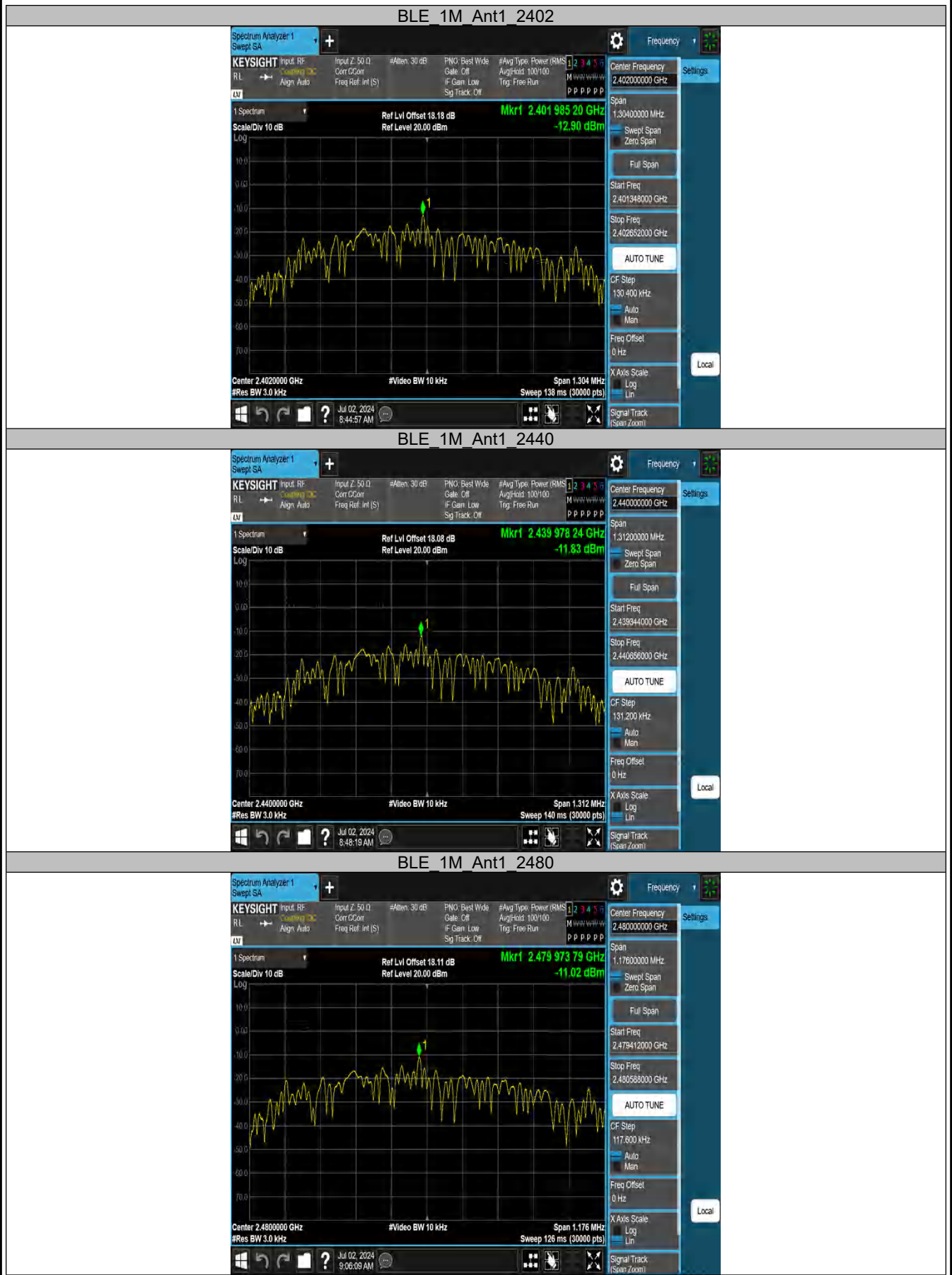


Appendix A: Test Results of Bluetooth Low Energy

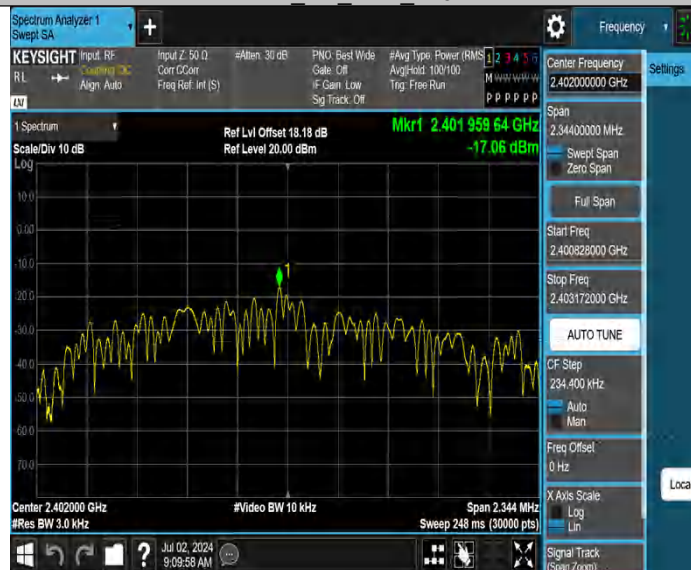
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Appendix A.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.90	≤8.00	PASS
		2440	-11.83	≤8.00	PASS
		2480	-11.02	≤8.00	PASS
BLE_2M	Ant1	2402	-17.06	≤8.00	PASS
		2440	-17.20	≤8.00	PASS
		2480	-16.73	≤8.00	PASS



BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.652	2401.684	2402.336	0.5	PASS
		2440	0.656	2439.680	2440.336	0.5	PASS
		2480	0.588	2479.684	2480.272	0.5	PASS
BLE_2M	Ant1	2402	1.172	2401.424	2402.596	0.5	PASS
		2440	1.068	2439.512	2440.580	0.5	PASS
		2480	1.148	2479.412	2480.560	0.5	PASS

BLE 1M Ant1 2402



BLE 1M Ant1 2440



BLE 1M Ant1 2480



BLE 2M Ant1 2402



BLE 2M Ant1 2440



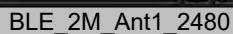
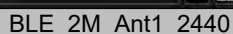
BLE 2M Ant1 2480



Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0696	2401.4914	2402.5610	---	PASS
		2440	1.0599	2439.4972	2440.5571	---	PASS
		2480	1.0660	2479.4840	2480.5500	---	PASS
BLE_2M	Ant1	2402	2.0691	2401.0138	2403.0829	---	PASS
		2440	2.0666	2439.0087	2441.0753	---	PASS
		2480	2.0614	2479.0021	2481.0635	---	PASS





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

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.499	-44.33	≤-14.50	PASS
		High	2480	5.963	-44.55	≤-14.04	PASS
BLE_2M	Ant1	Low	2402	4.501	-38.95	≤-15.50	PASS
		High	2480	4.228	-43.87	≤-15.77	PASS

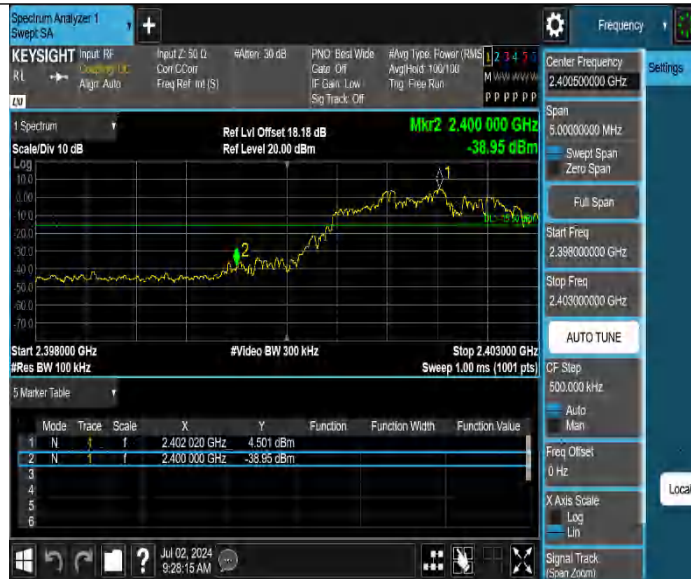
BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480



BLE 2M Ant1 Low 2402



BLE 2M Ant1 High 2480



Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	3.85	3.85	---	PASS
			30~1000	3.85	-43.21	≤-16.15	PASS
			1000~26500	3.85	-34.6	≤-16.15	PASS
		2440	Reference	4.93	4.93	---	PASS
			30~1000	4.93	-42.26	≤-15.07	PASS
			1000~26500	4.93	-32.56	≤-15.07	PASS
		2480	Reference	5.70	5.70	---	PASS
			30~1000	5.70	-41.72	≤-14.3	PASS
			1000~26500	5.70	-32.72	≤-14.3	PASS
BLE_2M	Ant1	2402	Reference	4.26	4.26	---	PASS
			30~1000	4.26	-41.11	≤-15.74	PASS
			1000~26500	4.26	-32.89	≤-15.74	PASS
		2440	Reference	4.02	4.02	---	PASS
			30~1000	4.02	-42.33	≤-15.98	PASS
			1000~26500	4.02	-33.08	≤-15.98	PASS
		2480	Reference	4.39	4.39	---	PASS
			30~1000	4.39	-41.91	≤-15.61	PASS
			1000~26500	4.39	-33.09	≤-15.61	PASS

