

Appendix B: Test Results of 5.8GHz SDR

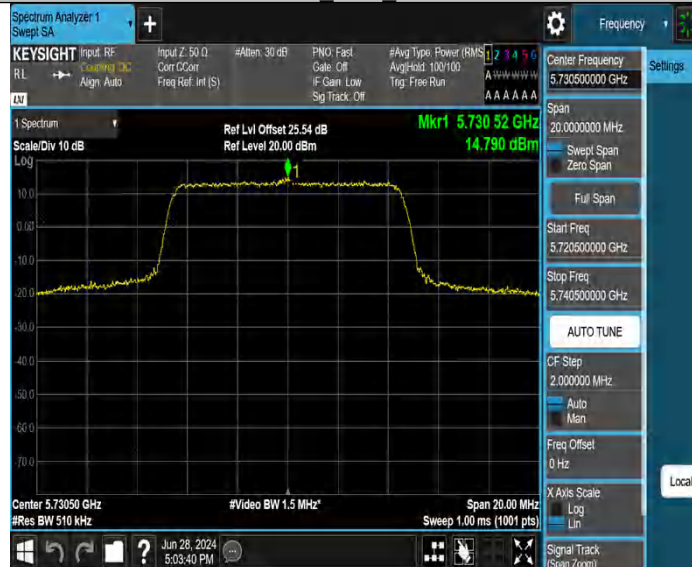
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Appendix B.1: Test Results of Conducted Power Spectral Density

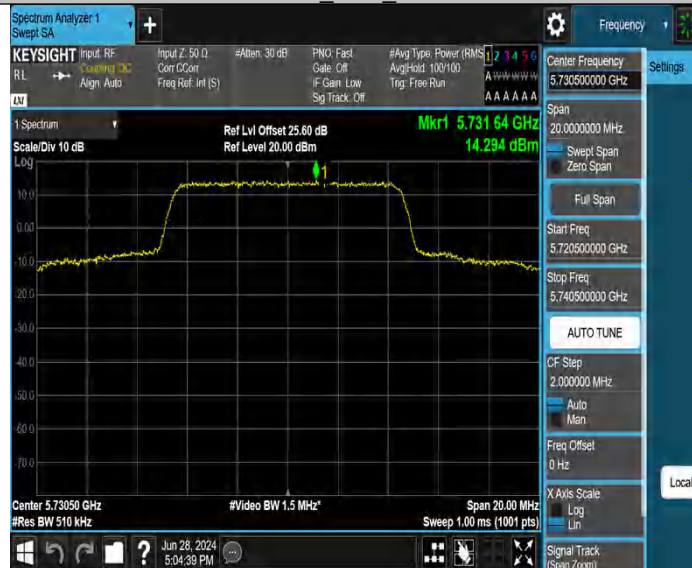
5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
10MHz	Ant0	5730.5	14.79	≤30.00	PASS
	Ant3	5730.5	14.29	≤30.00	PASS
	total	5730.5	17.56	≤30.00	PASS
	Ant0	5787.5	16.37	≤30.00	PASS
	Ant3	5787.5	15.17	≤30.00	PASS
	total	5787.5	18.82	≤30.00	PASS
	Ant0	5844.5	14.43	≤30.00	PASS
	Ant3	5844.5	14.02	≤30.00	PASS
	total	5844.5	17.24	≤30.00	PASS

10MHz Ant1 5730.5



10MHz Ant2 5730.5



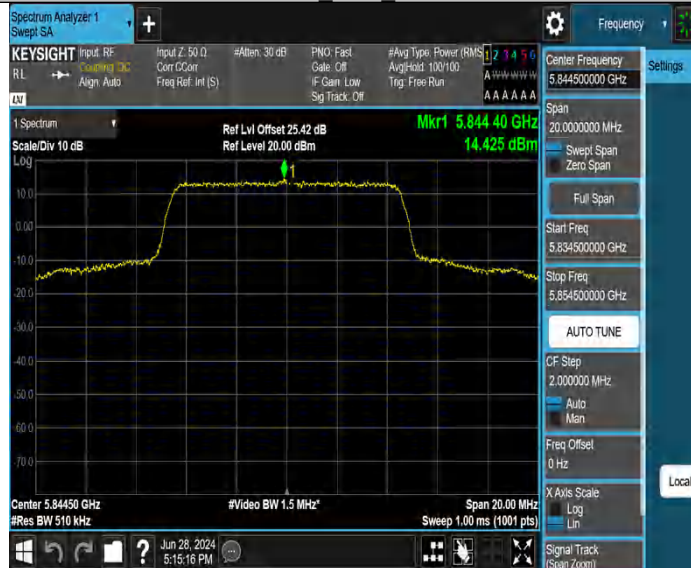
10MHz Ant1 5787.5



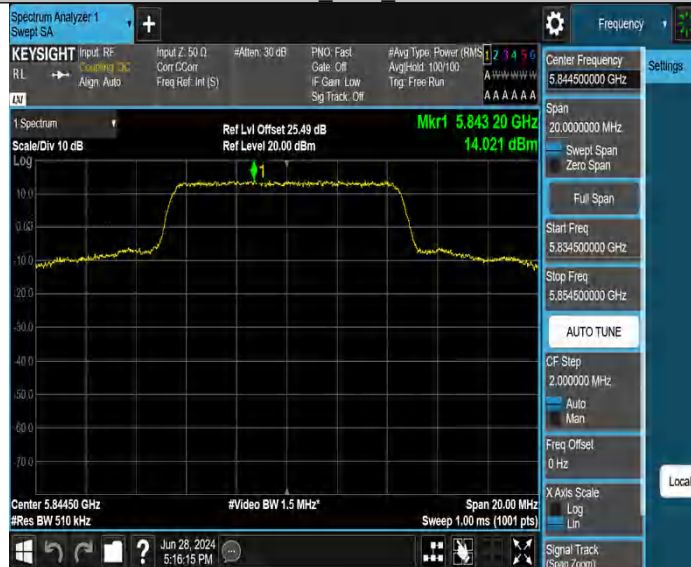
10MHz Ant2 5787.5



10MHz Ant1 5844.5



10MHz Ant2 5844.5



5.8G SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
20MHz	Ant0	5735.5	11.03	≤30.00	PASS
	Ant3	5735.5	10.83	≤30.00	PASS
	total	5735.5	13.94	≤30.00	PASS
	Ant0	5787.5	12.94	≤30.00	PASS
	Ant3	5787.5	12.55	≤30.00	PASS
	total	5787.5	15.76	≤30.00	PASS
	Ant0	5839.5	9.66	≤30.00	PASS
	Ant3	5839.5	10.15	≤30.00	PASS
	total	5839.5	12.92	≤30.00	PASS

20MHz Ant0 5735.5



20MHz Ant3 5735.5



20MHz Ant0 5787.5



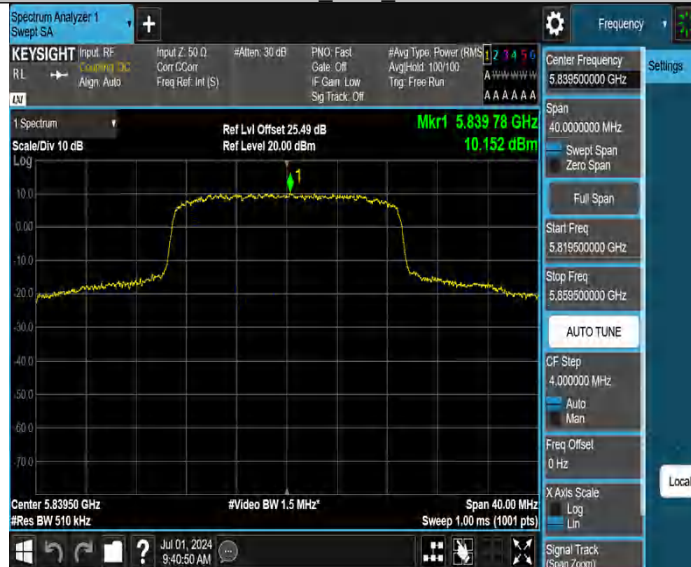
20MHz Ant3 5787.5



20MHz Ant0 5839.5



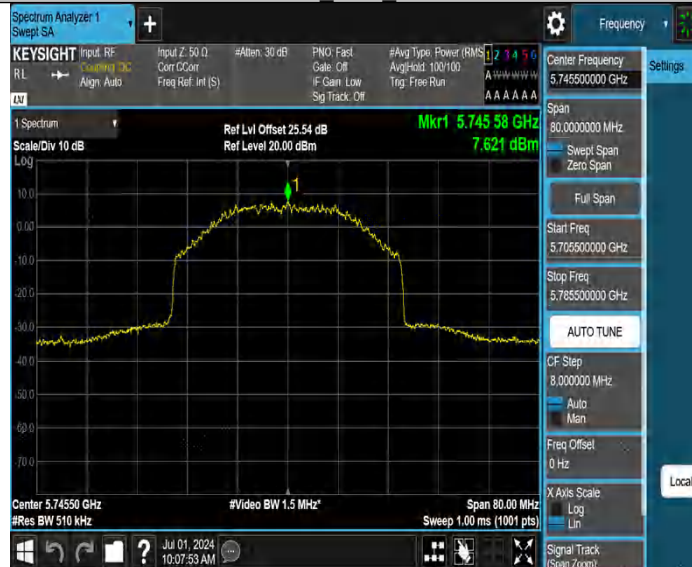
20MHz Ant3 5839.5



5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
40MHz	Ant0	5745.5	7.62	≤30.00	PASS
	Ant3	5745.5	7.96	≤30.00	PASS
	total	5745.5	10.80	≤30.00	PASS
	Ant0	5787.5	11.08	≤30.00	PASS
	Ant3	5787.5	10.91	≤30.00	PASS
	total	5787.5	14.01	≤30.00	PASS
	Ant0	5829.5	6.25	≤30.00	PASS
	Ant3	5829.5	7.28	≤30.00	PASS
	total	5829.5	9.81	≤30.00	PASS

40MHz Ant0 5745.5



40MHz Ant3 5745.5



40MHz Ant0 5787.5



40MHz Ant3 5787.5



40MHz Ant0 5829.5



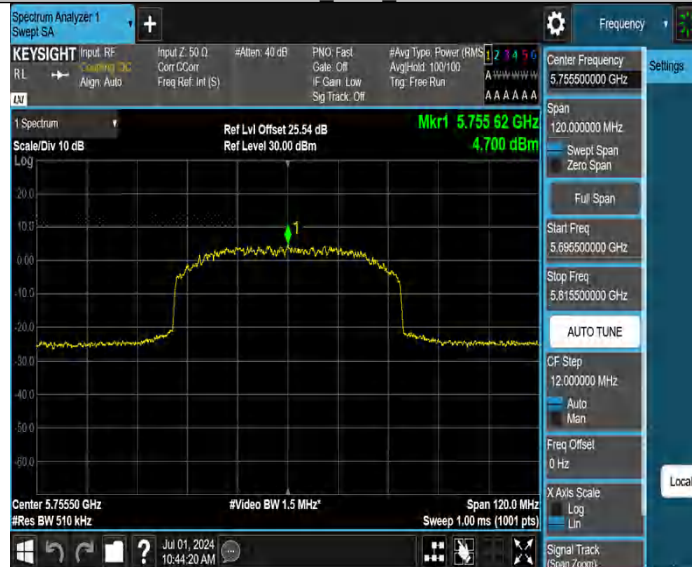
40MHz Ant3 5829.5



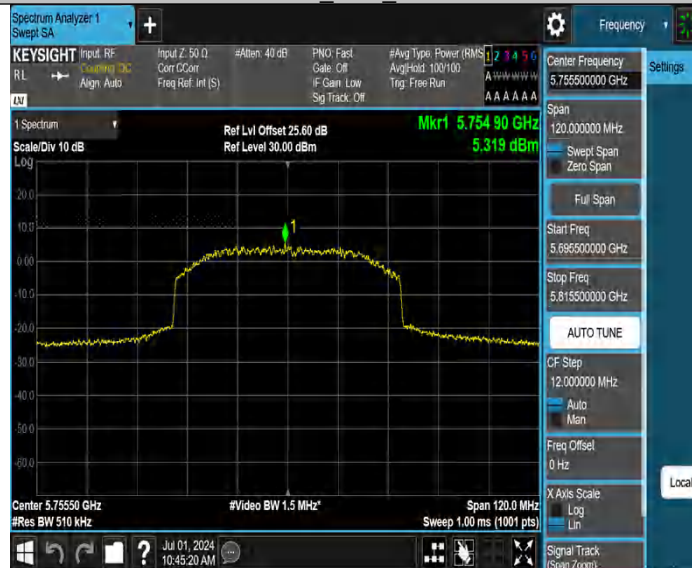
5.8G SDR, 60MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
60MHz	Ant0	5755.5	4.70	≤30.00	PASS
	Ant3	5755.5	5.32	≤30.00	PASS
	total	5755.5	8.03	≤30.00	PASS
	Ant0	5787.5	4.33	≤30.00	PASS
	Ant3	5787.5	5.40	≤30.00	PASS
	total	5787.5	7.91	≤30.00	PASS
	Ant0	5819.5	4.52	≤30.00	PASS
	Ant3	5819.5	4.85	≤30.00	PASS
	total	5819.5	7.70	≤30.00	PASS

