

## 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

40MHz Ant0 5745.5



40MHz Ant0 5787.5



40MHz Ant0 5829.5



**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

60MHz Ant0\_ 5755.5



60MHz Ant0\_ 5787.5



60MHz Ant0\_ 5819.5



**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

80MHz Ant0 5765.5



80MHz Ant0 5787.5



80MHz Ant0 5809.5



## Appendix B.5: Test Results of Radiated Spurious Emissions

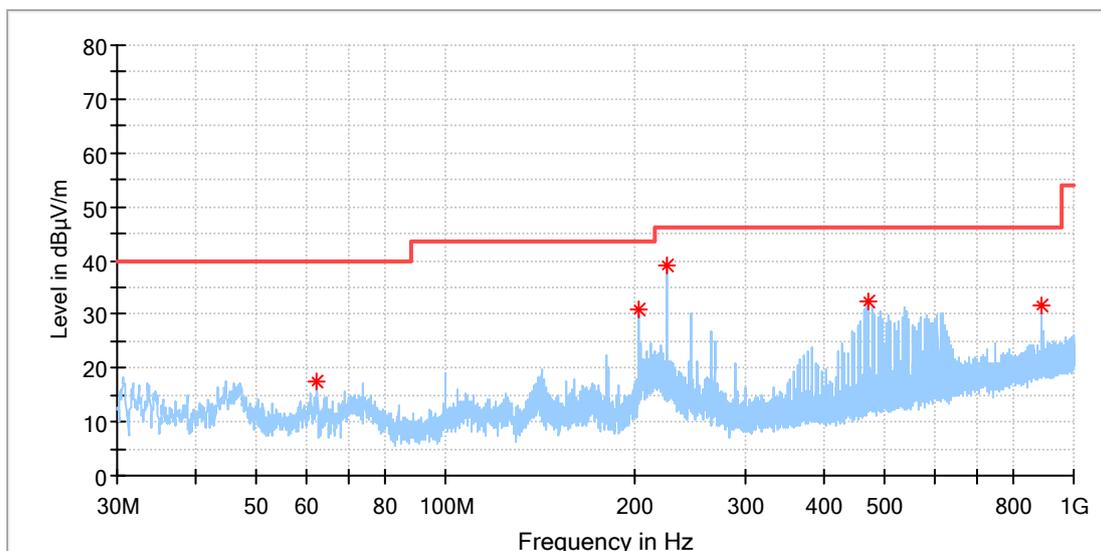
Note:

- 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

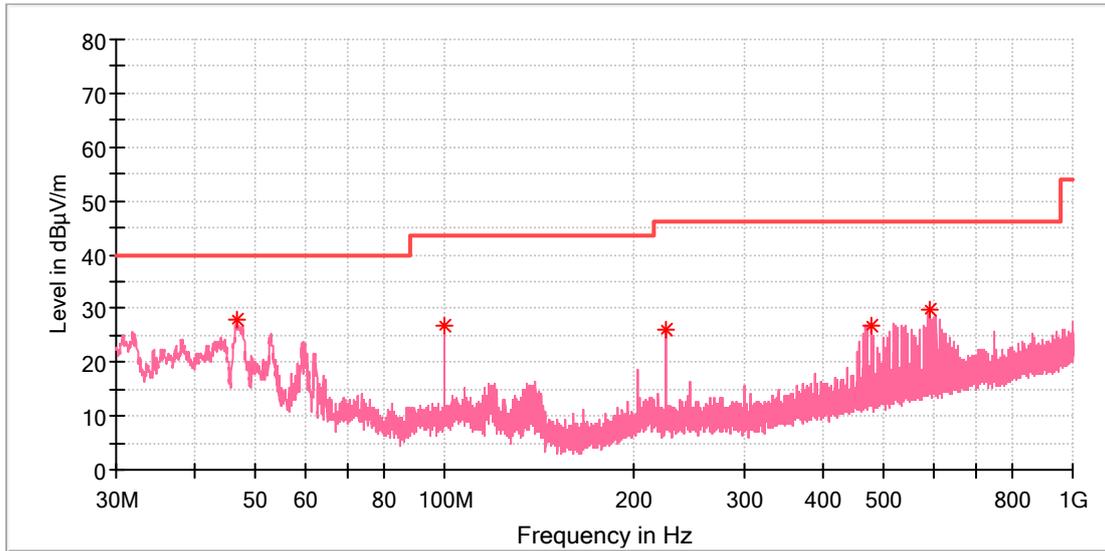
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
62.495000	17.61	40.00	22.39	100.0	H	44.0	-19.9
203.555385	31.06	43.50	12.44	100.0	H	314.0	-19.3
225.007308	39.10	46.00	6.90	100.0	H	133.0	-18.7
472.506539	32.45	46.00	13.55	100.0	H	255.0	-12.8
891.658462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

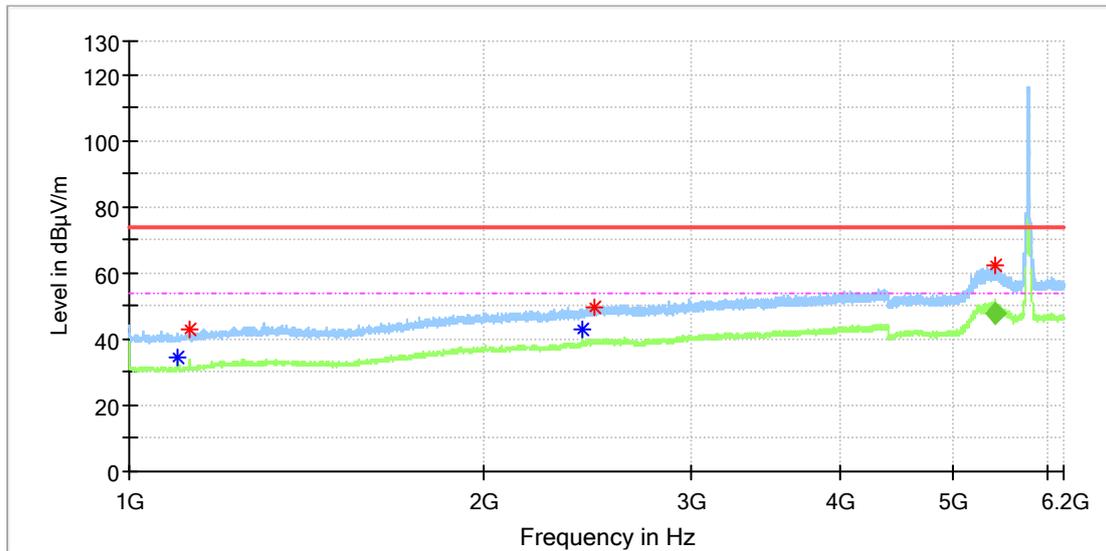
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

**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**

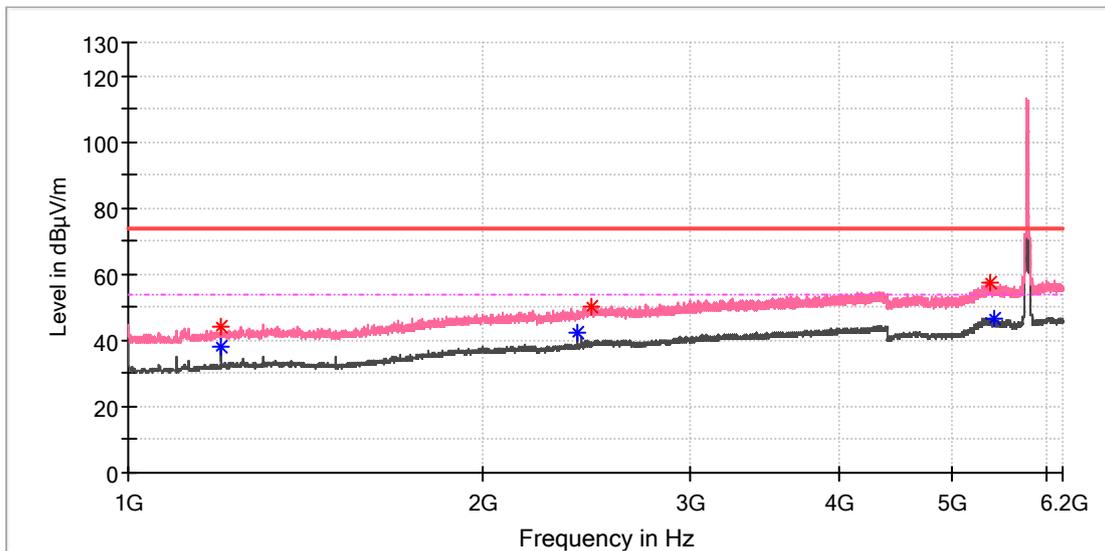
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1099.500000	---	34.59	54.00	19.41	150.0	H	300.0	-0.2
1124.500000	42.99	---	74.00	31.01	150.0	H	232.0	0.3
2426.000000	---	42.78	54.00	11.22	150.0	H	323.0	7.2
2480.500000	49.87	---	74.00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

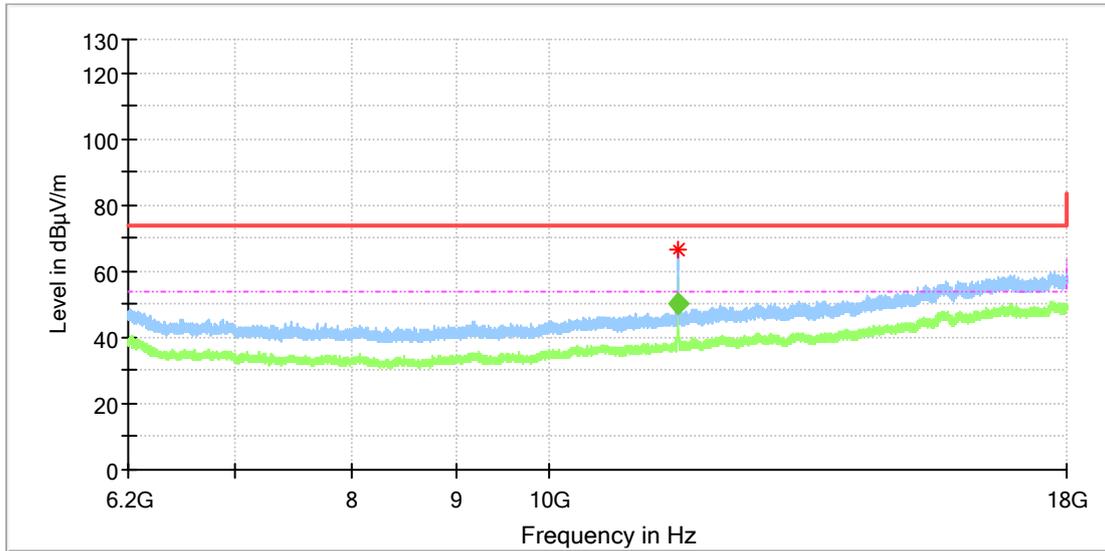
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.11	---	74.00	29.89	150.0	V	293.0	1.1
1200.000000	---	37.83	54.00	16.17	150.0	V	293.0	1.1
2402.000000	---	42.13	54.00	11.87	150.0	V	152.0	7.0
2466.500000	49.91	---	74.00	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)
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### 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

