

Appendix C: Test Results of 5.2GHz Wi-Fi

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Appendix C.1: Test Results of Conducted Power Spectral Density

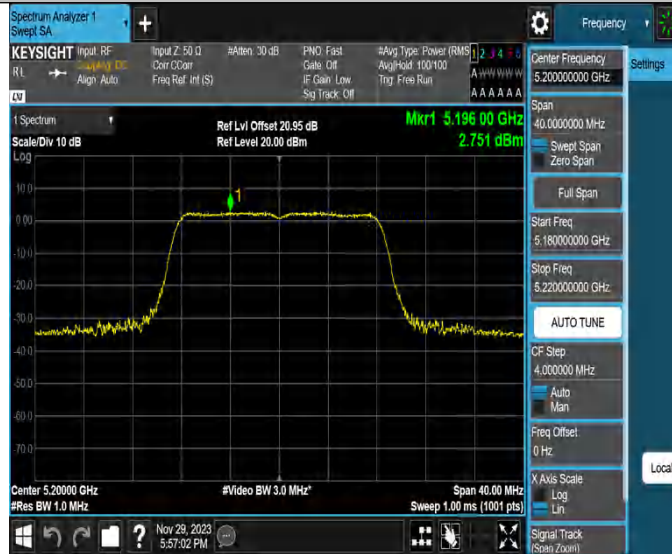
TestMode	Antenna	Channel	Conducted Result [dBm/MHz]	EIRP Result [dBm/MHz]	FCC Conducted Limit [dBm/MHz]	ISED EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	3.03	8.03	≤11.00	≤10.00	PASS
		5200	2.75	7.75	≤11.00	≤10.00	PASS
		5240	2.22	7.22	≤11.00	≤10.00	PASS
11N20SISO	Ant1	5180	3.21	8.21	≤11.00	≤10.00	PASS
		5200	2.95	7.95	≤11.00	≤10.00	PASS
		5240	1.61	6.61	≤11.00	≤10.00	PASS
11N40SISO	Ant1	5190	0.24	5.24	≤11.00	≤10.00	PASS
		5230	-1.31	3.69	≤11.00	≤10.00	PASS
11AC20SISO	Ant1	5180	2.83	7.83	≤11.00	≤10.00	PASS
		5200	3.10	8.1	≤11.00	≤10.00	PASS
		5240	2.06	7.06	≤11.00	≤10.00	PASS
11AC40SISO	Ant1	5190	0.03	5.03	≤11.00	≤10.00	PASS
		5230	-1.21	3.79	≤11.00	≤10.00	PASS
11AC80SISO	Ant1	5210	-2.95	2.05	≤11.00	≤10.00	PASS

Note: The antenna Gain is 5dBi.

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



Appendix C.2: Test Results of Frequency Stability

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant1	5180	NV	NT	-5000.00	-0.965251	20	PASS
		5200	NV	NT	-5000.00	-0.961538	20	PASS
		5240	NV	NT	-5000.00	-0.954198	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-5000.00	-0.963391	20	PASS
		5230	NV	NT	-5000.00	-0.956023	20	PASS
11AC80SISO	Ant1	5210	NV	NT	-5000.00	-0.959693	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant1	5180	NV	0	-6000.00	-1.158301	20	PASS
			NV	40	-5000.00	-0.965251	20	PASS
		5200	NV	0	-5000.00	-0.961538	20	PASS
			NV	40	-5000.00	-0.961538	20	PASS
		5240	NV	0	-5000.00	-0.954198	20	PASS
			NV	40	-5000.00	-0.954198	20	PASS
11AC40SISO	Ant1	5190	NV	0	-5000.00	-0.963391	20	PASS
			NV	40	-6000.00	-1.156069	20	PASS
		5230	NV	0	-6000.00	-1.147228	20	PASS
			NV	40	-6000.00	-1.147228	20	PASS
11AC80SISO	Ant1	5210	NV	0	-5000.00	-0.959693	20	PASS
			NV	40	-5000.00	-0.959693	20	PASS

Appendix C.3: Test Results of 26dB Bandwidth

TestMode	Antenna	Channel	26db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	24.840	5167.280	5192.120	---	PASS
		5200	23.240	5188.520	5211.760	---	PASS
		5240	23.560	5227.000	5250.560	---	PASS
11N20SISO	Ant1	5180	22.520	5169.920	5192.440	---	PASS
		5200	27.080	5186.120	5213.200	---	PASS
		5240	24.440	5228.760	5253.200	---	PASS
11N40SISO	Ant1	5190	44.800	5167.680	5212.480	---	PASS
		5230	48.960	5205.680	5254.640	---	PASS
11AC20SISO	Ant1	5180	24.320	5166.400	5190.720	---	PASS
		5200	27.080	5185.520	5212.600	---	PASS
		5240	25.720	5226.360	5252.080	---	PASS
11AC40SISO	Ant1	5190	50.400	5165.520	5215.920	---	PASS
		5230	49.200	5206.720	5255.920	---	PASS
11AC80SISO	Ant1	5210	89.920	5165.360	5255.280	---	PASS

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



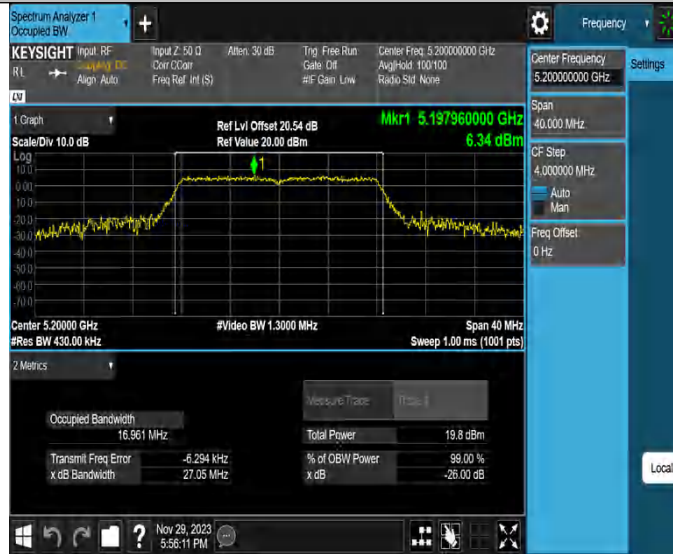
Appendix C.4: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	17.008	5171.4661	5188.4741	---	PASS
		5200	16.961	5191.5132	5208.4742	---	PASS
		5240	17.003	5231.4728	5248.4758	---	PASS
11N20SISO	Ant1	5180	17.890	5171.0366	5188.9266	---	PASS
		5200	17.933	5191.0267	5208.9597	---	PASS
		5240	17.837	5231.0611	5248.8981	---	PASS
11N40SISO	Ant1	5190	36.476	5171.7710	5208.2470	---	PASS
		5230	36.372	5211.8264	5248.1984	---	PASS
11AC20SISO	Ant1	5180	17.882	5171.0080	5188.8900	---	PASS
		5200	17.951	5191.0217	5208.9727	---	PASS
		5240	17.892	5231.0316	5248.9236	---	PASS
11AC40SISO	Ant1	5190	36.438	5171.7426	5208.1806	---	PASS
		5230	36.473	5211.7846	5248.2576	---	PASS
11AC80SISO	Ant1	5210	76.001	5171.9712	5247.9722	---	PASS

11A_Ant1_5180



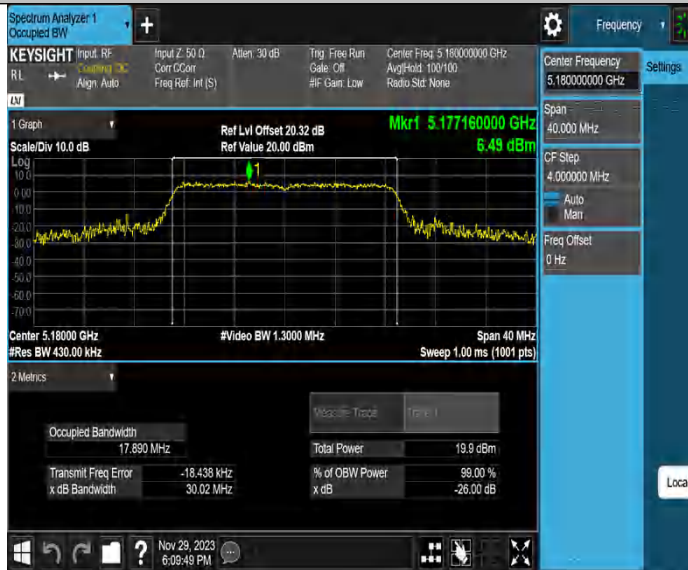
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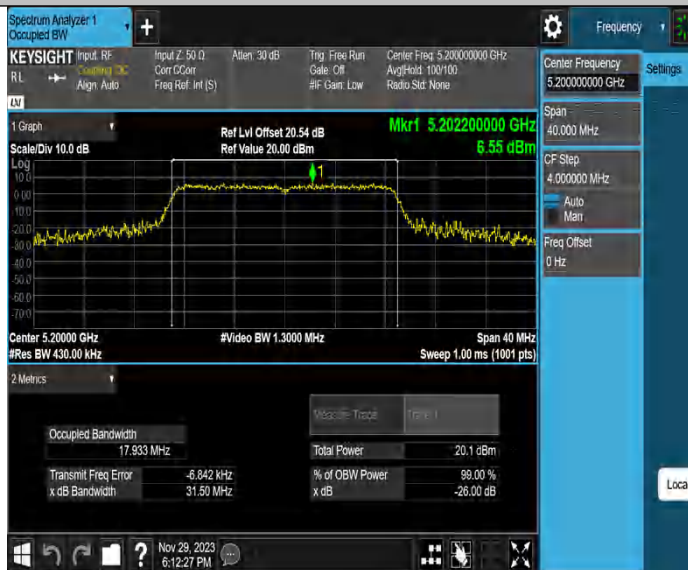
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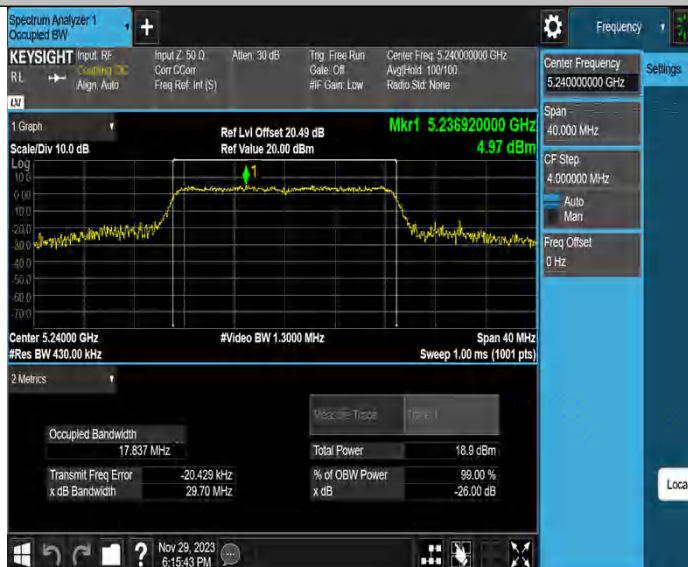
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



