

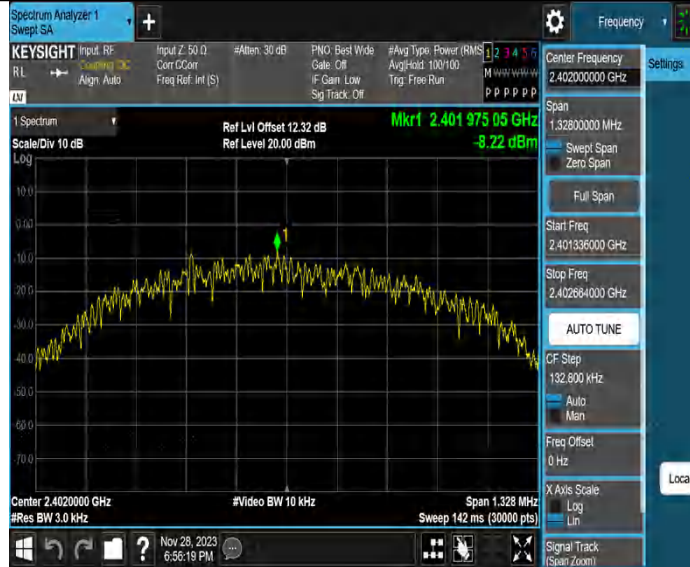
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Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.22	≤8.00	PASS
		2440	-7.76	≤8.00	PASS
		2480	-9.38	≤8.00	PASS
BLE_2M	Ant1	2402	-11.31	≤8.00	PASS
		2440	-10.34	≤8.00	PASS
		2480	-11.76	≤8.00	PASS

BLE 1M Ant1 2402



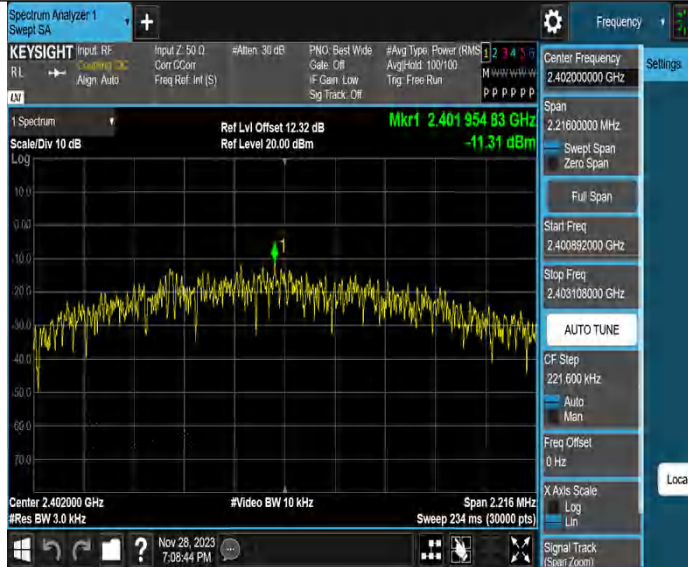
BLE 1M Ant1 2440



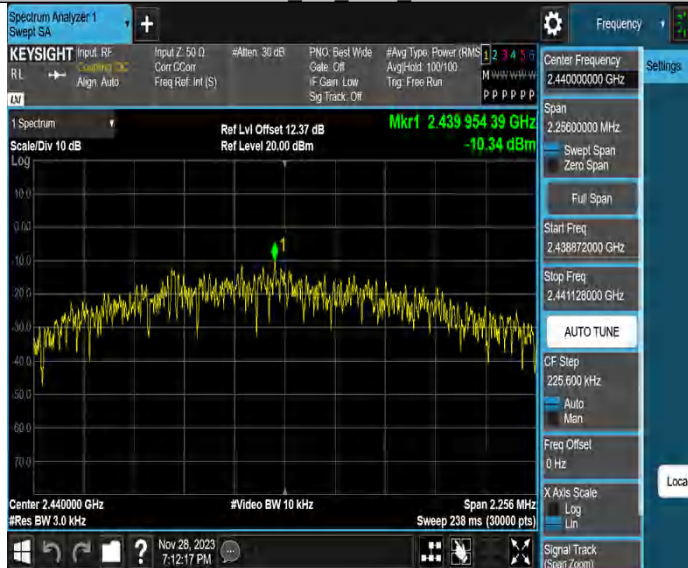
BLE 1M Ant1 2480



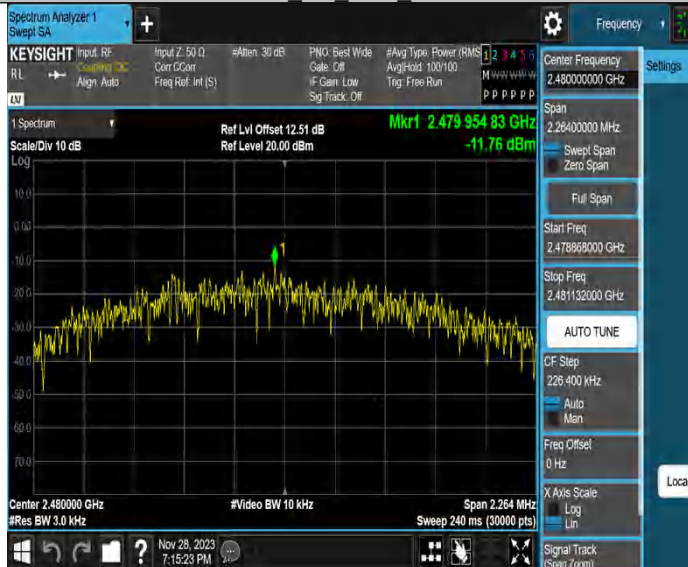
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.664	2401.664	2402.328	0.5	PASS
		2440	0.640	2439.672	2440.312	0.5	PASS
		2480	0.648	2479.672	2480.320	0.5	PASS
BLE_2M	Ant1	2402	1.108	2401.424	2402.532	0.5	PASS
		2440	1.128	2439.420	2440.548	0.5	PASS
		2480	1.132	2479.416	2480.548	0.5	PASS

