

11A_Ant3_5745



11A_Ant3_5785

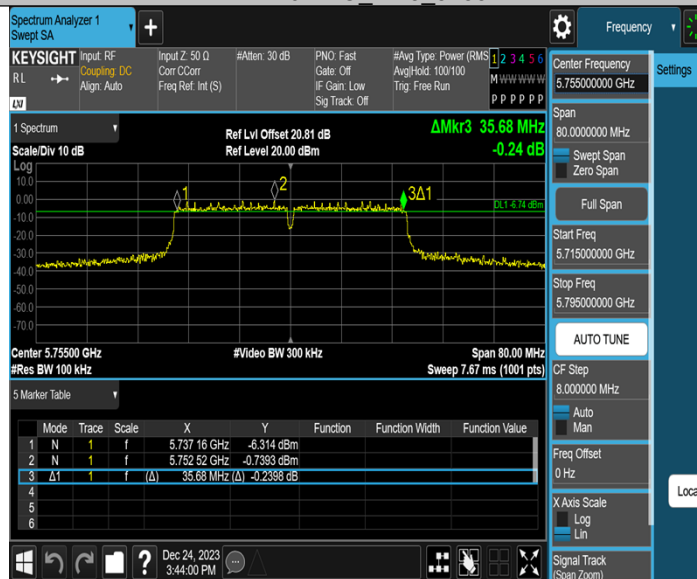


11A_Ant3_5825





11N40SISO_Ant3_5755



11N40SISO_Ant3_5795



11AC20SISO_Ant3_5745







Appendix B.5: Test Results of Radiated Spurious Emissions

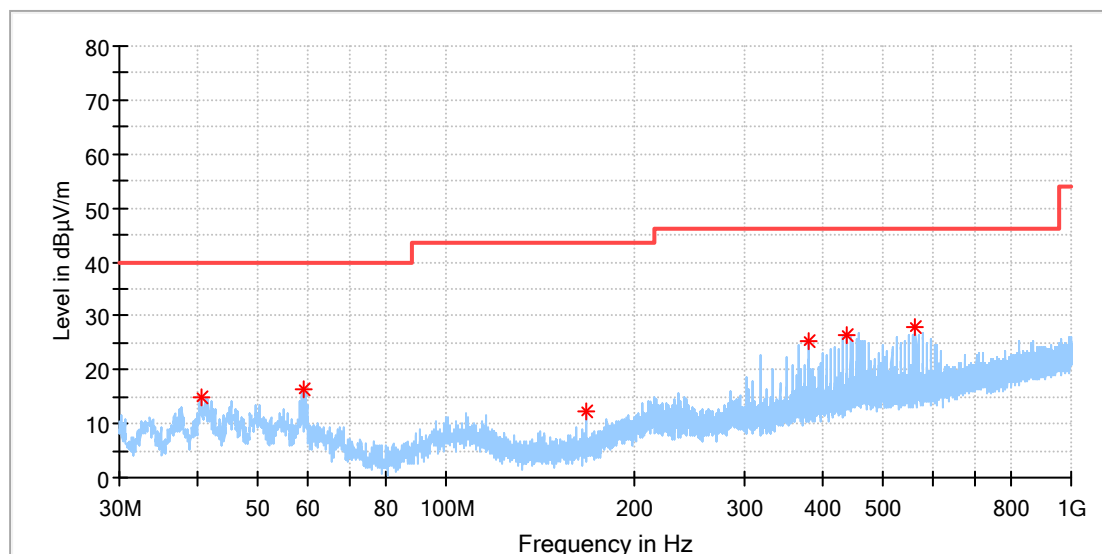
Note:

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

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

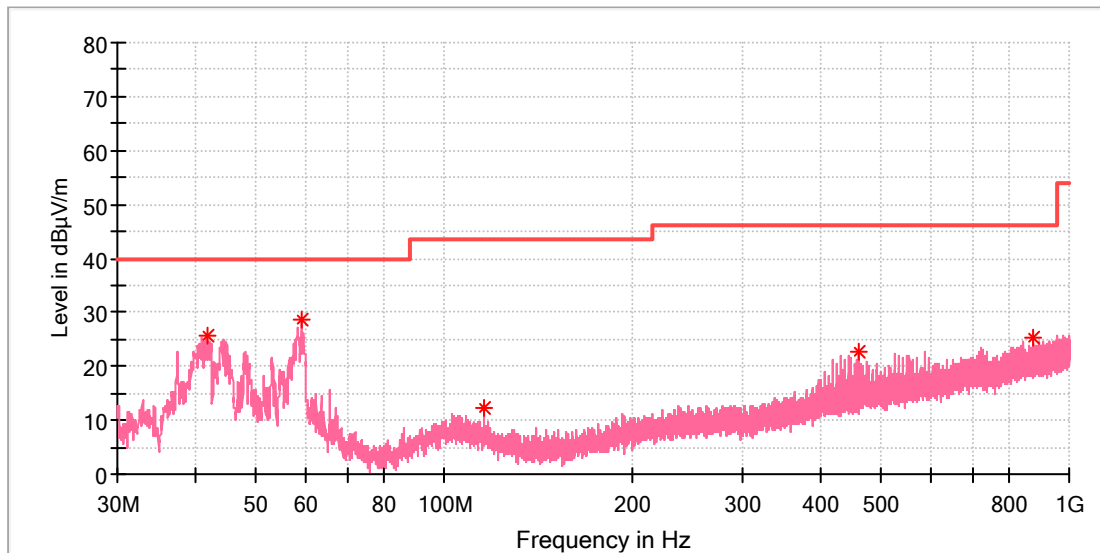
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.483462	14.95	40.00	25.05	100.0	H	0.0	-20.3
59.211923	16.27	40.00	23.73	100.0	H	102.0	-19.2
168.001154	12.16	43.50	31.34	100.0	H	168.0	-21.7
381.475769	25.41	46.00	20.59	100.0	H	201.0	-14.5
436.206154	26.45	46.00	19.55	100.0	H	27.0	-13.5
564.283462	27.73	46.00	18.27	100.0	H	144.0	-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 5G_11a_Ch157
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.677308	25.68	40.00	14.32	100.0	V	248.0	-20.0
59.100000	28.80	40.00	11.20	100.0	V	231.0	-19.2
115.621154	12.19	43.50	31.31	100.0	V	181.0	-20.2
460.791923	22.79	46.00	23.21	100.0	V	53.0	-13.1
874.347692	25.29	46.00	20.71	100.0	V	0.0	-5.6

Final Result

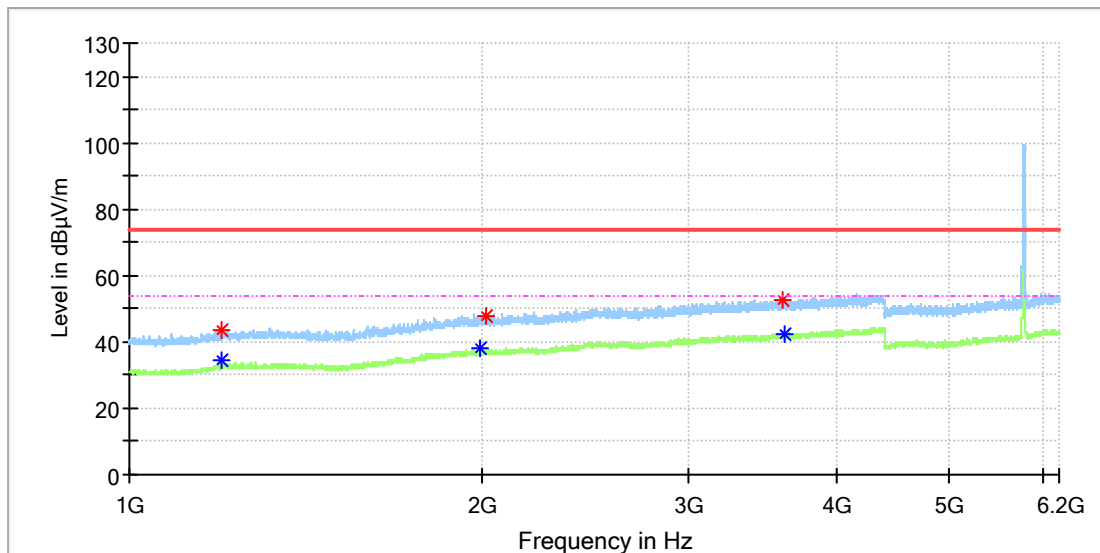
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

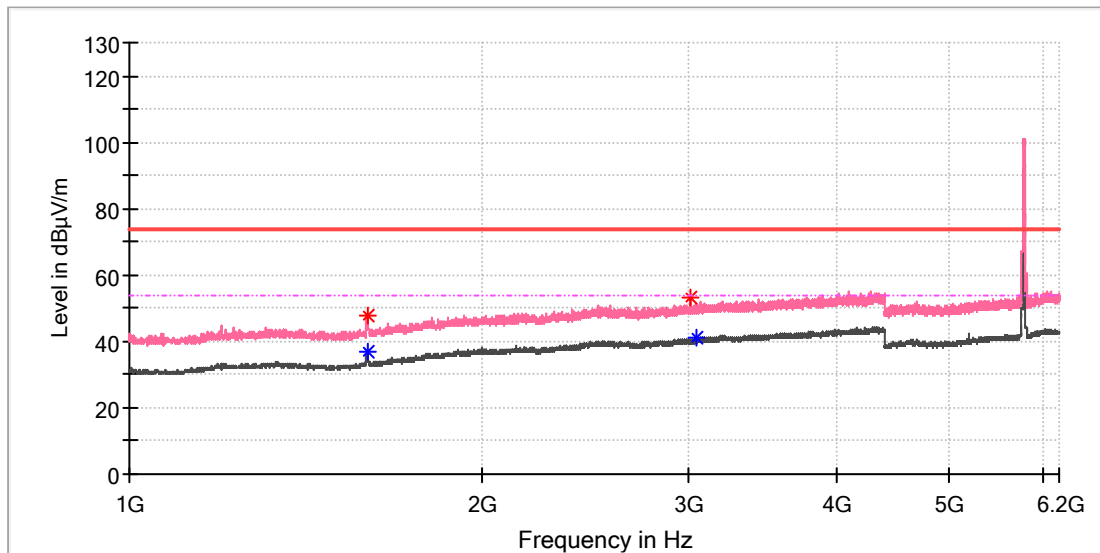
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.000000	43.78	---	74.00	30.22	150.0	H	152.0	1.1
1200.000000	---	34.52	54.00	19.48	150.0	H	135.0	1.1
1991.500000	---	38.27	54.00	15.73	150.0	H	31.0	6.0
2012.500000	47.93	---	74.00	26.07	150.0	H	62.0	6.0
3603.000000	52.49	---	74.00	21.51	150.0	H	49.0	9.3
3618.000000	---	42.50	54.00	11.50	150.0	H	152.0	9.4

