

Appendix A: Test Results of 5.2G SDR

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

5.2GHz SDR, 10MHz BW

SISO mode (Worst case_ANT1)

TestMode	Antenna	Channel	Result [dBm/500kHz]	Limit [dBm/MHz]	Verdict
10MHz	Ant1	5157	-3.06	≤11.00	PASS
		5200	10.11	≤11.00	PASS
		5245	10.89	≤11.00	PASS

10MHz_Ant1_5157



10MHz_Ant1_5200

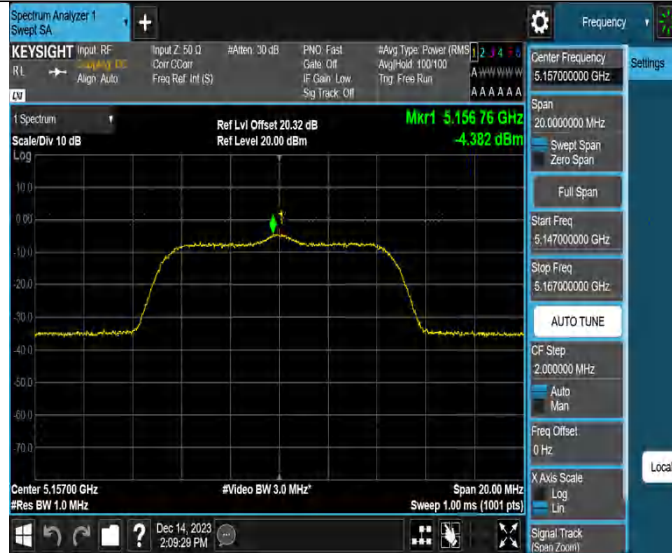




MIMO mode (Worst case_ANT0+ANT1)

TestMode	Antenna	Channel	Result [dBm/500kHz]	Limit [dBm/MHz]	Verdict
10MHz	Ant0	5157	-4.38	≤11.00	PASS
	Ant1	5157	-7.45	≤11.00	PASS
	Total	5157	-2.64	≤11.00	PASS
	Ant0	5200	8.68	≤11.00	PASS
	Ant1	5200	4.87	≤11.00	PASS
	Total	5200	10.19	≤11.00	PASS
	Ant0	5245	6.09	≤11.00	PASS
	Ant1	5245	8.31	≤11.00	PASS
	Total	5245	10.35	≤11.00	PASS

10MHz_Ant0_5157



10MHz_Ant1_5157



10MHz_Ant0_5200



10MHz_Ant1_5200



10MHz_Ant0_5245



10MHz_Ant1_5245

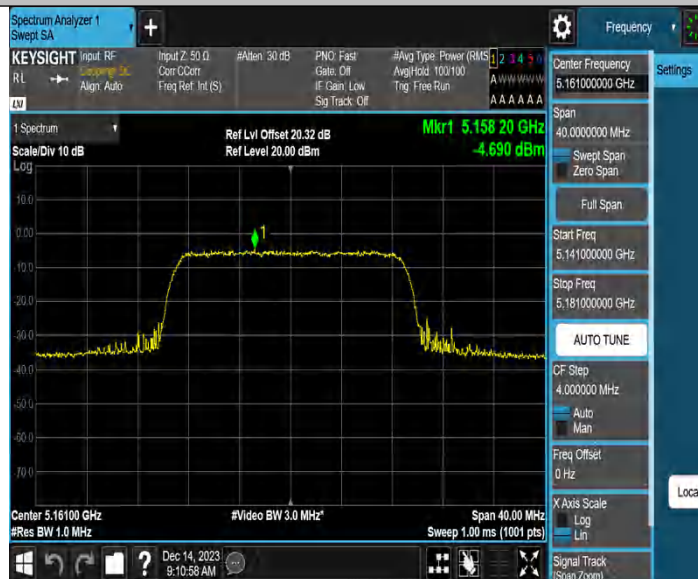


5.2GHz SDR, 20MHz BW

SISO mode (Worst case_ANT1)

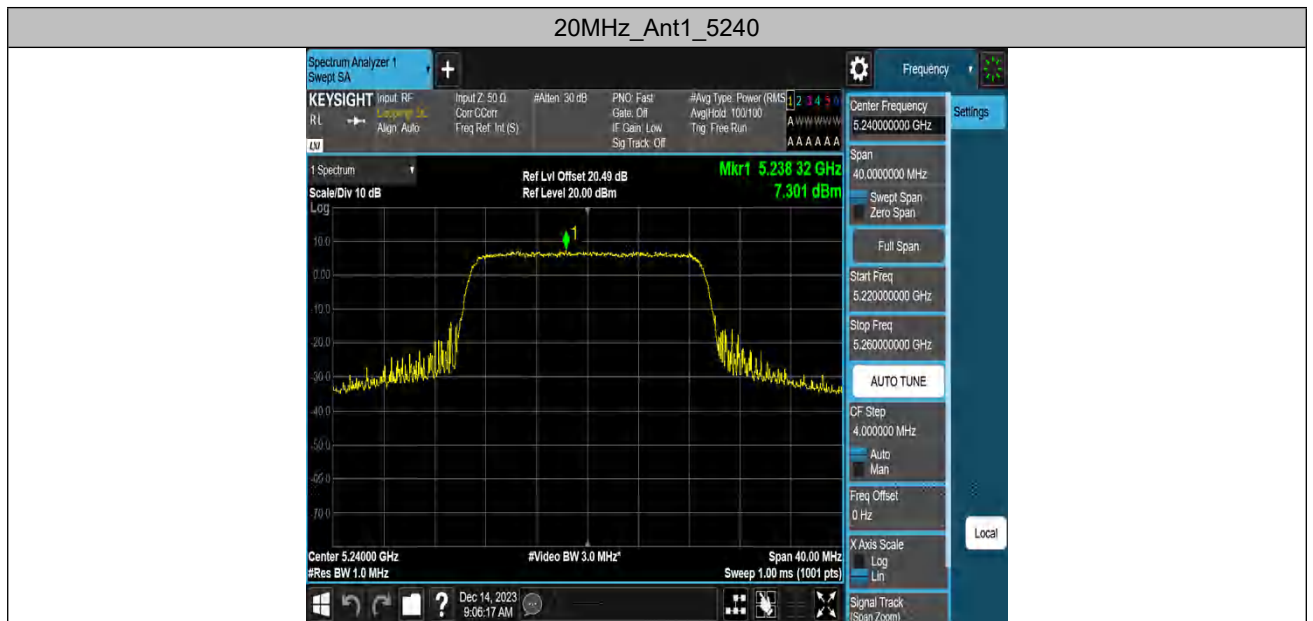
TestMode	Antenna	Channel	Result [dBm/500kHz]	Limit [dBm/MHz]	Verdict
20MHz	Ant1	5161	-4.69	≤11.00	PASS
		5200	7.28	≤11.00	PASS
		5240	7.30	≤11.00	PASS

20MHz_Ant1_5161



20MHz_Ant1_5200

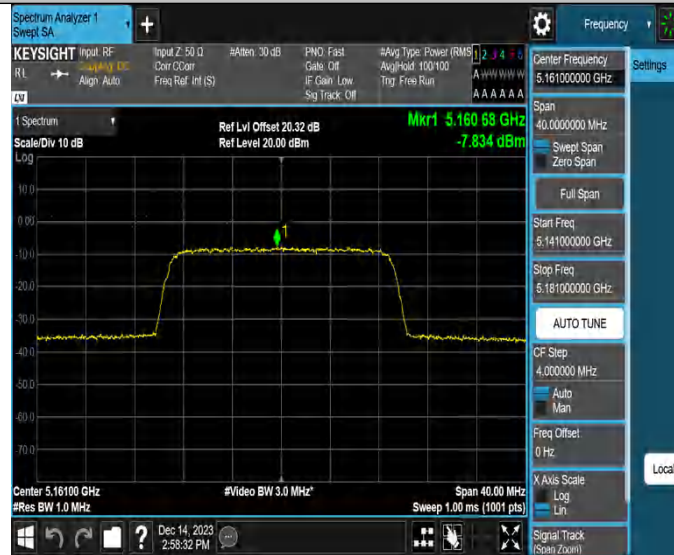




MIMO mode (Worst case_ANT0+ANT1)

TestMode	Antenna	Channel	Result [dBm/500kHz]	Limit [dBm/MHz]	Verdict
20MHz	Ant1	5161	-7.83	≤11.00	PASS
	Ant2	5161	-6.51	≤11.00	PASS
	Total	5161	-4.11	≤11.00	PASS
	Ant1	5200	5.45	≤11.00	PASS
	Ant2	5200	6.10	≤11.00	PASS
	Total	5200	8.8	≤11.00	PASS
	Ant1	5240	3.01	≤11.00	PASS
	Ant2	5240	5.37	≤11.00	PASS
	Total	5240	7.36	≤11.00	PASS

20MHz_Ant0_5161



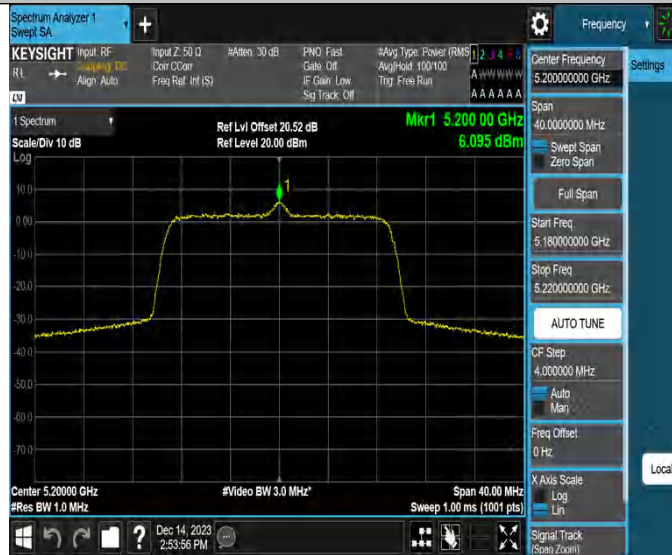
20MHz_Ant1_5161



20MHz_Ant0_5200



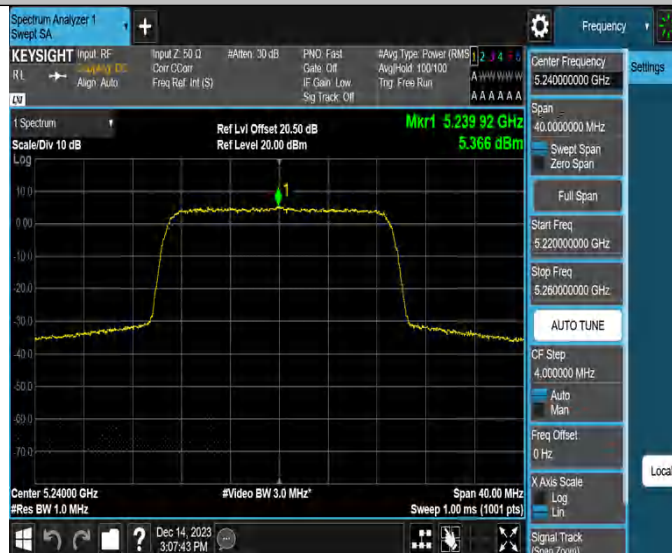
20MHz_Ant1_5200



20MHz_Ant0_5240



20MHz_Ant1_5240



5.2GHz SDR, 40MHz BW

SISO mode (Worst case_ANT1)