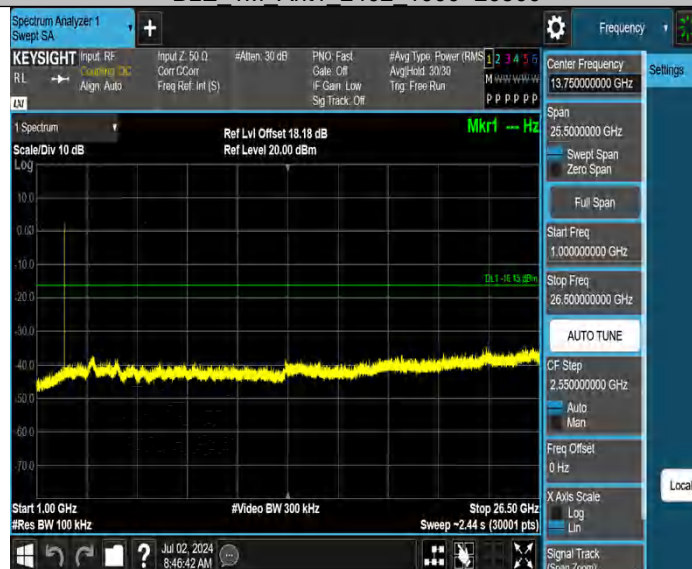
BLE 1M Ant1 2402 0~Reference

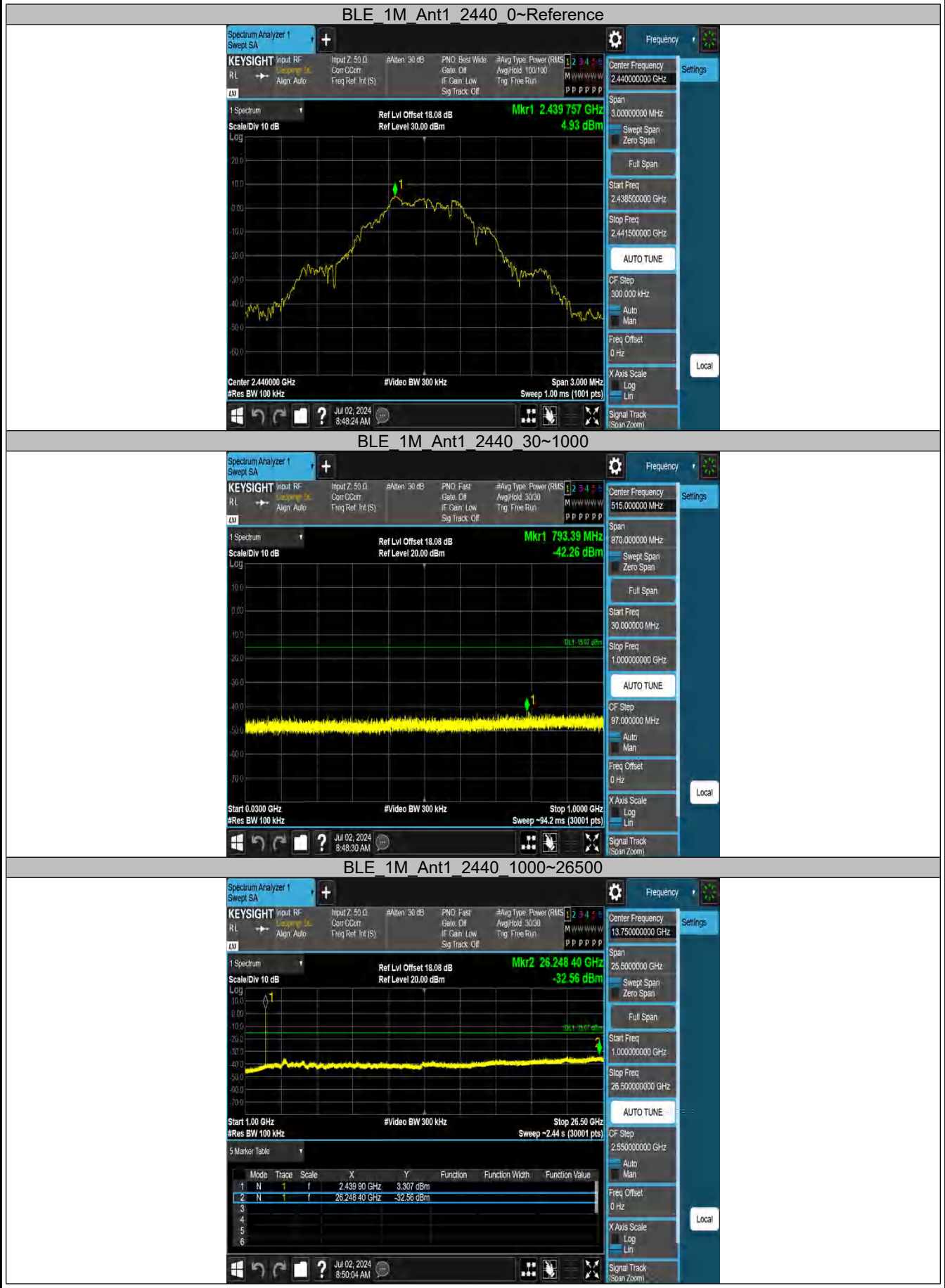


BLE 1M Ant1 2402 30~1000



BLE 1M Ant1 2402 1000~26500

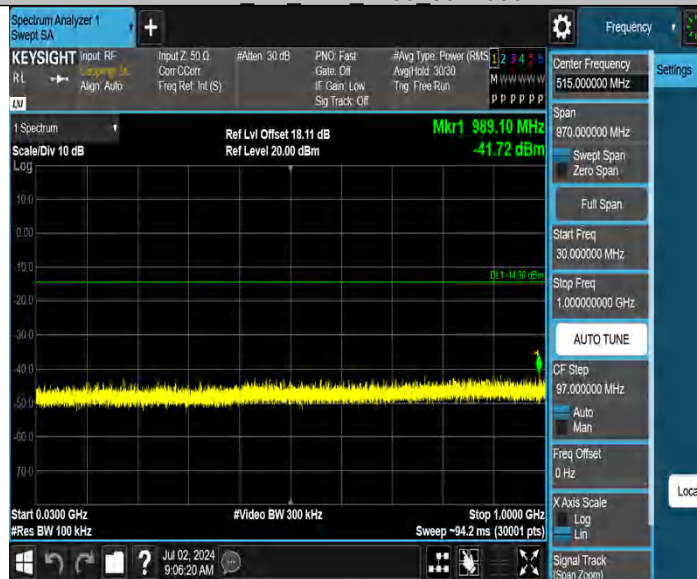




BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



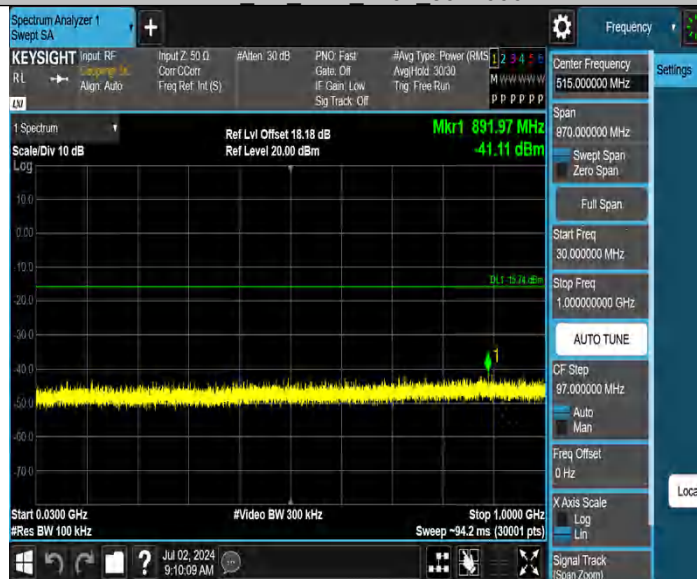
BLE_1M_Ant1_2480_1000~26500



BLE 2M Ant1 2402 0~Reference



BLE 2M Ant1 2402 30~1000



BLE 2M Ant1 2402 1000~26500



BLE 2M Ant1 2440 0~Reference



BLE 2M Ant1 2440 30~1000



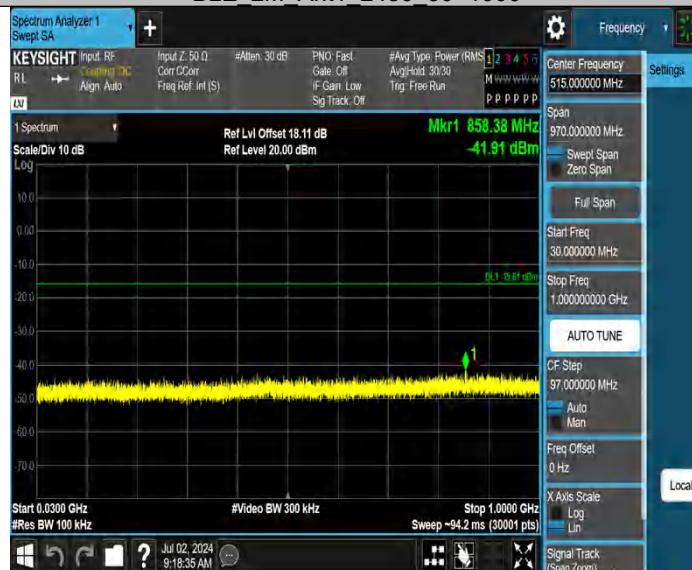
BLE 2M Ant1 2440 1000~26500



BLE 2M Ant1 2480 0~Reference



BLE 2M Ant1 2480 30~1000



BLE 2M Ant1 2480 1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

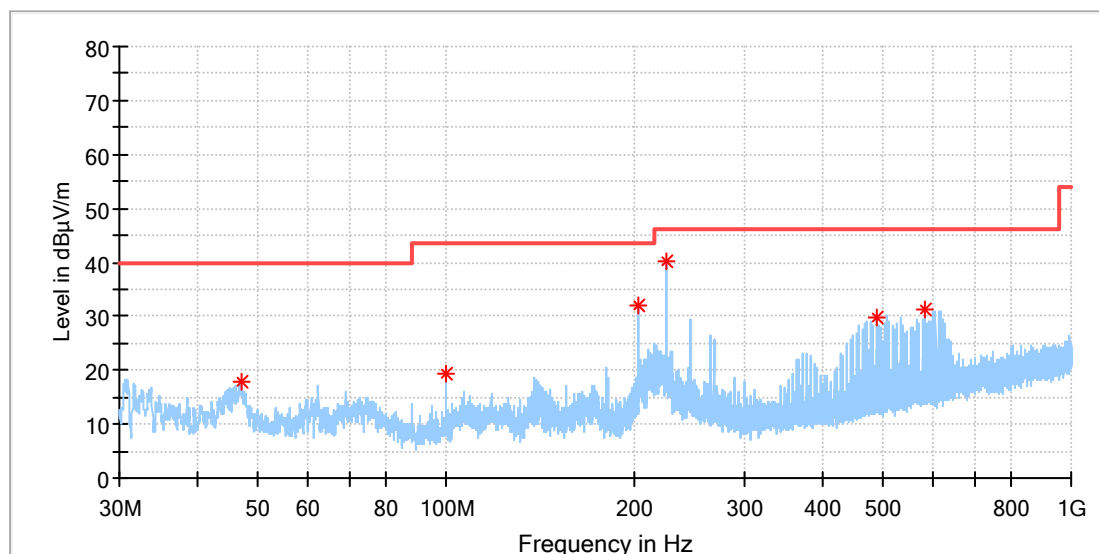
Note:

- 1) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	BLE 1M_Mid Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical Freqs

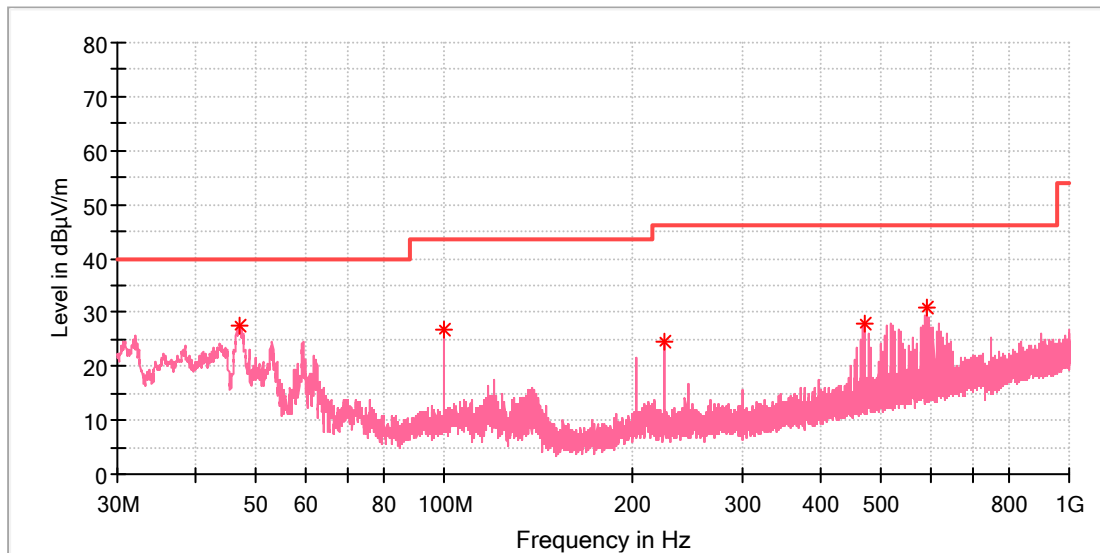
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.937692	17.79	40.00	22.21	100.0	H	37.0	-18.8
99.989231	19.29	43.50	24.21	100.0	H	170.0	-19.3
203.592692	32.12	43.50	11.38	100.0	H	301.0	-19.3