BLE 1M Ant1 2402



BLE 1M Ant1 2440



BLE 1M Ant1 2480



BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



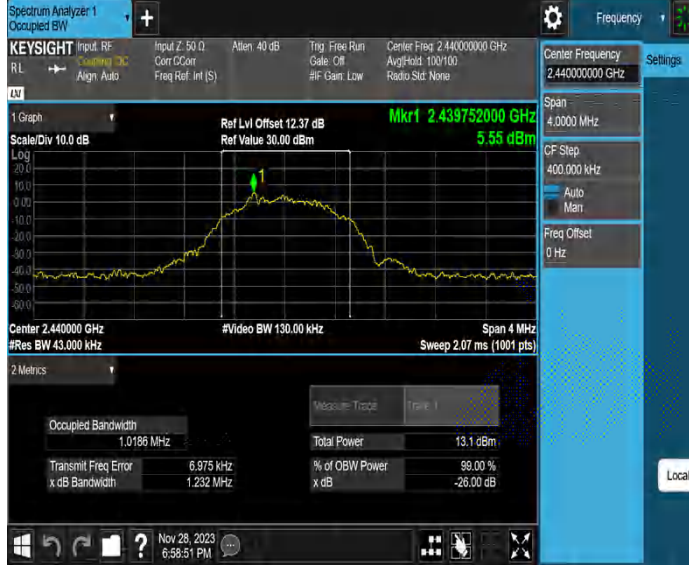
Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.0164	2401.4990	2402.5154	---	PASS
		2440	1.0186	2439.4977	2440.5163	---	PASS
		2480	1.0124	2479.5005	2480.5129	---	PASS
BLE_2M	Ant1	2402	2.0386	2401.0047	2403.0433	---	PASS
		2440	2.0396	2439.0008	2441.0404	---	PASS
		2480	2.0449	2479.0023	2481.0472	---	PASS

BLE 1M Ant1 2402



BLE 1M Ant1 2440



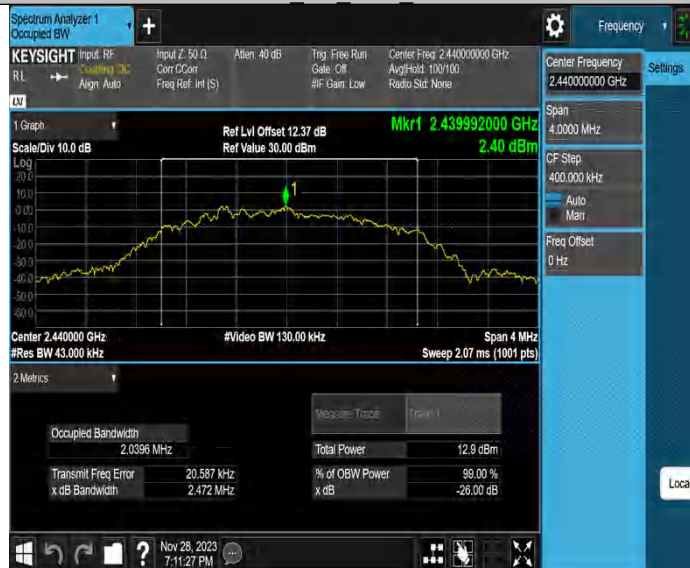
BLE 1M Ant1 2480



BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.604	-49.85	≤-14.4	PASS
		High	2480	5.428	-49.98	≤-14.57	PASS
BLE_2M	Ant1	Low	2402	6.081	-39.99	≤-13.92	PASS
		High	2480	5.13	-49.96	≤-14.87	PASS

BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480



BLE 2M Ant1 Low 2402



BLE 2M Ant1 High 2480



Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	Reference	5.94	5.94	---	PASS
			30~1000	5.94	-46.81	≤-14.06	PASS
			1000~26500	5.94	-38.23	≤-14.06	PASS
		2440	Reference	6.82	6.82	---	PASS
			30~1000	6.82	-47.42	≤-13.18	PASS
			1000~26500	6.82	-38.32	≤-13.18	PASS
		2480	Reference	5.35	5.35	---	PASS
			30~1000	5.35	-47.53	≤-14.65	PASS
			1000~26500	5.35	-38.44	≤-14.65	PASS
BLE_2M	Ant1	2402	Reference	6.35	6.35	---	PASS
			30~1000	6.35	-47.51	≤-13.65	PASS
			1000~26500	6.35	-38.46	≤-13.65	PASS
		2440	Reference	6.79	6.79	---	PASS
			30~1000	6.79	-46.86	≤-13.21	PASS
			1000~26500	6.79	-37.96	≤-13.21	PASS
		2480	Reference	5.20	5.20	---	PASS
			30~1000	5.20	-46.73	≤-14.8	PASS
			1000~26500	5.20	-38.49	≤-14.8	PASS

BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000



BLE 1M Ant1 2402 1000~26500



BLE 1M Ant1 2440 0~Reference



BLE 1M Ant1 2440 30~1000



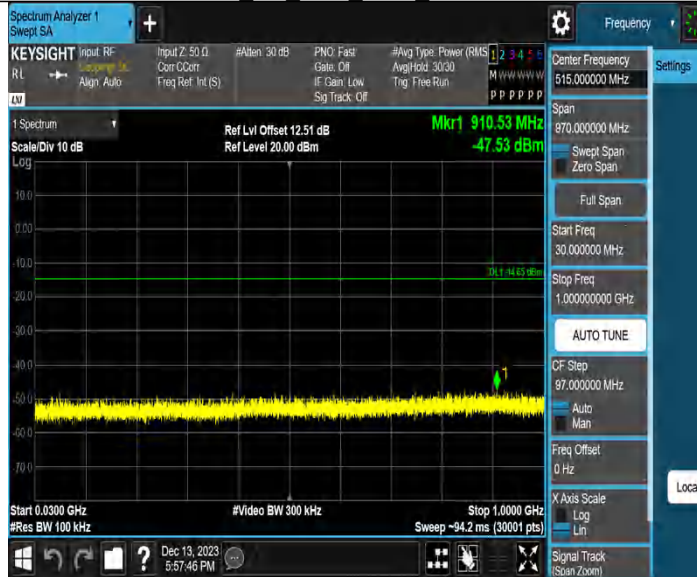
BLE 1M Ant1 2440 1000~26500



BLE 1M Ant1 2480 0~Reference



BLE 1M Ant1 2480 30~1000



BLE 1M Ant1 2480 1000~26500



BLE 2M Ant1 2402 0~Reference



BLE 2M Ant1 2402 30~1000



BLE 2M Ant1 2402 1000~26500



BLE 2M Ant1 2440 0~Reference



BLE 2M Ant1 2440 30~1000



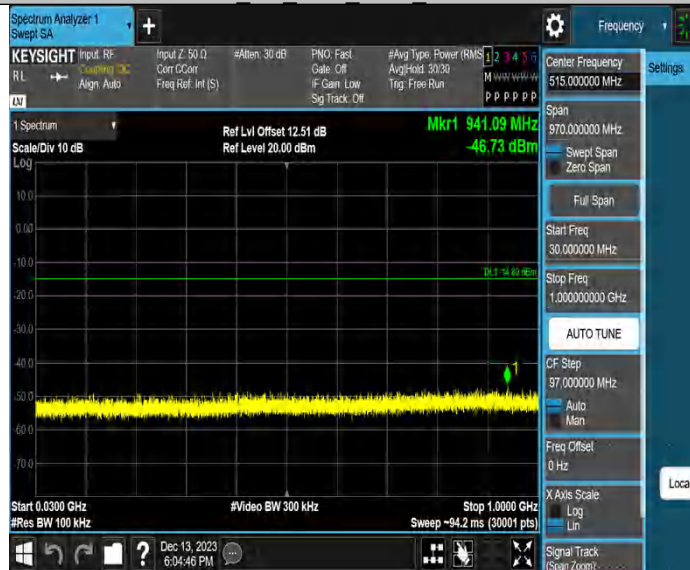
BLE 2M Ant1 2440 1000~26500



BLE 2M Ant1 2480 0~Reference



BLE 2M Ant1 2480 30~1000



BLE 2M Ant1 2480 1000~26500



Appendix B.5: Test Results of Radiated Spurious Emissions

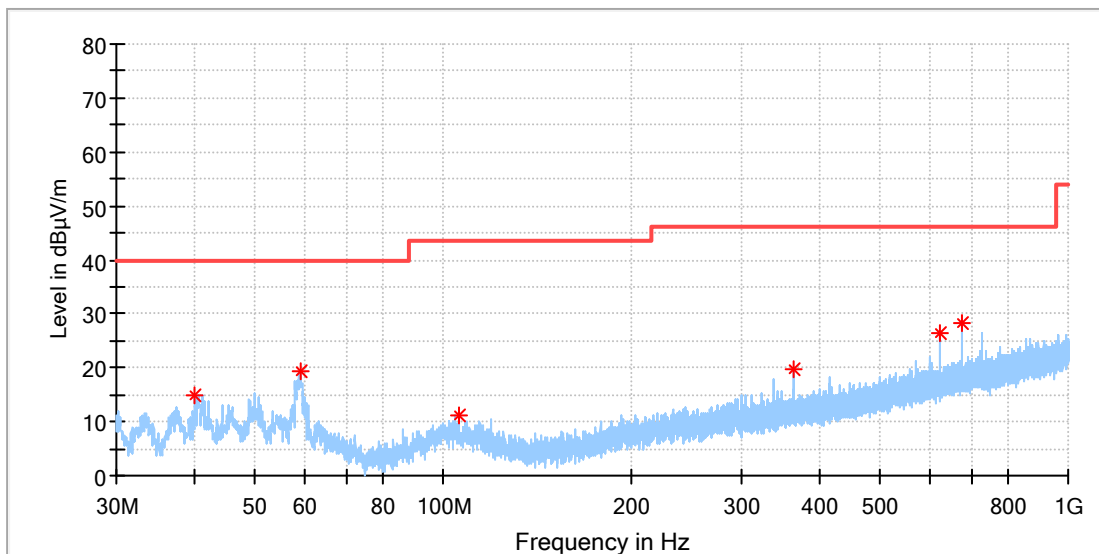
Note:

- 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.

30 MHz - 1GHz

EUT Information

EUT Name:	DJI Goggles 3
Model:	TKGS3
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168438695/A003598699-029
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

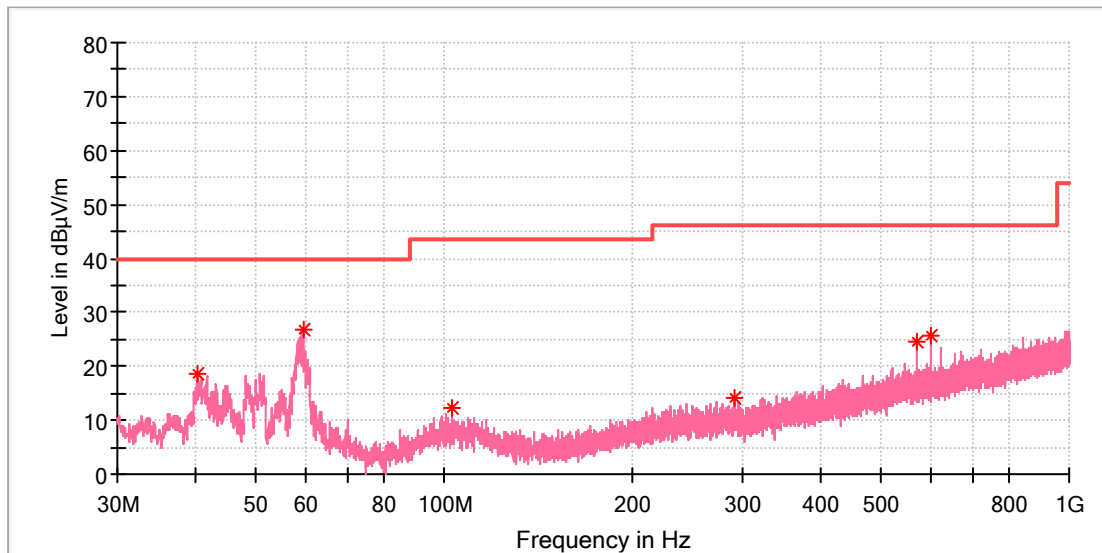
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.110385	14.79	40.00	25.21	100.0	H	76.0	-20.4
58.950769	19.19	40.00	20.81	100.0	H	143.0	-19.2
106.219615	11.24	43.50	32.26	100.0	H	76.0	-19.2
363.978462	19.76	46.00	26.24	100.0	H	204.0	-14.9
624.013077	26.60	46.00	19.40	100.0	H	187.0	-9.8
676.020000	28.22	46.00	17.78	100.0	H	211.0	-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: BLE 1M_Mid channel
 Order No/Sample No: 168438695/A003598699-029
 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)
40.334231	18.59	40.00	21.41	100.0	V	185.0	-20.3
59.398462	26.91	40.00	13.09	100.0	V	291.0	-19.2
103.085769	12.39	43.50	31.11	100.0	V	193.0	-19.2
292.235769	14.17	46.00	31.83	100.0	V	345.0	-16.8
572.006154	24.37	46.00	21.63	100.0	V	175.0	-10.7
600.024231	25.66	46.00	20.34	100.0	V	211.0	-10.2