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 5G_11a_Ch157
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

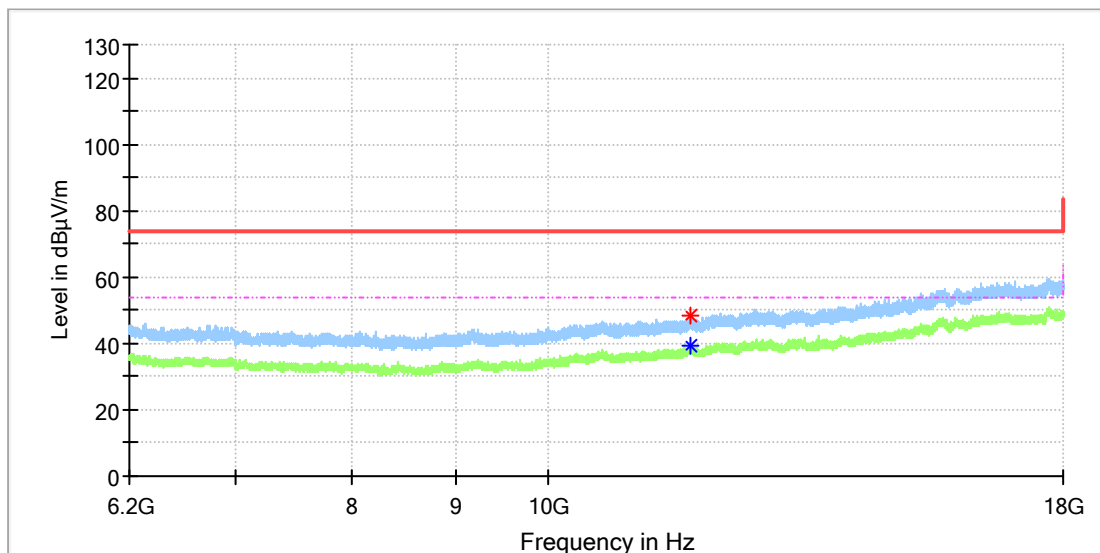
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1594.500000	---	36.92	54.00	17.08	150.0	V	288.0	2.0
1595.500000	47.90	---	74.00	26.10	150.0	V	269.0	2.0
3004.000000	53.38	---	74.00	20.62	150.0	V	288.0	8.5
3043.500000	---	41.20	54.00	12.80	150.0	V	14.0	8.6

Final Result

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

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

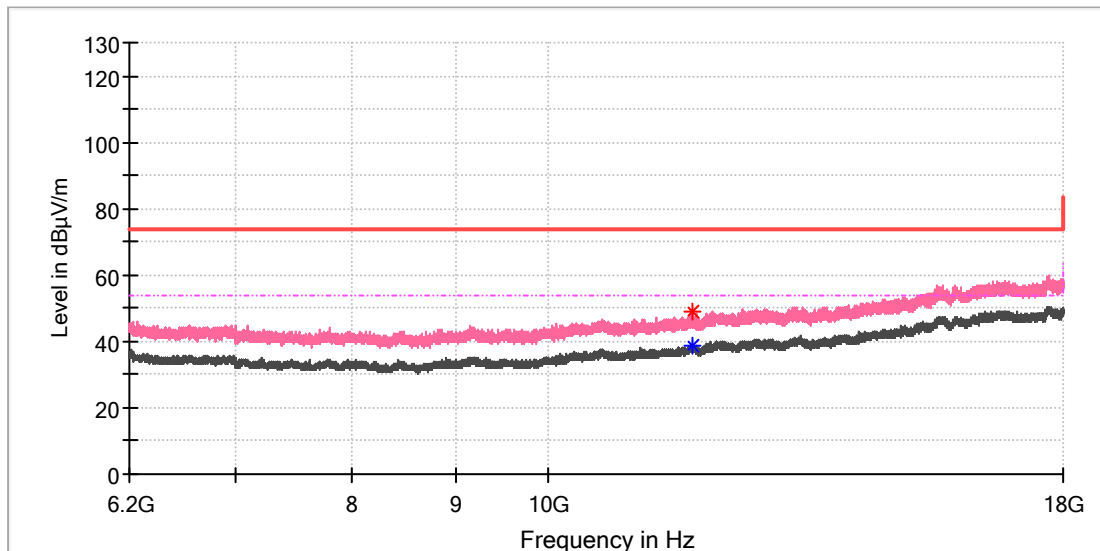
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11759.275000	48.46	---	74.00	25.54	150.0	H	302.0	13.4
11773.041667	---	39.12	54.00	14.88	150.0	H	0.0	13.4

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11a_Ch157
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

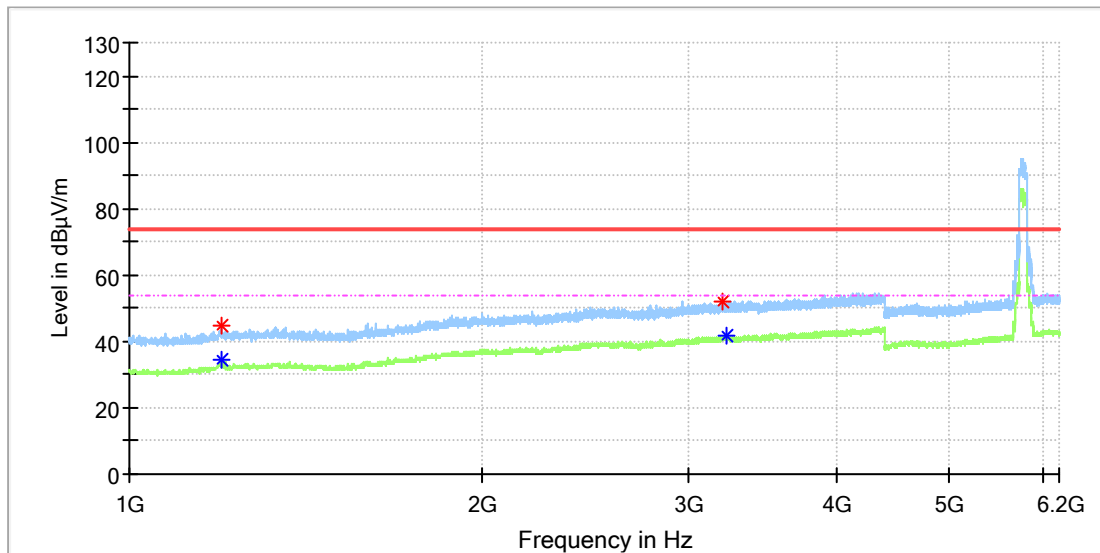
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11797.625000	---	38.89	54.00	15.11	150.0	V	120.0	13.4
11798.116667	48.89	---	74.00	25.11	150.0	V	20.0	13.4

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

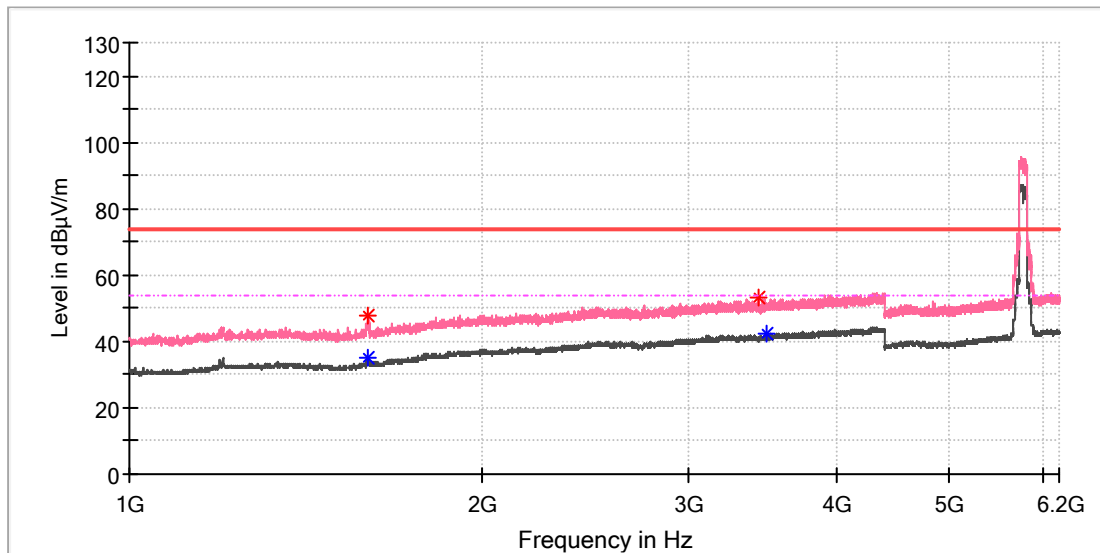
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.500000	---	34.61	54.00	19.39	150.0	H	203.0	1.1
1199.500000	44.56	---	74.00	29.44	150.0	H	203.0	1.1
3203.500000	51.93	---	74.00	22.07	150.0	H	196.0	8.6
3234.000000	---	41.56	54.00	12.44	150.0	H	163.0	8.5

