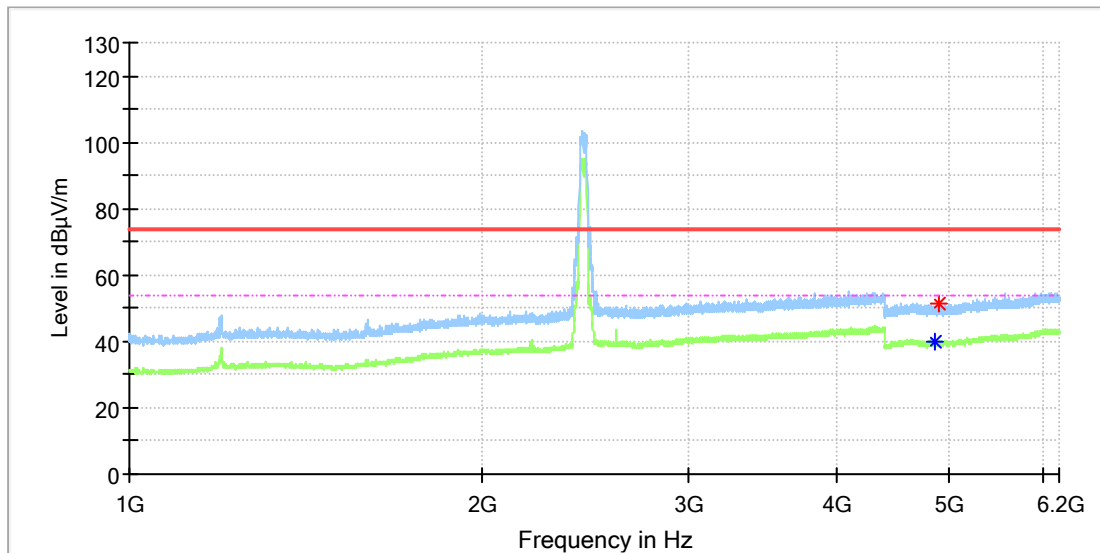
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7460.633333	44.06	---	74.00	29.94	150.0	V	0.0	8.5
7467.025000	---	34.66	54.00	19.34	150.0	V	39.0	8.6
12141.300000	---	39.82	54.00	14.18	150.0	V	74.0	14.4
12212.591667	48.90	---	74.00	25.10	150.0	V	355.0	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: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

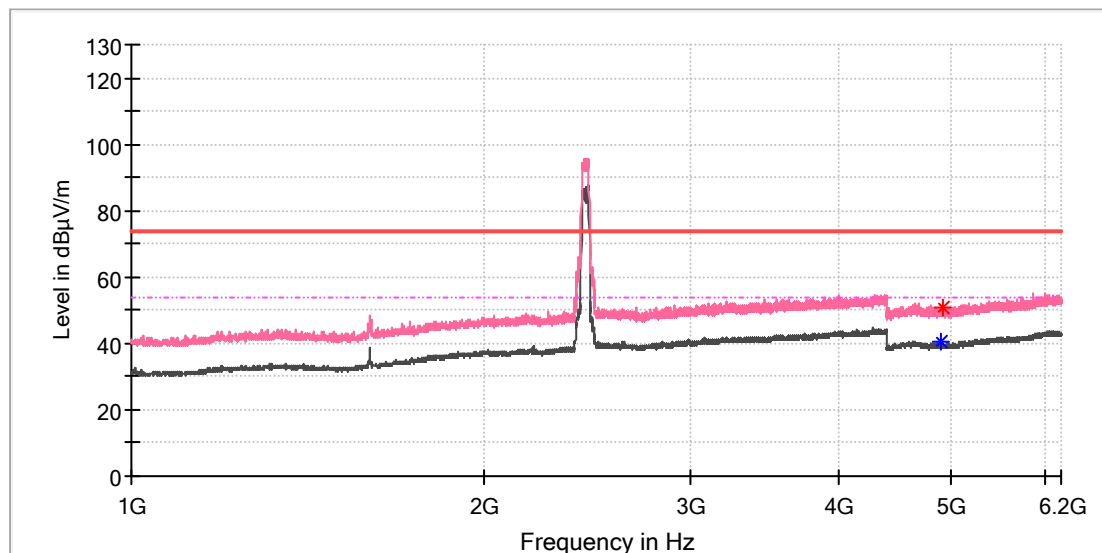
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4865.500000	---	39.94	54.00	14.06	150.0	H	94.0	11.8
4899.500000	51.19	---	74.00	22.81	150.0	H	192.0	11.8

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: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

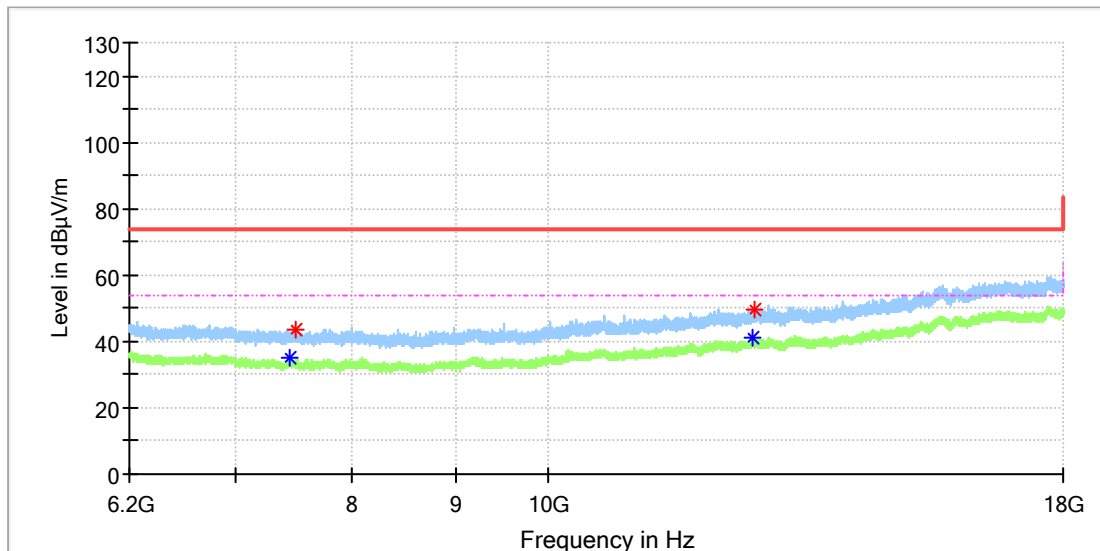
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4904.000000	---	40.41	54.00	13.59	150.0	V	197.0	11.8
4915.500000	50.61	---	74.00	23.39	150.0	V	104.0	11.8