225.007308	40.22	46.00	5.78	100.0	H	257.0	-18.7
487.504231	29.82	46.00	16.18	100.0	H	233.0	-12.4
582.526923	31.31	46.00	14.69	100.0	H	276.0	-10.5

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: BLE 1M_Mid Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.124231	27.48	40.00	12.52	100.0	V	100.0	-18.8
99.989231	26.62	43.50	16.88	100.0	V	22.0	-19.3
224.970000	24.37	46.00	21.63	100.0	V	207.0	-18.7
472.506539	27.88	46.00	18.12	100.0	V	65.0	-12.8
592.525385	30.98	46.00	15.02	100.0	V	0.0	-10.4

Final Result

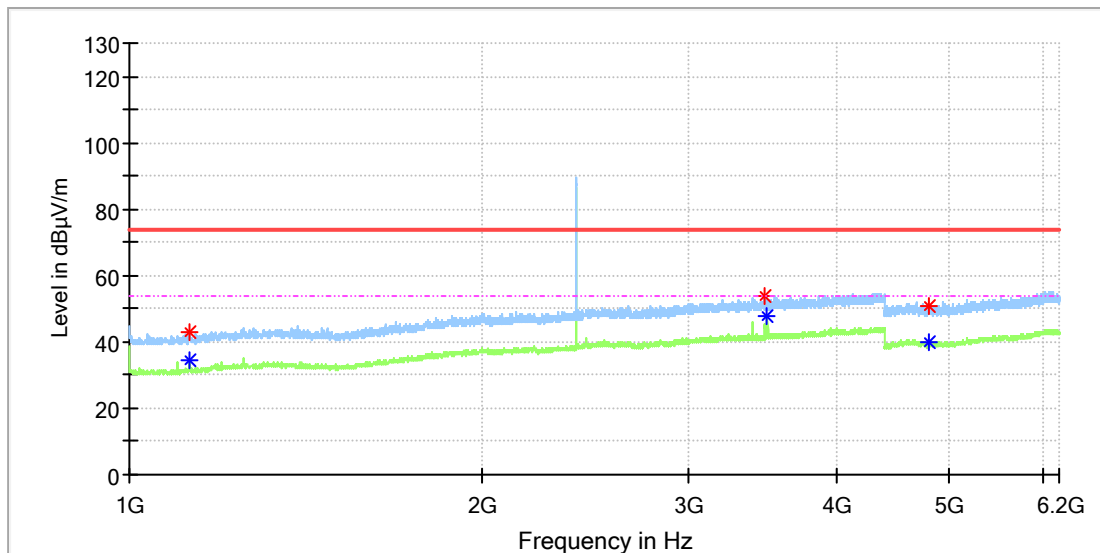
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	BLE 1M_Low Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

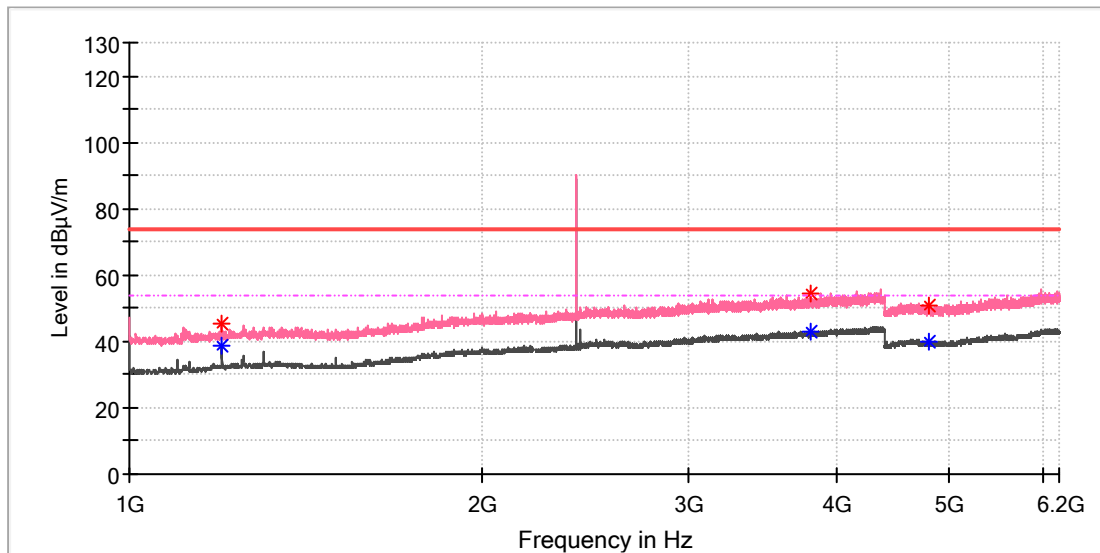
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1125.000000	42.72	---	74.00	31.28	150.0	H	85.0	0.3
1125.000000	---	34.59	54.00	19.41	150.0	H	85.0	0.3
3477.500000	53.88	---	74.00	20.12	150.0	H	194.0	8.9
3498.500000	---	47.59	54.00	6.41	150.0	H	85.0	9.0
4804.000000	---	39.98	54.00	14.02	150.0	H	337.0	11.8
4807.000000	51.04	---	74.00	22.96	150.0	H	282.0	11.8