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

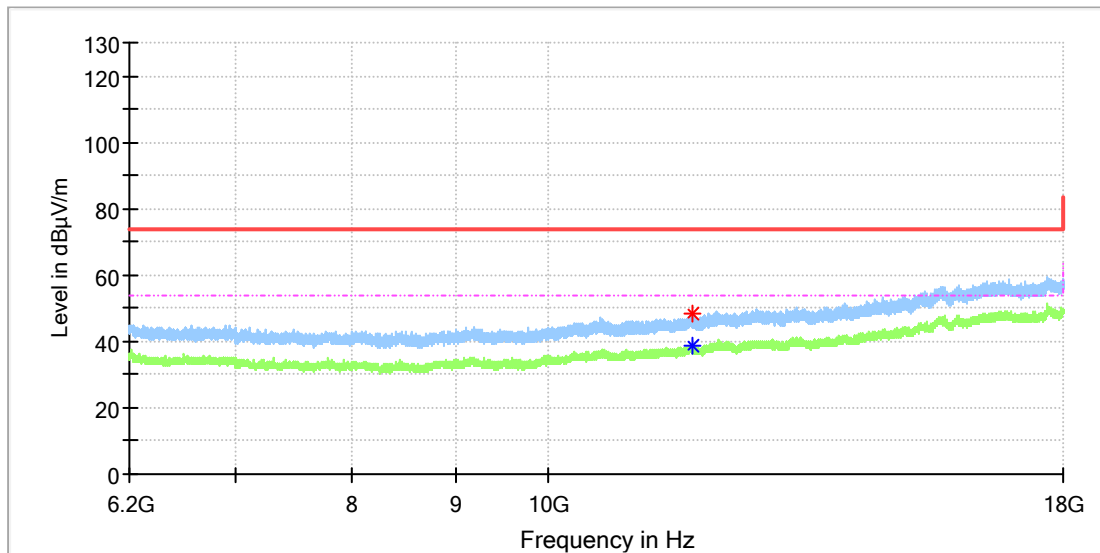
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1594.500000	---	35.11	54.00	18.89	150.0	V	281.0	2.0
1599.500000	47.99	---	74.00	26.01	150.0	V	302.0	2.1
3433.500000	53.46	---	74.00	20.54	150.0	V	0.0	8.8
3486.000000	---	42.09	54.00	11.91	150.0	V	155.0	8.9

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 5G_11ac80_Ch155
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

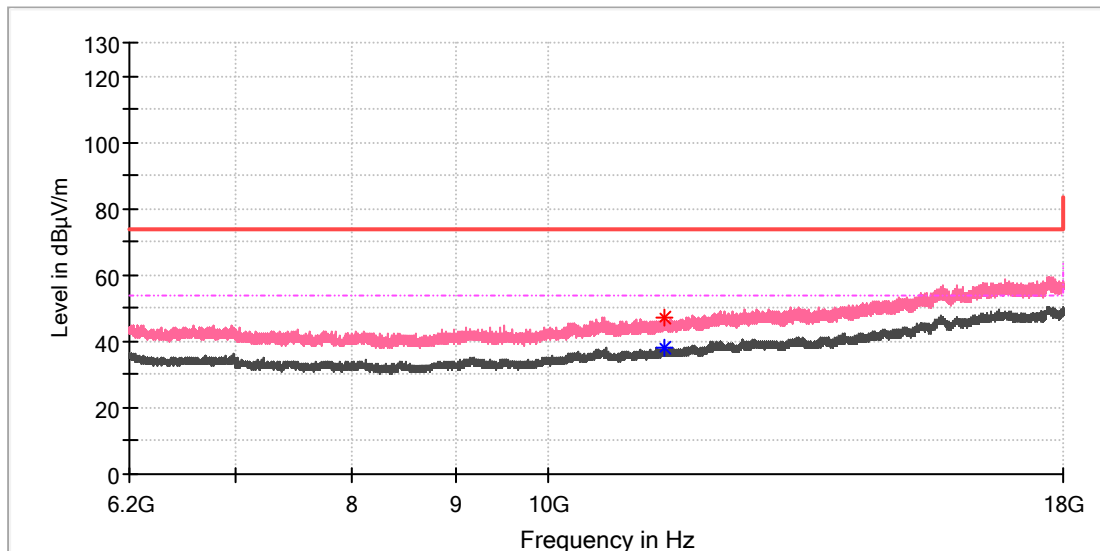
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11793.691667	48.14	---	74.00	25.86	150.0	H	6.0	13.4
11793.691667	---	38.80	54.00	15.20	150.0	H	6.0	13.4

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

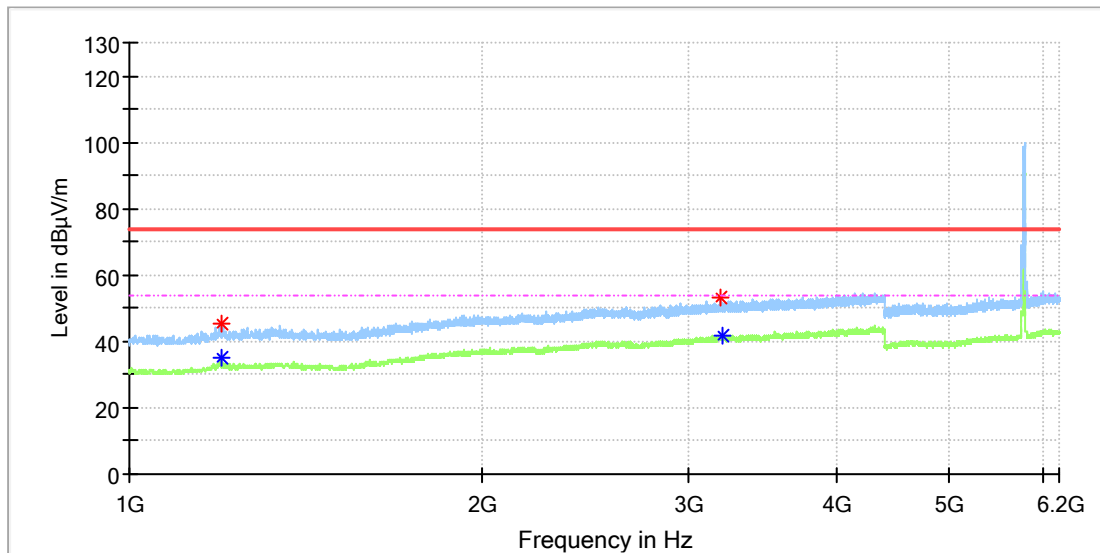
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11417.566667	---	37.94	54.00	16.06	150.0	V	67.0	13.0
11425.433333	47.26	---	74.00	26.74	150.0	V	178.0	13.1

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 5G_11n20_Ch157
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

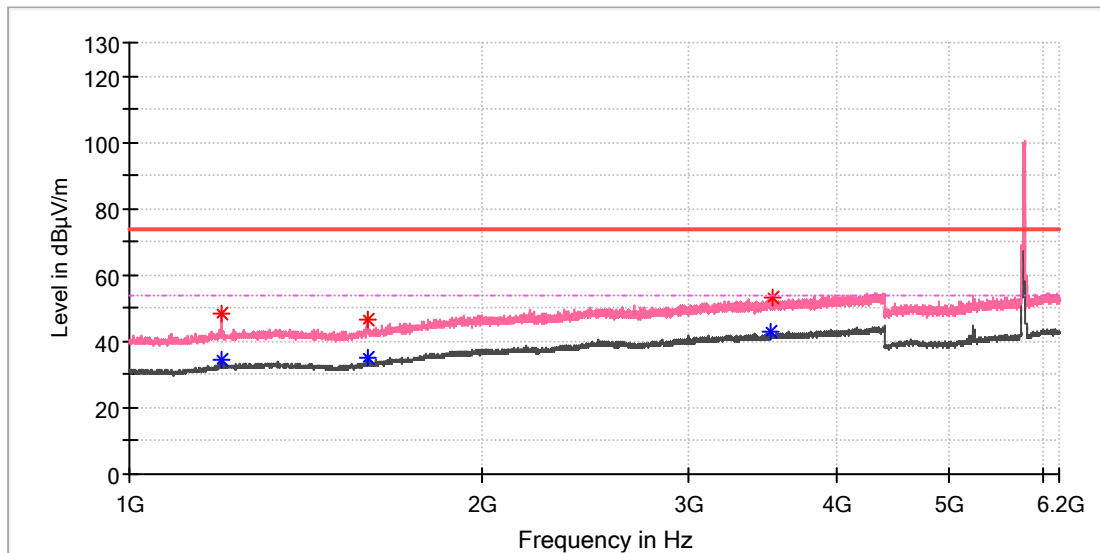
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.000000	45.57	---	74.00	28.43	150.0	H	210.0	1.1
1199.000000	---	35.03	54.00	18.97	150.0	H	210.0	1.1
3192.000000	53.34	---	74.00	20.66	150.0	H	111.0	8.6
3200.000000	---	41.91	54.00	12.09	150.0	H	179.0	8.6

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11n20_Ch157
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