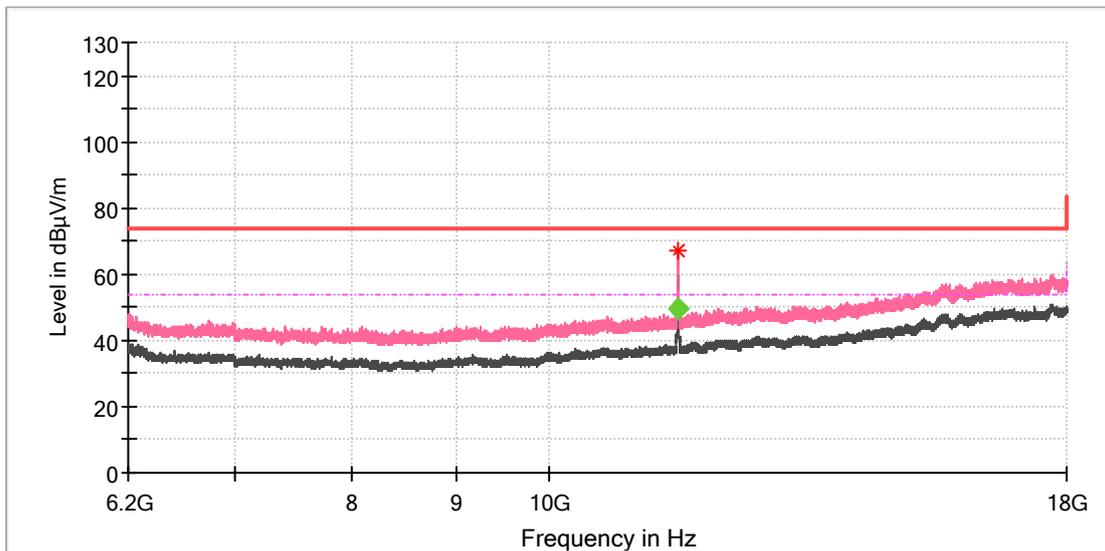
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.883333	66.39	---	74.00	7.61	150.0	H	148.0	13.4

### 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

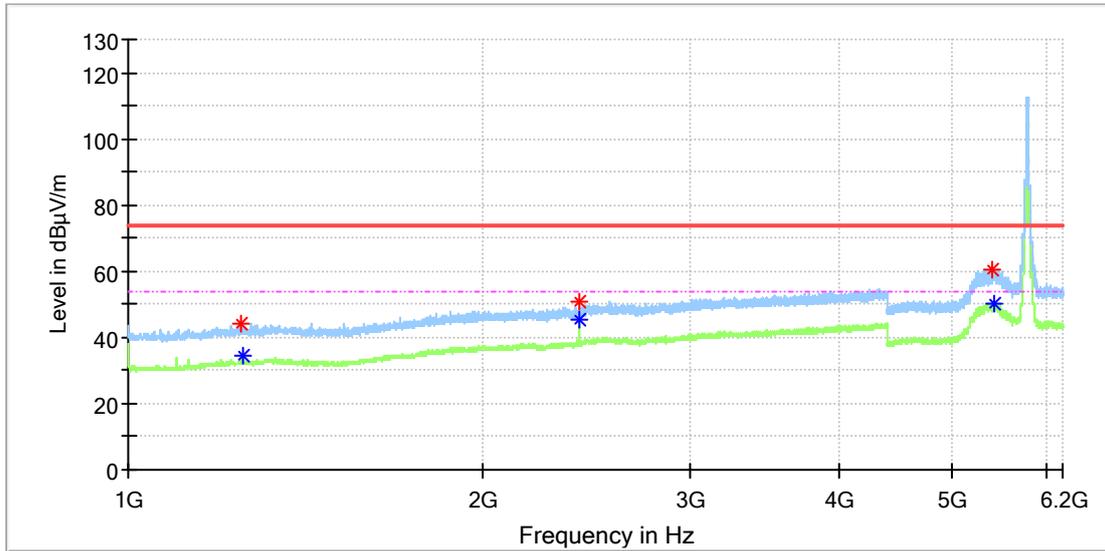
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11572.441667	67.13	---	74.00	6.87	150.0	V	195.0	13.4

### 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

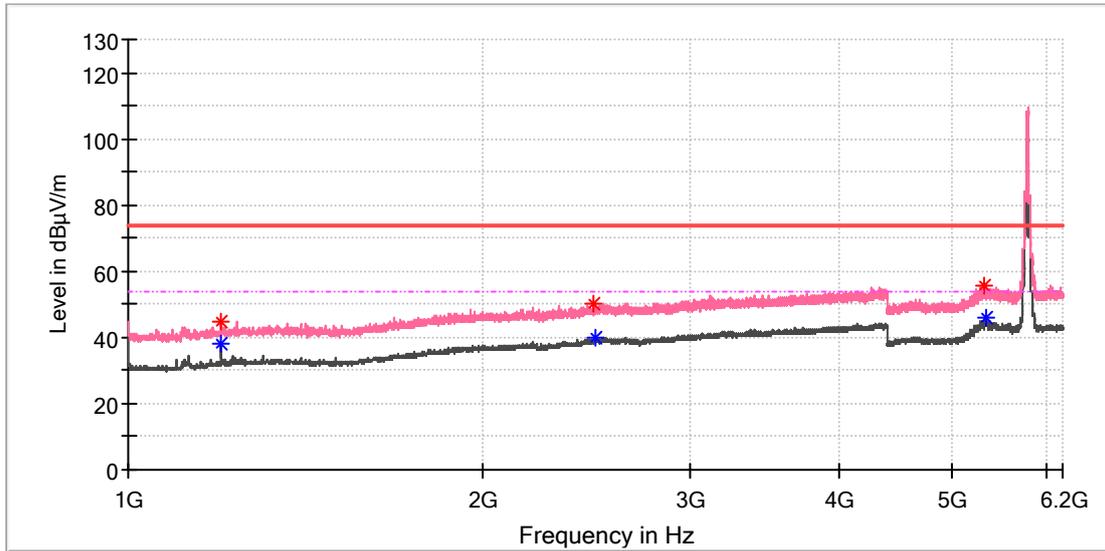
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1245.500000	43.93	---	74.00	30.07	150.0	H	116.0	1.8
1249.500000	---	34.56	54.00	19.44	150.0	H	0.0	1.9
2409.500000	50.67	---	74.00	23.33	150.0	H	207.0	7.1
2410.000000	---	45.65	54.00	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

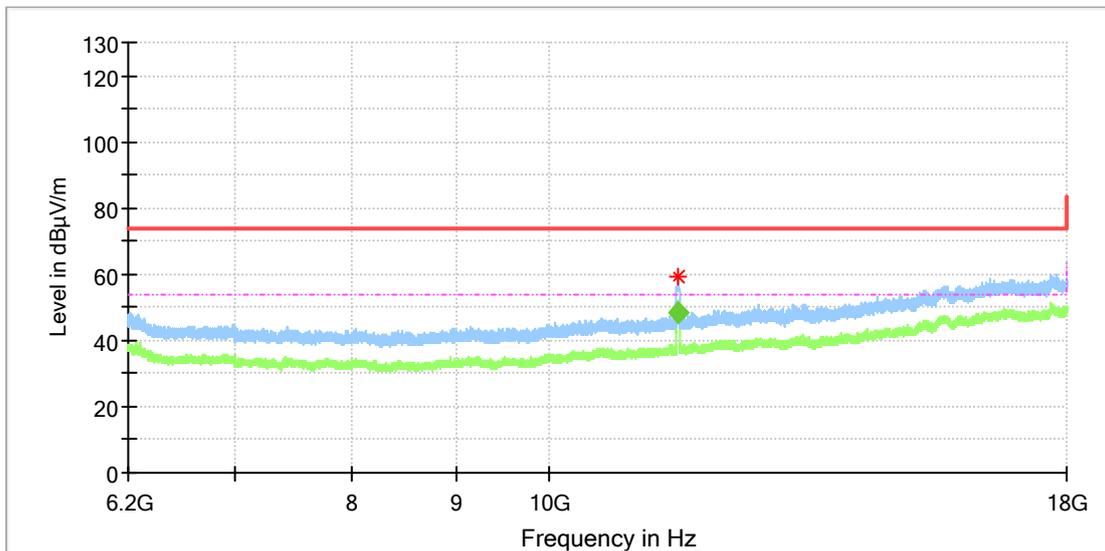
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.54	---	74.00	29.46	150.0	V	343.0	1.1
1200.000000	---	38.06	54.00	15.94	150.0	V	343.0	1.1
2483.000000	50.18	---	74.00	23.82	150.0	V	13.0	7.4
2488.000000	---	39.93	54.00	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

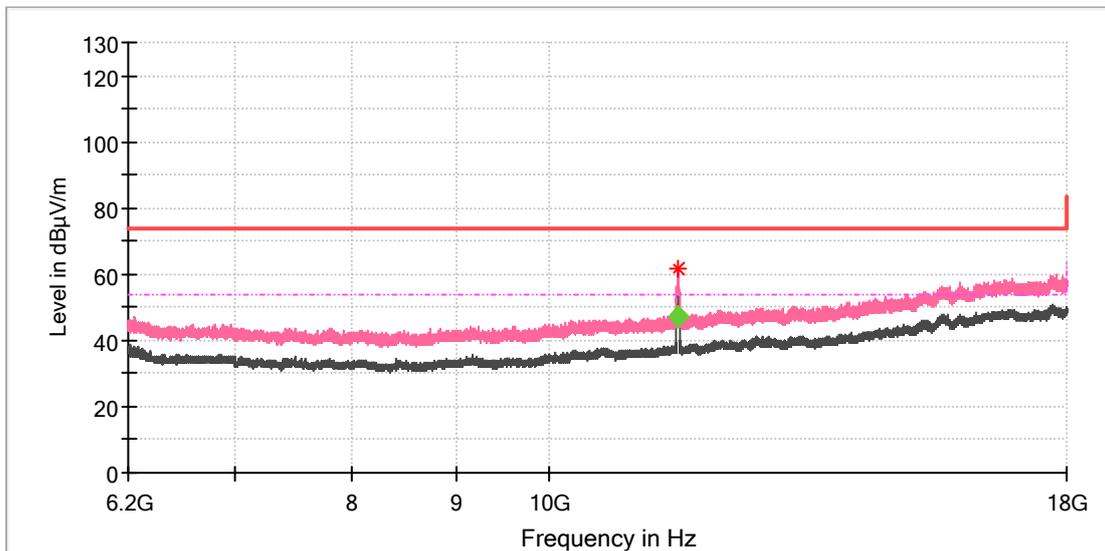
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11577.358333	59.21	---	74.00	14.79	150.0	H	196.0	13.4

### 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

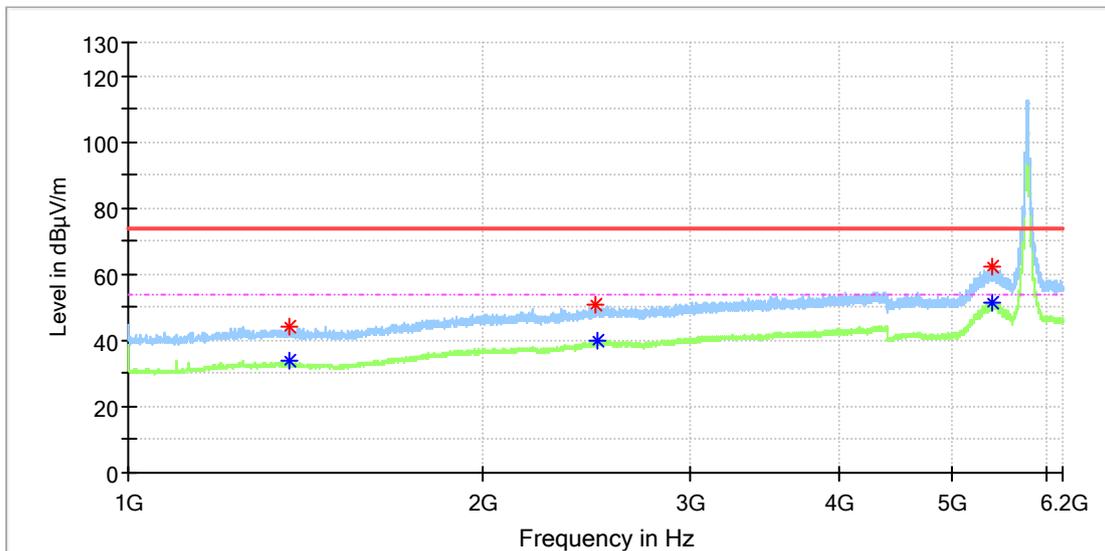
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.883333	61.78	---	74.00	12.22	150.0	V	109.0	13.4