60MHz Ant0 5755.5



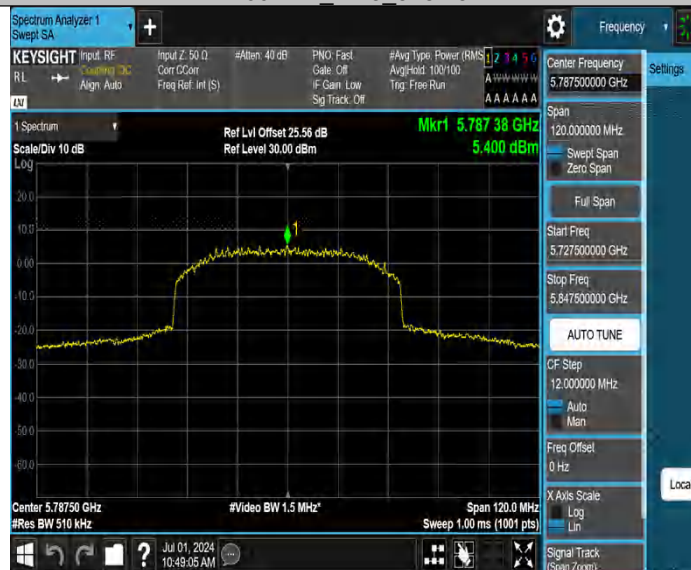
60MHz Ant3 5755.5



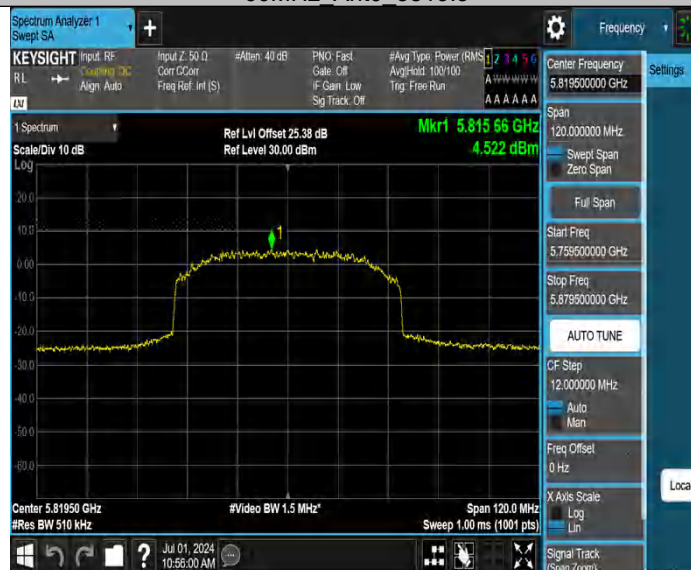
60MHz Ant0 5787.5



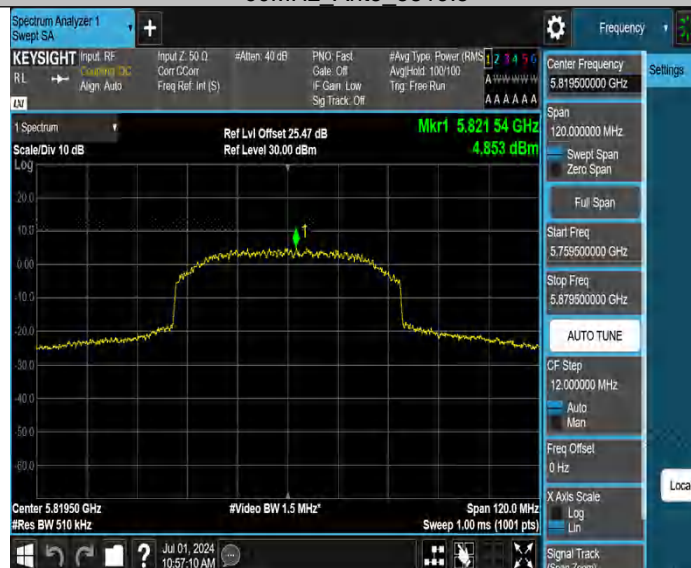
60MHz Ant3 5787.5



60MHz Ant0 5819.5



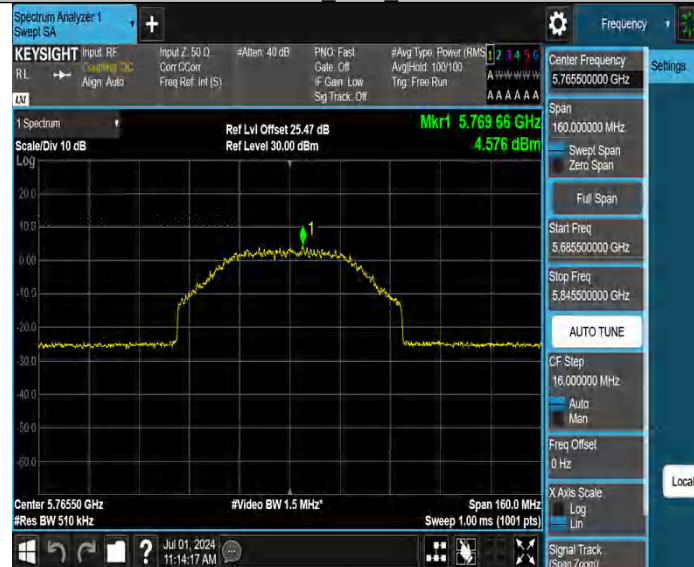
60MHz Ant3 5819.5



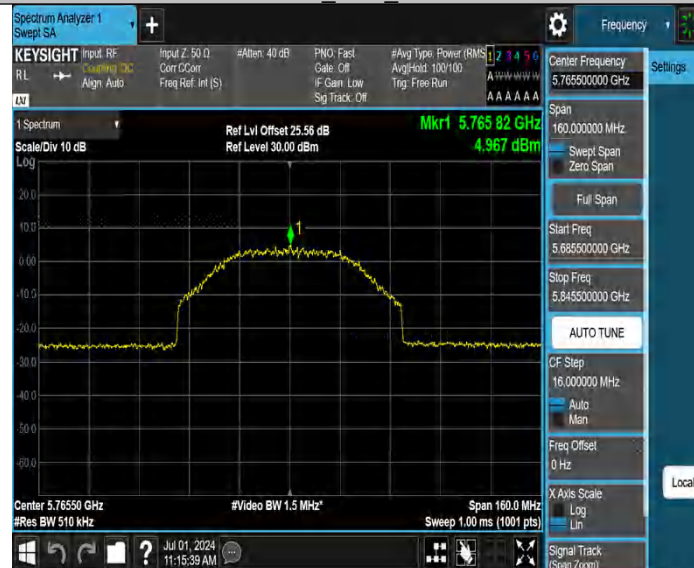
5.8G SDR, 80MHz BW

TestMode	Antenna	Channel	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
80MHz	Ant0	5765.5	4.58	≤30.00	PASS
	Ant3	5765.5	4.97	≤30.00	PASS
	total	5765.5	7.79	≤30.00	PASS
	Ant0	5787.5	4.22	≤30.00	PASS
	Ant3	5787.5	5.17	≤30.00	PASS
	total	5787.5	7.73	≤30.00	PASS
	Ant0	5809.5	4.32	≤30.00	PASS
	Ant3	5809.5	4.91	≤30.00	PASS
	total	5809.5	7.64	≤30.00	PASS

80MHz Ant0 5765.5



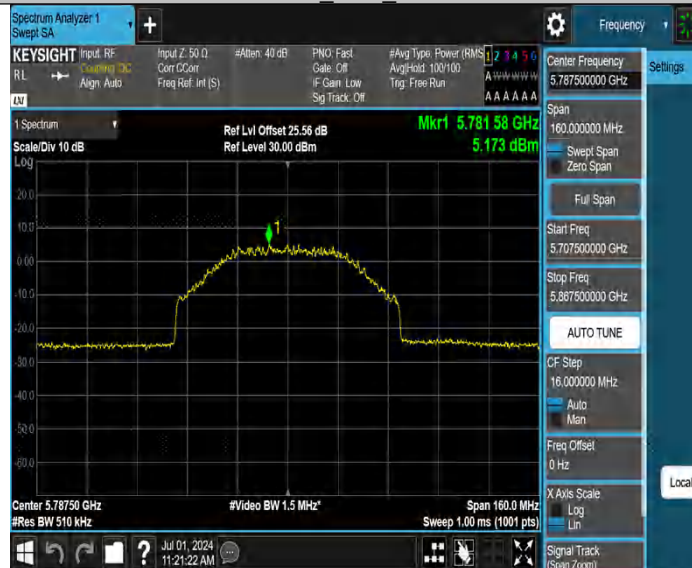
80MHz Ant3 5765.5



80MHz Ant0 5787.5



80MHz Ant3 5787.5



80MHz Ant0 5809.5



80MHz Ant3 5809.5



Appendix B.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
10M	Ant0	5730.5	na	-4000.00	-0.698019	20	PASS
		5787.5	na	-4000.00	-0.691145	20	PASS
		5844.5	na	-4000.00	-0.684404	20	PASS
20M	Ant0	5735.5	na	-3000.00	-0.523058	20	PASS
		5787.5	na	-3000.00	-0.518359	20	PASS
		5839.5	na	-3000.00	-0.513743	20	PASS
40M	Ant0	5745.5	na	-3000.00	-0.522148	20	PASS
		5787.5	na	-3000.00	-0.518359	20	PASS
		5829.5	na	-3000.00	-0.514624	20	PASS
60M	Ant0	5755.5	na	-3000.00	-0.521241	20	PASS
		5787.5	na	-3000.00	-0.518359	20	PASS
		5819.5	na	-3000.00	-0.515508	20	PASS
80M	Ant0	5765.5	na	-3000.00	-0.520336	20	PASS
		5787.5	na	-4000.00	-0.691145	20	PASS
		5809.5	na	-3000.00	-0.516396	20	PASS

Appendix B.3: Test Results of 6dB Bandwidth

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

5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10MHz	Ant0	5730.5	9.000	5726.000	5735.000	0.5	PASS
		5787.5	9.060	5782.960	5792.020	0.5	PASS
		5844.5	9.020	5840.000	5849.020	0.5	PASS

10MHz Ant0_ 5730.5



10MHz Ant0_ 5787.5



10MHz Ant0_ 5844.5



5.8G SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20MHz	Ant0	5735.5	17.520	5726.700	5744.220	0.5	PASS
		5787.5	17.600	5778.660	5796.260	0.5	PASS
		5839.5	17.280	5830.860	5848.140	0.5	PASS

20MHz Ant0_5735.5



20MHz Ant0_5787.5



20MHz Ant0_5839.5



5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40MHz	Ant0	5745.5	36.000	5727.500	5763.500	0.5	PASS
		5787.5	35.840	5769.580	5805.420	0.5	PASS
		5829.5	35.920	5811.500	5847.420	0.5	PASS

40MHz Ant0_5745.5



40MHz Ant0_5787.5



40MHz Ant0_5829.5



5.8G SDR, 60MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60MHz	Ant0	5755.5	53.640	5728.620	5782.260	0.5	PASS
		5787.5	53.640	5760.740	5814.380	0.5	PASS
		5819.5	53.640	5792.620	5846.260	0.5	PASS

60MHz Ant0_5755.5



60MHz Ant0_5787.5



60MHz Ant0_5819.5



5.8G SDR, 80MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80MHz	Ant0	5765.5	70.720	5730.140	5800.860	0.5	PASS
		5787.5	70.880	5751.980	5822.860	0.5	PASS
		5809.5	70.720	5774.140	5844.860	0.5	PASS

80MHz Ant0_5765.5



80MHz Ant0_5787.5



80MHz Ant0_5809.5



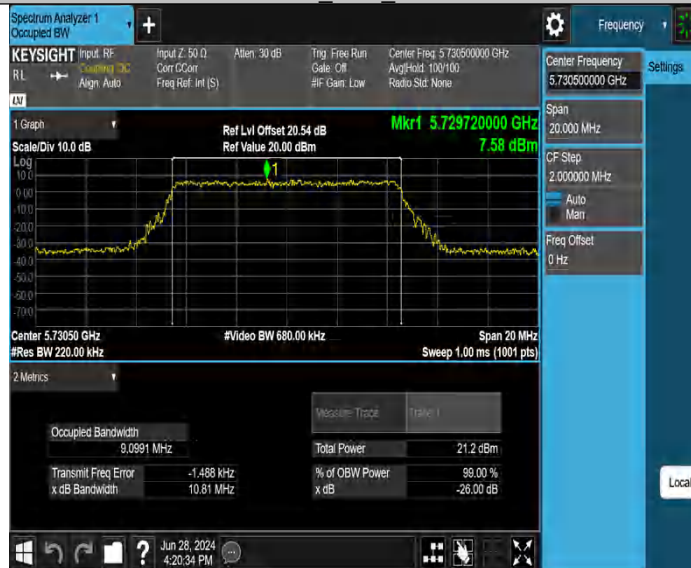
Appendix B.4: Test Results of 99% Bandwidth

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

5.8G SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10MHz	Ant0	5730.5	9.0991	5725.9490	5735.0481	---	PASS
		5787.5	9.0666	5782.9647	5792.0313	---	PASS
		5844.5	9.0856	5839.9359	5849.0215	---	PASS

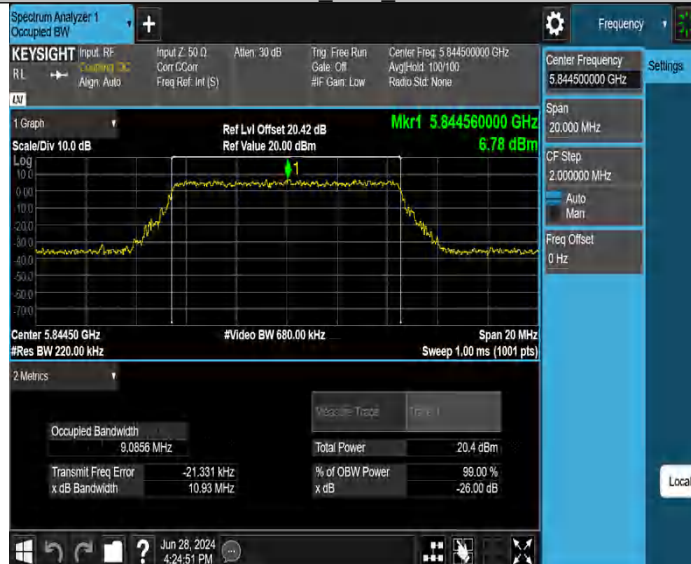
10MHz Ant0_ 5730.5



10MHz Ant0_ 5787.5



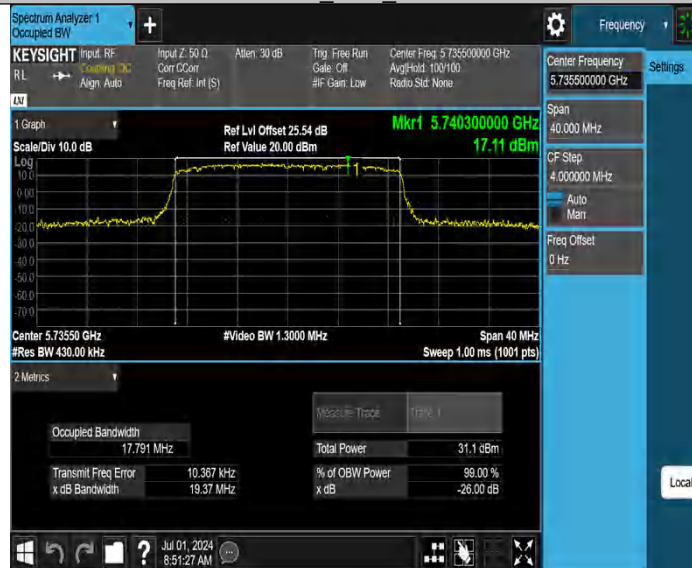
10MHz Ant0_ 5844.5



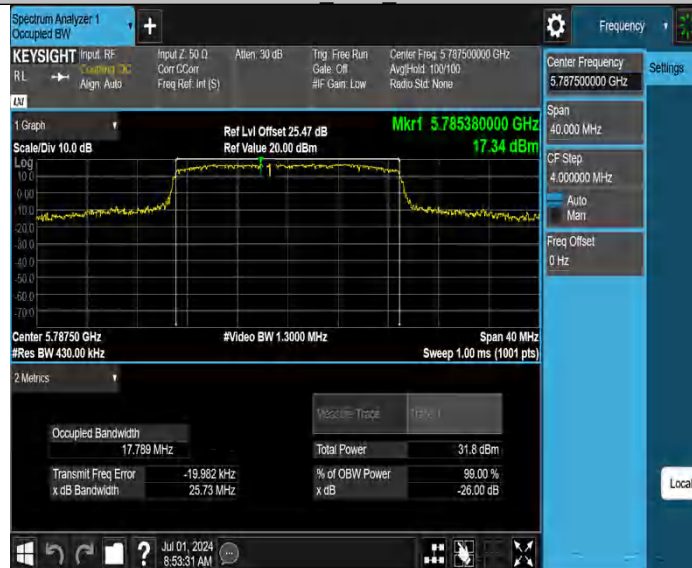
5.8G SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20MHz	Ant0	5735.5	17.791	5726.6149	5744.4059	---	PASS
		5787.5	17.789	5778.5855	5796.3745	---	PASS
		5839.5	17.796	5830.6076	5848.4036	---	PASS

20MHz Ant0_ 5735.5



20MHz Ant0_ 5787.5



20MHz Ant0_ 5839.5



5.8G SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40MHz	Ant0	5745.5	36.014	5727.5137	5763.5277	---	PASS
		5787.5	36.037	5769.4618	5805.4988	---	PASS
		5829.5	36.522	5811.2571	5847.7791	---	PASS



5.8G SDR, 60MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
60MHz	Ant0	5755.5	52.299	5729.3663	5781.6653	---	PASS
		5787.5	52.456	5761.2147	5813.6707	---	PASS
		5819.5	52.568	5793.1831	5845.7511	---	PASS



5.8G SDR, 80MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
80MHz	Ant0	5765.5	65.041	5732.8319	5797.8729	---	PASS
		5787.5	65.210	5754.7478	5819.9578	---	PASS
		5809.5	65.384	5776.4502	5841.8342	---	PASS