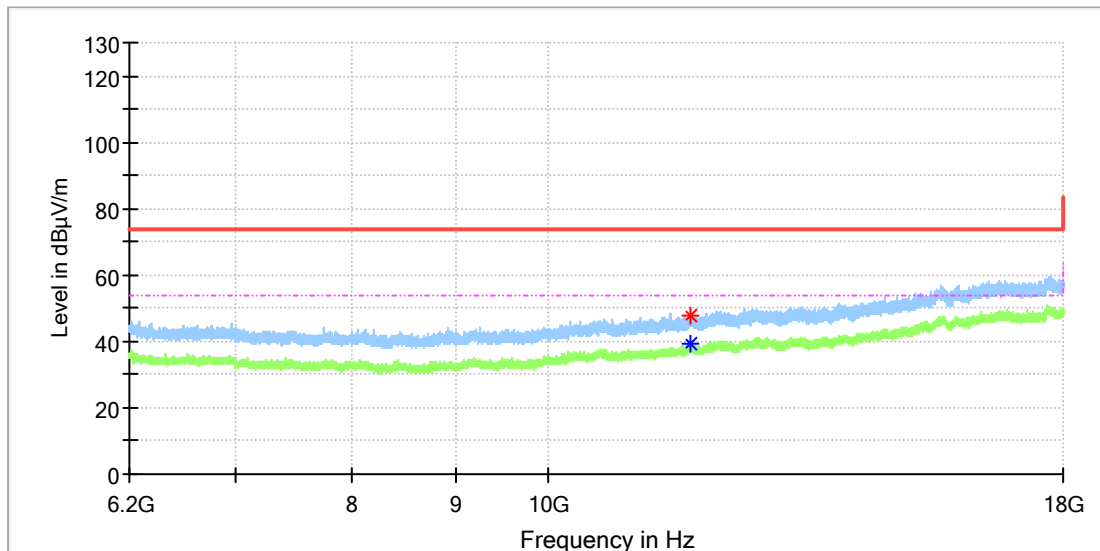
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.500000	48.45	---	74.00	25.55	150.0	V	334.0	1.1
1196.500000	---	34.53	54.00	19.47	150.0	V	334.0	1.1
1596.000000	---	35.20	54.00	18.80	150.0	V	308.0	2.0
1596.500000	46.50	---	74.00	27.50	150.0	V	282.0	2.1
3518.500000	---	42.76	54.00	11.24	150.0	V	54.0	9.1
3535.000000	52.94	---	74.00	21.06	150.0	V	110.0	9.1

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 5G_11n20_Ch157
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

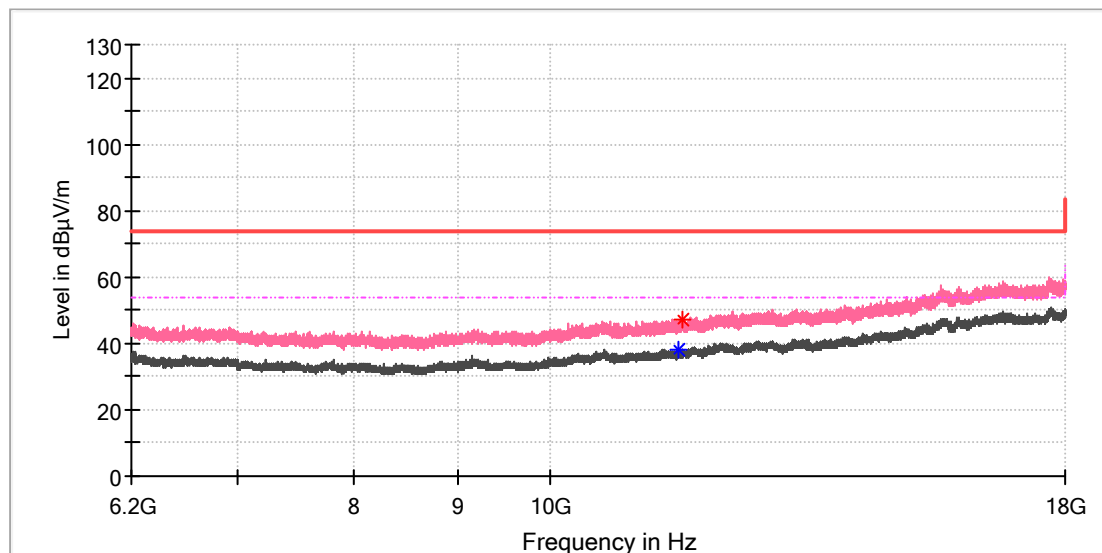
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11766.650000	47.68	---	74.00	26.32	150.0	H	260.0	13.4
11774.025000	---	39.34	54.00	14.66	150.0	H	200.0	13.4

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11n20_Ch157
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

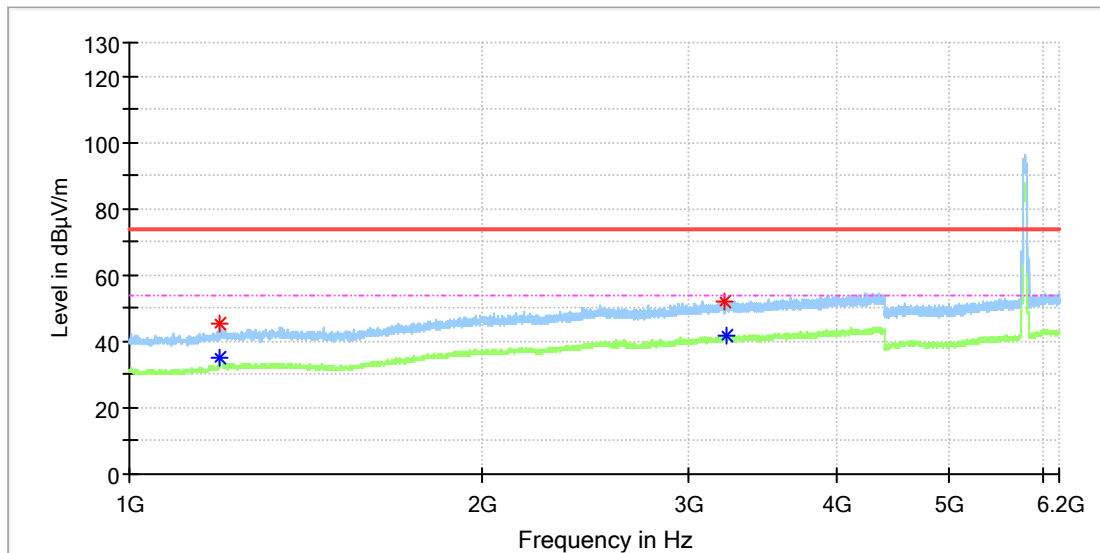
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11586.208333	---	37.98	54.00	16.02	150.0	V	20.0	13.3
11624.558333	47.46	---	74.00	26.54	150.0	V	163.0	13.3

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 5G_11n40_Ch159
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

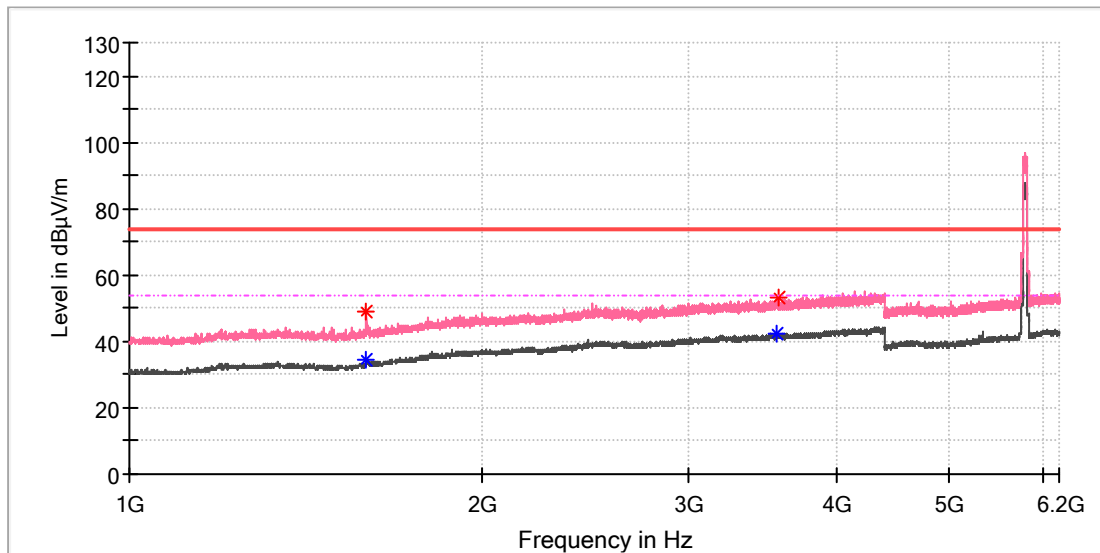
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	45.14	---	74.00	28.86	150.0	H	155.0	1.1
1195.500000	---	35.04	54.00	18.96	150.0	H	155.0	1.1
3209.500000	52.25	---	74.00	21.75	150.0	H	254.0	8.6
3226.000000	---	41.80	54.00	12.20	150.0	H	117.0	8.5

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

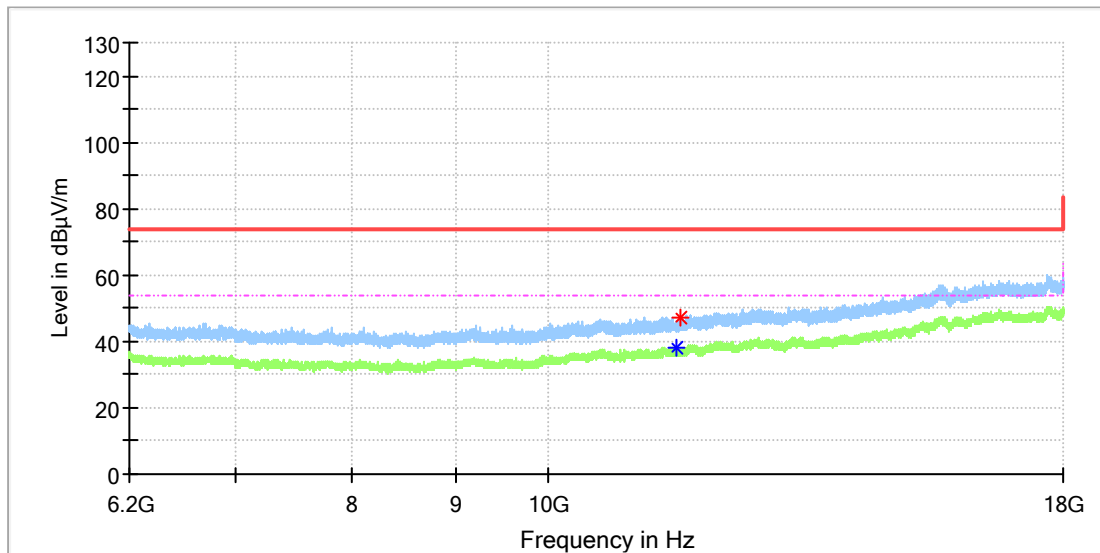
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.500000	49.19	---	74.00	24.81	150.0	V	304.0	2.0
1593.500000	---	34.74	54.00	19.26	150.0	V	304.0	2.0
3559.500000	---	42.35	54.00	11.65	150.0	V	88.0	9.2
3568.500000	53.14	---	74.00	20.86	150.0	V	106.0	9.2