TestMode	Antenna	Channel	Result [dBm/500kHz]	Limit [dBm/MHz]	Verdict
40MHz	Ant1	5170	0.94	≤11.00	PASS
		5200	8.32	≤11.00	PASS
		5230	7.82	≤11.00	PASS

40MHz_Ant1_5170



40MHz_Ant1_5200





MIMO mode (Worst case_ANT0+ANT1)

TestMode	Antenna	Channel	Result [dBm/500kHz]	Limit [dBm/MHz]	Verdict
40MHz	Ant0	5170	-4.63	≤11.00	PASS
	Ant1	5170	-7.13	≤11.00	PASS
	Total	5170	-2.69	≤11.00	PASS
	Ant0	5200	4.93	≤11.00	PASS
	Ant1	5200	1.46	≤11.00	PASS
	Total	5200	6.54	≤11.00	PASS
	Ant0	5230	1.95	≤11.00	PASS
	Ant1	5230	1.51	≤11.00	PASS
	Total	5230	4.75	≤11.00	PASS

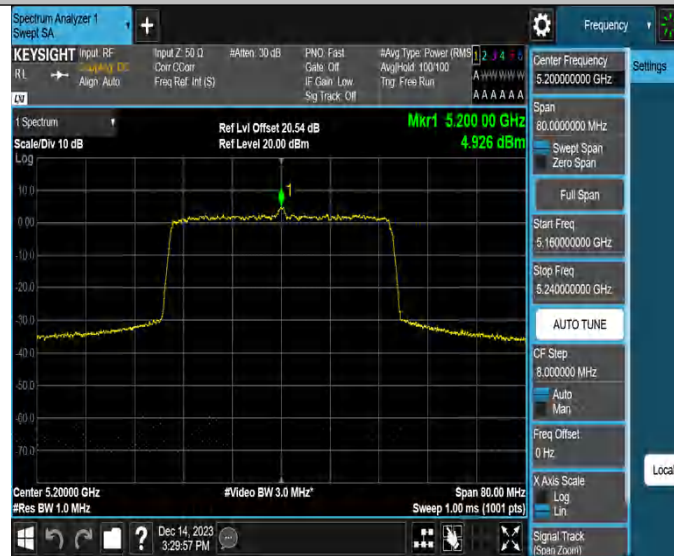
40MHz_Ant0_5170



40MHz_Ant1_5170



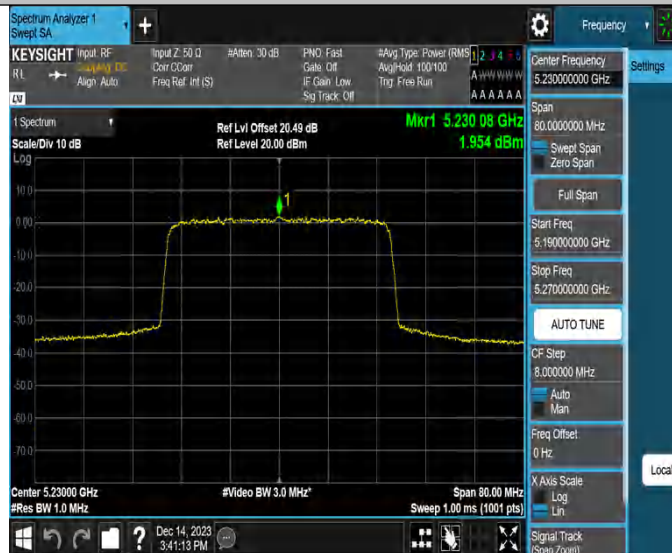
40MHz_Ant0_5200



40MHz_Ant1_5200



40MHz_Ant0_5230



40MHz_Ant1_5230



Appendix A.2: Test Results of Frequency Stability

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+ANT1) was presented in this report.

Voltage							
TestMode	Antenna	Channel	Voltage [Vdc]	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
10MHz	Ant0	5157	na	-7000.00	-1.357378	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5245	na	-8000.00	-1.525262	20	PASS
20MHz	Ant0	5161	na	-7000.00	-1.356326	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5240	na	-7000.00	-1.335878	20	PASS
40MHz	Ant0	5170	na	-7000.00	-1.353965	20	PASS
		5200	na	-7000.00	-1.346154	20	PASS
		5230	na	-8000.00	-1.529637	20	PASS

Appendix A.3: Test Results of 26dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+ANT1) was presented in this report.

5.2GHz SDR, 10MHz BW

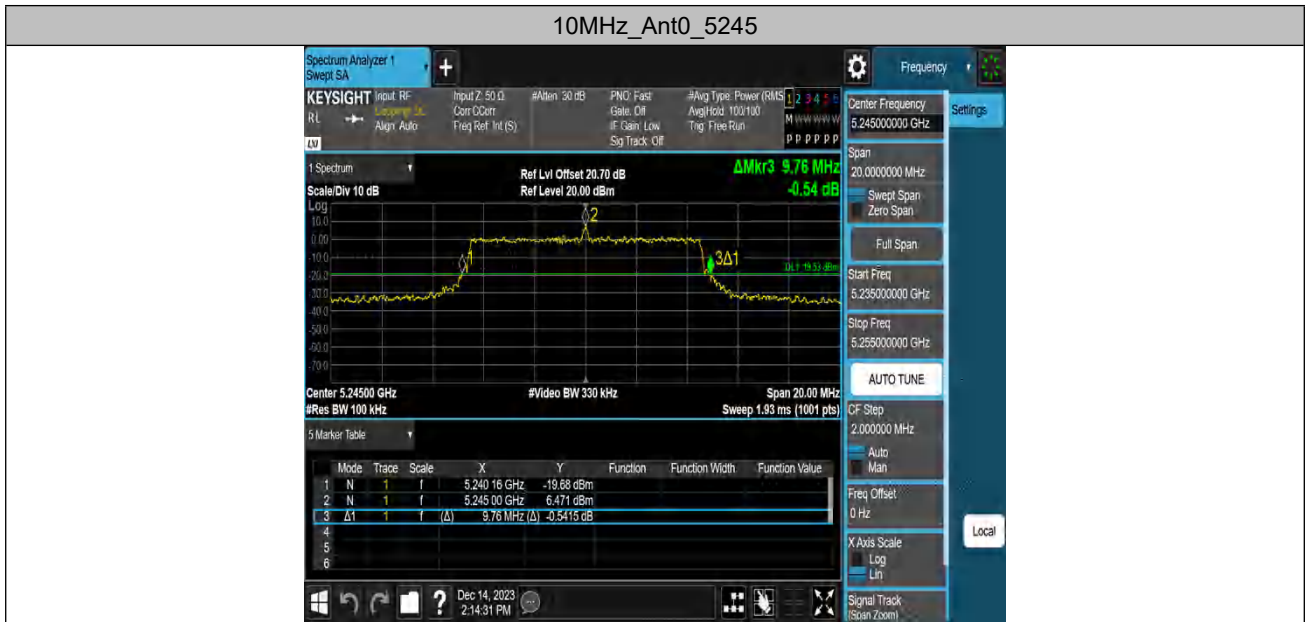
TestMode	Antenna	Channel	26Db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
10MHz	Ant0	5157	9.900	5152.160	5162.060	---	PASS
		5200	9.820	5195.100	5204.920	---	PASS
		5245	9.760	5240.160	5249.920	---	PASS

10MHz_Ant0_5157



10MHz_Ant0_5200





5.2GHz SDR, 20MHz BW

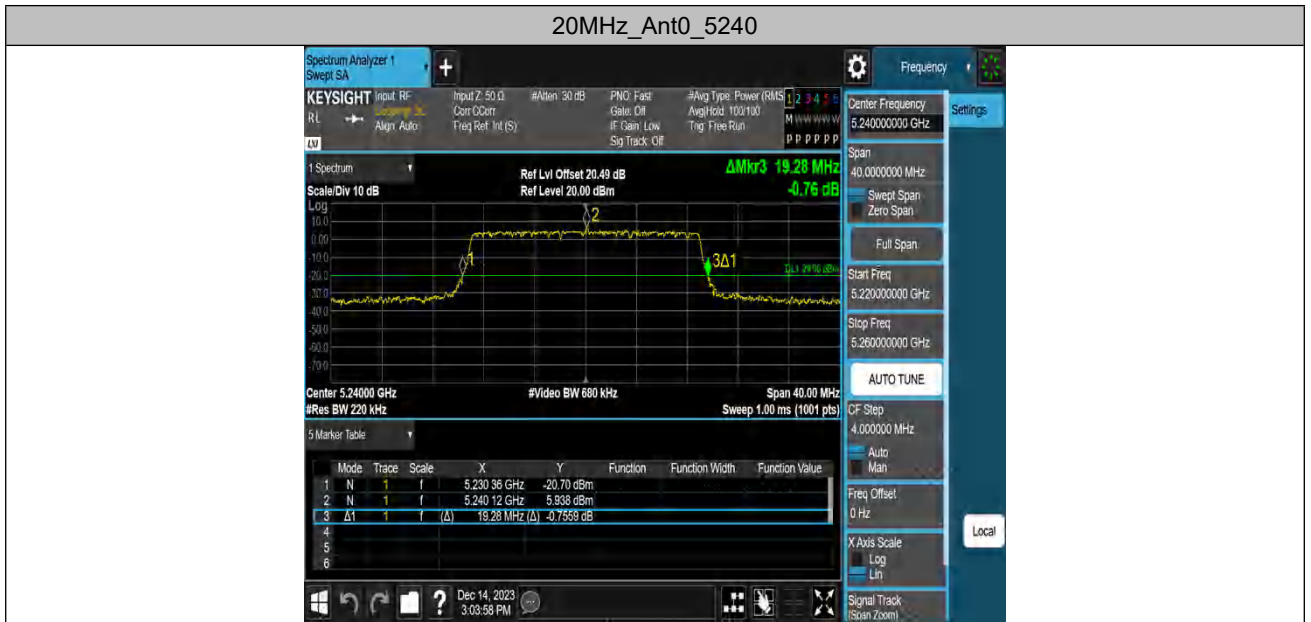
TestMode	Antenna	Channel	26Db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
20MHz	Ant0	5161	19.320	5151.440	5170.760	---	PASS
		5200	19.440	5190.360	5209.800	---	PASS
		5240	19.280	5230.360	5249.640	---	PASS