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: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

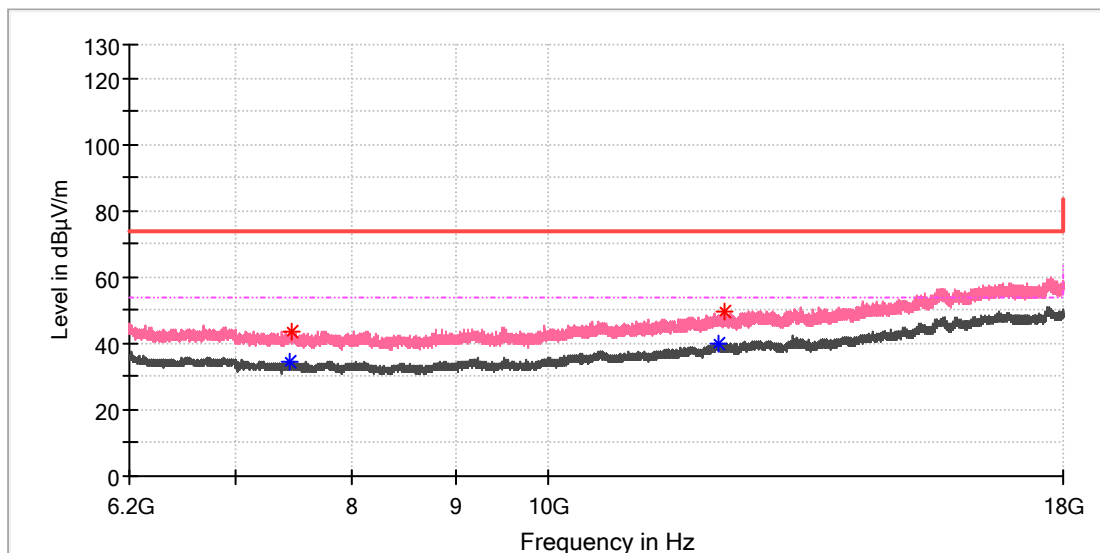
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7453.258333	---	34.77	54.00	19.23	150.0	H	249.0	8.5
7489.641667	43.37	---	74.00	30.63	150.0	H	288.0	8.7
12641.325000	---	40.95	54.00	13.05	150.0	H	0.0	15.0
12645.750000	49.78	---	74.00	24.22	150.0	H	18.0	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: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
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)
7440.966667	---	34.42	54.00	19.58	150.0	V	241.0	8.4
7459.158333	43.63	---	74.00	30.37	150.0	V	304.0	8.5
12153.100000	---	40.07	54.00	13.93	150.0	V	97.0	14.4
12226.358333	49.81	---	74.00	24.19	150.0	V	156.0	14.7

Final Result

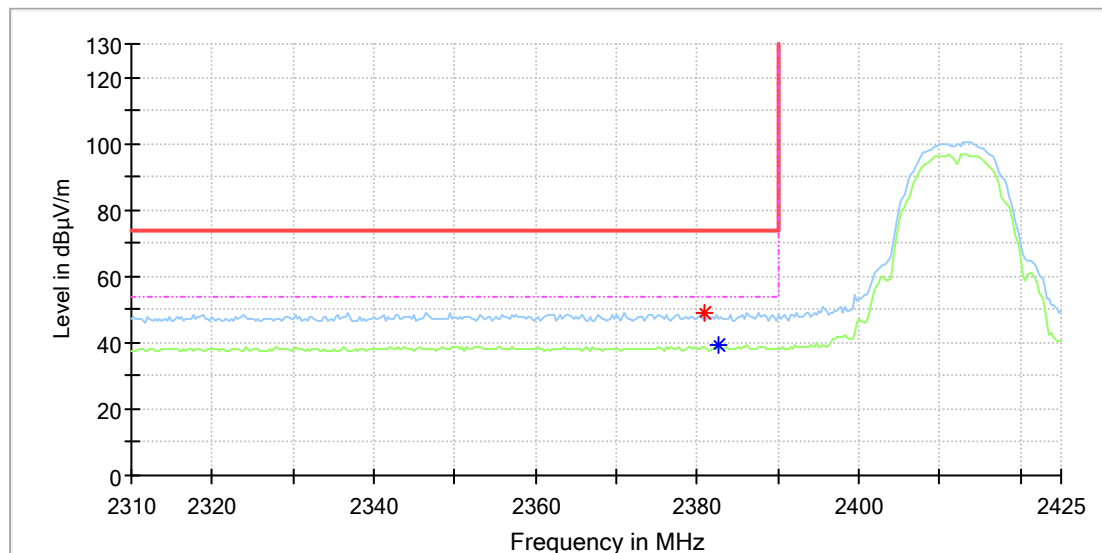
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix C.6: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

