

Appendix C: Test Results of 2.4GHz Wi-Fi

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

SISO mode (Worst case_ANT0)

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-2.57	≤8.00	PASS
		2437	-2.71	≤8.00	PASS
		2462	-3.08	≤8.00	PASS
11G	Ant0	2412	-5.47	≤8.00	PASS
		2437	-5.46	≤8.00	PASS
		2462	-6.04	≤8.00	PASS
11N20SISO	Ant0	2412	-5.70	≤8.00	PASS
		2437	-6.02	≤8.00	PASS
		2462	-5.45	≤8.00	PASS
11N40SISO	Ant0	2422	-8.78	≤8.00	PASS
		2437	-9.27	≤8.00	PASS
		2452	-9.25	≤8.00	PASS
11AX20SISO	Ant0	2412	-6.25	≤8.00	PASS
		2437	-6.85	≤8.00	PASS
		2462	-5.37	≤8.00	PASS
11AX40SISO	Ant0	2422	-9.97	≤8.00	PASS
		2437	-10.49	≤8.00	PASS
		2452	-9.74	≤8.00	PASS

11B_Ant0 2412



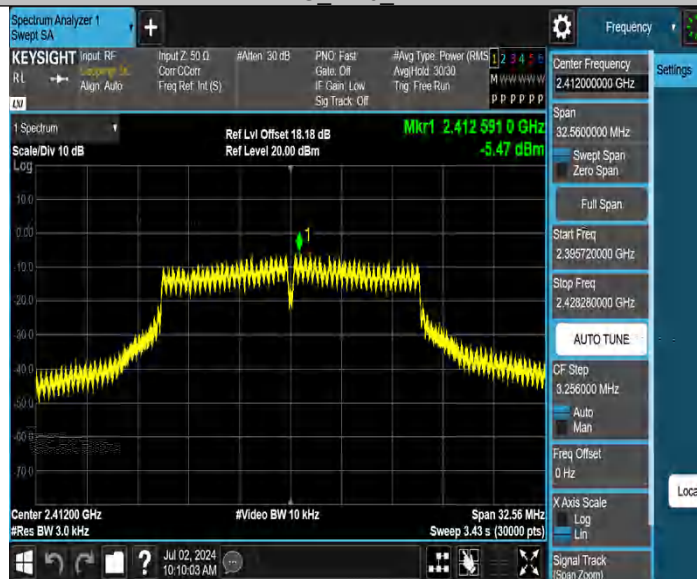
11B_Ant0 2437



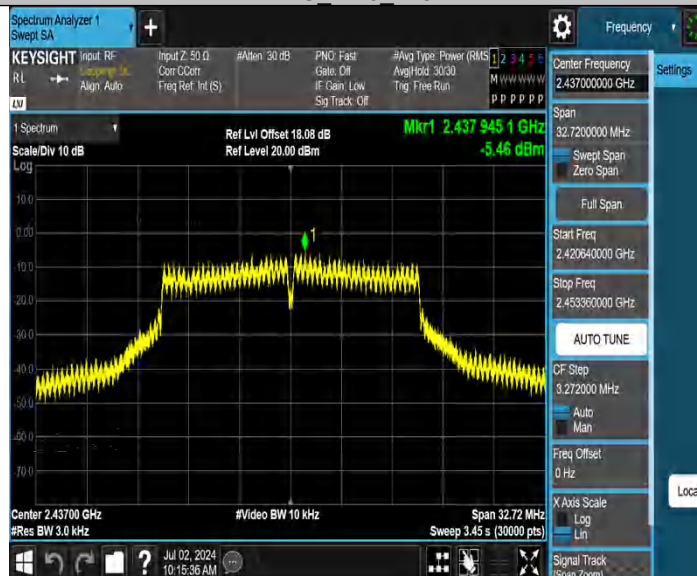
11B_Ant0 2462



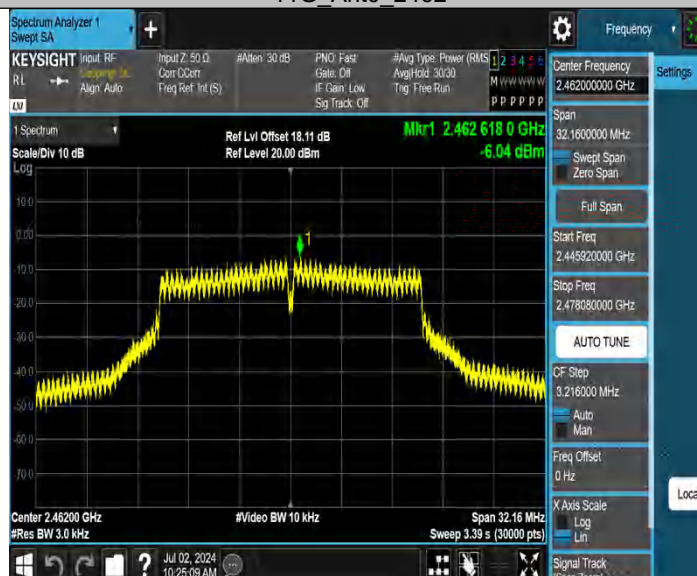
11G_Ant0_2412



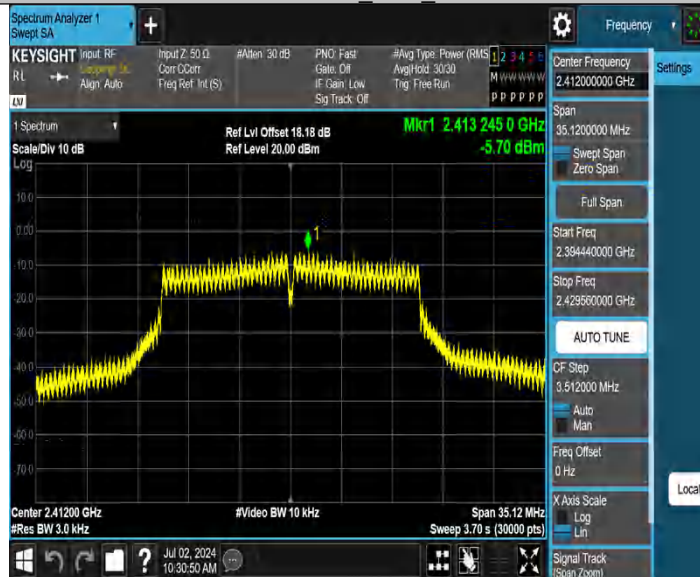
11G_Ant0_2437



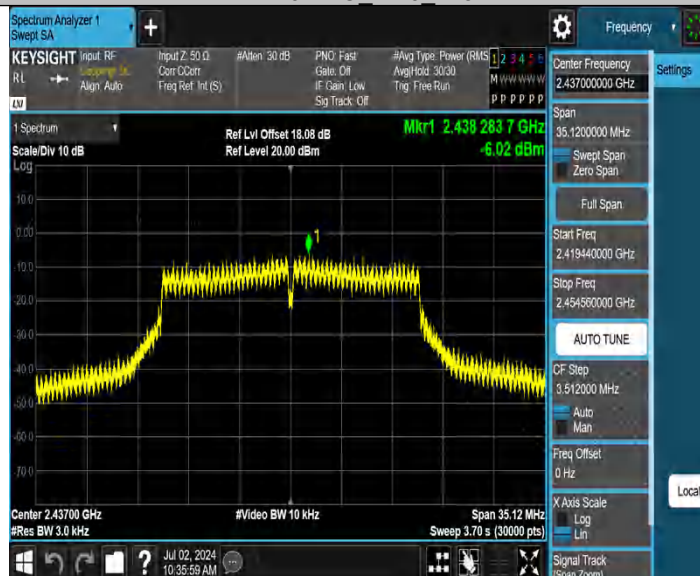
11G_Ant0_2462



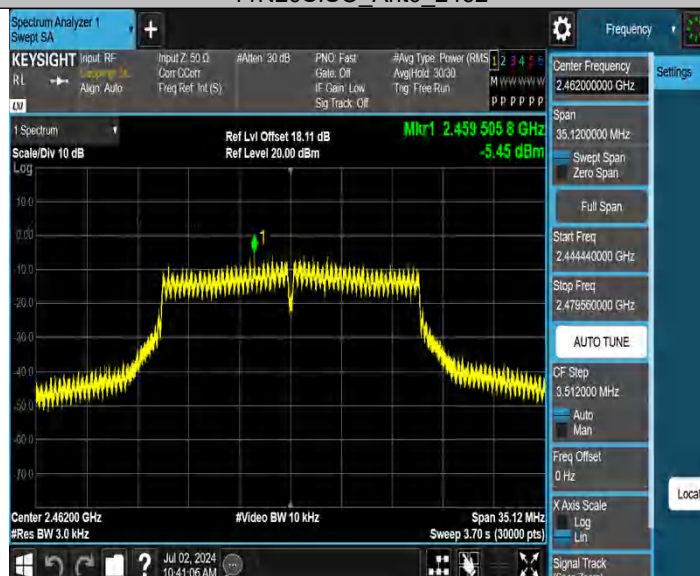
11N20SISO Ant0 2412



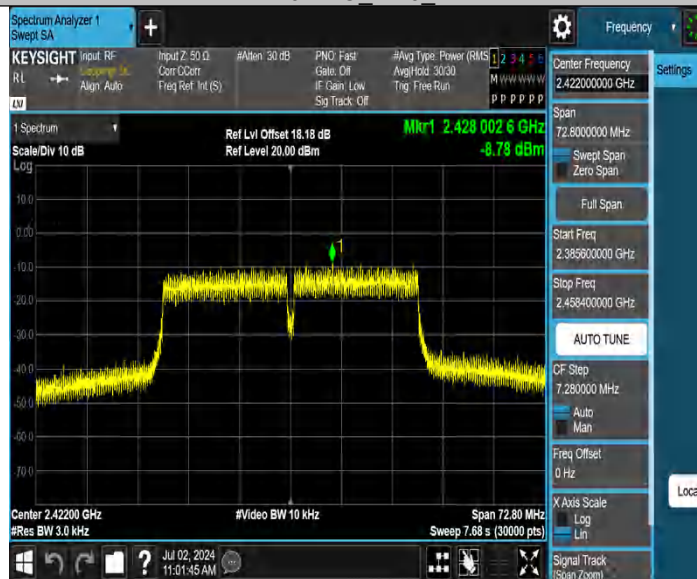
11N20SISO Ant0 2437



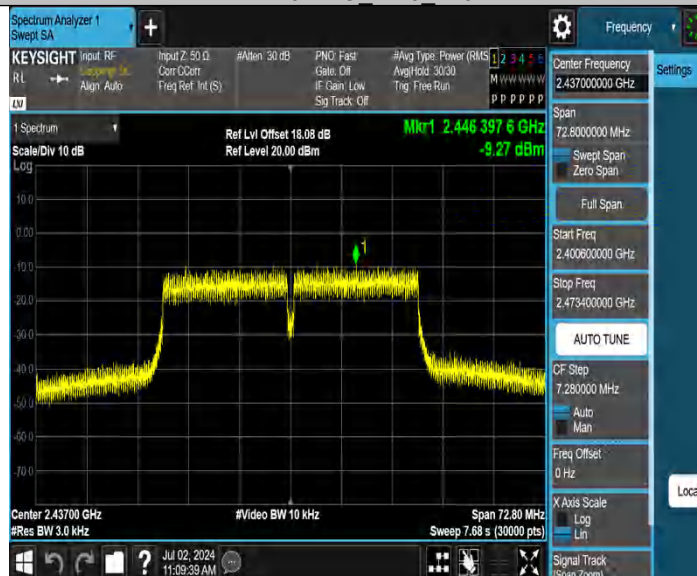
11N20SISO Ant0 2462



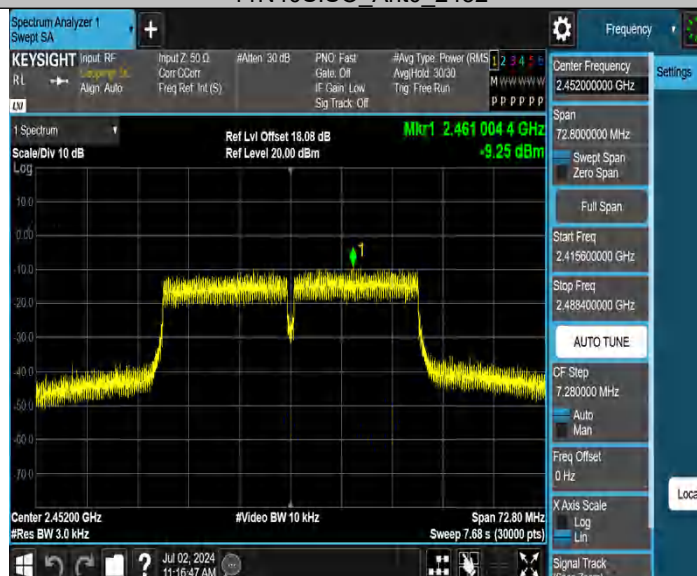
11N40SISO Ant0 2422



11N40SISO Ant0 2437



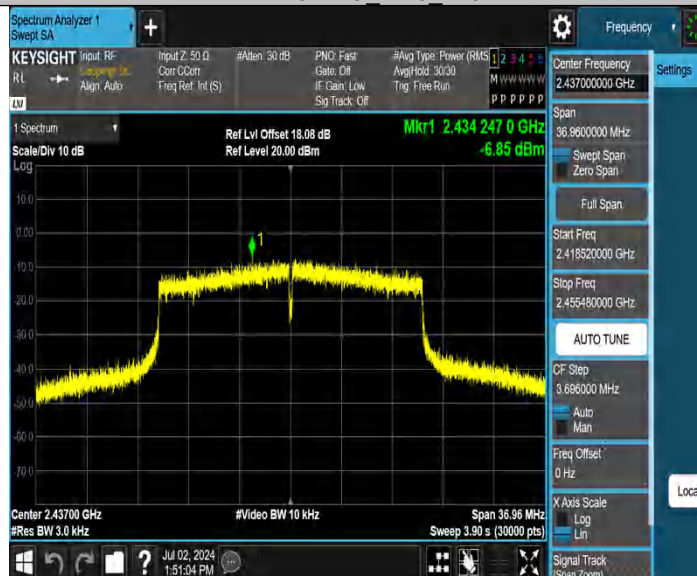
11N40SISO Ant0 2452



11AX20SISO_Ant0_2412



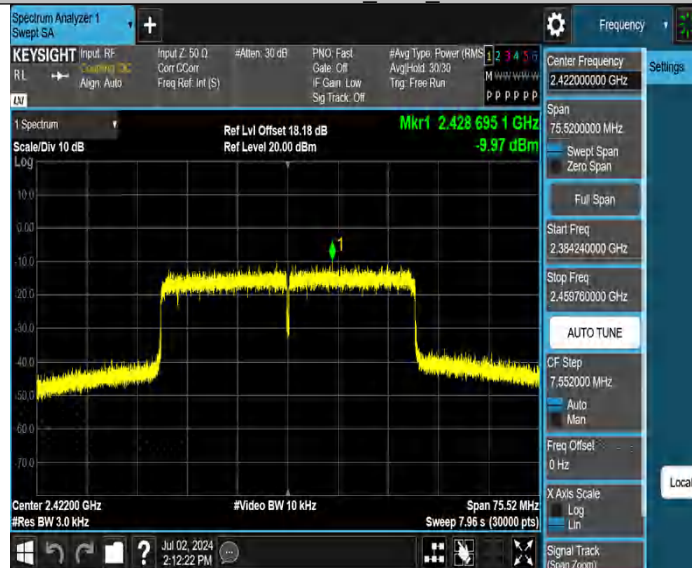
11AX20SISO_Ant0_2437



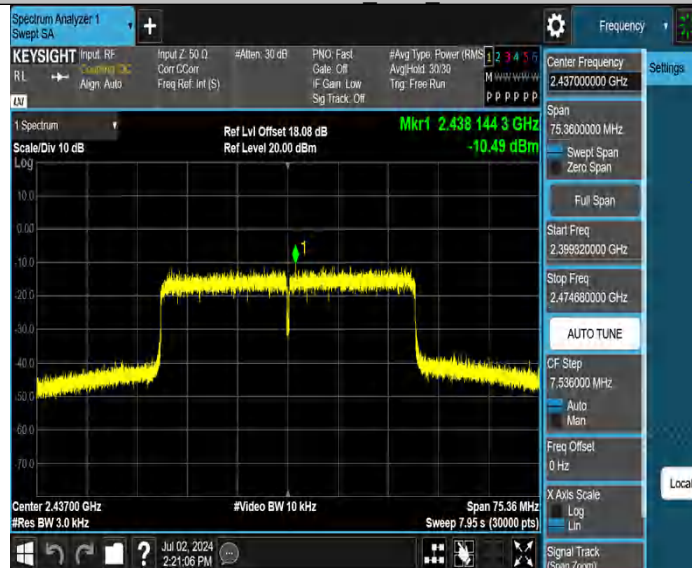
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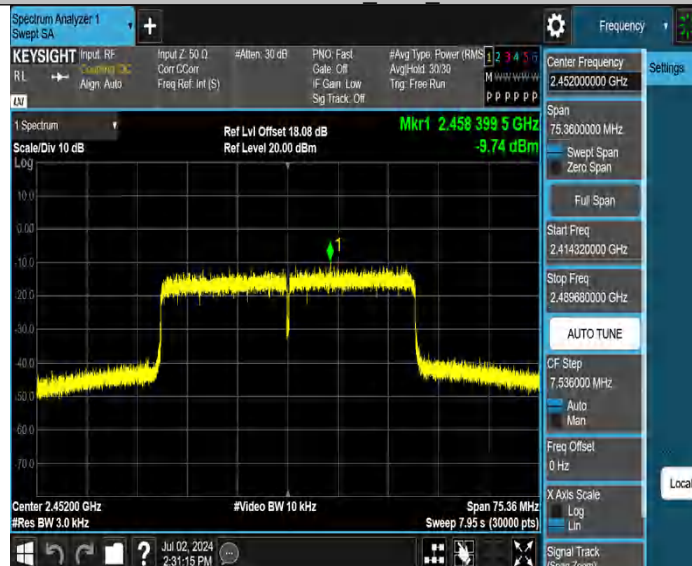
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



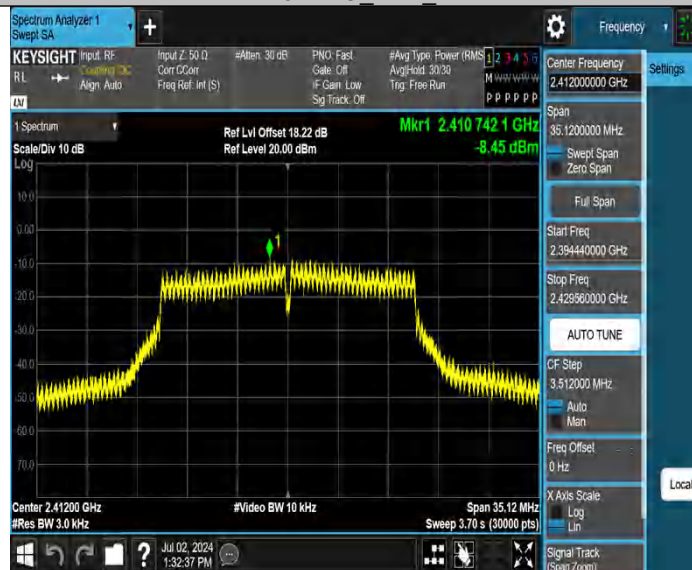
MIMO mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11N20MIMO	Ant0	2412	-7.96	≤8.00	PASS
	Ant1	2412	-8.45	≤8.00	PASS
	total	2412	-5.19	≤8.00	PASS
	Ant0	2437	-6.20	≤8.00	PASS
	Ant1	2437	-8.09	≤8.00	PASS
	total	2437	-4.03	≤8.00	PASS
	Ant0	2462	-9.64	≤8.00	PASS
	Ant1	2462	-7.95	≤8.00	PASS
	total	2462	-5.70	≤8.00	PASS
11N40MIMO	Ant0	2422	-12.56	≤8.00	PASS
	Ant1	2422	-11.37	≤8.00	PASS
	total	2422	-8.91	≤8.00	PASS
	Ant0	2437	-12.74	≤8.00	PASS
	Ant1	2437	-10.76	≤8.00	PASS
	total	2437	-8.63	≤8.00	PASS
	Ant0	2452	-12.48	≤8.00	PASS
	Ant1	2452	-11.09	≤8.00	PASS
	total	2452	-8.72	≤8.00	PASS
11AX20MIMO	Ant0	2412	-10.07	≤8.00	PASS
	Ant1	2412	-9.17	≤8.00	PASS
	total	2412	-6.59	≤8.00	PASS
	Ant0	2437	-9.22	≤8.00	PASS
	Ant1	2437	-8.66	≤8.00	PASS
	total	2437	-5.92	≤8.00	PASS
	Ant0	2462	-9.85	≤8.00	PASS
	Ant1	2462	-8.84	≤8.00	PASS
	total	2462	-6.31	≤8.00	PASS
11AX40MIMO	Ant0	2422	-12.81	≤8.00	PASS
	Ant1	2422	-11.04	≤8.00	PASS
	total	2422	-8.83	≤8.00	PASS
	Ant0	2437	-12.99	≤8.00	PASS
	Ant1	2437	-11.07	≤8.00	PASS
	total	2437	-8.91	≤8.00	PASS
	Ant0	2452	-13.33	≤8.00	PASS
	Ant1	2452	-12.16	≤8.00	PASS
	total	2452	-9.70	≤8.00	PASS