### 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

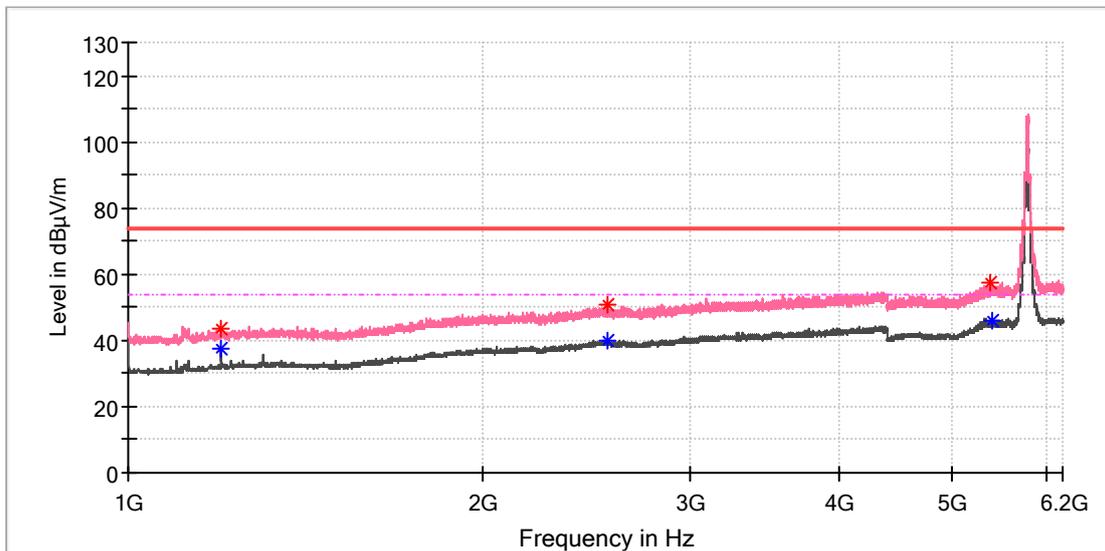
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1369.000000	44.01	---	74.00	29.99	150.0	H	1.0	2.0
1369.500000	---	33.71	54.00	20.29	150.0	H	21.0	1.9
2488.000000	50.57	---	74.00	23.43	150.0	H	100.0	7.4
2499.500000	---	39.75	54.00	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

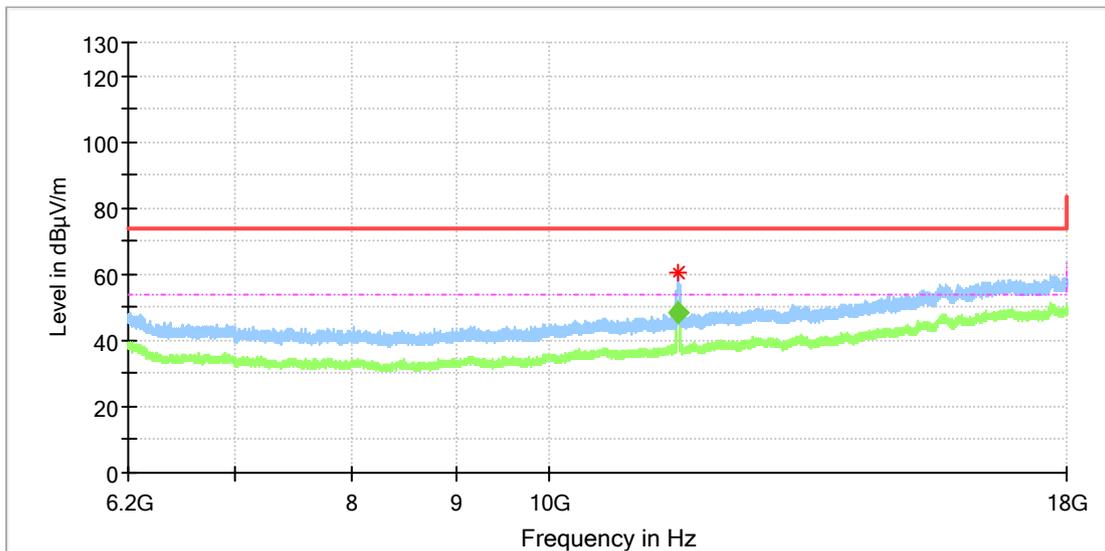
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	43.63	---	74.00	30.37	150.0	V	269.0	1.1
1199.500000	---	37.23	54.00	16.77	150.0	V	269.0	1.1
2546.000000	50.56	---	74.00	23.44	150.0	V	4.0	7.6
2550.500000	---	39.92	54.00	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

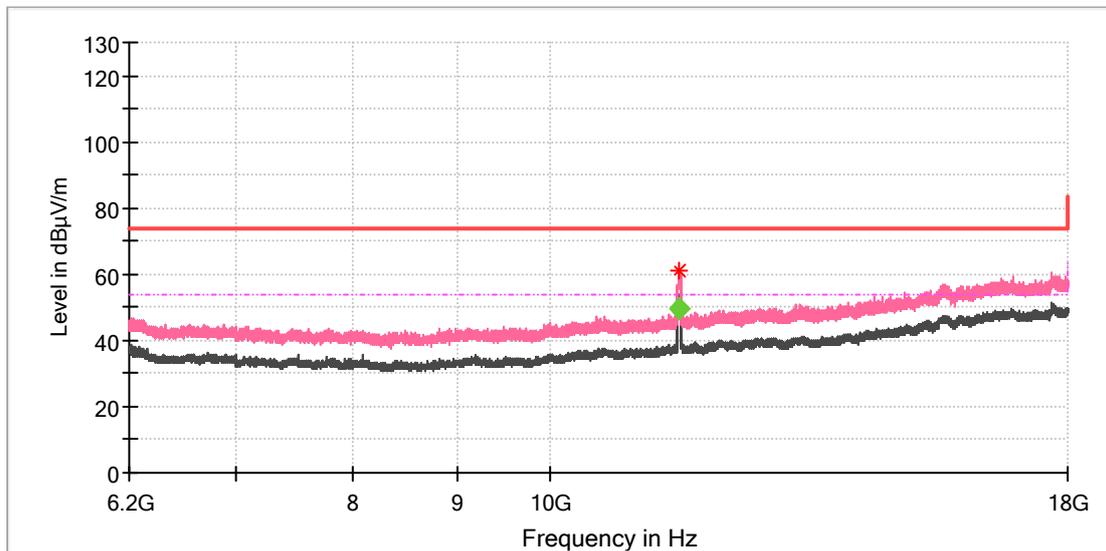
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.883333	60.28	---	74.00	13.72	150.0	H	198.0	13.4

### 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

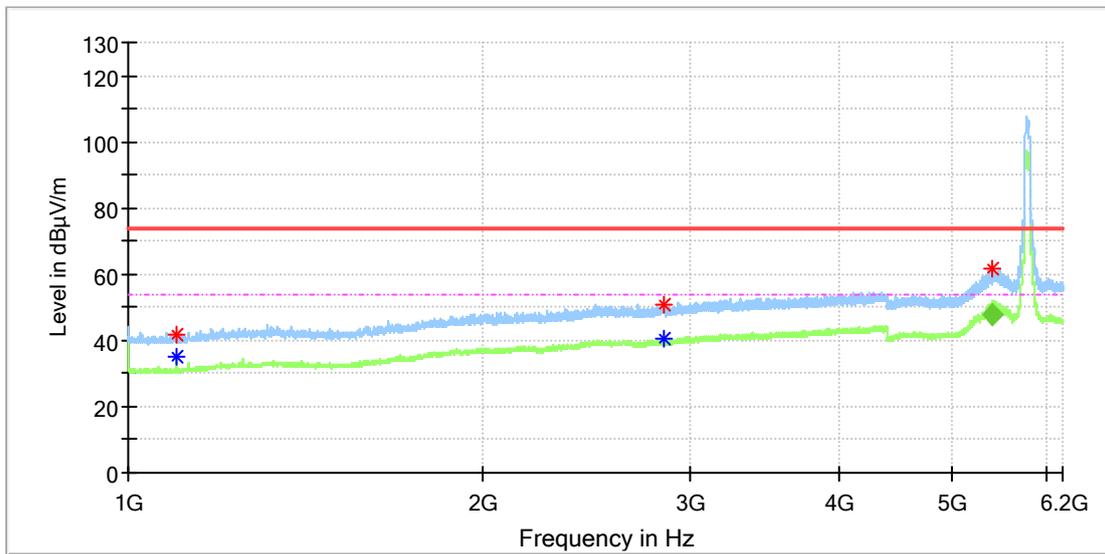
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11574.408333	61.01	---	74.00	12.99	150.0	V	224.0	13.4

### 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

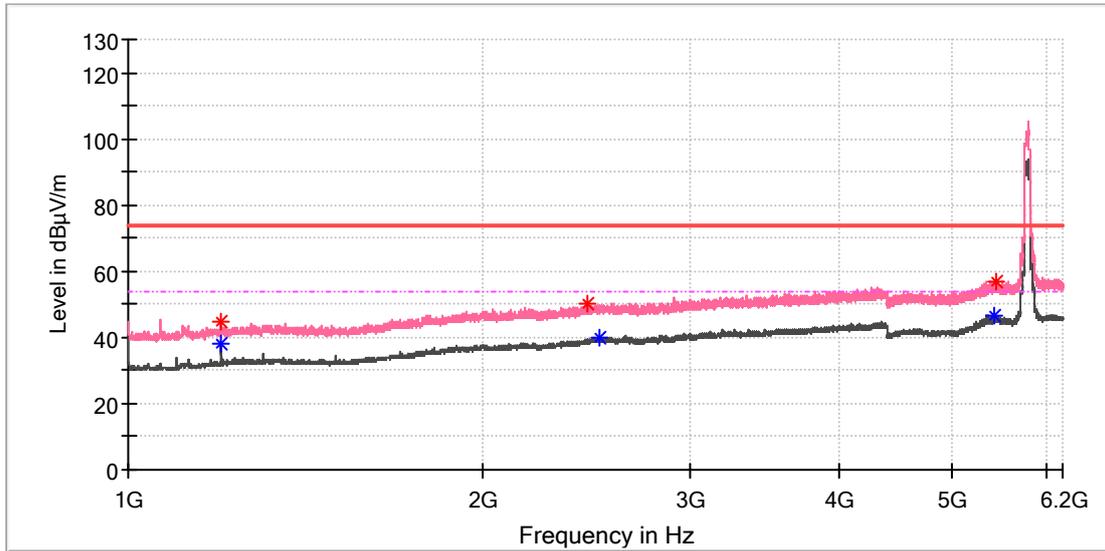
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1099.500000	41.76	---	74.00	32.24	150.0	H	201.0	-0.2
1099.500000	---	35.01	54.00	18.99	150.0	H	201.0	-0.2
2844.000000	---	40.60	54.00	13.40	150.0	H	194.0	8.1
2847.000000	50.82	---	74.00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