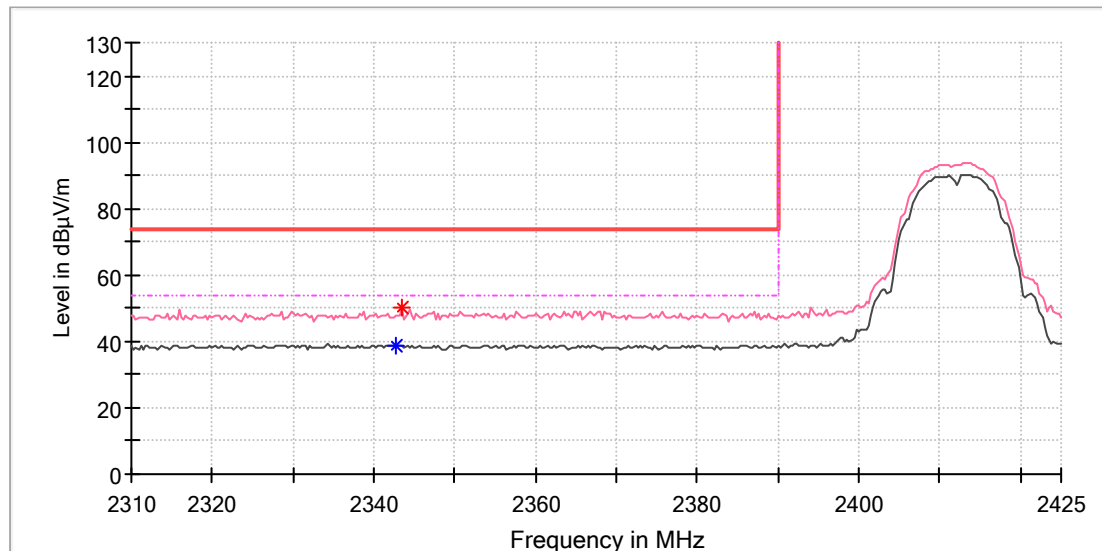
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2380.882353	49.05	---	74.00	24.95	150.0	H	216.0	7.0
2382.647059	---	39.17	54.00	14.83	150.0	H	116.0	7.0

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: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

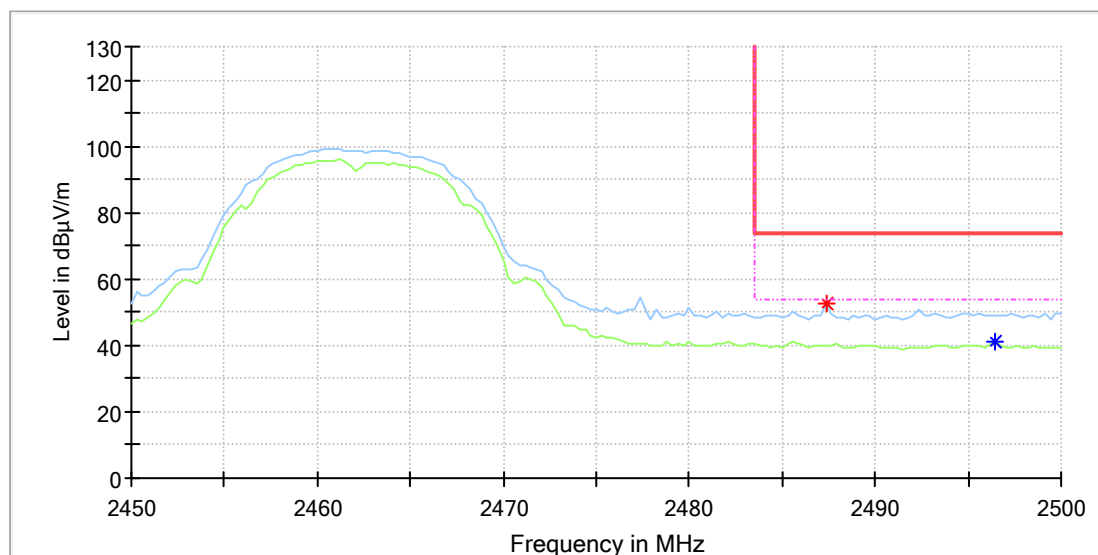
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2342.647059	---	38.98	54.00	15.02	150.0	V	239.0	6.8
2343.529412	50.09	---	74.00	23.91	150.0	V	316.0	6.9

Final Result

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

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

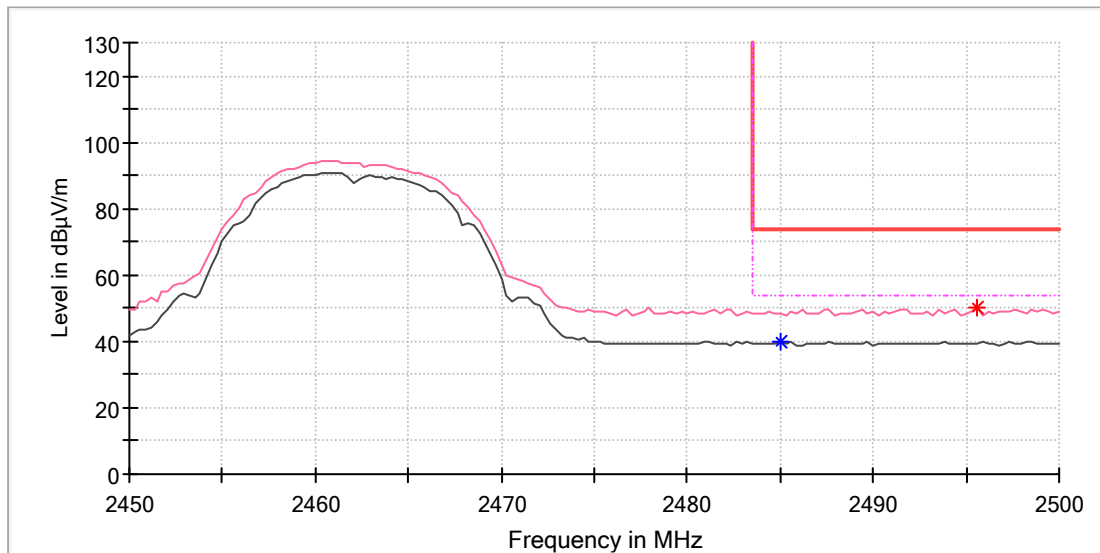
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.352941	52.75	---	74.00	21.25	150.0	H	171.0	7.4
2496.470588	---	41.04	54.00	12.96	150.0	H	327.0	7.4