Final_Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 1M_Low Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

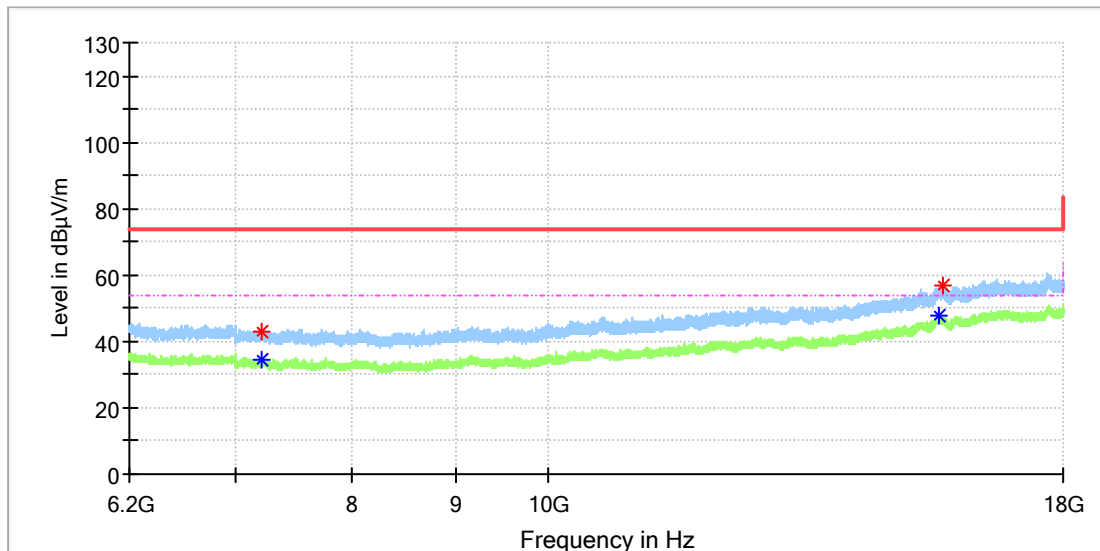
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	45.06	---	74.00	28.94	150.0	V	274.0	1.1
1199.500000	---	38.45	54.00	15.55	150.0	V	274.0	1.1
3800.500000	---	43.17	54.00	10.83	150.0	V	115.0	9.8
3812.500000	54.66	---	74.00	19.34	150.0	V	45.0	9.8
4799.500000	50.89	---	74.00	23.11	150.0	V	223.0	11.8
4807.000000	---	39.81	54.00	14.19	150.0	V	84.0	11.8

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 1M_Low Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

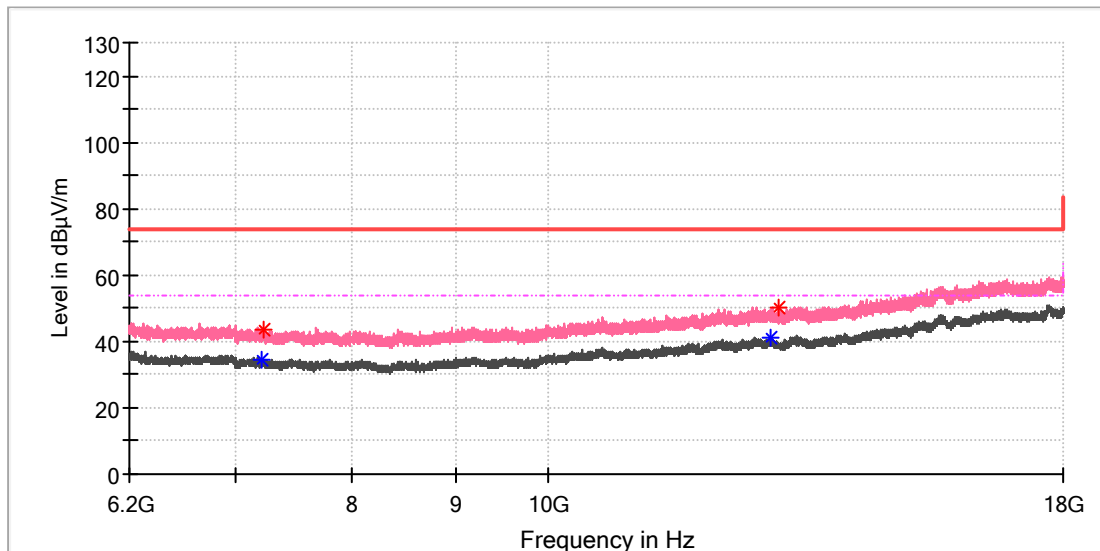
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7202.016667	---	34.59	54.00	19.41	150.0	H	22.0	8.8
7202.508333	42.79	---	74.00	31.21	150.0	H	10.0	8.8
15606.075000	---	47.57	54.00	6.43	150.0	H	181.0	18.7
15708.833333	57.10	---	74.00	16.90	150.0	H	22.0	19.1

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 1M_Low Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

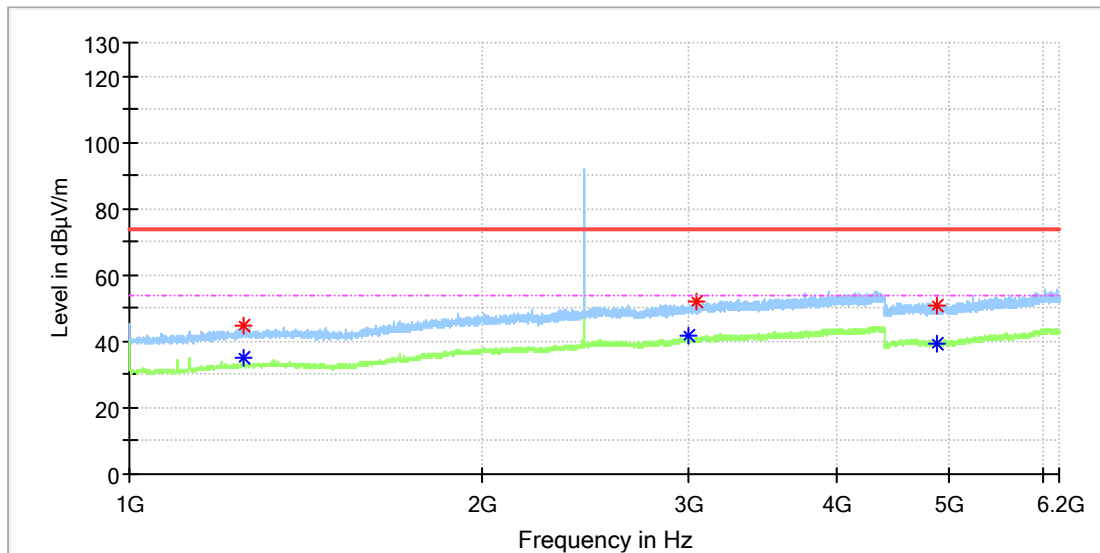
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7215.783333	---	34.75	54.00	19.25	150.0	V	280.0	8.7
7234.958333	43.76	---	74.00	30.24	150.0	V	61.0	8.6
12880.275000	---	41.07	54.00	12.93	150.0	V	244.0	15.4
13016.466667	50.14	---	74.00	23.86	150.0	V	34.0	15.4

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: BLE 1M_Mid Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

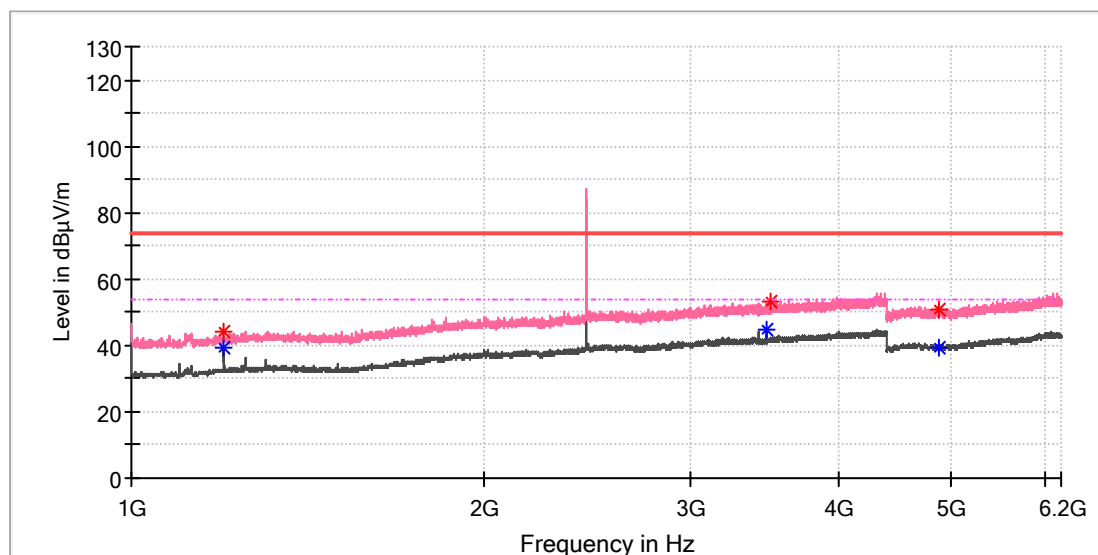
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1250.000000	---	35.08	54.00	18.92	150.0	H	139.0	1.9
1250.000000	44.82	---	74.00	29.18	150.0	H	139.0	1.9
2993.500000	---	41.55	54.00	12.45	150.0	H	276.0	8.5
3046.000000	52.24	---	74.00	21.76	150.0	H	45.0	8.6
4880.000000	---	39.25	54.00	14.75	150.0	H	242.0	11.8
4882.000000	50.80	---	74.00	23.20	150.0	H	199.0	11.8