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 5G_11n40_Ch159
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

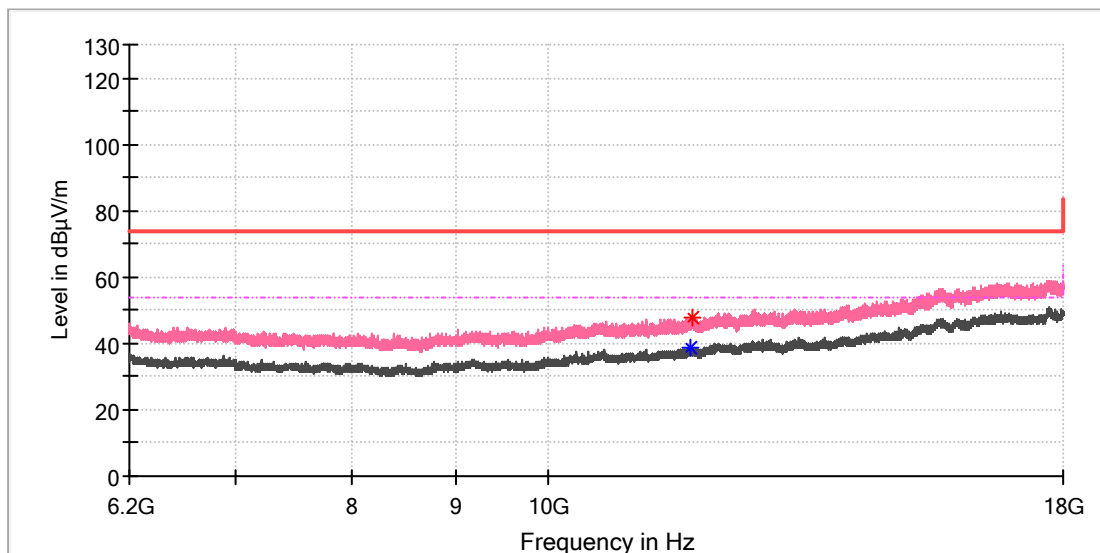
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11571.458333	---	38.08	54.00	15.92	150.0	H	286.0	13.4
11640.783333	47.31	---	74.00	26.69	150.0	H	163.0	13.3

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 5G_11n40_Ch159
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11765.175000	---	38.80	54.00	15.20	150.0	V	294.0	13.4
11796.641667	47.99	---	74.00	26.01	150.0	V	213.0	13.4

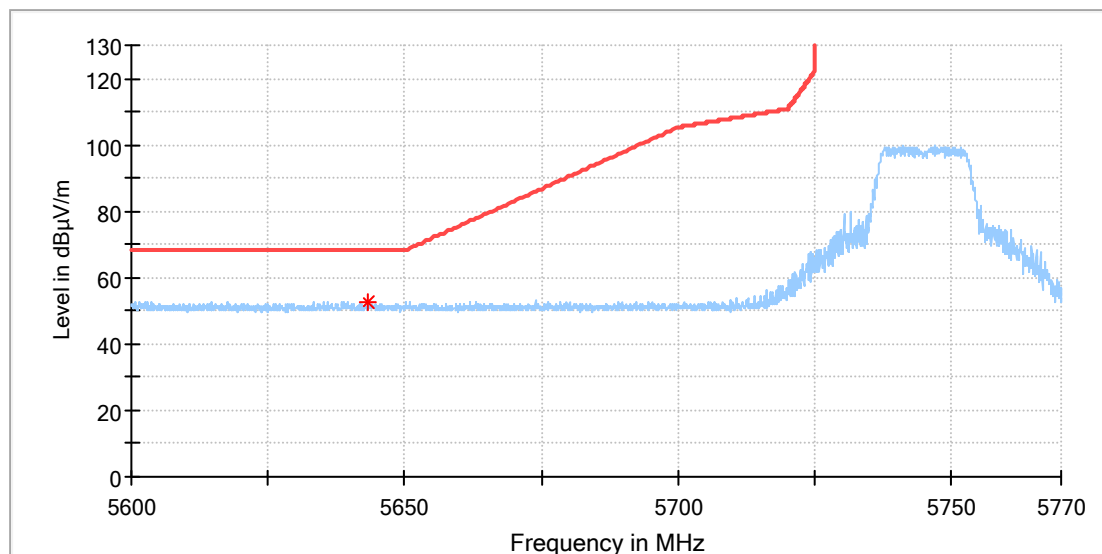
Final Result

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

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

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

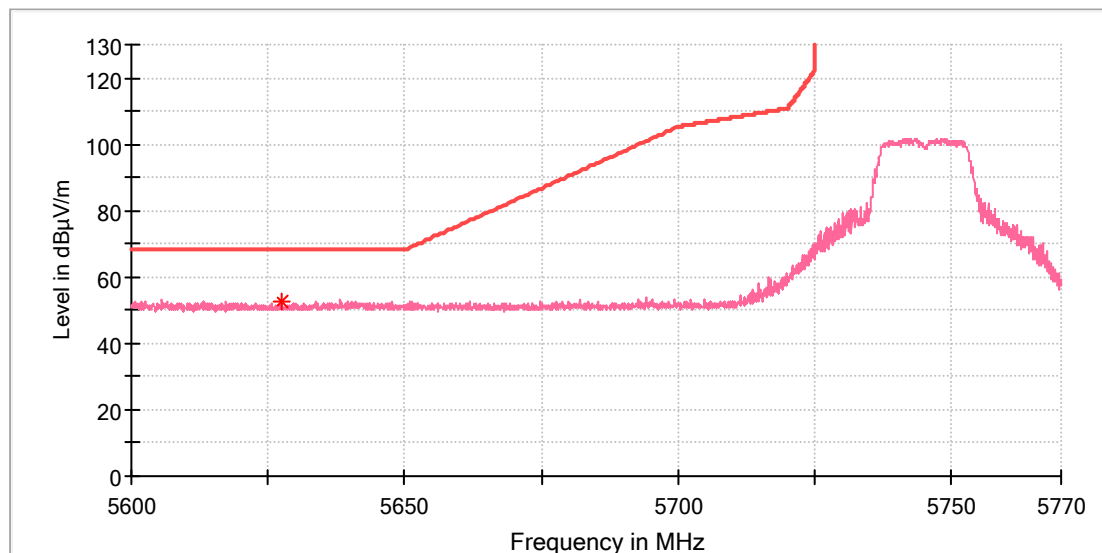
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5643.388889	52.84	68.20	15.36	150.0	H	319.0	13.8

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

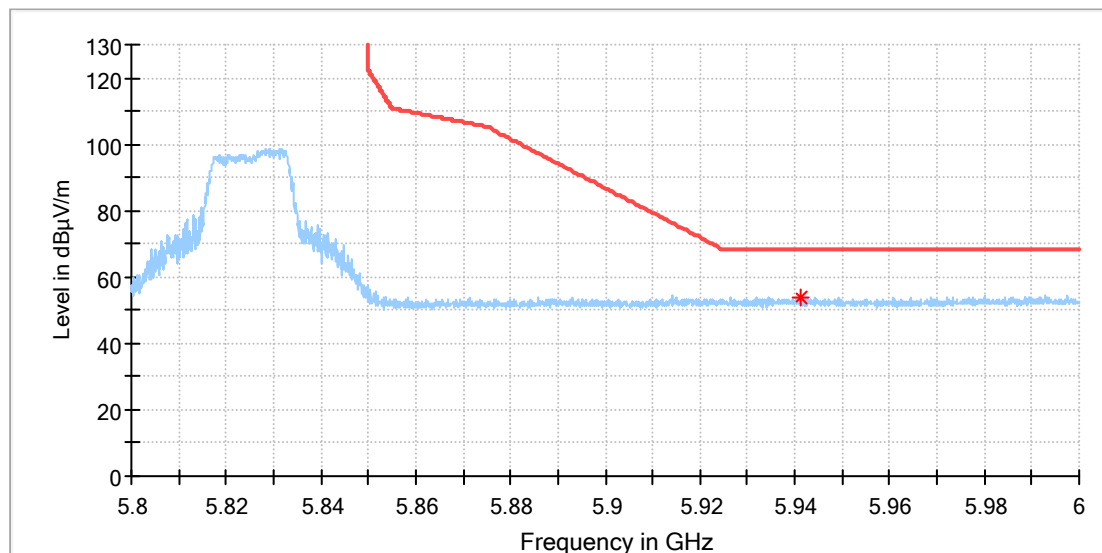
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5627.377778	52.89	68.20	15.31	150.0	V	264.0	13.8

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

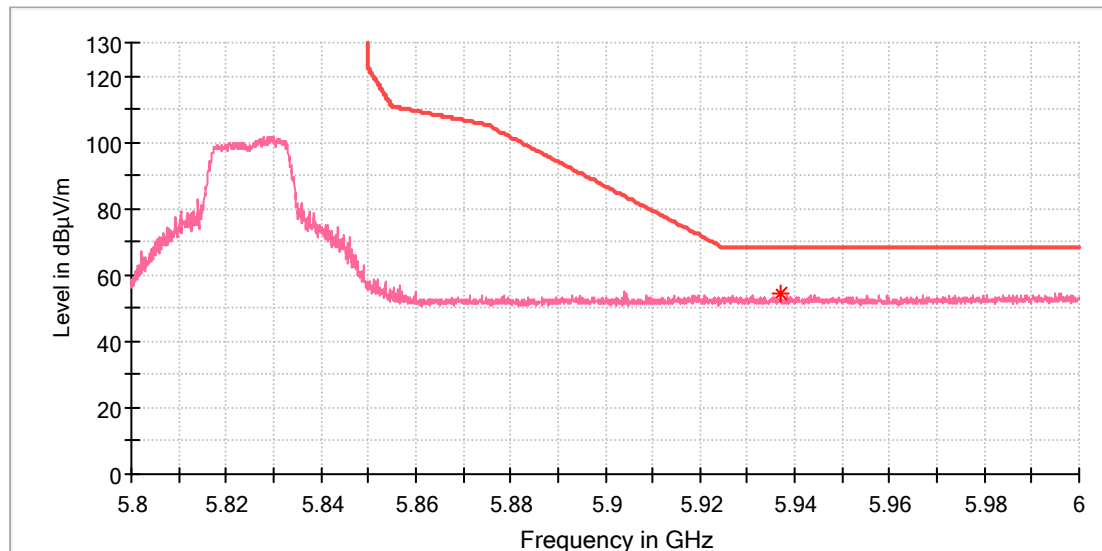
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5941.180556	53.86	68.20	14.34	150.0	H	221.0	14.7