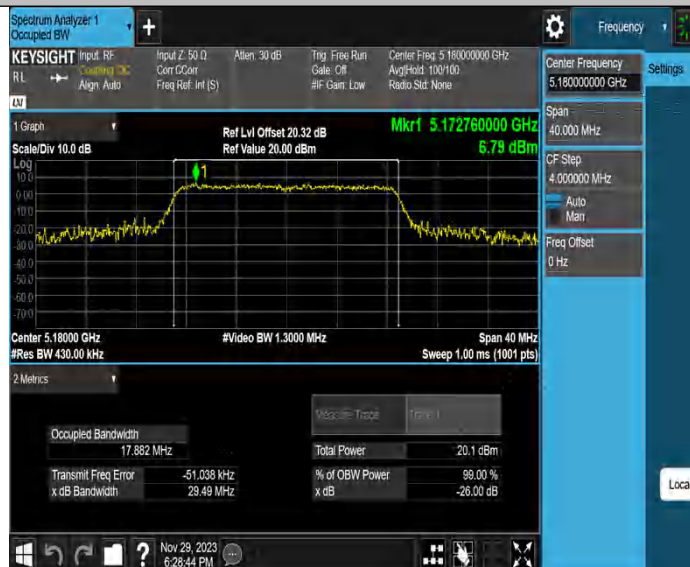
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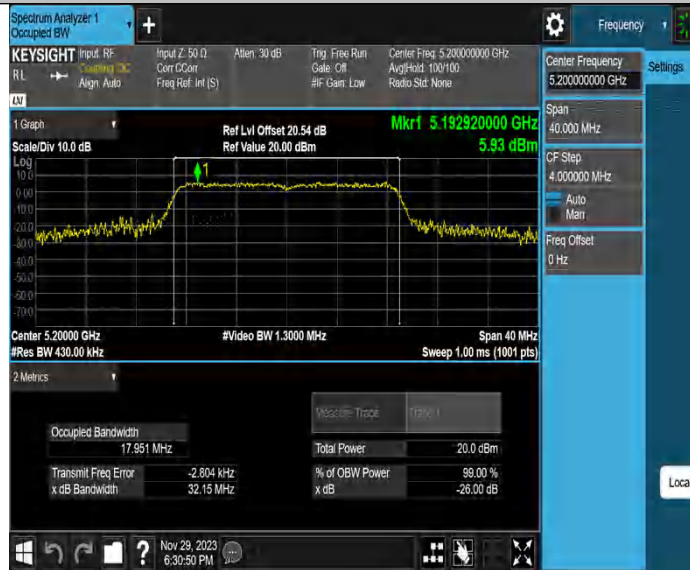
11N40SISO_Ant1_5230



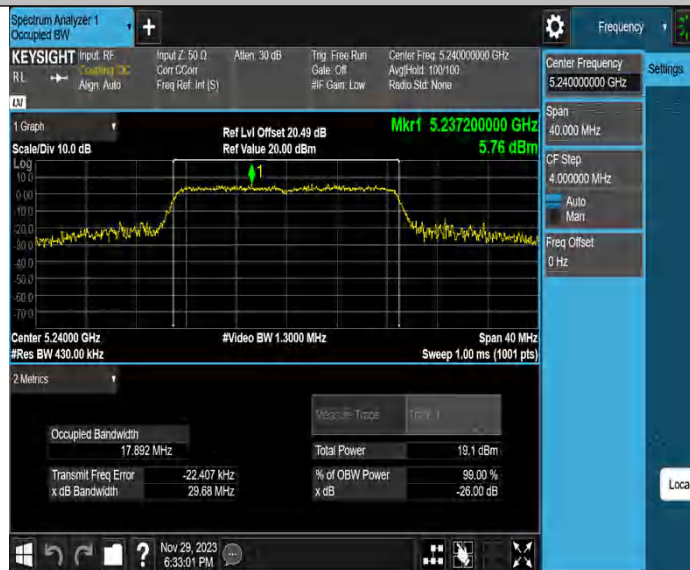
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



Appendix C.5: Test Results of Radiated Spurious Emissions

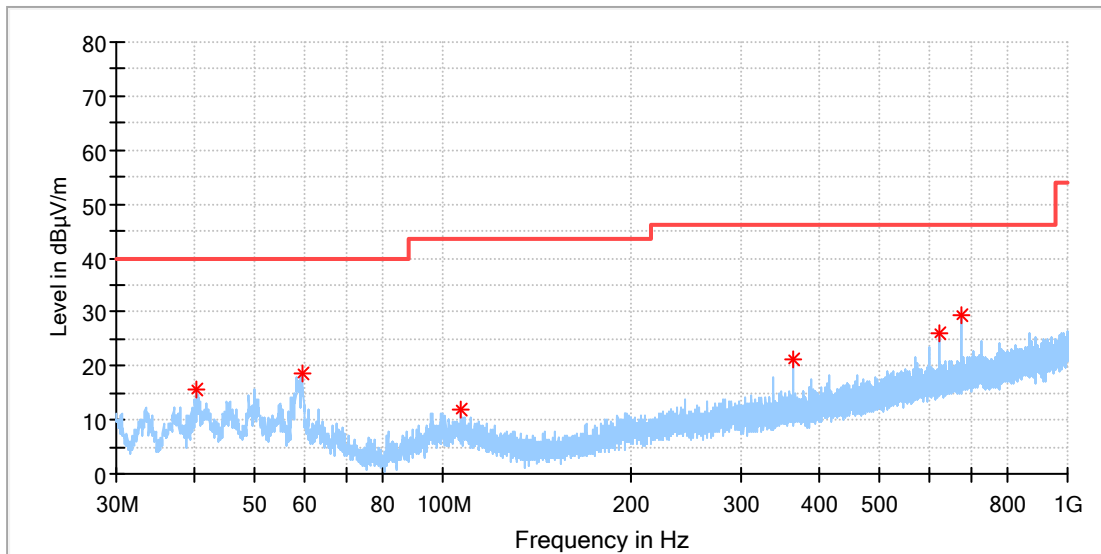
Note:

- 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 Goggles 3
Model:	TKGS3
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	168438695/A003598699-029
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

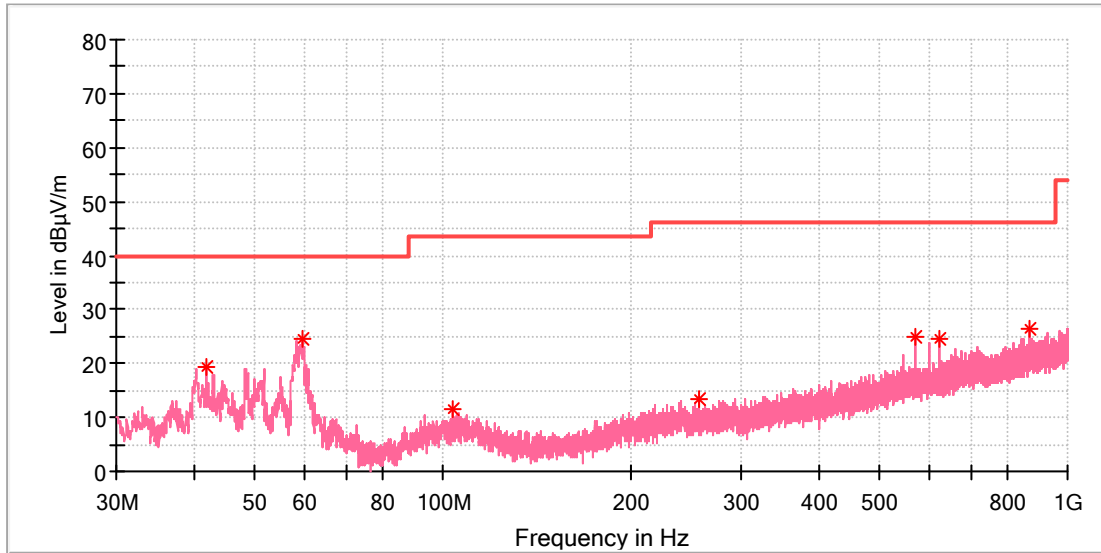
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.408846	15.66	40.00	24.34	100.0	H	103.0	-20.3
59.398462	18.66	40.00	21.34	100.0	H	263.0	-19.2
106.853846	11.74	43.50	31.76	100.0	H	0.0	-19.2
364.015769	21.25	46.00	24.75	100.0	H	189.0	-14.9
624.013077	26.11	46.00	19.89	100.0	H	172.0	-9.8
676.020000	29.36	46.00	16.64	100.0	H	216.0	-8.8