Final Result

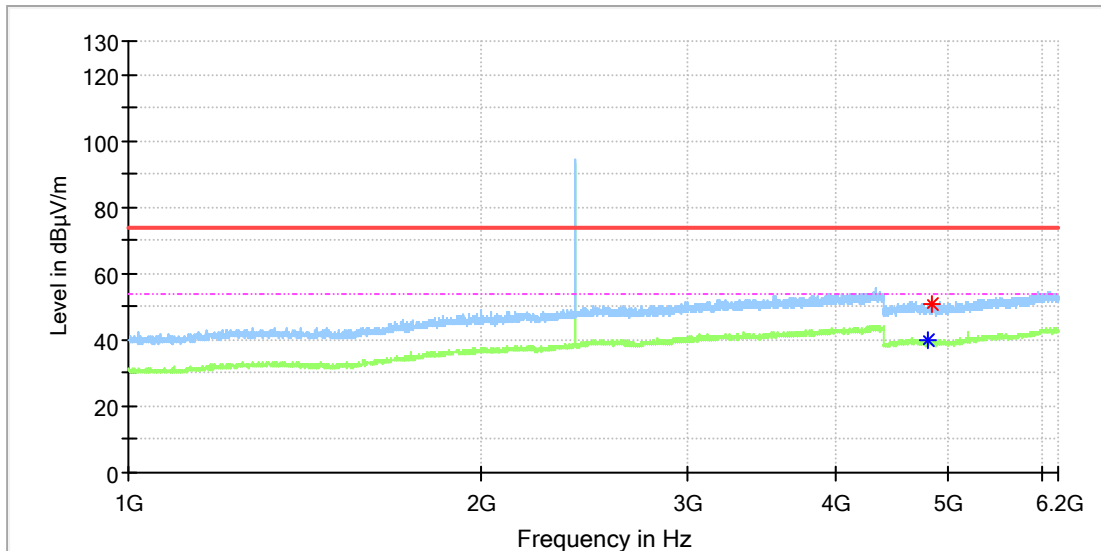
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	DJI Goggles 3
Model:	TKGS3
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168438695/A003598699-029
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

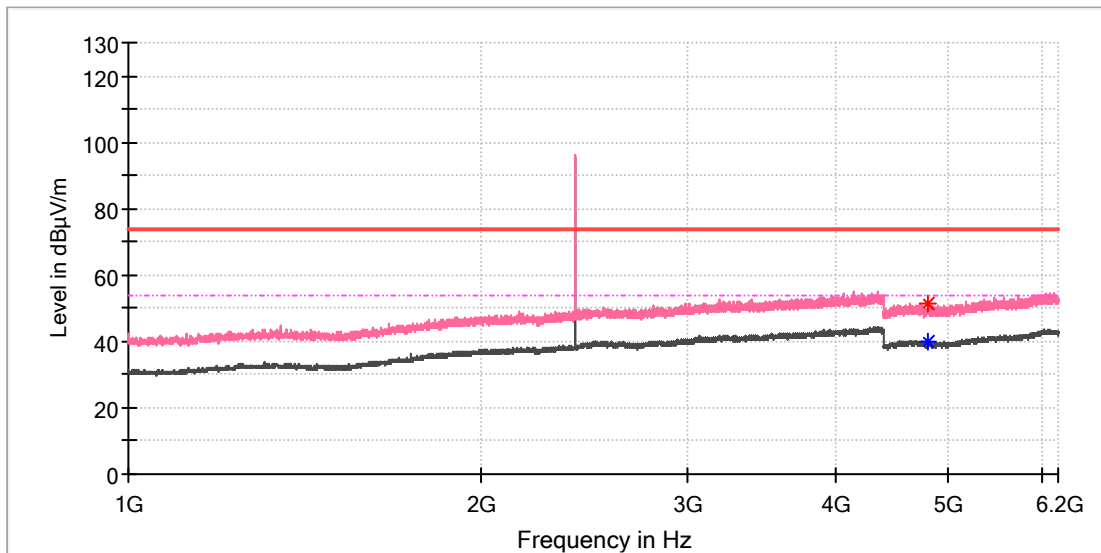
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.500000	---	39.66	54.00	14.34	150.0	H	274.0	11.8
4836.500000	50.73	---	74.00	23.27	150.0	H	281.0	11.8

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: BLE 1M_Low channel
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