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	BLE 1M_Mid Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical Freqs

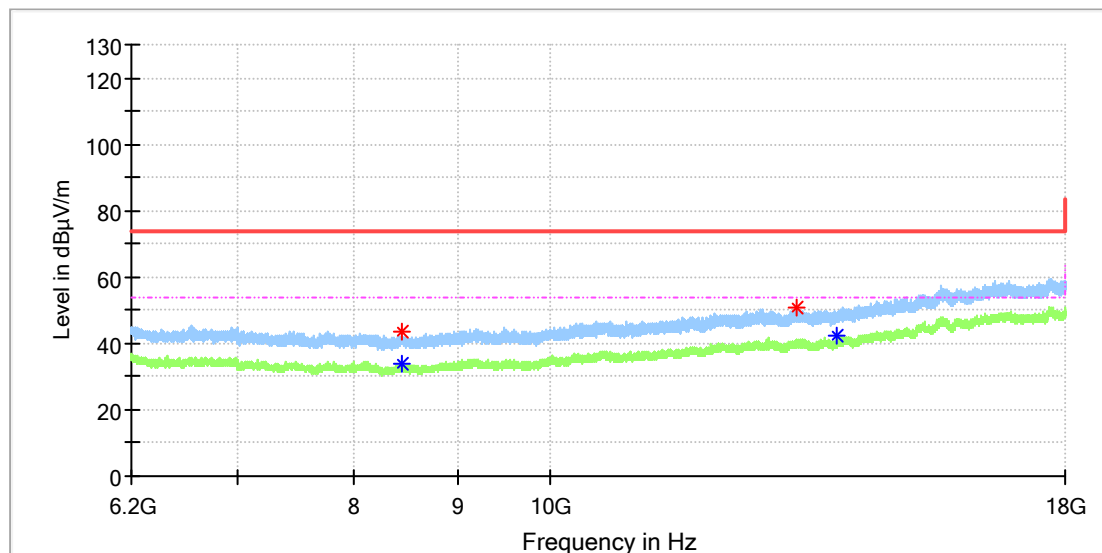
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.39	---	74.00	29.61	150.0	V	0.0	1.1
1200.000000	---	39.25	54.00	14.75	150.0	V	0.0	1.1
3473.500000	---	44.72	54.00	9.28	150.0	V	332.0	8.9
3501.500000	53.32	---	74.00	20.68	150.0	V	269.0	9.0
4882.500000	---	39.54	54.00	14.46	150.0	V	161.0	11.8
4884.500000	50.99	---	74.00	23.01	150.0	V	315.0	11.8

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 1M_Mid Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

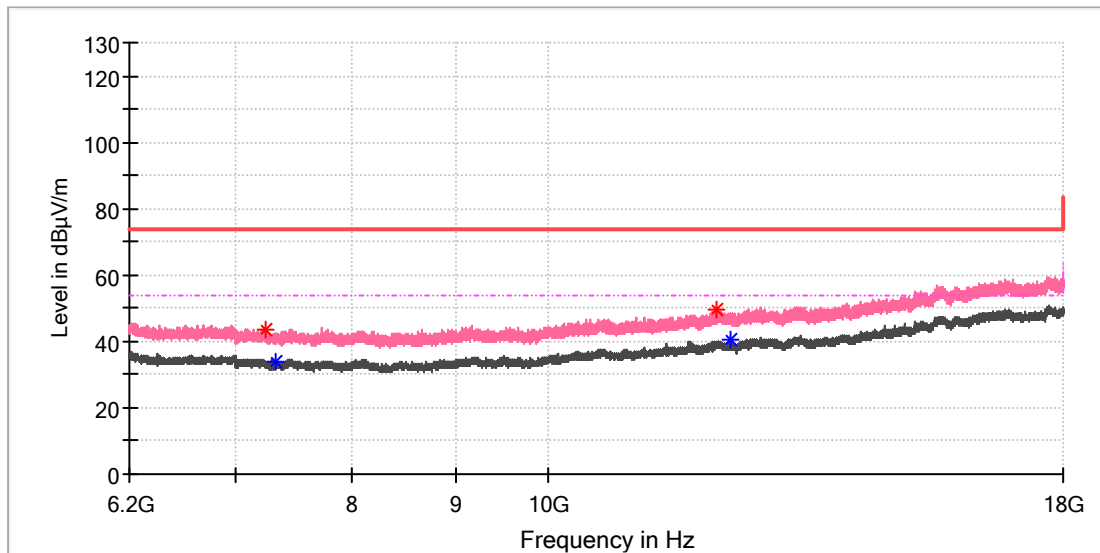
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8438.066667	43.25	---	74.00	30.75	150.0	H	181.0	9.3
8442.983333	---	34.09	54.00	19.91	150.0	H	325.0	9.2
13242.141667	51.03	---	74.00	22.97	150.0	H	121.0	15.5
13880.816667	---	42.43	54.00	11.57	150.0	H	19.0	15.6

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:	BLE 1M_Mid Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical Freqs

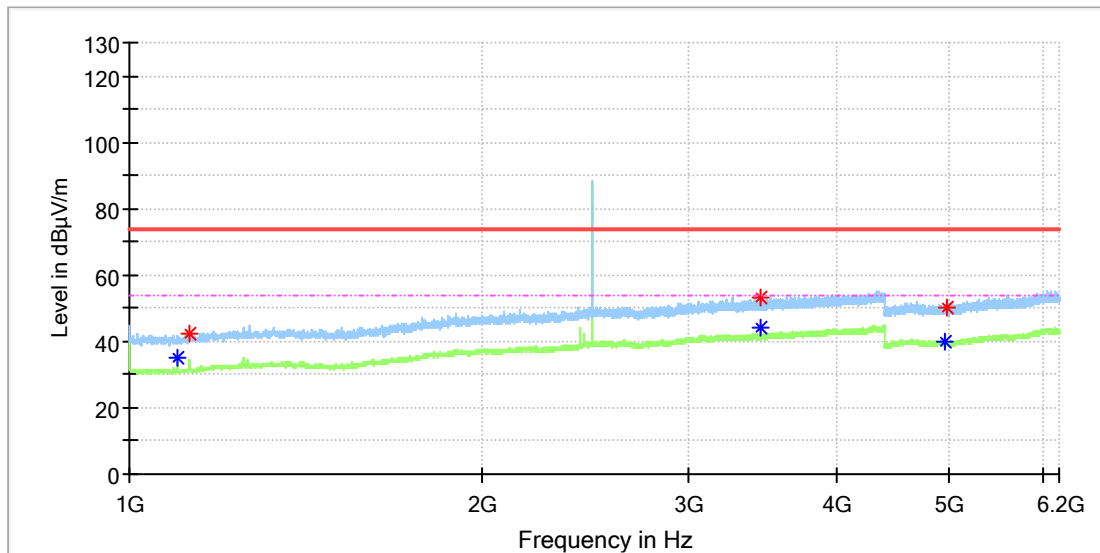
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7245.283333	43.51	---	74.00	30.49	150.0	V	130.0	8.6
7321.000000	---	33.76	54.00	20.24	150.0	V	69.0	8.2
12106.391667	49.83	---	74.00	24.17	150.0	V	20.0	14.2
12319.775000	---	40.48	54.00	13.52	150.0	V	69.0	14.9

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 1M_High Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

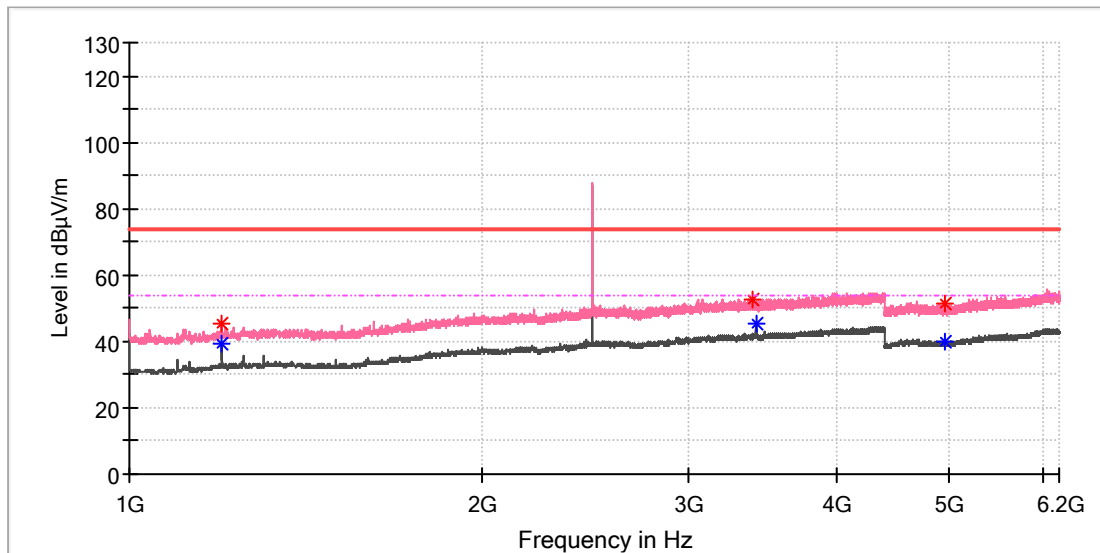
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1100.000000	---	34.91	54.00	19.09	150.0	H	20.0	-0.2
1125.000000	42.52	---	74.00	31.48	150.0	H	88.0	0.3
3451.000000	52.96	---	74.00	21.04	150.0	H	346.0	8.8
3451.000000	---	44.39	54.00	9.61	150.0	H	346.0	8.8
4955.500000	---	40.21	54.00	13.79	150.0	H	229.0	11.8
4966.000000	50.34	---	74.00	23.66	150.0	H	274.0	11.8