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11a_Ch40
 Order No/Sample No: 168438695/A003598699-029
 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)
41.751923	19.53	40.00	20.47	100.0	V	7.0	-19.9
59.585000	24.62	40.00	15.38	100.0	V	53.0	-19.2
103.869231	11.48	43.50	32.02	100.0	V	95.0	-19.1
257.203846	13.21	46.00	32.79	100.0	V	284.0	-17.5
572.006154	24.83	46.00	21.17	100.0	V	207.0	-10.7
624.013077	24.38	46.00	21.62	100.0	V	266.0	-9.8
871.027308	26.47	46.00	19.53	100.0	V	249.0	-5.7

Final Result

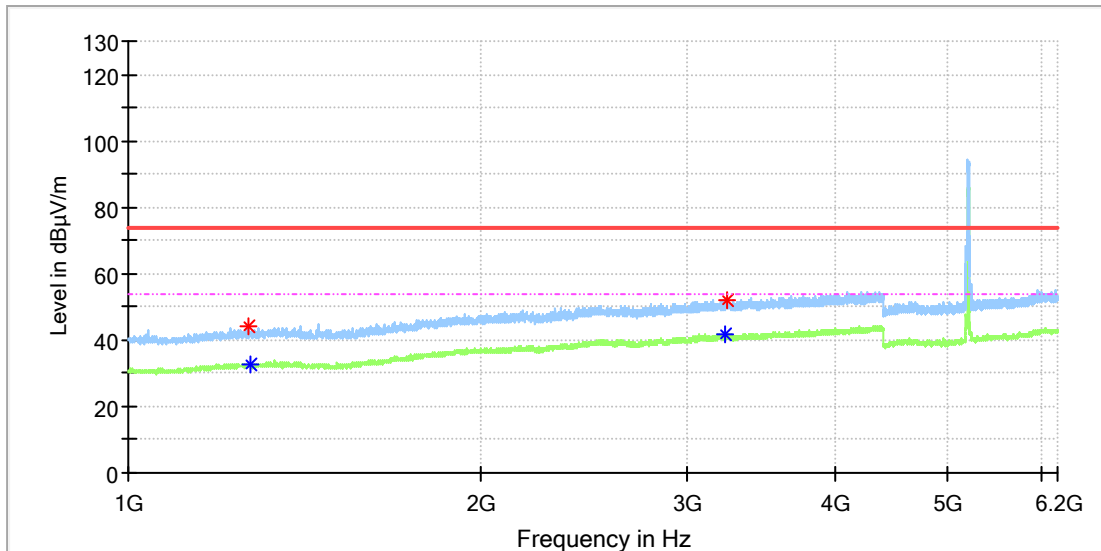
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	DJI Goggles 3
Model:	TKGS3
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	168438695/A003598699-029
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

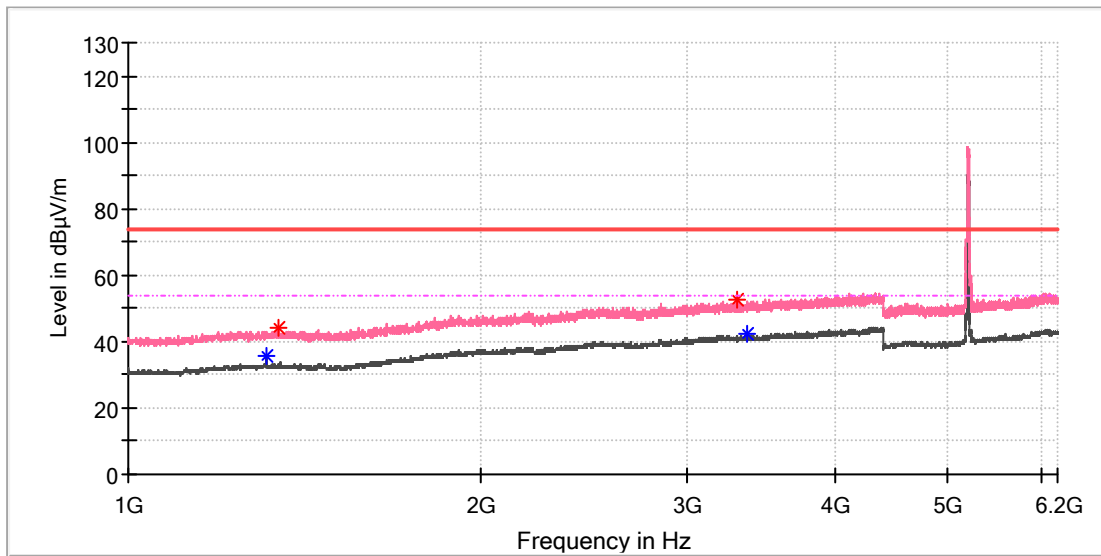
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1267.000000	44.05	---	74.00	29.95	150.0	H	155.0	1.9
1273.500000	---	32.62	54.00	21.38	150.0	H	23.0	1.9
3229.000000	---	41.51	54.00	12.49	150.0	H	45.0	8.5
3244.500000	52.16	---	74.00	21.84	150.0	H	0.0	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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11a_Ch40
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

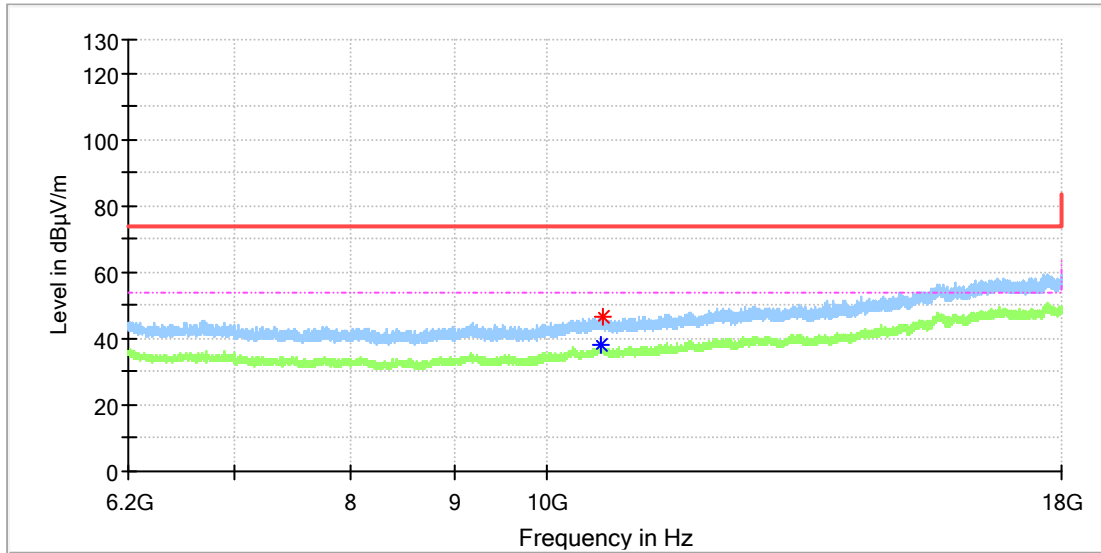
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	35.49	54.00	18.51	150.0	V	267.0	2.0
1341.500000	43.97	---	74.00	30.03	150.0	V	278.0	2.1
3310.500000	52.70	---	74.00	21.30	150.0	V	177.0	8.6
3367.500000	---	42.16	54.00	11.84	150.0	V	159.0	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 Goggles 3
Model:	TKGS3
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	168438695/A003598699-029
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

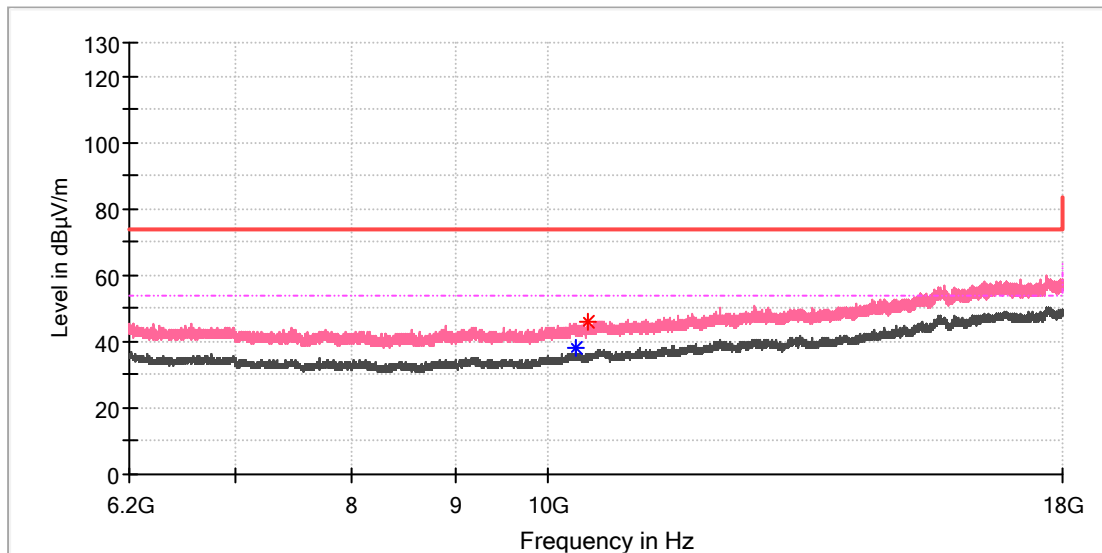
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10630.408333	---	37.93	54.00	16.07	150.0	H	142.0	12.0
10653.025000	46.85	---	74.00	27.15	150.0	H	4.0	12.0

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11a_Ch40
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