20MHz_Ant0_5161



20MHz_Ant0_5200





5.2GHz SDR, 40MHz BW

TestMode	Antenna	Channel	26Db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
40MHz	Ant0	5170	37.920	5151.280	5189.200	---	PASS
		5200	37.840	5181.200	5219.040	---	PASS
		5230	37.360	5211.280	5248.640	---	PASS

40MHz_Ant0_5170



40MHz_Ant0_5200



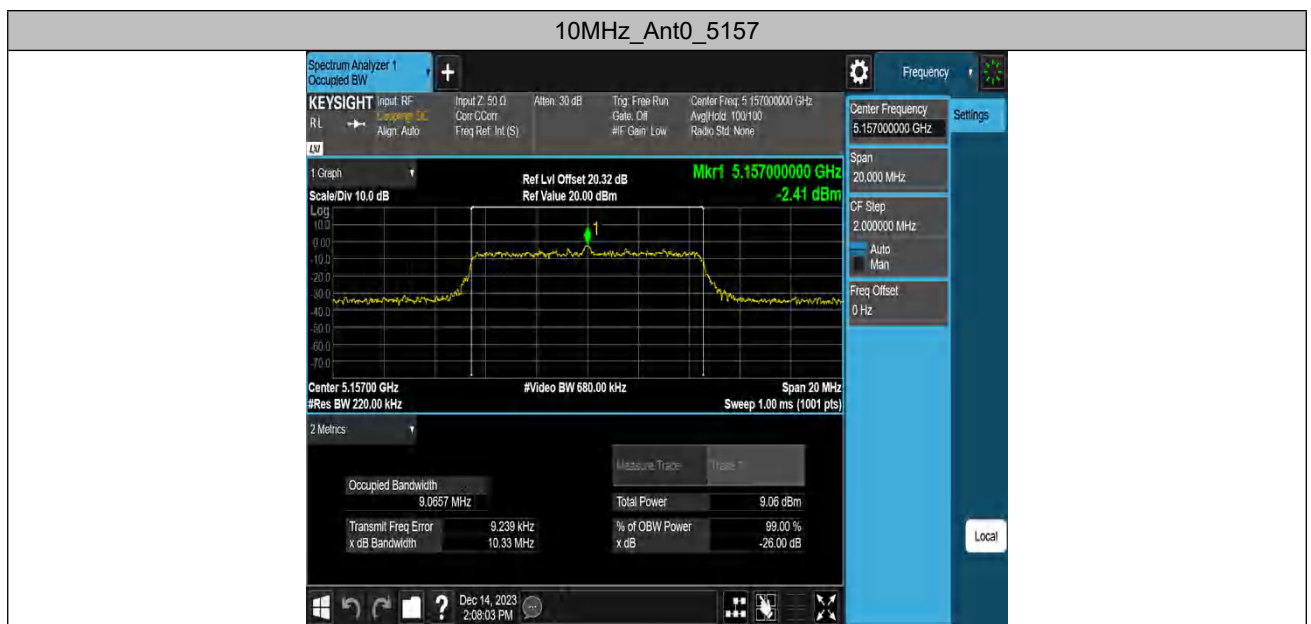


Appendix A.4: Test Results of 99% Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+ANT1) was presented in this report.

5.2GHz SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
10MHz	Ant0	5157	9.0657	5152.4764	5161.5421	---	PASS
		5200	9.0507	5195.4780	5204.5287	---	PASS
		5245	9.0568	5240.4774	5249.5342	---	PASS





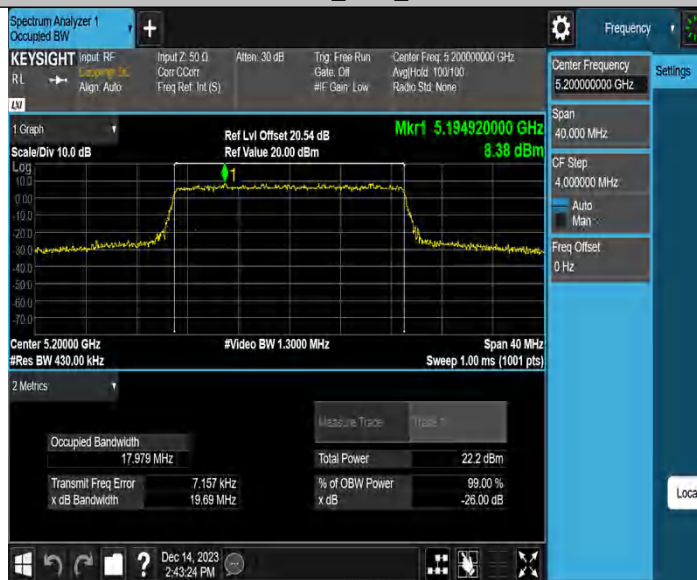
5.2GHz SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
20MHz	Ant0	5161	18.032	5151.9865	5170.0185	---	PASS
		5200	17.979	5191.0177	5208.9967	---	PASS
		5240	17.952	5231.0238	5248.9758	---	PASS

20MHz_Ant0_5161



20MHz_Ant0_5200

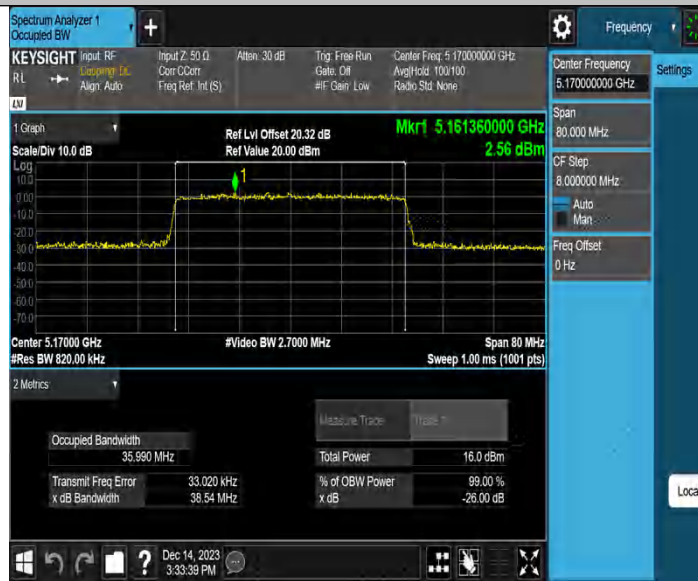




5.2GHz SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
40MHz	Ant0	5170	35.990	5152.0380	5188.0280	---	PASS
		5200	35.863	5182.1379	5218.0009	---	PASS
		5230	35.864	5212.0918	5247.9558	---	PASS

40MHz_Ant0_5170



40MHz_Ant0_5200





Appendix A.5: Test Results of Radiated Spurious Emissions

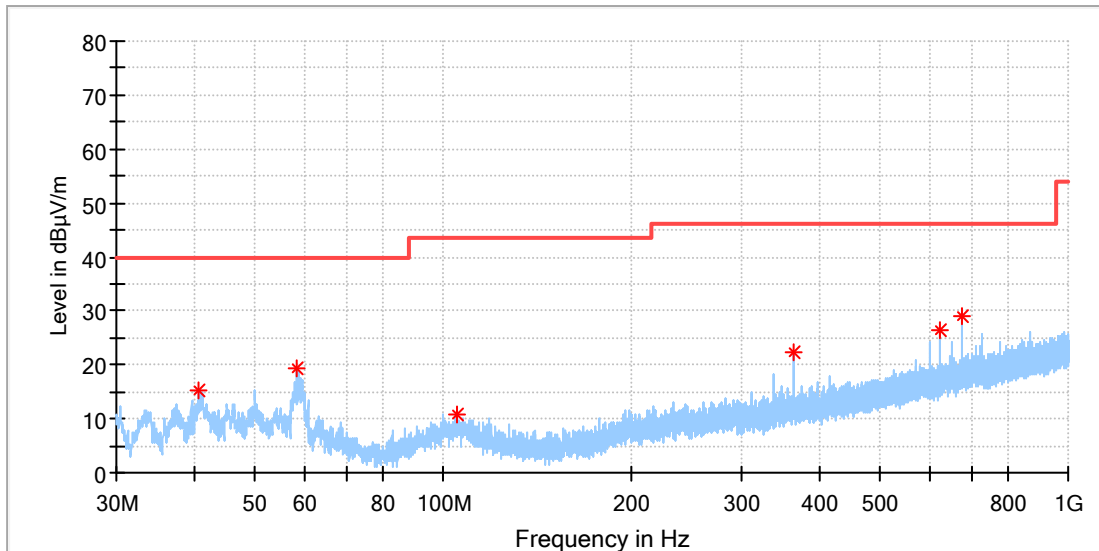
Note:

- 1) This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT0+ANT1) was presented in this report.
- 2) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 3) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	DJI Goggles 3
Model:	TKGS3
Test Mode:	SDR 5.2G_10M_5200MHz
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

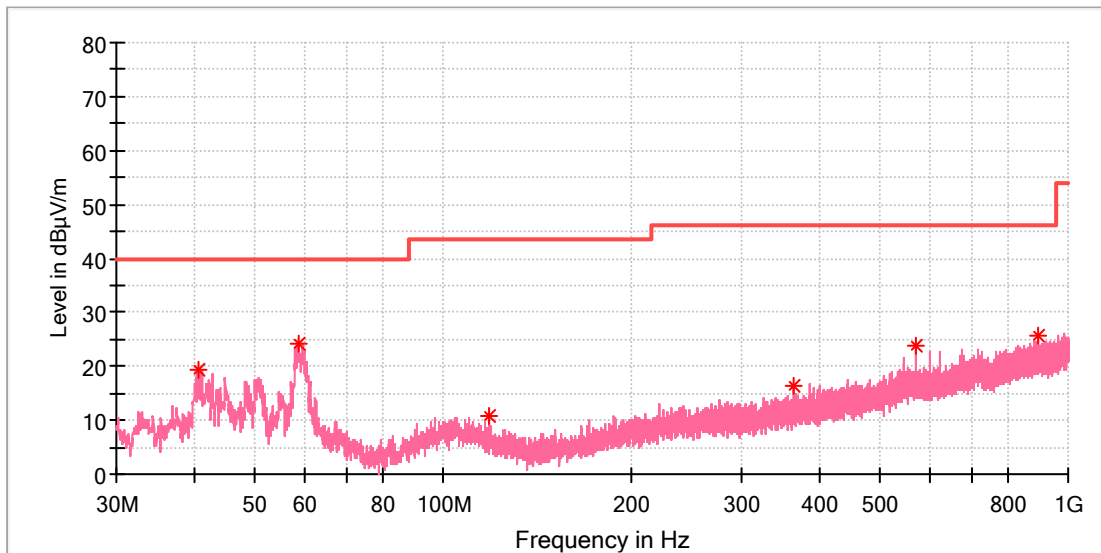
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.744615	15.42	40.00	24.58	100.0	H	82.0	-20.2
58.241923	19.32	40.00	20.68	100.0	H	291.0	-19.1
104.988462	10.85	43.50	32.65	100.0	H	136.0	-19.1
364.015769	22.48	46.00	23.52	100.0	H	204.0	-14.9
624.013077	26.48	46.00	19.52	100.0	H	178.0	-9.8
676.020000	29.09	46.00	16.91	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: SDR 5.2G_10M_5200MHz
 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)
40.483462	19.44	40.00	20.56	100.0	V	40.0	-20.3
58.577692	24.12	40.00	15.88	100.0	V	337.0	-19.1
118.755000	10.74	43.50	32.76	100.0	V	290.0	-20.8
364.015769	16.44	46.00	29.56	100.0	V	290.0	-14.9
572.006154	23.64	46.00	22.36	100.0	V	81.0	-10.7
896.433846	25.64	46.00	20.36	100.0	V	190.0	-5.4

