

Appendix A: Test Results of 5.2GHz SDR

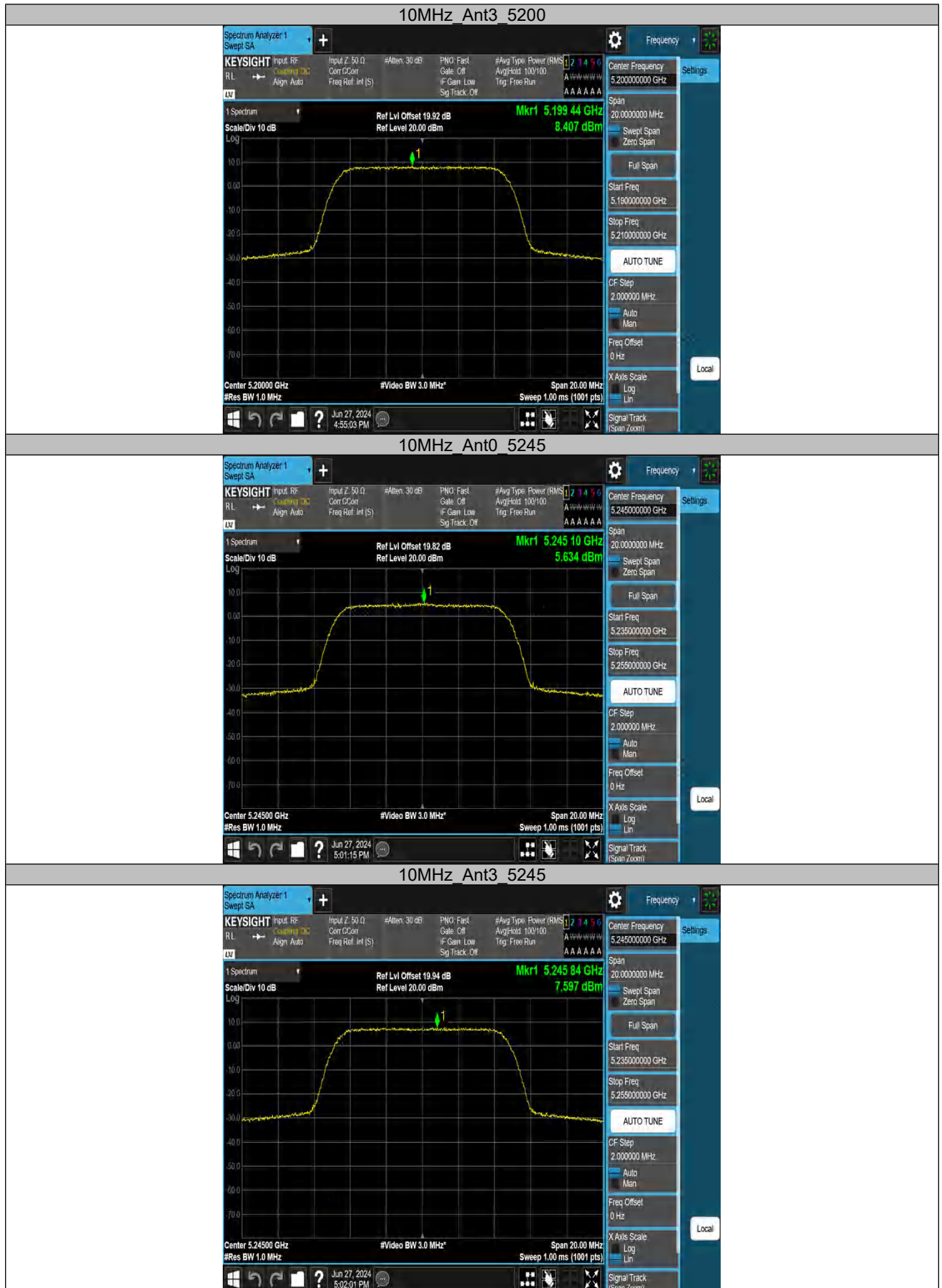
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Appendix A.1: Test Results of Conducted Power Spectral Density

5.2GHz SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
10MHz	Ant0	5157	-4.80	≤11.00	PASS
	Ant3	5157	-2.20	≤11.00	PASS
	total	5157	-0.30	≤11.00	PASS
	Ant0	5200	5.44	≤11.00	PASS
	Ant3	5200	8.41	≤11.00	PASS
	total	5200	10.18	≤11.00	PASS
	Ant0	5245	5.63	≤11.00	PASS
	Ant3	5245	7.60	≤11.00	PASS
	total	5245	9.74	≤11.00	PASS





5.2GHz SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
20MHz	Ant0	5161	-5.96	≤11.00	PASS
	Ant3	5161	-4.39	≤11.00	PASS
	total	5161	-2.09	≤11.00	PASS
	Ant0	5200	3.68	≤11.00	PASS
	Ant3	5200	5.65	≤11.00	PASS
	total	5200	7.79	≤11.00	PASS
	Ant0	5240	3.20	≤11.00	PASS
	Ant3	5240	5.32	≤11.00	PASS
	total	5240	7.40	≤11.00	PASS





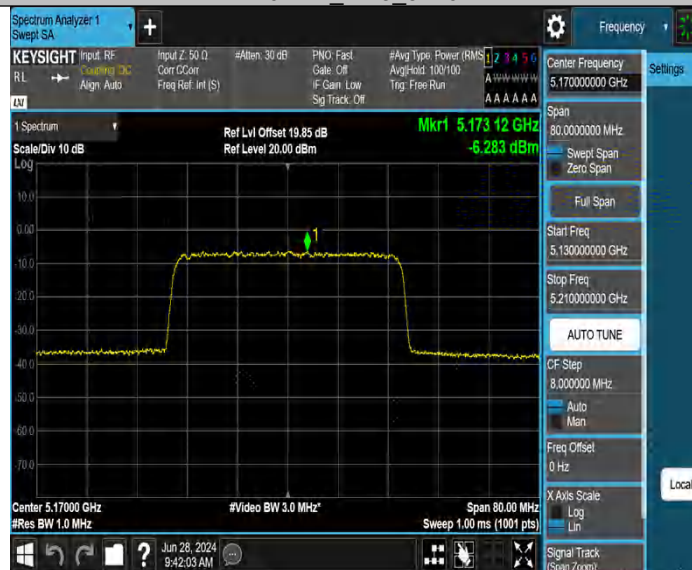
5.2GHz SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
40MHz	Ant0	5170	-7.81	≤11.00	PASS
	Ant3	5170	-6.28	≤11.00	PASS
	total	5170	-3.97	≤11.00	PASS
	Ant0	5200	2.10	≤11.00	PASS
	Ant3	5200	4.74	≤11.00	PASS
	total	5200	6.63	≤11.00	PASS
	Ant0	5230	1.52	≤11.00	PASS
	Ant3	5230	4.74	≤11.00	PASS
	total	5230	6.43	≤11.00	PASS

40MHz_Ant0_5170



40MHz_Ant3_5170



40MHz_Ant0_5200





5.2GHz SDR, 60MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
60MHz	Ant0	5180	-8.58	≤11.00	PASS
	Ant3	5180	-6.61	≤11.00	PASS
	total	5180	-4.47	≤11.00	PASS
	Ant0	5200	-0.29	≤11.00	PASS
	Ant3	5200	2.48	≤11.00	PASS
	total	5200	4.32	≤11.00	PASS
	Ant0	5220	-0.68	≤11.00	PASS
	Ant3	5220	2.37	≤11.00	PASS
	total	5220	4.12	≤11.00	PASS

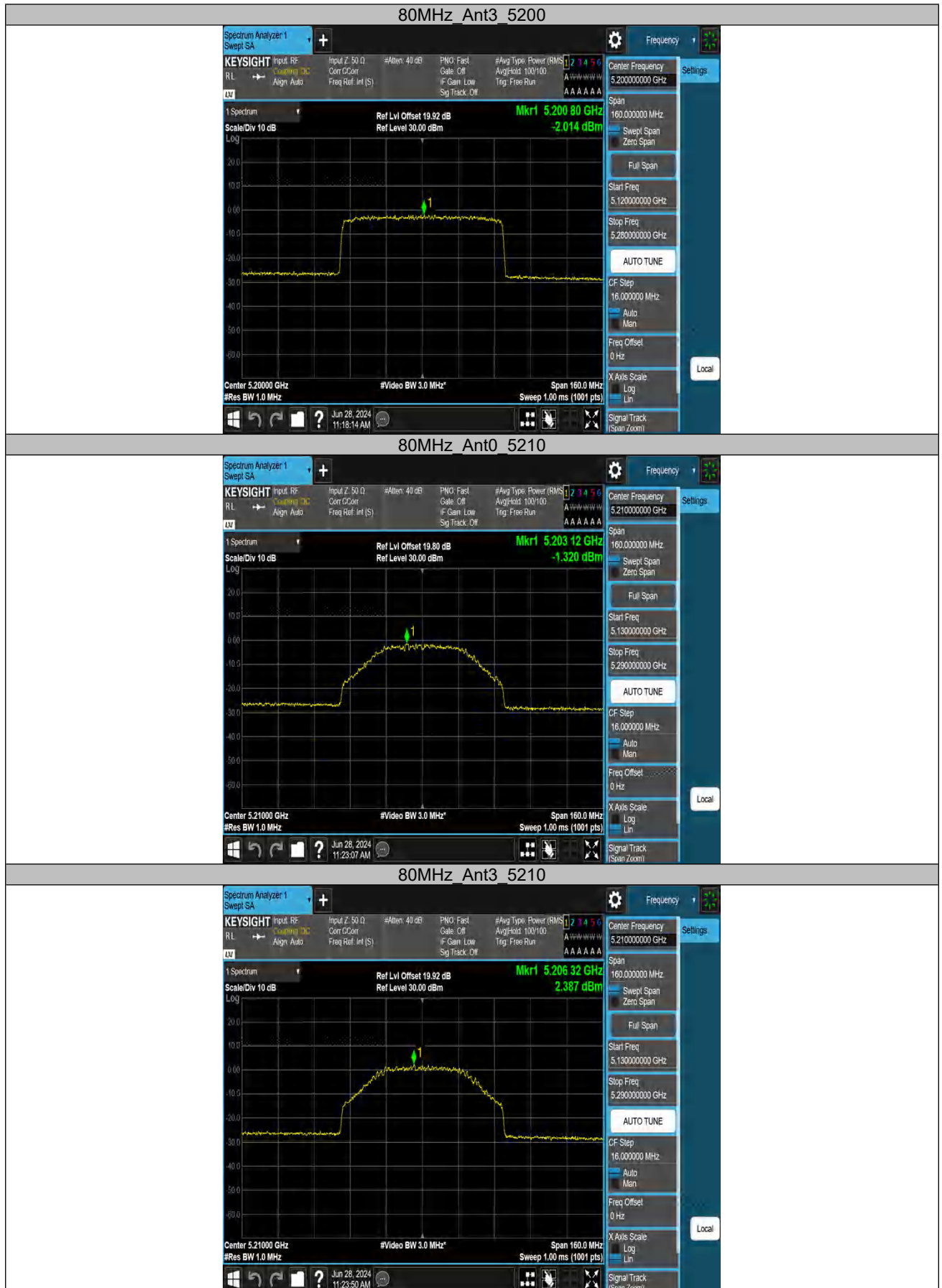




5.2GHz SDR, 80MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
80MHz	Ant0	5190	-7.29	≤11.00	PASS
	Ant3	5190	-5.35	≤11.00	PASS
	total	5190	-3.20	≤11.00	PASS
	Ant0	5200	-4.59	≤11.00	PASS
	Ant3	5200	-2.01	≤11.00	PASS
	total	5200	-0.10	≤11.00	PASS
	Ant0	5210	-1.32	≤11.00	PASS
	Ant3	5210	2.39	≤11.00	PASS
	total	5210	-3.93	≤11.00	PASS





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 (ANT0) was presented in this report.

Voltage							
TestMode	Antenna	Channel	Voltage [Vdc]	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
10MHz	Ant0	5157	na	-3000.00	-0.581734	20	PASS
		5200	na	-3000.00	-0.576923	20	PASS
		5245	na	-3000.00	-0.571973	20	PASS
20MHz	Ant0	5161	na	-3000.00	-0.581283	20	PASS
		5200	na	-3000.00	-0.576923	20	PASS
		5240	na	-3000.00	-0.572519	20	PASS
40MHz	Ant0	5170	na	-3000.00	-0.580271	20	PASS
		5200	na	-3000.00	-0.576923	20	PASS
		5230	na	-3000.00	-0.573614	20	PASS
60MHz	Ant0	5180	na	-3000.00	-0.579151	20	PASS
		5200	na	-3000.00	-0.576923	20	PASS
		5220	na	-3000.00	-0.574713	20	PASS
80MHz	Ant0	5190	na	-3000.00	-0.578035	20	PASS
		5200	na	-3000.00	-0.576923	20	PASS
		5210	na	-3000.00	-0.575816	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 (ANT0) was presented in this report.

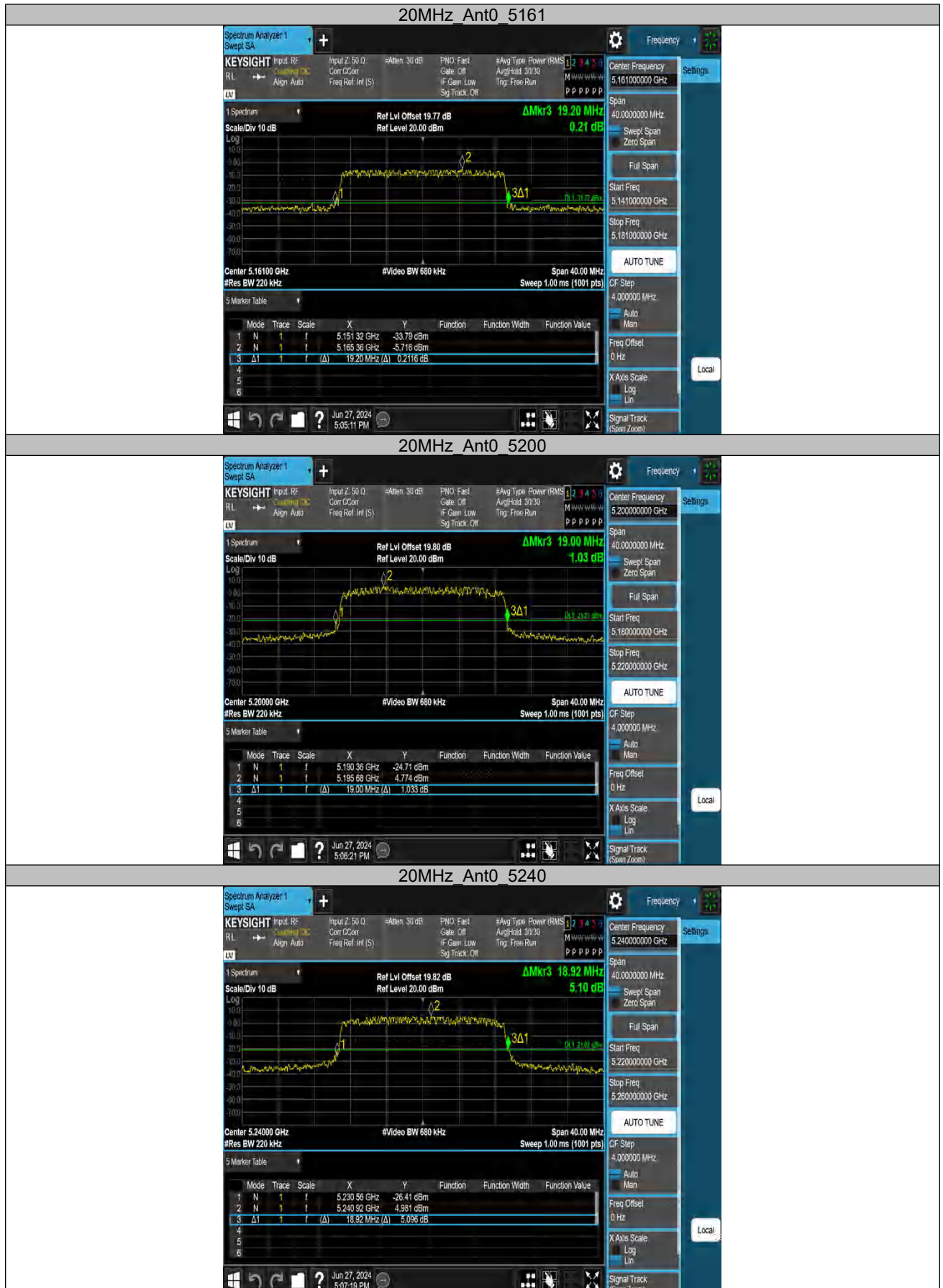
5.2GHz SDR, 10MHz BW

TestMode	Antenna	Channel	26Db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10MHz	Ant0	5157	10.780	5151.600	5162.380	---	PASS
		5200	10.380	5194.740	5205.120	---	PASS
		5245	10.440	5239.800	5250.240	---	PASS