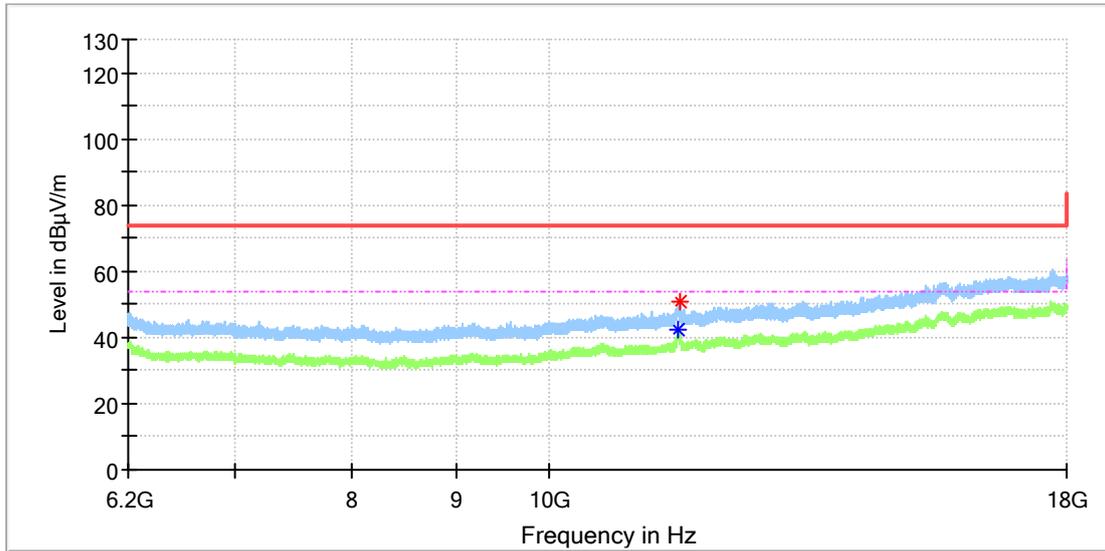
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	44.85	---	74.00	29.15	150.0	V	357.0	1.1
1200.000000	---	38.07	54.00	15.93	150.0	V	60.0	1.1
2449.000000	50.19	---	74.00	23.81	150.0	V	221.0	7.5
2512.000000	---	39.96	54.00	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

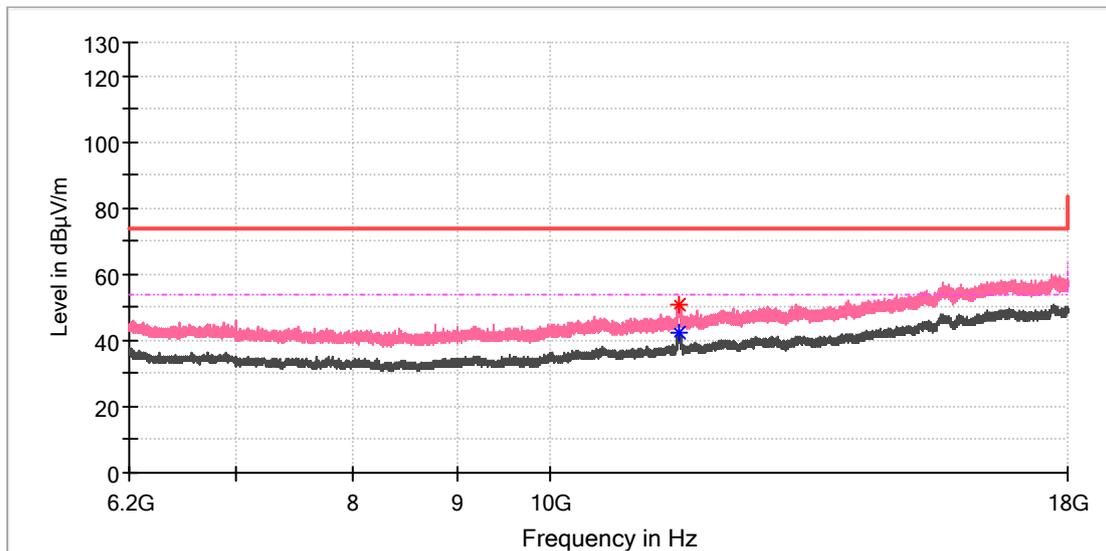
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11575.883333	---	42.17	54.00	11.83	150.0	H	160.0	13.4
11590.141667	50.83	---	74.00	23.17	150.0	H	160.0	13.3

### 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

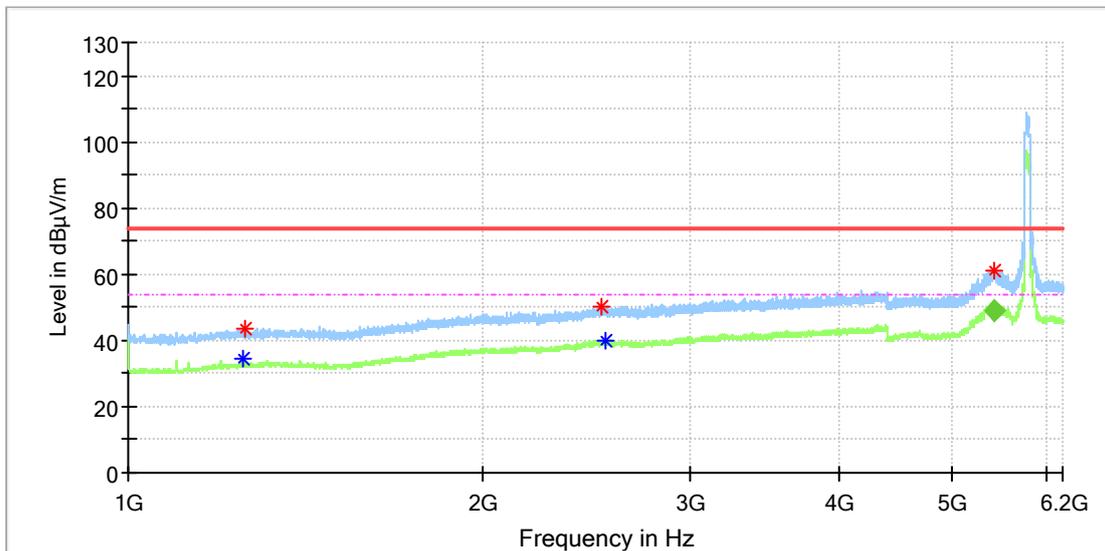
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11567.033333	---	42.14	54.00	11.86	150.0	V	276.0	13.4
11581.783333	50.93	---	74.00	23.07	150.0	V	214.0	13.4

### 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

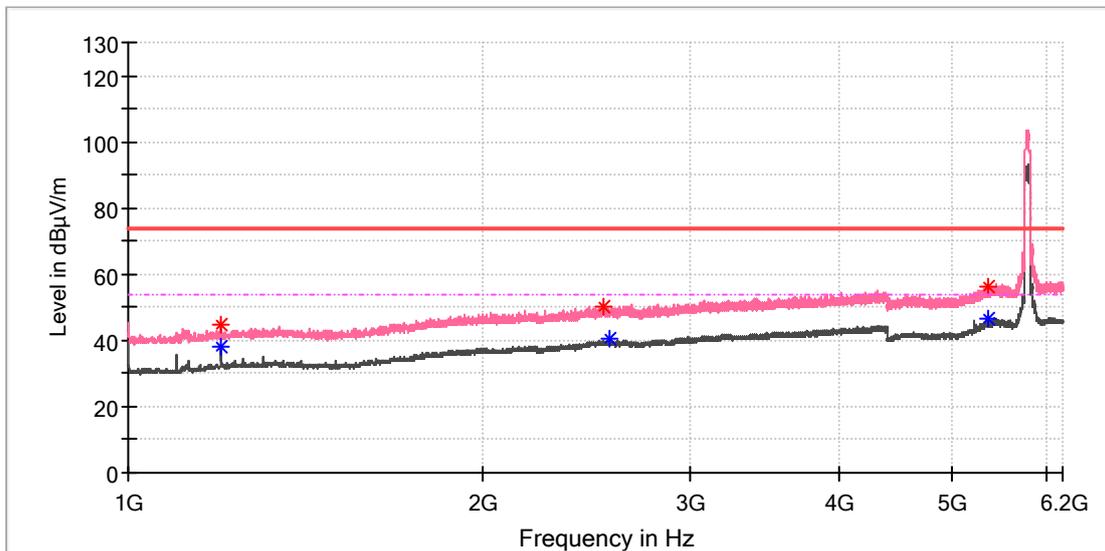
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1249.500000	---	34.38	54.00	19.62	150.0	H	331.0	1.9
1255.000000	43.50	---	74.00	30.50	150.0	H	320.0	1.9
2524.000000	50.01	---	74.00	23.99	150.0	H	137.0	7.5
2536.000000	---	40.02	54.00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

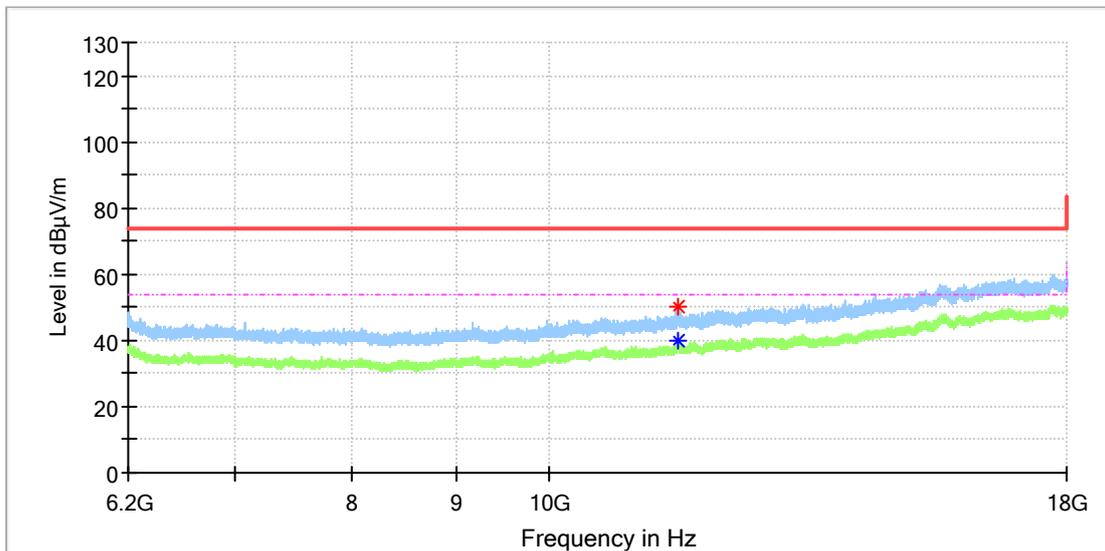
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.86	---	74.00	29.14	150.0	V	302.0	1.1
1200.000000	---	38.31	54.00	15.69	150.0	V	302.0	1.1
2528.000000	50.29	---	74.00	23.71	150.0	V	0.0	7.5
2559.000000	---	40.30	54.00	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