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: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
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	---	39.87	54.00	14.13	150.0	V	29.0	7.4
2495.588235	50.17	---	74.00	23.83	150.0	V	214.0	7.4

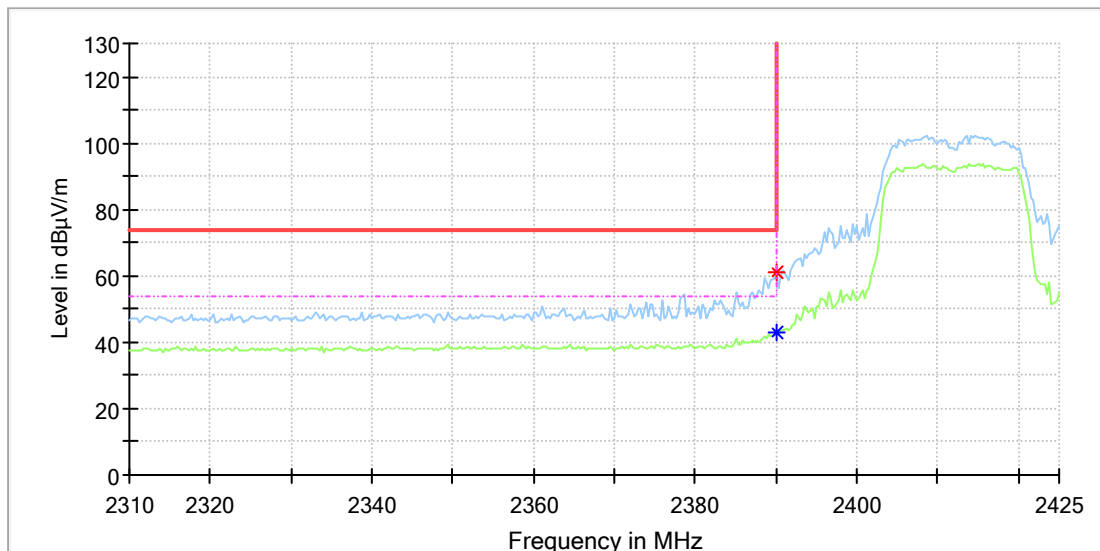
Final Result

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

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

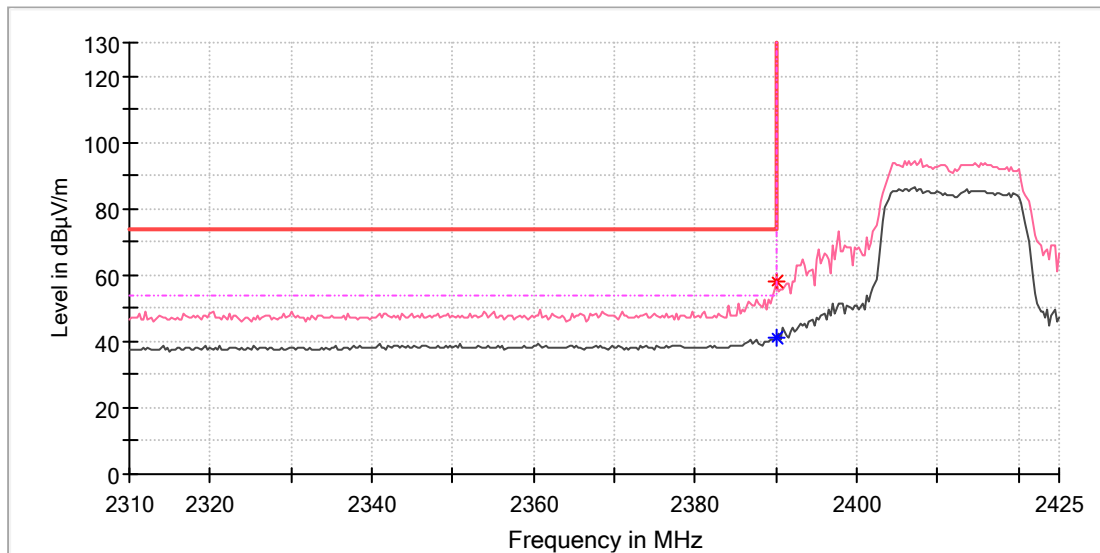
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	---	43.03	54.00	10.97	150.0	H	0.0	7.0
2390.000000	61.14	---	74.00	12.86	150.0	H	0.0	7.0

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: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

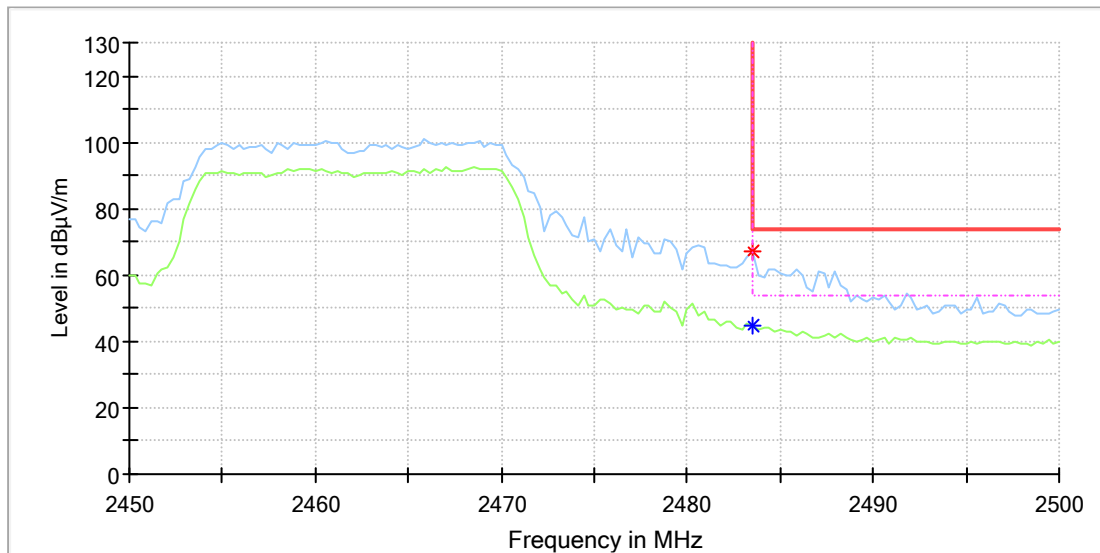
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	58.13	---	74.00	15.87	150.0	V	251.0	7.0
2390.000000	---	41.42	54.00	12.58	150.0	V	251.0	7.0