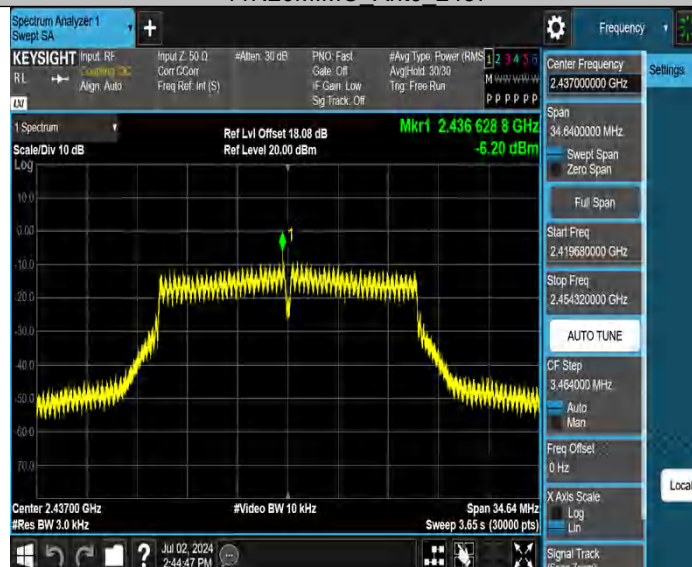
11N20MIMO Ant0 2412



11N20MIMO Ant1 2412



11N20MIMO Ant0 2437



11N20MIMO Ant1 2437



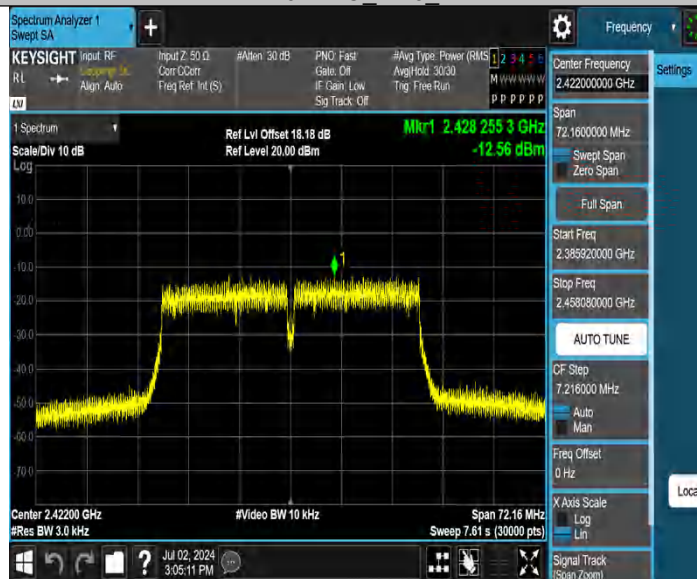
11N20MIMO Ant0 2462



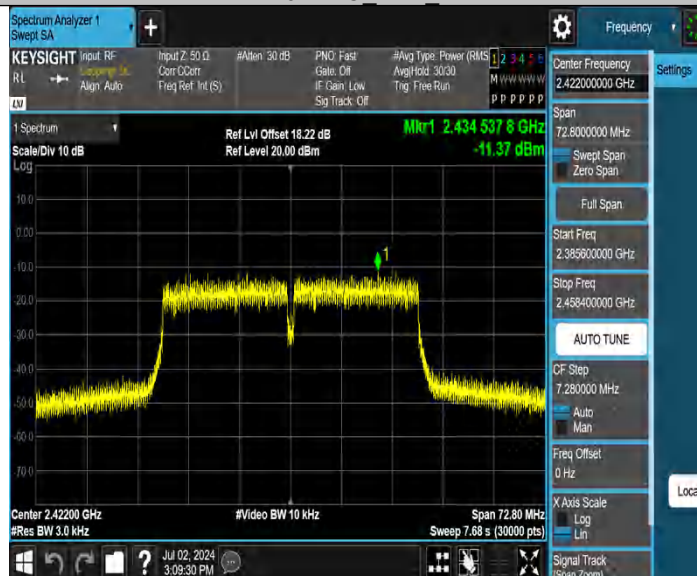
11N20MIMO Ant1 2462



11N40MIMO Ant0 2422



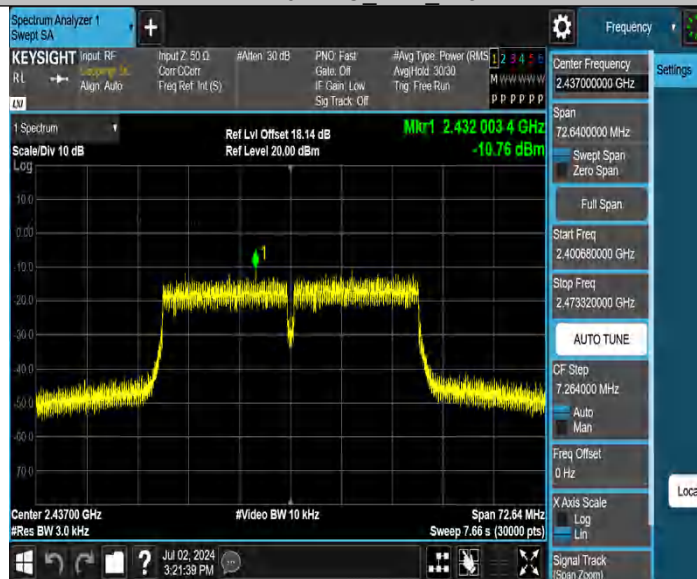
11N40MIMO Ant1 2422



11N40MIMO Ant0 2437



11N40MIMO Ant1 2437



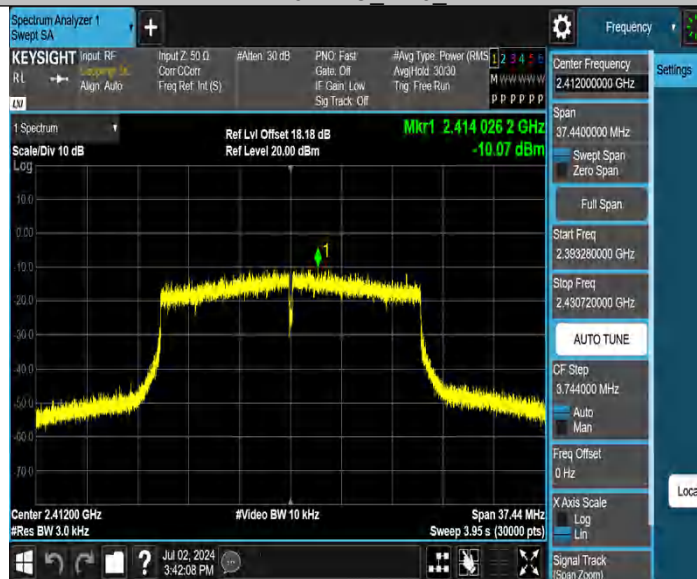
11N40MIMO Ant0 2452



11N40MIMO Ant1 2452



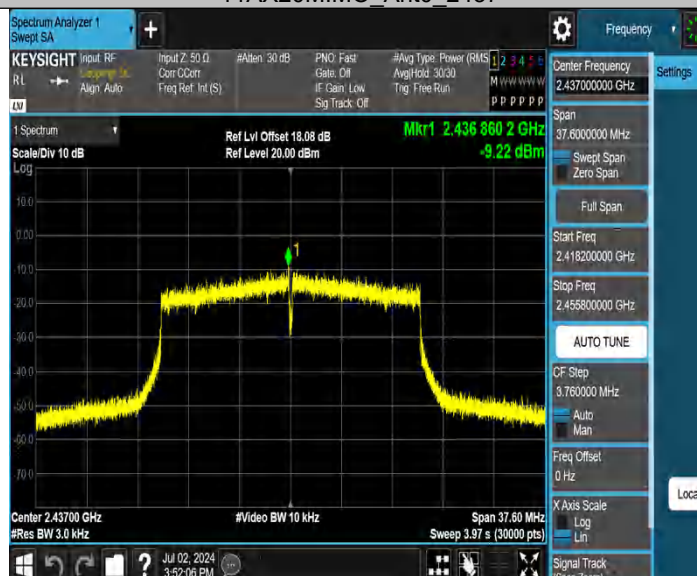
11AX20MIMO_Ant0_2412



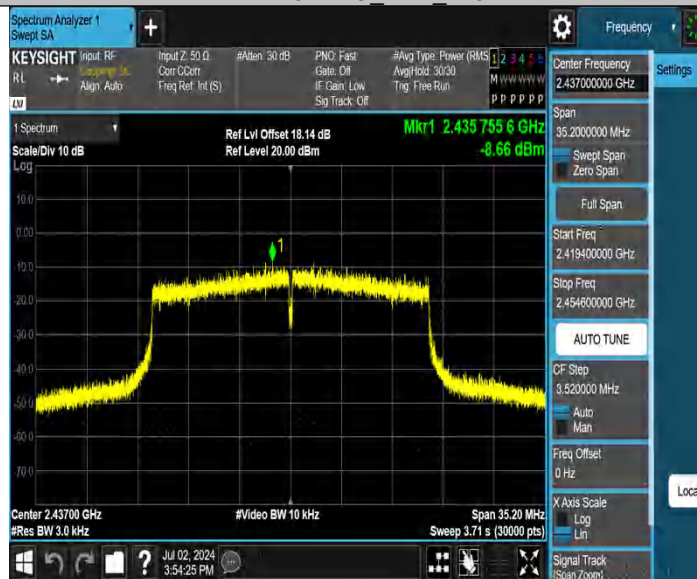
11AX20MIMO_Ant1_2412



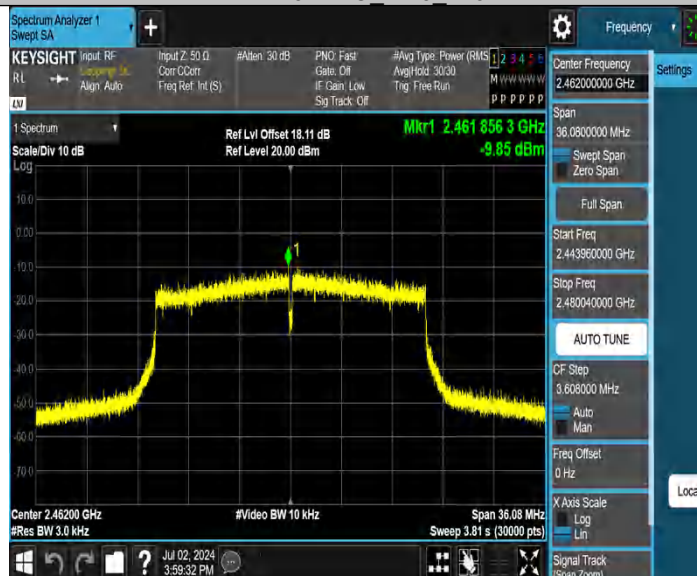
11AX20MIMO_Ant0_2437



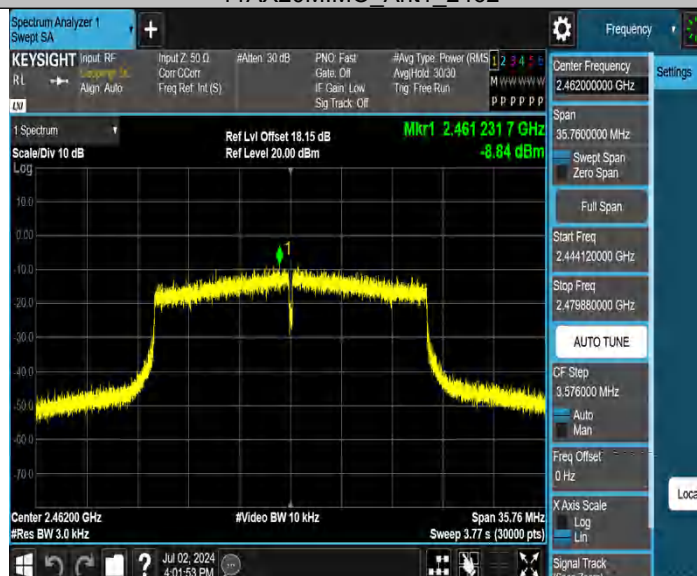
11AX20MIMO_Ant1_2437



11AX20MIMO_Ant0_2462



11AX20MIMO_Ant1_2462



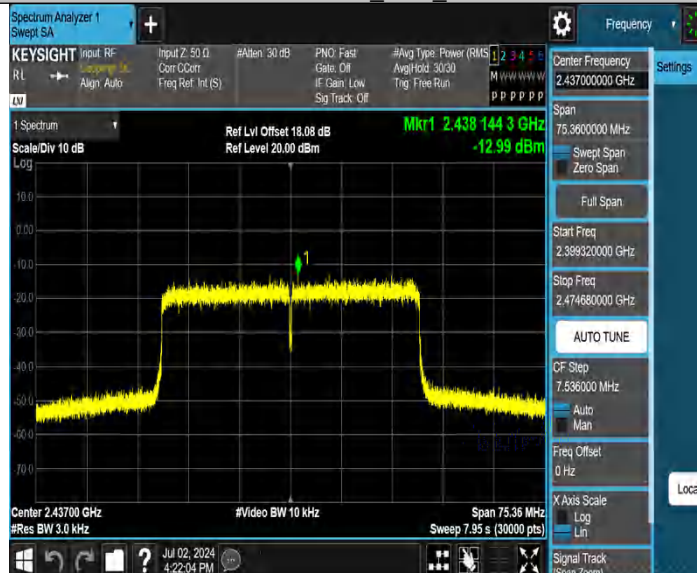
11AX40MIMO_Ant0_2422



11AX40MIMO_Ant1_2422



11AX40MIMO_Ant0_2437



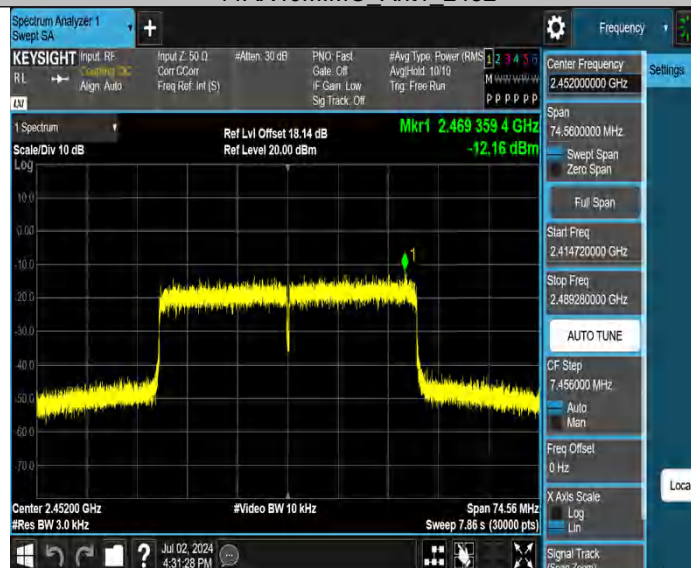
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant0_2452



11AX40MIMO_Ant1_2452



Appendix C.2: Test Results of 6dB Bandwidth

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

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	6.560	2408.960	2415.520	0.5	PASS
		2437	8.040	2432.960	2441.000	0.5	PASS
		2462	8.040	2458.000	2466.040	0.5	PASS
11G	Ant0	2412	16.280	2403.880	2420.160	0.5	PASS
		2437	16.360	2428.840	2445.200	0.5	PASS
		2462	16.080	2454.080	2470.160	0.5	PASS
11N20SISO	Ant0	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant0	2422	36.400	2403.840	2440.240	0.5	PASS
		2437	36.400	2418.840	2455.240	0.5	PASS
		2452	36.400	2433.840	2470.240	0.5	PASS
11AX20SISO	Ant0	2412	18.400	2402.920	2421.320	0.5	PASS
		2437	18.480	2427.920	2446.400	0.5	PASS
		2462	18.640	2452.840	2471.480	0.5	PASS
11AX40SISO	Ant0	2422	37.760	2403.200	2440.960	0.5	PASS
		2437	37.680	2418.200	2455.880	0.5	PASS
		2452	37.680	2433.200	2470.880	0.5	PASS

11B_Ant0 2412



11B_Ant0 2437



11B_Ant0 2462



11G_Ant0_2412



11G_Ant0_2437



11G_Ant0_2462



11N20SISO Ant0 2412



11N20SISO Ant0 2437



11N20SISO Ant0 2462



11N40SISO Ant0 2422



11N40SISO Ant0 2437



11N40SISO Ant0 2452



11AX20SISO_Ant0_2412



11AX20SISO_Ant0_2437



11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

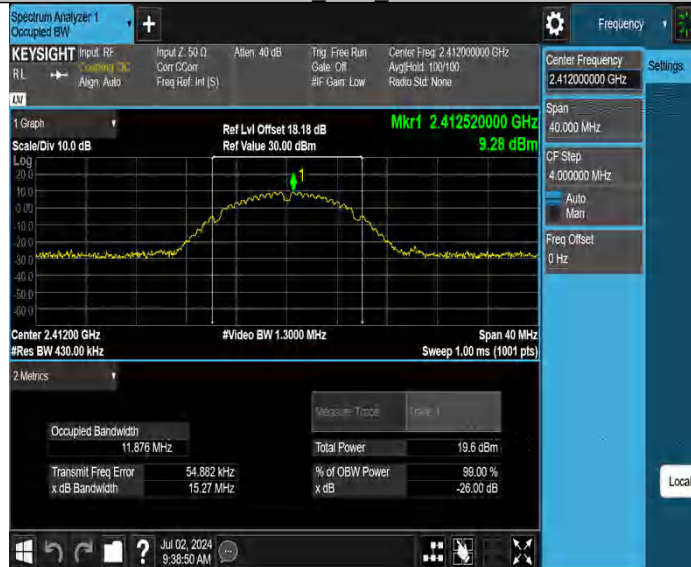


Appendix C.3: Test Results of 99% Bandwidth

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

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	11.876	2406.1169	2417.9929	---	PASS
		2437	12.009	2431.0414	2443.0504	---	PASS
		2462	11.963	2456.0832	2468.0462	---	PASS
11G	Ant0	2412	17.522	2403.4295	2420.9515	---	PASS
		2437	17.645	2428.3626	2446.0076	---	PASS
		2462	17.451	2453.4320	2470.8830	---	PASS
11N20SISO	Ant0	2412	18.462	2402.8850	2421.3470	---	PASS
		2437	18.473	2427.8761	2446.3491	---	PASS
		2462	18.294	2452.9560	2471.2500	---	PASS
11N40SISO	Ant0	2422	37.101	2403.7127	2440.8137	---	PASS
		2437	37.026	2418.6834	2455.7094	---	PASS
		2452	37.060	2433.6950	2470.7550	---	PASS
11AX20SISO	Ant0	2412	19.183	2402.4928	2421.6758	---	PASS
		2437	19.093	2427.4942	2446.5872	---	PASS
		2462	18.998	2452.5794	2471.5774	---	PASS
11AX40SISO	Ant0	2422	37.922	2403.1945	2441.1165	---	PASS
		2437	37.907	2418.1720	2456.0790	---	PASS
		2452	37.987	2433.1646	2471.1516	---	PASS