Appendix B.5: Test Results of Radiated Spurious Emissions

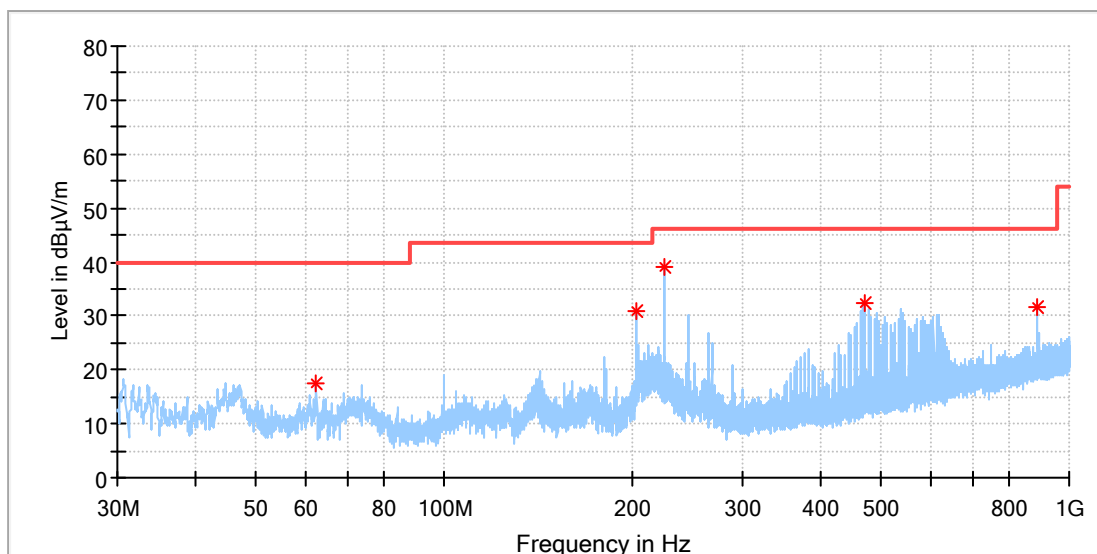
Note:

- 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 5.8G_10M
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

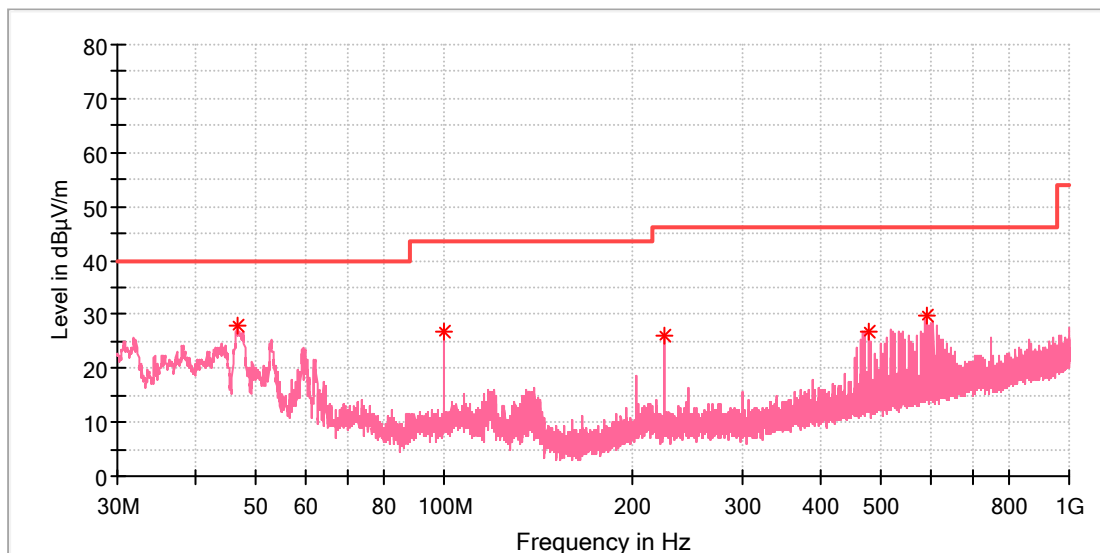
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
62.495000	17.61	40.00	22.39	100.0	H	44.0	-19.9
203.555385	31.06	43.50	12.44	100.0	H	314.0	-19.3
225.007308	39.10	46.00	6.90	100.0	H	133.0	-18.7
472.506539	32.45	46.00	13.55	100.0	H	255.0	-12.8
891.658462	31.72	46.00	14.28	100.0	H	345.0	-5.5

Final_Result

Frequency (MHz)	QuasiPeak (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 5.8G_10M
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)
46.751154	27.85	40.00	12.15	100.0	V	280.0	-18.9
99.989231	26.63	43.50	16.87	100.0	V	194.0	-19.3
225.007308	25.99	46.00	20.01	100.0	V	210.0	-18.7
477.505769	26.95	46.00	19.05	100.0	V	59.0	-12.6
592.525385	29.63	46.00	16.37	100.0	V	0.0	-10.4

Final Result

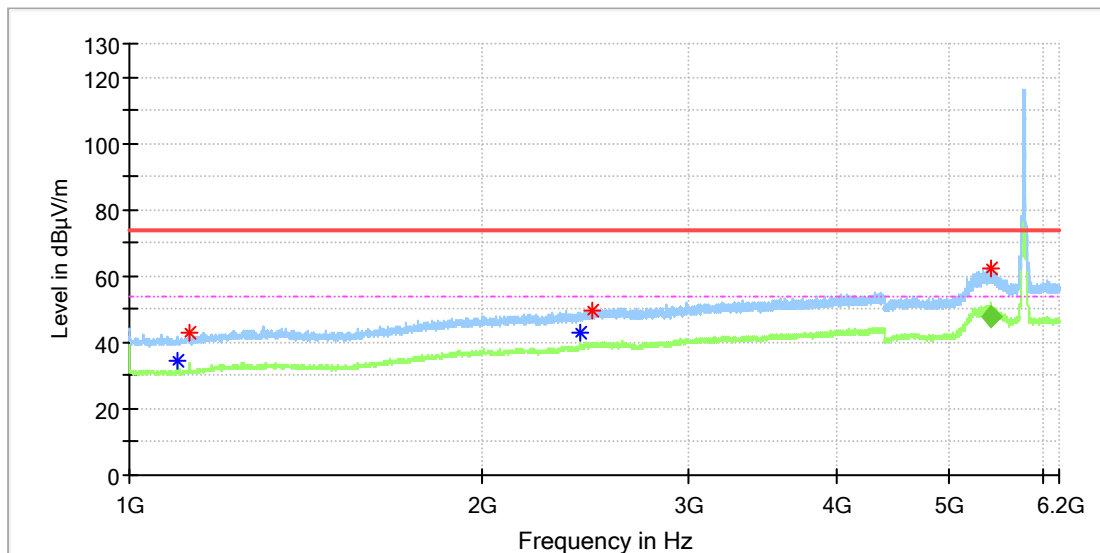
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 5.8G SDR Fundamental.

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_10M_5787.5MHz
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

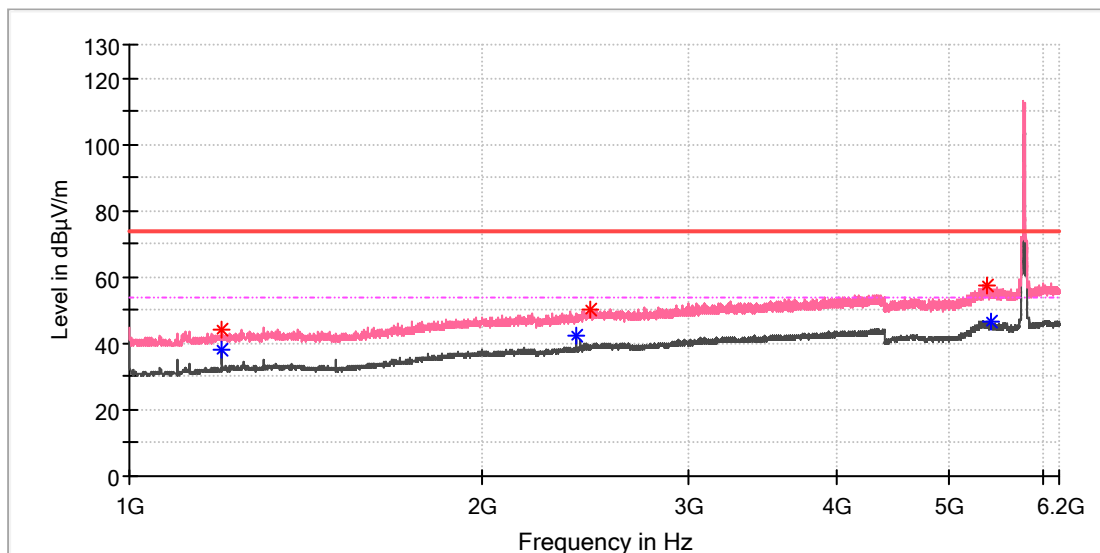
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1099.500000	---	34.59	54.00	19.41	150.0	H	300.0	-0.2
1124.500000	42.99	---	74.00	31.01	150.0	H	232.0	0.3
2426.000000	---	42.78	54.00	11.22	150.0	H	323.0	7.2
2480.500000	49.87	---	74.00	24.13	150.0	H	121.0	7.4
5419.000000	62.28	---	74.00	11.72	150.0	H	165.0	13.5

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5417.344444	47.80	54.00	6.20	148.0	H	170.0	13.5

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_10M_5787.5MHz
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

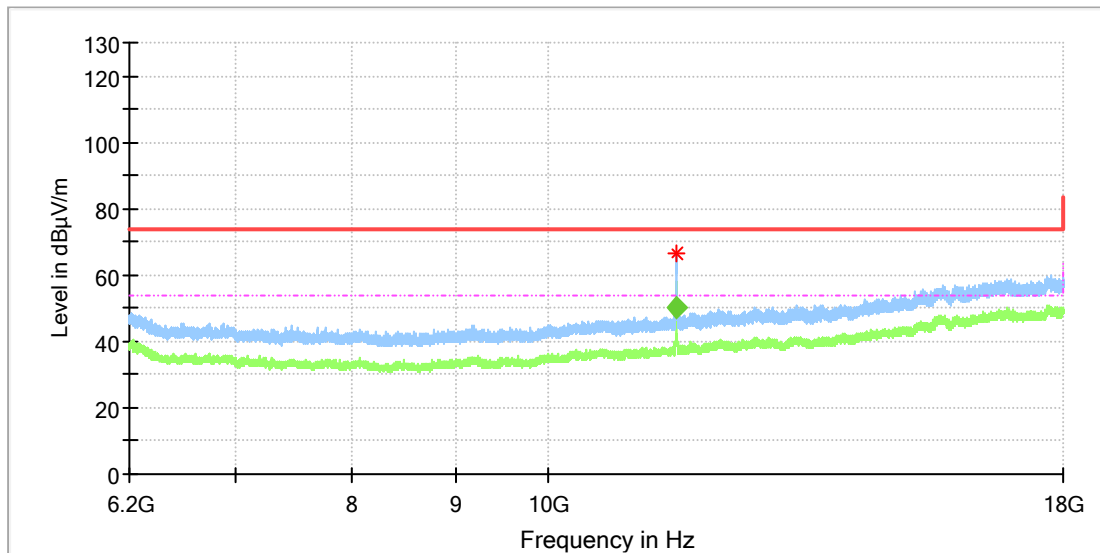
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.11	---	74.00	29.89	150.0	V	293.0	1.1
1200.000000	---	37.83	54.00	16.17	150.0	V	293.0	1.1
2402.000000	---	42.13	54.00	11.87	150.0	V	152.0	7.0
2466.500000	49.91	---	74.00	24.09	150.0	V	356.0	7.4
5381.500000	57.22	---	74.00	16.78	150.0	V	250.0	13.4
5421.000000	---	46.53	54.00	7.47	150.0	V	250.0	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 5.8G_10M_5787.5MHz
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

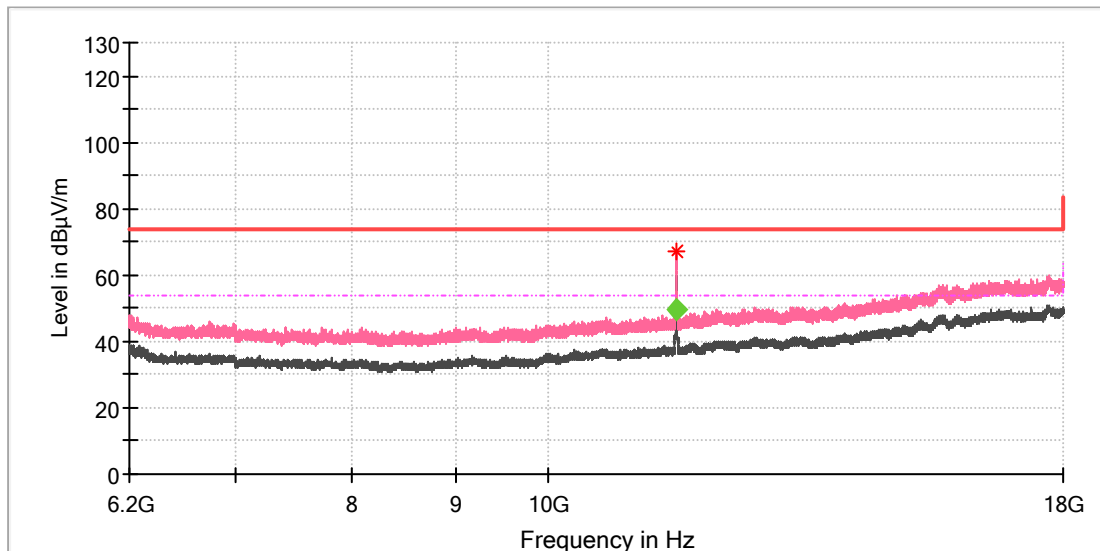
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.883333	66.39	---	74.00	7.61	150.0	H	148.0	13.4

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11574.252500	50.38	54.00	3.62	151.0	H	174.0	13.4

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_10M_5787.5MHz
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

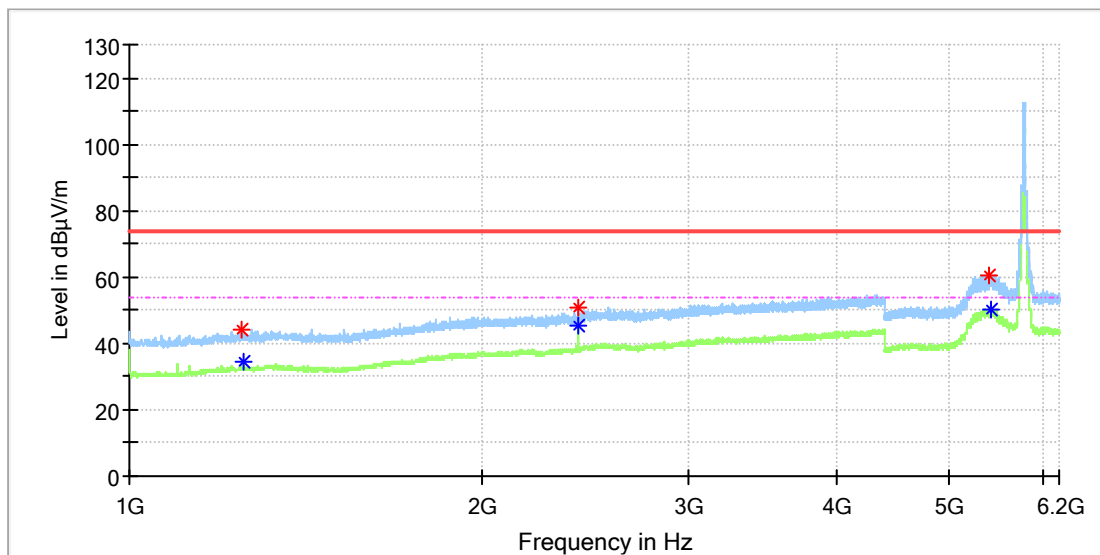
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11572.441667	67.13	---	74.00	6.87	150.0	V	195.0	13.4

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11574.109167	49.60	54.00	4.40	145.0	V	194.0	13.4

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_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