Final Result

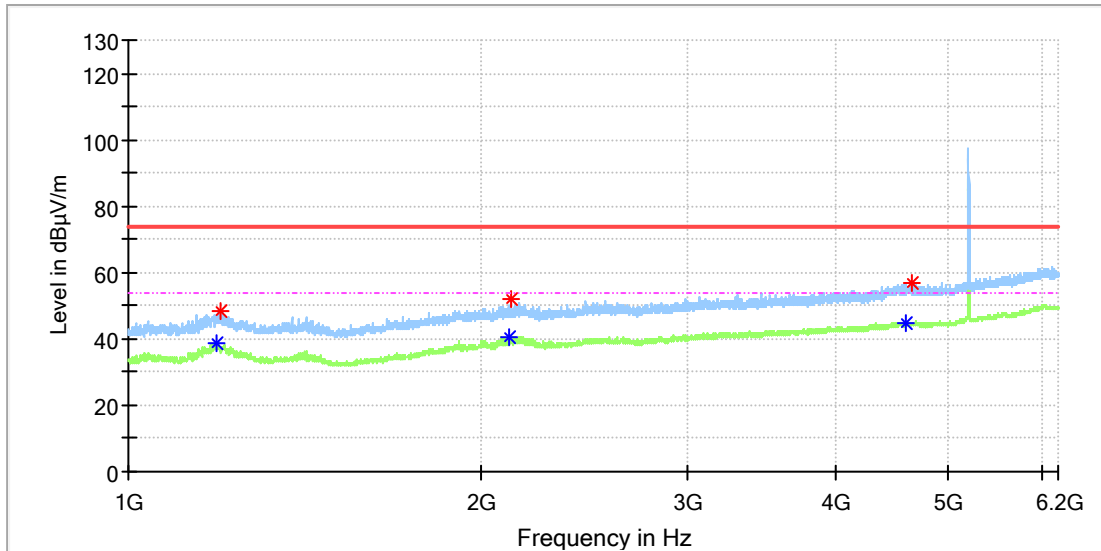
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 5.2GHz SDR Fundamental.

EUT Information

EUT Name: DJI Goggles 3
 Model: TKGS3
 Test Mode: SDR 5.2G_10M_5200MHz
 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

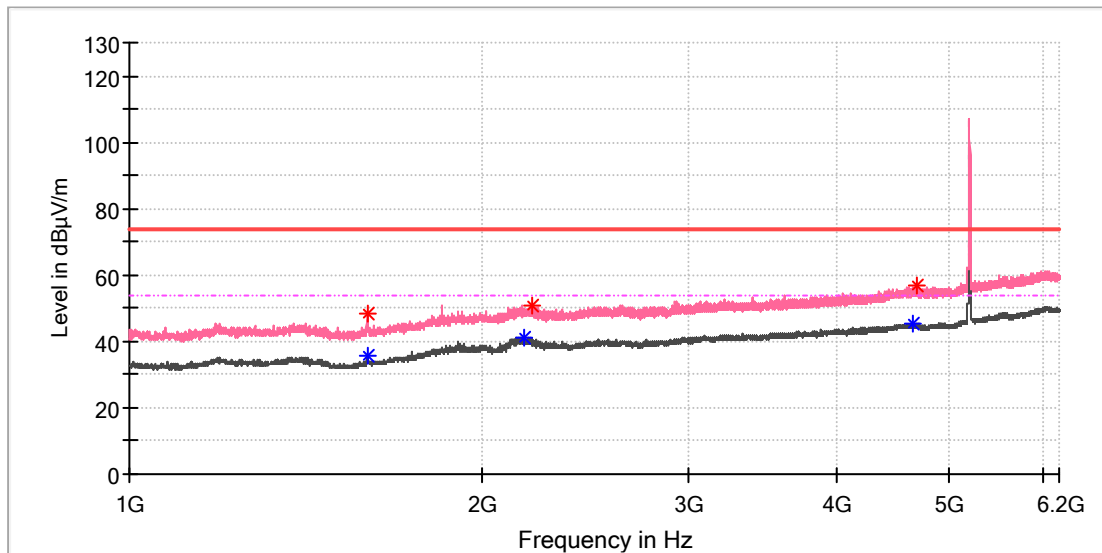
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1187.500000	---	38.91	54.00	15.09	150.0	H	200.0	1.0
1197.000000	48.46	---	74.00	25.54	150.0	H	192.0	1.1
2113.000000	---	40.79	54.00	13.21	150.0	H	200.0	6.1
2116.500000	51.72	---	74.00	22.28	150.0	H	200.0	6.1
4606.500000	---	45.00	54.00	9.00	150.0	H	203.0	12.0
4650.500000	57.08	---	74.00	16.92	150.0	H	230.0	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: SDR 5.2G_10M_5200MHz
 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

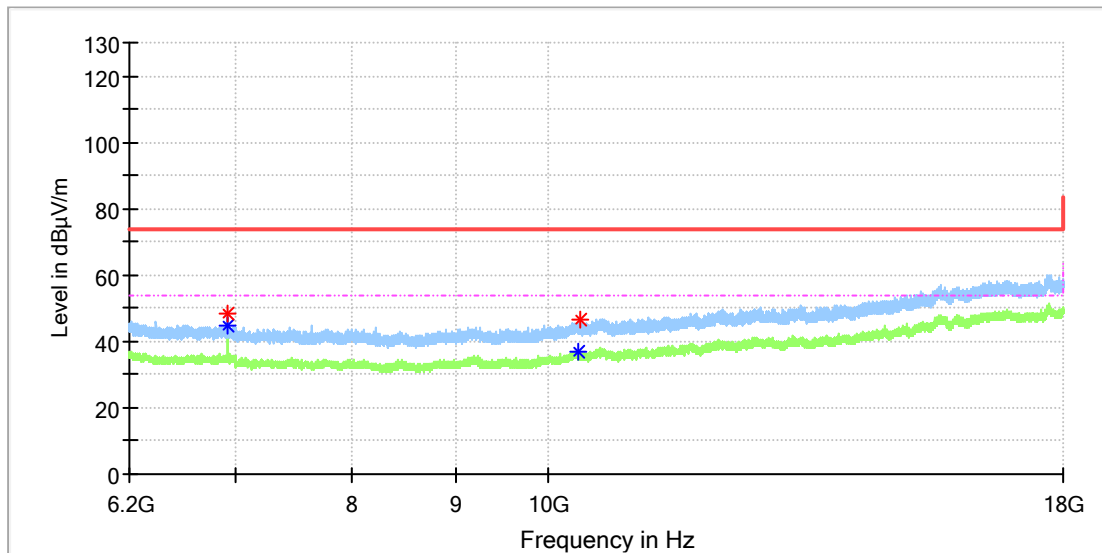
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1595.500000	---	35.79	54.00	18.21	150.0	V	298.0	2.0
1595.500000	48.50	---	74.00	25.50	150.0	V	298.0	2.0
2172.500000	---	41.03	54.00	12.97	150.0	V	305.0	6.2
2200.500000	50.87	---	74.00	23.13	150.0	V	313.0	6.3
4644.500000	---	45.25	54.00	8.75	150.0	V	141.0	12.0
4681.000000	56.83	---	74.00	17.17	150.0	V	119.0	12.0

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: SDR 5.2G_10M_5200MHz
 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

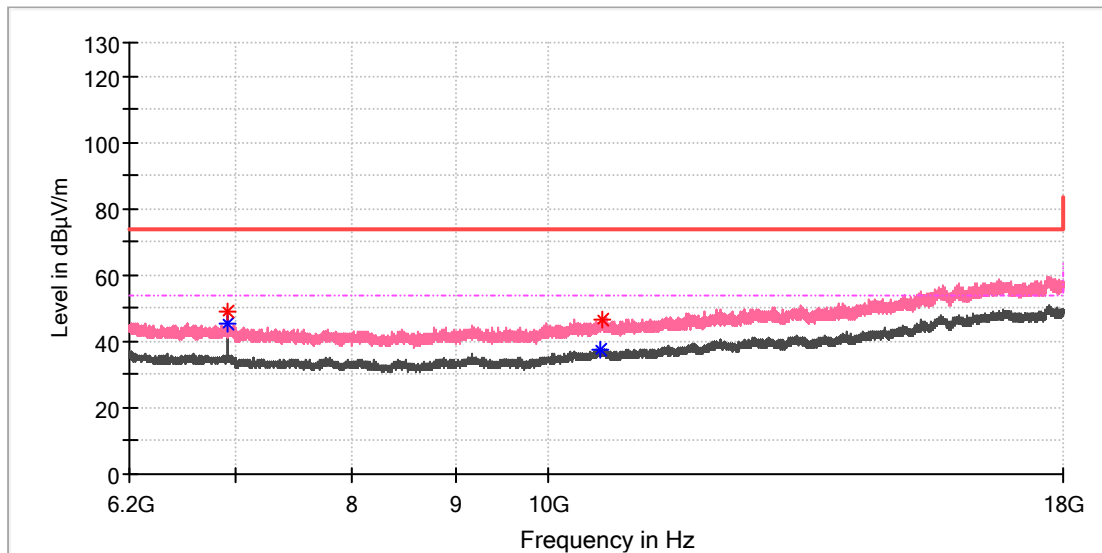
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	48.62	---	74.00	25.38	150.0	H	308.0	8.6
6933.566667	---	44.48	54.00	9.52	150.0	H	308.0	8.6
10344.258333	---	37.02	54.00	16.98	150.0	H	285.0	11.7
10368.350000	46.56	---	74.00	27.44	150.0	H	19.0	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: SDR 5.2G_10M_5200MHz
 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