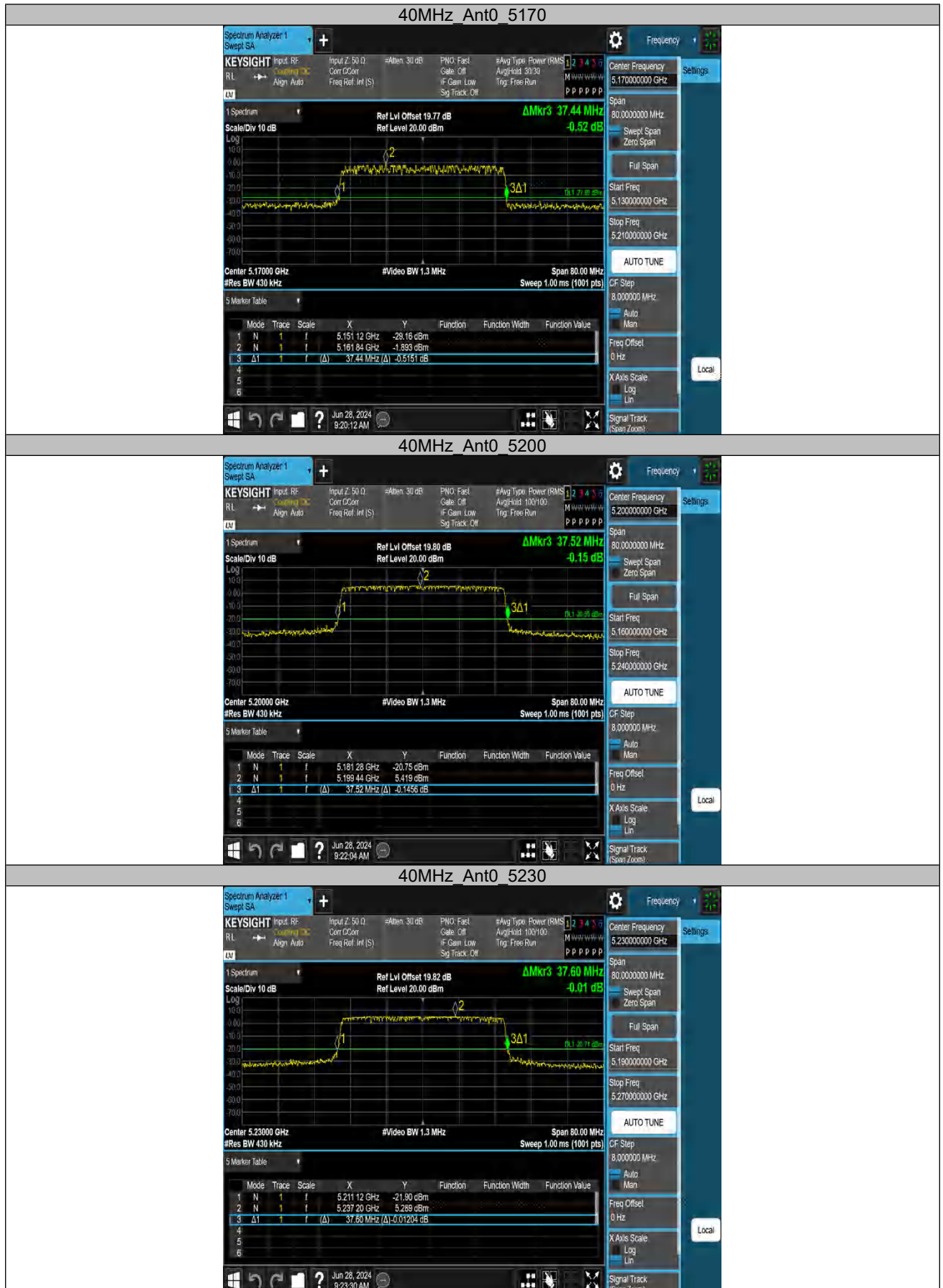
5.2GHz SDR, 20MHz BW

TestMode	Antenna	Channel	26Db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20MHz	Ant0	5161	19.200	5151.320	5170.520	---	PASS
		5200	19.000	5190.360	5209.360	---	PASS
		5240	18.920	5230.560	5249.480	---	PASS



5.2GHz SDR, 40MHz BW

TestMode	Antenna	Channel	26Db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40MHz	Ant0	5170	37.440	5151.120	5188.560	---	PASS
		5200	37.520	5181.280	5218.800	---	PASS
		5230	37.600	5211.120	5248.720	---	PASS



5.2GHz SDR, 60MHz BW

TestMode	Antenna	Channel	26Db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60MHz	Ant0	5180	55.320	5152.160	5207.480	---	PASS
		5200	55.080	5172.640	5227.720	---	PASS
		5220	55.080	5192.520	5247.600	---	PASS

60MHz_Ant0_5180



60MHz_Ant0_5200



60MHz_Ant0_5220



5.2GHz SDR, 80MHz BW

TestMode	Antenna	Channel	26Db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80MHz	Ant0	5190	71.520	5154.320	5225.840	---	PASS
		5200	72.000	5164.000	5236.000	---	PASS
		5210	71.840	5174.160	5246.000	---	PASS



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 (ANT0) 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	9.0748	5152.4789	5161.5537	---	PASS
		5200	9.0666	5195.4635	5204.5301	---	PASS
		5245	9.0748	5240.4661	5249.5409	---	PASS



5.2GHz SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20MHz	Ant0	5161	18.017	5151.9895	5170.0065	---	PASS
		5200	17.737	5191.0973	5208.8343	---	PASS
		5240	17.667	5231.1579	5248.8249	---	PASS



5.2GHz SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40MHz	Ant0	5170	35.933	5152.0142	5187.9472	---	PASS
		5200	35.887	5182.0812	5217.9682	---	PASS
		5230	35.910	5212.0679	5247.9779	---	PASS



5.2GHz SDR, 60MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60MHz	Ant0	5180	52.134	5154.1101	5206.2441	---	PASS
		5200	51.689	5174.1734	5225.8624	---	PASS
		5220	51.838	5194.0441	5245.8821	---	PASS



5.2GHz SDR, 80MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80MHz	Ant0	5190	71.452	5154.2504	5225.7024	---	PASS
		5200	74.803	5161.1554	5235.9584	---	PASS
		5210	72.183	5173.5248	5245.7078	---	PASS



Appendix A.5: Test Results of Radiated Spurious Emissions

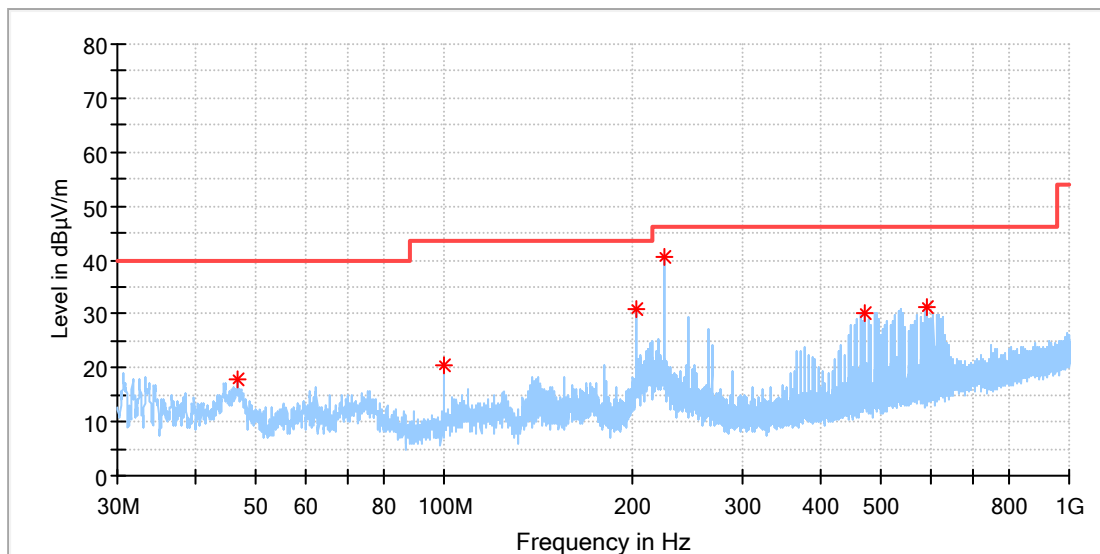
Note:

- 1) This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode) 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:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

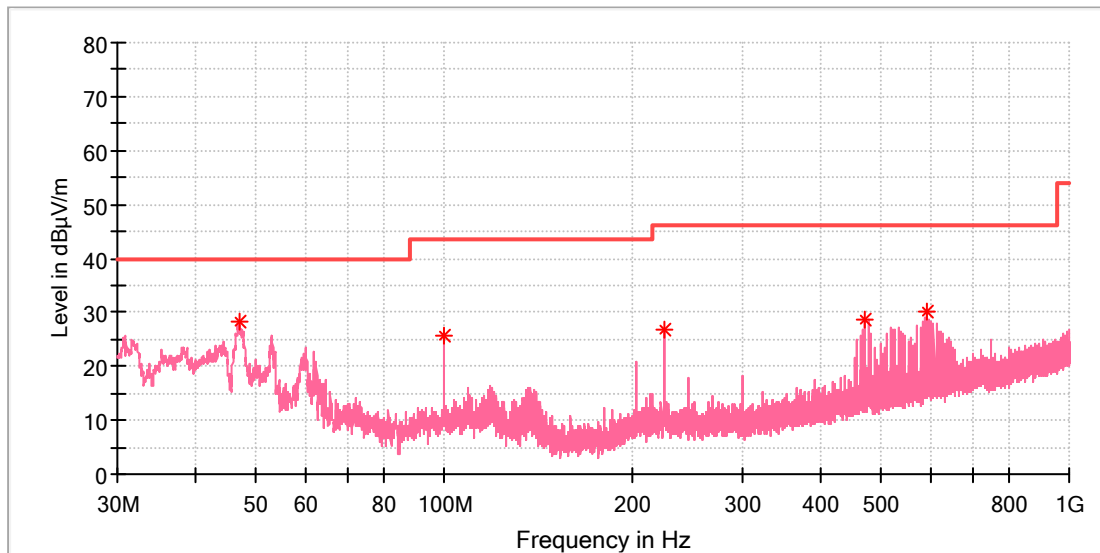
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.825769	17.74	40.00	22.26	100.0	H	355.0	-18.9
99.989231	20.53	43.50	22.97	100.0	H	49.0	-19.3
203.555385	30.80	43.50	12.70	100.0	H	320.0	-19.3
225.007308	40.66	46.00	5.34	100.0	H	289.0	-18.7
472.506539	30.12	46.00	15.88	100.0	H	2.0	-12.8
592.525385	31.22	46.00	14.78	100.0	H	281.0	-10.4

Final_Result

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

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
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)
46.937692	28.31	40.00	11.69	100.0	V	244.0	-18.8
99.989231	25.69	43.50	17.81	100.0	V	204.0	-19.3
225.007308	26.74	46.00	19.26	100.0	V	188.0	-18.7
472.506539	28.47	46.00	17.53	100.0	V	78.0	-12.8
592.525385	30.07	46.00	15.93	100.0	V	0.0	-10.4

Final Result

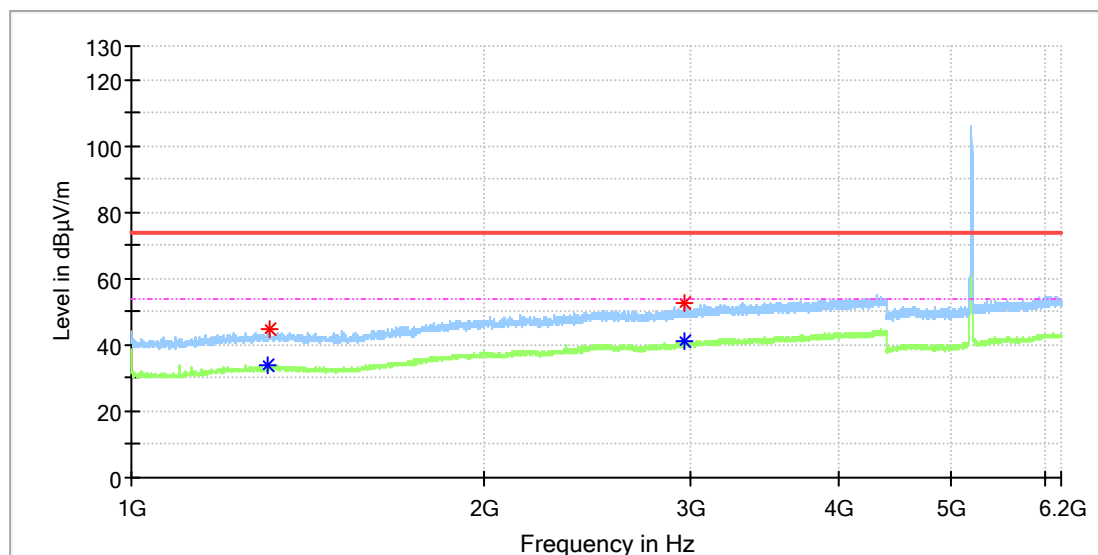
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_10M_5200MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

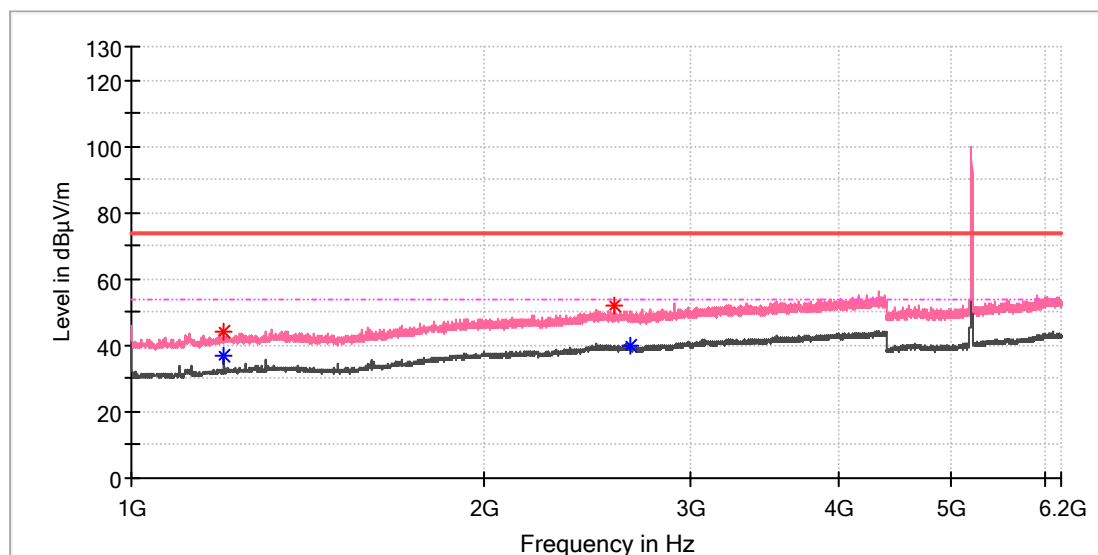
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1308.500000	---	34.14	54.00	19.86	150.0	H	14.0	2.0
1310.500000	44.82	---	74.00	29.18	150.0	H	75.0	2.0
2958.000000	52.34	---	74.00	21.66	150.0	H	248.0	8.4
2963.500000	---	41.15	54.00	12.85	150.0	H	293.0	8.4

Final_Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_10M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

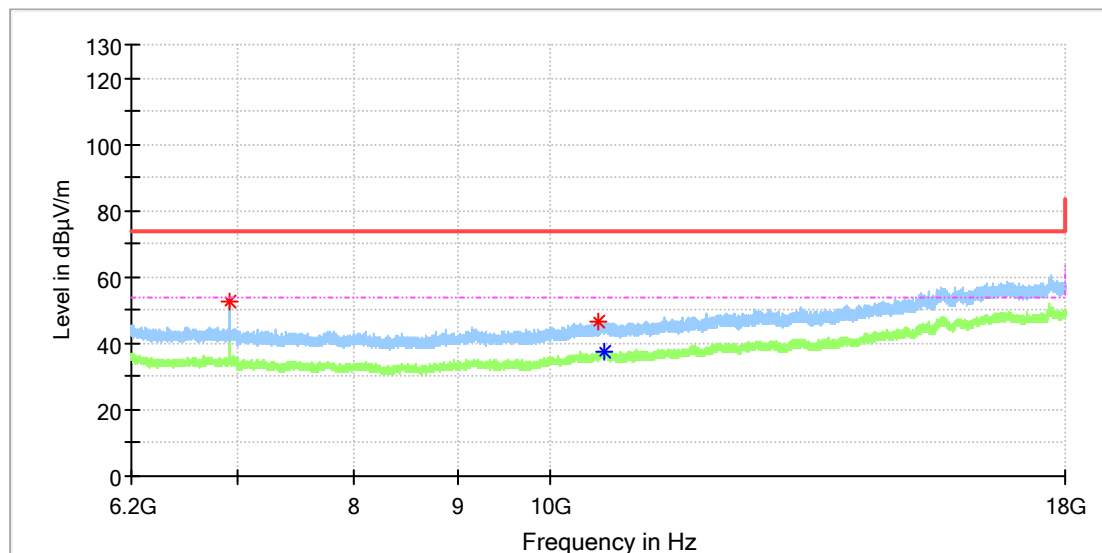
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	44.10	---	74.00	29.90	150.0	V	33.0	1.1
1200.000000	---	37.05	54.00	16.95	150.0	V	179.0	1.1
2583.500000	51.81	---	74.00	22.19	150.0	V	21.0	7.5
2657.500000	---	40.02	54.00	13.98	150.0	V	27.0	7.6