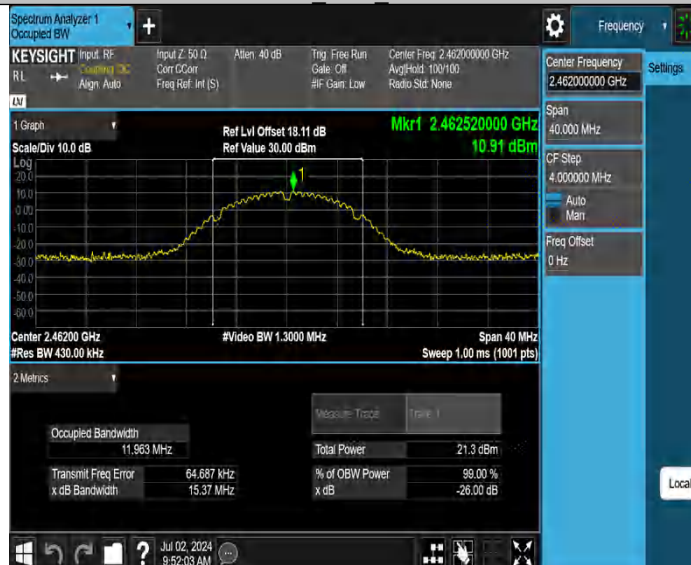
11B_Ant0 2412



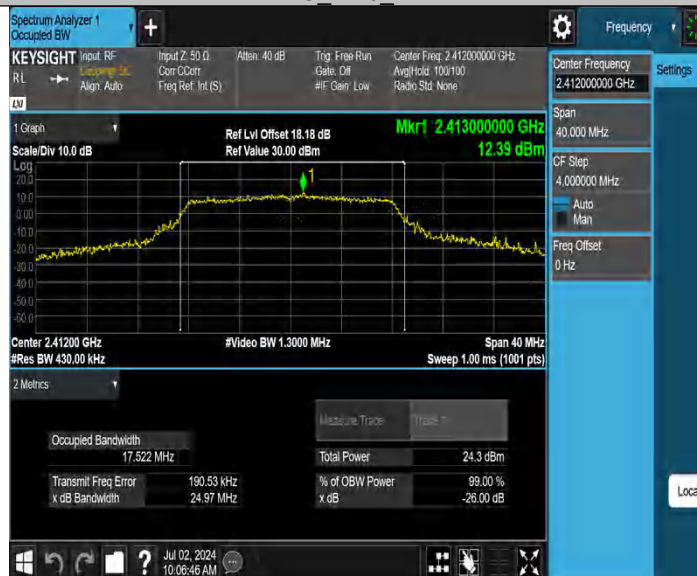
11B_Ant0 2437



11B_Ant0 2462



11G_Ant0_2412



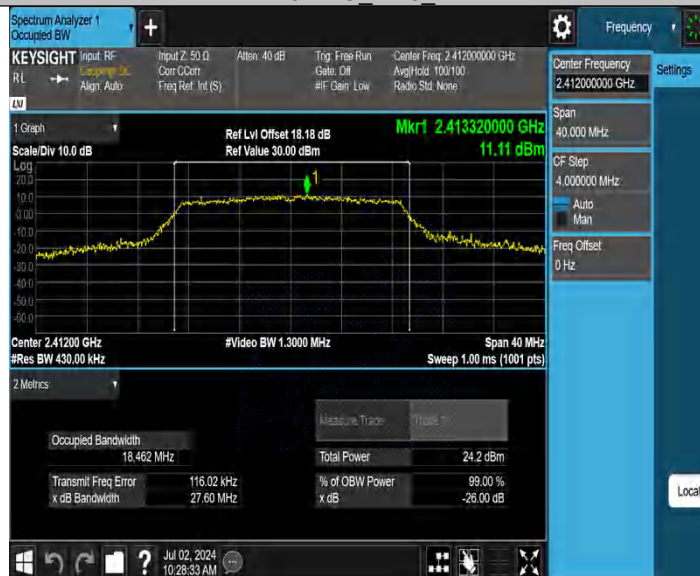
11G_Ant0_2437



11G_Ant0_2462



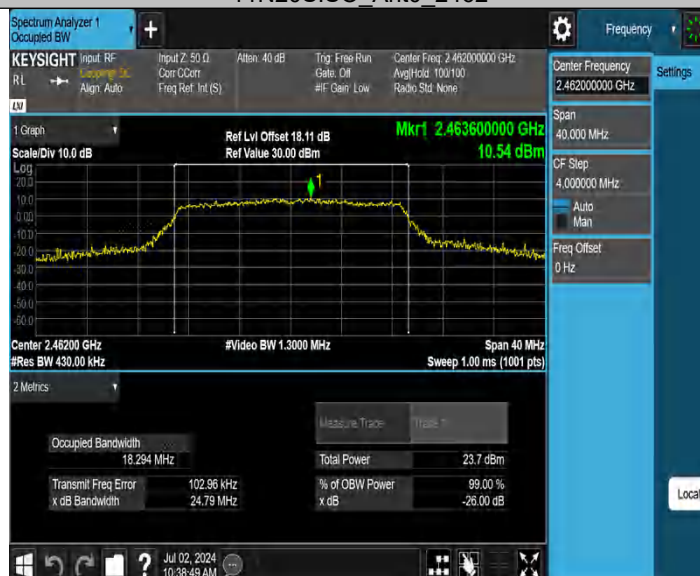
11N20SISO Ant0 2412



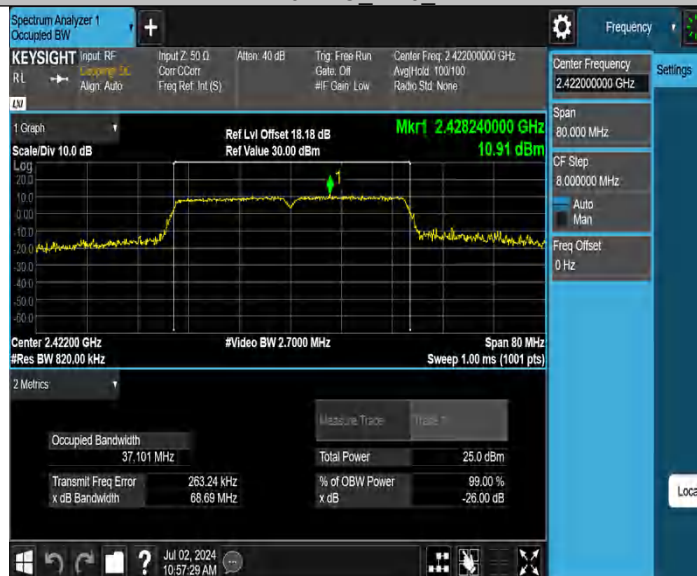
11N20SISO Ant0 2437



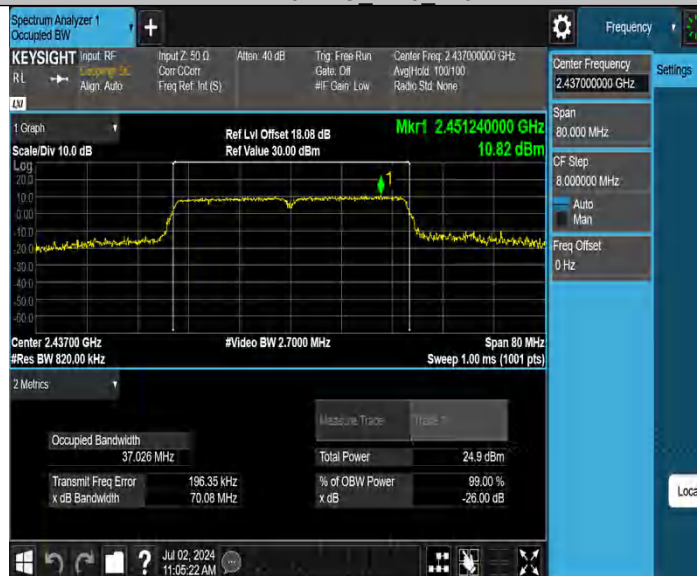
11N20SISO Ant0 2462



11N40SISO Ant0 2422



11N40SISO Ant0 2437



11N40SISO Ant0 2452



11AX20SISO_Ant0_2412



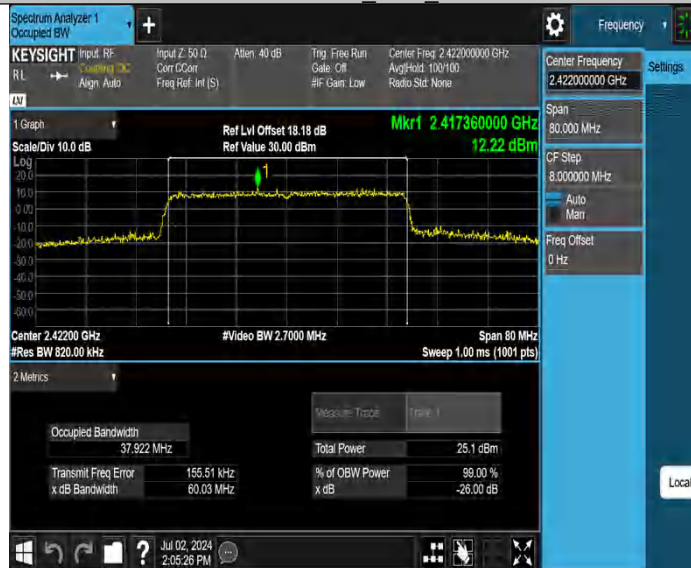
11AX20SISO_Ant0_2437



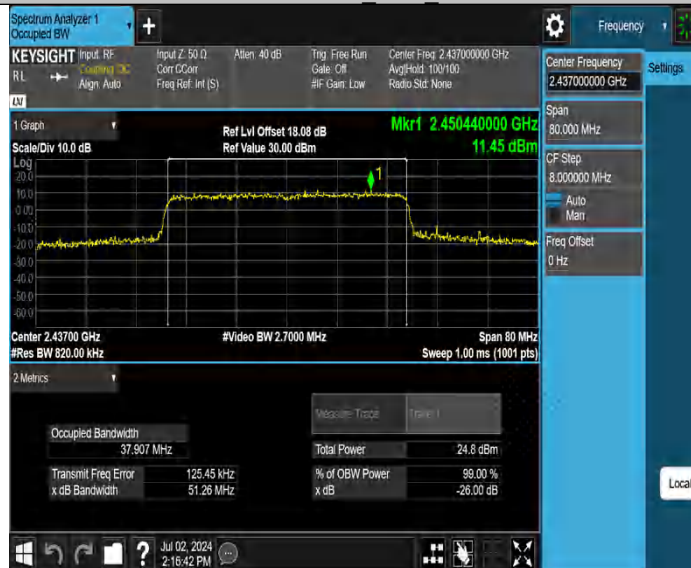
11AX20SISO_Ant0_2462



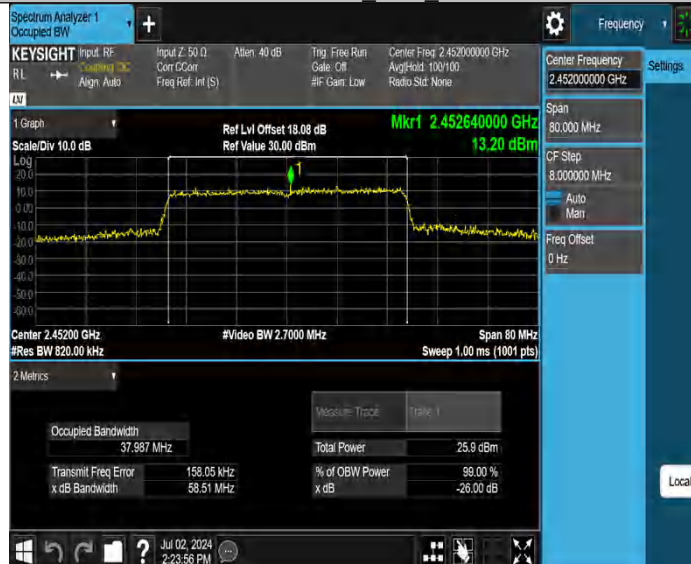
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



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

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

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	10.58	-36.13	≤-9.42	PASS
		High	2462	9.70	-38.45	≤-10.3	PASS
11G	Ant0	Low	2412	6.82	-22.04	≤-13.19	PASS
		High	2462	5.70	-33.76	≤-14.31	PASS
11N20SISO	Ant0	Low	2412	6.52	-22.44	≤-13.48	PASS
		High	2462	5.65	-32.12	≤-14.35	PASS
11N40SISO	Ant0	Low	2422	3.30	-23.33	≤-16.7	PASS
		High	2452	3.45	-21.21	≤-16.56	PASS
11AX20SISO	Ant0	Low	2412	6.30	-22.34	≤-13.7	PASS
		High	2462	5.54	-31.2	≤-14.46	PASS
11AX40SISO	Ant0	Low	2422	3.20	-23.49	≤-16.8	PASS
		High	2452	3.21	-24.26	≤-16.79	PASS