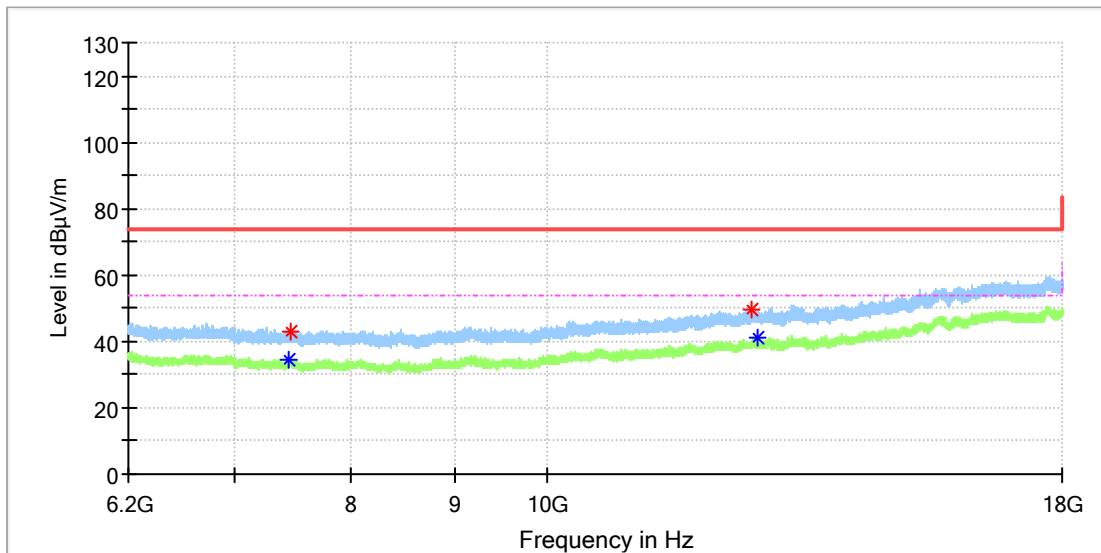
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4806.500000	51.15	---	74.00	22.85	150.0	V	94.0	11.8
4808.000000	---	39.63	54.00	14.37	150.0	V	55.0	11.8

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: BLE 1M_Low channel
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

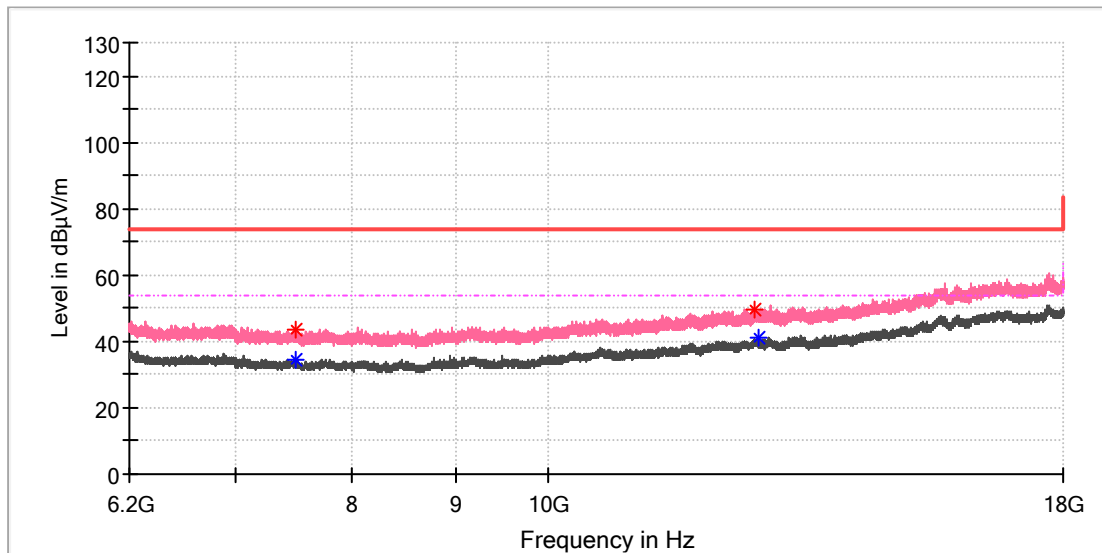
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	---	34.73	54.00	19.27	150.0	H	301.0	8.4
7457.683333	43.14	---	74.00	30.86	150.0	H	341.0	8.5
12630.508333	49.52	---	74.00	24.48	150.0	H	314.0	15.0
12716.058333	---	40.98	54.00	13.02	150.0	H	202.0	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 Goggles 3
 Model: TKGS3
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

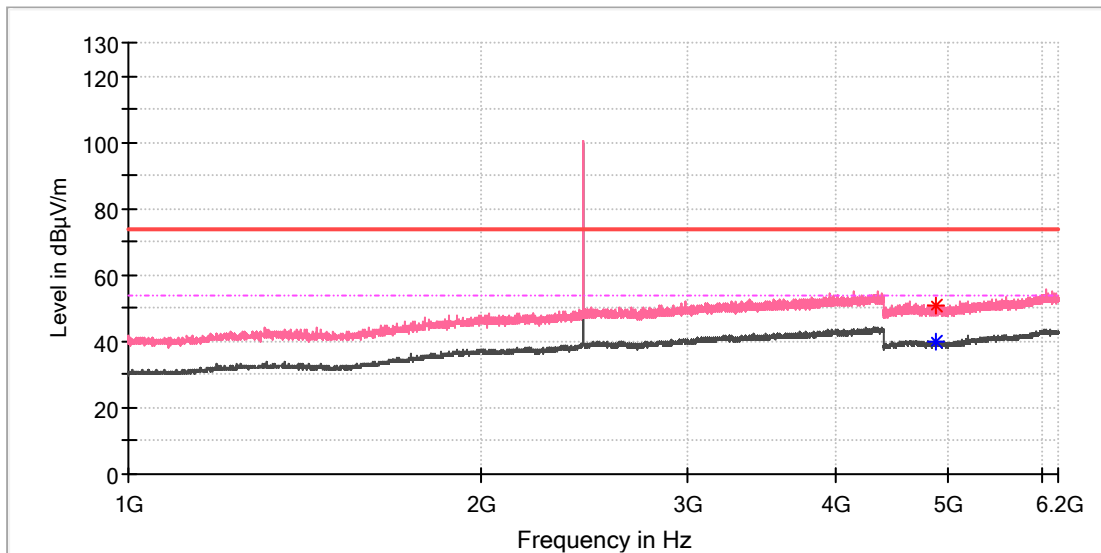
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7501.933333	43.43	---	74.00	30.57	150.0	V	119.0	8.7
7503.900000	---	34.61	54.00	19.39	150.0	V	202.0	8.7
12651.650000	49.55	---	74.00	24.45	150.0	V	342.0	15.0
12701.308333	---	41.23	54.00	12.77	150.0	V	83.0	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 Goggles 3
 Model: TKGS3
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