Final Result

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

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_10M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

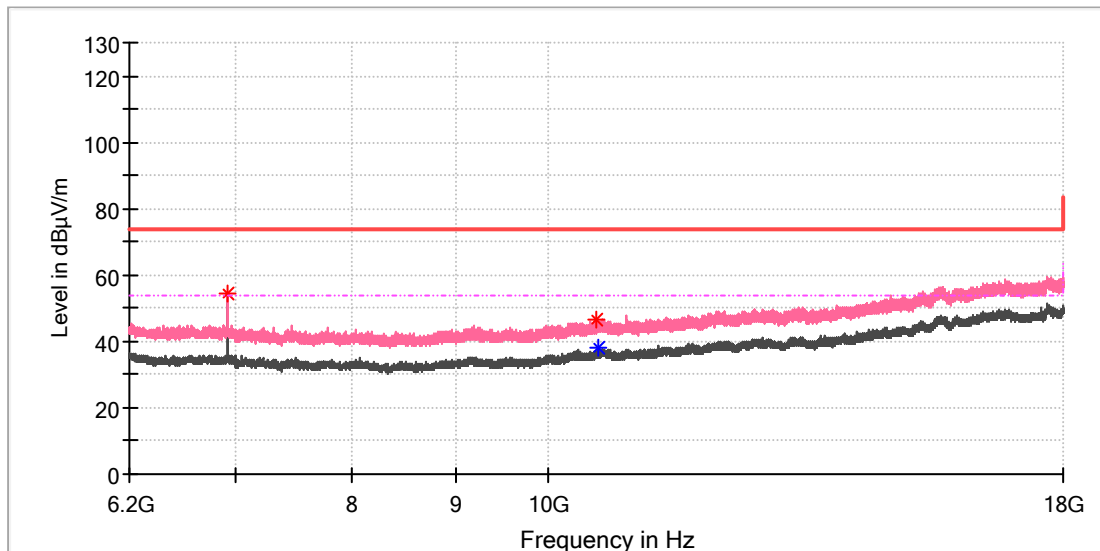
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	52.54	---	68.20	15.66	150.0	H	130.0	8.6
10567.966667	46.27	---	74.00	27.73	150.0	H	73.0	12.0
10629.916667	---	37.55	54.00	16.45	150.0	H	347.0	12.0

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_10M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

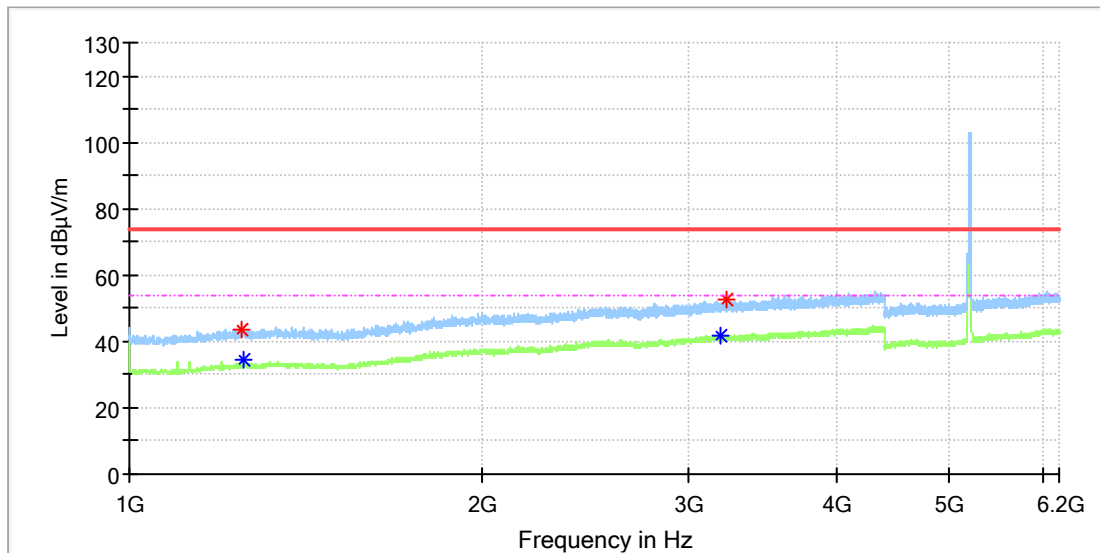
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	54.38	---	68.20	13.82	150.0	V	219.0	8.6
10566.983333	46.65	---	74.00	27.35	150.0	V	0.0	12.0
10598.450000	---	37.92	54.00	16.08	150.0	V	169.0	12.1

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: Drone
Model: L3A
Test Mode: SDR 5.2G_20M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

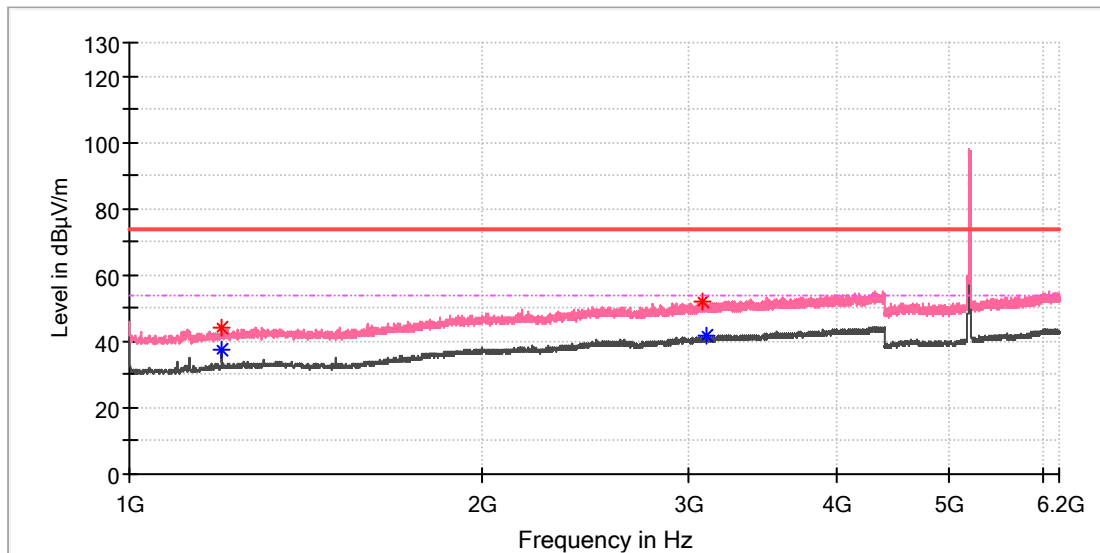
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1248.500000	43.43	---	74.00	30.57	150.0	H	263.0	1.9
1249.500000	---	34.23	54.00	19.77	150.0	H	122.0	1.9
3184.500000	---	41.76	54.00	12.24	150.0	H	268.0	8.6
3231.000000	52.85	---	74.00	21.15	150.0	H	160.0	8.5

Final Result

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

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_20M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

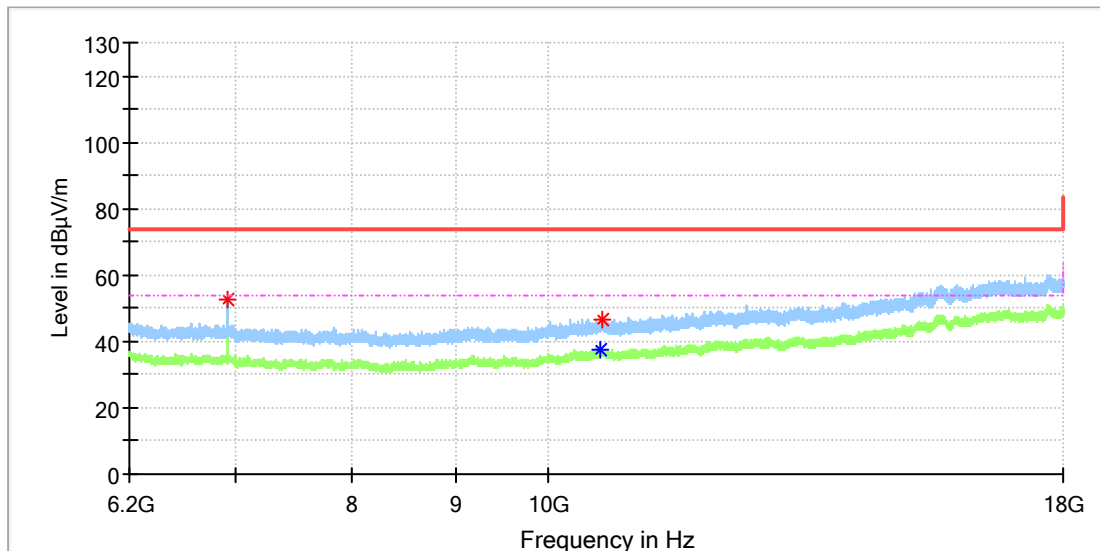
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	37.22	54.00	16.78	150.0	V	176.0	1.1
1200.000000	44.32	---	74.00	29.68	150.0	V	314.0	1.1
3080.500000	52.00	---	74.00	22.00	150.0	V	116.0	8.6
3100.500000	---	41.64	54.00	12.36	150.0	V	189.0	8.7

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_20M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

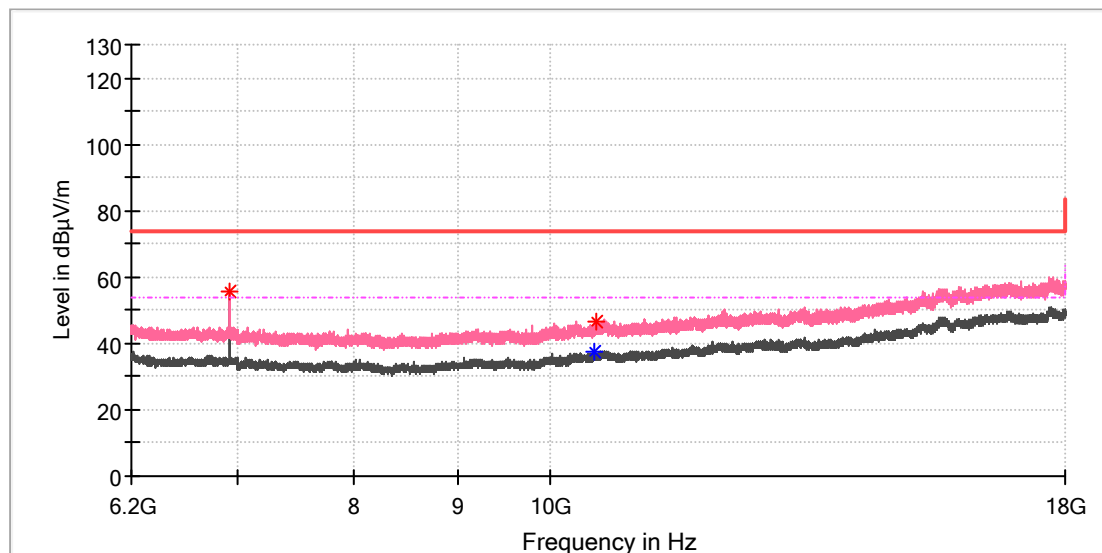
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	52.49	---	68.20	15.71	150.0	H	136.0	8.6
10608.283333	---	37.41	54.00	16.59	150.0	H	36.0	12.1
10646.141667	46.29	---	74.00	27.71	150.0	H	23.0	12.0

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_20M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

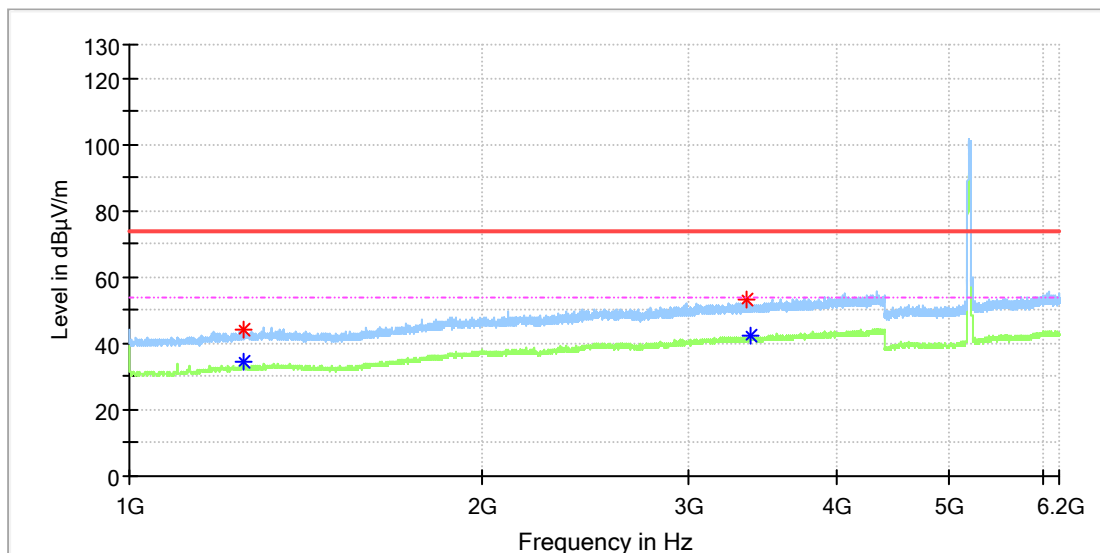
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	55.91	---	68.20	12.29	150.0	V	189.0	8.6
10520.275000	---	37.68	54.00	16.32	150.0	V	22.0	12.0
10532.075000	46.54	---	74.00	27.46	150.0	V	129.0	12.0

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_40M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

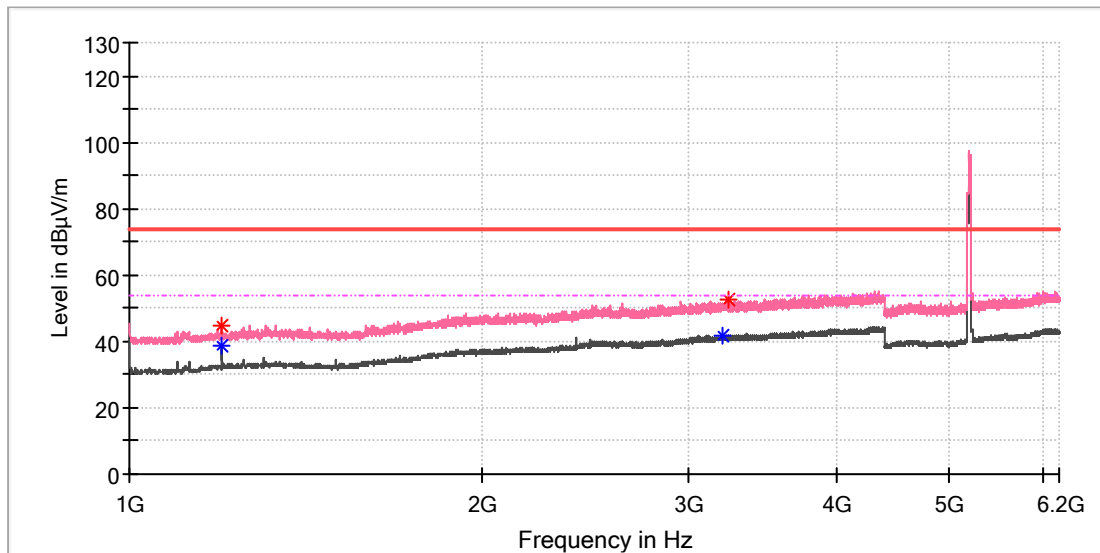
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1249.500000	---	34.42	54.00	19.58	150.0	H	347.0	1.9
1250.000000	44.15	---	74.00	29.85	150.0	H	325.0	1.9
3359.000000	53.32	---	74.00	20.68	150.0	H	357.0	8.6
3385.500000	---	42.19	54.00	11.81	150.0	H	0.0	8.7

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_40M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