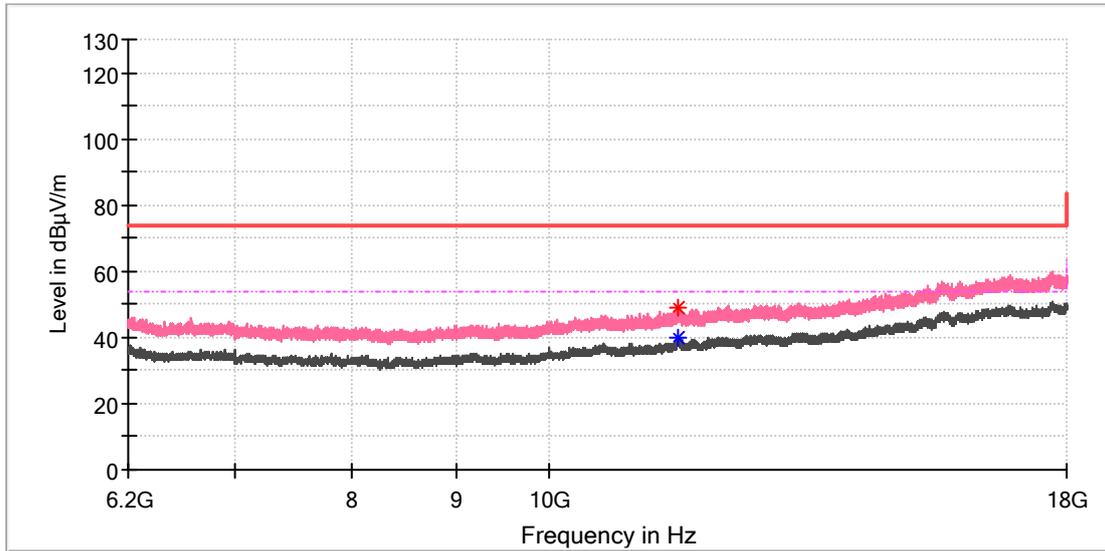
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11572.933333	50.43	---	74.00	23.57	150.0	H	181.0	13.4
11577.358333	---	39.82	54.00	14.18	150.0	H	144.0	13.4

### 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

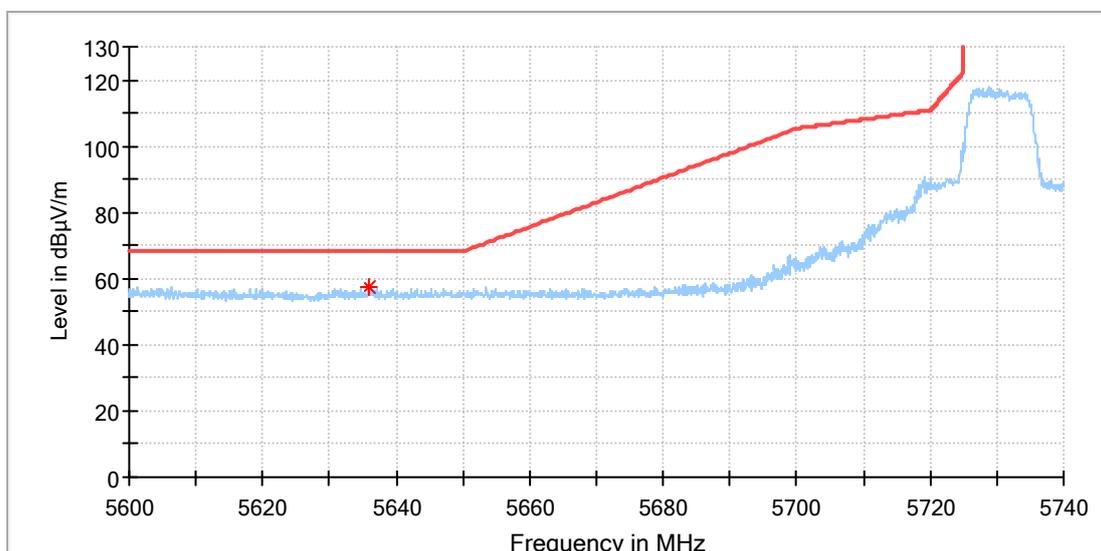
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

## 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

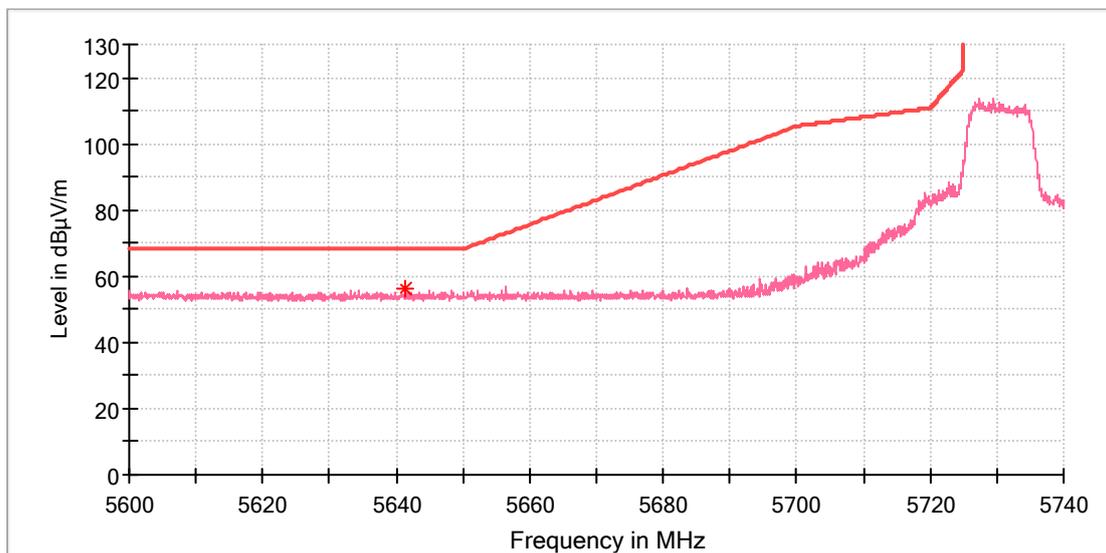
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5635.994445	57.48	68.20	10.72	150.0	H	174.0	13.8

#### 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

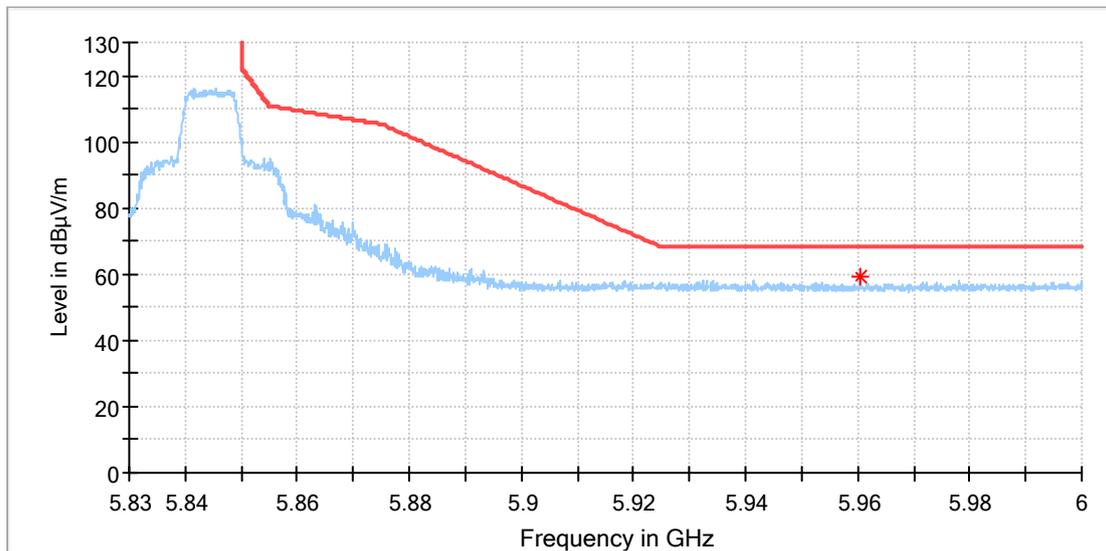
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5641.372222	56.06	68.20	12.14	150.0	V	335.0	13.8

### 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

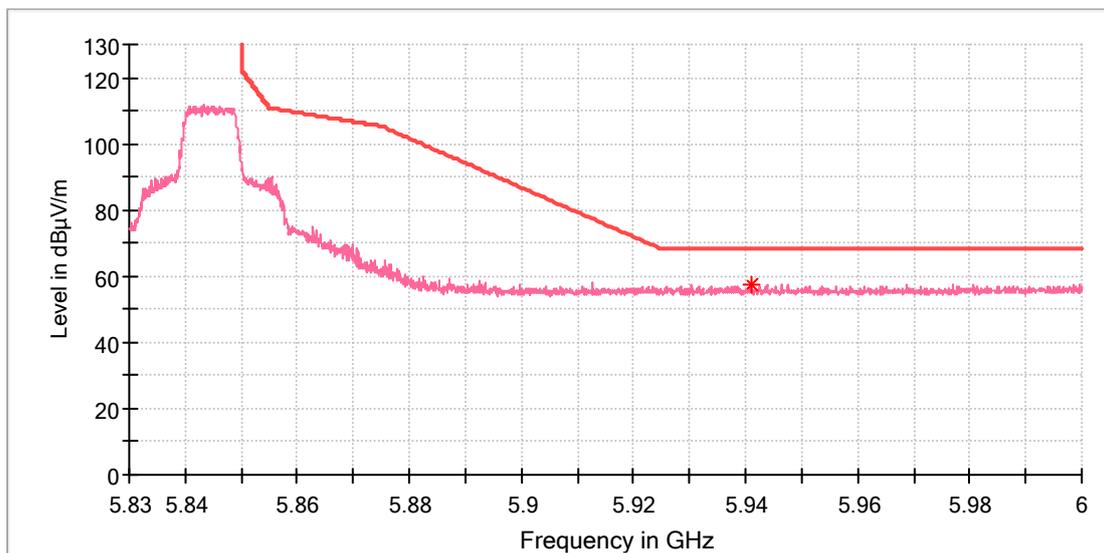
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5960.354167	59.01	68.20	9.19	150.0	H	120.0	14.8