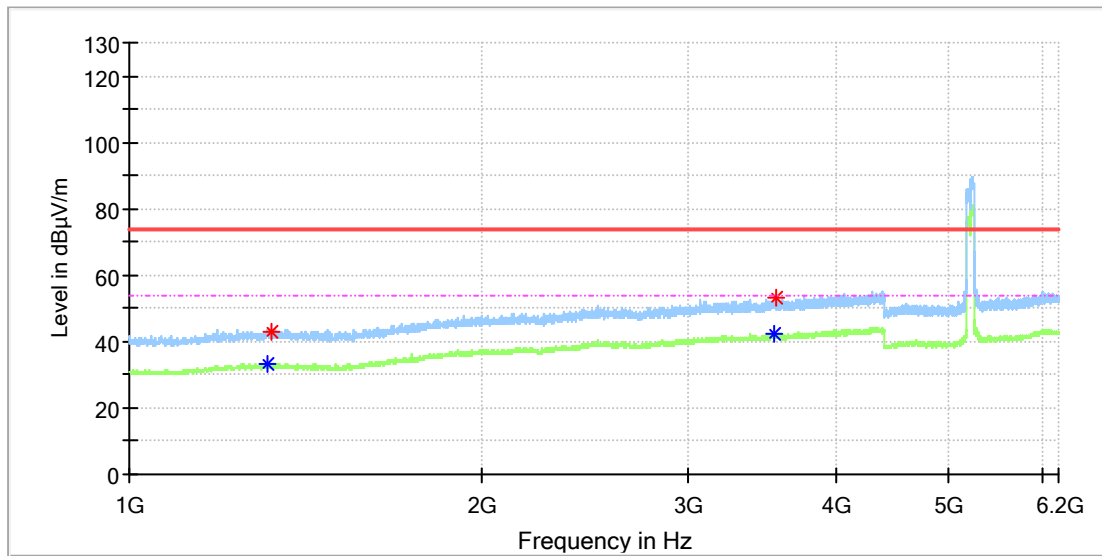
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10315.250000	---	37.89	54.00	16.11	150.0	V	54.0	11.6
10473.075000	46.02	---	74.00	27.98	150.0	V	67.0	12.0

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 Goggles 3
Model:	TKGS3
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168438695/A003598699-029
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

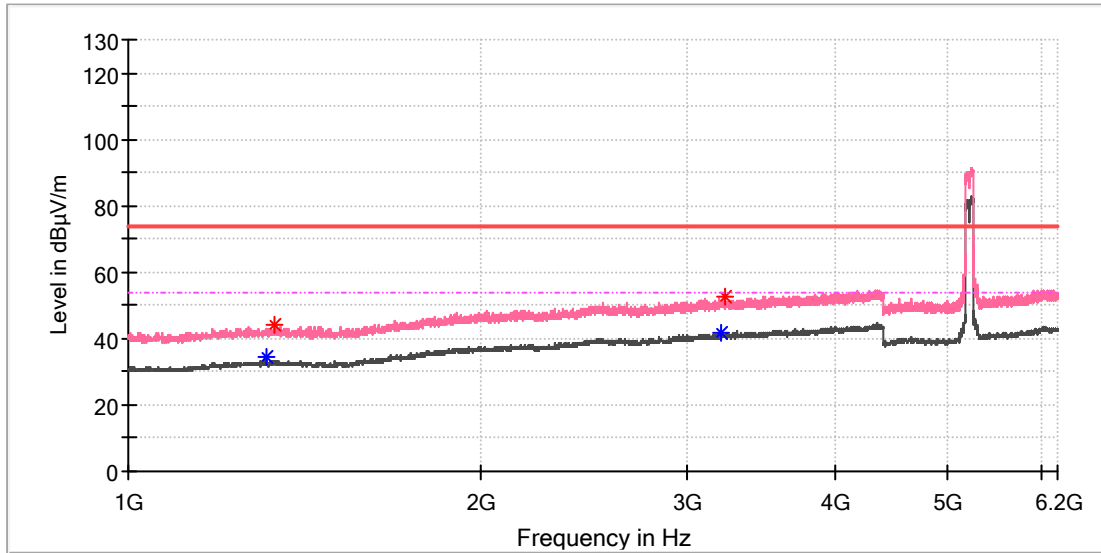
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	33.32	54.00	20.68	150.0	H	0.0	2.0
1322.500000	43.21	---	74.00	30.79	150.0	H	75.0	2.0
3547.000000	---	42.22	54.00	11.78	150.0	H	210.0	9.2
3559.000000	53.21	---	74.00	20.79	150.0	H	67.0	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 Goggles 3
Model:	TKGS3
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168438695/A003598699-029
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

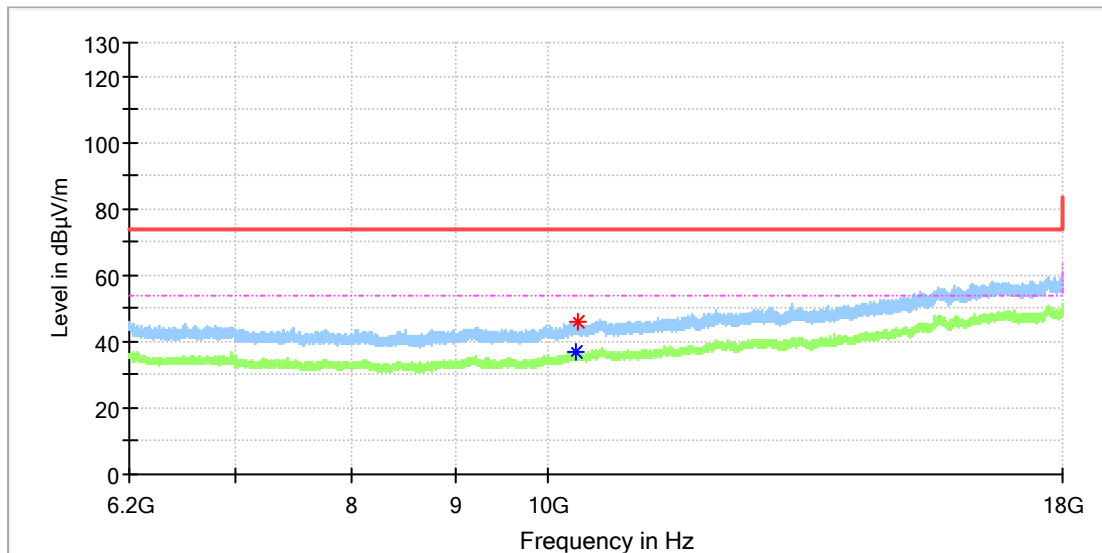
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	34.17	54.00	19.83	150.0	V	130.0	2.0
1332.500000	44.26	---	74.00	29.74	150.0	V	0.0	2.1
3203.000000	---	41.76	54.00	12.24	150.0	V	203.0	8.6
3230.500000	52.49	---	74.00	21.51	150.0	V	203.0	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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11ac80_Ch42
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

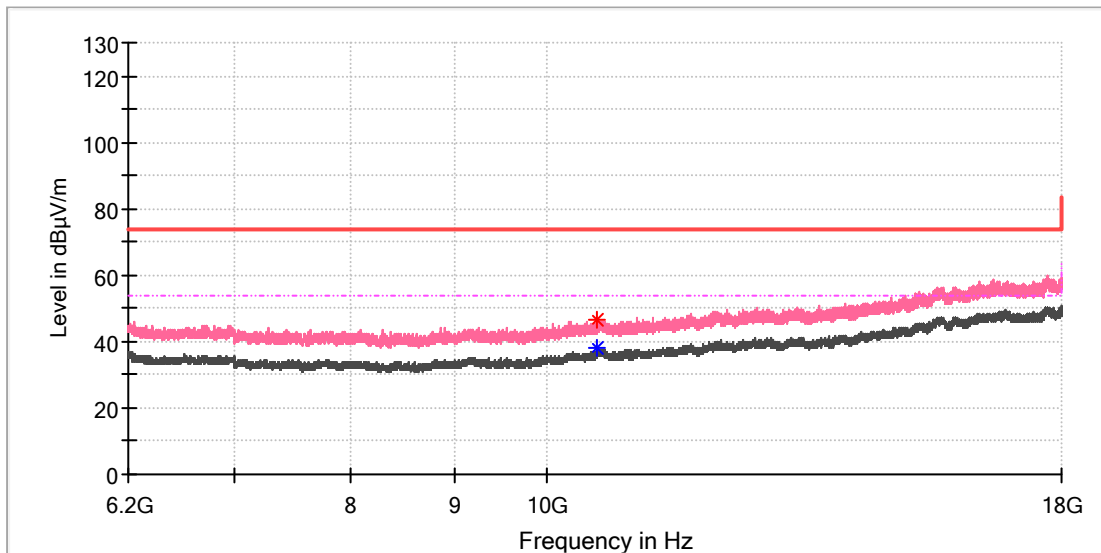
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10332.458333	---	36.71	54.00	17.29	150.0	H	0.0	11.7
10356.058333	45.77	---	74.00	28.23	150.0	H	250.0	11.8

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11ac80_Ch42
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

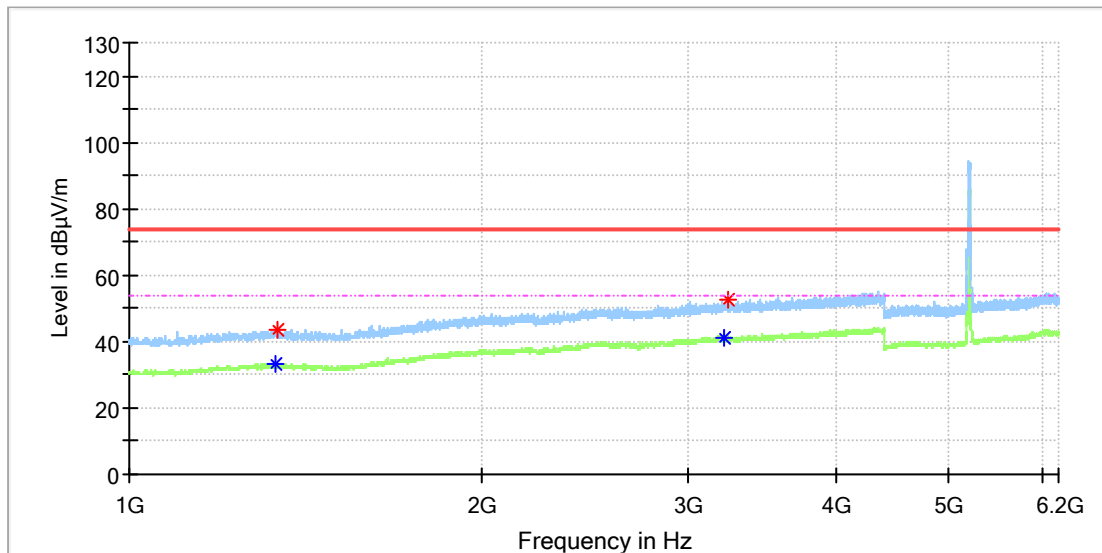
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10580.258333	---	37.89	54.00	16.11	150.0	V	24.0	12.0
10596.483333	46.42	---	74.00	27.58	150.0	V	337.0	12.1