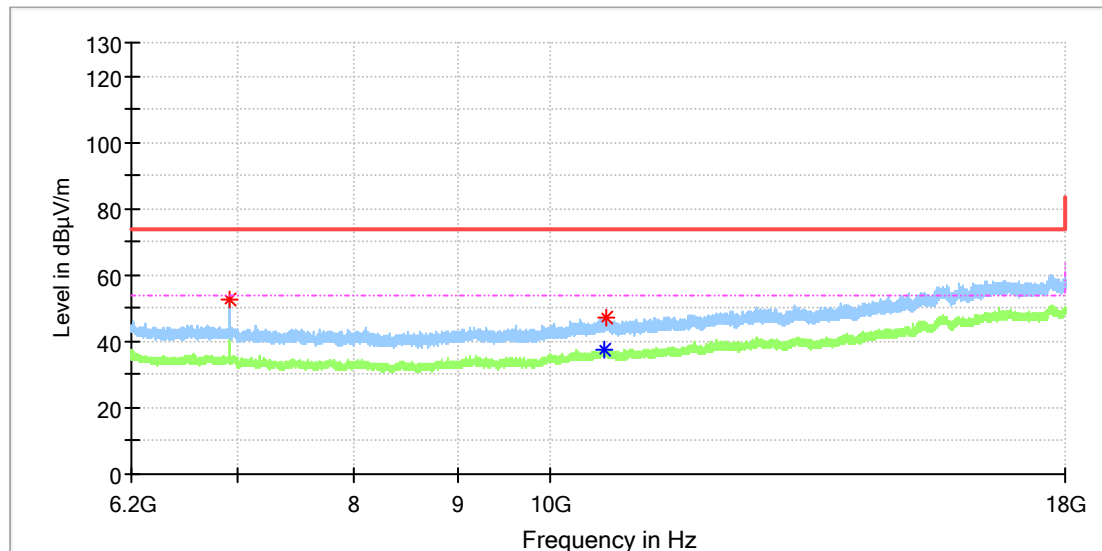
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.74	---	74.00	29.26	150.0	V	204.0	1.1
1200.000000	---	38.53	54.00	15.47	150.0	V	204.0	1.1
3201.000000	---	41.96	54.00	12.04	150.0	V	264.0	8.6
3242.500000	52.36	---	74.00	21.64	150.0	V	309.0	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:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_40M_5200MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

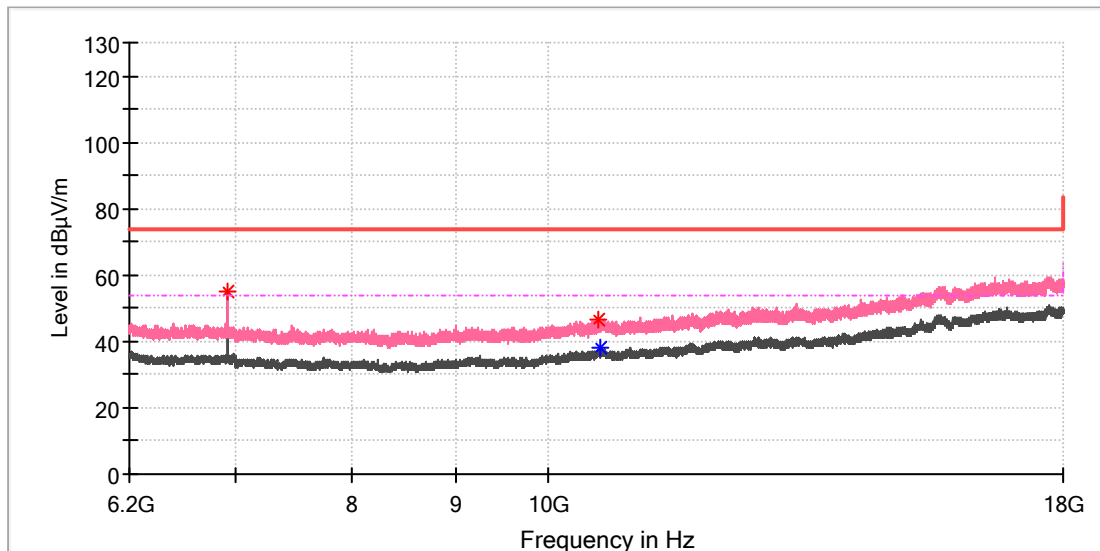
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	52.43	---	68.20	15.77	150.0	H	139.0	8.6
10629.916667	---	37.68	54.00	16.32	150.0	H	33.0	12.0
10666.300000	46.95	---	74.00	27.05	150.0	H	163.0	11.9

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_40M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

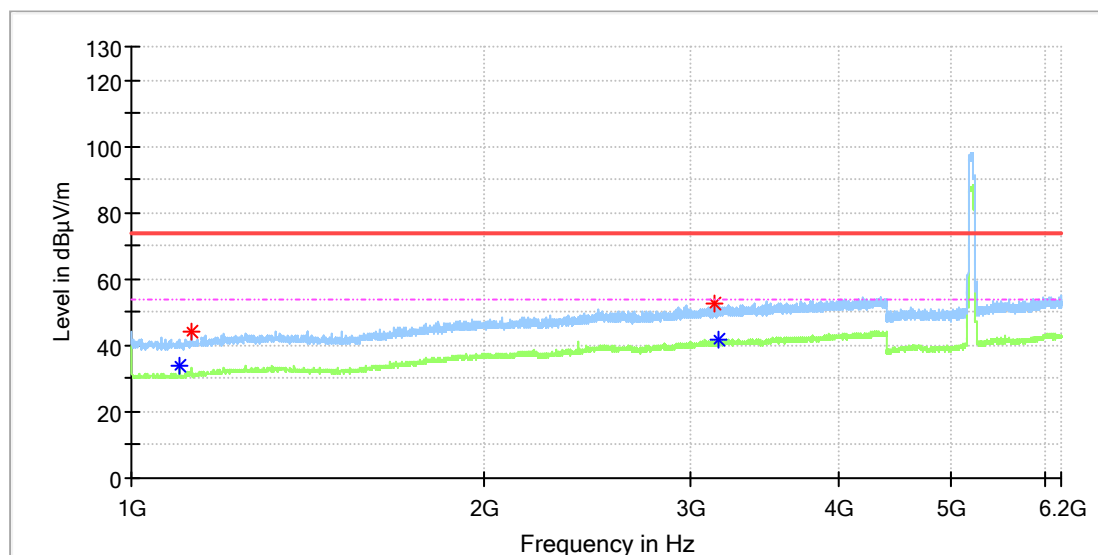
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	54.74	---	68.20	13.46	150.0	V	226.0	8.6
10595.008333	46.45	---	74.00	27.55	150.0	V	299.0	12.1
10618.116667	---	37.83	54.00	16.17	150.0	V	176.0	12.0

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_60M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

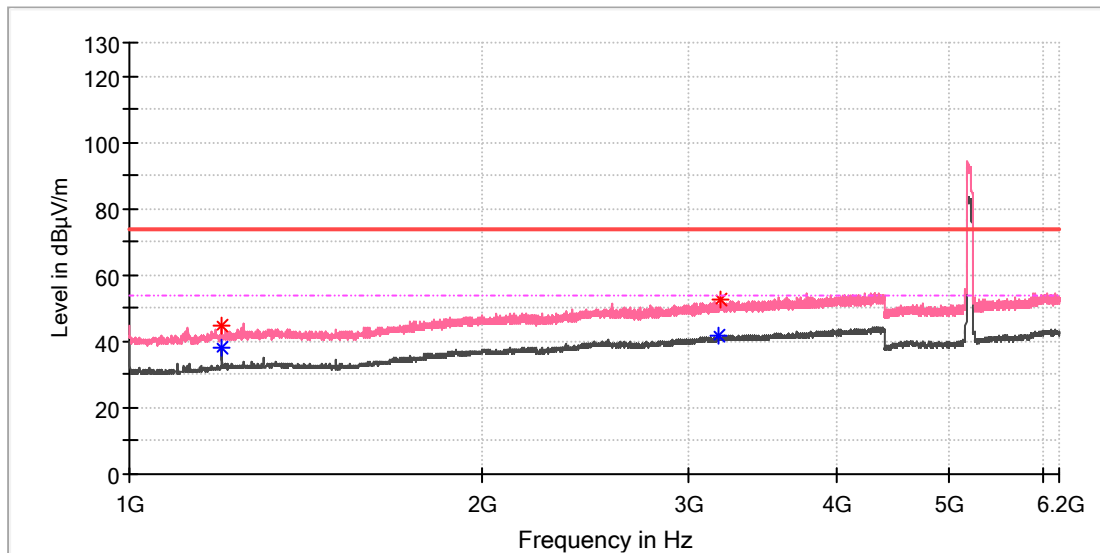
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1099.500000	---	33.94	54.00	20.06	150.0	H	260.0	-0.2
1124.500000	43.95	---	74.00	30.05	150.0	H	356.0	0.3
3137.500000	52.71	---	74.00	21.29	150.0	H	84.0	8.6
3166.500000	---	41.60	54.00	12.40	150.0	H	110.0	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: Drone
Model: L3A
Test Mode: SDR 5.2G_60M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

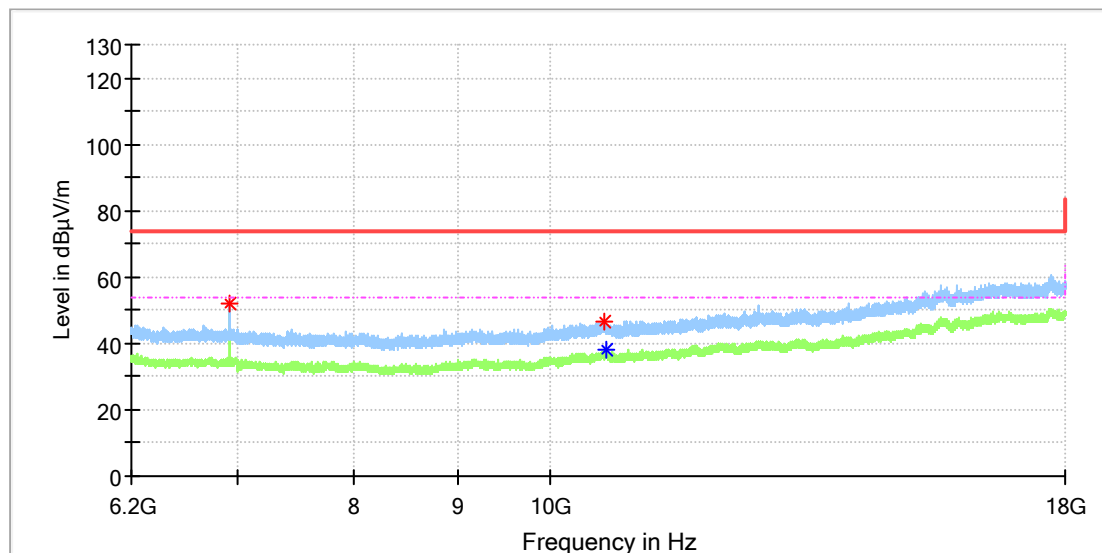
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	44.62	---	74.00	29.38	150.0	V	289.0	1.1
1200.000000	---	38.20	54.00	15.80	150.0	V	289.0	1.1
3180.500000	---	41.50	54.00	12.50	150.0	V	282.0	8.6
3191.500000	52.51	---	74.00	21.49	150.0	V	311.0	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: Drone
Model: L3A
Test Mode: SDR 5.2G_60M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

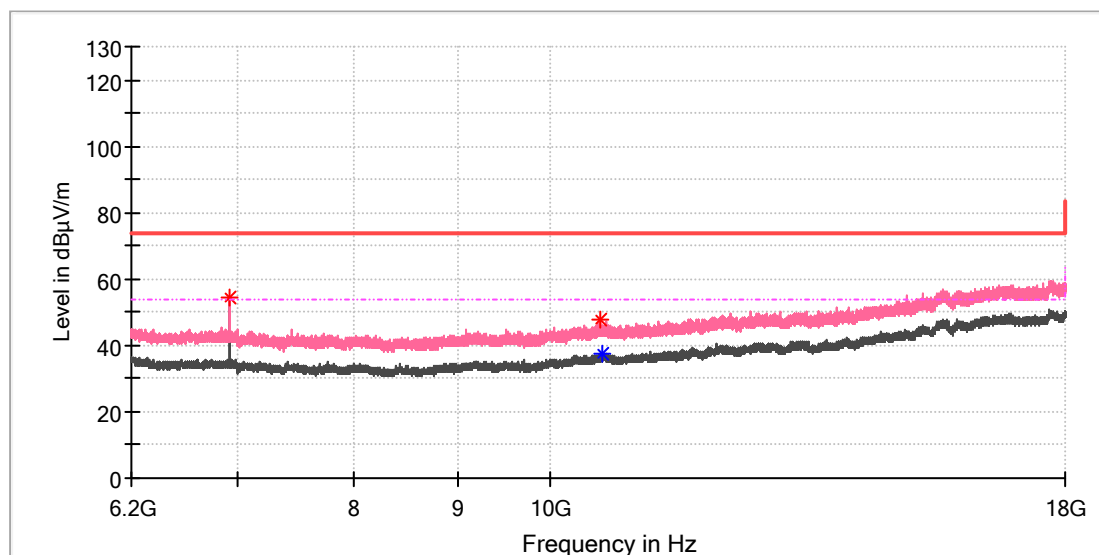
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	51.78	---	68.20	16.42	150.0	H	142.0	8.6
10634.341667	46.63	---	74.00	27.37	150.0	H	251.0	12.0
10650.075000	---	38.03	54.00	15.97	150.0	H	20.0	12.0

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_60M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

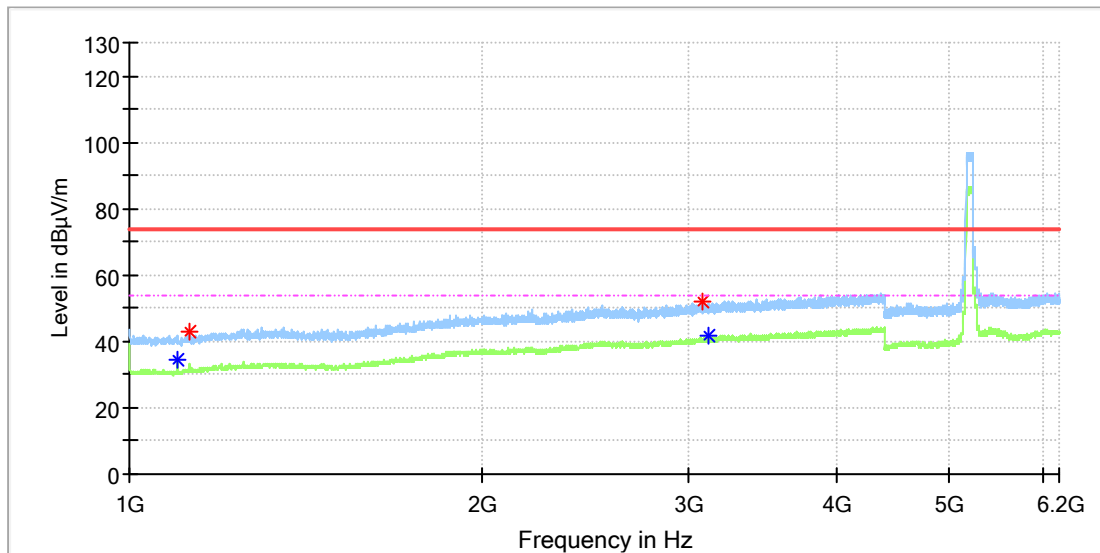
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	54.52	---	68.20	13.68	150.0	V	226.0	8.6
10586.158333	47.50	---	74.00	26.50	150.0	V	141.0	12.0
10611.725000	---	37.60	54.00	16.40	150.0	V	287.0	12.0

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_80M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

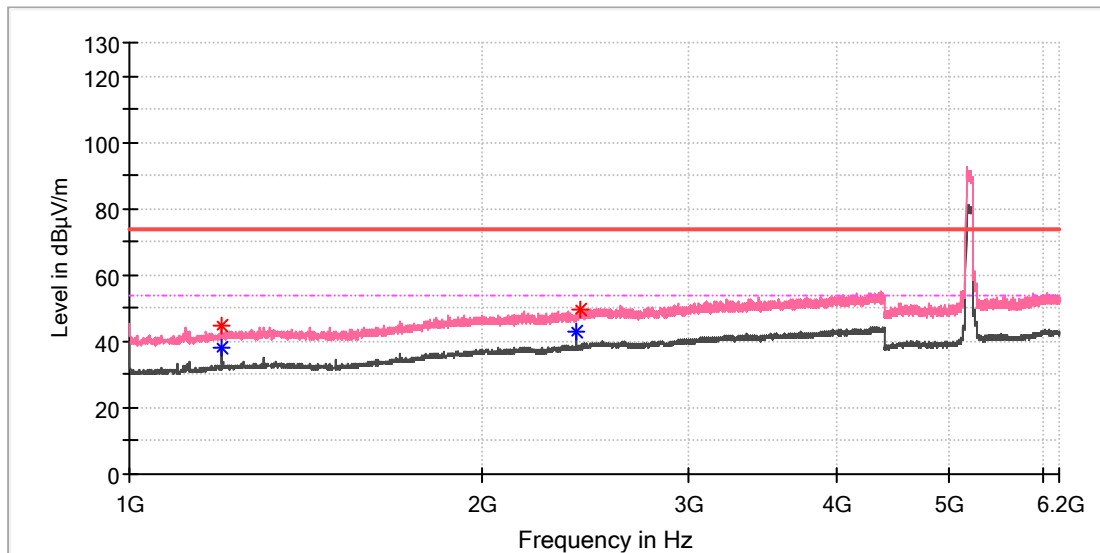
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1099.500000	---	34.59	54.00	19.41	150.0	H	136.0	-0.2
1124.500000	42.70	---	74.00	31.30	150.0	H	131.0	0.3
3074.000000	51.94	---	74.00	22.06	150.0	H	216.0	8.6
3119.000000	---	41.61	54.00	12.39	150.0	H	71.0	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: Drone
Model: L3A
Test Mode: SDR 5.2G_80M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