### 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

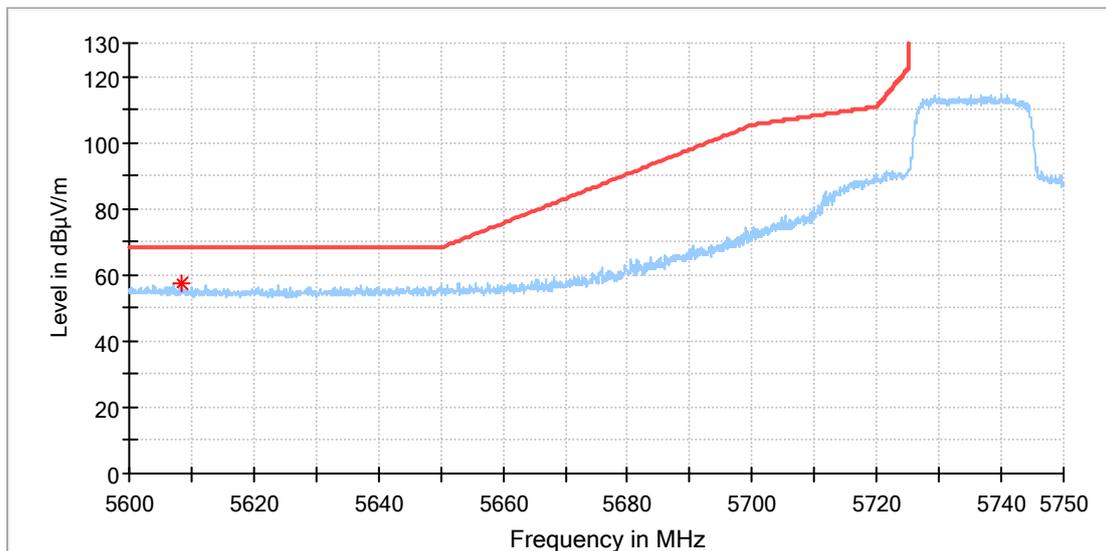
### Final Result

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

**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**

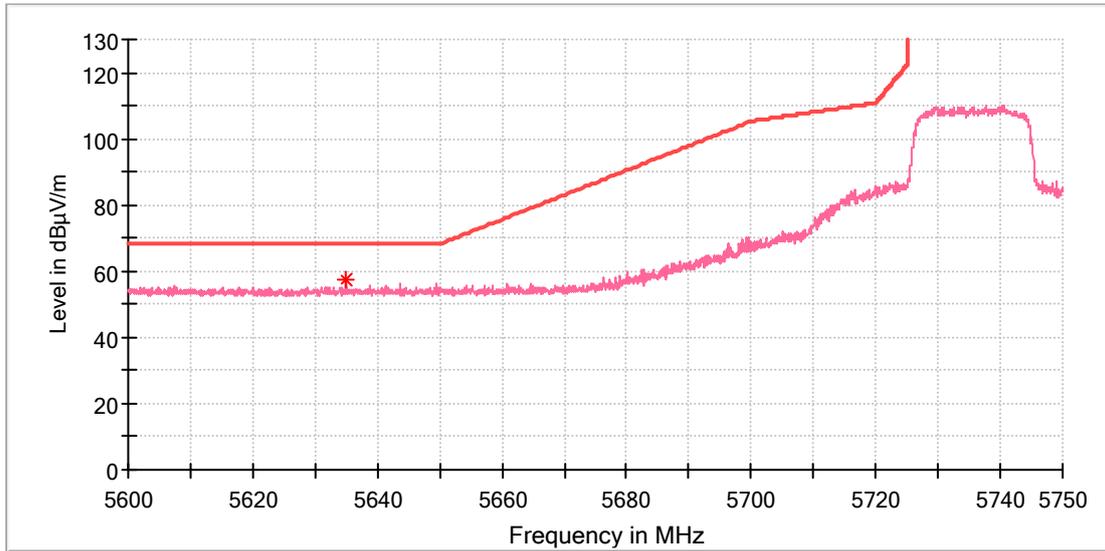
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5608.555556	57.55	68.20	10.65	150.0	H	127.0	13.8

**Final Result**

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

### 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

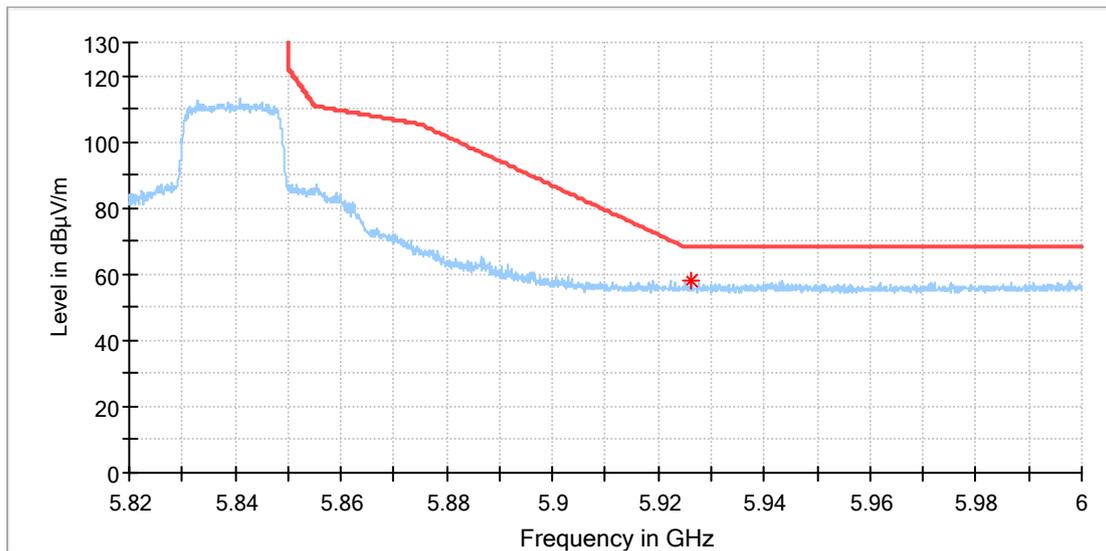
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5635.016667	57.74	68.20	10.46	150.0	V	264.0	13.8

### Final Result

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

### 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

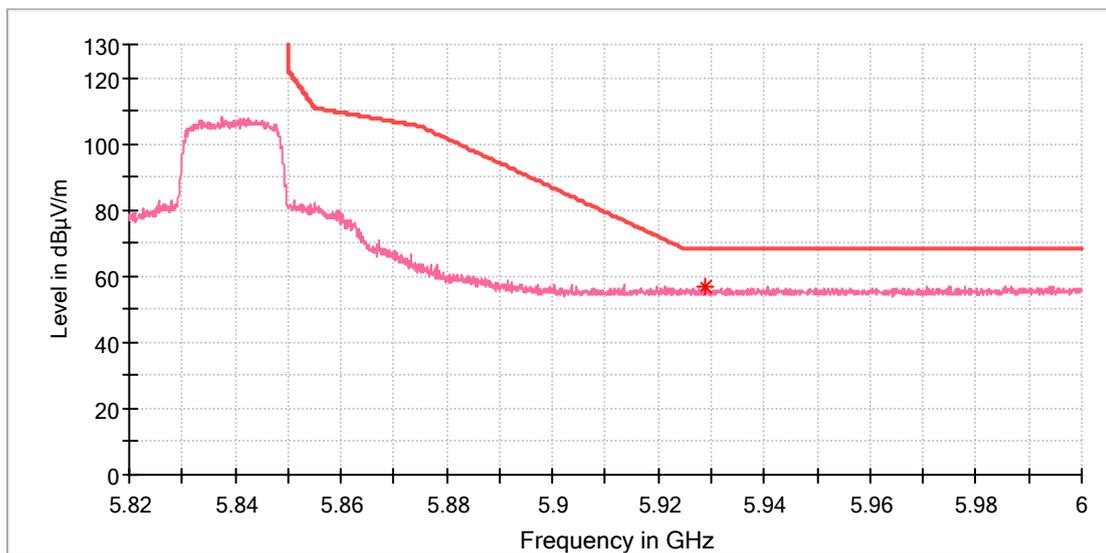
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5926.284722	58.08	68.20	10.12	150.0	H	352.0	14.7

### Final Result

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

### 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

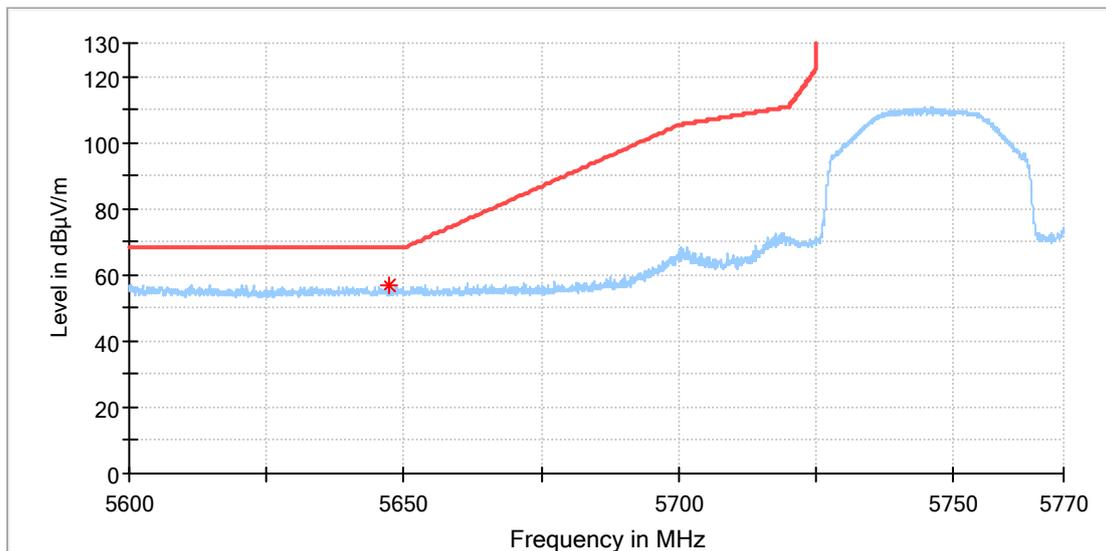
### Final Result

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**

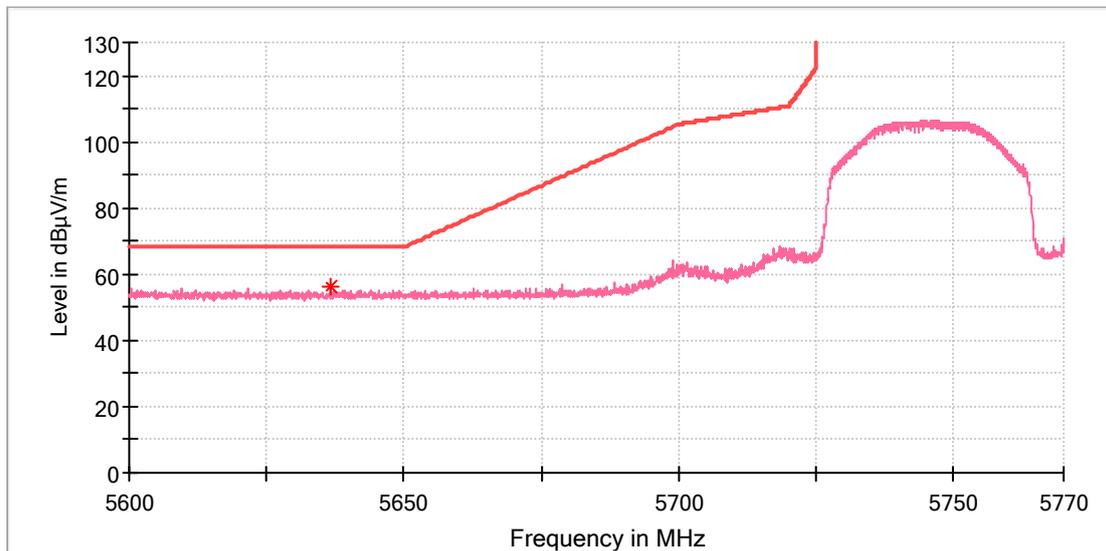
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5647.238889	56.99	68.20	11.21	150.0	H	160.0	13.8

**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

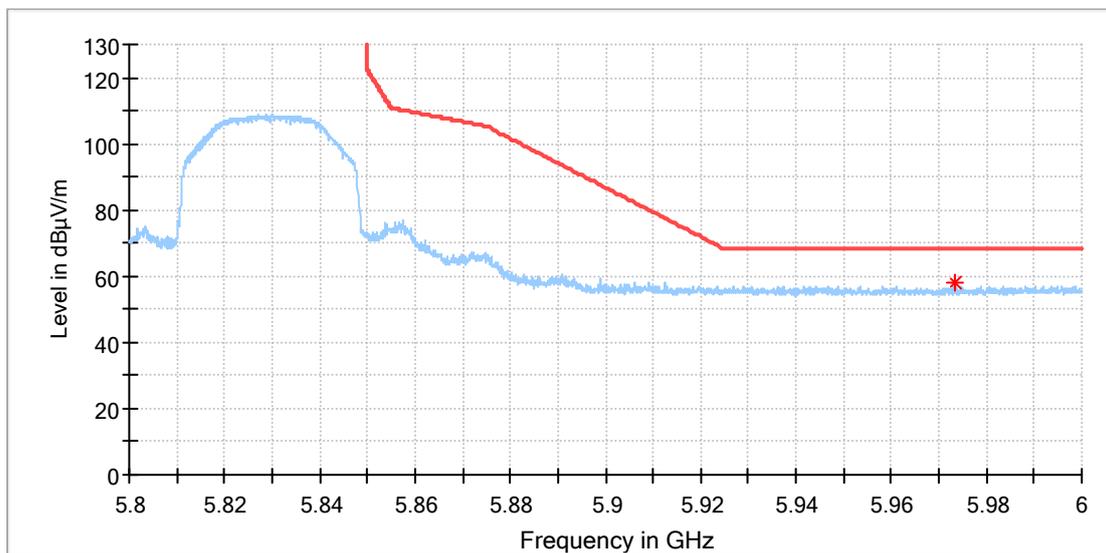
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5636.727778	56.12	68.20	12.08	150.0	V	222.0	13.8