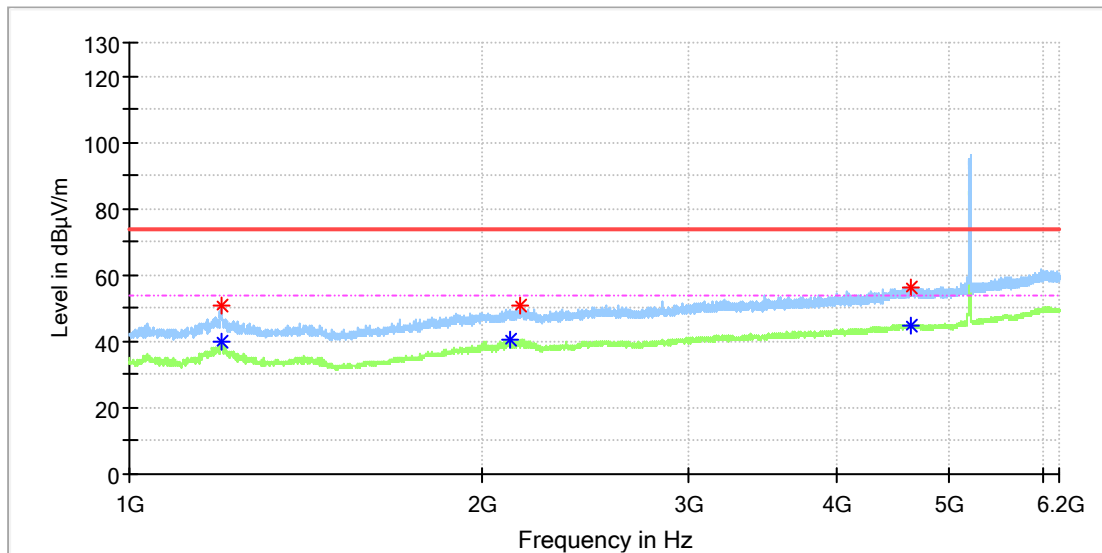
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	49.06	---	74.00	24.94	150.0	V	77.0	8.6
6933.075000	---	45.36	54.00	8.64	150.0	V	77.0	8.6
10607.300000	---	37.47	54.00	16.53	150.0	V	141.0	12.1
10628.933333	46.67	---	74.00	27.33	150.0	V	154.0	12.0

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: SDR 5.2G_20M_5200MHz
 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

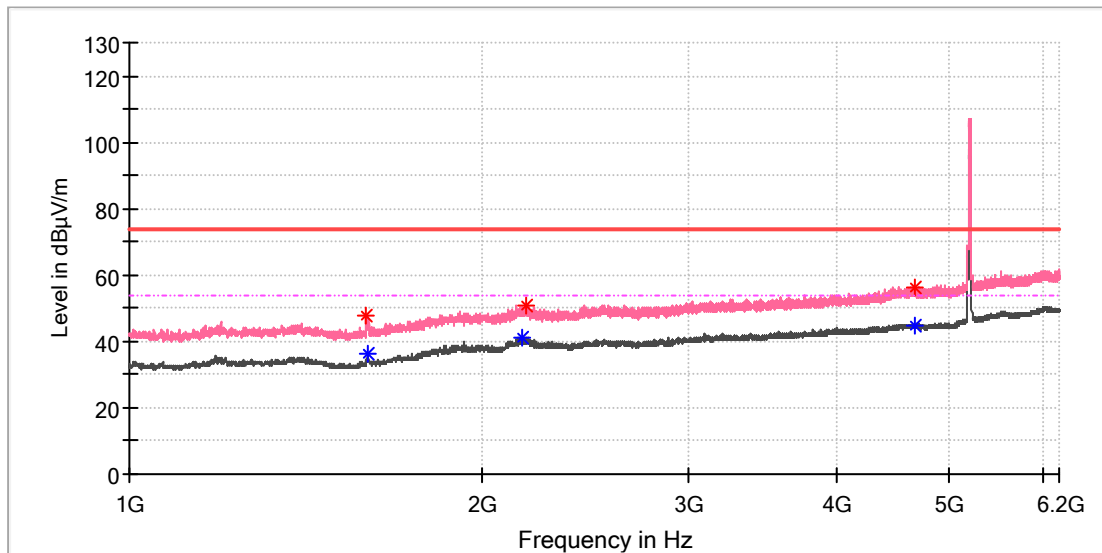
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.000000	50.67	---	74.00	23.33	150.0	H	193.0	1.1
1196.500000	---	39.98	54.00	14.02	150.0	H	193.0	1.1
2107.000000	---	40.39	54.00	13.61	150.0	H	215.0	6.1
2149.500000	50.53	---	74.00	23.47	150.0	H	201.0	6.2
4632.500000	56.30	---	74.00	17.70	150.0	H	250.0	12.0
4632.500000	---	44.96	54.00	9.04	150.0	H	250.0	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: SDR 5.2G_20M_5200MHz
 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

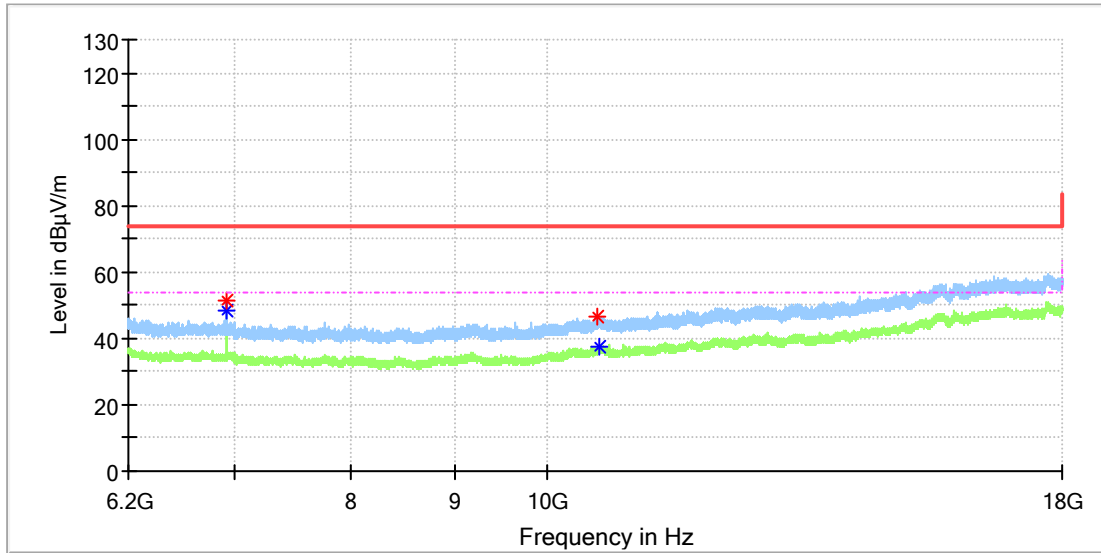
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1593.000000	48.02	---	74.00	25.98	150.0	V	301.0	2.0
1597.000000	---	36.30	54.00	17.70	150.0	V	258.0	2.1
2162.000000	---	41.08	54.00	12.92	150.0	V	293.0	6.2
2176.000000	50.61	---	74.00	23.39	150.0	V	315.0	6.3
4671.000000	---	45.03	54.00	8.97	150.0	V	251.0	12.0
4673.000000	56.18	---	74.00	17.82	150.0	V	87.0	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: SDR 5.2G_20M_5200MHz
 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

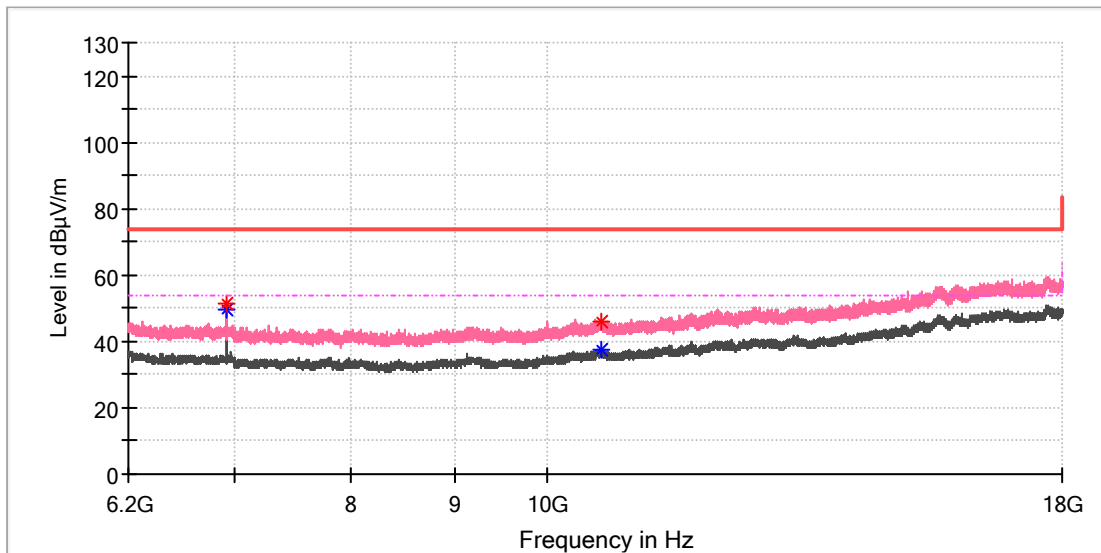
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.566667	51.59	---	74.00	22.41	150.0	H	312.0	8.6
6933.566667	---	48.40	54.00	5.60	150.0	H	312.0	8.6
10581.241667	46.74	---	74.00	27.26	150.0	H	115.0	12.0
10600.908333	---	37.31	54.00	16.69	150.0	H	78.0	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: SDR 5.2G_20M_5200MHz
 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

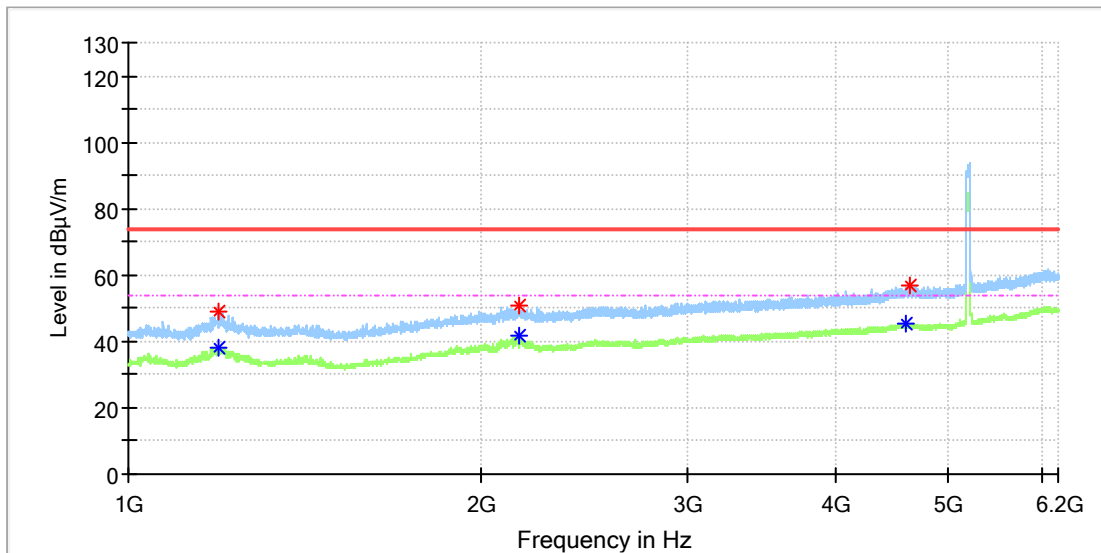
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	51.31	---	74.00	22.69	150.0	V	64.0	8.6
6933.075000	---	49.84	54.00	4.16	150.0	V	64.0	8.6
10628.441667	---	37.77	54.00	16.23	150.0	V	220.0	12.0
10640.241667	46.24	---	74.00	27.76	150.0	V	305.0	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: SDR 5.2G_40M_5200MHz
 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