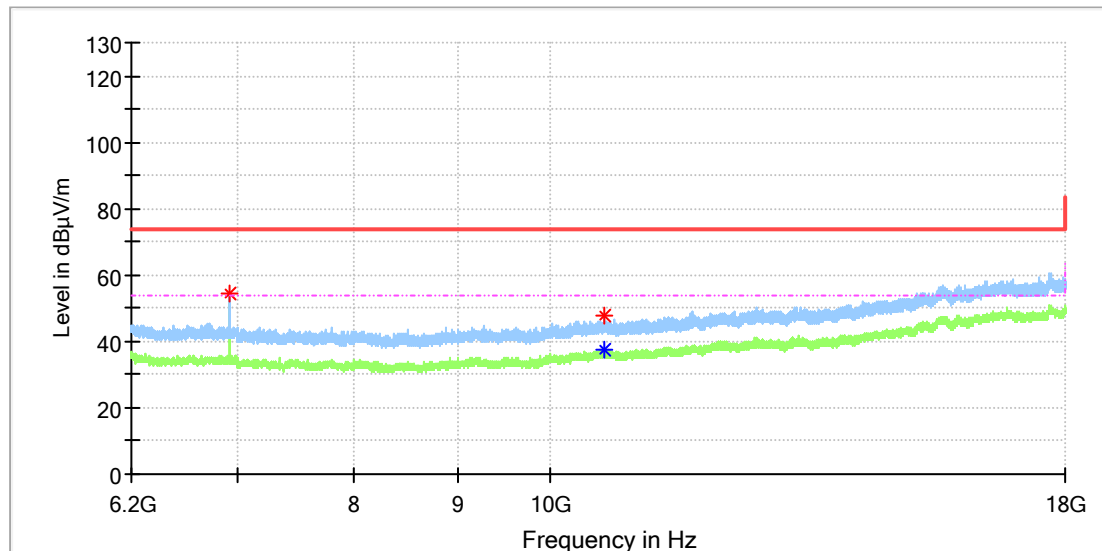
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.80	---	74.00	29.20	150.0	V	94.0	1.1
1200.000000	---	38.21	54.00	15.79	150.0	V	94.0	1.1
2402.000000	---	43.08	54.00	10.92	150.0	V	277.0	7.0
2425.000000	49.53	---	74.00	24.47	150.0	V	283.0	7.2

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_80M_5200MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

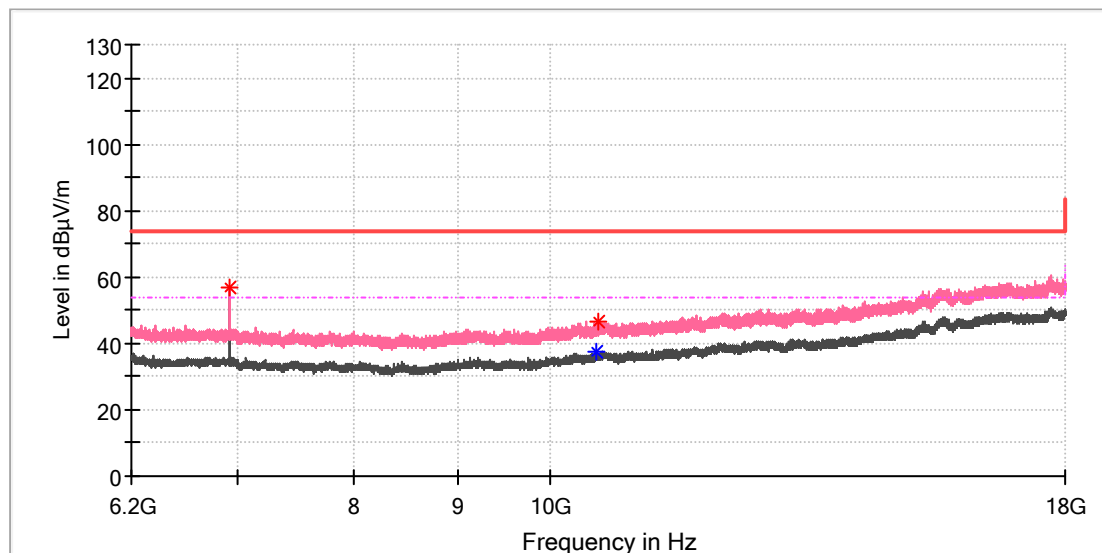
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6933.075000	54.41	---	68.20	13.79	150.0	H	136.0	8.6
10626.475000	---	37.55	54.00	16.45	150.0	H	317.0	12.0
10647.616667	47.60	---	74.00	26.40	150.0	H	172.0	12.0

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_80M_5200MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
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	56.97	---	68.20	11.23	150.0	V	219.0	8.6
10528.141667	---	37.74	54.00	16.26	150.0	V	268.0	12.0
10559.608333	46.85	---	74.00	27.15	150.0	V	207.0	12.0

Final Result

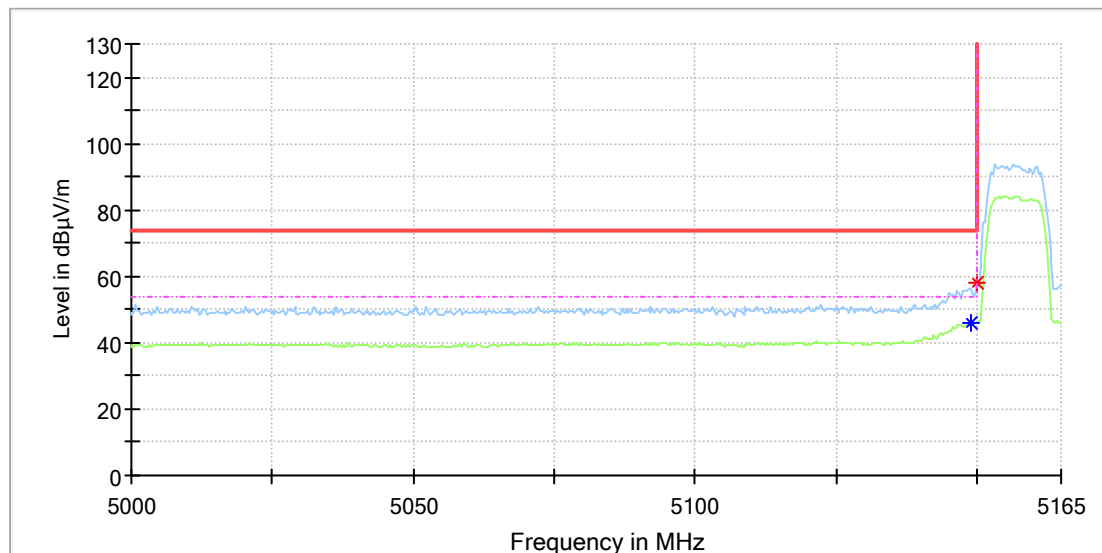
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

5.2GHz SDR, 10MHz BW

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_10M_5157MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

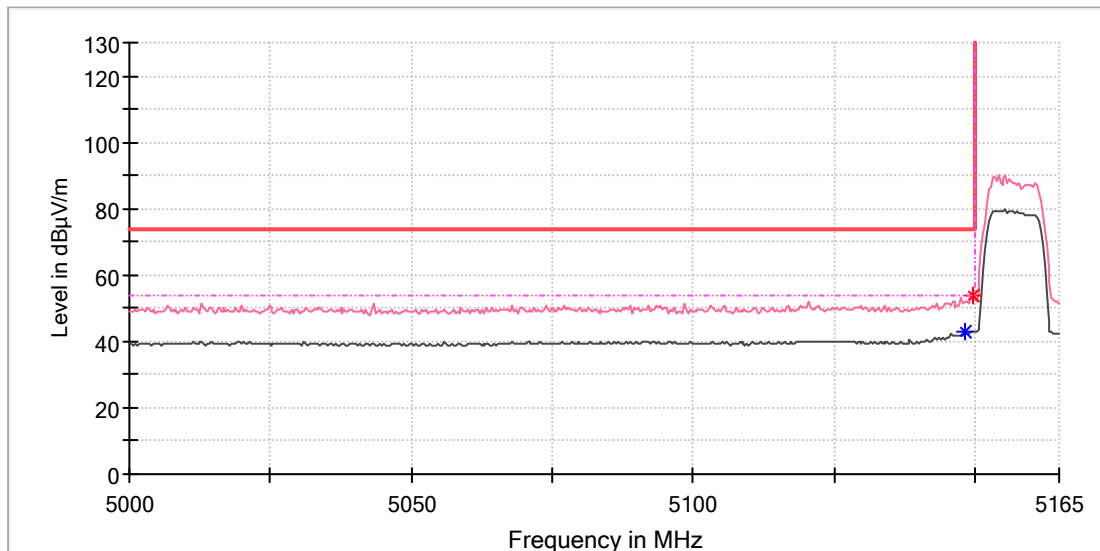
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.972222	---	45.82	54.00	8.18	150.0	H	172.0	12.4
5149.955556	57.80	---	74.00	16.20	150.0	H	190.0	12.4

Final_Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_10M_5157MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

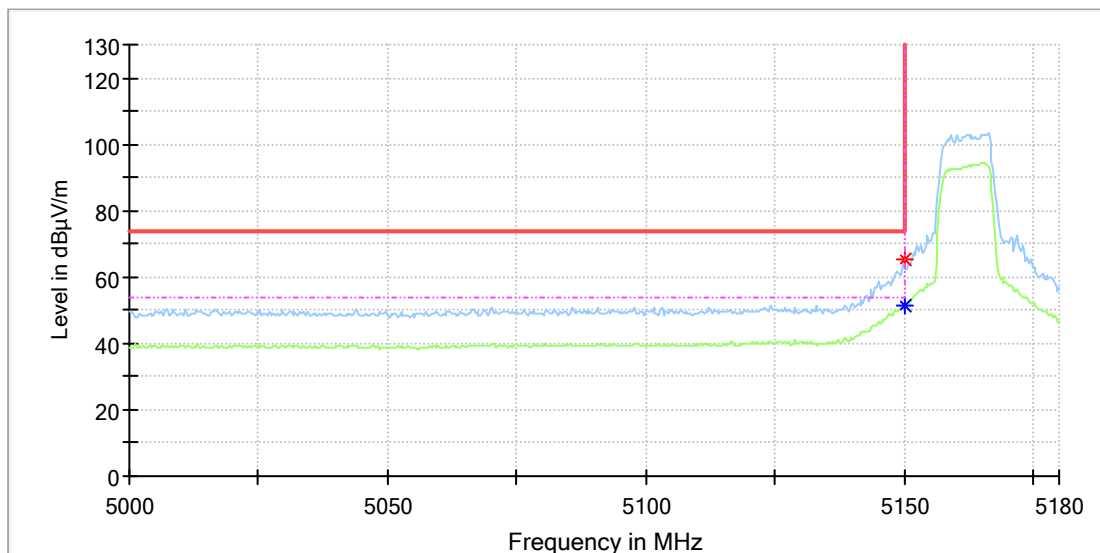
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.316667	---	42.89	54.00	11.11	150.0	V	269.0	12.4
5149.627778	53.54	---	74.00	20.46	150.0	V	269.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_10M_5162MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

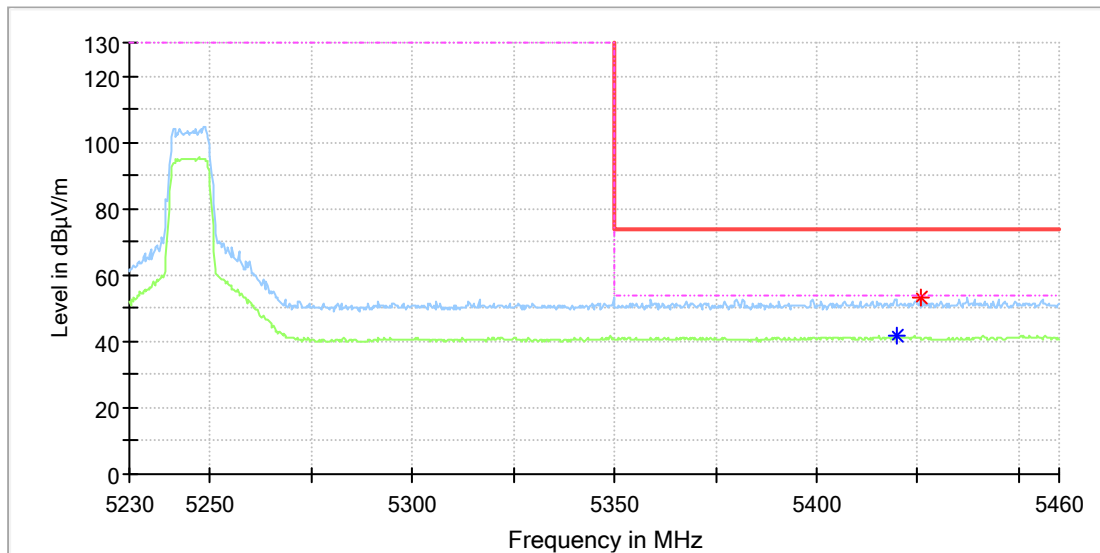
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.955556	---	51.35	54.00	2.65	150.0	H	180.0	12.4
5149.955556	65.03	---	74.00	8.97	150.0	H	180.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_10M_5245MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

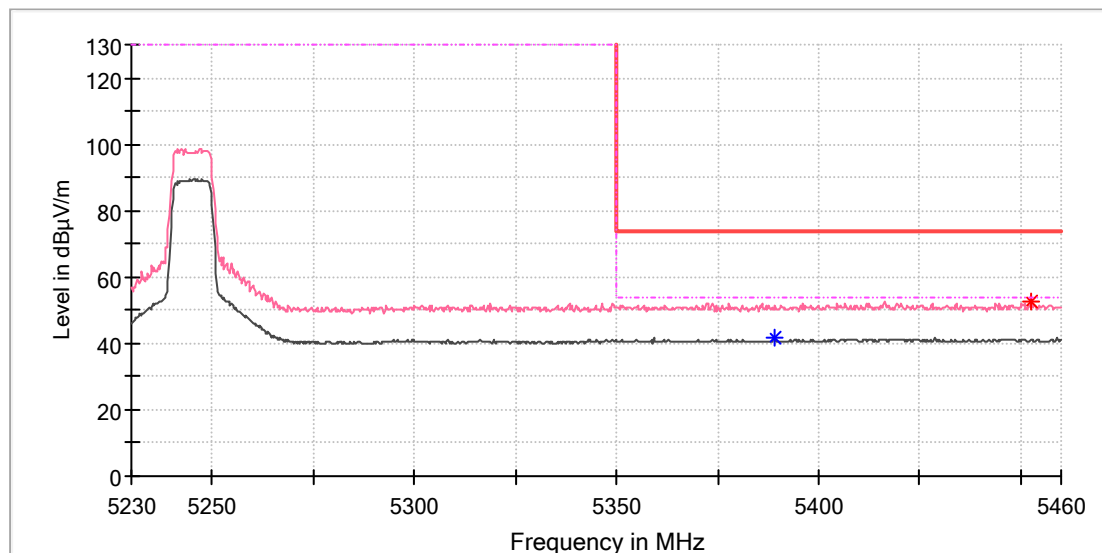
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5419.661111	---	41.77	54.00	12.23	150.0	H	295.0	13.5
5425.550000	53.29	---	74.00	20.71	150.0	H	145.0	13.5

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_10M_5245MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
5389.038889	---	41.44	54.00	12.56	150.0	V	48.0	13.4
5452.638889	52.64	---	74.00	21.36	150.0	V	134.0	13.5