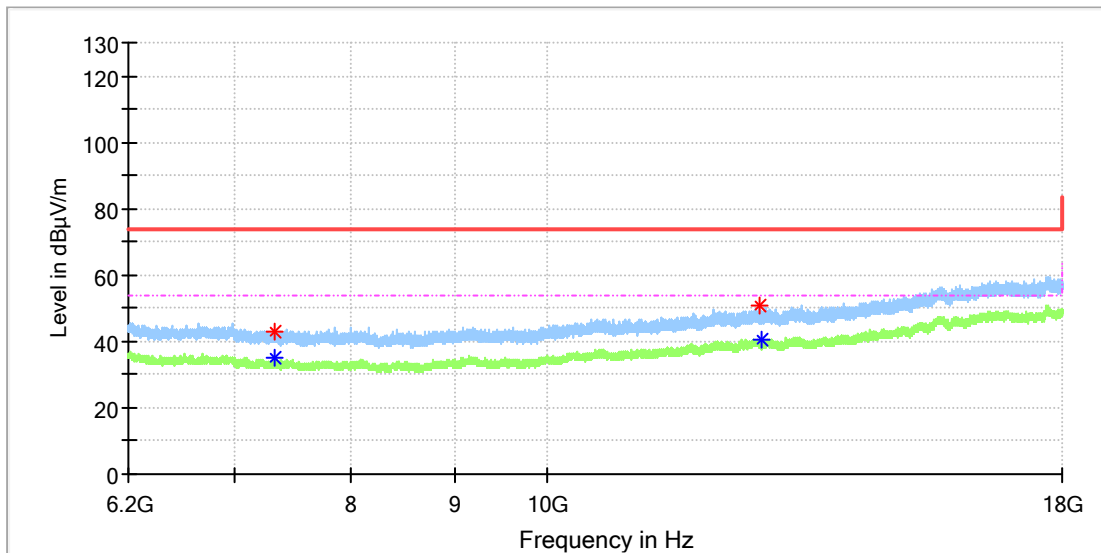
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	---	39.77	54.00	14.23	150.0	V	256.0	11.8
4877.500000	50.76	---	74.00	23.24	150.0	V	355.0	11.8

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: BLE 1M_Mid channel
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

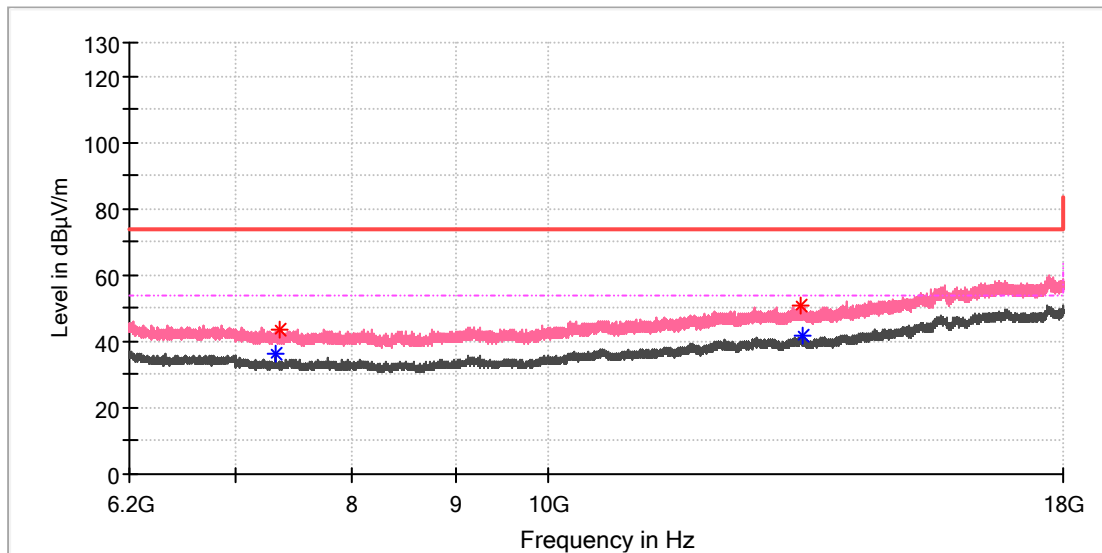
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7321.491667	42.93	---	74.00	31.07	150.0	H	193.0	8.2
7327.883333	---	34.82	54.00	19.18	150.0	H	182.0	8.1
12746.541667	50.54	---	74.00	23.46	150.0	H	316.0	15.2
12772.108333	---	40.70	54.00	13.30	150.0	H	99.0	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 Goggles 3
 Model: TKGS3
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

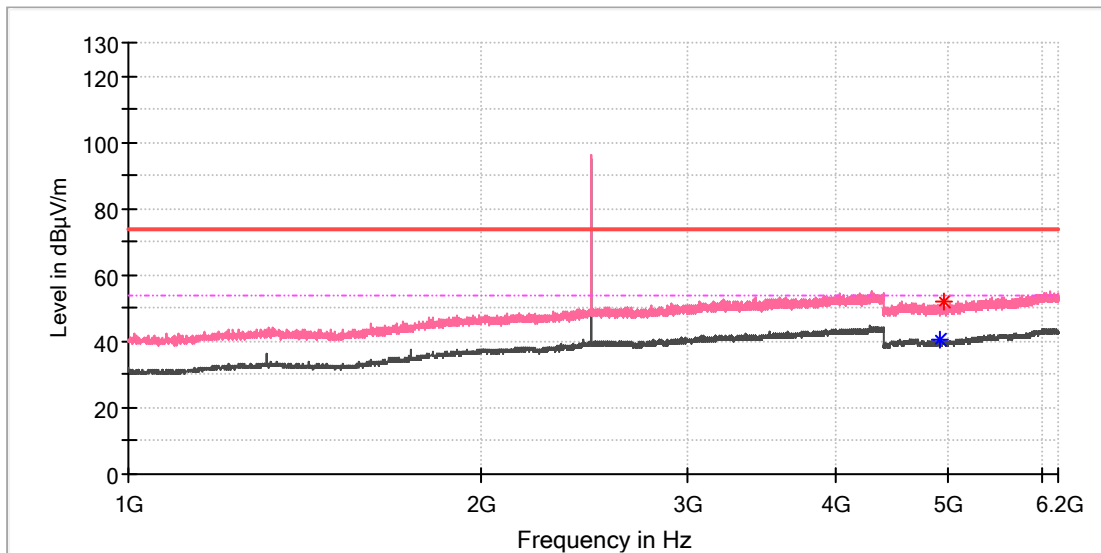
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.033333	---	36.10	54.00	17.90	150.0	V	165.0	8.2
7362.791667	43.44	---	74.00	30.56	150.0	V	93.0	8.2
13352.275000	50.64	---	74.00	23.36	150.0	V	152.0	15.5
13376.366667	---	41.56	54.00	12.44	150.0	V	6.0	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 Goggles 3
 Model: TKGS3
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