### 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

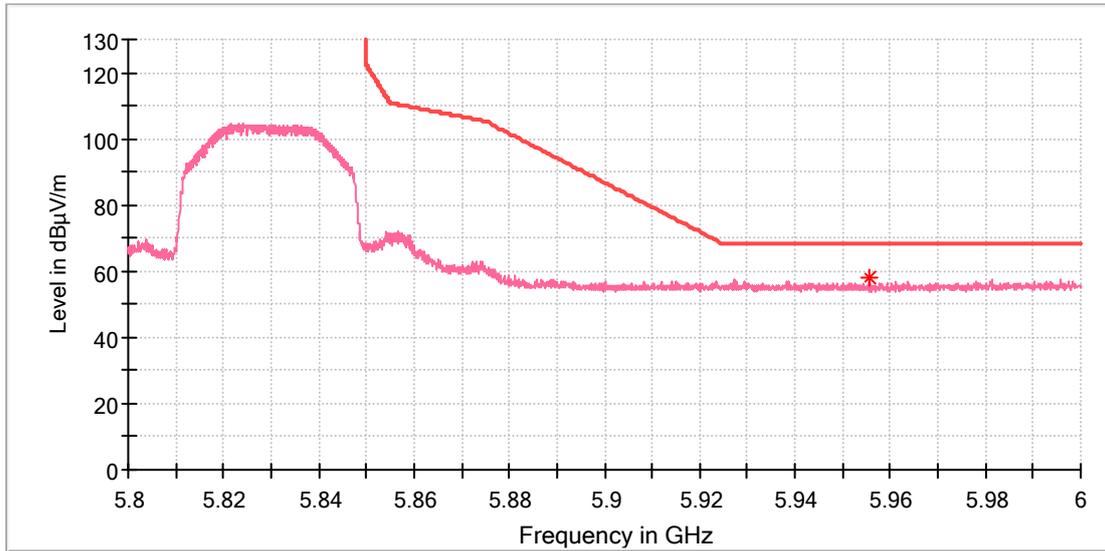
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5973.569445	57.76	68.20	10.44	150.0	H	322.0	14.9

### 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

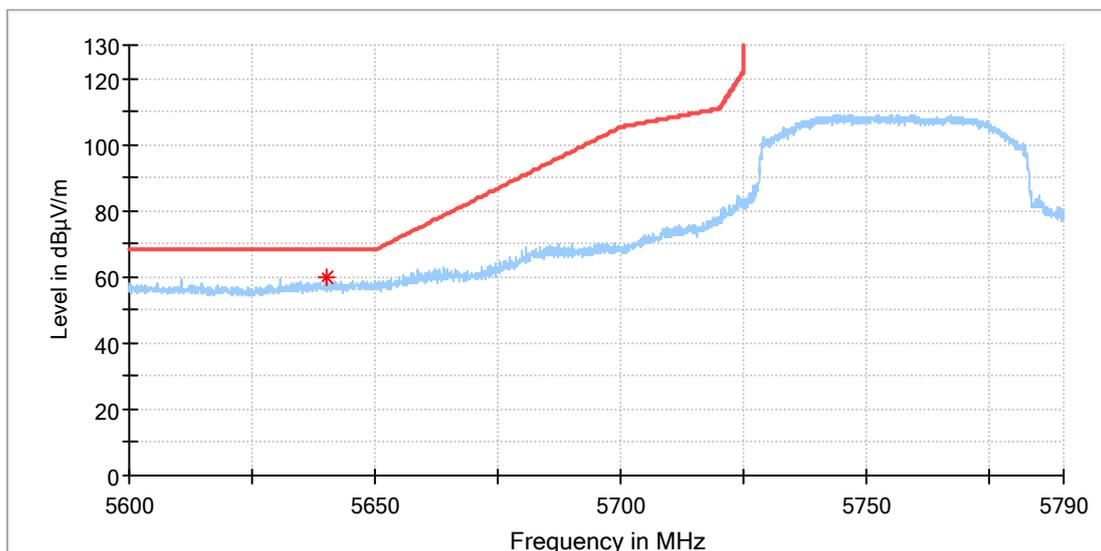
### Final Result

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**

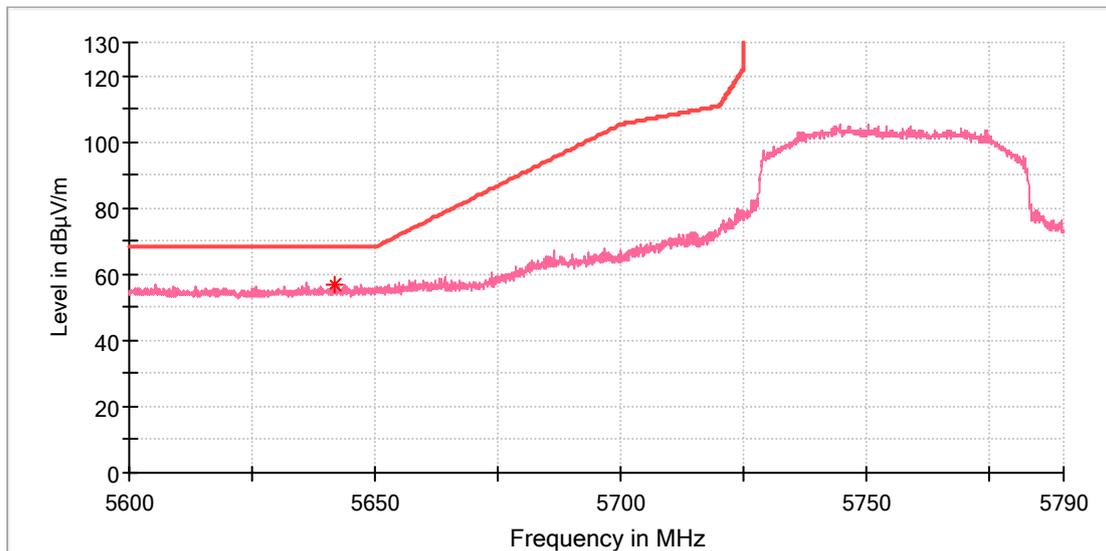
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5639.966667	59.56	68.20	8.64	150.0	H	129.0	13.8

**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

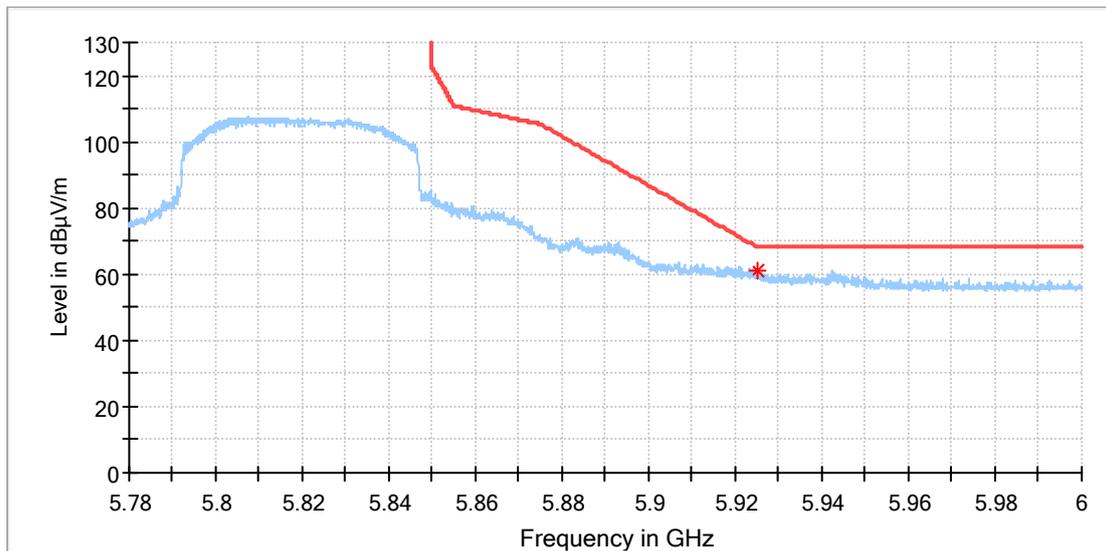
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5641.800000	57.09	68.20	11.11	150.0	V	237.0	13.8

### Final Result

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

### 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

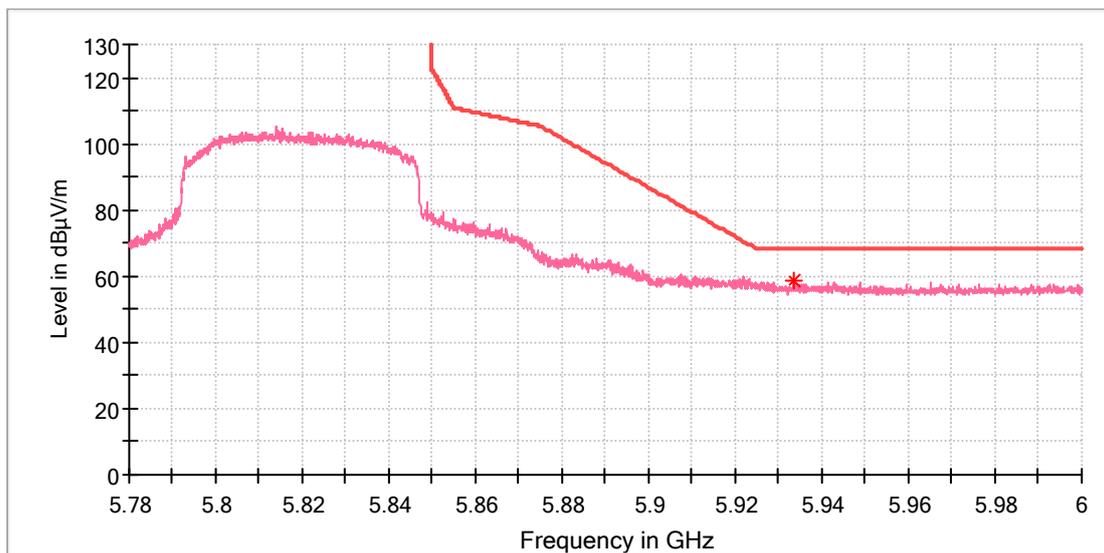
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5924.986111	61.24	68.21	6.97	150.0	H	354.0	14.6