11B Ant0 Low 2412



11B Ant0 High 2462



11G Ant0 Low 2412



11G_Ant0_High_2462



11N20SISO_Ant0_Low_2412



11N20SISO_Ant0_High_2462



11N40SISO_Ant0_Low_2422



11N40SISO_Ant0_High_2452



11AX20SISO_Ant0_Low_2412



11AX20SISO_Ant0_High_2462



11AX40SISO_Ant0_Low_2422



11AX40SISO_Ant0_High_2452



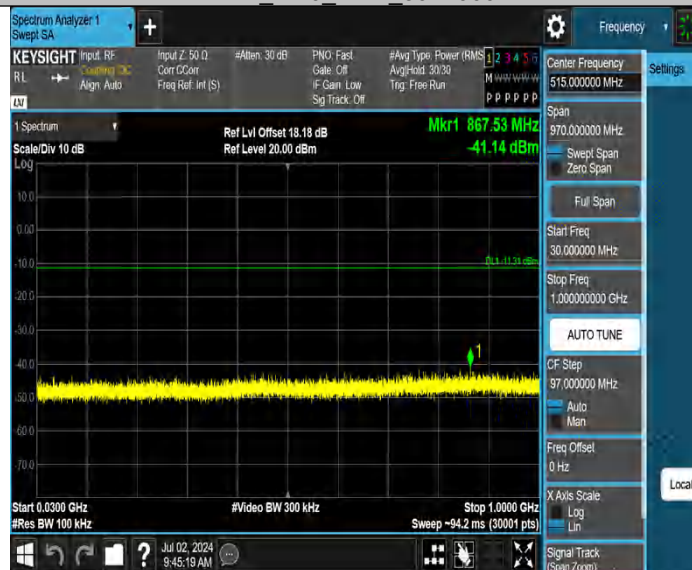
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	8.69	8.69	---	PASS
			30~1000	8.69	-41.14	≤-11.31	PASS
			1000~26500	8.69	-32.38	≤-11.31	PASS
		2437	Reference	8.26	8.26	---	PASS
			30~1000	8.26	-41.61	≤-11.74	PASS
			1000~26500	8.26	-33.27	≤-11.74	PASS
		2462	Reference	9.73	9.73	---	PASS
			30~1000	9.73	-41.96	≤-10.27	PASS
			1000~26500	9.73	-32.55	≤-10.27	PASS
11G	Ant0	2412	Reference	4.47	4.47	---	PASS
			30~1000	4.47	-41.85	≤-15.53	PASS
			1000~26500	4.47	-32.71	≤-15.53	PASS
		2437	Reference	4.98	4.98	---	PASS
			30~1000	4.98	-42.15	≤-15.02	PASS
			1000~26500	4.98	-32.9	≤-15.02	PASS
		2462	Reference	4.29	4.29	---	PASS
			30~1000	4.29	-41.68	≤-15.71	PASS
			1000~26500	4.29	-33.25	≤-15.71	PASS
11N20SISO	Ant0	2412	Reference	4.25	4.25	---	PASS
			30~1000	4.25	-41.22	≤-15.75	PASS
			1000~26500	4.25	-32.89	≤-15.75	PASS
		2437	Reference	4.00	4.00	---	PASS
			30~1000	4.00	-41.76	≤-16	PASS
			1000~26500	4.00	-32.96	≤-16	PASS
		2462	Reference	3.96	3.96	---	PASS
			30~1000	3.96	-41.02	≤-16.04	PASS
			1000~26500	3.96	-32.9	≤-16.04	PASS
11N40SISO	Ant0	2422	Reference	3.16	3.16	---	PASS
			30~1000	3.16	-41.45	≤-16.84	PASS
			1000~26500	3.16	-32.59	≤-16.84	PASS
		2437	Reference	1.36	1.36	---	PASS
			30~1000	1.36	-41.44	≤-18.64	PASS
			1000~26500	1.36	-32.91	≤-18.64	PASS
		2452	Reference	2.45	2.45	---	PASS
			30~1000	2.45	-41.61	≤-17.55	PASS
			1000~26500	2.45	-32.64	≤-17.55	PASS
11AX20SISO	Ant0	2412	Reference	3.86	3.86	---	PASS
			30~1000	3.86	-41.35	≤-16.14	PASS
			1000~26500	3.86	-32.59	≤-16.14	PASS
		2437	Reference	3.91	3.91	---	PASS
			30~1000	3.91	-41.52	≤-16.09	PASS
			1000~26500	3.91	-32.52	≤-16.09	PASS
		2462	Reference	5.49	5.49	---	PASS
			30~1000	5.49	-41.96	≤-14.51	PASS
			1000~26500	5.49	-32.43	≤-14.51	PASS
11AX40SISO	Ant0	2422	Reference	2.37	2.37	---	PASS
			30~1000	2.37	-41.91	≤-17.63	PASS
			1000~26500	2.37	-32.21	≤-17.63	PASS
		2437	Reference	2.95	2.95	---	PASS
			30~1000	2.95	-41.59	≤-17.05	PASS
			1000~26500	2.95	-32.82	≤-17.05	PASS
		2452	Reference	1.98	1.98	---	PASS
			30~1000	1.98	-41.4	≤-18.02	PASS
			1000~26500	1.98	-32.74	≤-18.02	PASS