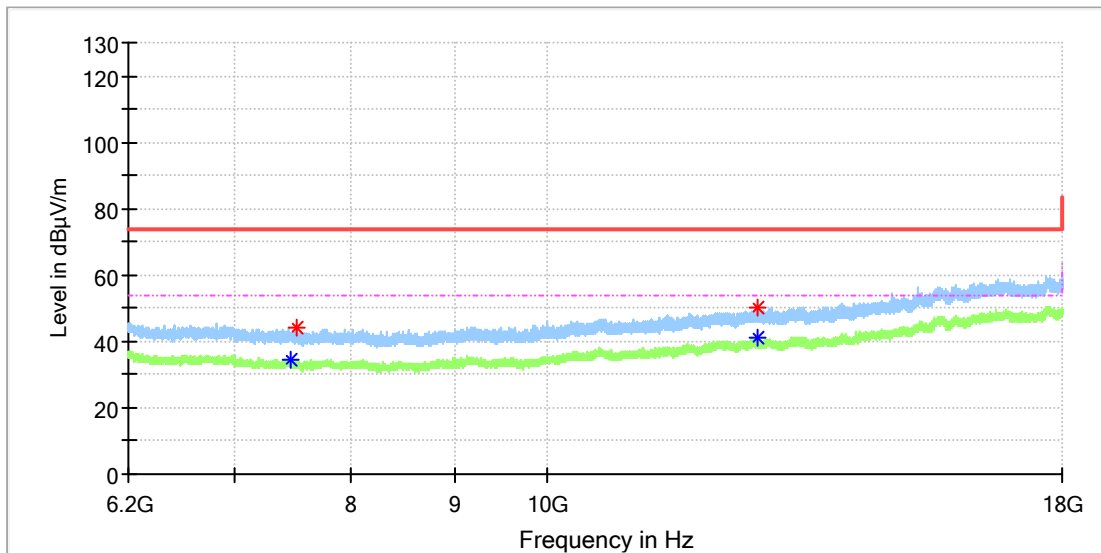
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4922.500000	---	40.44	54.00	13.56	150.0	V	221.0	11.8
4951.000000	51.75	---	74.00	22.25	150.0	V	308.0	11.8

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: BLE 1M_High channel
 Order No/Sample No: 168438695/A003598699-029
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

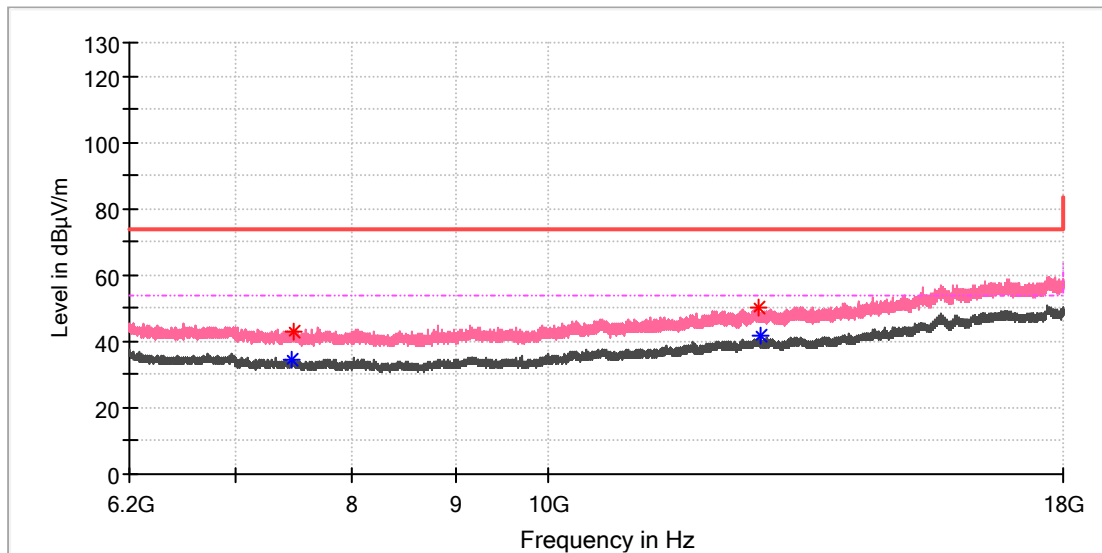
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7468.991667	---	34.32	54.00	19.68	150.0	H	0.0	8.6
7514.716667	43.99	---	74.00	30.01	150.0	H	66.0	8.7
12723.925000	50.35	---	74.00	23.65	150.0	H	43.0	15.2
12723.925000	---	41.11	54.00	12.89	150.0	H	43.0	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 Goggles 3
 Model: TKGS3
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168438695/A003598699-029
 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)
7461.125000	---	34.30	54.00	19.70	150.0	V	0.0	8.5
7473.908333	43.18	---	74.00	30.82	150.0	V	241.0	8.6
12719.008333	50.35	---	74.00	23.65	150.0	V	0.0	15.1
12729.825000	---	41.52	54.00	12.48	150.0	V	206.0	15.2