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n20_Ch40
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

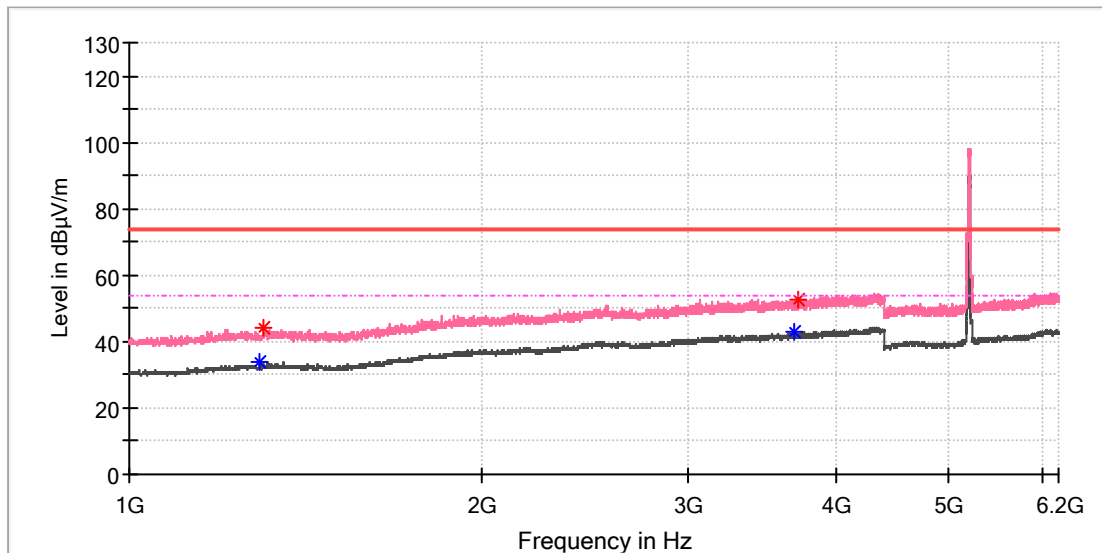
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1332.000000	---	33.47	54.00	20.53	150.0	H	192.0	2.1
1336.500000	43.30	---	74.00	30.70	150.0	H	348.0	2.1
3209.000000	---	41.28	54.00	12.72	150.0	H	4.0	8.6
3240.000000	52.76	---	74.00	21.24	150.0	H	65.0	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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n20_Ch40
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

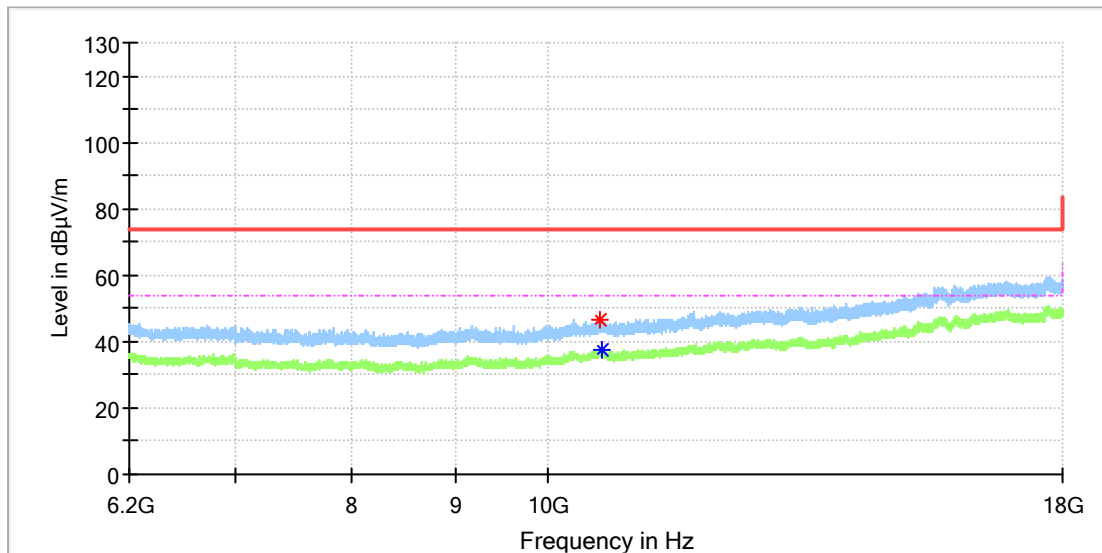
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1293.500000	---	33.71	54.00	20.29	150.0	V	268.0	1.9
1301.500000	43.87	---	74.00	30.13	150.0	V	55.0	1.9
3696.500000	---	42.71	54.00	11.29	150.0	V	55.0	9.6
3717.500000	52.53	---	74.00	21.47	150.0	V	236.0	9.6

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n20_Ch40
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

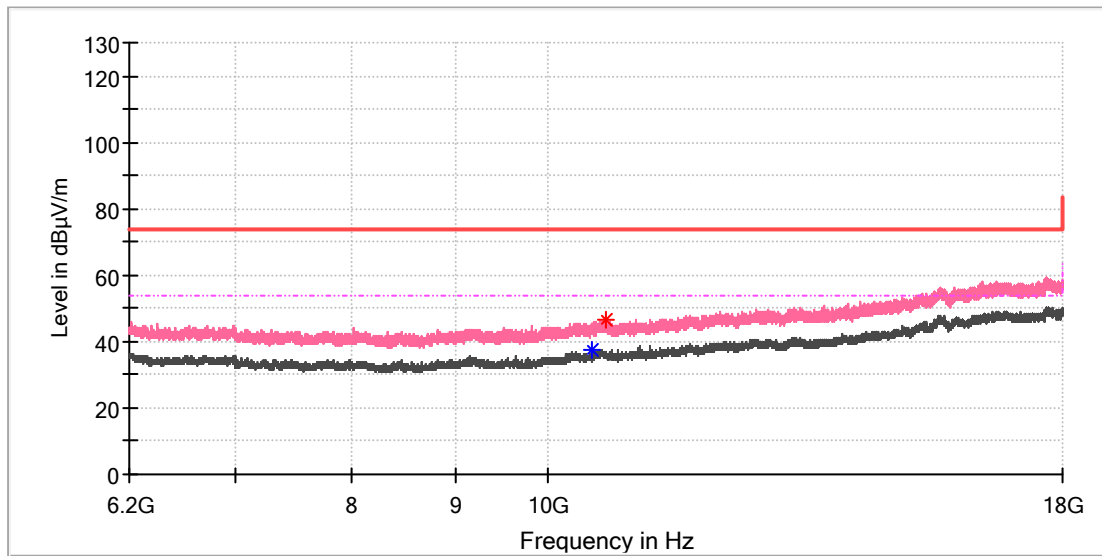
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10609.266667	46.41	---	74.00	27.59	150.0	H	182.0	12.1
10638.275000	---	37.74	54.00	16.26	150.0	H	75.0	12.0

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n20_Ch40
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

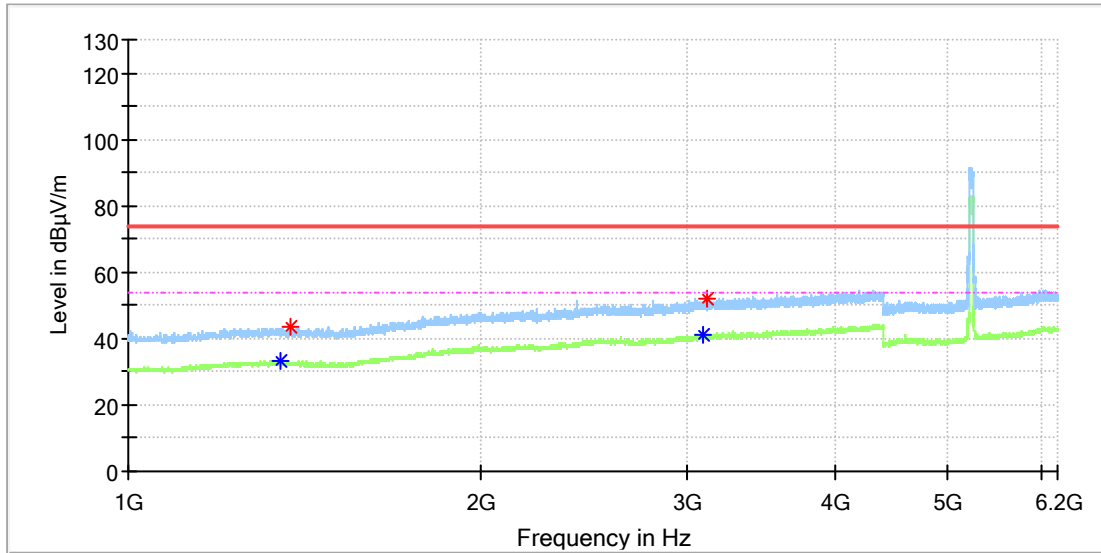
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10526.175000	---	37.34	54.00	16.66	150.0	V	292.0	12.0
10674.166667	46.64	---	74.00	27.36	150.0	V	280.0	11.9

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n40_Ch46
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