11B_Ant0_2412_0~Reference



11B_Ant0_2412_30~1000



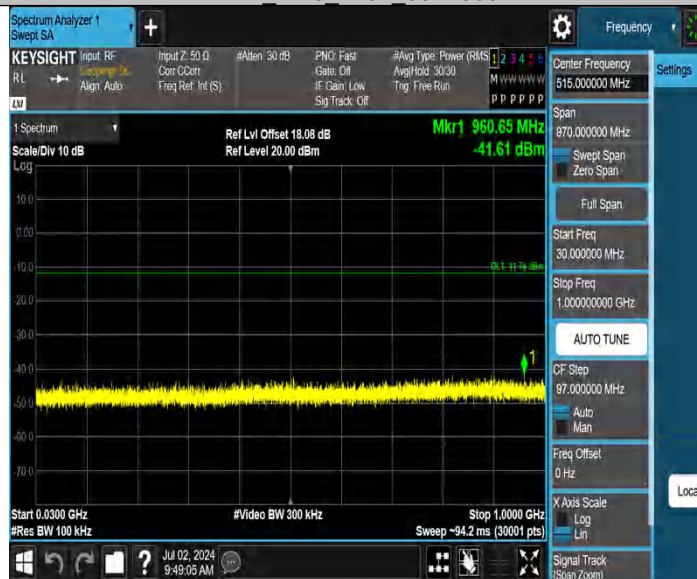
11B_Ant0_2412_1000~26500



11B_Ant0_2437_0~Reference



11B_Ant0_2437_30~1000



11B_Ant0_2437_1000~26500



11B_Ant0_2462_0~Reference



11B_Ant0_2462_30~1000



11B_Ant0_2462_1000~26500



11G_Ant0_2412_0~Reference



11G_Ant0_2412_30~1000



11G_Ant0_2412_1000~26500



11G_Ant0_2437_0~Reference



11G_Ant0_2437_30~1000



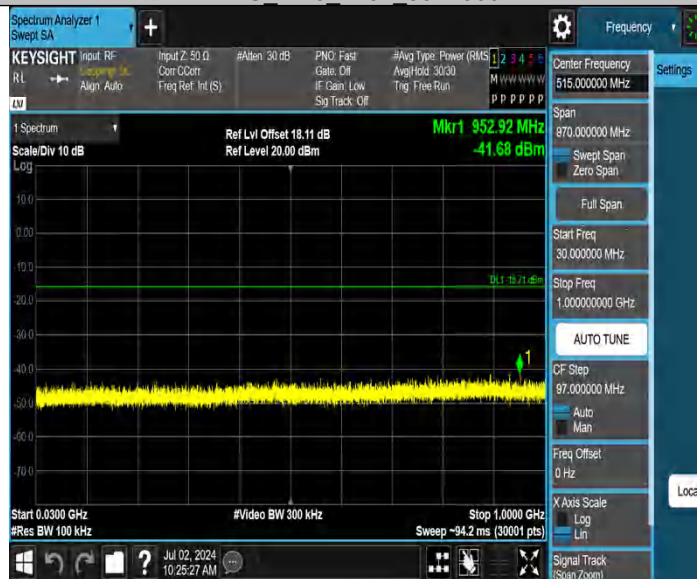
11G_Ant0_2437_1000~26500



11G_Ant0_2462_0~Reference

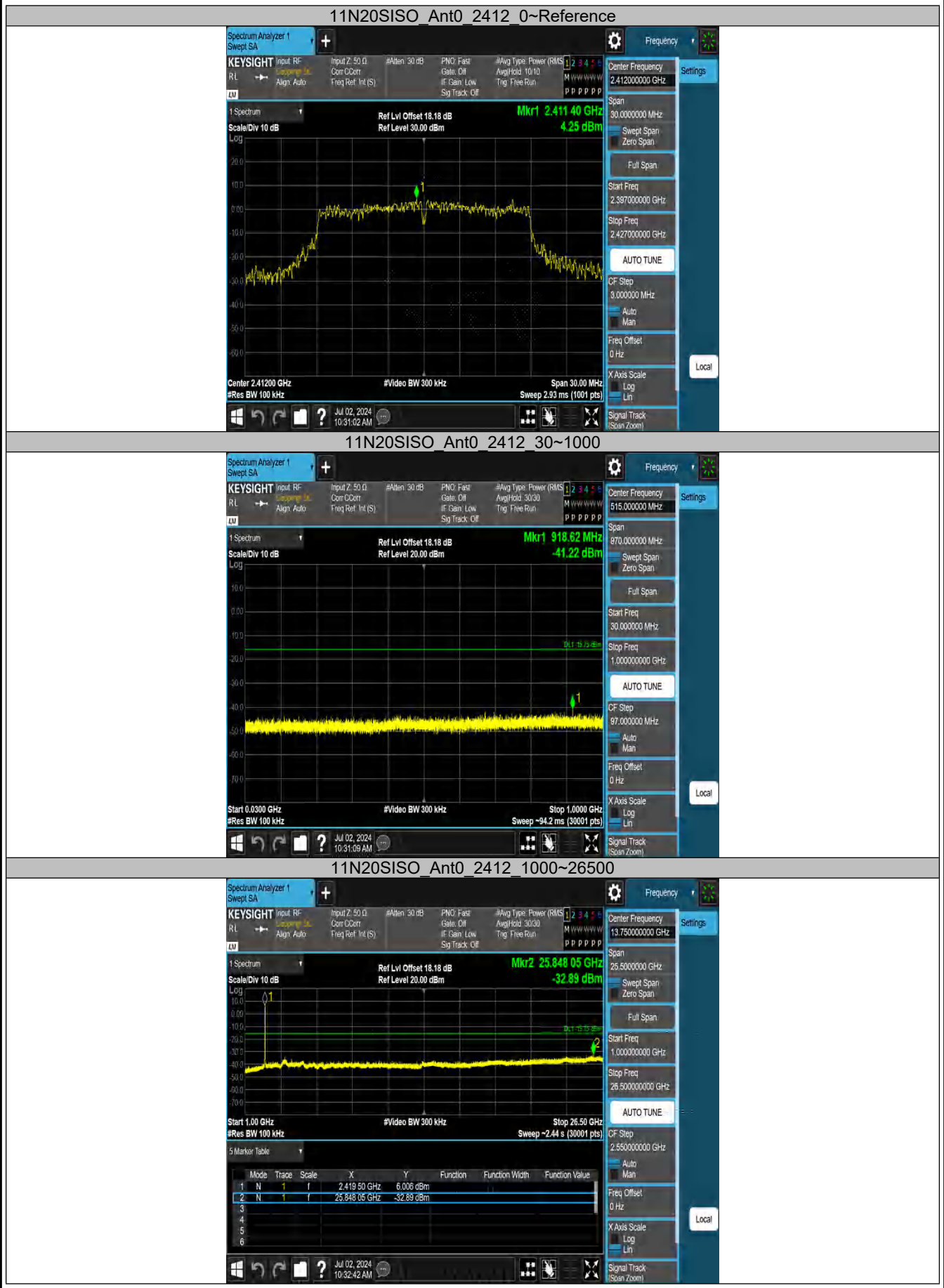


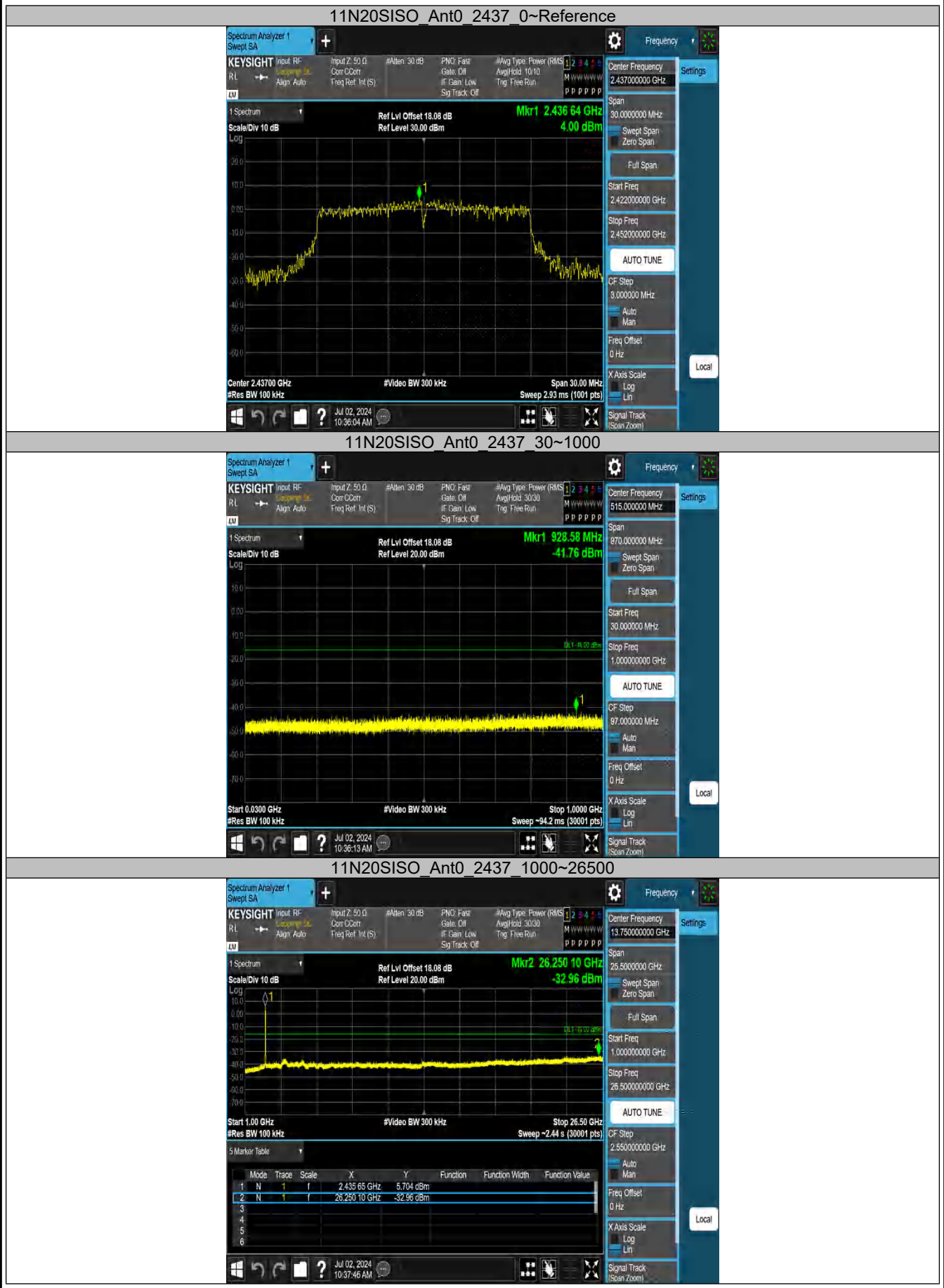
11G_Ant0_2462_30~1000

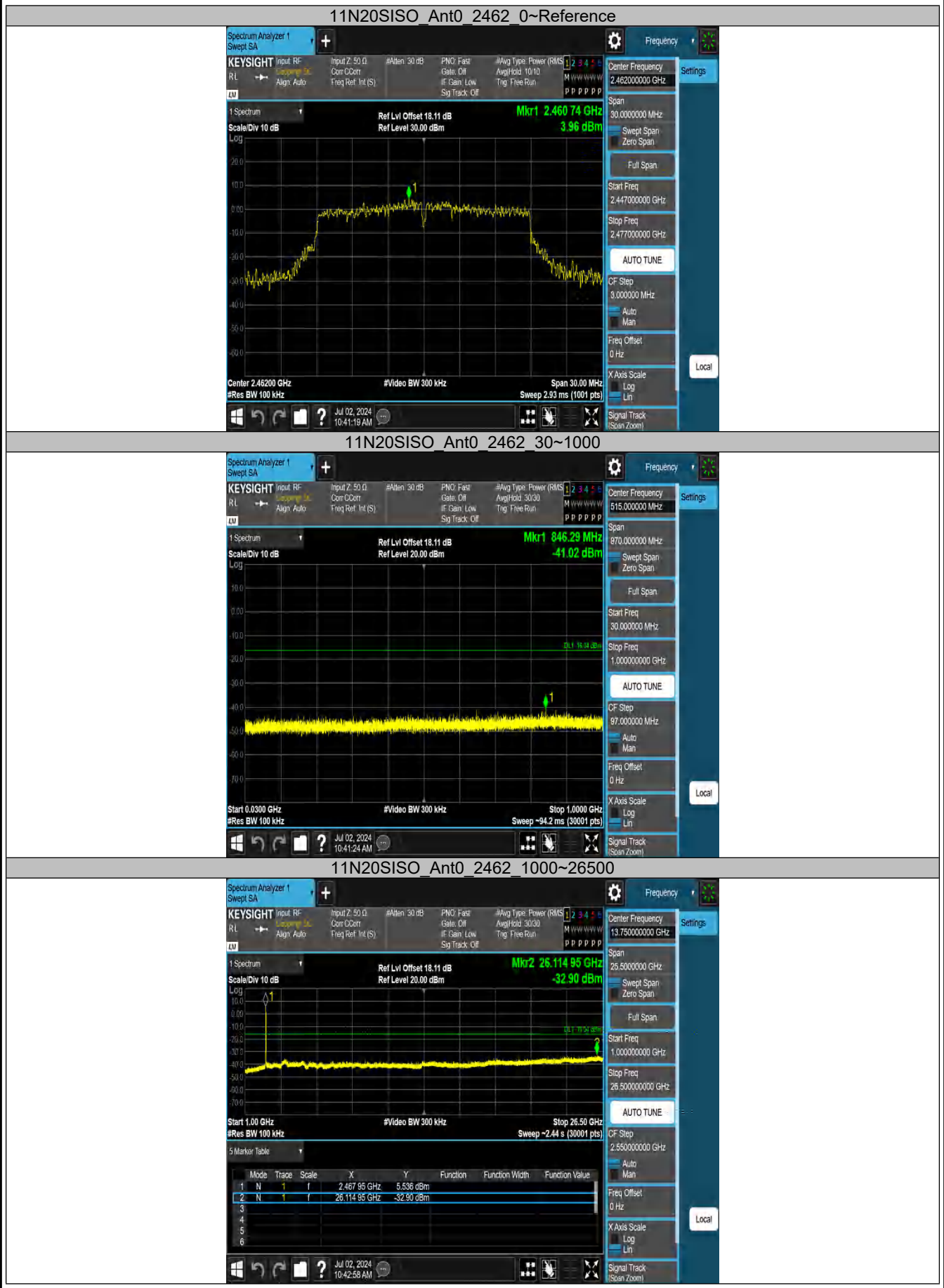


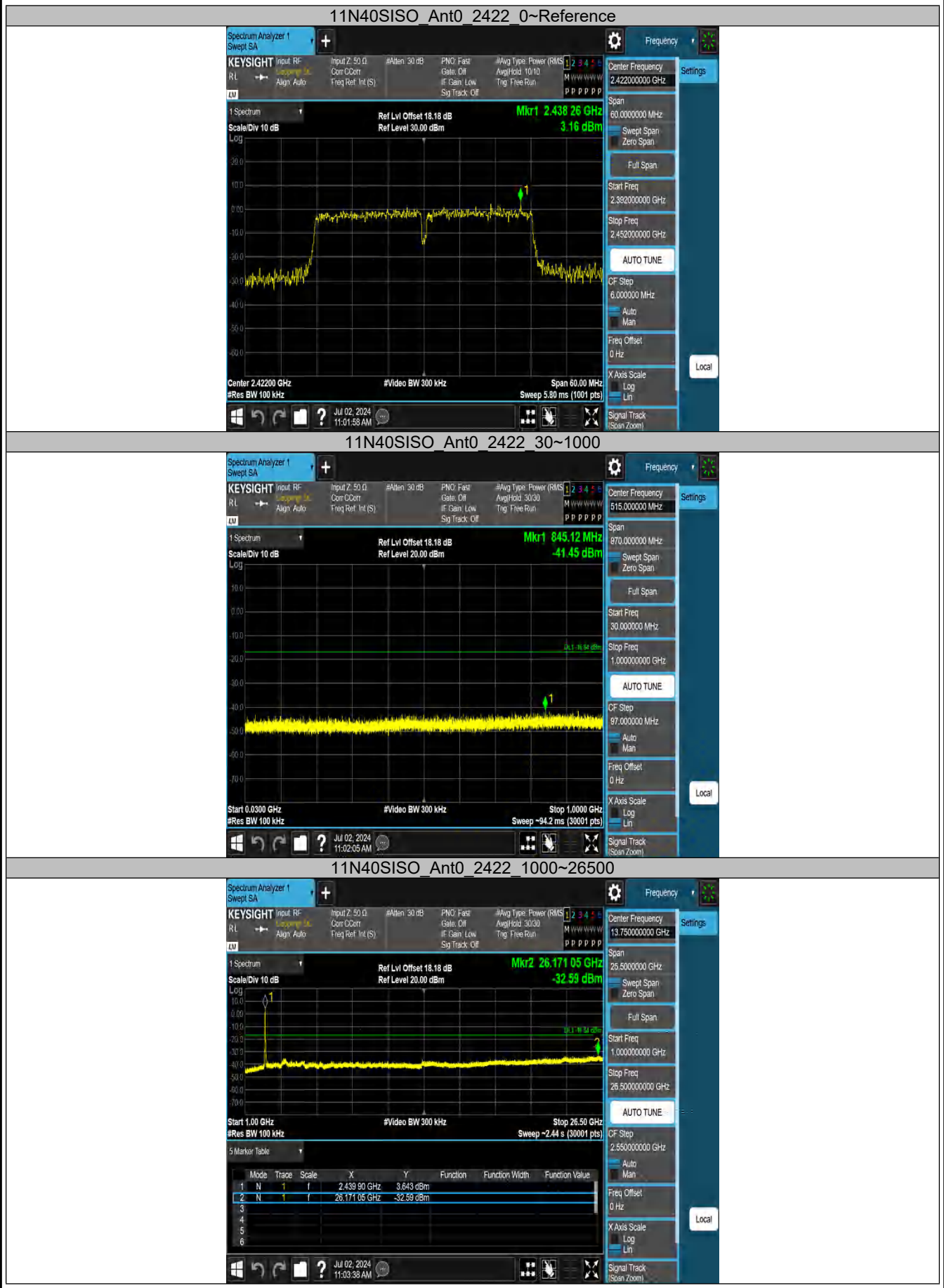
11G_Ant0_2462_1000~26500

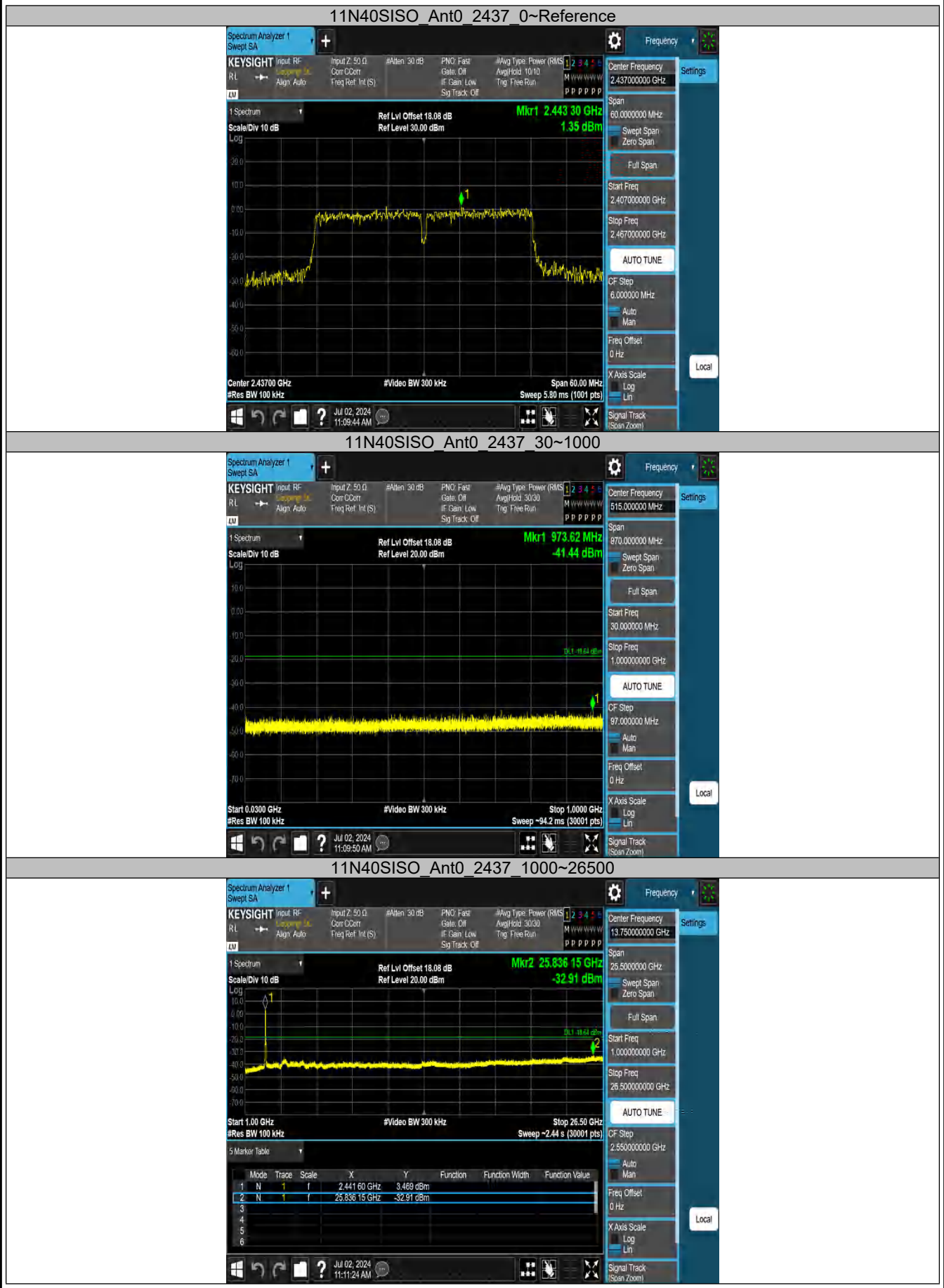


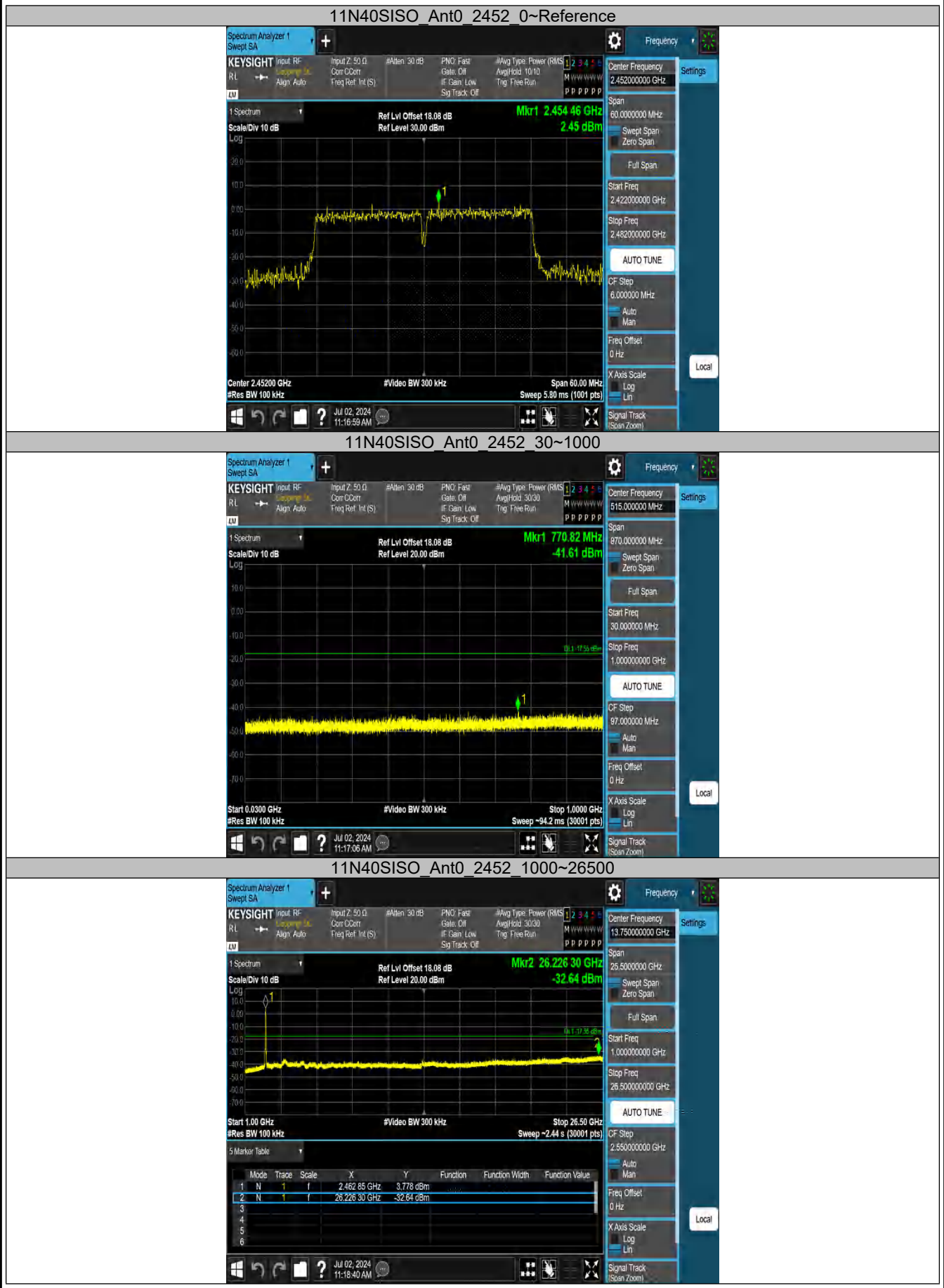












11AX20SISO_Ant0_2412_0~Reference



11AX20SISO_Ant0_2412_30~1000



11AX20SISO_Ant0_2412_1000~26500