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: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

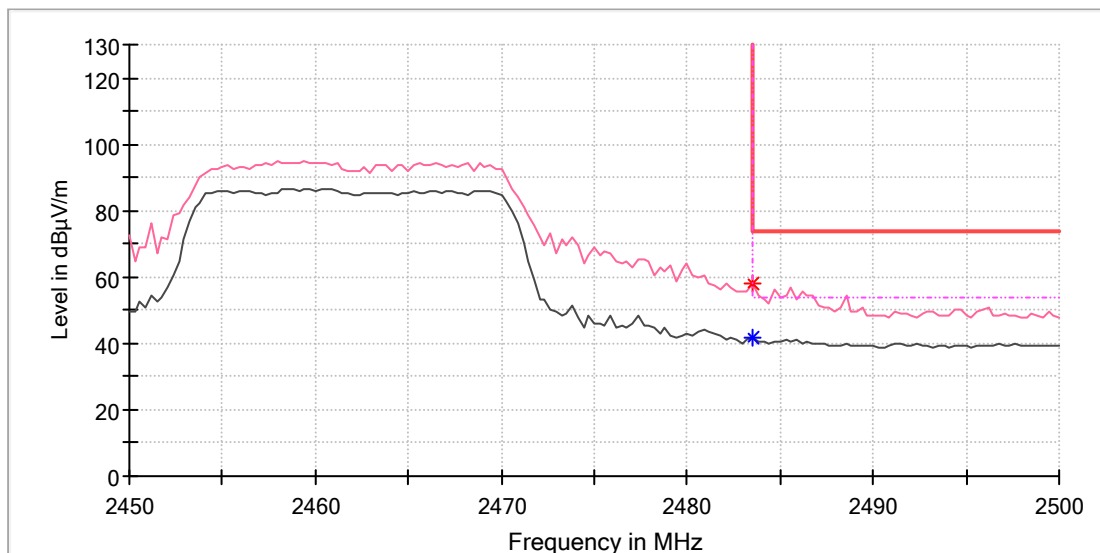
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	44.79	54.00	9.21	150.0	H	149.0	7.4
2483.529412	66.88	---	74.00	7.12	150.0	H	149.0	7.4

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: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
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	58.14	---	74.00	15.86	150.0	V	289.0	7.4
2483.529412	---	41.80	54.00	12.20	150.0	V	289.0	7.4