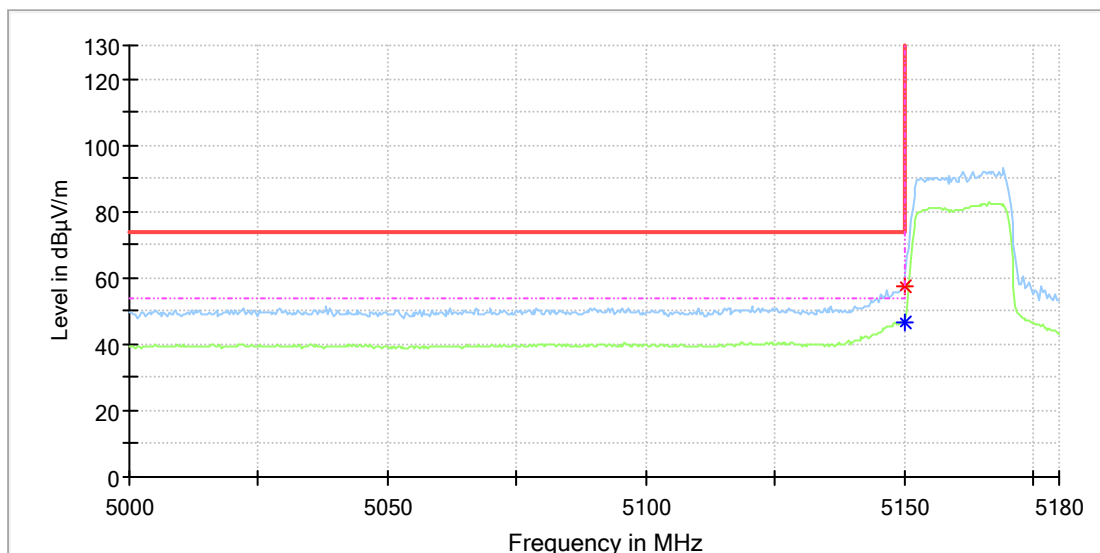
Final Result

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:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_20M_5161MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

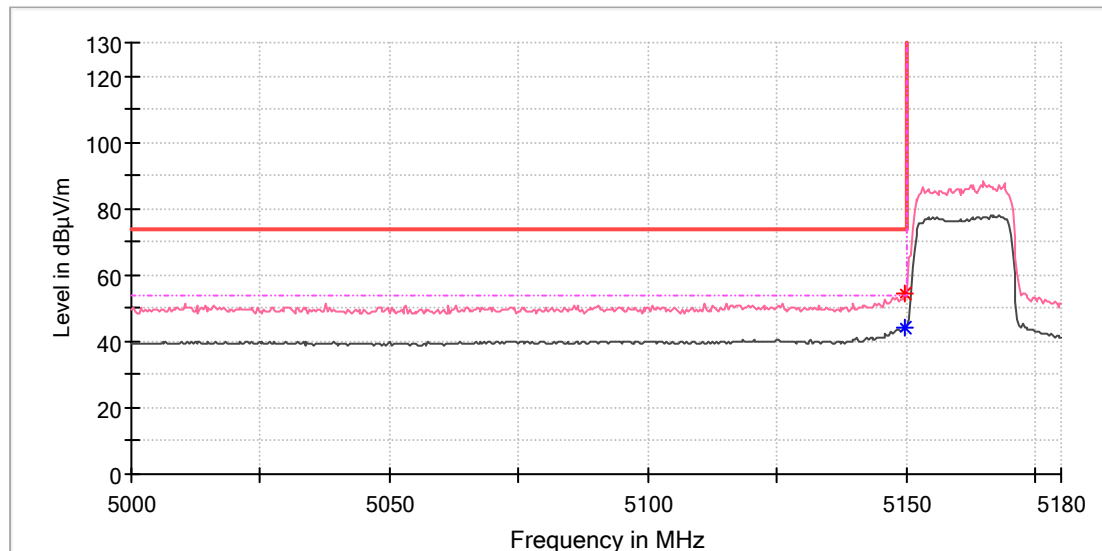
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.955556	57.38	---	74.00	16.62	150.0	H	178.0	12.4
5149.955556	---	46.73	54.00	7.27	150.0	H	178.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_20M_5161MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

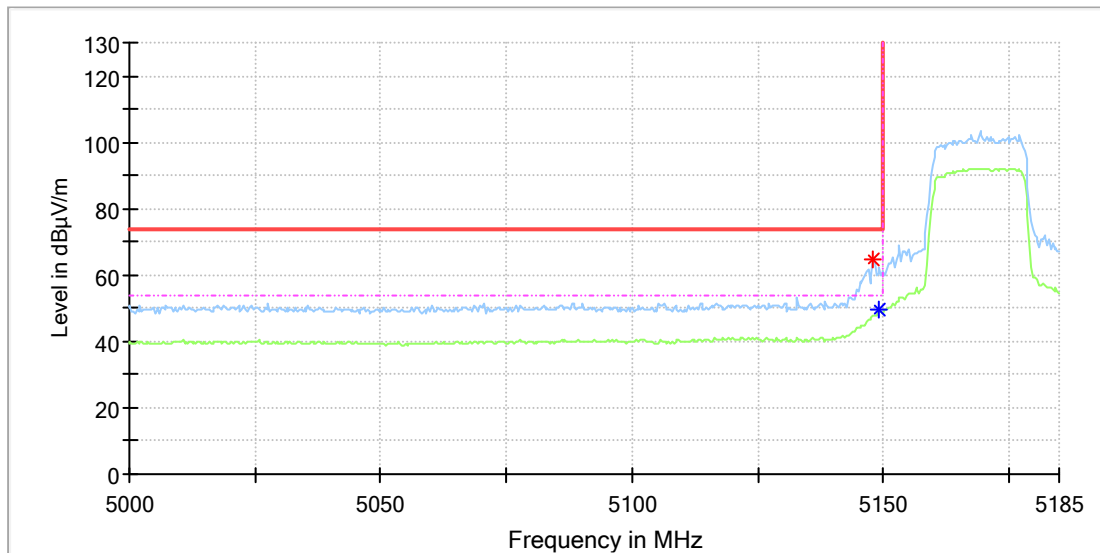
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	---	43.90	54.00	10.10	150.0	V	175.0	12.4
5149.627778	54.26	---	74.00	19.74	150.0	V	175.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_20M_5169MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

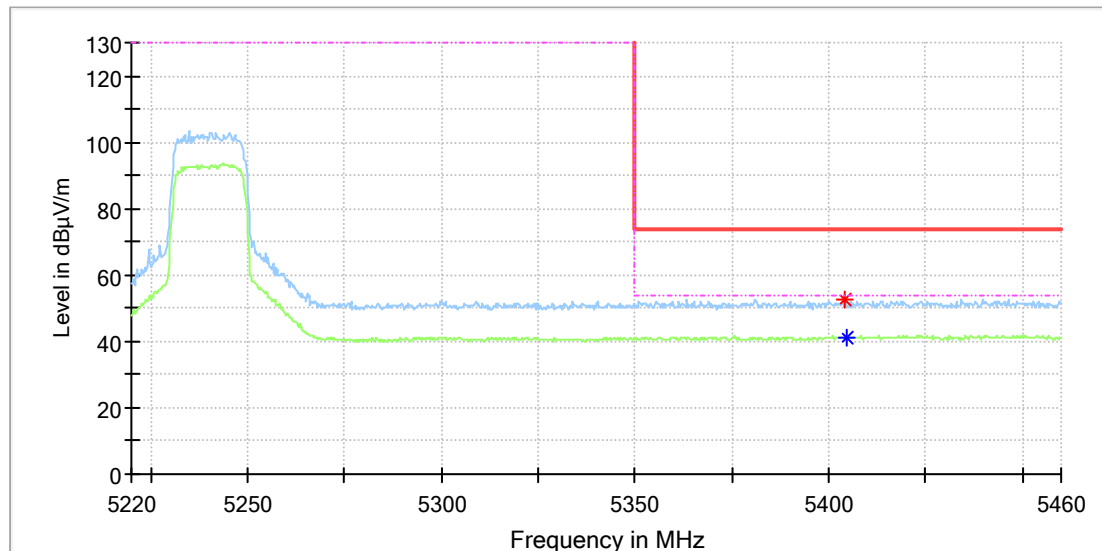
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.988889	64.92	---	74.00	9.08	150.0	H	190.0	12.4
5148.972222	---	49.37	54.00	4.63	150.0	H	184.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_20M_5240MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

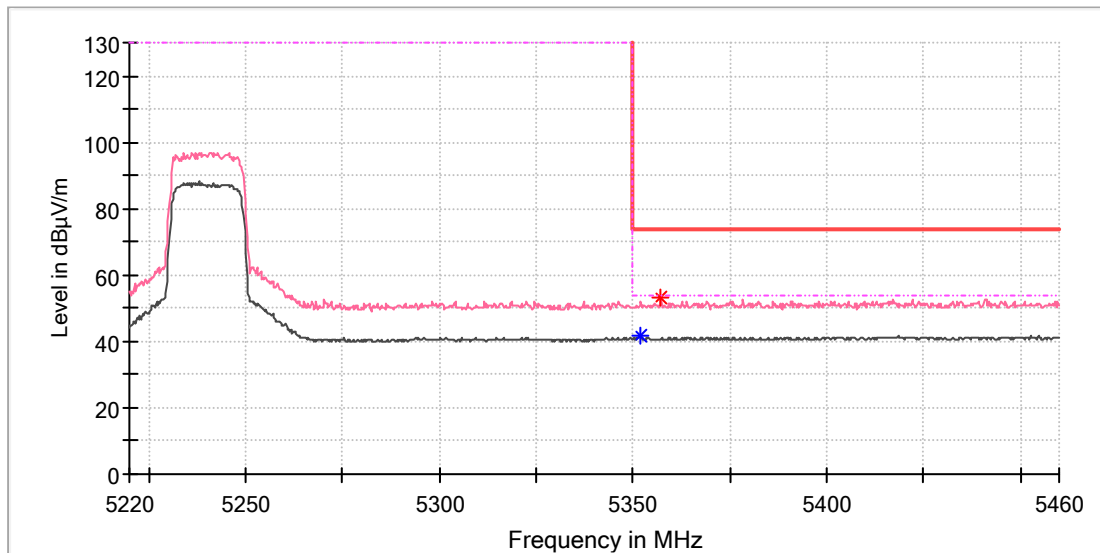
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5404.350000	52.77	---	74.00	21.23	150.0	H	165.0	13.5
5404.644444	---	41.39	54.00	12.61	150.0	H	2.0	13.5

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_20M_5240MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
5351.644445	---	41.50	54.00	12.50	150.0	V	135.0	13.3
5357.238889	53.02	---	74.00	20.98	150.0	V	252.0	13.3

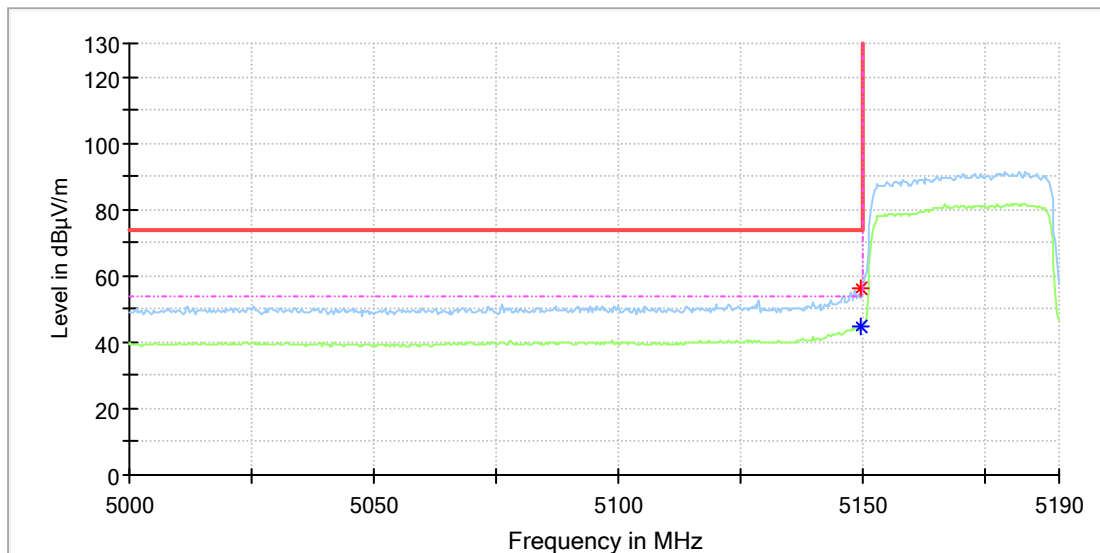
Final Result

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:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_40M_5170MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

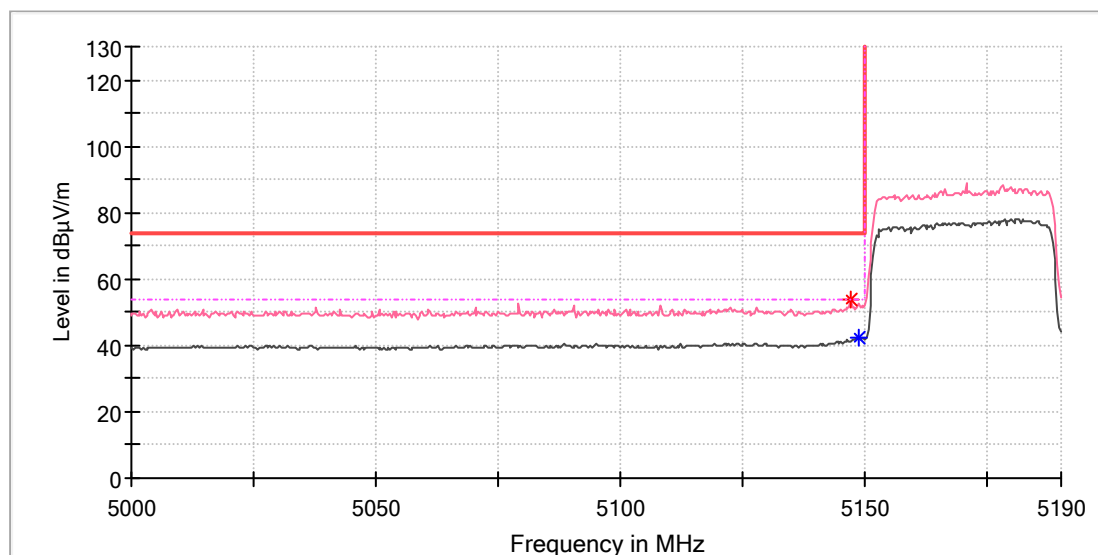
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	---	44.85	54.00	9.15	150.0	H	165.0	12.4
5149.627778	56.25	---	74.00	17.75	150.0	H	165.0	12.4

Final_Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_40M_5170MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

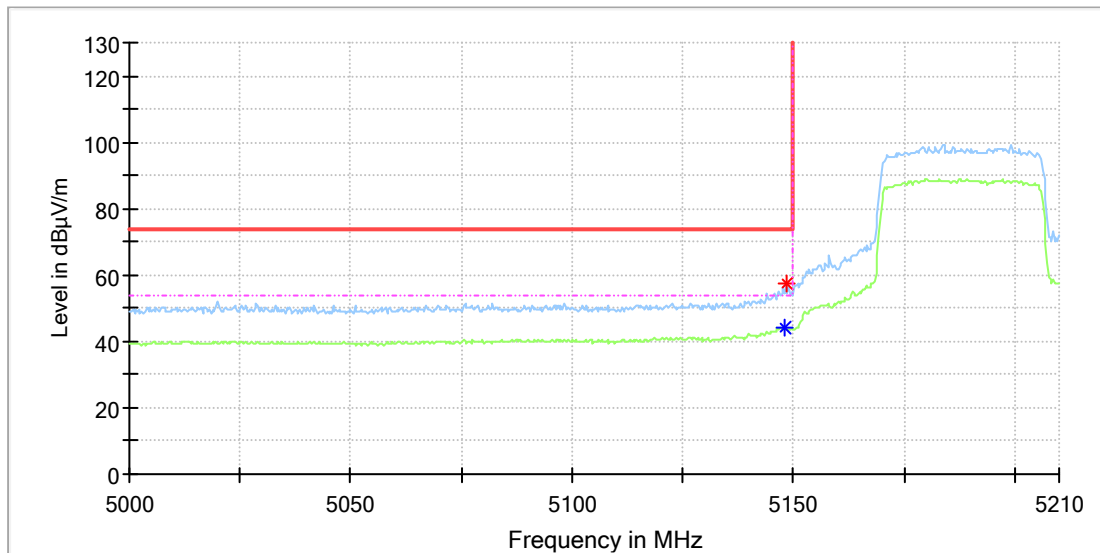
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.005556	53.66	---	74.00	20.34	150.0	V	176.0	12.4
5148.644445	---	42.22	54.00	11.78	150.0	V	176.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_40M_5188MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