11AX20SISO_Ant0_2437_0~Reference



11AX20SISO_Ant0_2437_30~1000



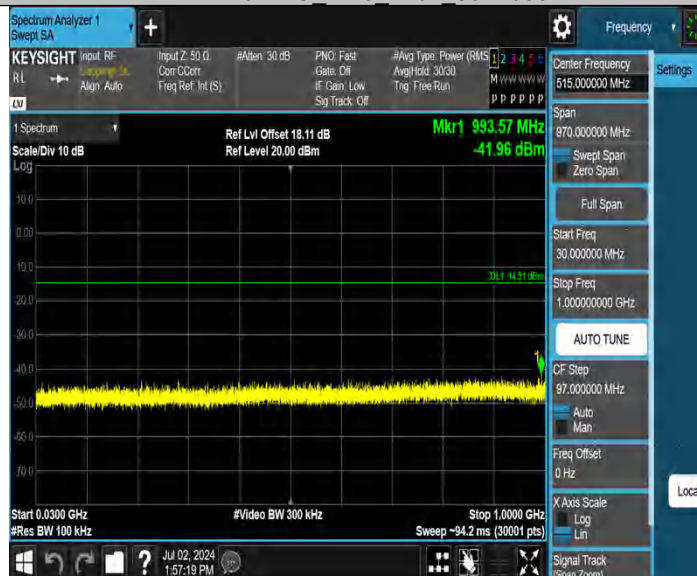
11AX20SISO_Ant0_2437_1000~26500



11AX20SISO_Ant0_2462_0~Reference



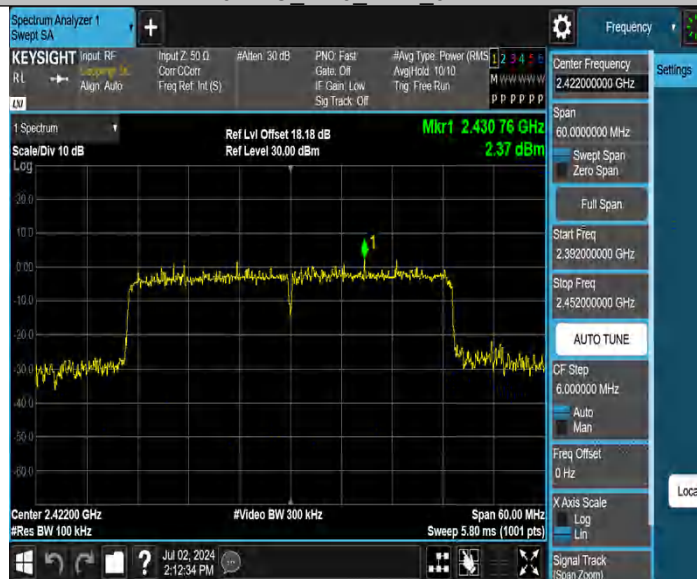
11AX20SISO_Ant0_2462_30~1000



11AX20SISO_Ant0_2462_1000~26500



11AX40SISO_Ant0_2422_0~Reference



11AX40SISO_Ant0_2422_30~1000



11AX40SISO_Ant0_2422_1000~26500



11AX40SISO_Ant0_2437_0~Reference



11AX40SISO_Ant0_2437_30~1000



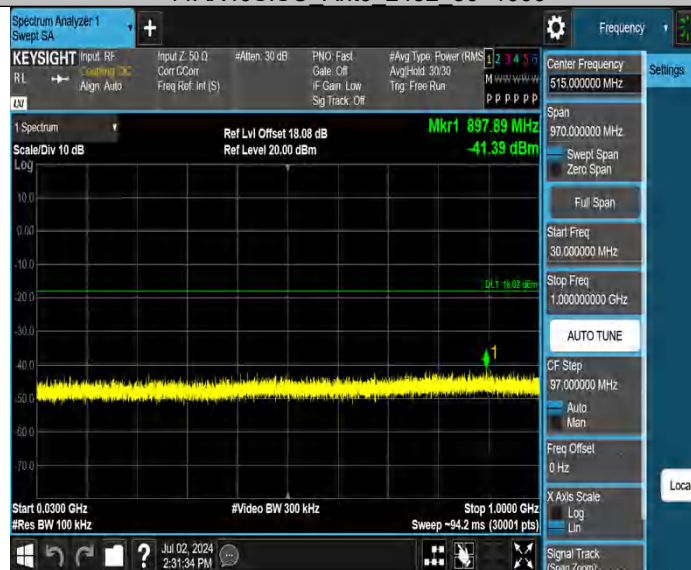
11AX40SISO_Ant0_2437_1000~26500



11AX40SISO_Ant0_2452_0~Reference



11AX40SISO_Ant0_2452_30~1000



11AX40SISO_Ant0_2452_1000~26500



Appendix C.5: Test Results of Radiated Spurious Emissions

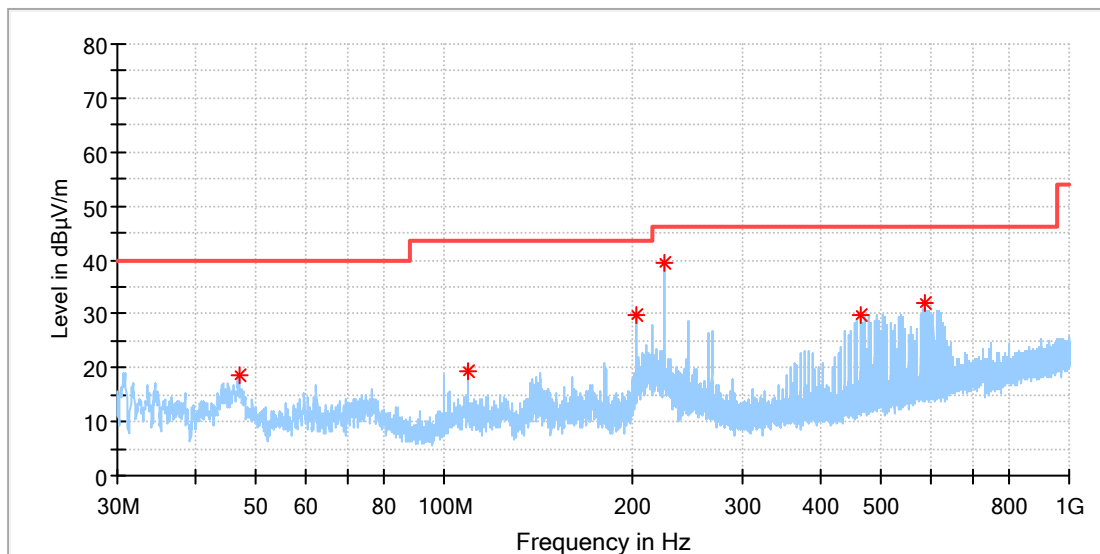
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) 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:	WIFI2.4G_11B_CH6
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