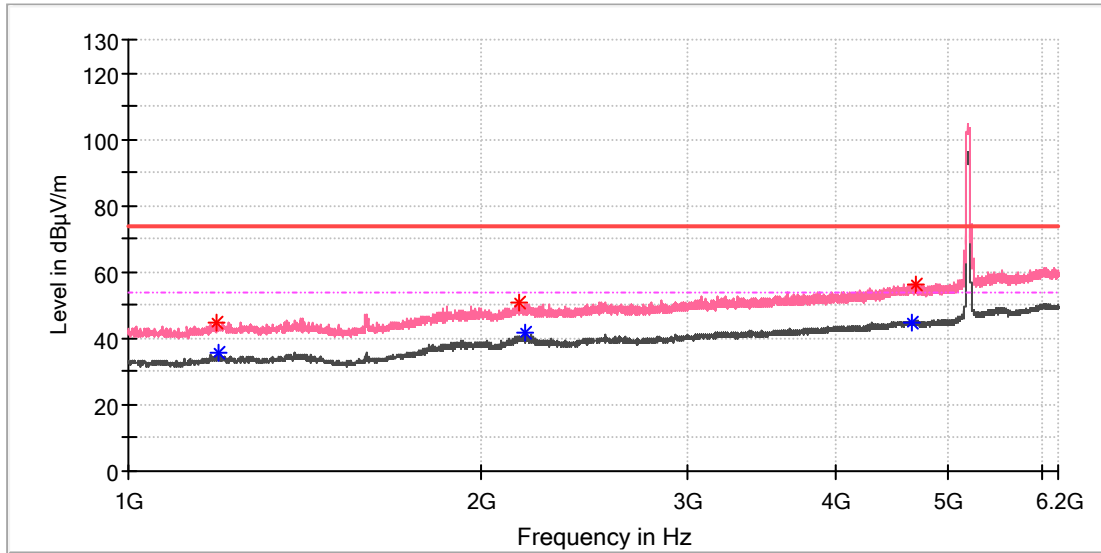
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1194.500000	48.98	---	74.00	25.02	150.0	H	196.0	1.1
1195.000000	---	38.09	54.00	15.91	150.0	H	196.0	1.1
2152.000000	50.79	---	74.00	23.21	150.0	H	210.0	6.2
2152.000000	---	41.57	54.00	12.43	150.0	H	210.0	6.2
4601.000000	---	45.31	54.00	8.69	150.0	H	334.0	12.0
4636.500000	56.96	---	74.00	17.04	150.0	H	124.0	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: SDR 5.2G_40M_5200MHz
 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

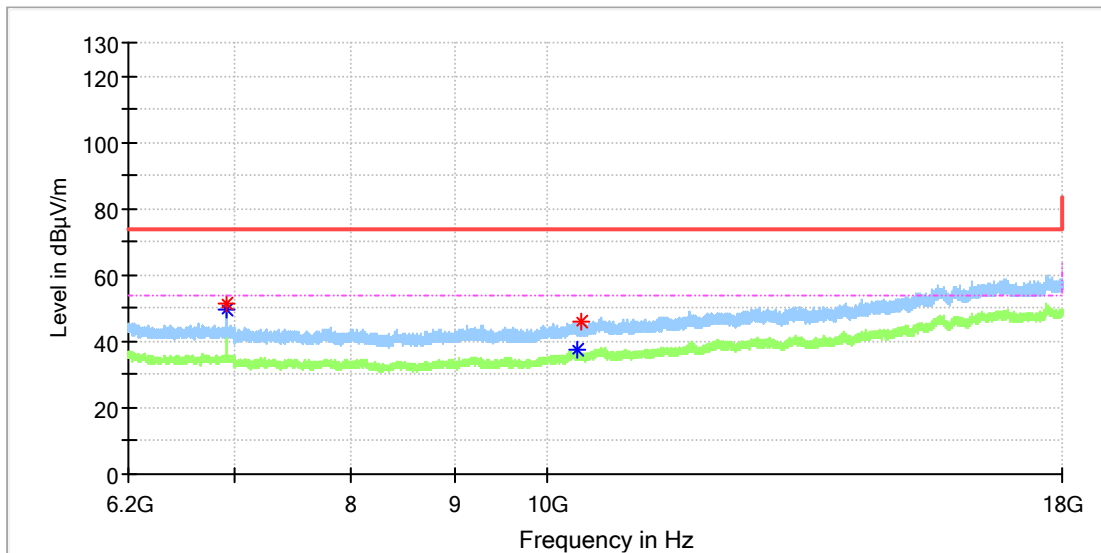
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1190.000000	44.59	---	74.00	29.41	150.0	V	0.0	1.1
1195.000000	---	35.70	54.00	18.30	150.0	V	342.0	1.1
2151.000000	50.55	---	74.00	23.45	150.0	V	315.0	6.2
2179.000000	---	41.56	54.00	12.44	150.0	V	315.0	6.3
4654.000000	---	45.02	54.00	8.98	150.0	V	315.0	12.0
4684.000000	56.36	---	74.00	17.64	150.0	V	156.0	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: SDR 5.2G_40M_5200MHz
 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)
6933.075000	---	49.38	54.00	4.62	150.0	H	314.0	8.6
6933.075000	51.54	---	74.00	22.46	150.0	H	314.0	8.6
10355.075000	---	37.39	54.00	16.61	150.0	H	98.0	11.8
10388.016667	46.08	---	74.00	27.92	150.0	H	50.0	11.9

Final Result

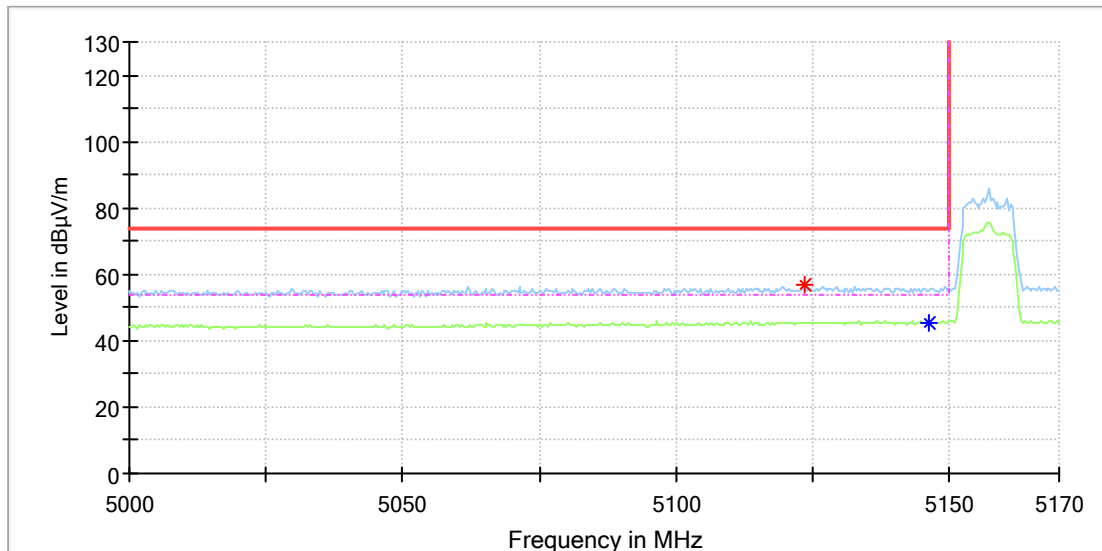
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

5.2GHz SDR, 10MHz BW

EUT Information

EUT Name:	DJI Goggles 3
Model:	TKGS3
Test Mode:	SDR 5.2G_10M_5157MHz
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

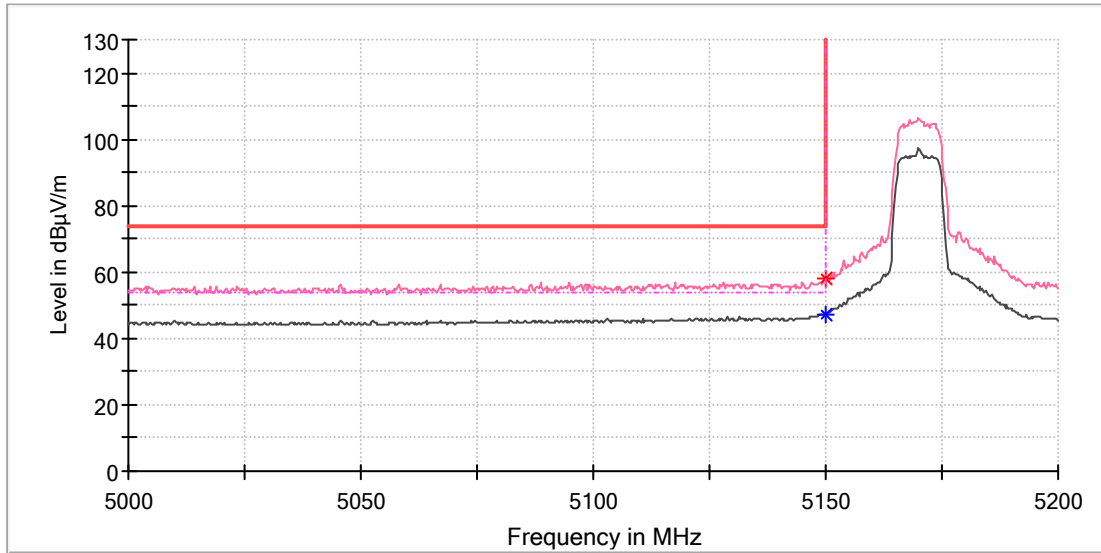
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5123.405556	56.98	---	74.00	17.02	150.0	H	186.0	12.3
5146.022222	---	45.64	54.00	8.36	150.0	H	55.0	12.4

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: SDR 5.2G_10M_5170MHz
 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