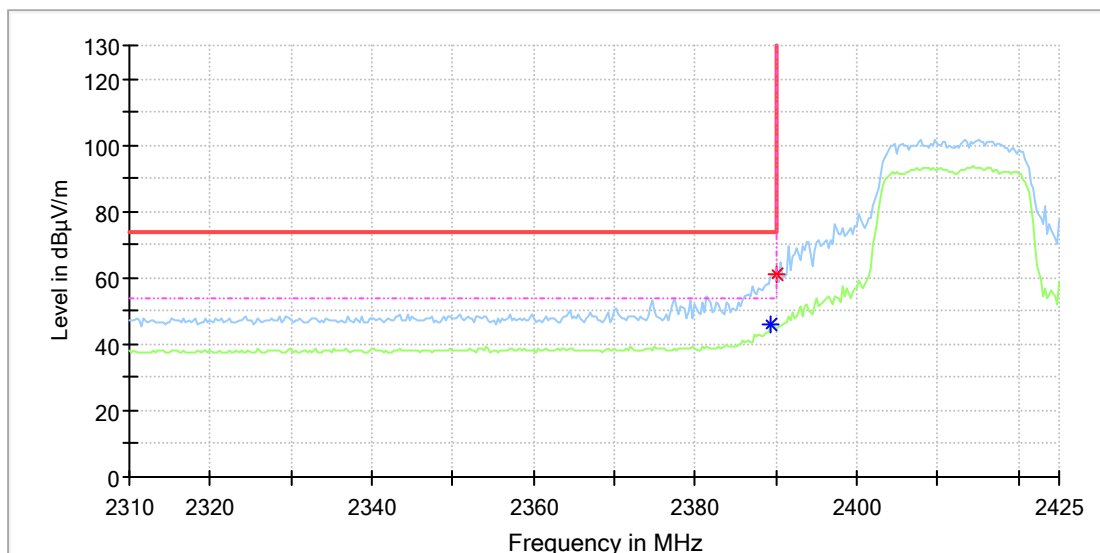
Final Result

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

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

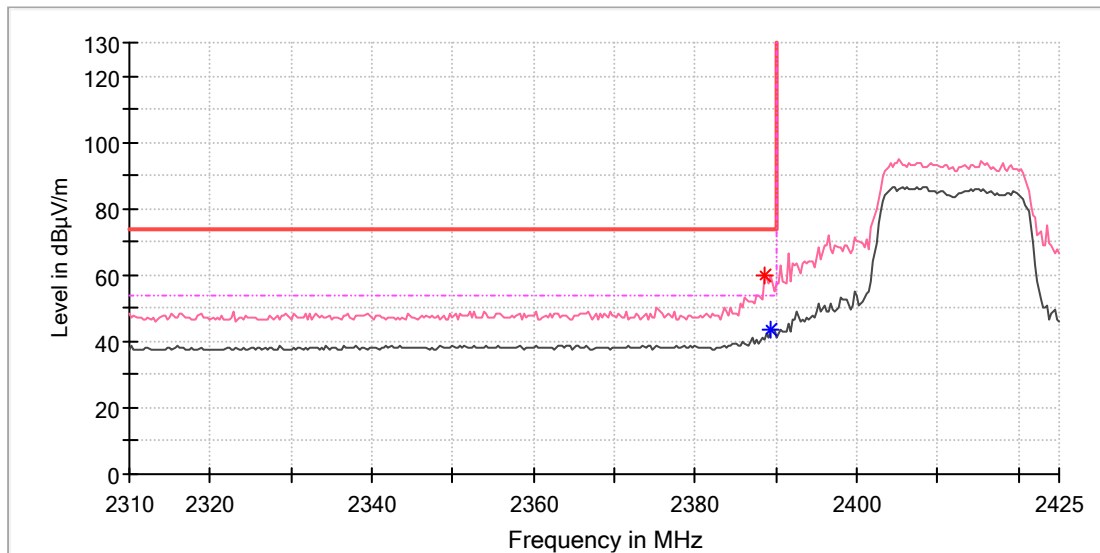
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	---	46.04	54.00	7.96	150.0	H	150.0	7.0
2390.000000	61.17	---	74.00	12.83	150.0	H	340.0	7.0

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: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

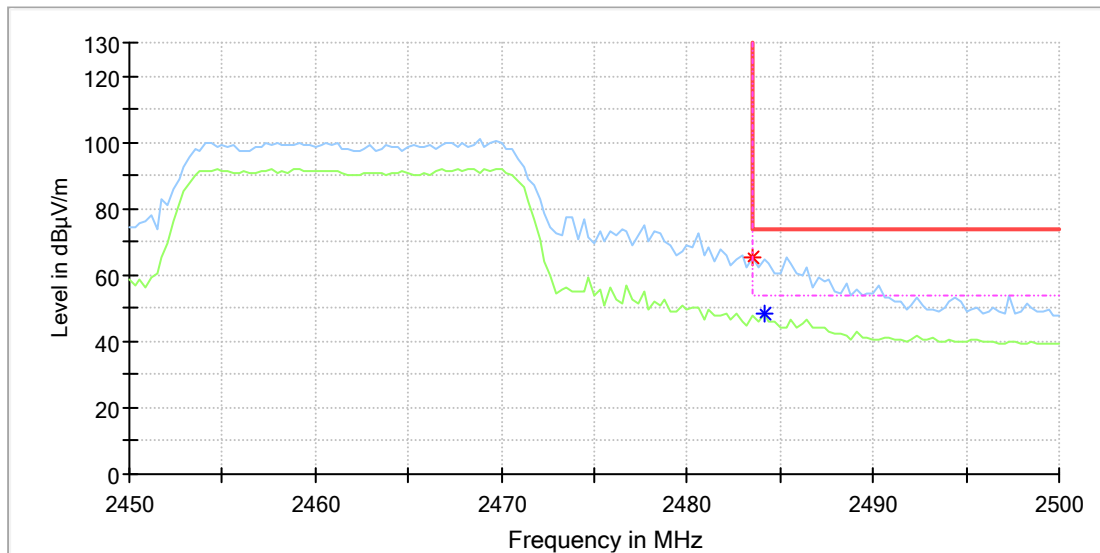
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	60.11	---	74.00	13.89	150.0	V	292.0	7.0
2389.411765	---	43.80	54.00	10.20	150.0	V	230.0	7.0

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: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

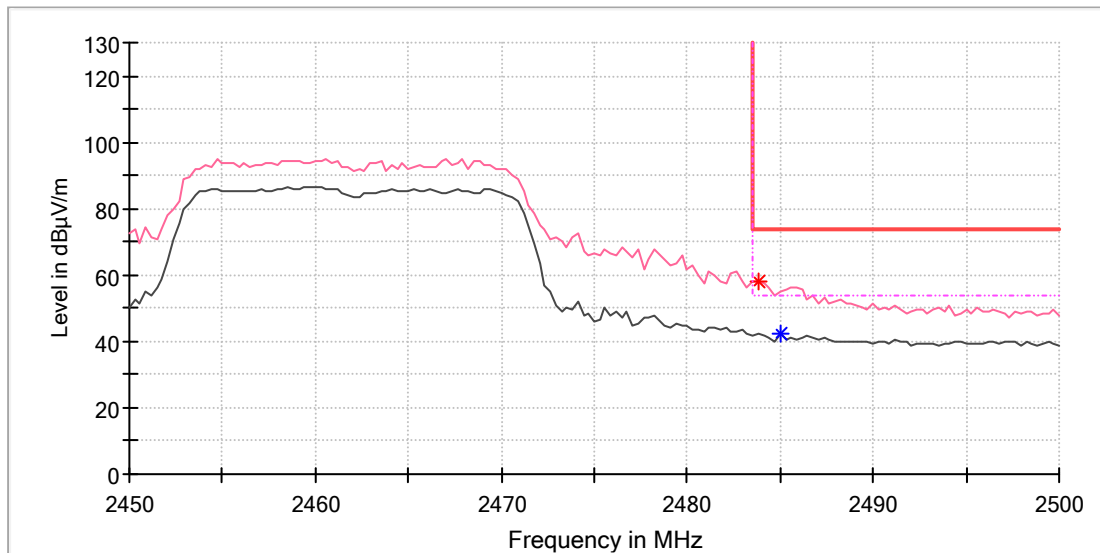
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	65.25	---	74.00	8.75	150.0	H	149.0	7.4
2484.117647	---	48.15	54.00	5.85	150.0	H	149.0	7.4

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: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
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)
2483.823529	57.90	---	74.00	16.10	150.0	V	237.0	7.4
2485.000000	---	42.48	54.00	11.52	150.0	V	201.0	7.4