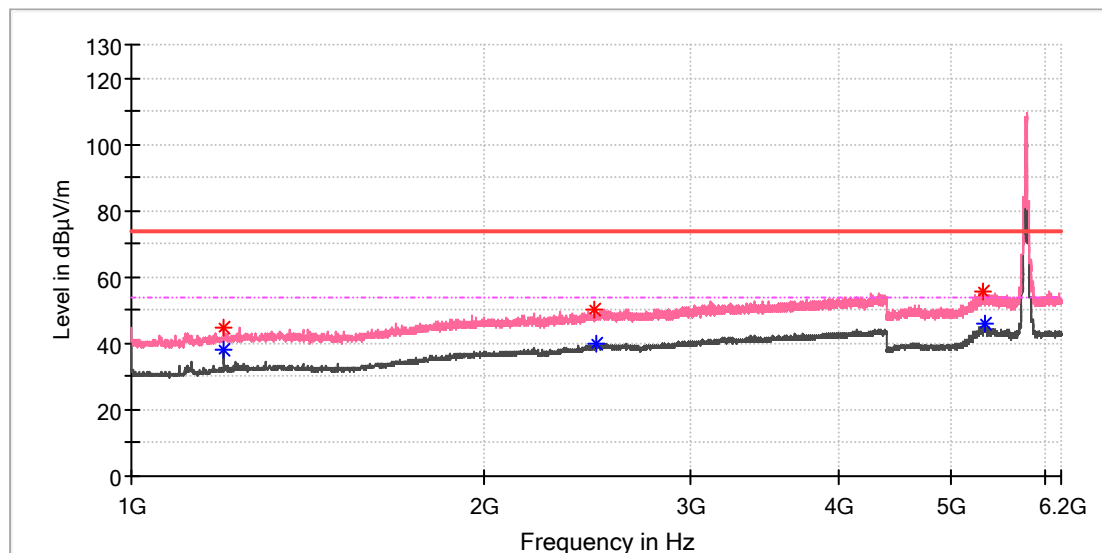
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1245.500000	43.93	---	74.00	30.07	150.0	H	116.0	1.8
1249.500000	---	34.56	54.00	19.44	150.0	H	0.0	1.9
2409.500000	50.67	---	74.00	23.33	150.0	H	207.0	7.1
2410.000000	---	45.65	54.00	8.35	150.0	H	207.0	7.1
5402.000000	60.54	---	74.00	13.46	150.0	H	159.0	13.5
5415.500000	---	50.42	54.00	3.58	150.0	H	159.0	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 5.8G_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

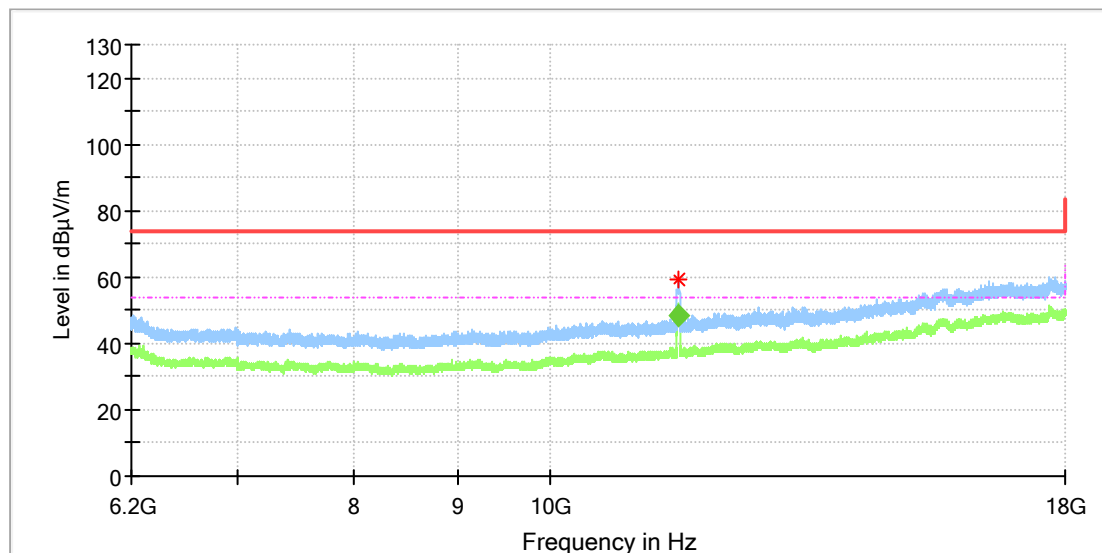
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.54	---	74.00	29.46	150.0	V	343.0	1.1
1200.000000	---	38.06	54.00	15.94	150.0	V	343.0	1.1
2483.000000	50.18	---	74.00	23.82	150.0	V	13.0	7.4
2488.000000	---	39.93	54.00	14.07	150.0	V	161.0	7.4
5326.000000	55.74	---	74.00	18.26	150.0	V	242.0	13.1
5331.000000	---	45.95	54.00	8.05	150.0	V	242.0	13.2

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 5.8G_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

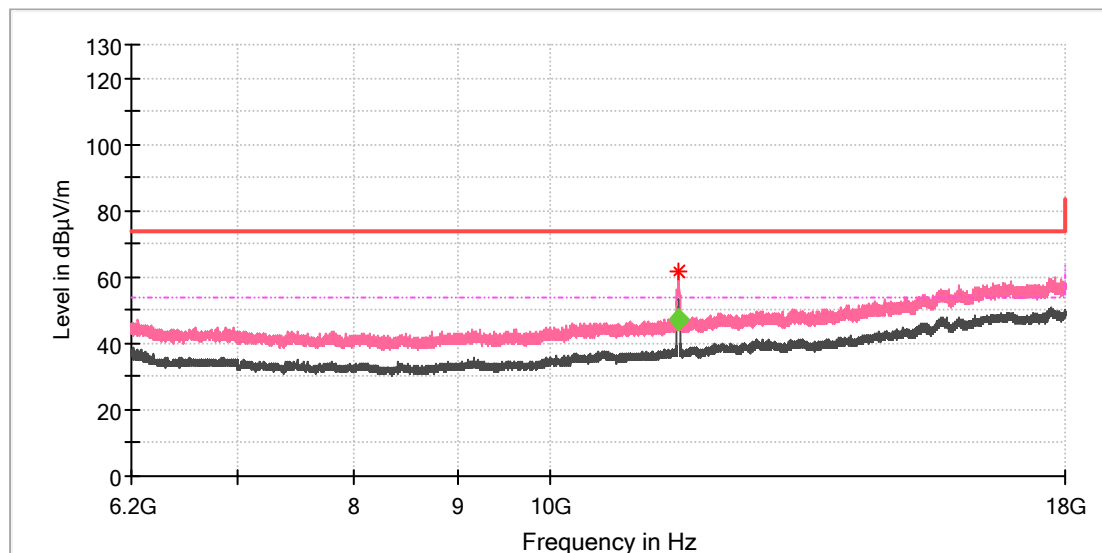
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11577.358333	59.21	---	74.00	14.79	150.0	H	196.0	13.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11569.367500	48.26	54.00	5.74	149.0	H	156.0	13.4

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_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

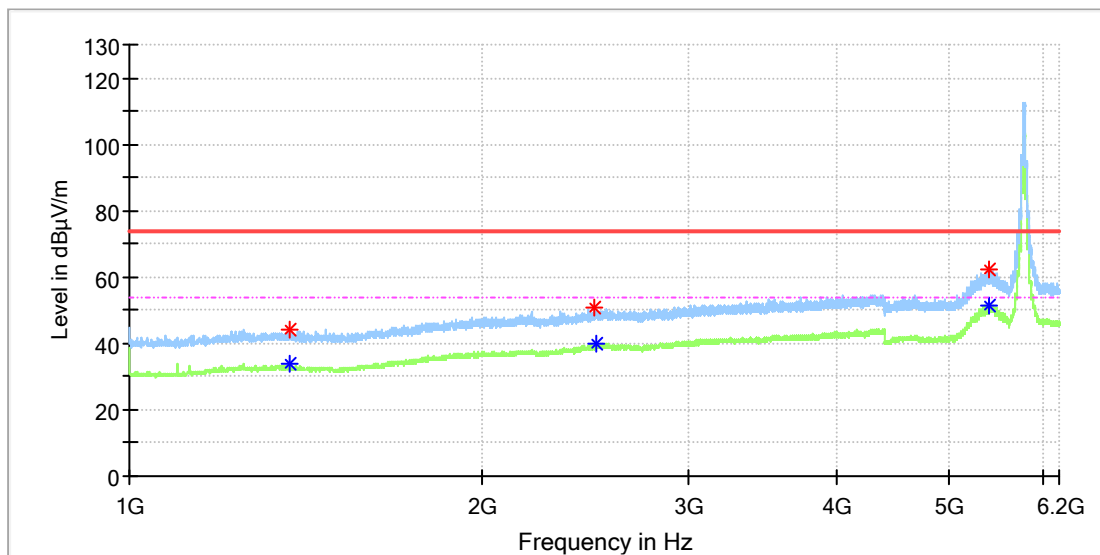
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.883333	61.78	---	74.00	12.22	150.0	V	109.0	13.4

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11572.716666	47.31	54.00	6.69	150.0	V	212.0	13.4

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_40M_5787.5MHz
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

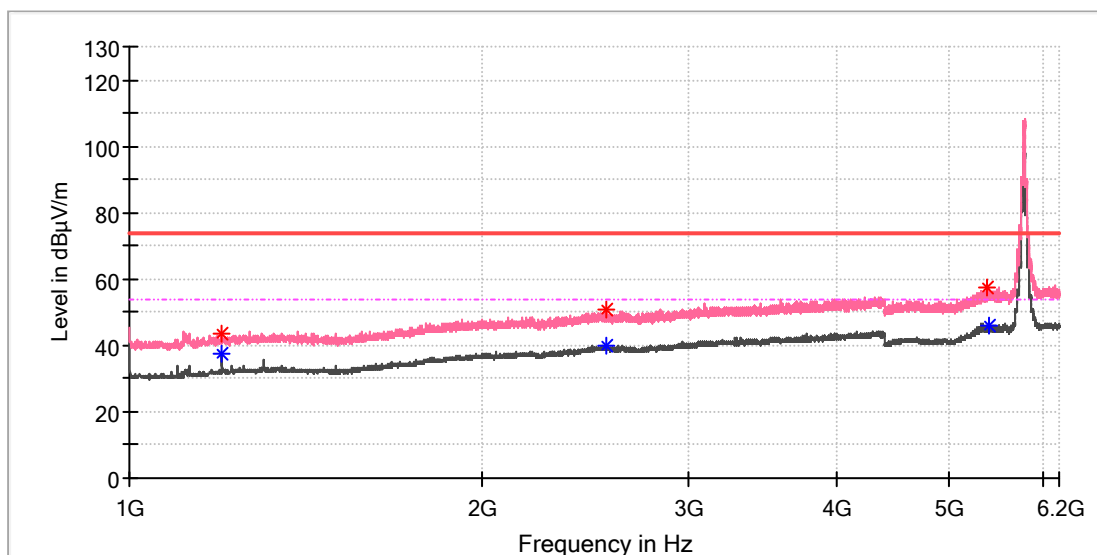
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1369.000000	44.01	---	74.00	29.99	150.0	H	1.0	2.0
1369.500000	---	33.71	54.00	20.29	150.0	H	21.0	1.9
2488.000000	50.57	---	74.00	23.43	150.0	H	100.0	7.4
2499.500000	---	39.75	54.00	14.25	150.0	H	280.0	7.4
5403.000000	62.30	---	74.00	11.70	150.0	H	158.0	13.5
5411.000000	---	51.48	54.00	2.52	150.0	H	158.0	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 5.8G_40M_5787.5MHz
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

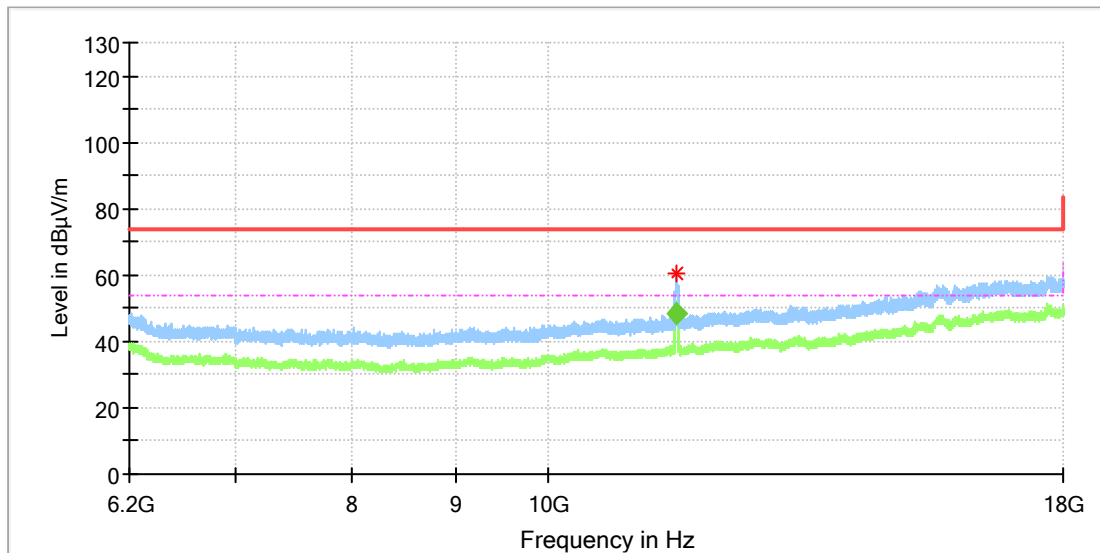
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	43.63	---	74.00	30.37	150.0	V	269.0	1.1
1199.500000	---	37.23	54.00	16.77	150.0	V	269.0	1.1
2546.000000	50.56	---	74.00	23.44	150.0	V	4.0	7.6
2550.500000	---	39.92	54.00	14.08	150.0	V	1.0	7.6
5382.000000	57.53	---	74.00	16.47	150.0	V	248.0	13.4
5397.500000	---	46.05	54.00	7.95	150.0	V	273.0	13.4

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_40M_5787.5MHz
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

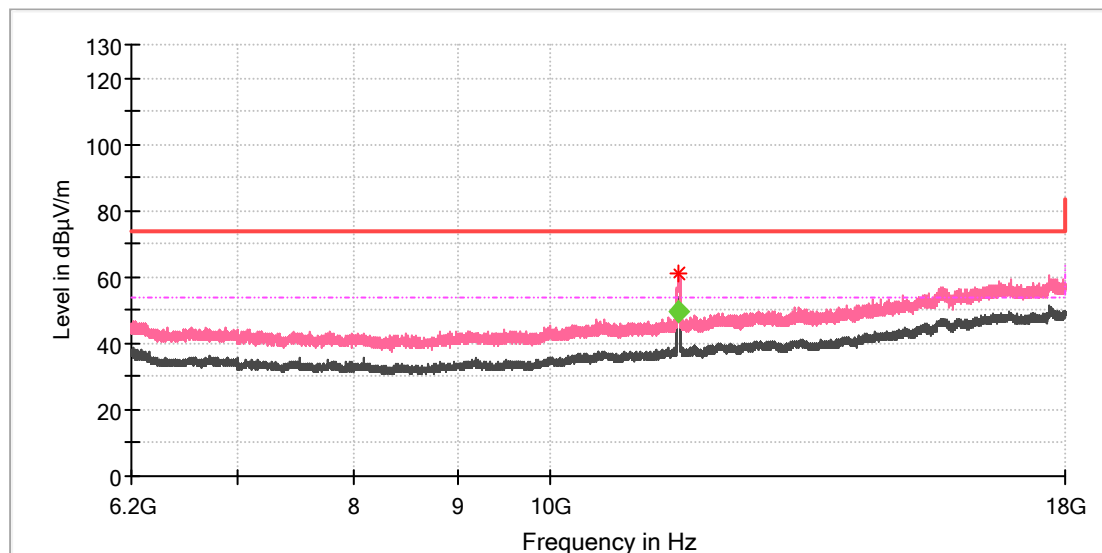
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.883333	60.28	---	74.00	13.72	150.0	H	198.0	13.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.829167	48.63	54.00	5.37	150.0	H	193.0	13.4

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_40M_5787.5MHz
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