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 5G_11a_Ch165
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

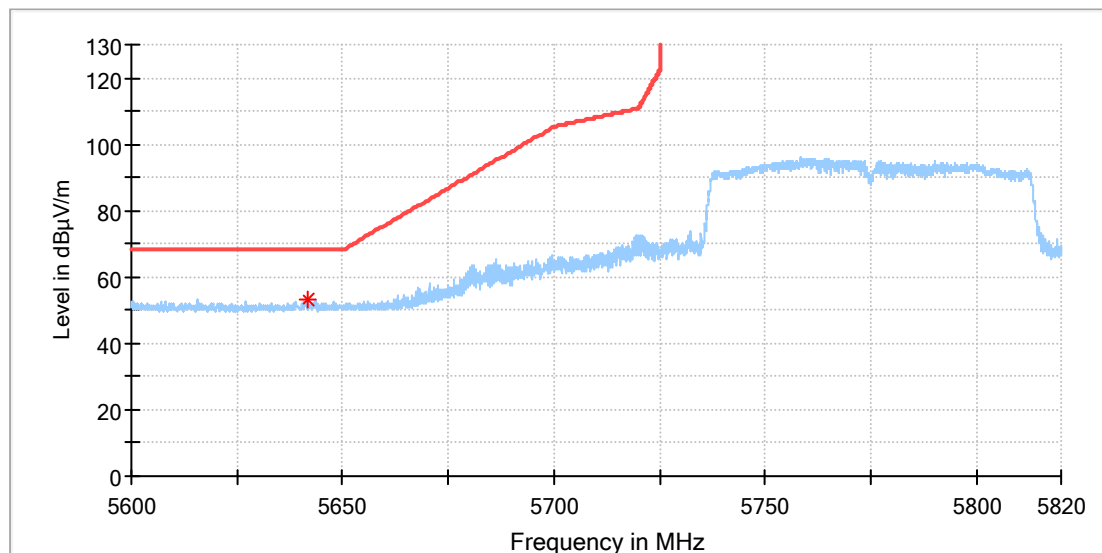
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5936.979167	54.18	68.20	14.02	150.0	V	319.0	14.7

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 5G_11ac80_Ch155
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

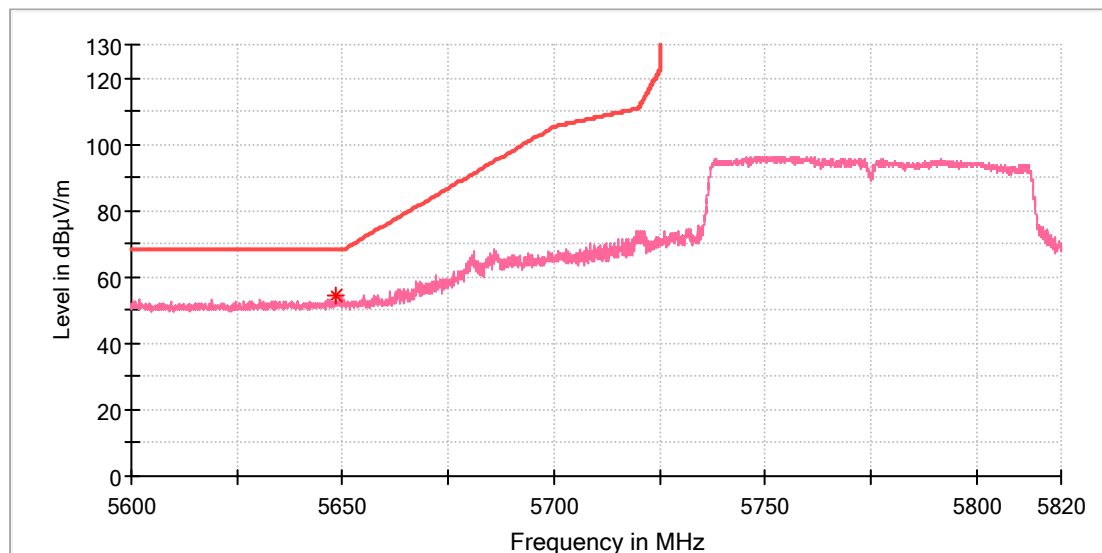
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5641.494445	53.34	68.20	14.86	150.0	H	43.0	13.8

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

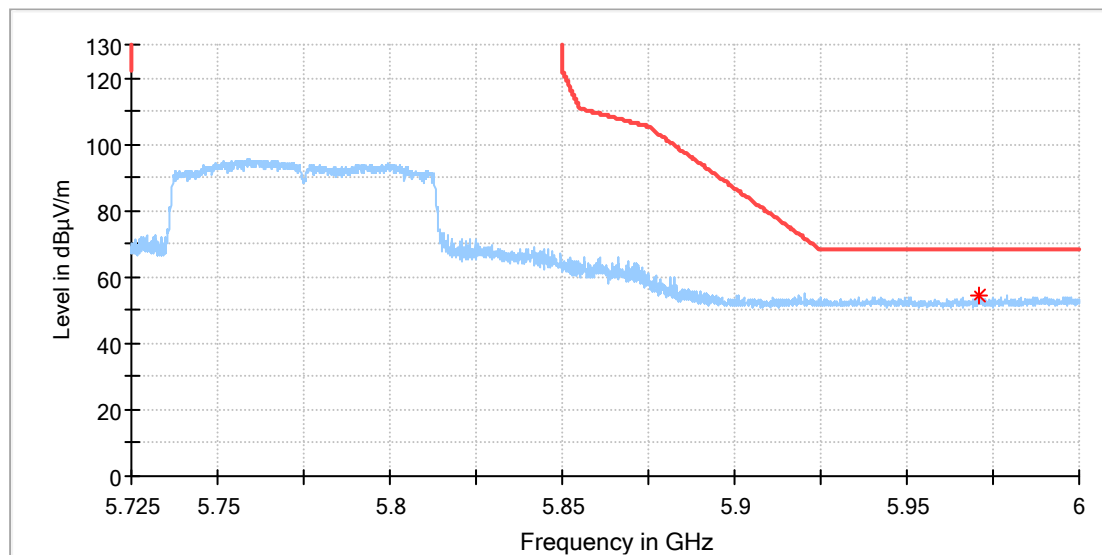
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.216667	54.18	68.20	14.02	150.0	V	109.0	13.8

Final Result

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

EUT Information

EUT Name:	DJI Avata 2
Model:	QF3W4K
Test Mode:	WIFI 5G_11ac80_Ch155
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

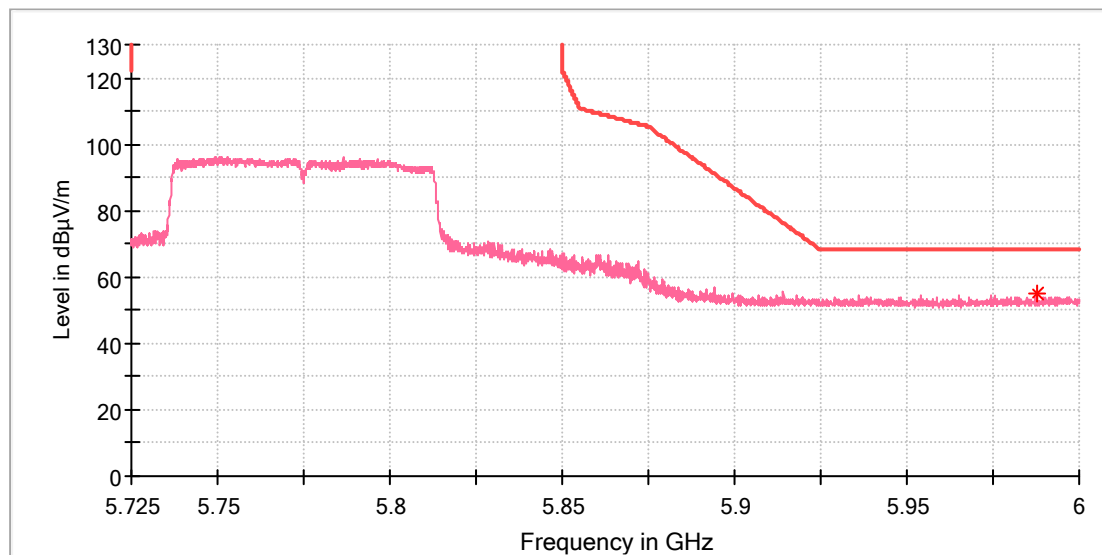
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5970.972222	54.62	68.20	13.58	150.0	H	46.0	14.9

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:	WIFI 5G_11ac80_Ch155
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