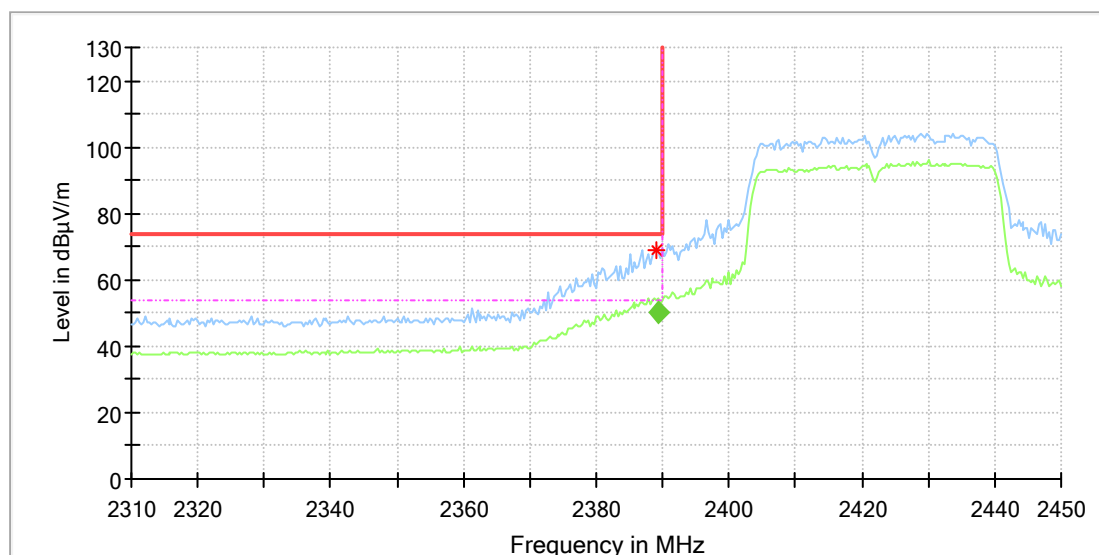
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

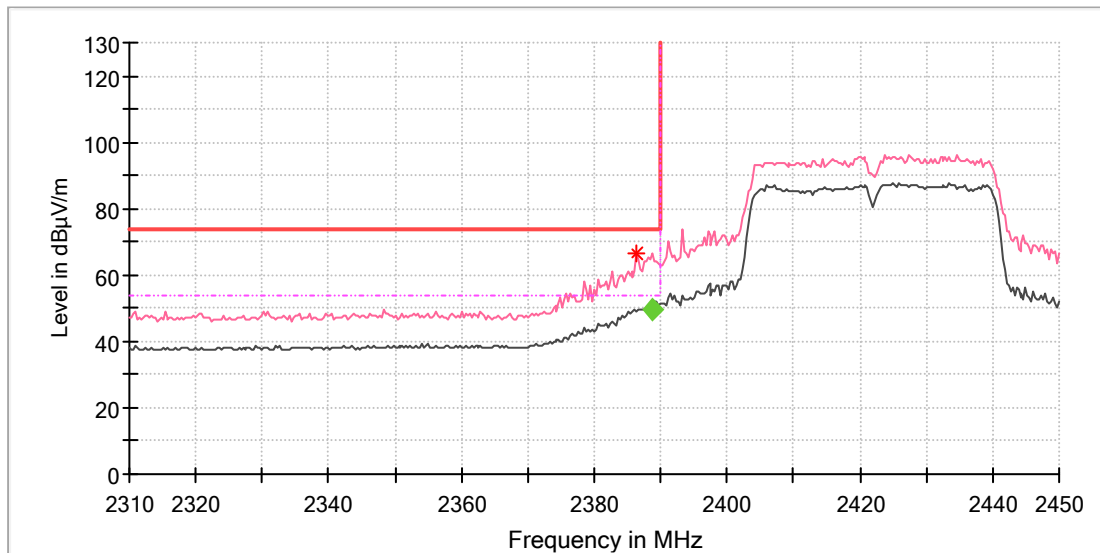
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	69.13	---	74.00	4.87	150.0	H	156.0	7.0

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.410882	50.30	54.00	3.70	145.0	H	178.0	7.0

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

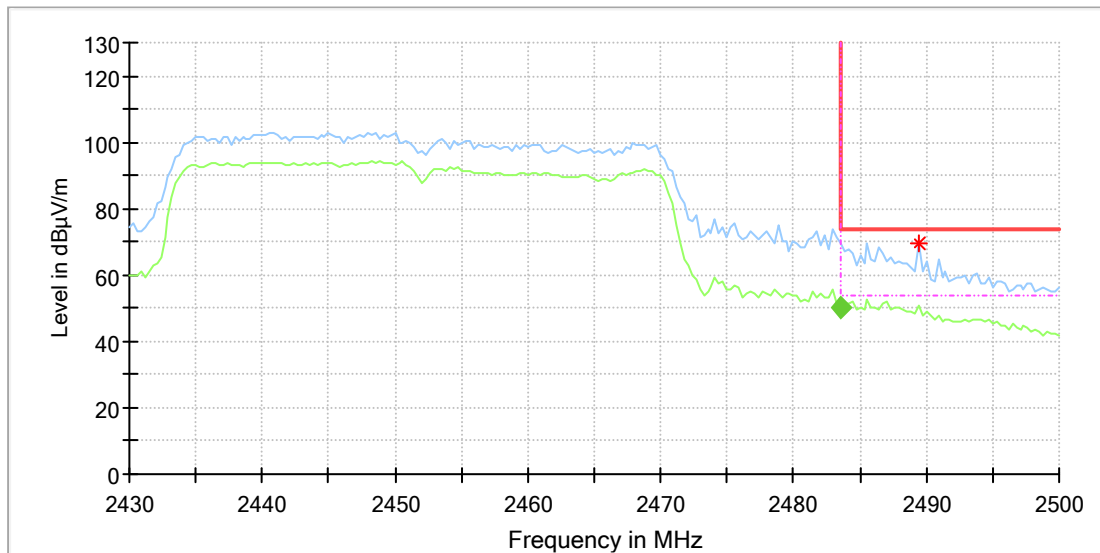
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	66.54	---	74.00	7.46	150.0	V	292.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823382	49.56	54.00	4.44	145.0	V	295.0	7.0