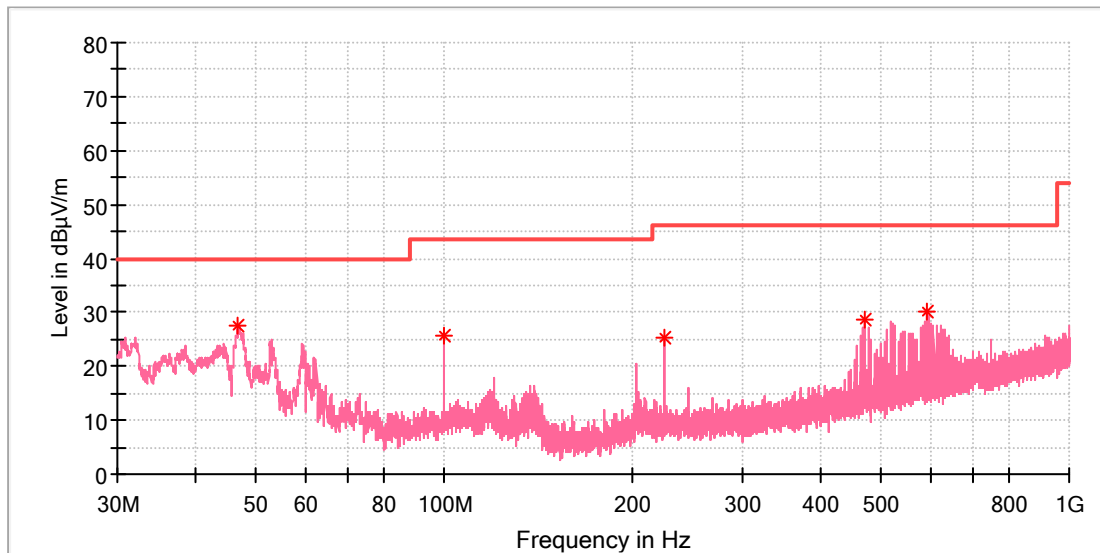
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.900385	18.72	40.00	21.28	100.0	H	214.0	-18.8
109.353462	19.23	43.50	24.27	100.0	H	108.0	-19.4
203.592692	29.77	43.50	13.73	100.0	H	58.0	-19.3
224.970000	39.54	46.00	6.46	100.0	H	91.0	-18.7
462.508077	29.81	46.00	16.19	100.0	H	263.0	-13.0
587.488846	31.89	46.00	14.11	100.0	H	281.0	-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: WIFI2.4G_11B_CH6
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)
46.863077	27.64	40.00	12.36	100.0	V	197.0	-18.9
99.989231	25.70	43.50	17.80	100.0	V	280.0	-19.3
225.007308	25.13	46.00	20.87	100.0	V	205.0	-18.7
472.506539	28.49	46.00	17.51	100.0	V	88.0	-12.8
592.525385	30.11	46.00	15.89	100.0	V	0.0	-10.4

Final Result

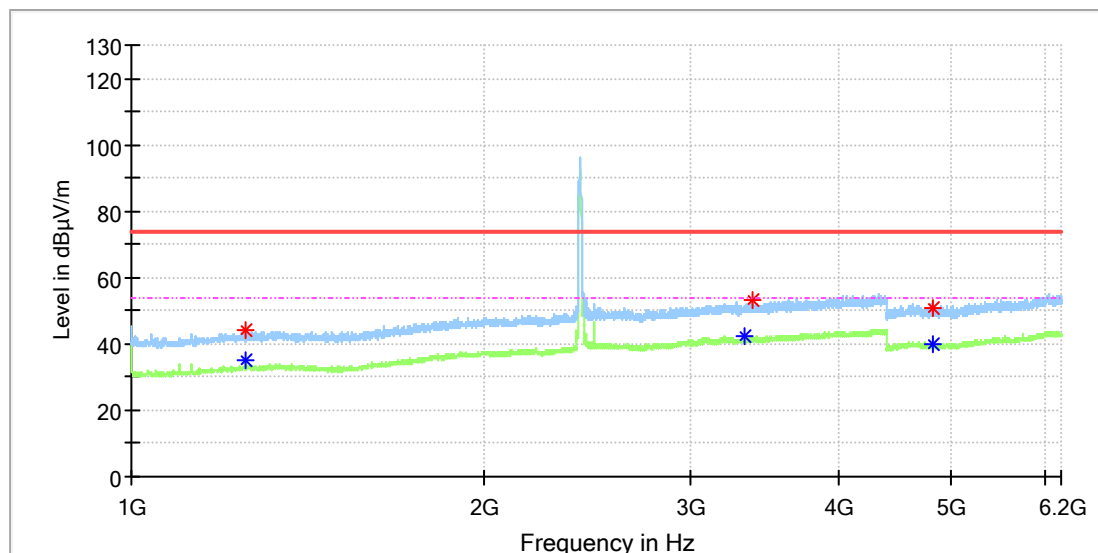
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI2.4G_11B_CH1
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