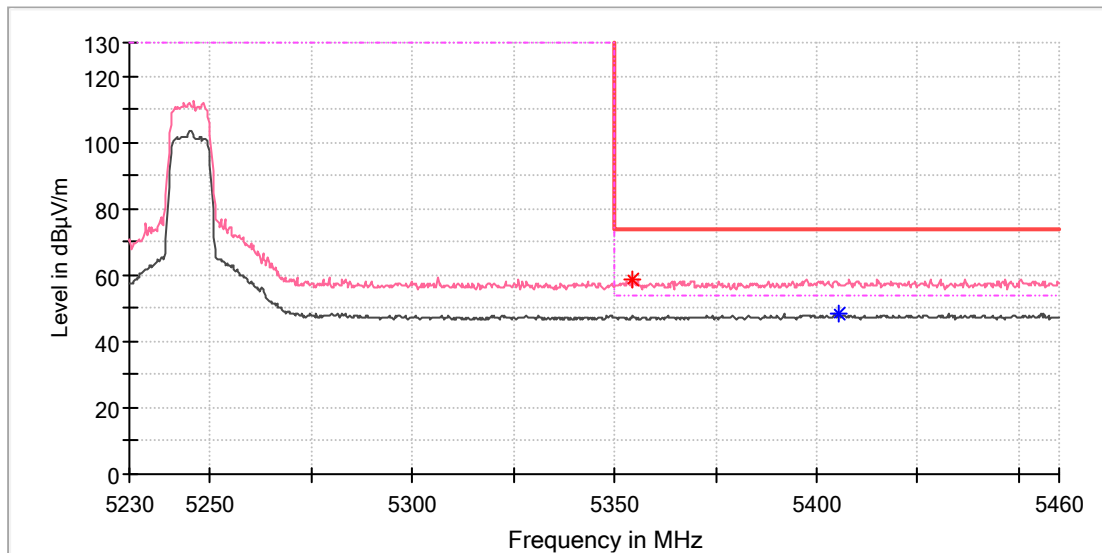
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.955556	58.31	---	74.00	15.69	150.0	V	80.0	12.4
5149.955556	---	47.27	54.00	6.73	150.0	V	80.0	12.4

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:	SDR 5.2G_10M_5245MHz
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)
5354.588889	58.94	---	74.00	15.06	150.0	V	70.0	13.3
5405.233333	---	48.52	54.00	5.48	150.0	V	107.0	13.5

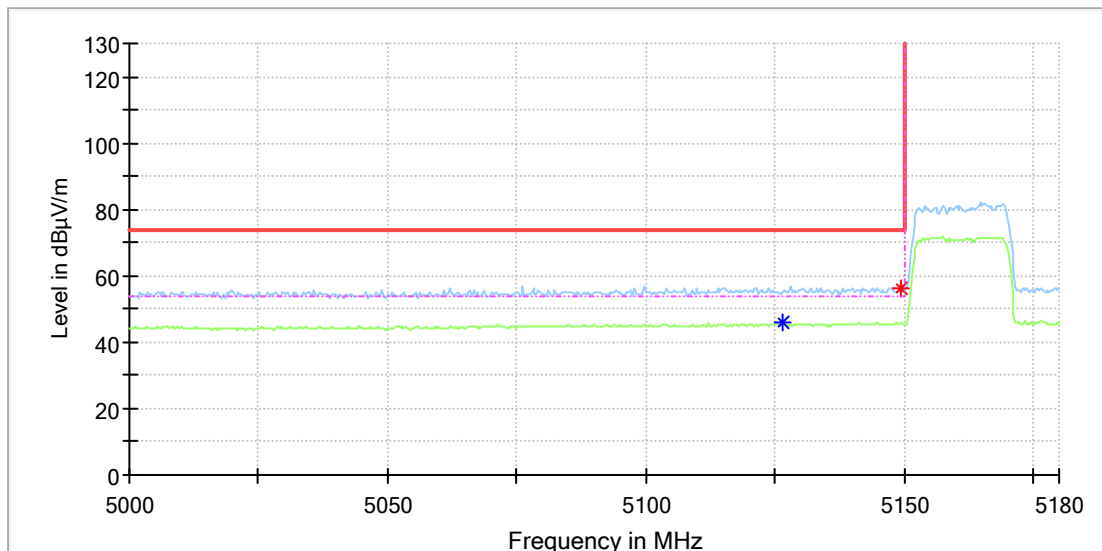
Final Result

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

5.2GHz SDR, 20MHz BW

EUT Information

EUT Name: DJI Goggles 3
 Model: TKGS3
 Test Mode: SDR 5.2G_20M_5161MHz
 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

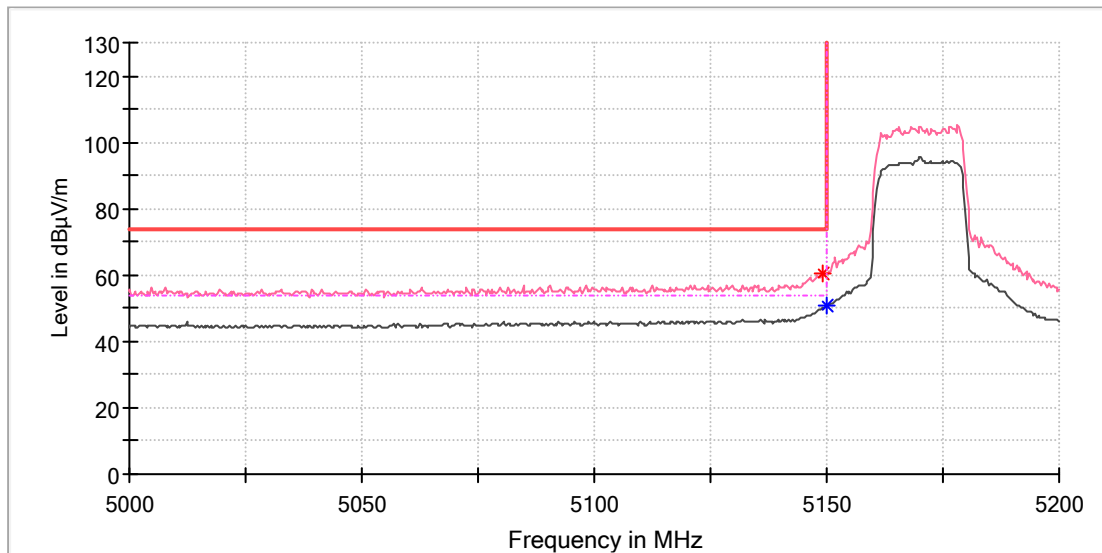
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5126.355556	---	45.68	54.00	8.32	150.0	H	173.0	12.3
5149.300000	56.51	---	74.00	17.49	150.0	H	320.0	12.4

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: SDR 5.2G_20M_5170MHz
 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

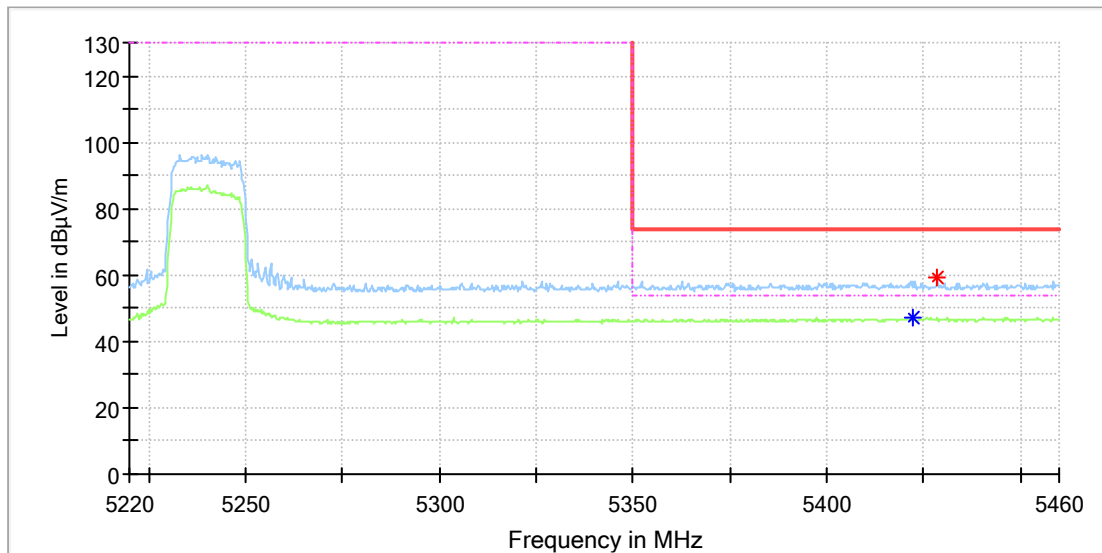
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.972222	60.74	---	74.00	13.26	150.0	V	103.0	12.4
5149.955556	---	50.53	54.00	3.47	150.0	V	293.0	12.4

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: SDR 5.2G_20M_5240MHz
 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

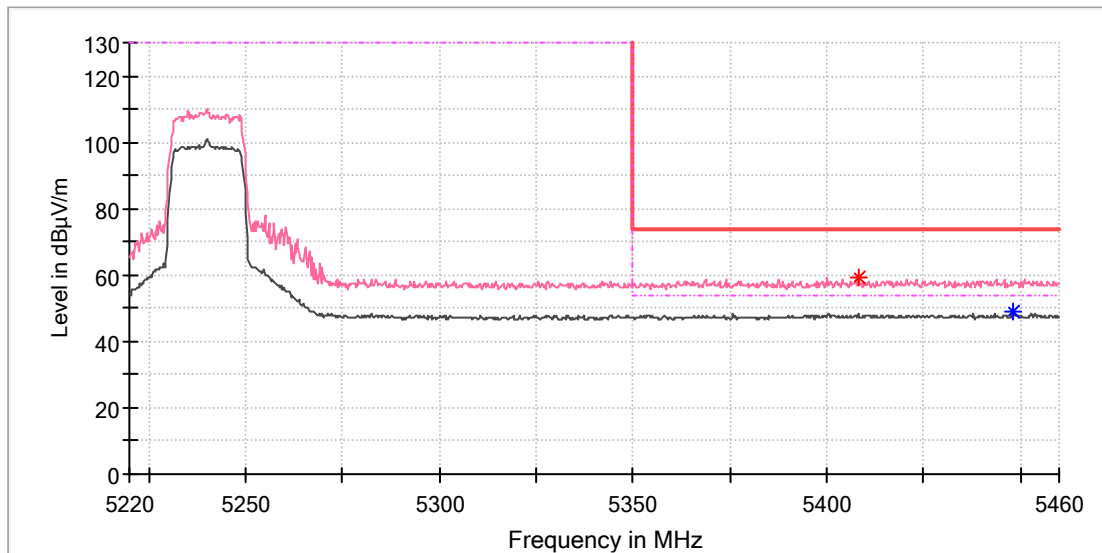
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5422.311111	---	47.36	54.00	6.64	150.0	H	1.0	13.5
5428.494444	59.07	---	74.00	14.93	150.0	H	41.0	13.5