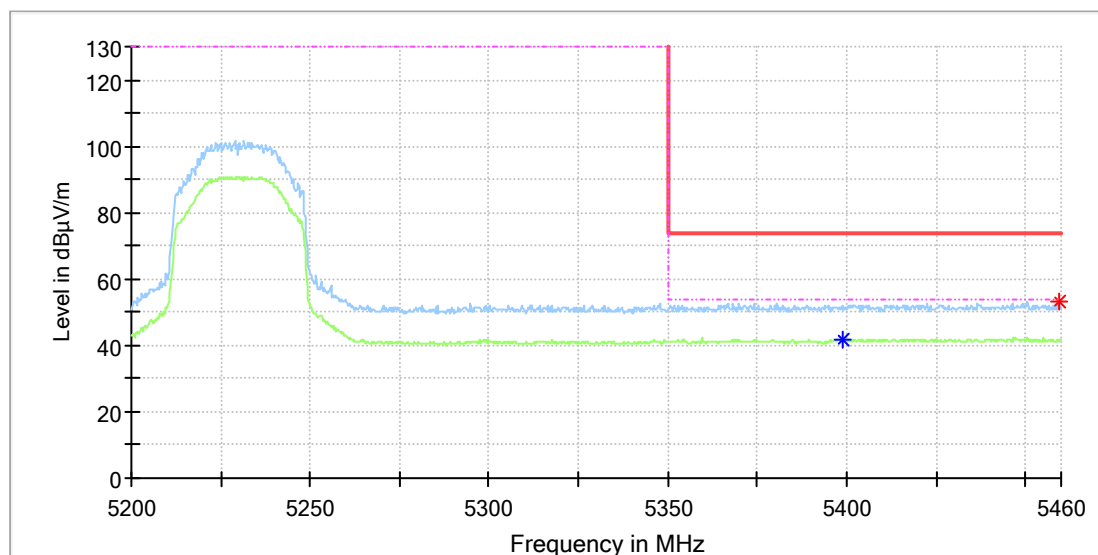
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.988889	---	44.37	54.00	9.63	150.0	H	173.0	12.4
5148.316667	57.31	---	74.00	16.69	150.0	H	166.0	12.4

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Lich Chen
Reviewed By:	Terry Yin



Critical Freqs

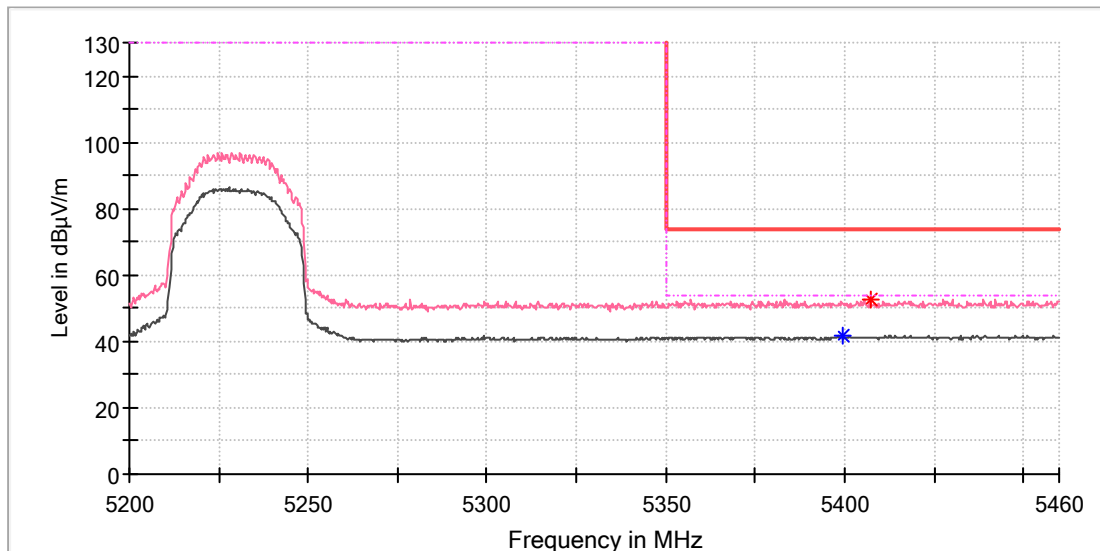
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5399.050000	---	41.83	54.00	12.17	150.0	H	110.0	13.4
5459.705556	53.22	---	74.00	20.78	150.0	H	170.0	13.6

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_40M_5230MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
5399.344445	---	41.91	54.00	12.09	150.0	V	250.0	13.5
5407.294444	52.87	---	74.00	21.13	150.0	V	263.0	13.5

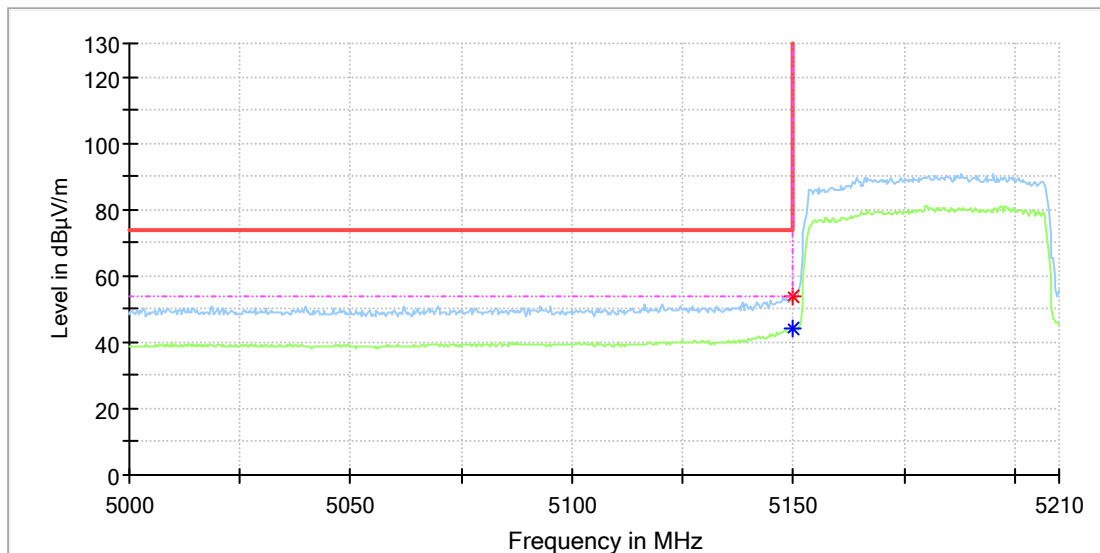
Final Result

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

5.2GHz SDR, 60MHz BW

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_60M_5180MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

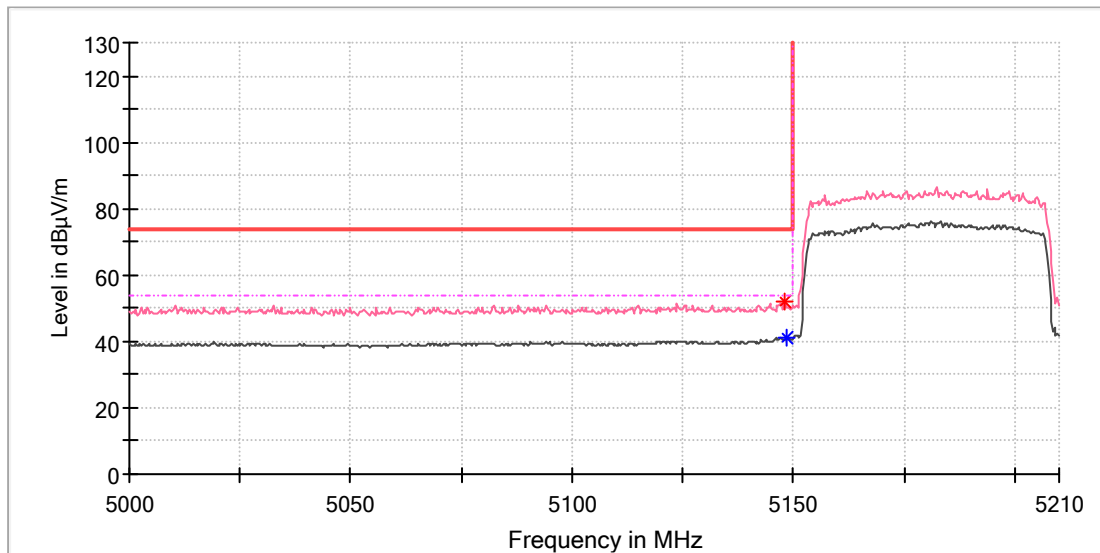
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	---	43.86	54.00	10.14	150.0	H	177.0	12.4
5149.955556	54.11	---	74.00	19.89	150.0	H	177.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_60M_5180MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

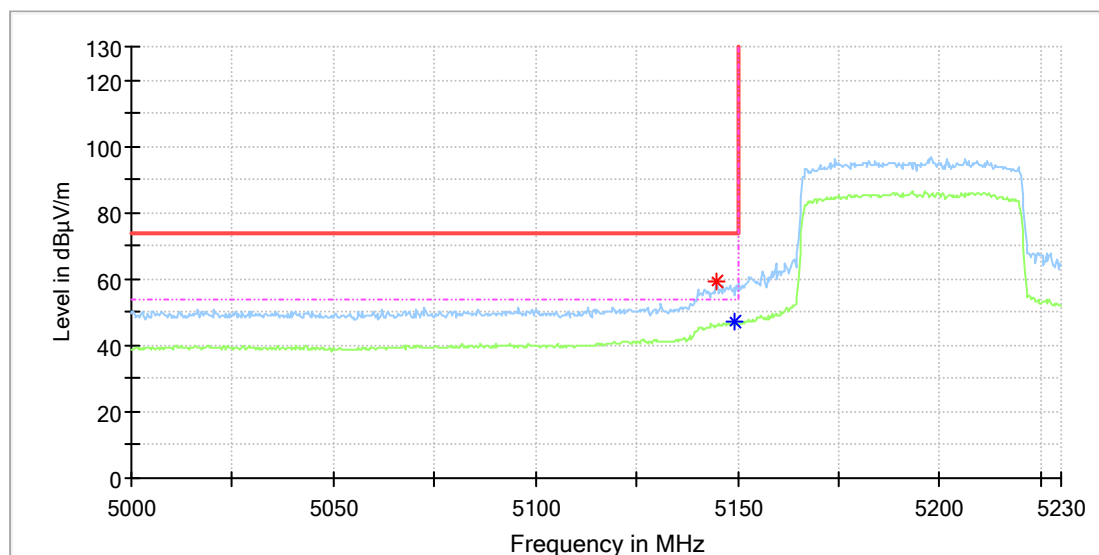
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.988889	51.87	---	74.00	22.13	150.0	V	175.0	12.4
5148.644445	---	41.10	54.00	12.90	150.0	V	84.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_60M_5193MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

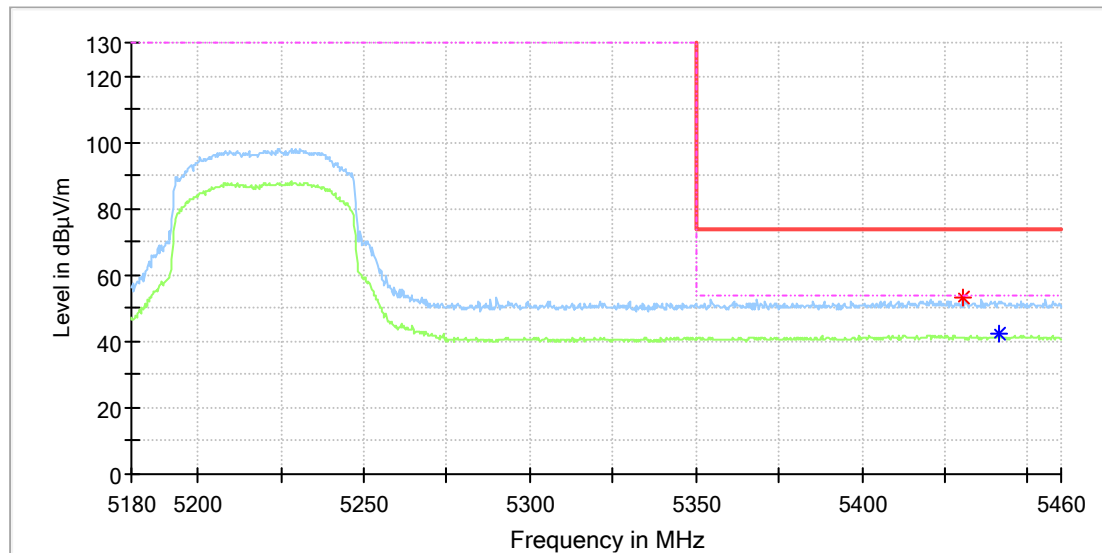
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5144.711111	59.16	---	74.00	14.84	150.0	H	179.0	12.4
5148.972222	---	46.93	54.00	7.07	150.0	H	179.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_60M_5220MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

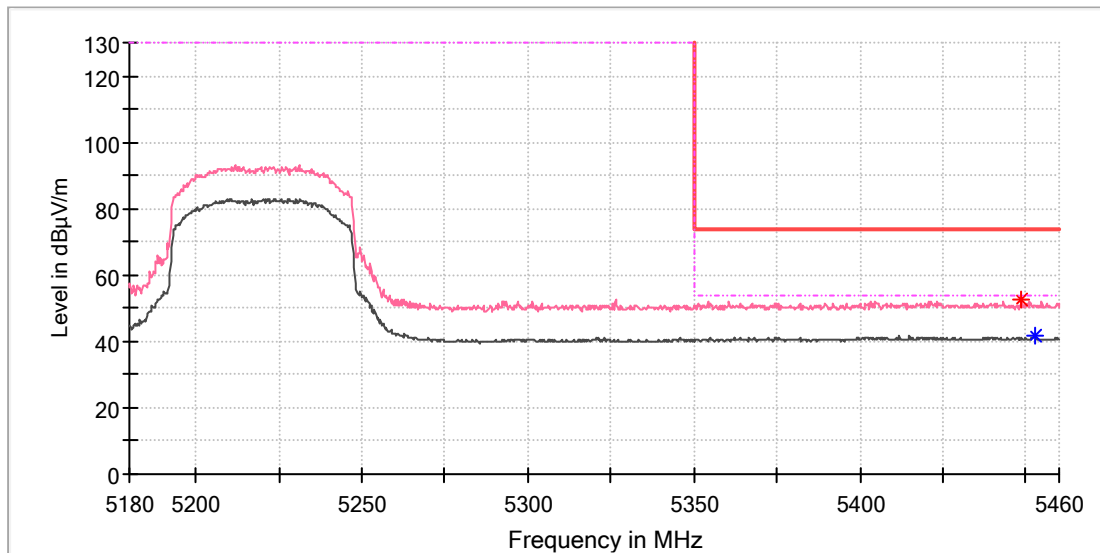
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5430.261111	53.11	---	74.00	20.89	150.0	H	164.0	13.5
5441.155556	---	42.06	54.00	11.94	150.0	H	164.0	13.5

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_60M_5220MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
5448.811111	52.50	---	74.00	21.50	150.0	V	0.0	13.5
5452.933333	---	41.44	54.00	12.56	150.0	V	270.0	13.5

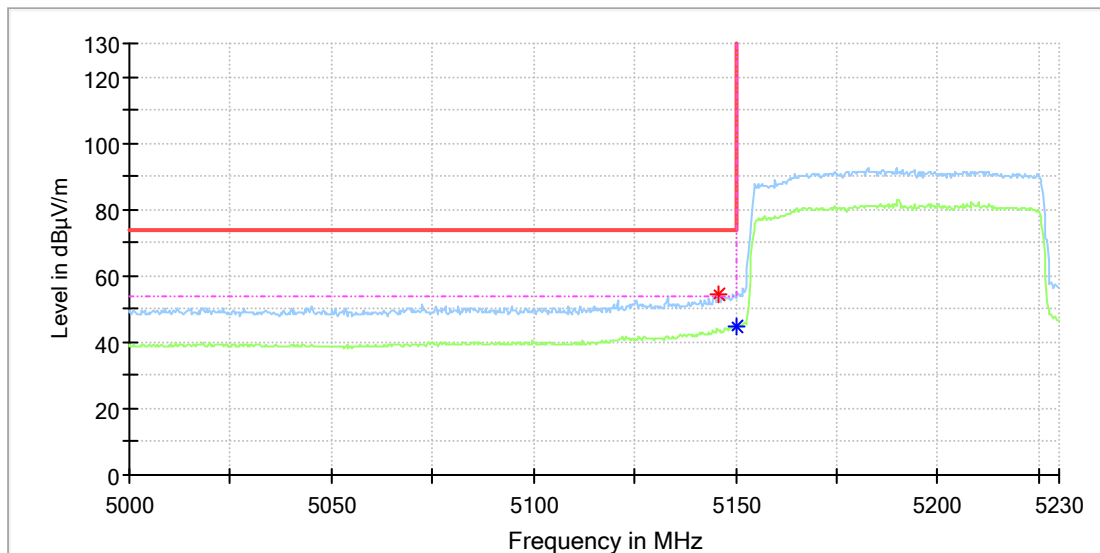
Final Result

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

5.2GHz SDR, 80MHz BW

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_80M_5190MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