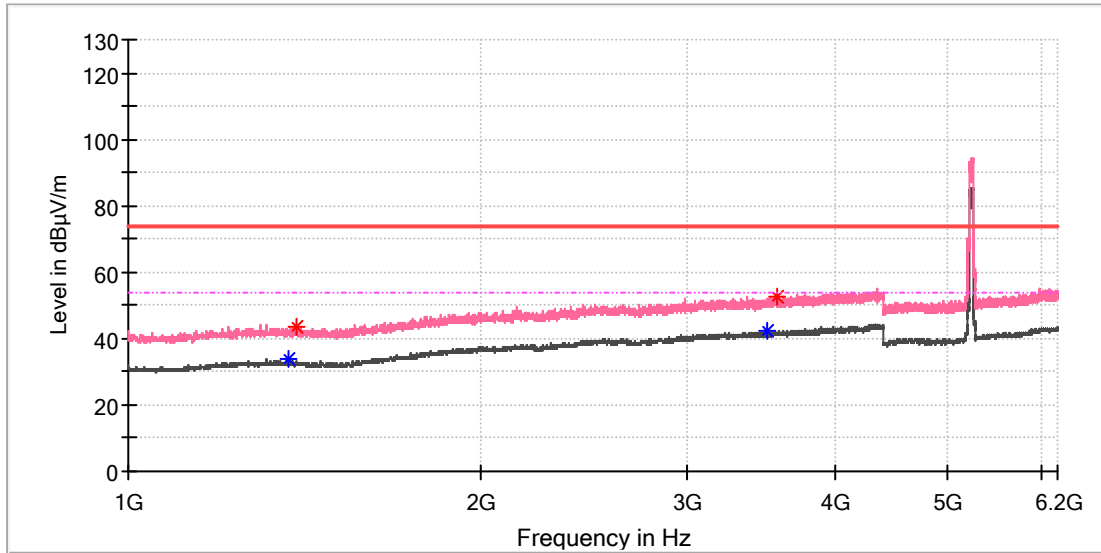
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1350.500000	---	33.25	54.00	20.75	150.0	H	41.0	2.1
1373.500000	43.47	---	74.00	30.53	150.0	H	161.0	1.9
3088.500000	---	41.23	54.00	12.77	150.0	H	99.0	8.6
3120.500000	51.93	---	74.00	22.07	150.0	H	60.0	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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n40_Ch46
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

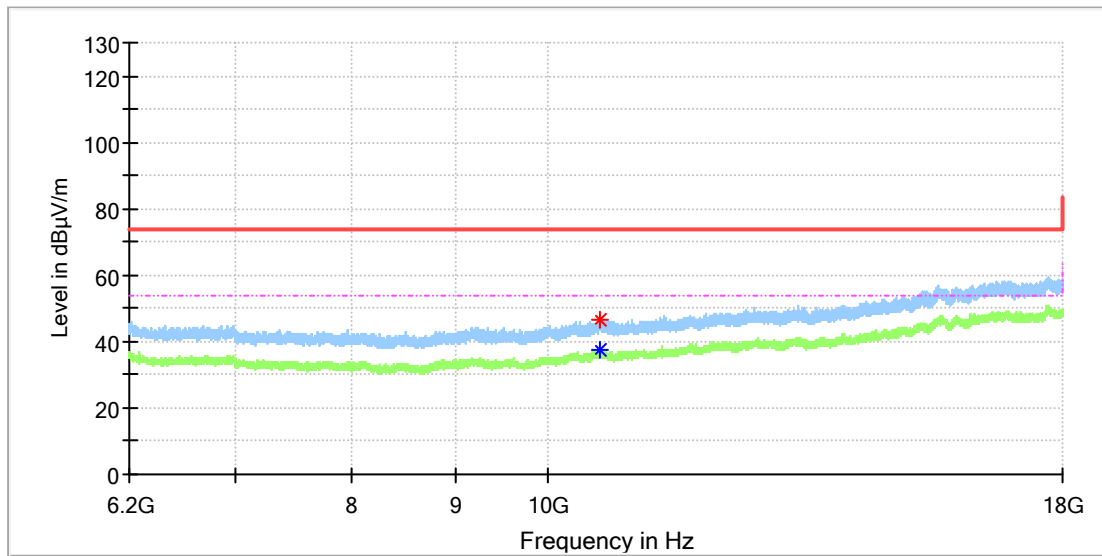
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1370.500000	---	33.73	54.00	20.27	150.0	V	137.0	1.9
1392.000000	43.82	---	74.00	30.18	150.0	V	34.0	1.7
3510.500000	---	42.56	54.00	11.44	150.0	V	103.0	9.0
3571.500000	52.59	---	74.00	21.41	150.0	V	123.0	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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n40_Ch46
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

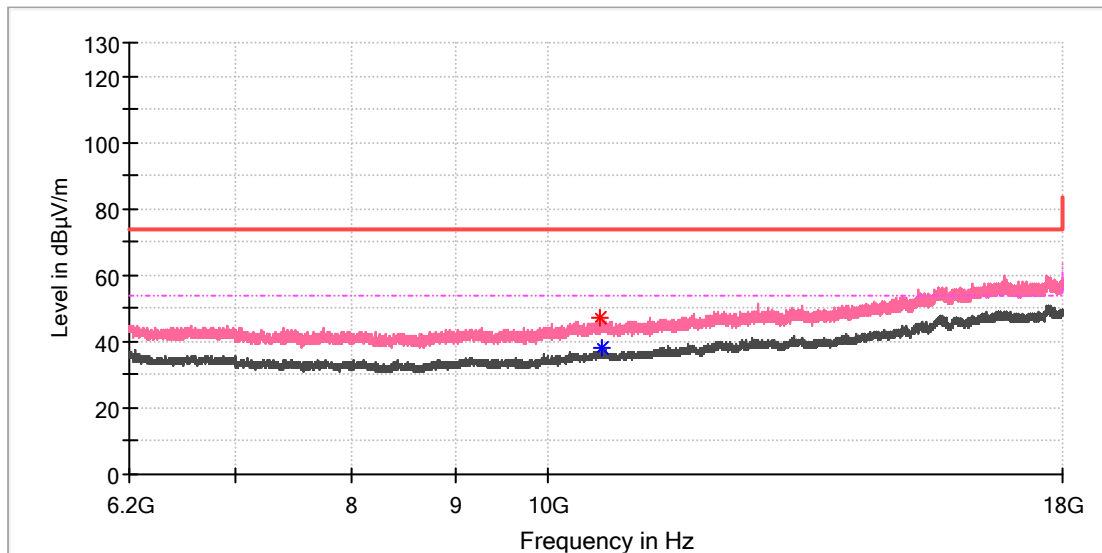
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10600.416667	---	37.35	54.00	16.65	150.0	H	56.0	12.1
10620.575000	46.39	---	74.00	27.61	150.0	H	119.0	12.0

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n40_Ch46
 Order No/Sample No: 168438695/A003598699-029
 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)
10604.350000	46.87	---	74.00	27.13	150.0	V	277.0	12.1
10640.241667	---	37.85	54.00	16.15	150.0	V	329.0	12.0

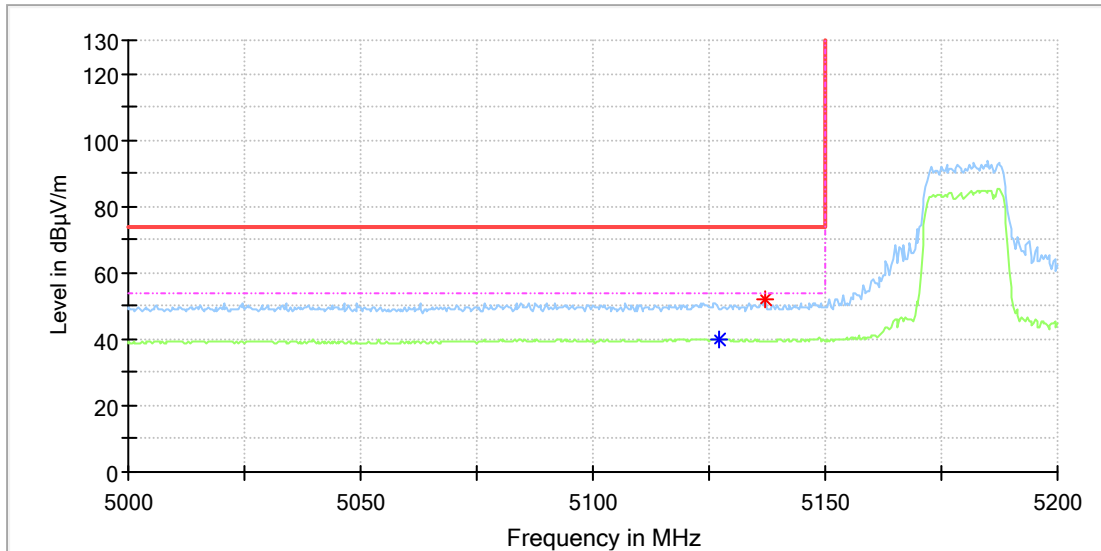
Final Result

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

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

EUT Information

EUT Name: DJI Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11a_Ch36
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

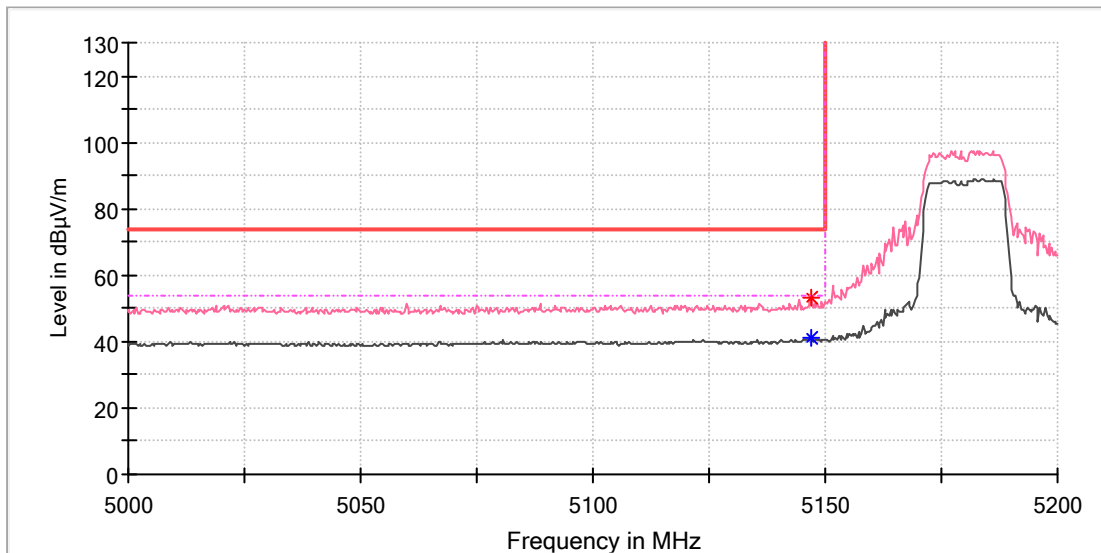
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5127.338889	---	40.20	54.00	13.80	150.0	H	342.0	12.3
5137.172222	51.83	---	74.00	22.17	150.0	H	244.0	12.4