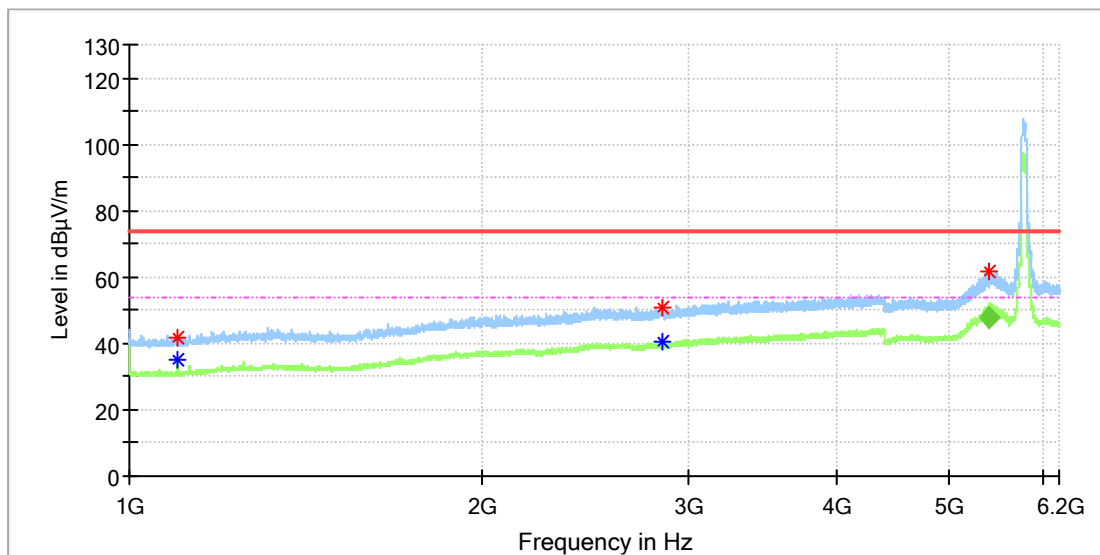
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11574.408333	61.01	---	74.00	12.99	150.0	V	224.0	13.4

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.917500	49.48	54.00	4.52	148.0	V	112.0	13.4

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_60M_5787.5MHz
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

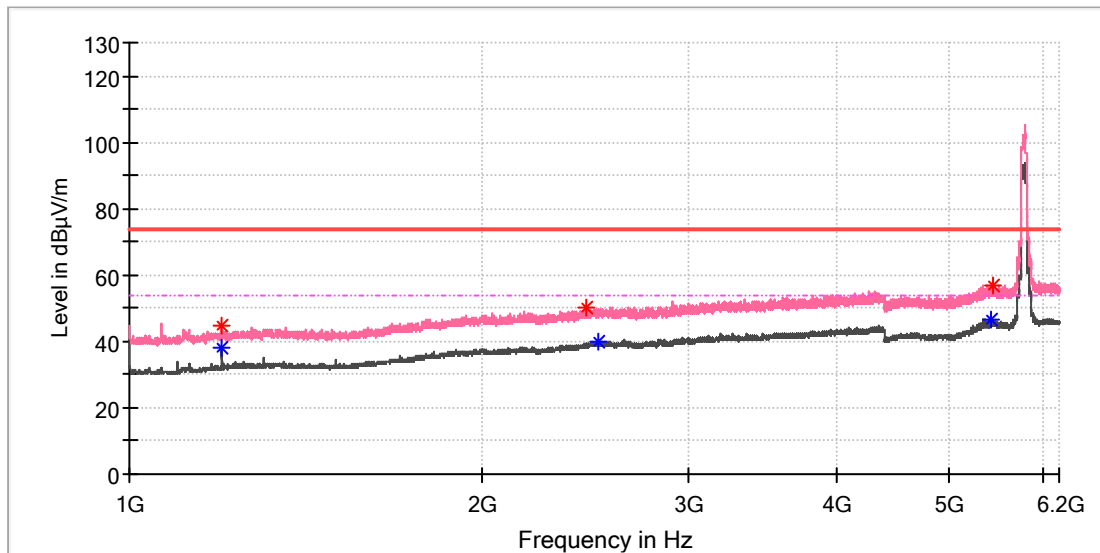
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1099.500000	41.76	---	74.00	32.24	150.0	H	201.0	-0.2
1099.500000	---	35.01	54.00	18.99	150.0	H	201.0	-0.2
2844.000000	---	40.60	54.00	13.40	150.0	H	194.0	8.1
2847.000000	50.82	---	74.00	23.18	150.0	H	89.0	8.1
5405.500000	61.91	---	74.00	12.09	150.0	H	158.0	13.5

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5409.994444	47.51	54.00	6.49	148.0	H	157.0	13.5

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_60M_5787.5MHz
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

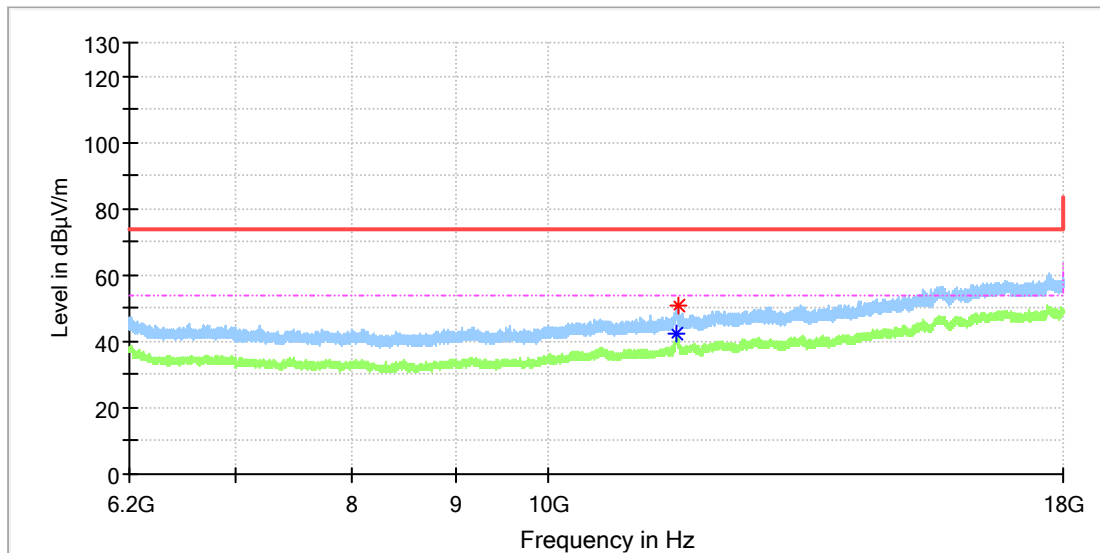
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	44.85	---	74.00	29.15	150.0	V	357.0	1.1
1200.000000	---	38.07	54.00	15.93	150.0	V	60.0	1.1
2449.000000	50.19	---	74.00	23.81	150.0	V	221.0	7.5
2512.000000	---	39.96	54.00	14.04	150.0	V	351.0	7.4
5420.000000	---	46.29	54.00	7.71	150.0	V	143.0	13.5
5450.000000	57.11	---	74.00	16.89	150.0	V	126.0	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 5.8G_60M_5787.5MHz
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

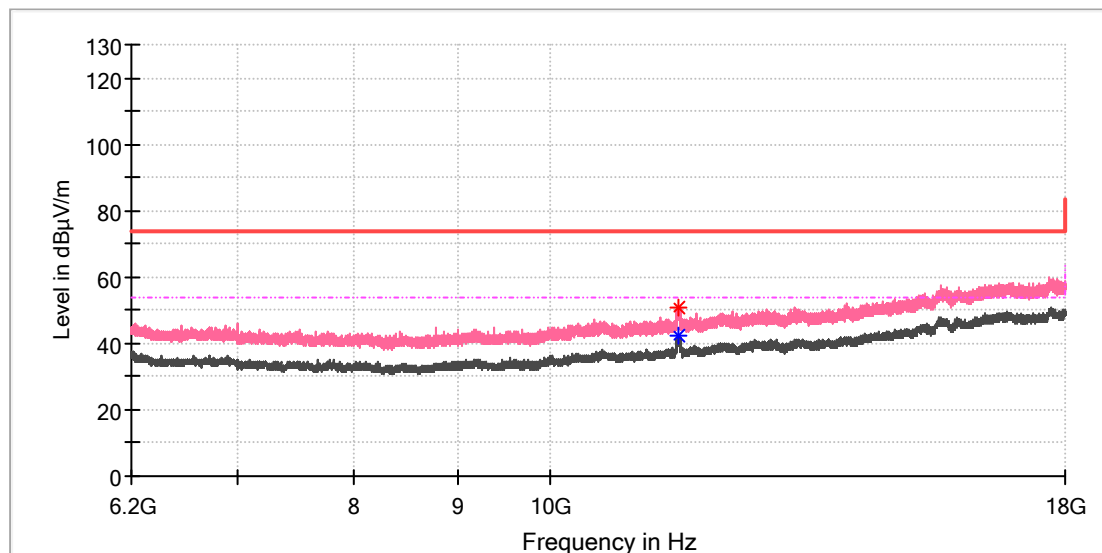
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.883333	---	42.17	54.00	11.83	150.0	H	160.0	13.4
11590.141667	50.83	---	74.00	23.17	150.0	H	160.0	13.3

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_60M_5787.5MHz
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

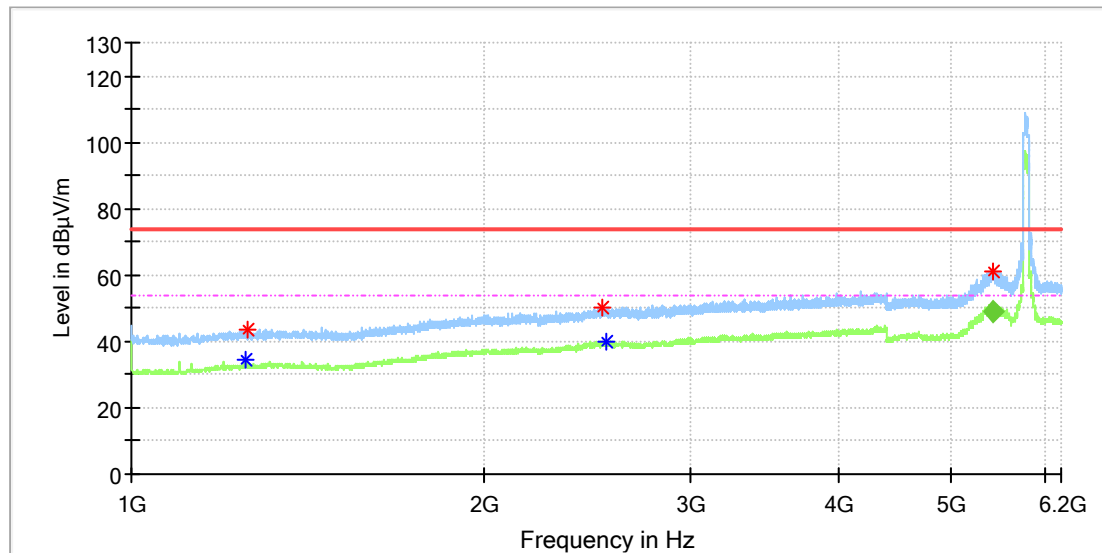
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11567.033333	---	42.14	54.00	11.86	150.0	V	276.0	13.4
11581.783333	50.93	---	74.00	23.07	150.0	V	214.0	13.4

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_80M_5787.5MHz
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

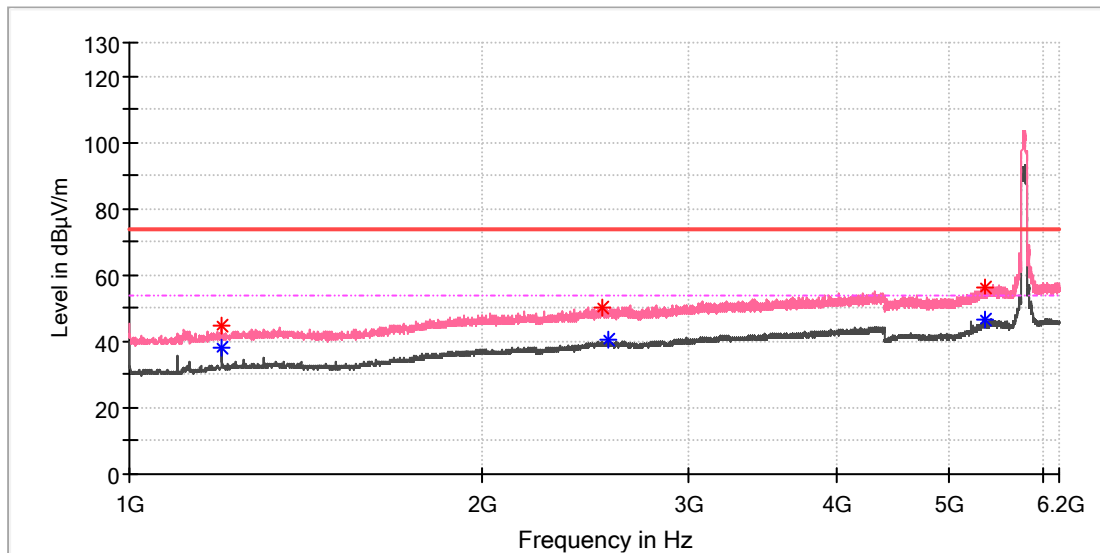
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1249.500000	---	34.38	54.00	19.62	150.0	H	331.0	1.9
1255.000000	43.50	---	74.00	30.50	150.0	H	320.0	1.9
2524.000000	50.01	---	74.00	23.99	150.0	H	137.0	7.5
2536.000000	---	40.02	54.00	13.98	150.0	H	199.0	7.6
5418.500000	61.26	---	74.00	12.74	150.0	H	161.0	13.5

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5417.000000	49.19	54.00	4.81	151.0	H	160.0	13.5

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_80M_5787.5MHz
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

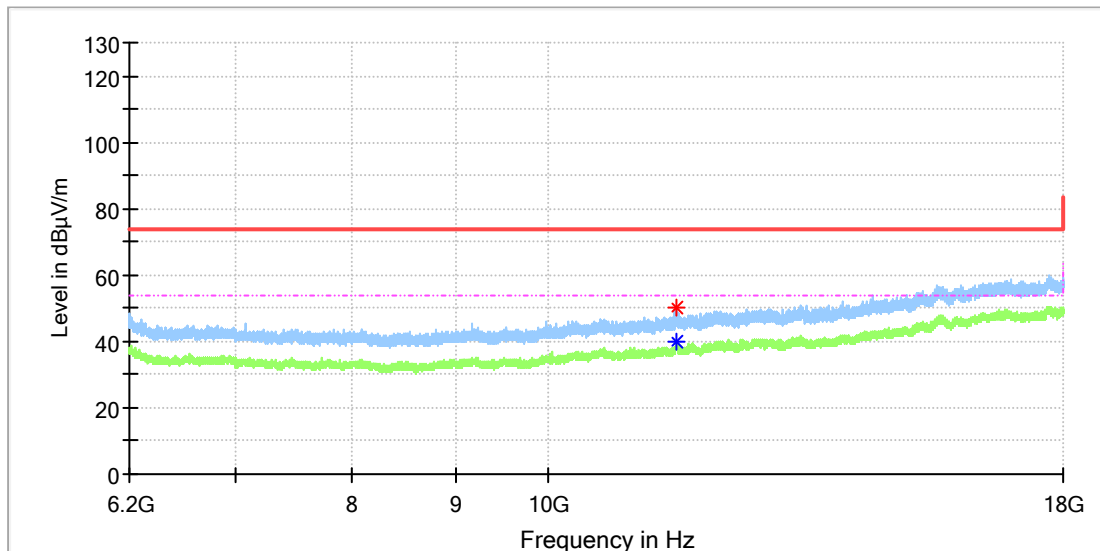
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.86	---	74.00	29.14	150.0	V	302.0	1.1
1200.000000	---	38.31	54.00	15.69	150.0	V	302.0	1.1
2528.000000	50.29	---	74.00	23.71	150.0	V	0.0	7.5
2559.000000	---	40.30	54.00	13.70	150.0	V	283.0	7.6
5357.500000	56.53	---	74.00	17.47	150.0	V	253.0	13.3
5359.000000	---	46.58	54.00	7.43	150.0	V	253.0	13.3

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_80M_5787.5MHz
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