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 1M_High Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

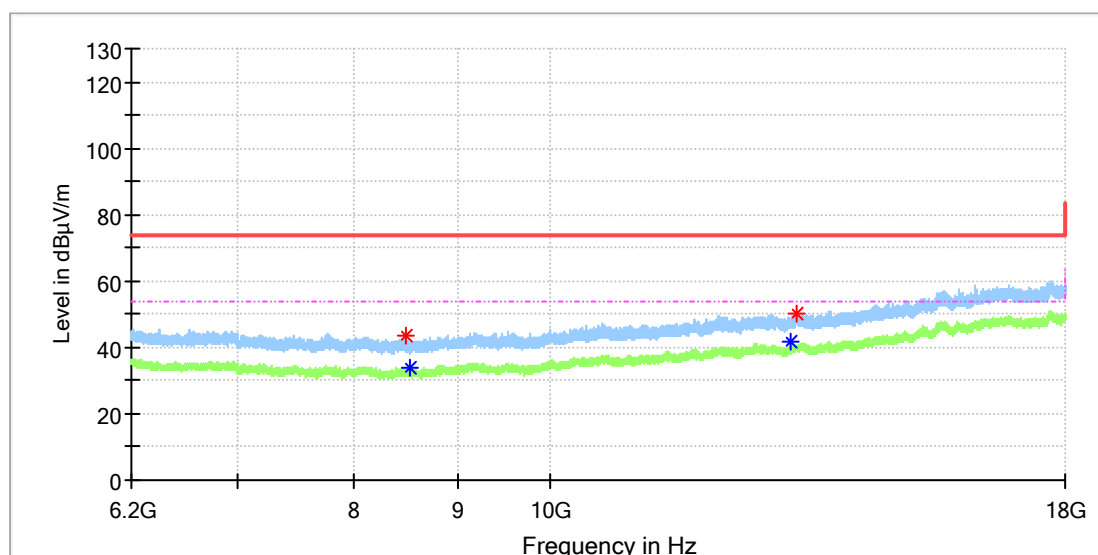
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	45.25	---	74.00	28.75	150.0	V	199.0	1.1
1200.000000	---	39.05	54.00	14.95	150.0	V	199.0	1.1
3399.500000	52.68	---	74.00	21.32	150.0	V	82.0	8.7
3417.500000	---	45.44	54.00	8.56	150.0	V	43.0	8.7
4952.500000	---	39.86	54.00	14.14	150.0	V	171.0	11.8
4962.000000	51.48	---	74.00	22.52	150.0	V	321.0	11.8

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 1M_High Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

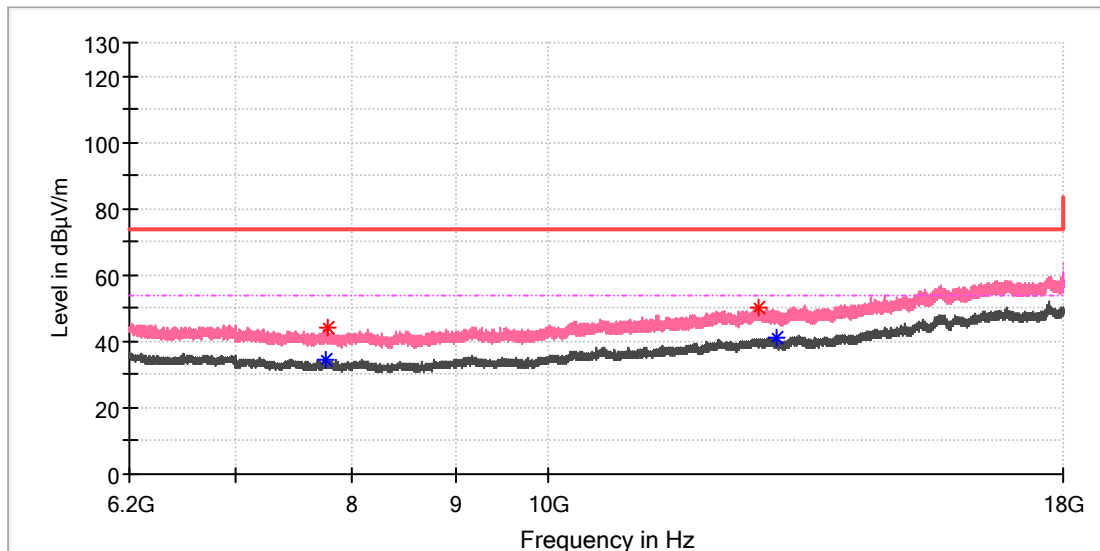
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8489.691667	43.27	---	74.00	30.73	150.0	H	326.0	8.9
8530.008333	---	33.75	54.00	20.25	150.0	H	354.0	8.8
13171.833333	---	41.81	54.00	12.19	150.0	H	0.0	15.4
13248.533333	50.23	---	74.00	23.77	150.0	H	35.0	15.5

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 1M_High Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
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)
7766.450000	---	34.73	54.00	19.27	150.0	V	325.0	8.8
7766.941667	44.27	---	74.00	29.73	150.0	V	350.0	8.8
12715.566667	50.45	---	74.00	23.55	150.0	V	215.0	15.1
12981.558333	---	40.97	54.00	13.03	150.0	V	56.0	15.5

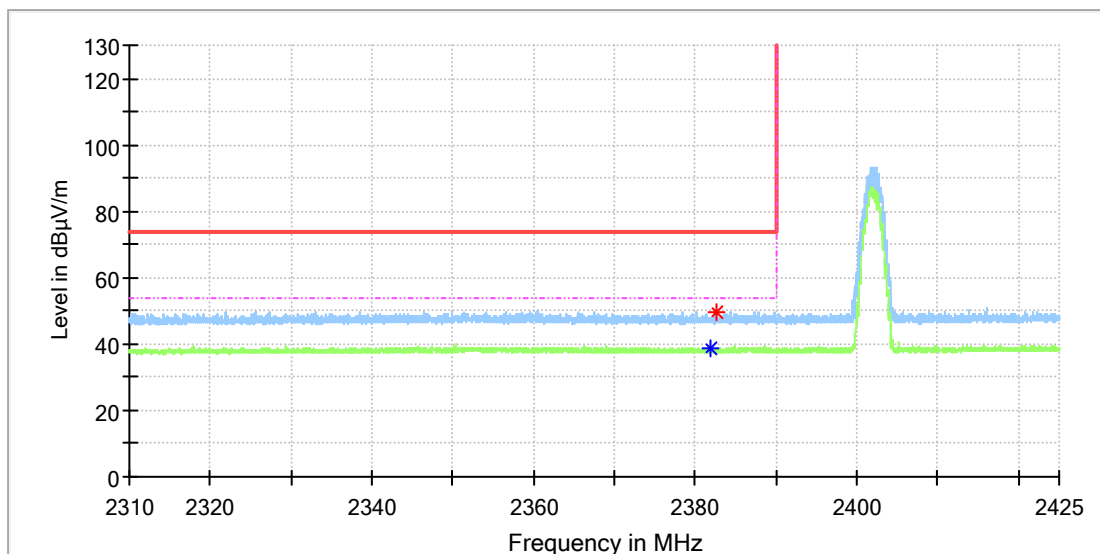
Final Result

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

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	BLE 1M_Low Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