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11a_Ch36
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

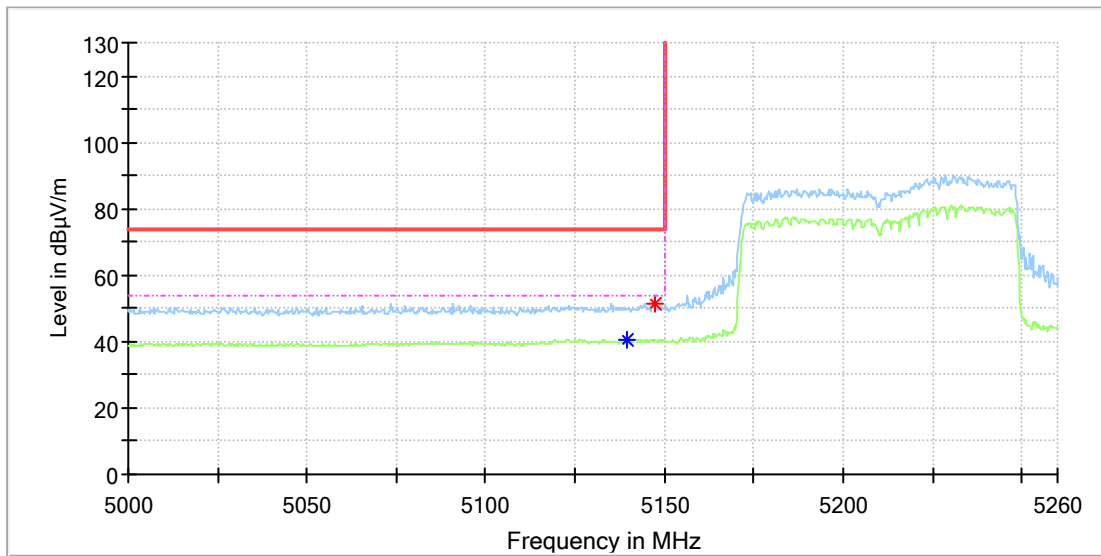
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.005556	---	40.89	54.00	13.11	150.0	V	193.0	12.4
5147.005556	53.31	---	74.00	20.69	150.0	V	193.0	12.4

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11ac80_Ch42
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

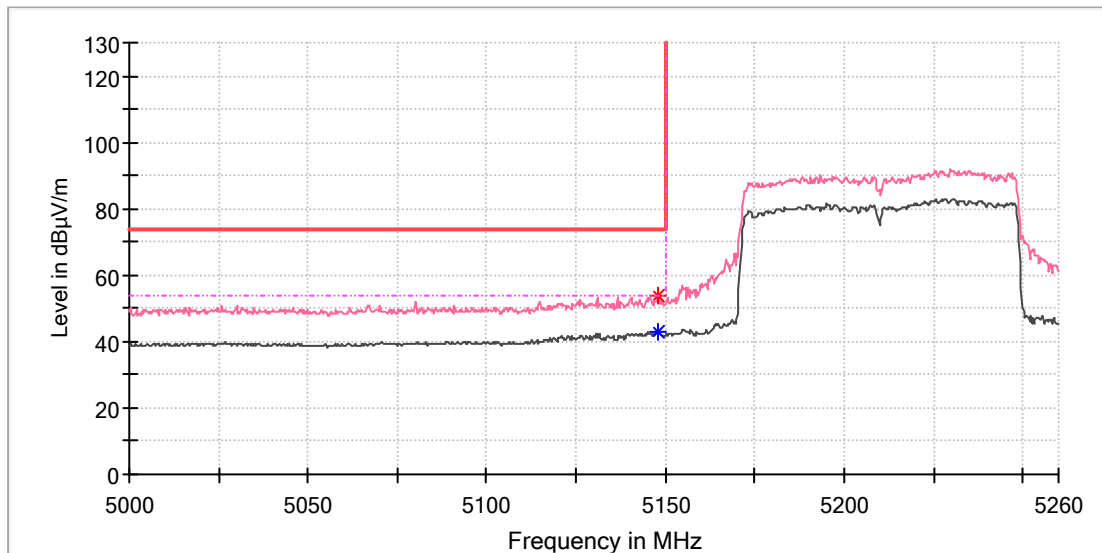
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5139.466667	---	40.63	54.00	13.37	150.0	H	18.0	12.4
5147.333333	51.42	---	74.00	22.58	150.0	H	210.0	12.4

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11ac80_Ch42
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

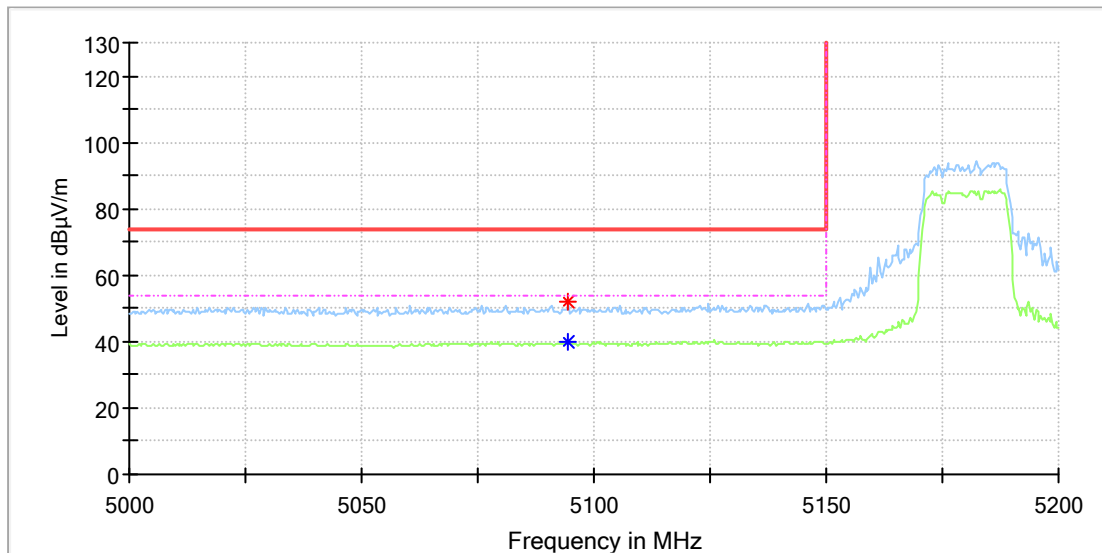
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.661111	---	43.02	54.00	10.98	150.0	V	190.0	12.4
5147.988889	53.65	---	74.00	20.35	150.0	V	190.0	12.4

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n20_Ch36
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

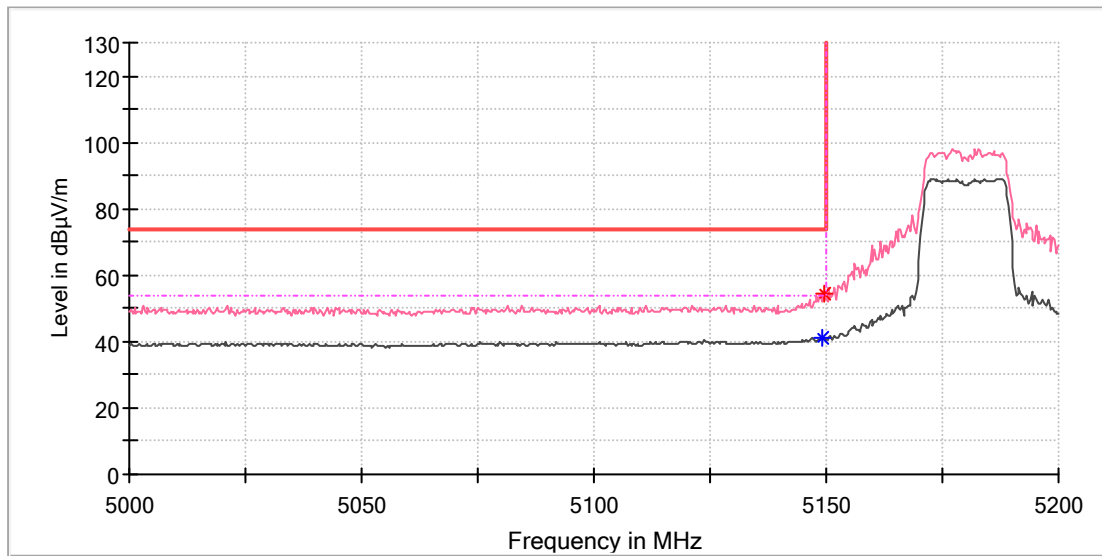
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5094.233333	---	39.84	54.00	14.16	150.0	H	197.0	12.2
5094.561111	51.87	---	74.00	22.13	150.0	H	42.0	12.2

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n20_Ch36
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