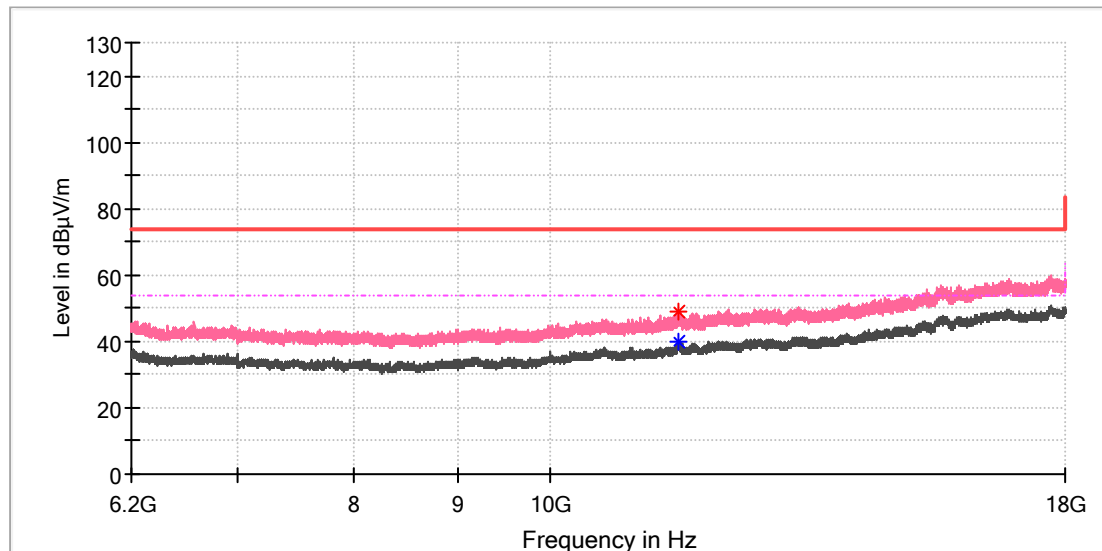
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11572.933333	50.43	---	74.00	23.57	150.0	H	181.0	13.4
11577.358333	---	39.82	54.00	14.18	150.0	H	144.0	13.4

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_80M_5787.5MHz
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)
11567.525000	48.77	---	74.00	25.23	150.0	V	224.0	13.4
11583.750000	---	40.05	54.00	13.95	150.0	V	115.0	13.3

Final Result

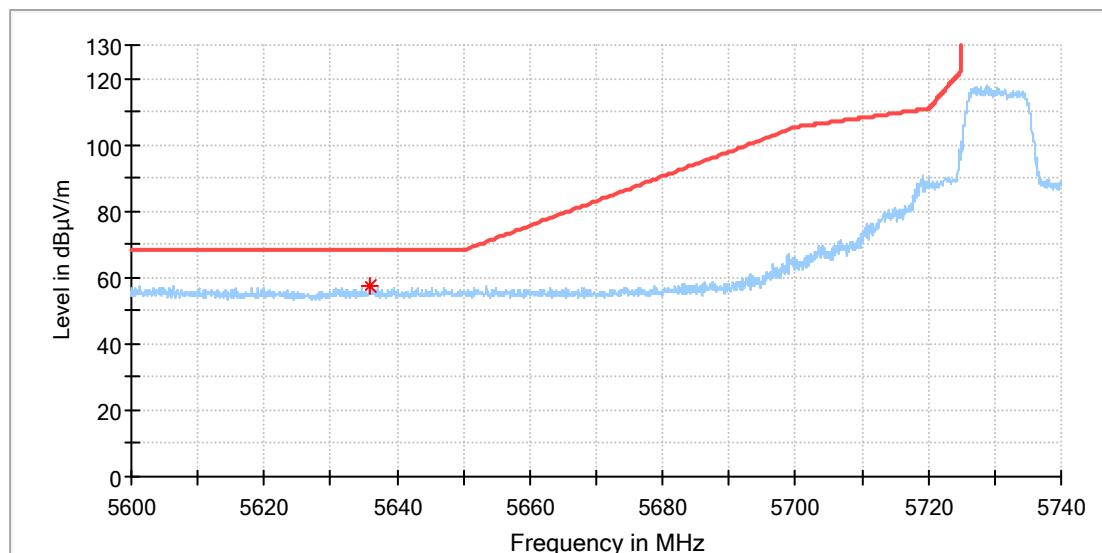
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

5.8G SDR, 10MHz BW

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_10M_5730.5MHz
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

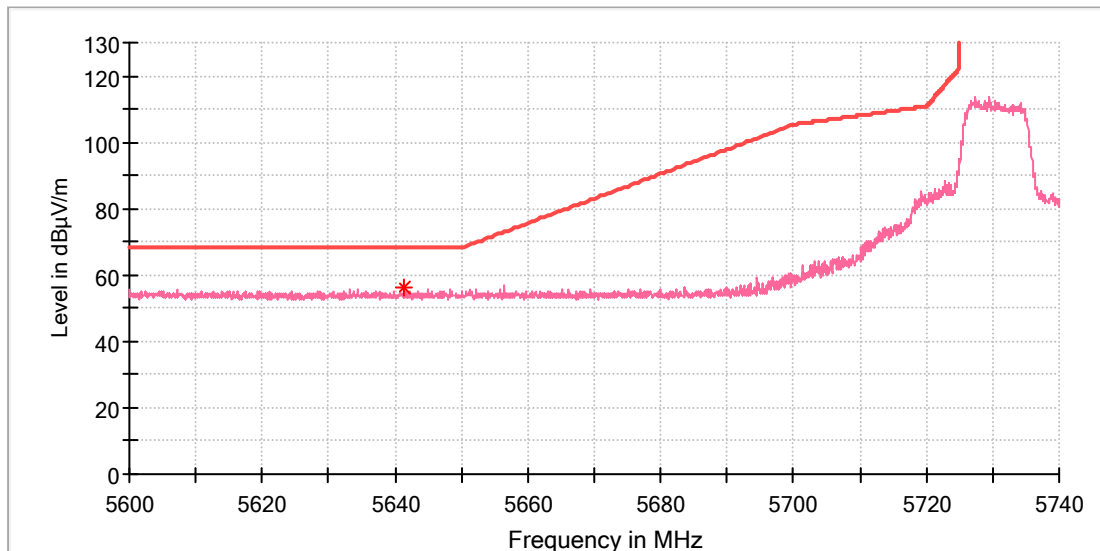
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5635.994445	57.48	68.20	10.72	150.0	H	174.0	13.8

Final_Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_10M_5730.5MHz
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

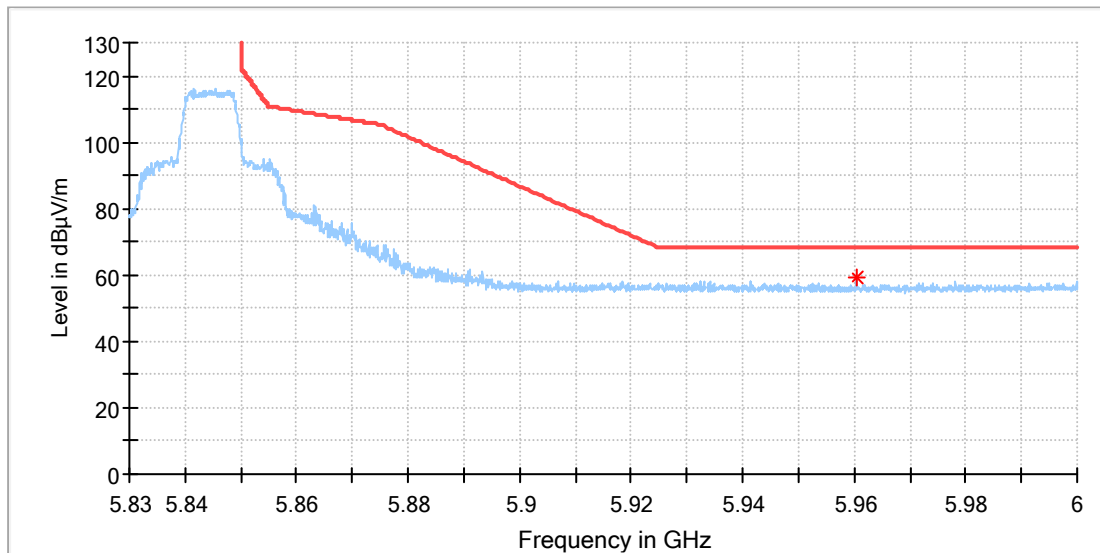
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5641.372222	56.06	68.20	12.14	150.0	V	335.0	13.8

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_10M_5844.5MHz
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

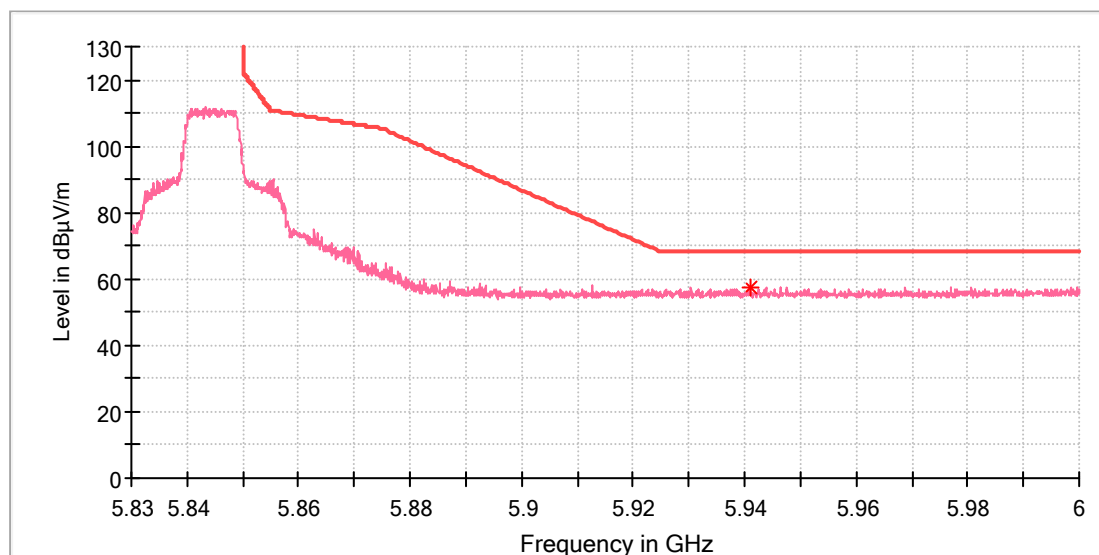
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5960.354167	59.01	68.20	9.19	150.0	H	120.0	14.8

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_10M_5844.5MHz
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)
5940.951389	57.70	68.20	10.50	150.0	V	301.0	14.7

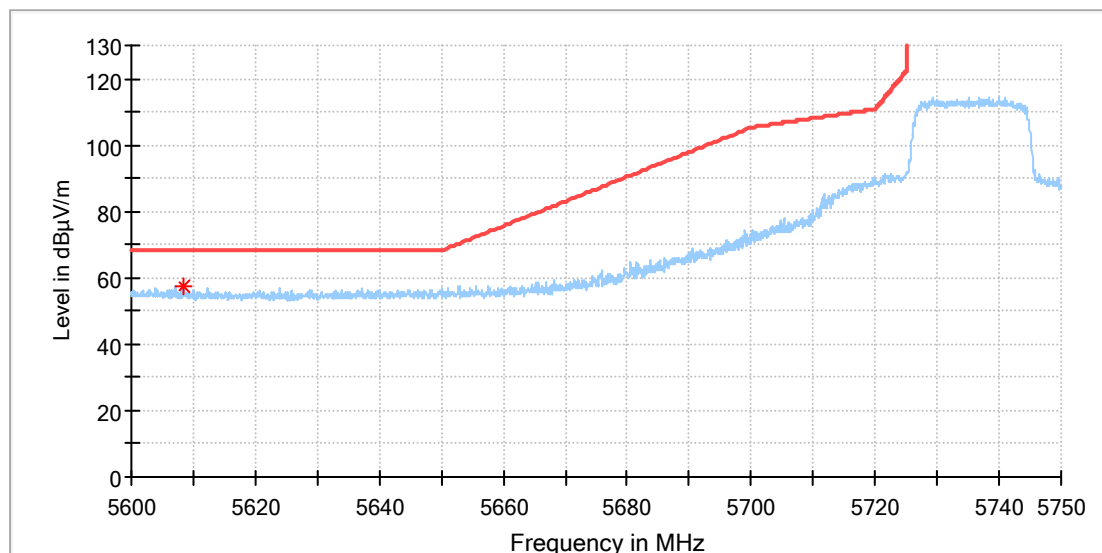
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.8G SDR, 20MHz BW

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_20M_5735.5MHz
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

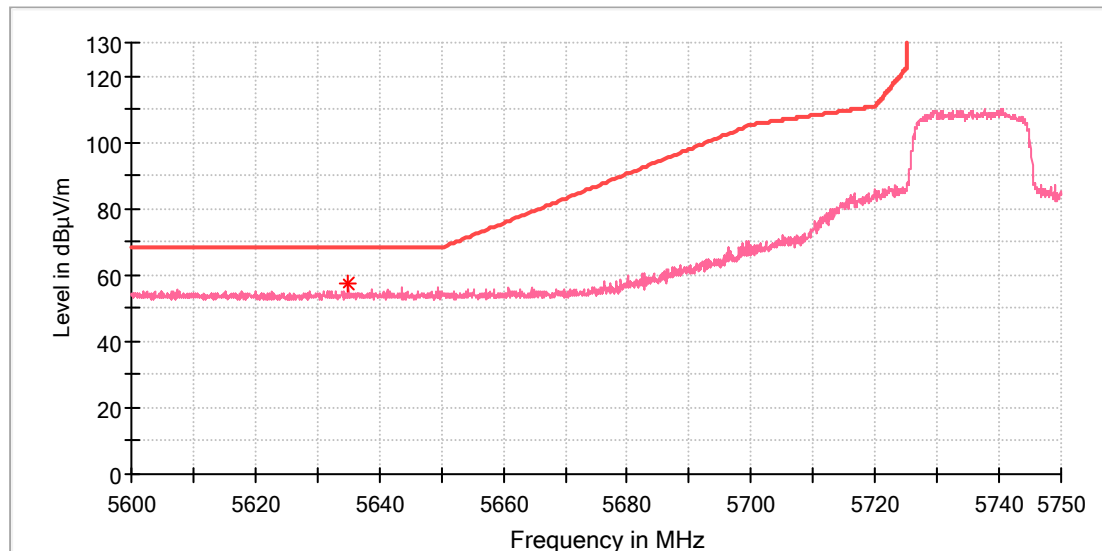
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5608.55556	57.55	68.20	10.65	150.0	H	127.0	13.8

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 5.8G_20M_5735.5MHz
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

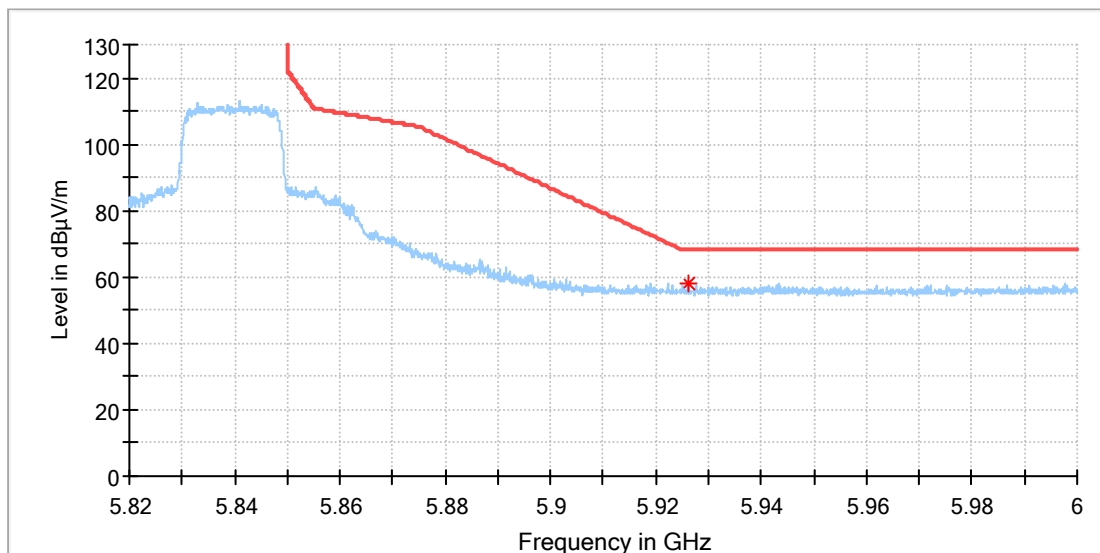
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5635.016667	57.74	68.20	10.46	150.0	V	264.0	13.8