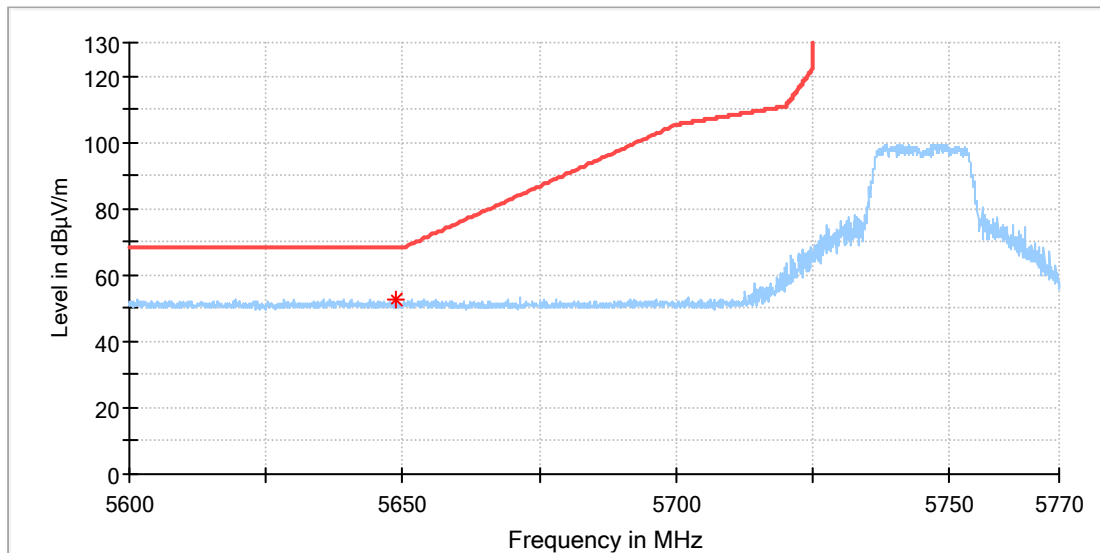
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5987.930556	54.80	68.20	13.40	150.0	V	359.0	15.0

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 5G_11n20_Ch149
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

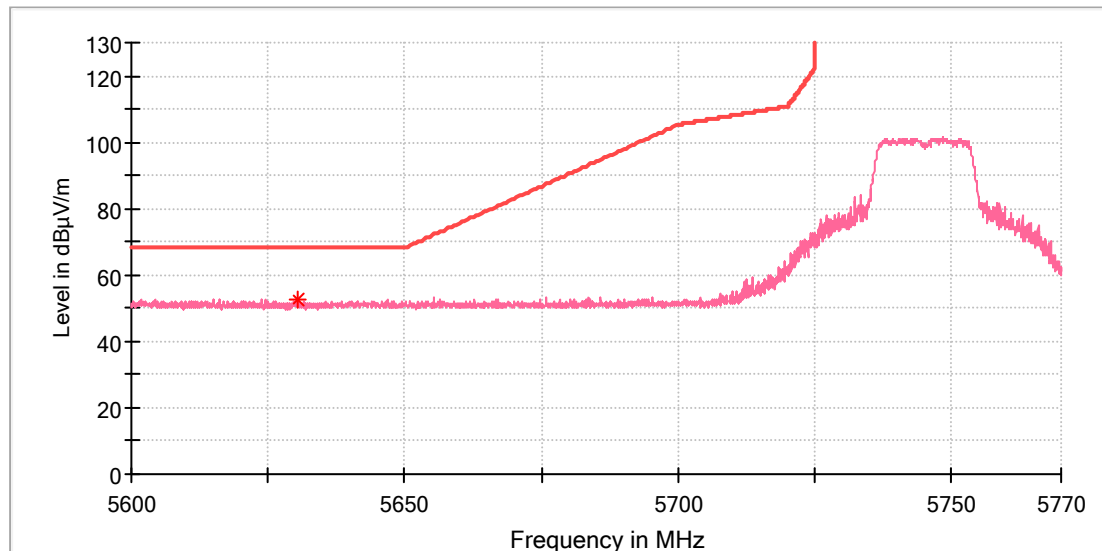
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.705556	52.57	68.20	15.63	150.0	H	174.0	13.8

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11n20_Ch149
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

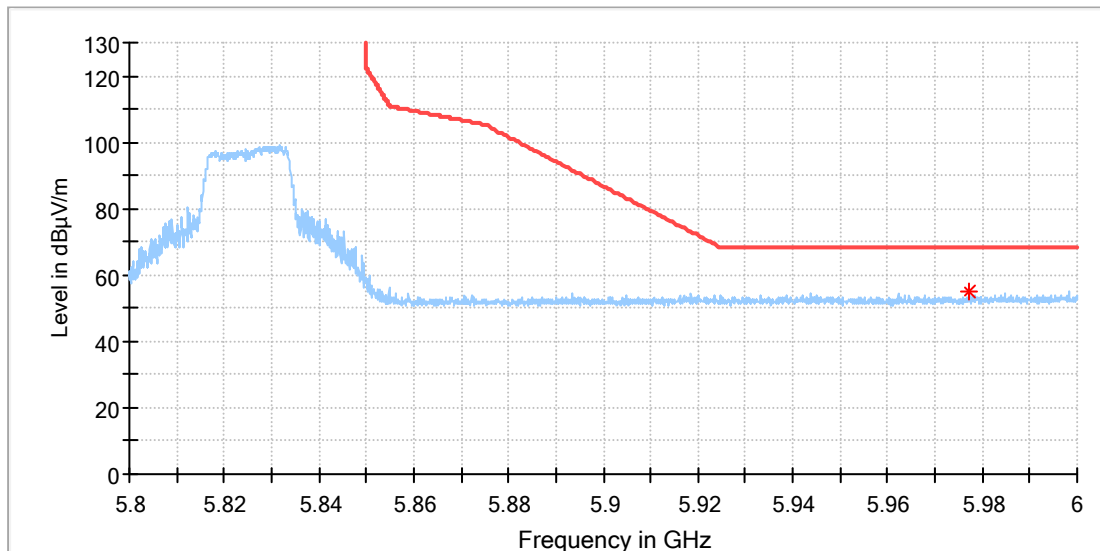
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5630.250000	52.42	68.20	15.78	150.0	V	139.0	13.8

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

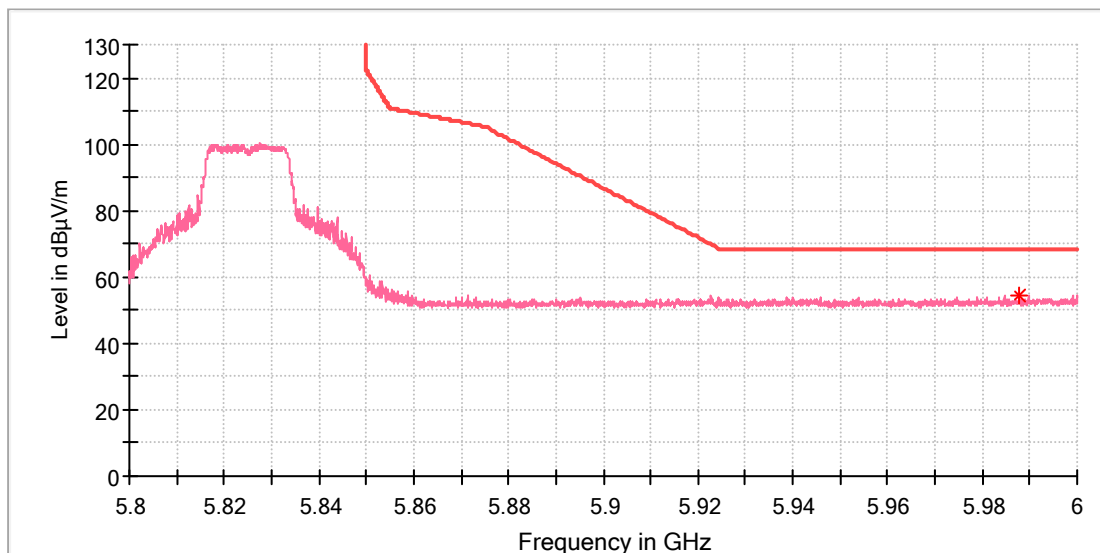
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5977.312500	54.88	68.20	13.32	150.0	H	63.0	14.9

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: WIFI 5G_11n20_Ch165
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

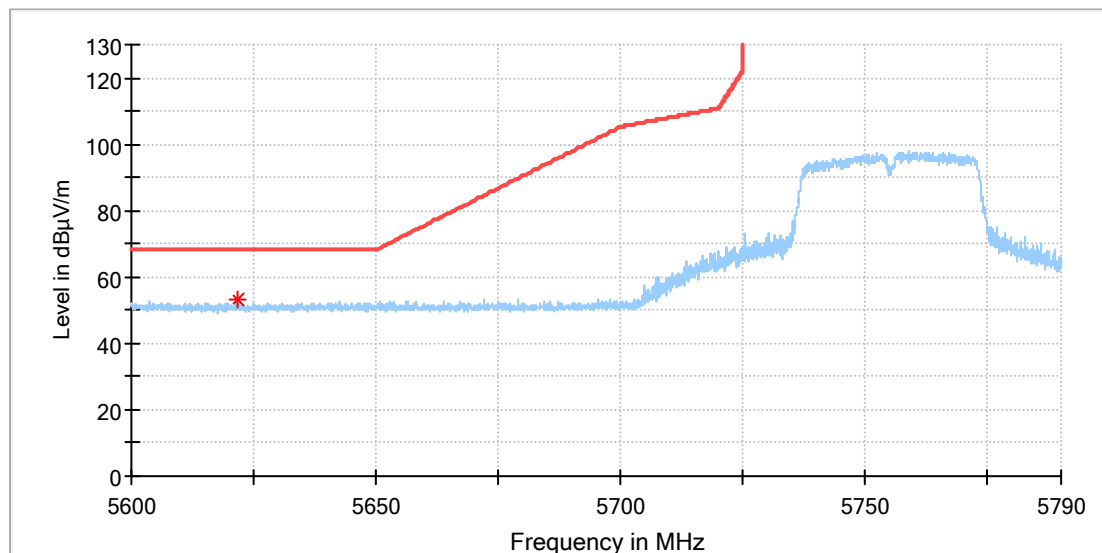
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5987.777778	54.37	68.20	13.83	150.0	V	295.0	15.0

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 5G_11n40_Ch151
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