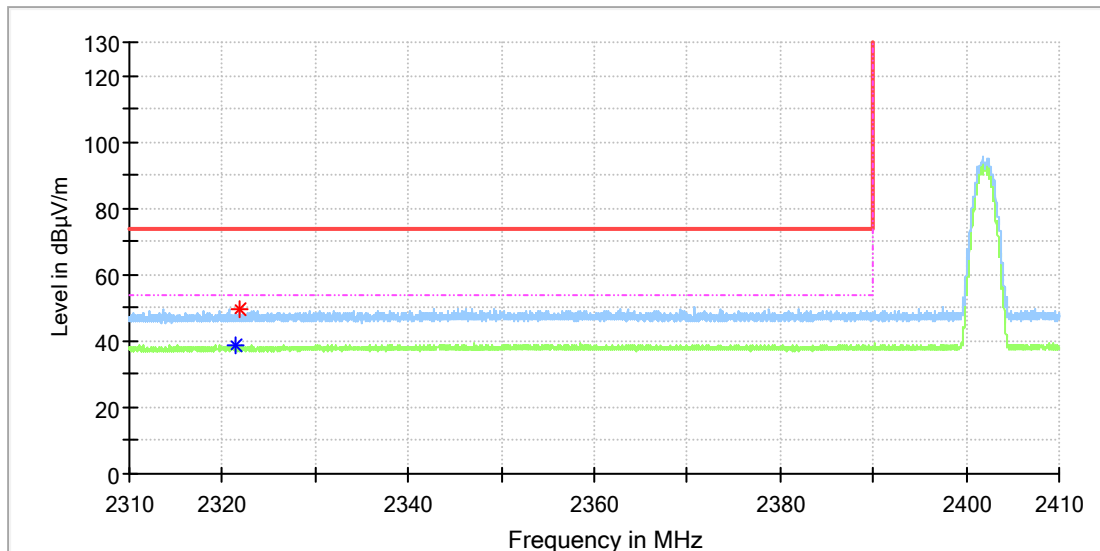
Final Result

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

EUT Information

EUT Name:	DJI Goggles 3
Model:	TKGS3
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168438695/A003598699-029
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)
2321.397059	---	38.69	54.00	15.31	150.0	H	10.0	6.6
2321.941177	49.61	---	74.00	24.39	150.0	H	0.0	6.6

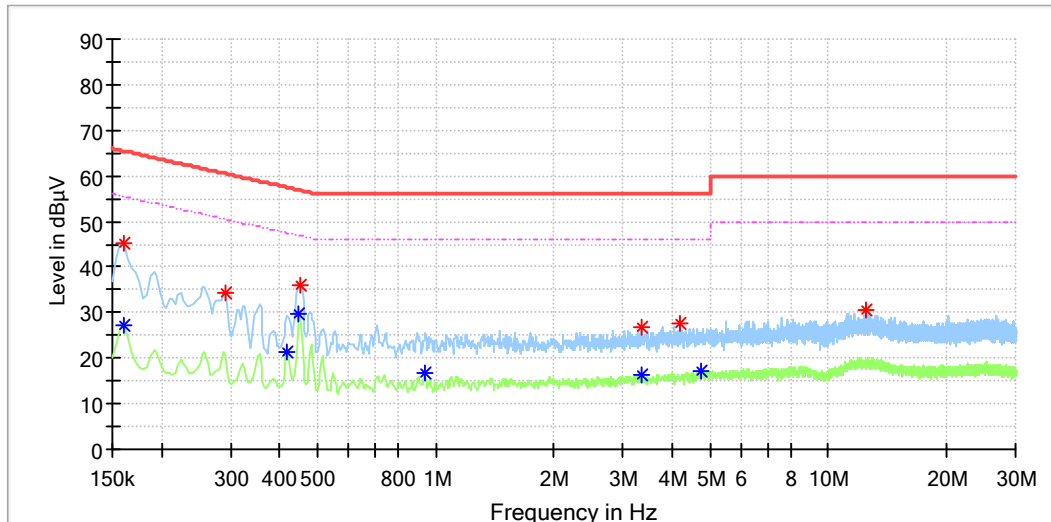
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: DJI Goggles 3
 Order Number: 168438695
 Model: TKGS3
 Test Mode: BT mode
 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

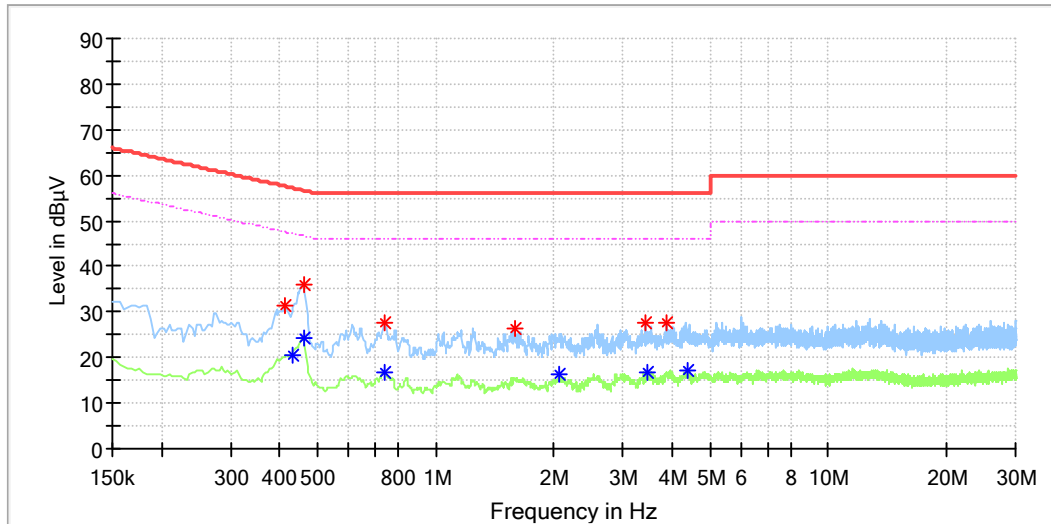


Critical Freqs

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: BT mode
 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