### Final Result

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

### 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

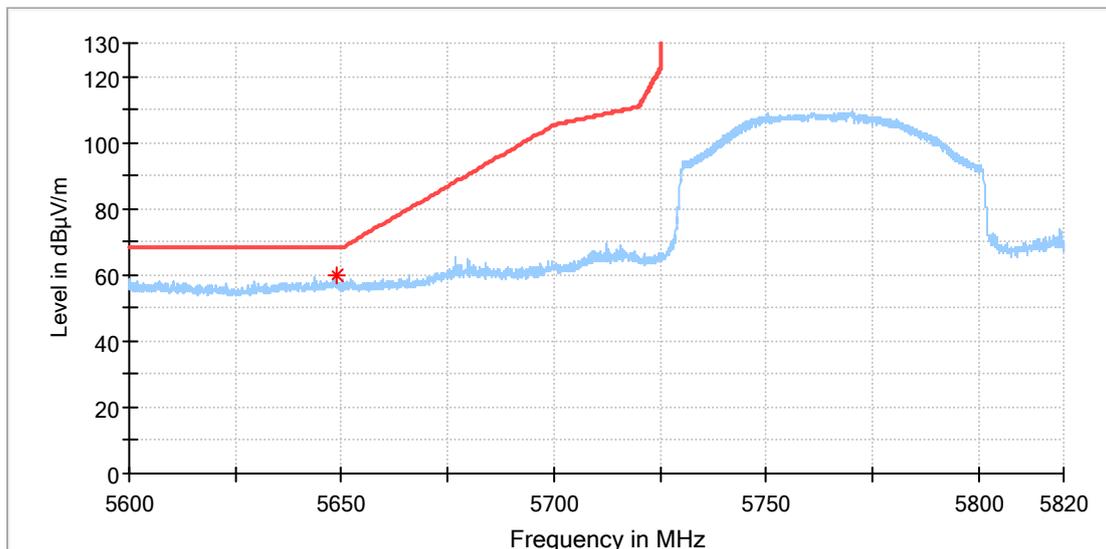
### Final Result

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**

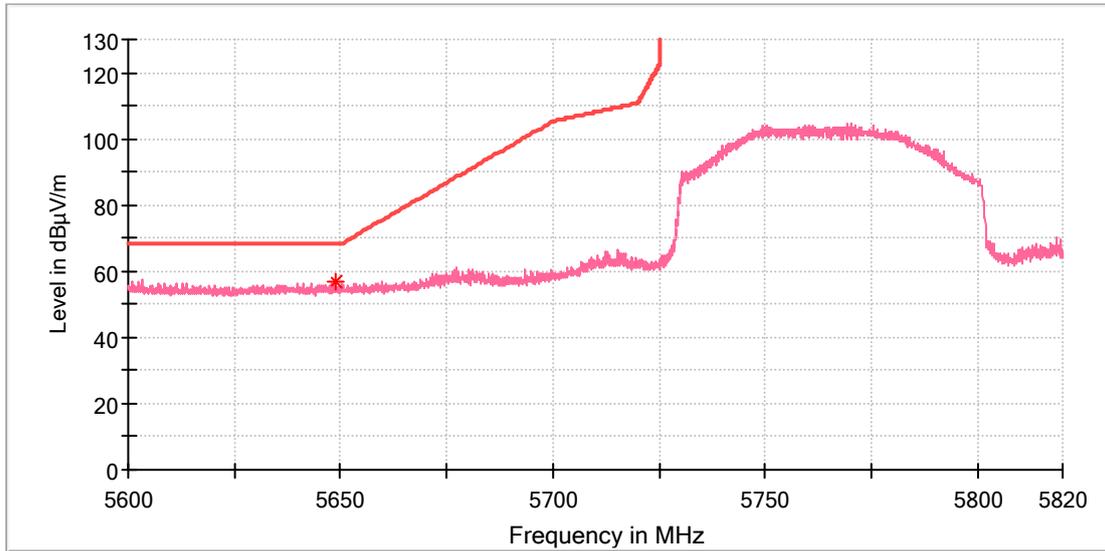
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.766667	59.84	68.20	8.36	150.0	H	155.0	13.8

**Final Result**

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

### 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

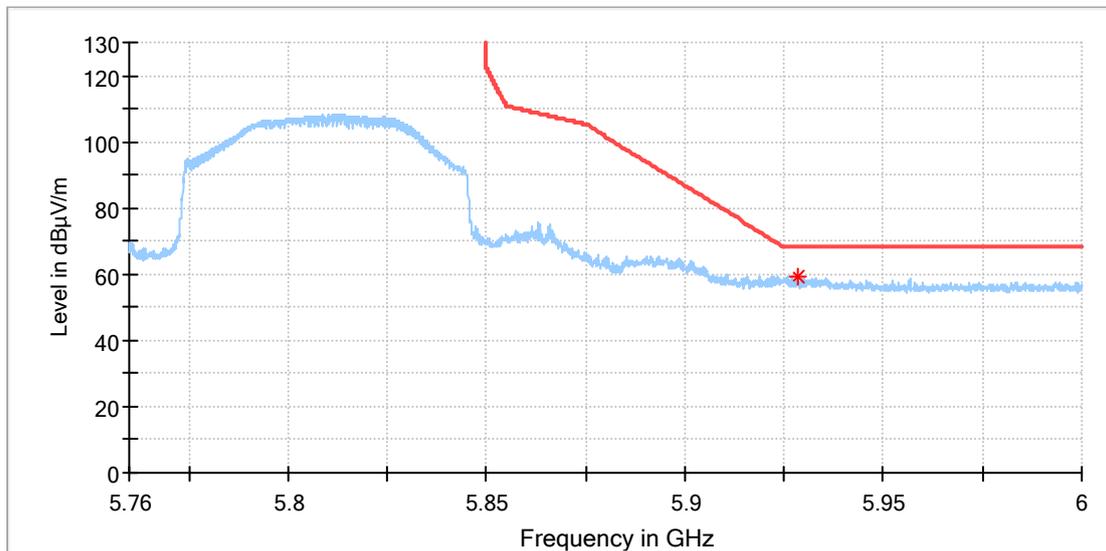
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.827778	56.64	68.20	11.56	150.0	V	222.0	13.8

### Final Result

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

### 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

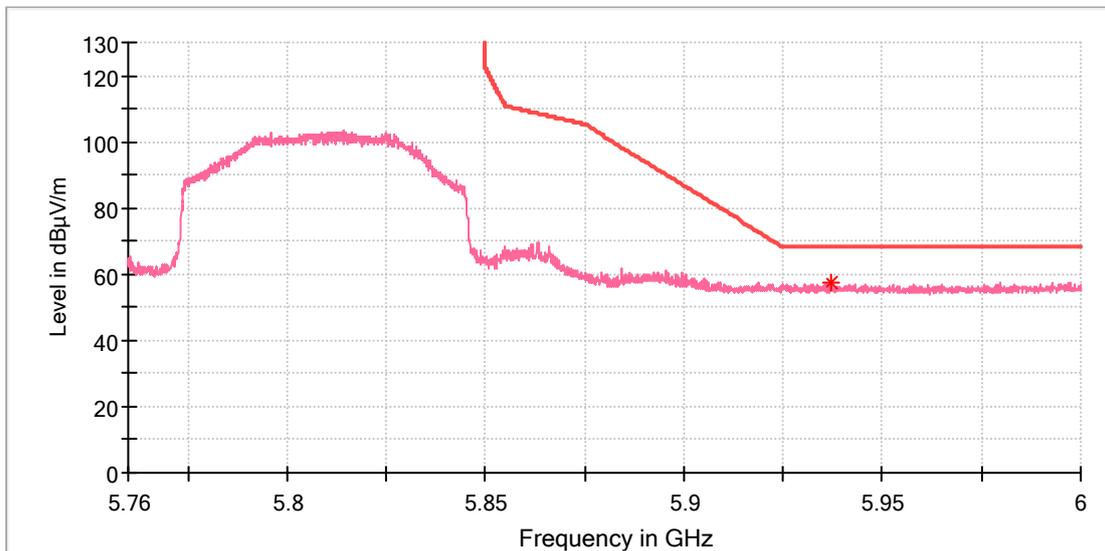
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5928.270833	59.21	68.20	8.99	150.0	H	317.0	14.7

### Final Result

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

### 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

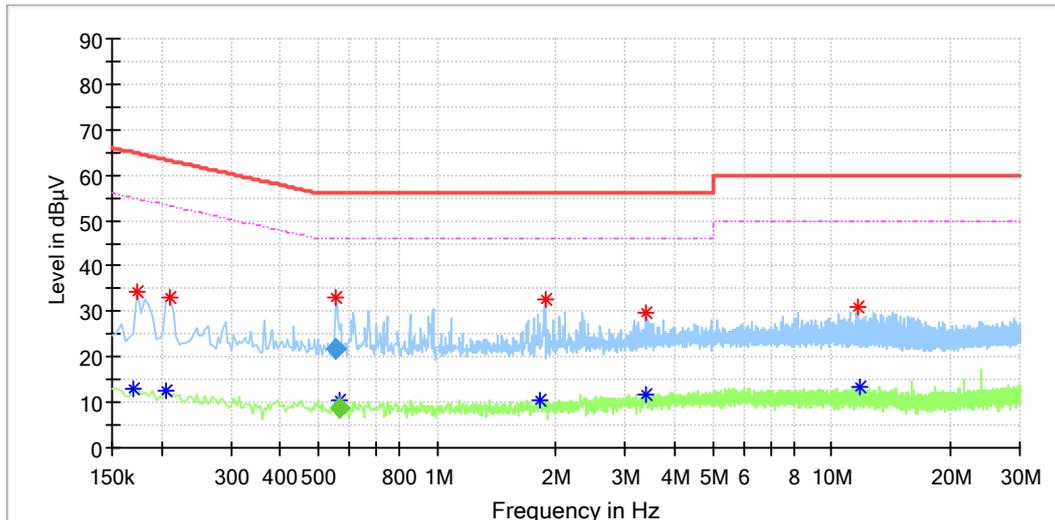
### Final Result

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

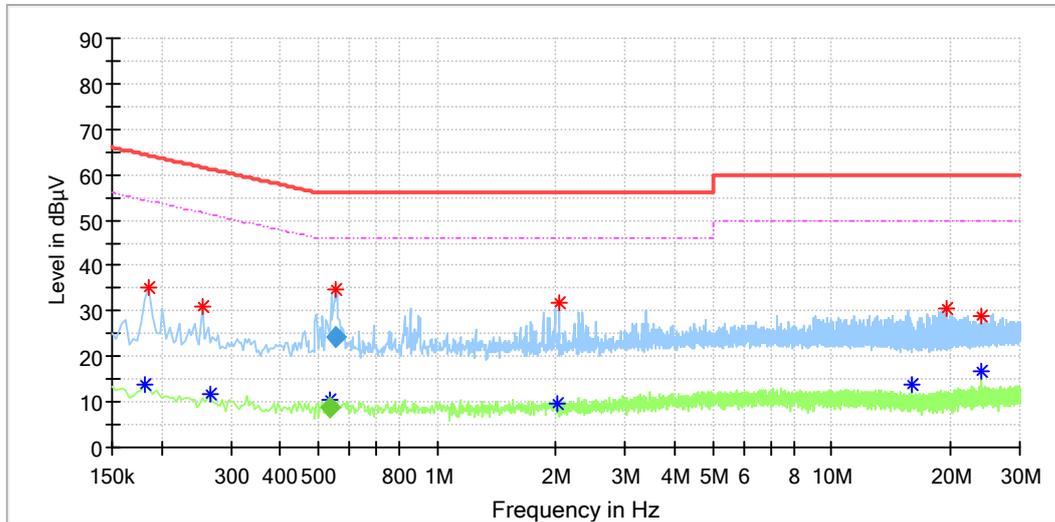
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.170000	---	12.93	54.96	42.03	L1	9.9
0.174000	34.28	---	64.77	30.49	L1	9.9
0.206000	---	12.77	53.37	40.60	L1	9.9
0.210000	33.26	---	63.21	29.95	L1	9.9
0.553500	32.97	---	56.00	23.03	L1	10.0
0.565500	---	10.51	46.00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