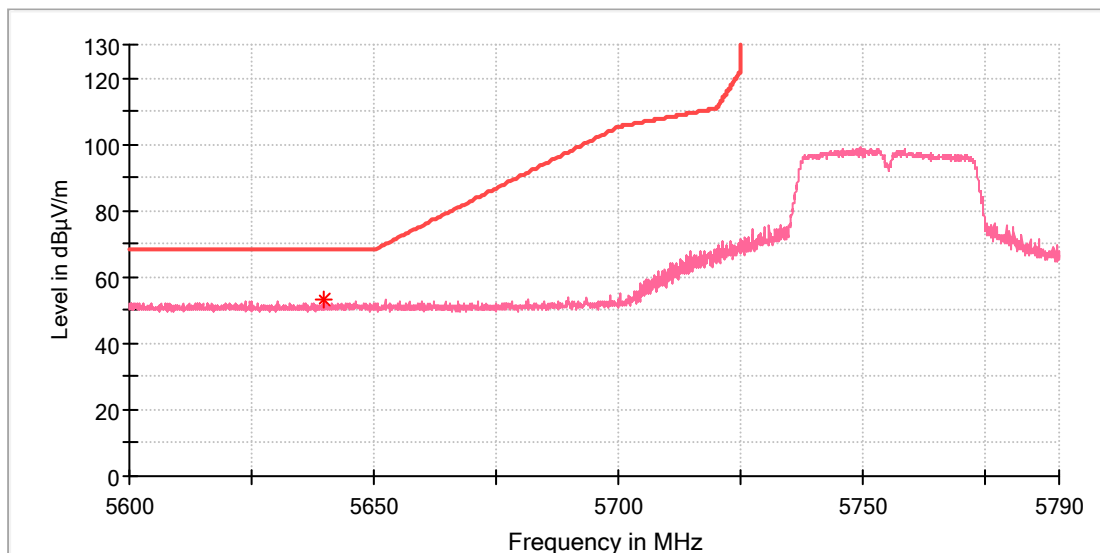
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5621.877778	52.93	68.20	15.27	150.0	H	287.0	13.8

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

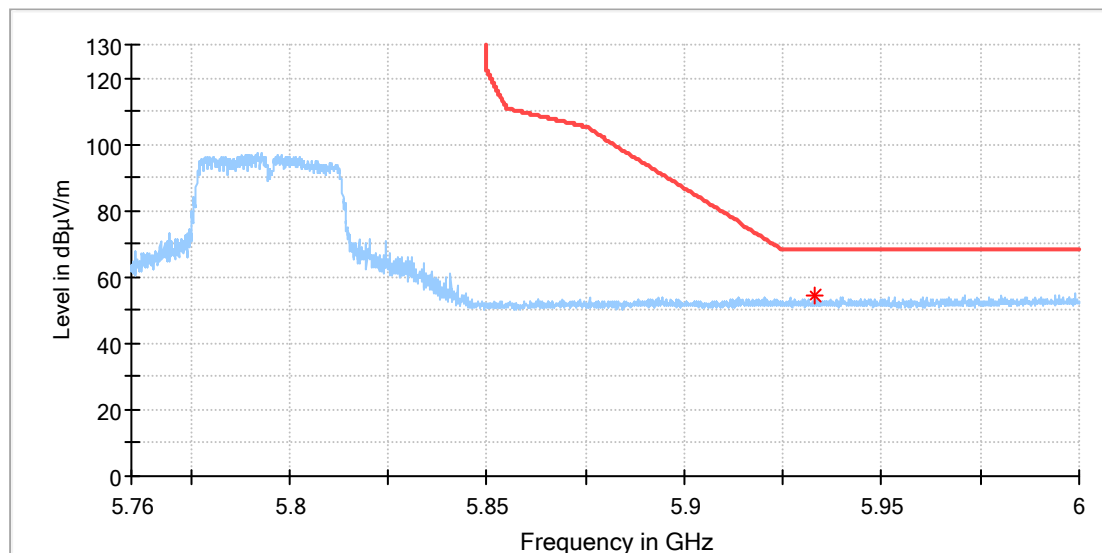
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5639.905556	53.45	68.20	14.75	150.0	V	209.0	13.8

Final Result

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

EUT Information

EUT Name: DJI Avata 2
Model: QF3W4K
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168438670/A003598699-012
Test Voltage: Battery
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

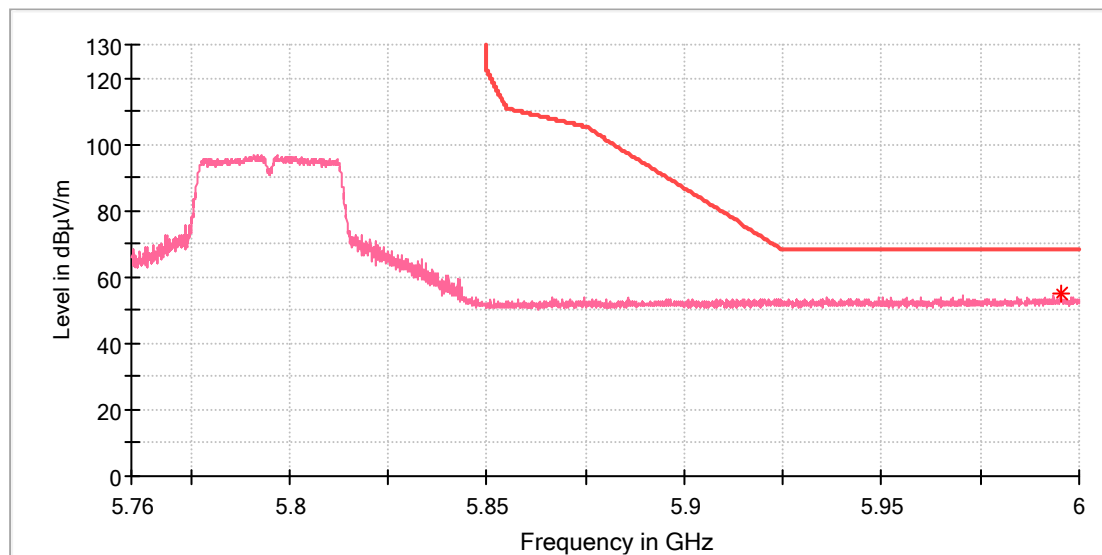
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5933.159722	54.48	68.20	13.72	150.0	H	328.0	14.7

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 5G_11n40_Ch159
Order No/Sample No:	168438670/A003598699-012
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5995.187500	54.95	68.20	13.25	150.0	V	24.0	15.0

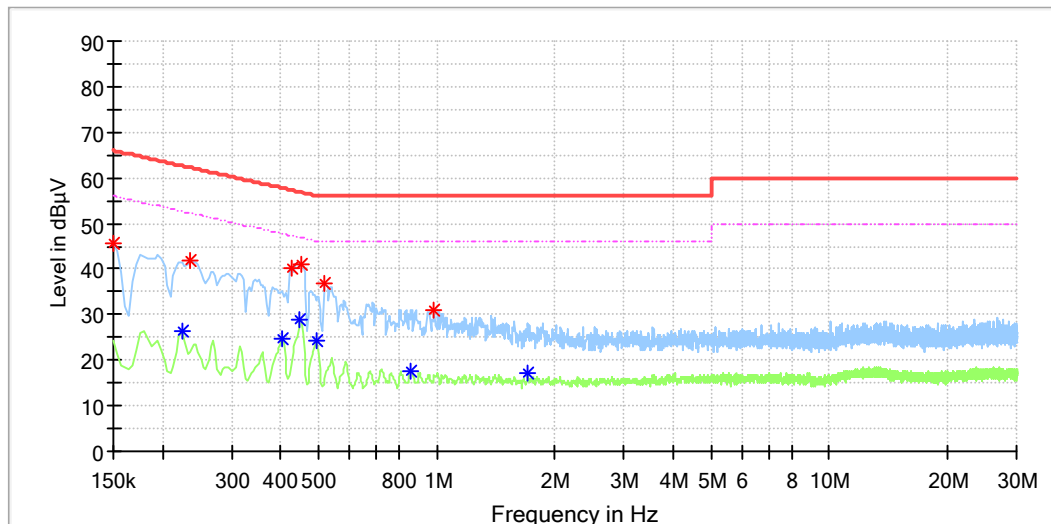
Final Result

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:	5G 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

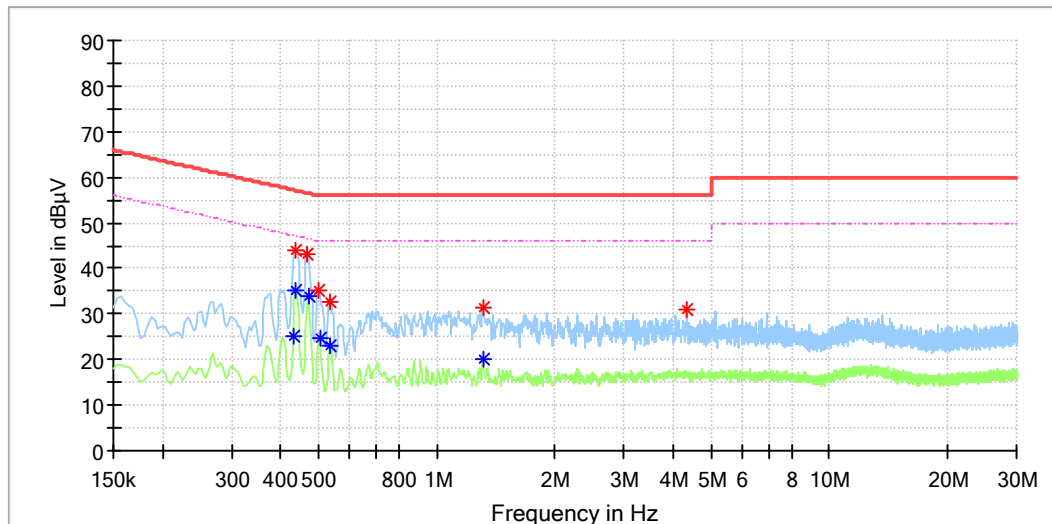


Critical Freqs

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: 5G 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