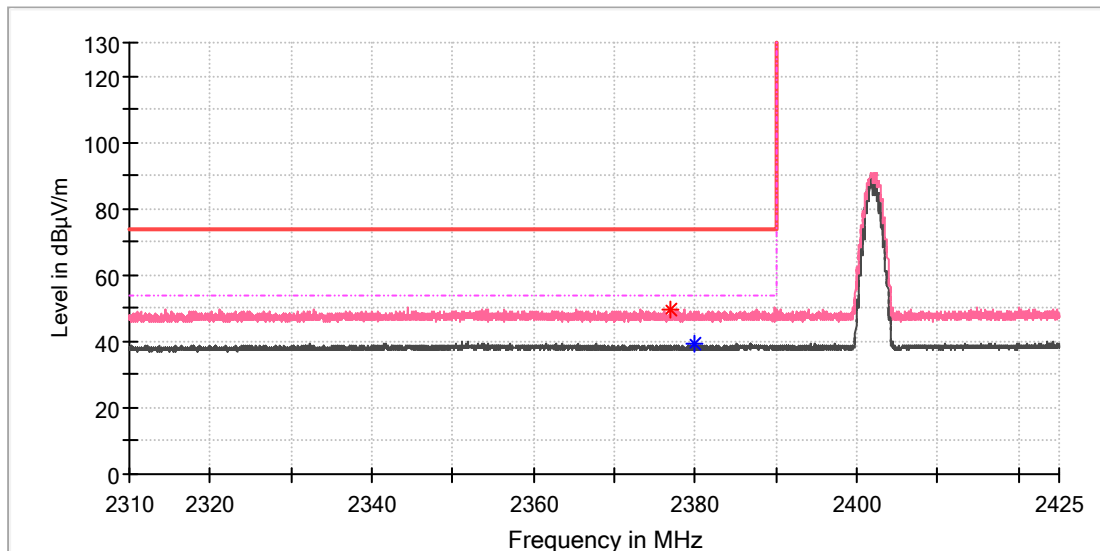
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2381.942647	---	38.90	54.00	15.10	150.0	H	96.0	7.0
2382.568382	49.70	---	74.00	24.30	150.0	H	1.0	7.0

Final_Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	BLE 1M_Low Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical Freqs

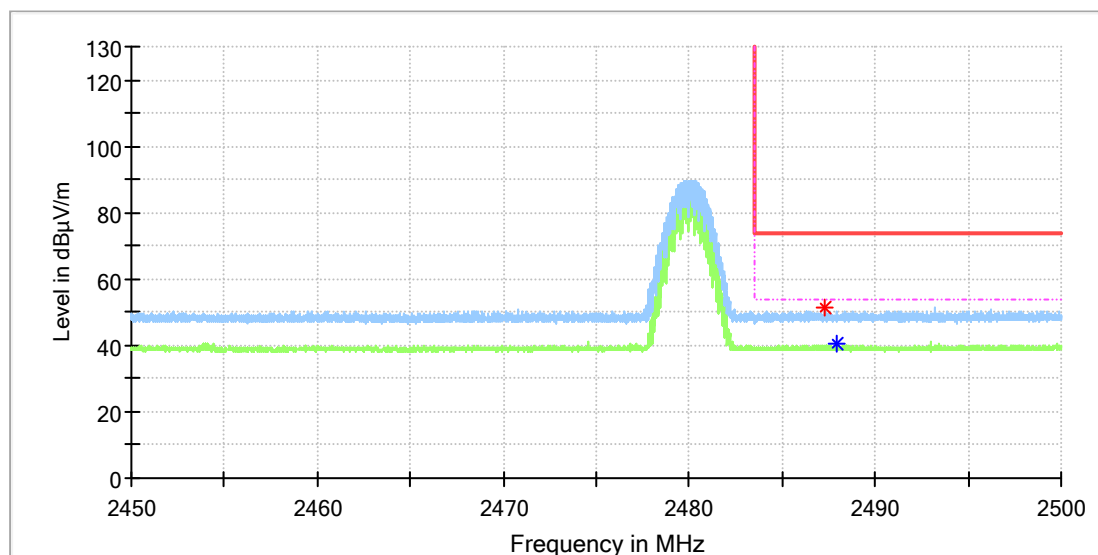
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2376.902941	49.85	---	74.00	24.15	150.0	V	248.0	6.9
2379.980882	---	39.52	54.00	14.48	150.0	V	343.0	7.0

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	BLE 1M_High Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical Freqs

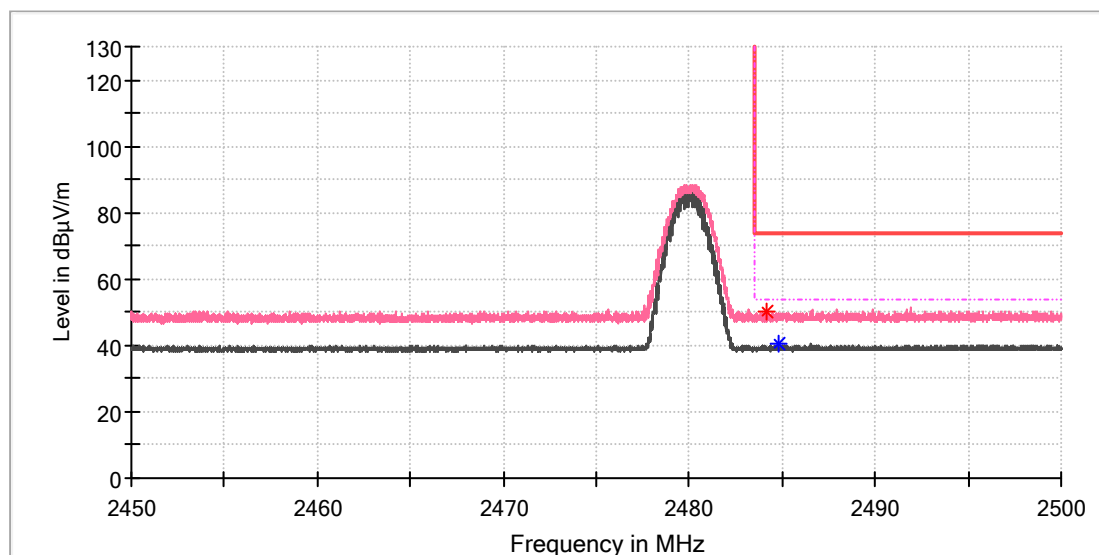
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.323529	51.21	---	74.00	22.79	150.0	H	276.0	7.4
2487.970588	---	40.34	54.00	13.66	150.0	H	156.0	7.4

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:	BLE 1M_High Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical Freqs

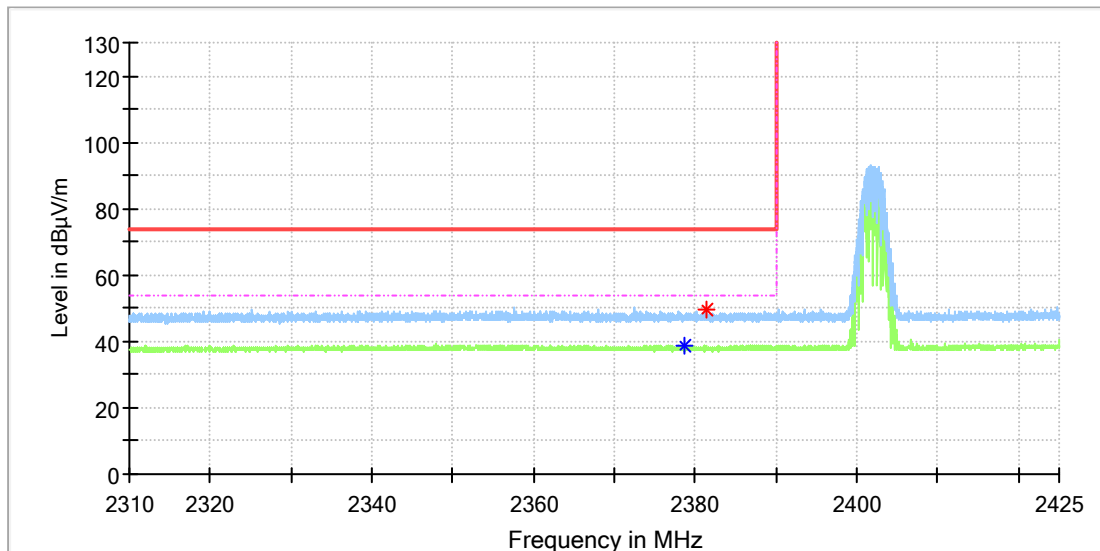
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.139706	50.41	---	74.00	23.59	150.0	V	47.0	7.4
2484.757353	---	40.33	54.00	13.67	150.0	V	41.0	7.4

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: BLE 2M_Low Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

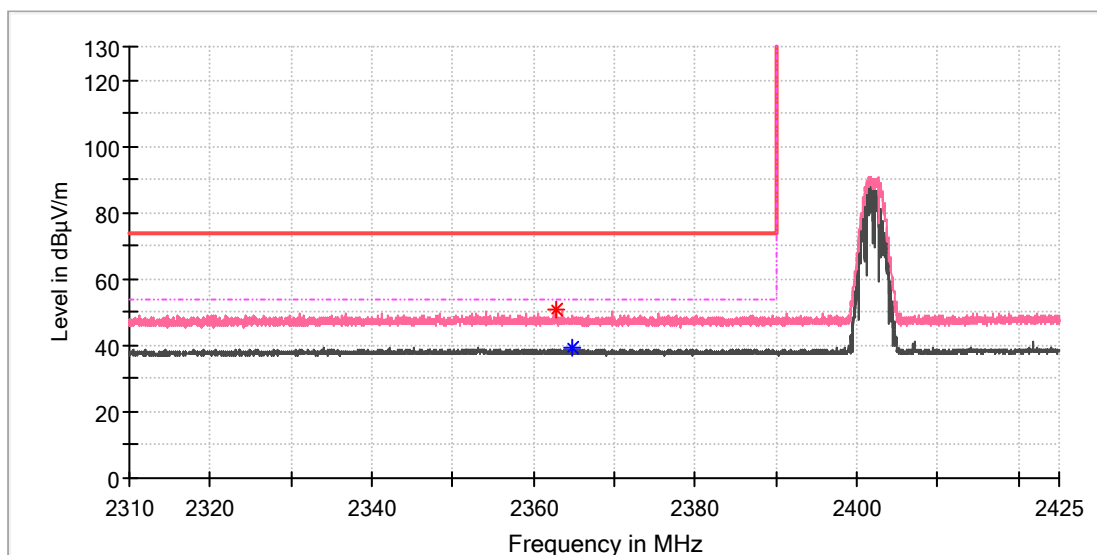
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2378.560294	---	38.75	54.00	15.25	150.0	H	65.0	6.9
2381.300000	49.34	---	74.00	24.66	150.0	H	201.0	7.0