Final Result

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

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_20M_5839.5MHz
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

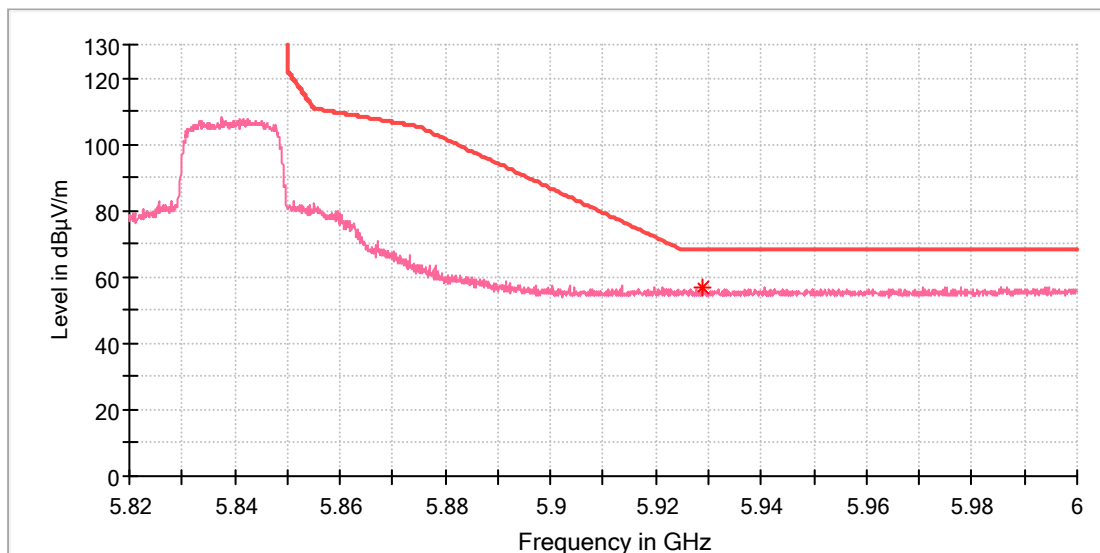
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5926.284722	58.08	68.20	10.12	150.0	H	352.0	14.7

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 5.8G_20M_5839.5MHz
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)
5928.881945	56.56	68.20	11.64	150.0	V	15.0	14.7

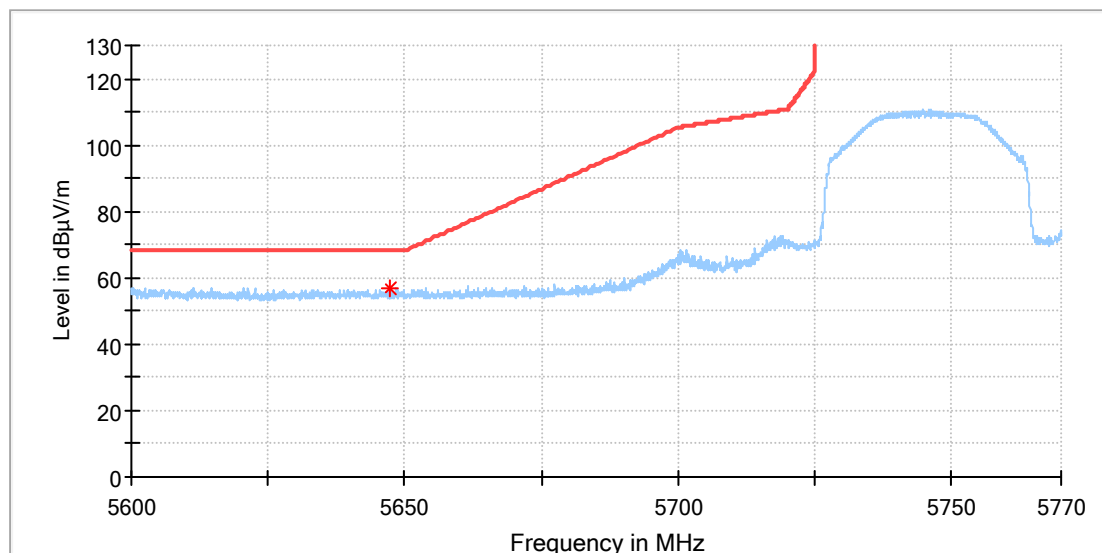
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.8G SDR, 40MHz BW

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_40M_5745.5MHz
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

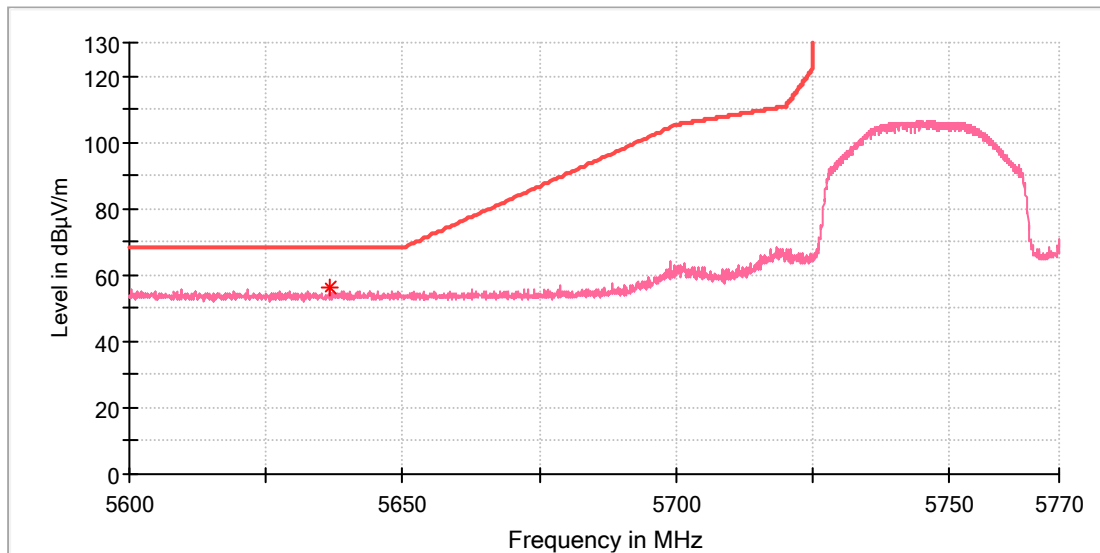
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5647.238889	56.99	68.20	11.21	150.0	H	160.0	13.8

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 5.8G_40M_5745.5MHz
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

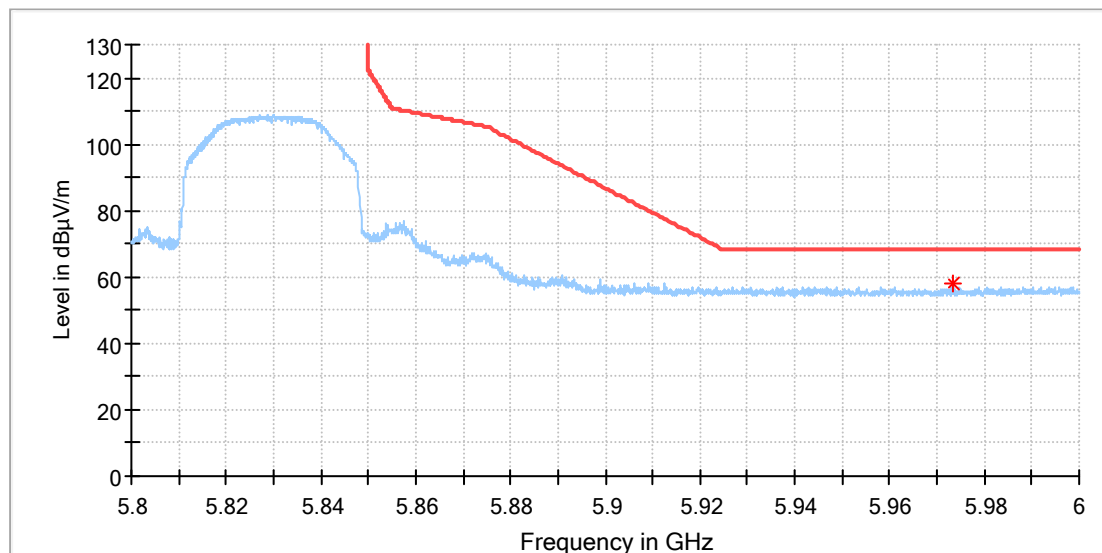
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5636.727778	56.12	68.20	12.08	150.0	V	222.0	13.8

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 5.8G_40M_5829.5MHz
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

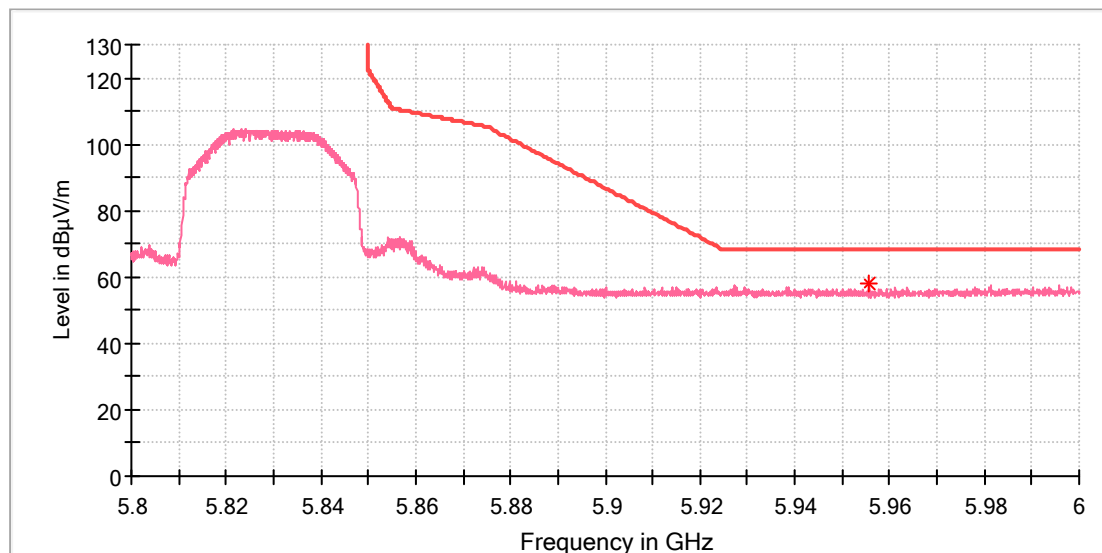
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5973.569445	57.76	68.20	10.44	150.0	H	322.0	14.9

Final Result

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

EUT Name: Drone
Model: L3A
Test Mode: SDR 5.8G_40M_5829.5MHz
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)
5955.770833	58.15	68.20	10.05	150.0	V	228.0	14.8

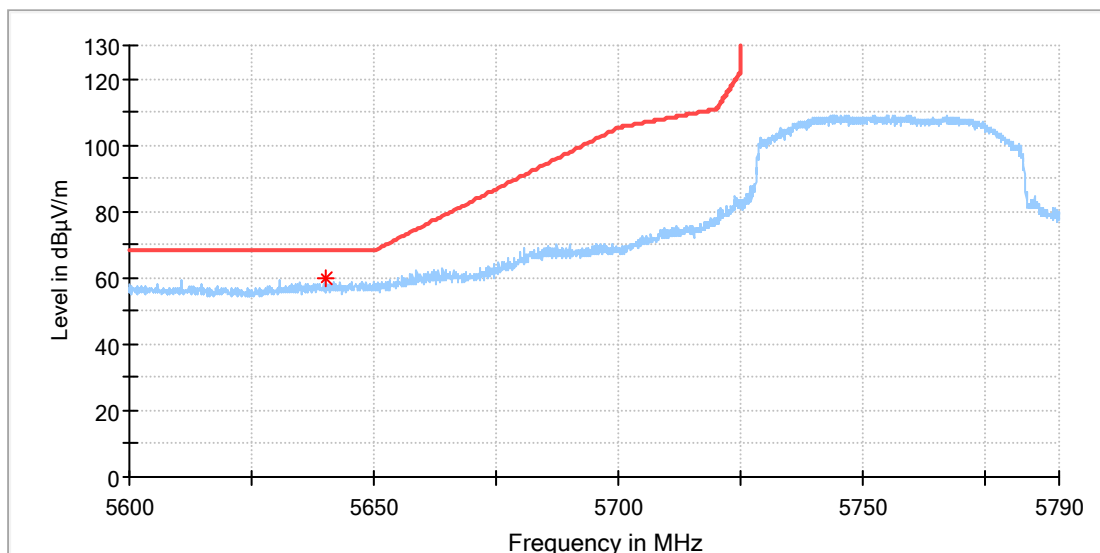
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.8G SDR, 60MHz BW

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_60M_5755.5MHz
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

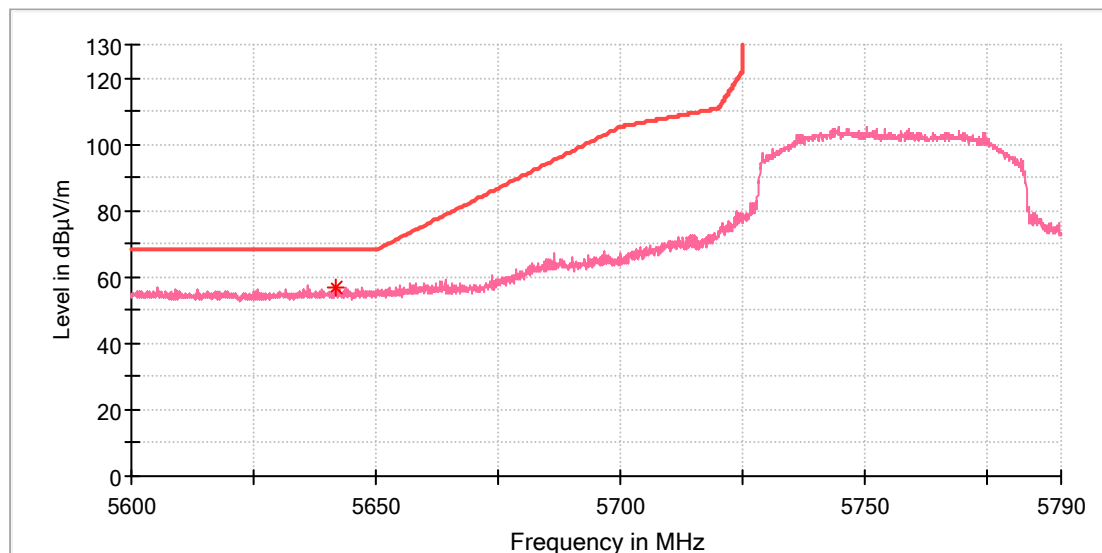
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5639.966667	59.56	68.20	8.64	150.0	H	129.0	13.8

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 5.8G_60M_5755.5MHz
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