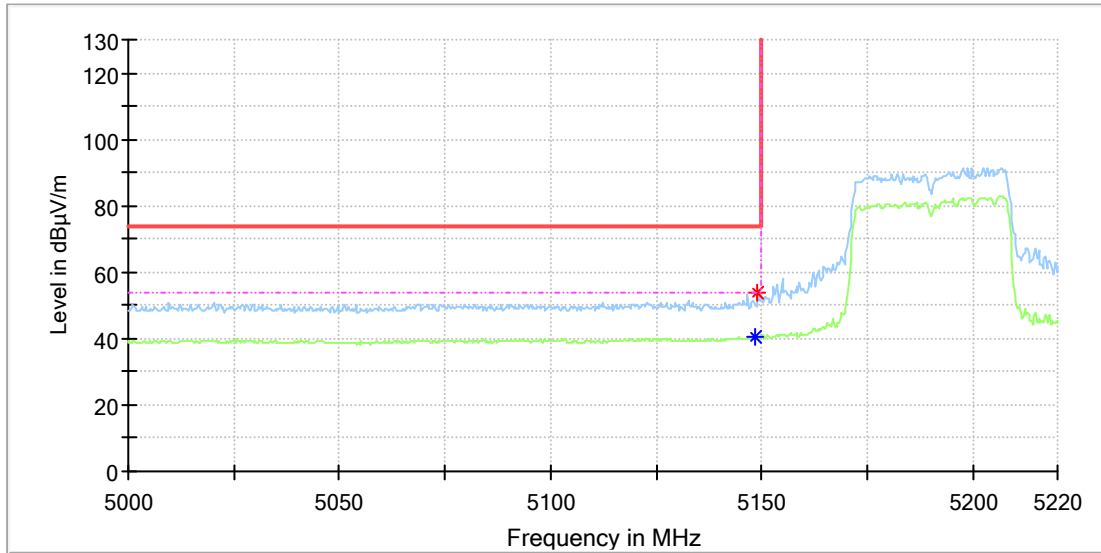
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.300000	---	41.02	54.00	12.98	150.0	V	314.0	12.4
5149.627778	54.32	---	74.00	19.68	150.0	V	223.0	12.4

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n40_Ch38
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

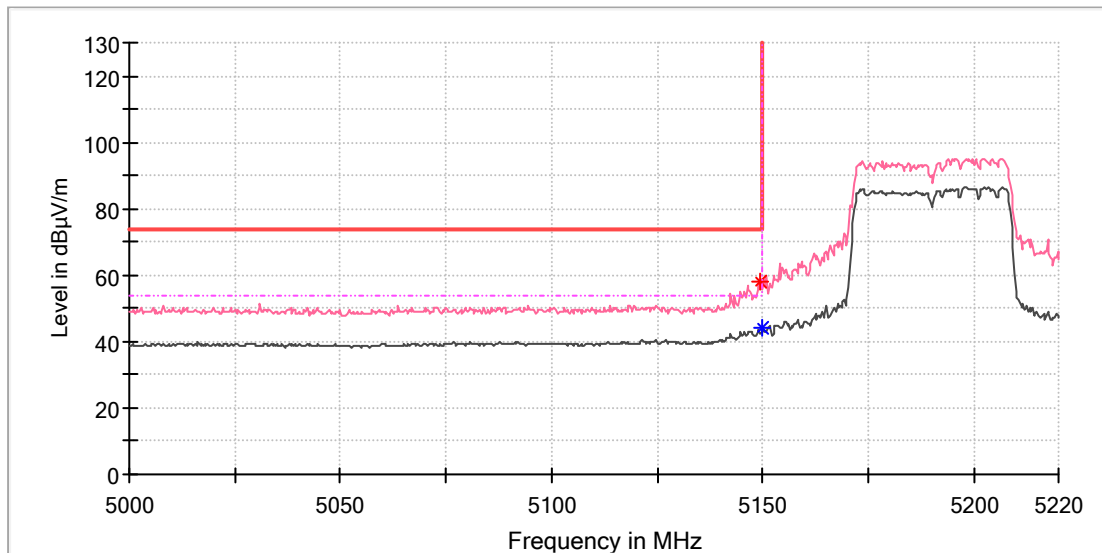
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.316667	---	40.66	54.00	13.34	150.0	H	199.0	12.4
5148.972222	53.59	---	74.00	20.41	150.0	H	302.0	12.4

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 Goggles 3
 Model: TKGS3
 Test Mode: WIFI 5G_11n40_Ch38
 Order No/Sample No: 168438695/A003598699-029
 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)
5149.300000	57.76	---	74.00	16.24	150.0	V	189.0	12.4
5149.955556	---	44.25	54.00	9.75	150.0	V	183.0	12.4

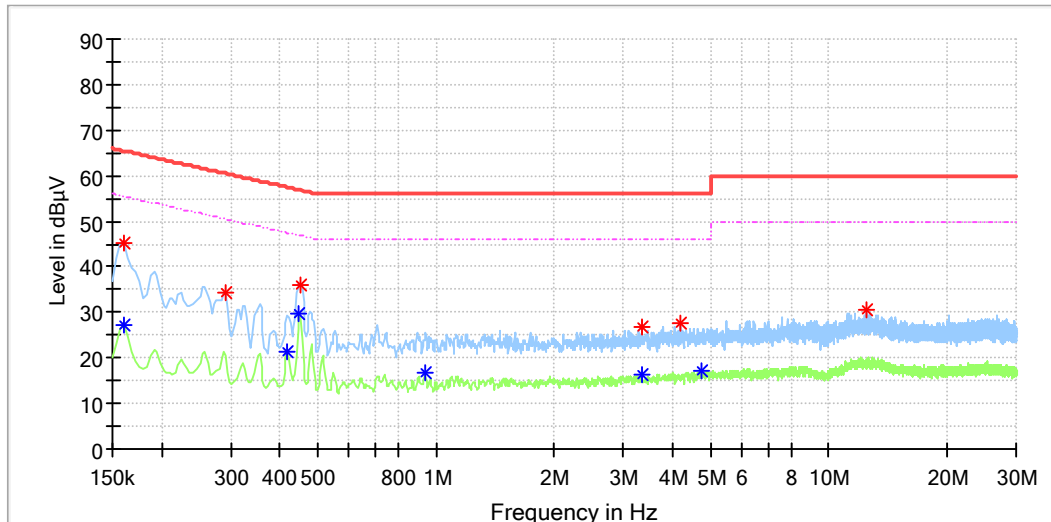
Final Result

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

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

EUT Information

EUT Name: DJI Goggles 3
 Order Number: 168438695
 Model: TKGS3
 Test Mode: WIFI 5.2G
 Test Voltage: AC 120V60Hz
 Test Standard: FCC 15.207
 Test By:/Review By: Eric Guo/ Gary Chen
 Tem./Hum./Pressure: 25.0°C/51.2%/101kPa
 Remark: SR2

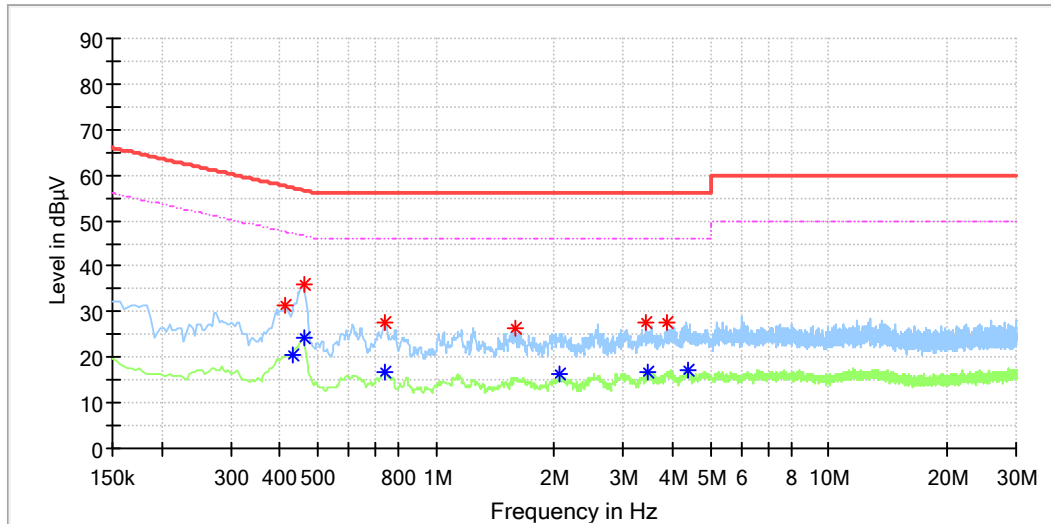


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.161194	45.04	---	65.40	20.36	L1	9.9
0.161194	---	27.24	55.40	28.17	L1	9.9
0.291788	34.45	---	60.47	26.02	L1	9.9
0.418650	---	21.29	47.48	26.19	L1	9.9
0.448500	---	29.80	46.90	17.10	L1	9.9
0.452231	36.17	---	56.83	20.66	L1	9.9
0.937294	---	16.82	46.00	29.18	L1	10.0
3.343950	---	16.14	46.00	29.86	L1	10.2
3.343950	26.79	---	56.00	29.21	L1	10.2
4.202138	27.49	---	56.00	28.51	L1	10.2
4.743169	---	16.99	46.00	29.01	L1	10.2
12.466856	30.44	---	60.00	29.56	L1	10.3

EUT Information

EUT Name: DJI Goggles 3
 Order Number: 168438695
 Model: TKGS3
 Test Mode: WIFI 5.2G
 Test Voltage: AC 120V60Hz
 Test Standard: FCC 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)
0.414919	31.46	---	57.55	26.09	N	9.8
0.429844	---	20.55	47.26	26.71	N	9.8
0.459694	35.90	---	56.70	20.80	N	9.8
0.459694	---	24.20	46.70	22.50	N	9.8
0.739538	27.81	---	56.00	28.19	N	9.8
0.743269	---	16.74	46.00	29.26	N	9.8
1.590263	26.33	---	56.00	29.67	N	9.8
2.067863	---	16.41	46.00	29.59	N	9.9
3.418575	27.61	---	56.00	28.39	N	9.9
3.470813	---	16.71	46.00	29.29	N	9.9
3.873788	27.81	---	56.00	28.19	N	9.9
4.373775	---	17.28	46.00	28.72	N	9.9