Final Result

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

EUT Information

EUT Name: Drone
Model: L3A
Test Mode: BLE 2M_Low Channel
Order No/Sample No: 168484696/A003743305-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Alano Qu
Reviewed By: Terry Yin



Critical Freqs

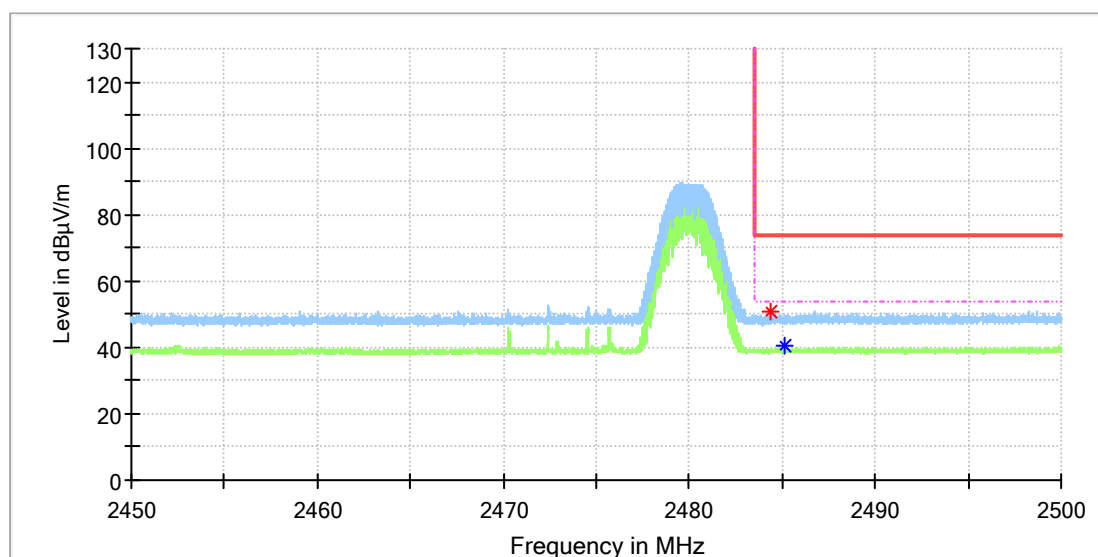
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2362.730882	50.67	---	74.00	23.33	150.0	V	238.0	6.9
2364.861765	---	39.12	54.00	14.88	150.0	V	259.0	6.9

Final Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	BLE 2M_High Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical Freqs

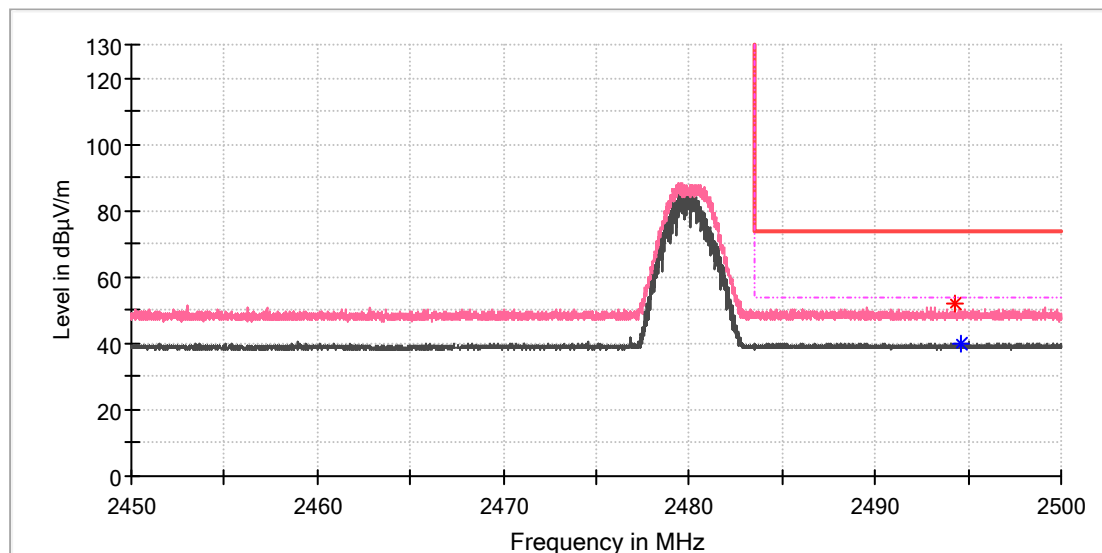
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.345588	51.02	---	74.00	22.98	150.0	H	205.0	7.4
2485.095588	---	40.48	54.00	13.52	150.0	H	289.0	7.4

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:	BLE 2M_High Channel
Order No/Sample No:	168484696/A003743305-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Alano Qu
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)
2494.316177	51.86	---	74.00	22.14	150.0	V	214.0	7.4
2494.617647	---	40.01	54.00	13.99	150.0	V	252.0	7.4

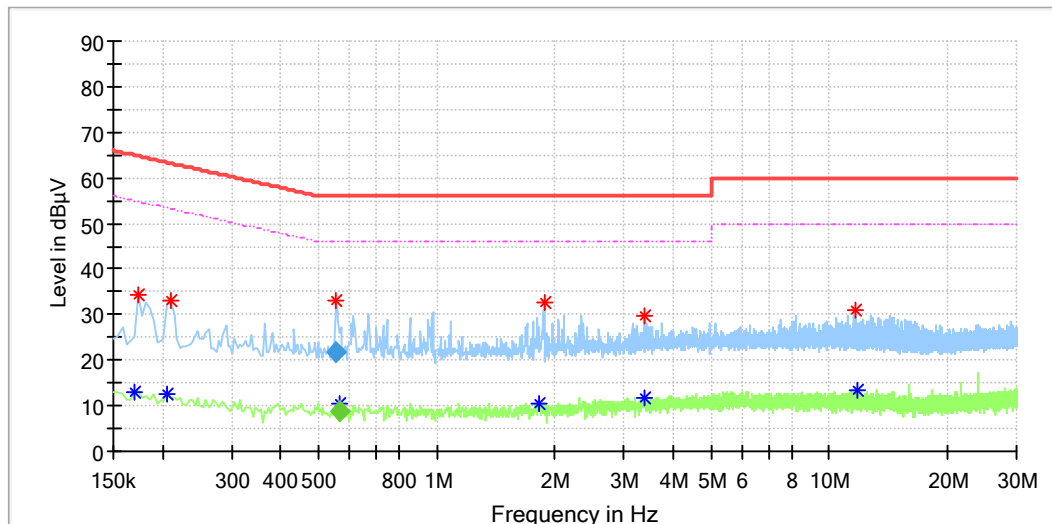
Final Result

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

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

EUT Information

EUT Name: Drone
Order Number: 168484696
Model: L3A
Test Mode: BT 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

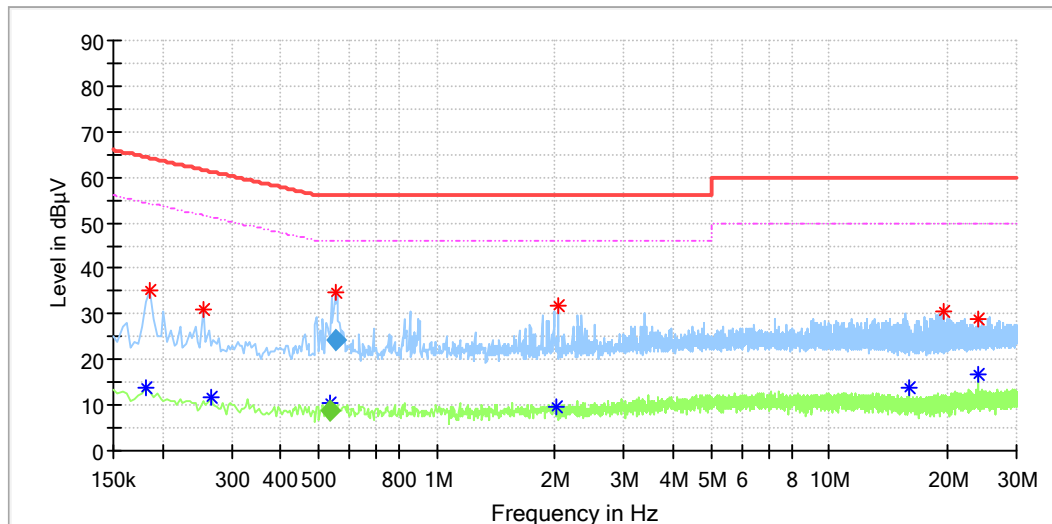
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.170000	---	12.93	54.96	42.03	L1	9.9
0.174000	34.28	---	64.77	30.49	L1	9.9
0.206000	---	12.77	53.37	40.60	L1	9.9
0.210000	33.26	---	63.21	29.95	L1	9.9
0.553500	32.97	---	56.00	23.03	L1	10.0
0.565500	---	10.51	46.00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