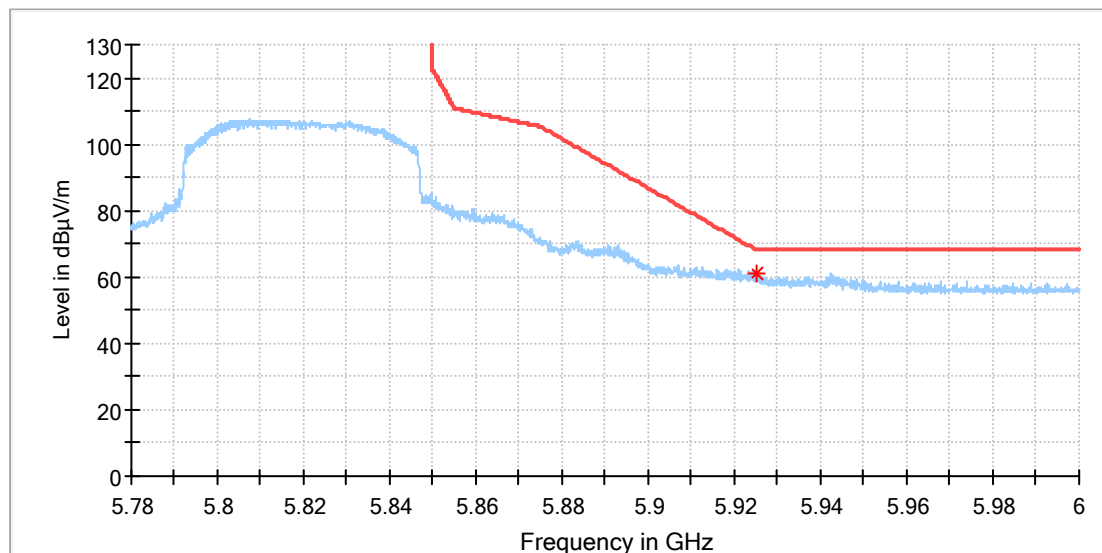
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5641.800000	57.09	68.20	11.11	150.0	V	237.0	13.8

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 5.8G_60M_5819.5MHz
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

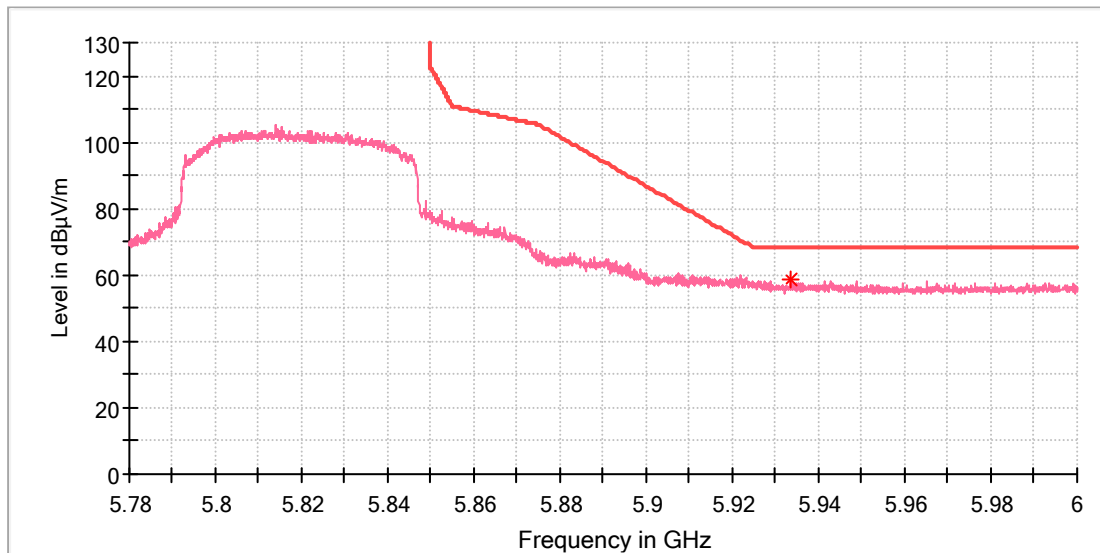
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5924.986111	61.24	68.21	6.97	150.0	H	354.0	14.6

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 5.8G_60M_5819.5MHz
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)
5933.388889	58.45	68.20	9.75	150.0	V	232.0	14.7

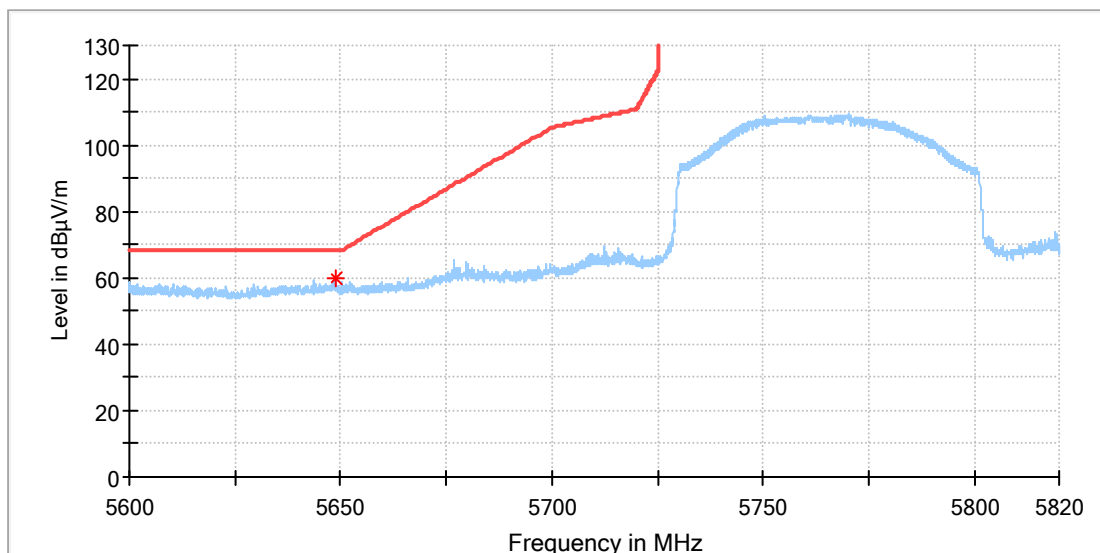
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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5.8G SDR, 80MHz BW

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	SDR 5.8G_80M_5765.5MHz
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

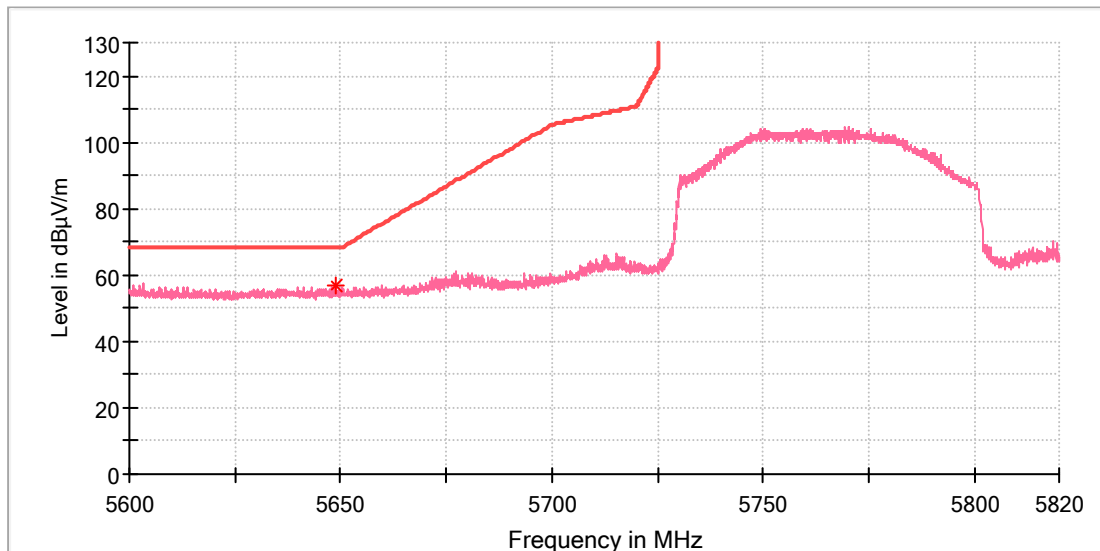
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.76667	59.84	68.20	8.36	150.0	H	155.0	13.8

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 5.8G_80M_5765.5MHz
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

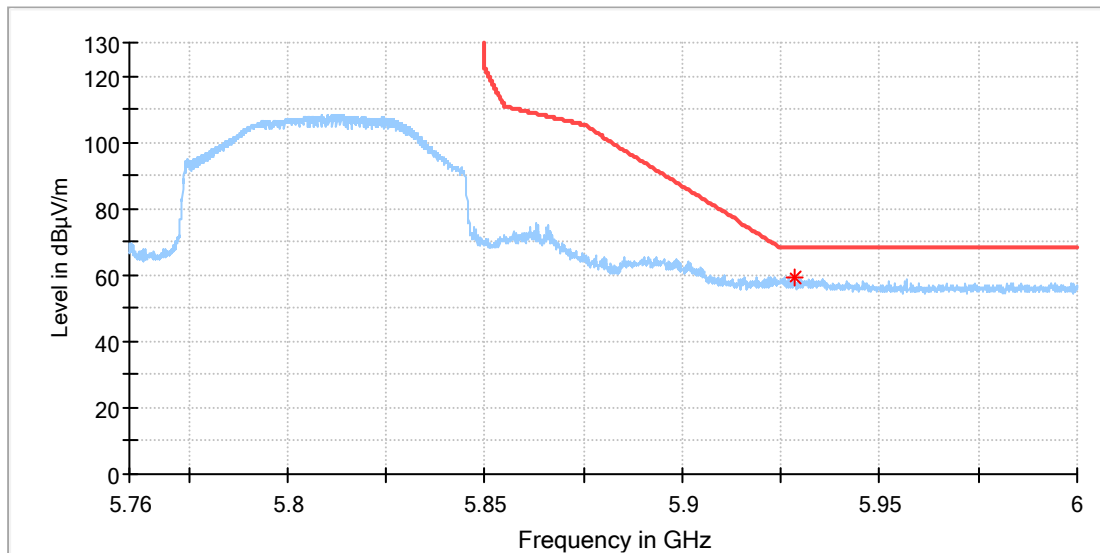
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.827778	56.64	68.20	11.56	150.0	V	222.0	13.8

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 5.8G_80M_5809.5MHz
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

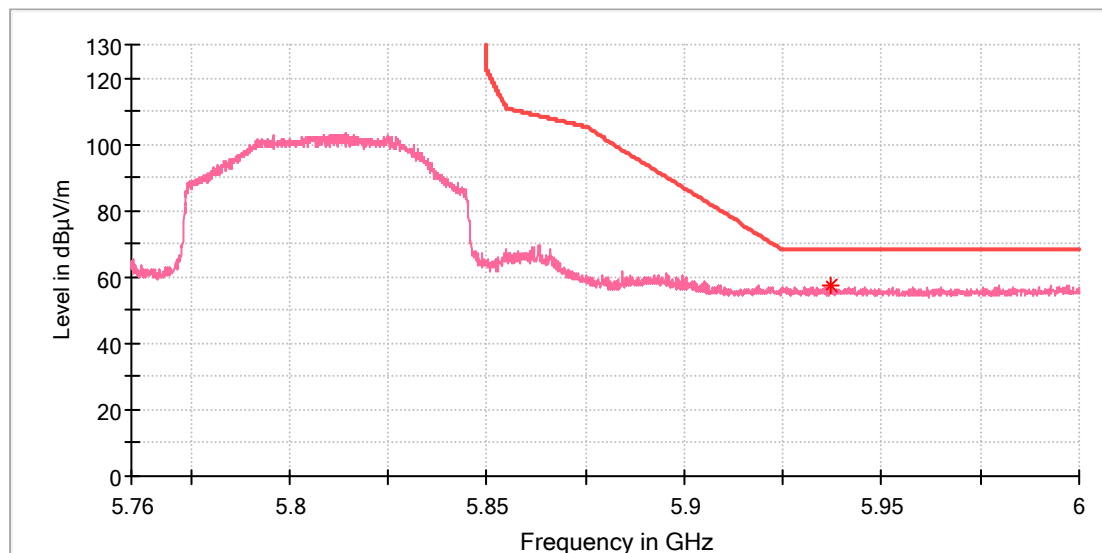
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5928.270833	59.21	68.20	8.99	150.0	H	317.0	14.7

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 5.8G_80M_5809.5MHz
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)
5937.284722	57.21	68.20	10.99	150.0	V	243.0	14.7

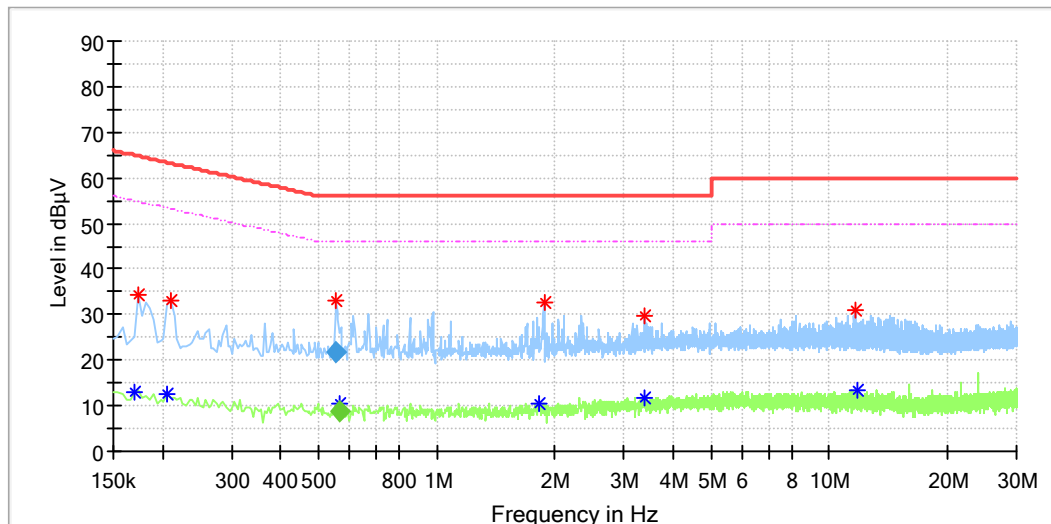
Final Result

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: Drone
Order Number: 168484696
Model: L3A
Test Mode: 5.8G 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

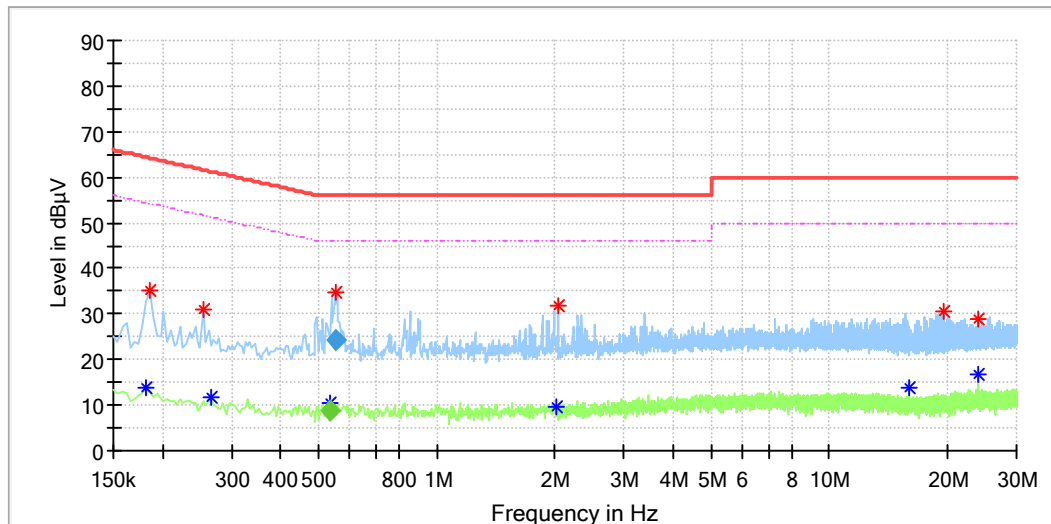
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.170000	---	12.93	54.96	42.03	L1	9.9
0.174000	34.28	---	64.77	30.49	L1	9.9
0.206000	---	12.77	53.37	40.60	L1	9.9
0.210000	33.26	---	63.21	29.95	L1	9.9
0.553500	32.97	---	56.00	23.03	L1	10.0
0.565500	---	10.51	46.00	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: 5.8G 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