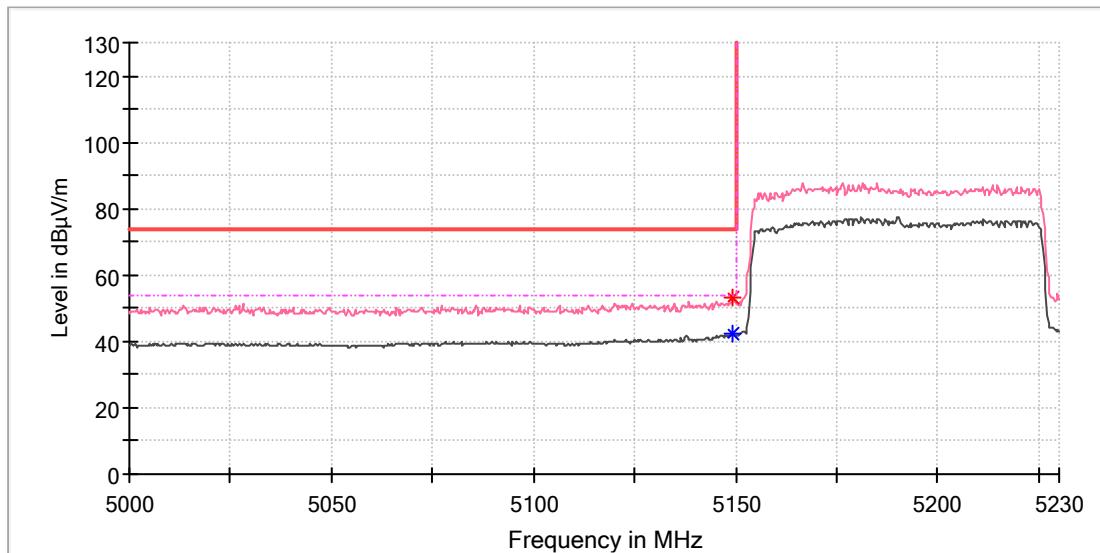
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5145.694445	54.50	---	74.00	19.50	150.0	H	190.0	12.4
5149.955556	---	44.69	54.00	9.31	150.0	H	190.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_80M_5190MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

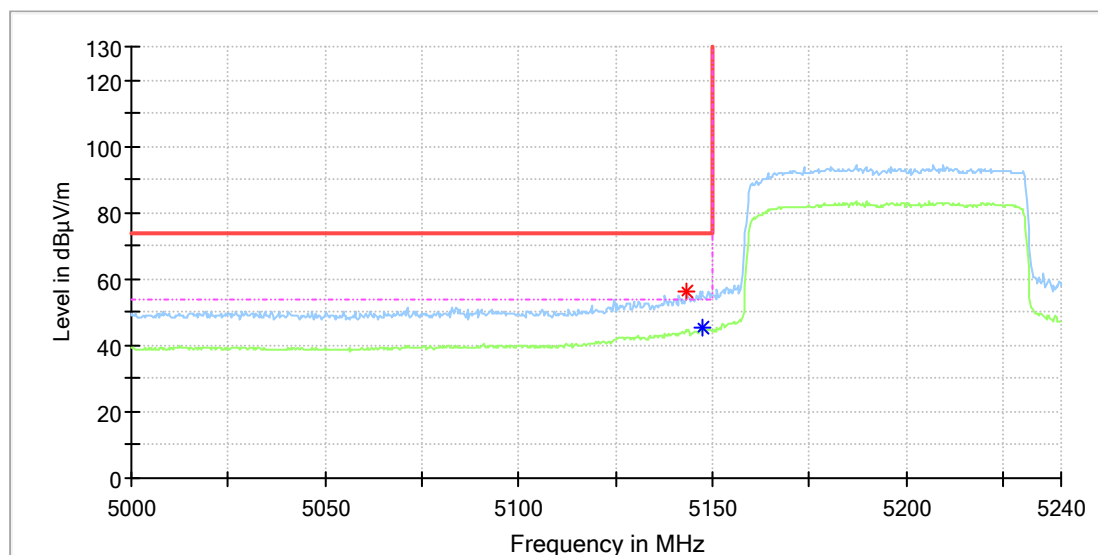
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.300000	52.95	---	74.00	21.05	150.0	V	178.0	12.4
5149.300000	---	42.12	54.00	11.88	150.0	V	178.0	12.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_80M_5195MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

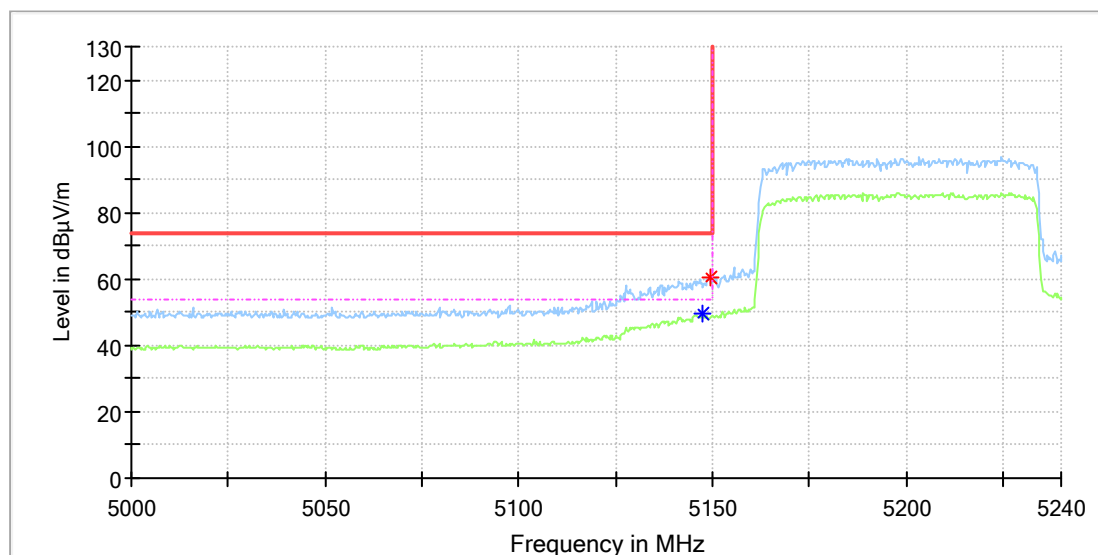
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5143.400000	56.46	---	74.00	17.54	150.0	H	181.0	12.4
5147.333333	---	45.13	54.00	8.87	150.0	H	181.0	12.4

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_80M_5198MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

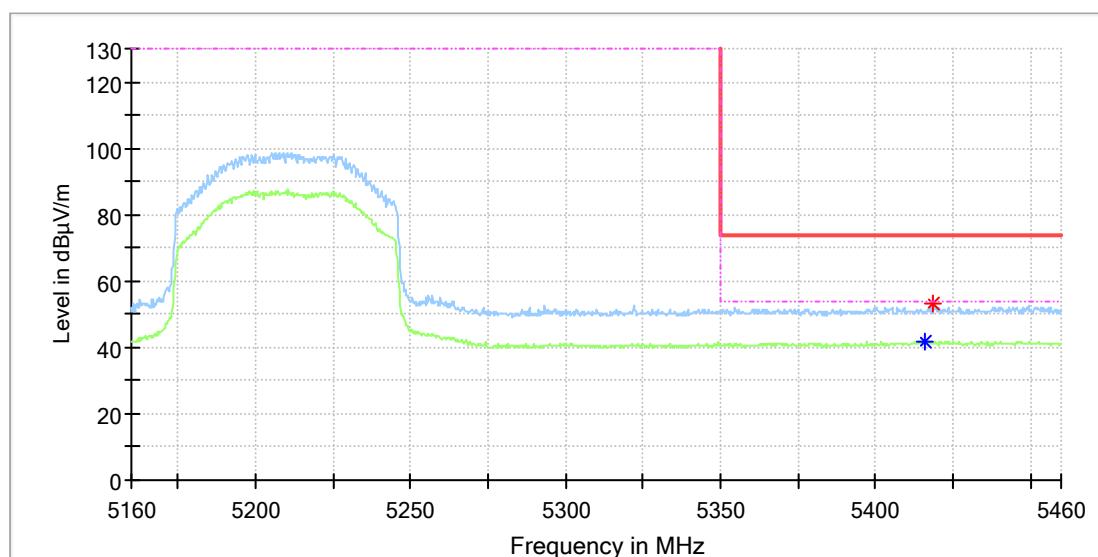
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.333333	---	49.58	54.00	4.42	150.0	H	174.0	12.4
5149.300000	60.40	---	74.00	13.60	150.0	H	174.0	12.4

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.2G_80M_5210MHz
Order No/Sample No:	168484696/A003743305-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

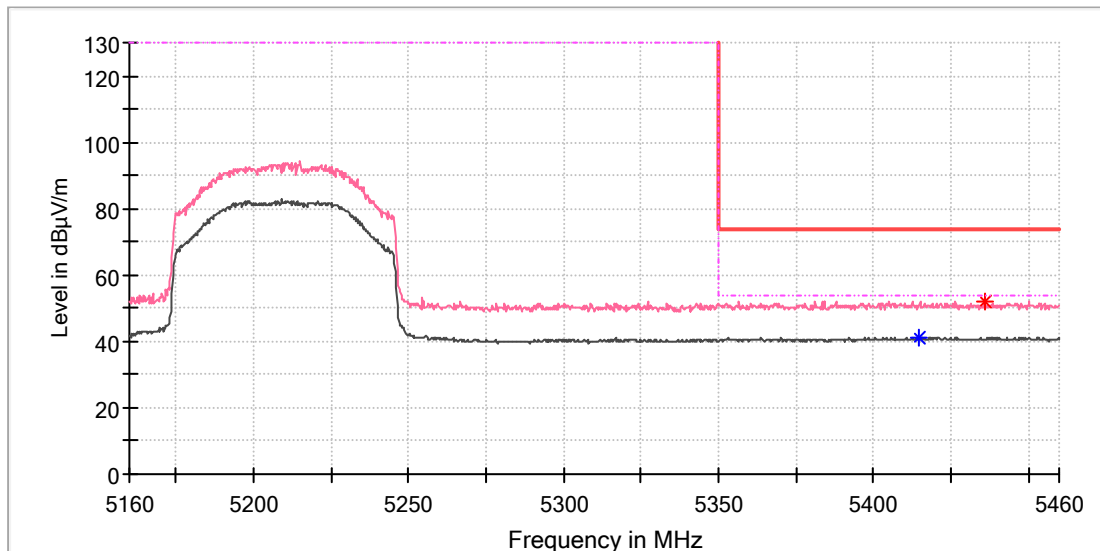
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5416.127778	---	41.69	54.00	12.31	150.0	H	168.0	13.5
5418.777778	53.46	---	74.00	20.54	150.0	H	168.0	13.5

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.2G_80M_5210MHz
Order No/Sample No: 168484696/A003743305-001
Test Voltage: Battery
Remark: Temp 23 Humi:58%
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)
5414.950000	---	41.14	54.00	12.86	150.0	V	244.0	13.5
5435.855556	52.21	---	74.00	21.79	150.0	V	289.0	13.5

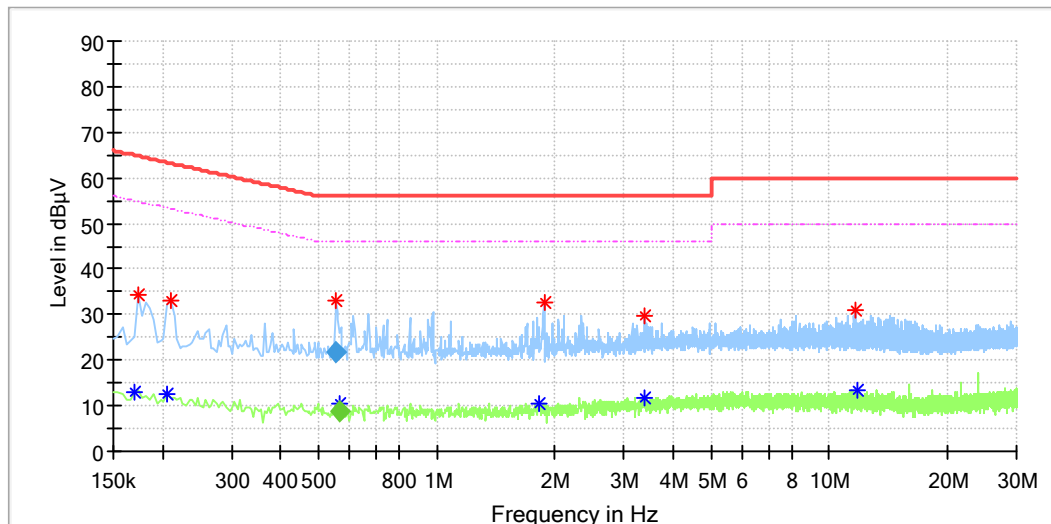
Final Result

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

EUT Information

EUT Name: Drone
Order Number: 168484696
Model: L3A
Test Mode: 5.2G SDR Link
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By:/Review By: Steve Lan/ Shower Dai
Tem./Hum./Pressure: 23.4°C/51.2%/101kPa
Remark: SR2



Critical Freqs

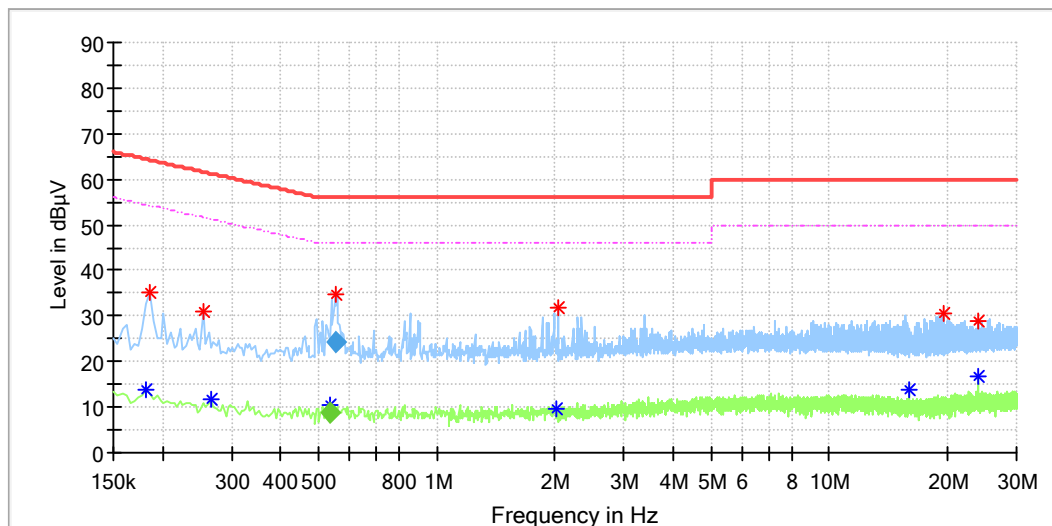
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.170000	---	12.93	54.96	42.03	L1	9.9
0.174000	34.28	---	64.77	30.49	L1	9.9
0.206000	---	12.77	53.37	40.60	L1	9.9
0.210000	33.26	---	63.21	29.95	L1	9.9
0.553500	32.97	---	56.00	23.03	L1	10.0
0.565500	---	10.51	46.00	35.49	L1	10.0
1.822000	---	10.50	46.00	35.50	L1	10.1
1.878000	32.51	---	56.00	23.49	L1	10.1
3.374000	---	11.73	46.00	34.27	L1	10.2
3.378000	29.64	---	56.00	26.36	L1	10.2
11.622000	30.86	---	60.00	29.14	L1	10.3
11.814000	---	13.47	50.00	36.53	L1	10.3

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.553500	21.88	---	56.00	34.12	1000.0	9.000	L1	10.0
0.565500	---	8.78	46.00	37.22	1000.0	9.000	L1	10.0

EUT Information

EUT Name: Drone
Order Number: 168484696
Model: L3A
Test Mode: 5.2G SDR Link
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By:/Review By: Steve Lan/ Shower Dai
Tem./Hum./Pressure: 23.4°C/51.2%/101kPa
Remark: SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.182000	---	13.65	54.39	40.74	N	9.8
0.186000	35.24	---	64.21	28.98	N	9.8
0.254000	31.18	---	61.63	30.45	N	9.8
0.266000	---	11.87	51.24	39.38	N	9.8
0.537500	---	10.66	46.00	35.34	N	9.8
0.554500	34.69	---	56.00	21.31	N	9.8
2.014000	---	9.76	46.00	36.24	N	9.9
2.042000	31.98	---	56.00	24.02	N	9.9
15.998000	---	13.85	50.00	36.15	N	10.2
19.542000	30.44	---	60.00	29.56	N	10.2
23.886000	28.75	---	60.00	31.25	N	10.3
23.998000	---	16.89	50.00	33.11	N	10.3

Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.537500	---	8.86	46.00	37.14	1000.0	9.000	N	9.8
0.554500	24.09	---	56.00	31.91	1000.0	9.000	N	9.8