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

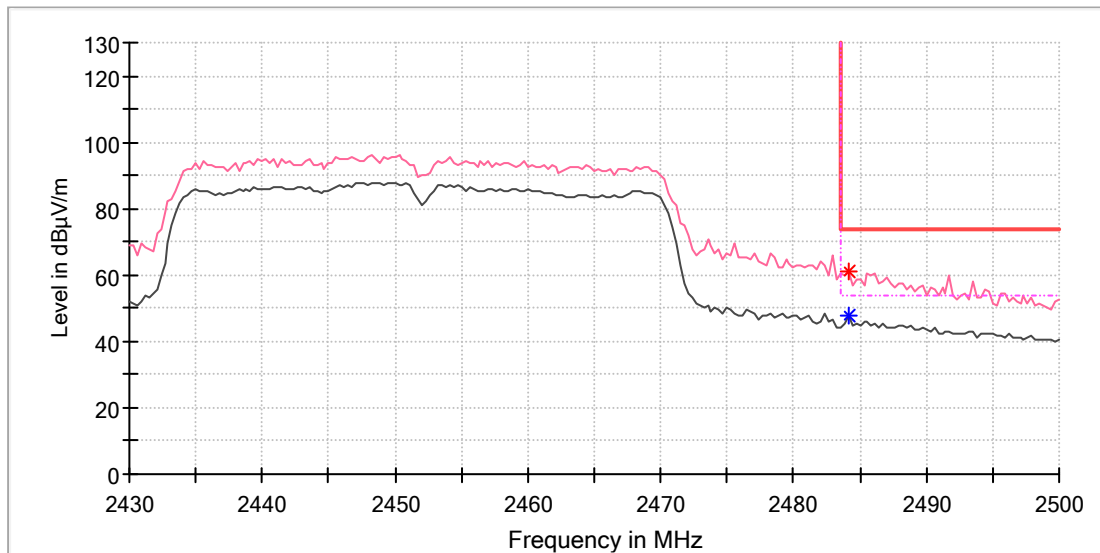
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2489.411765	69.37	---	74.00	4.63	150.0	H	155.0	7.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.548532	50.35	54.00	3.65	145.0	H	140.0	7.4

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
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	61.28	---	74.00	12.72	150.0	V	282.0	7.4
2484.117647	---	47.54	54.00	6.46	150.0	V	282.0	7.4

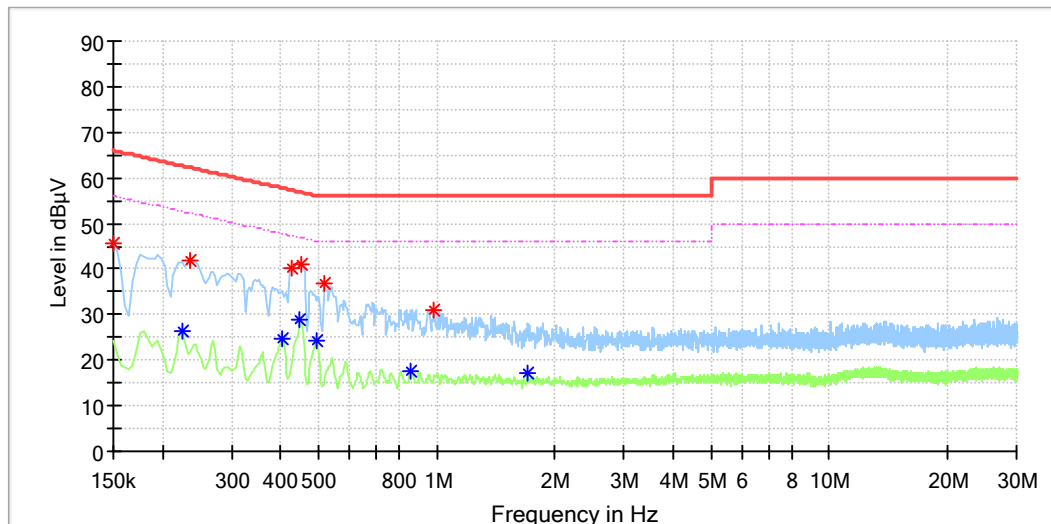
Final Result

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

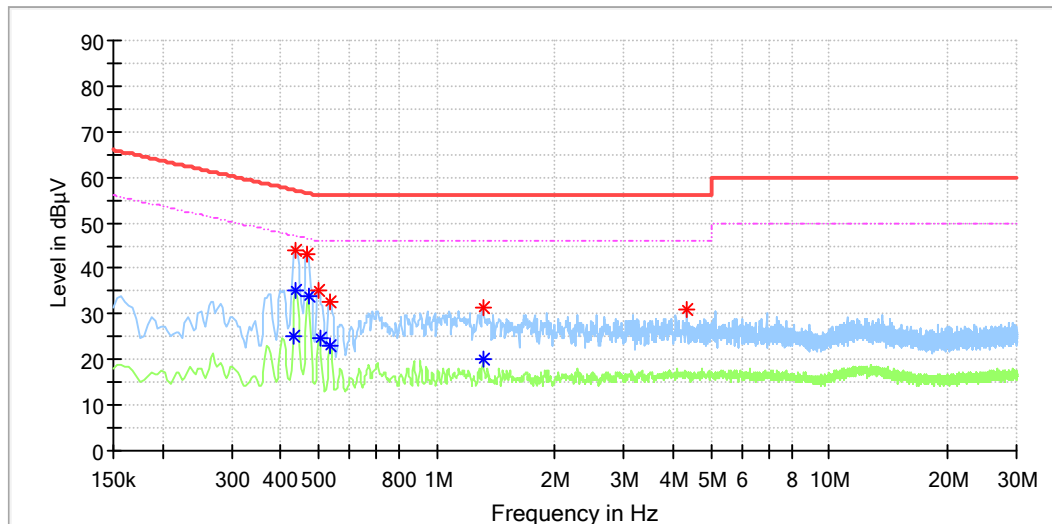


Critical Freqs

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 WIFI
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