Final Result

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

EUT Information

EUT Name: DJI Goggles 3
 Model: TKGS3
 Test Mode: SDR 5.2G_20M_5240MHz
 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)
5408.17778	59.37	---	74.00	14.63	150.0	V	32.0	13.5
5447.92778	---	48.84	54.00	5.16	150.0	V	202.0	13.5

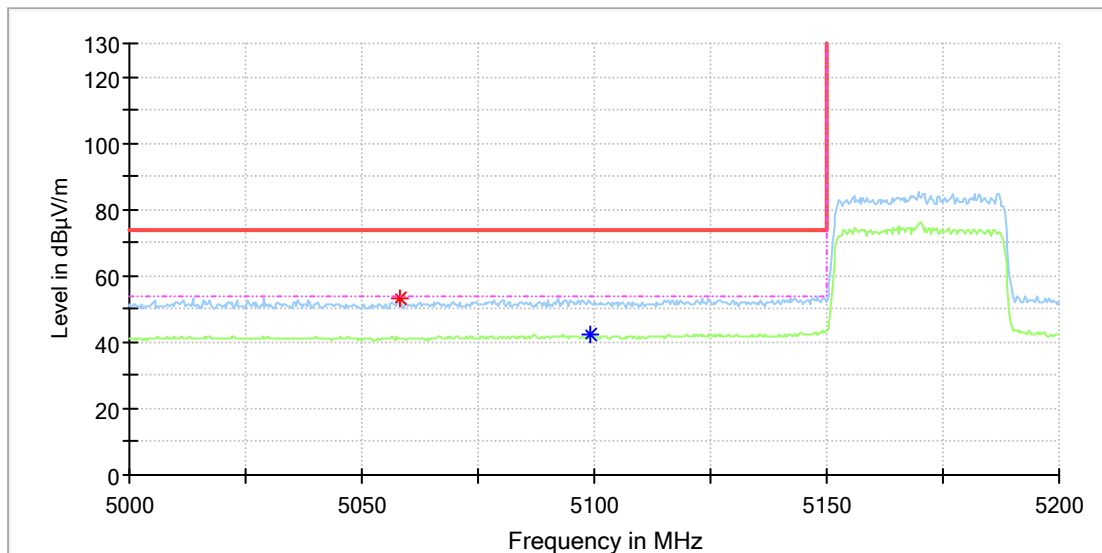
Final Result

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

5.2GHz SDR, 40MHz BW

EUT Information

EUT Name: DJI Goggles 3
 Model: TKGS3
 Test Mode: SDR 5.2G_40M_5170MHz
 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

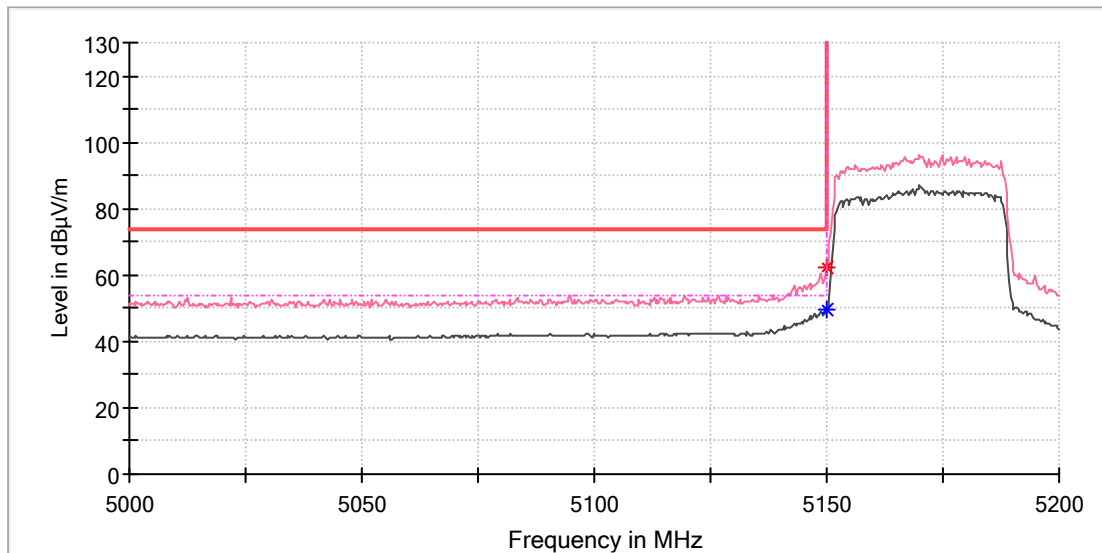
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5058.177778	53.32	---	74.00	20.68	150.0	H	0.0	12.0
5099.150000	---	42.24	54.00	11.76	150.0	H	47.0	12.2

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: SDR 5.2G_40M_5170MHz
 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

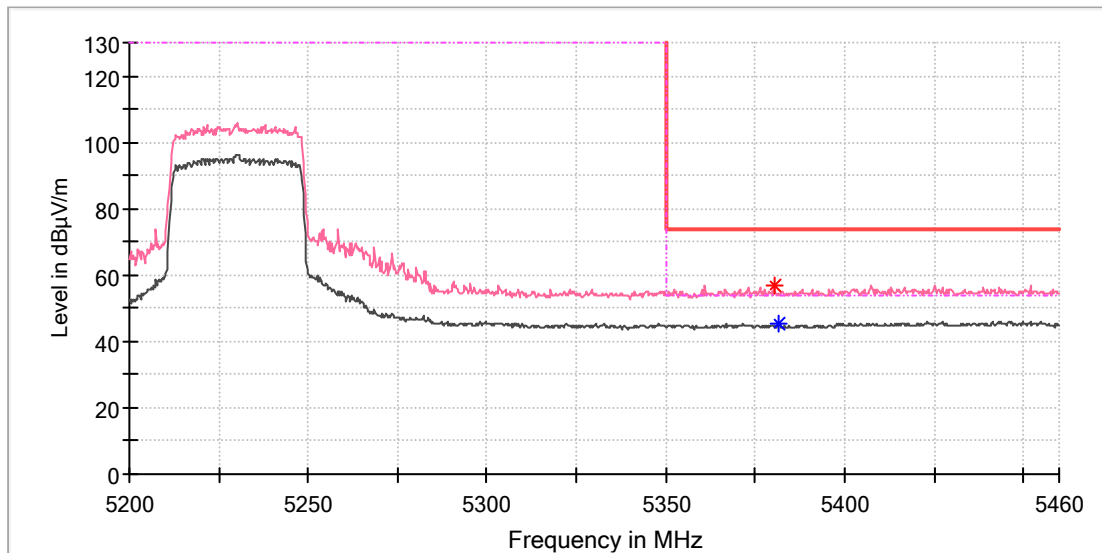
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.955556	---	49.44	54.00	4.56	150.0	V	78.0	12.4
5149.955556	62.37	---	74.00	11.63	150.0	V	78.0	12.4

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: SDR 5.2G_40M_5230MHz
 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)
5380.205556	56.65	---	74.00	17.35	150.0	V	257.0	13.4
5381.677778	---	45.36	54.00	8.64	150.0	V	24.0	13.4

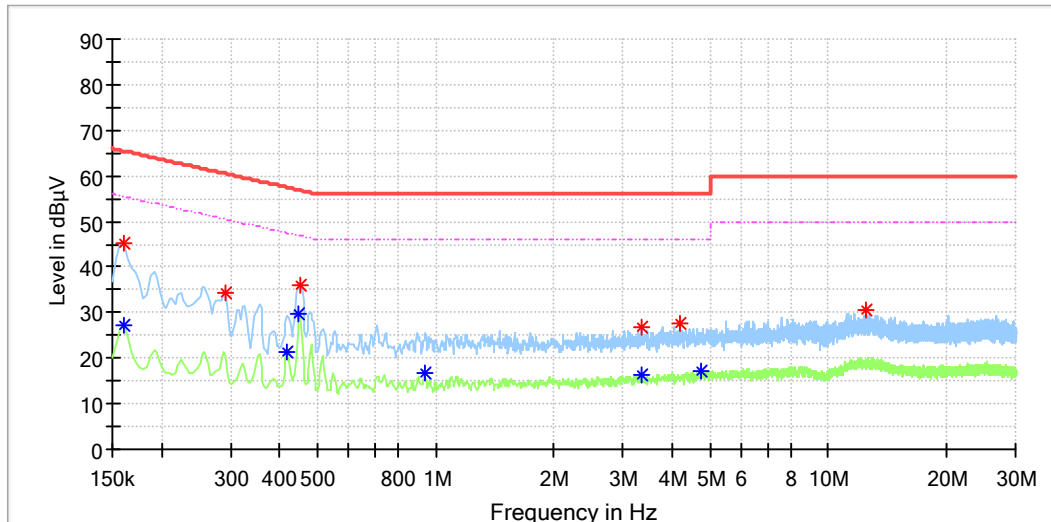
Final Result

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

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

EUT Information

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

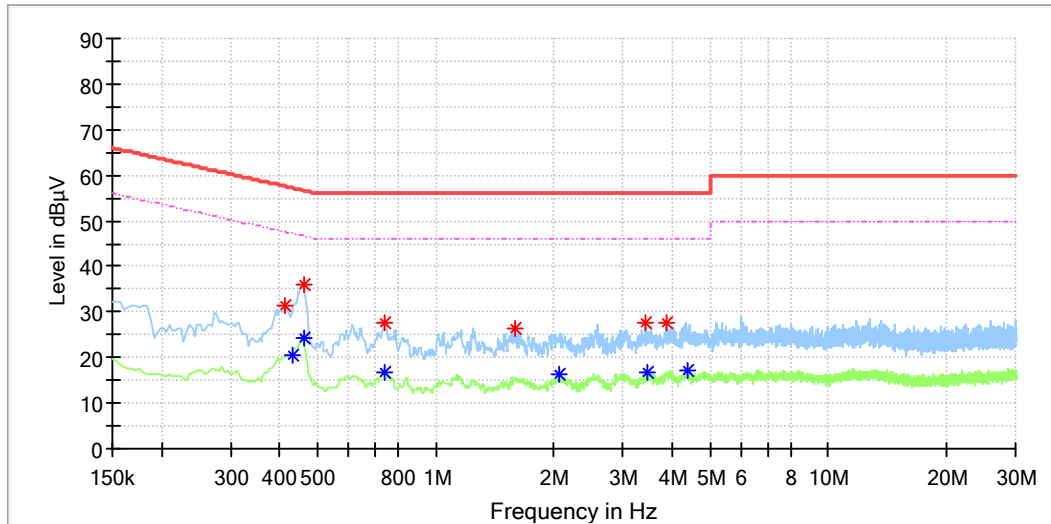


Critical Freqs

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: SDR 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