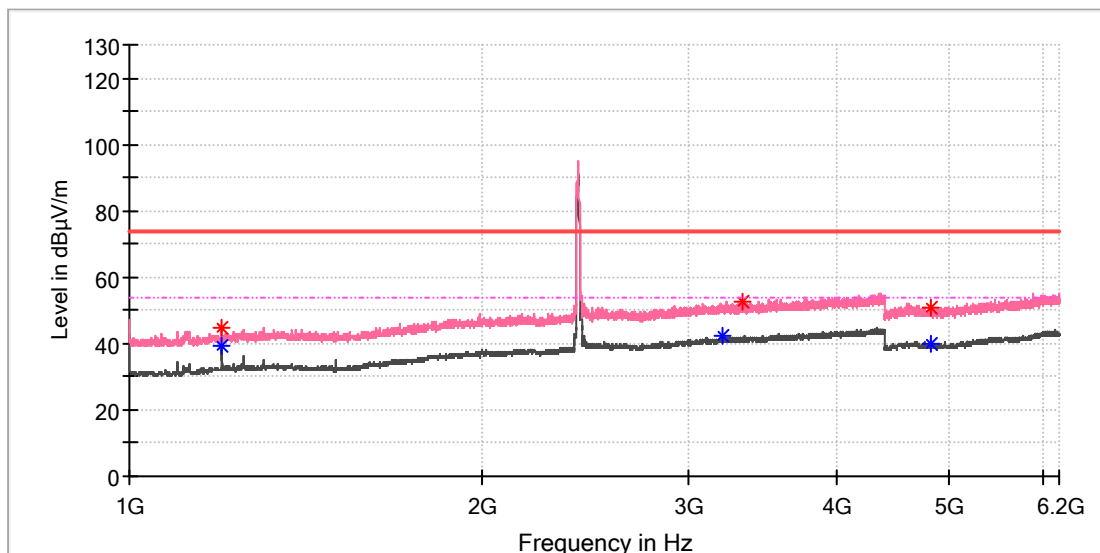
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1249.500000	44.35	---	74.00	29.65	150.0	H	54.0	1.9
1250.000000	---	35.35	54.00	18.65	150.0	H	96.0	1.9
3334.000000	---	42.36	54.00	11.64	150.0	H	24.0	8.6
3382.500000	52.99	---	74.00	21.01	150.0	H	59.0	8.7
4818.500000	---	39.88	54.00	14.12	150.0	H	242.0	11.8
4822.500000	51.04	---	74.00	22.96	150.0	H	273.0	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: WIFI2.4G_11B_CH1
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

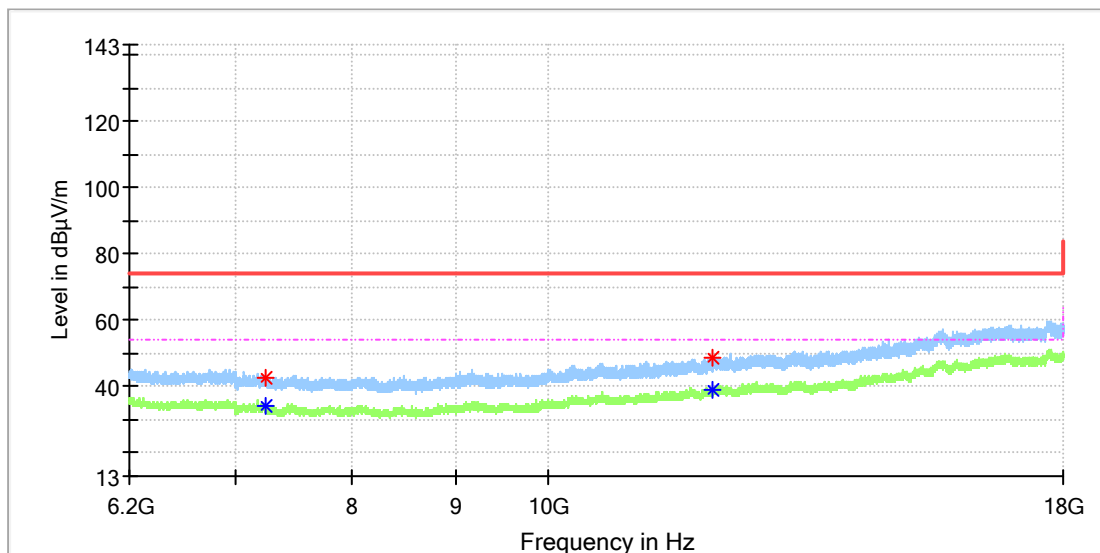
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	44.91	---	74.00	29.09	150.0	V	101.0	1.1
1199.500000	---	39.34	54.00	14.66	150.0	V	101.0	1.1
3204.000000	---	42.27	54.00	11.73	150.0	V	0.0	8.6
3336.500000	52.59	---	74.00	21.41	150.0	V	213.0	8.6
4821.000000	50.68	---	74.00	23.32	150.0	V	301.0	11.8
4823.500000	---	39.68	54.00	14.32	150.0	V	345.0	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: WIFI2.4G_11B_CH1
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

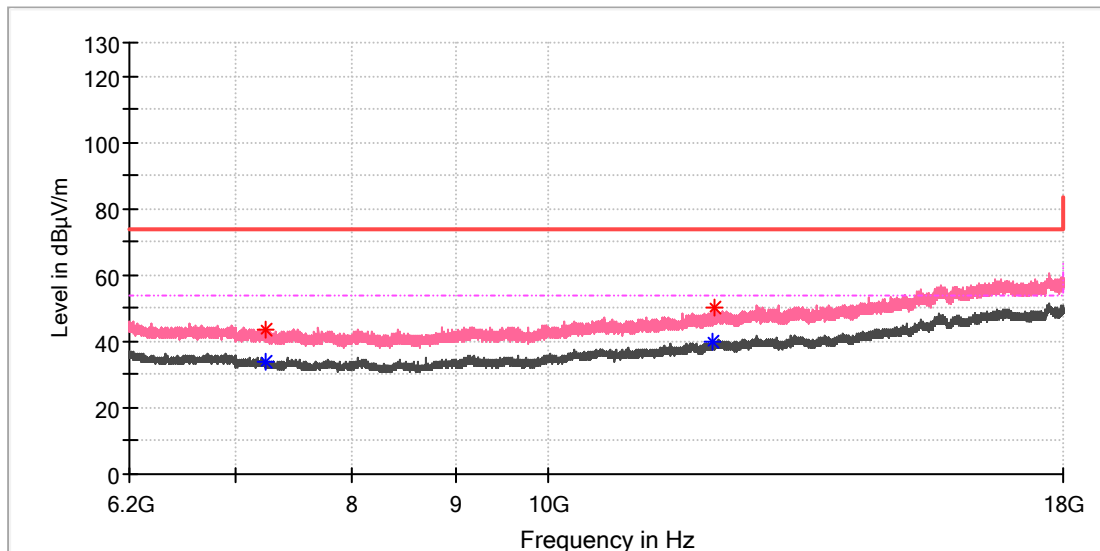
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7235.941667	42.55	---	74.00	31.45	150.0	H	358.0	8.6
7238.400000	---	34.07	54.00	19.93	150.0	H	294.0	8.6
12052.800000	---	39.15	54.00	14.85	150.0	H	346.0	14.0
12059.191667	48.67	---	74.00	25.33	150.0	H	331.0	14.0

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: WIFI2.4G_11B_CH1
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

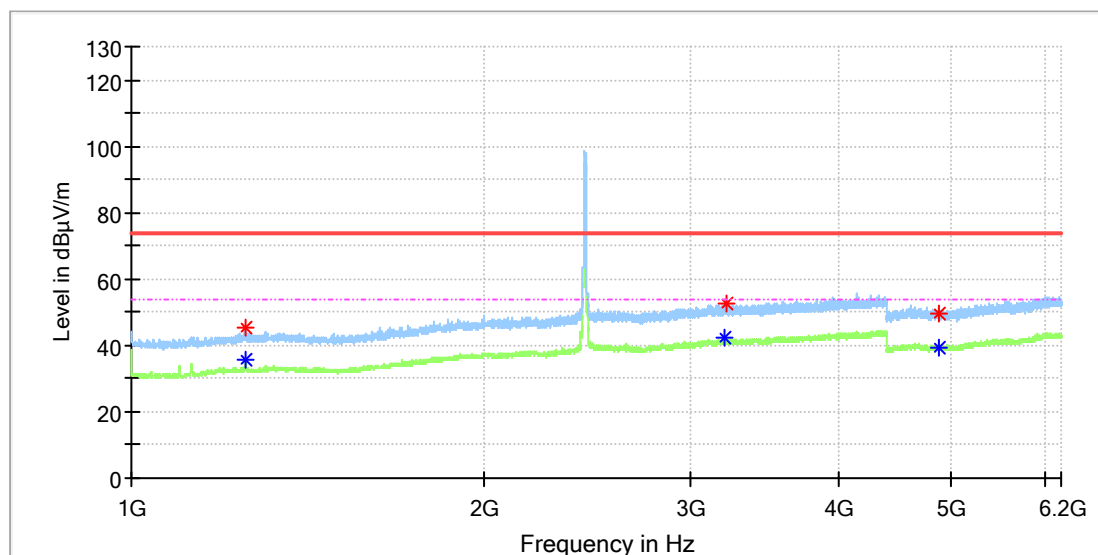
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7235.941667	---	33.98	54.00	20.02	150.0	V	159.0	8.6
7238.891667	43.43	---	74.00	30.57	150.0	V	186.0	8.6
12066.075000	---	39.67	54.00	14.33	150.0	V	198.0	14.0
12082.791667	49.91	---	74.00	24.09	150.0	V	29.0	14.1

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:	WIFI2.4G_11B_CH6
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

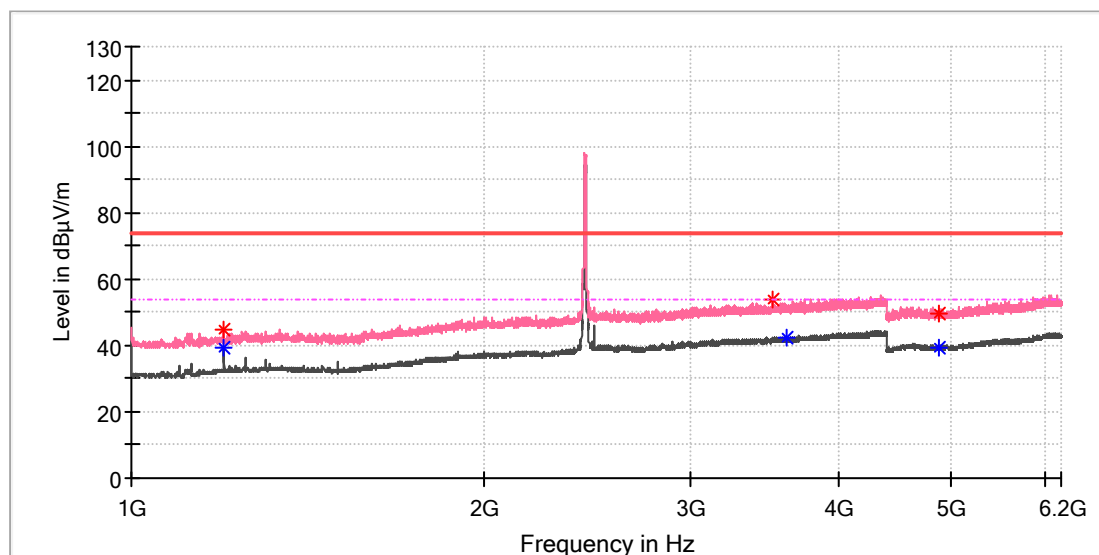
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1249.000000	45.15	---	74.00	28.85	150.0	H	67.0	1.9
1250.000000	---	35.48	54.00	18.52	150.0	H	159.0	1.9
3203.500000	---	42.33	54.00	11.67	150.0	H	47.0	8.6
3212.500000	52.66	---	74.00	21.34	150.0	H	17.0	8.6
4870.500000	49.75	---	74.00	24.25	150.0	H	233.0	11.8
4873.000000	---	39.52	54.00	14.48	150.0	H	226.0	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: WIFI2.4G_11B_CH6
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

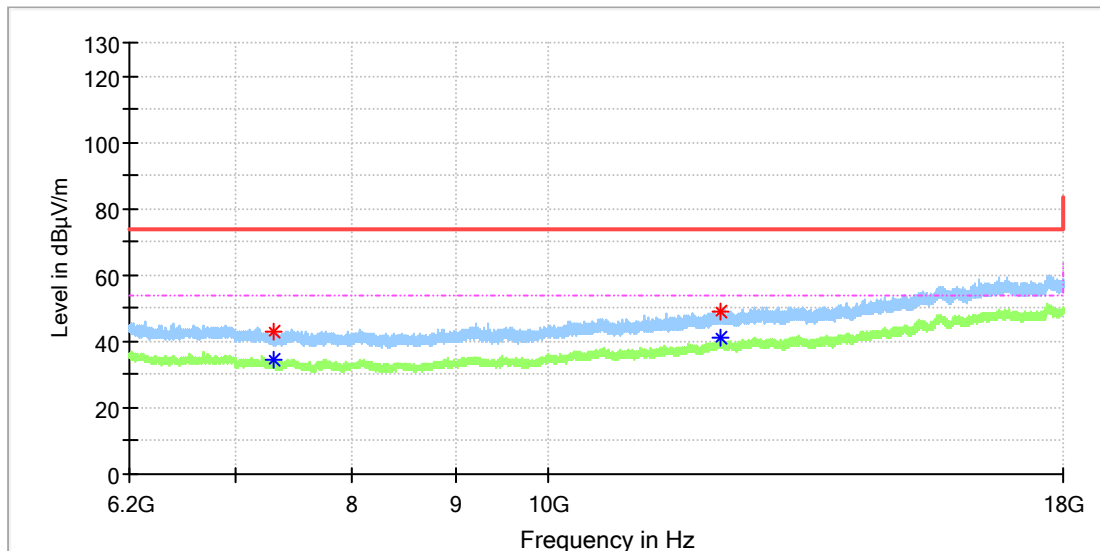
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	44.93	---	74.00	29.07	150.0	V	11.0	1.1
1200.000000	---	39.05	54.00	14.95	150.0	V	1.0	1.1
3520.000000	53.74	---	74.00	20.26	150.0	V	62.0	9.1
3622.000000	---	42.44	54.00	11.56	150.0	V	341.0	9.4
4876.000000	---	39.52	54.00	14.48	150.0	V	115.0	11.8
4878.000000	49.84	---	74.00	24.16	150.0	V	223.0	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: WIFI2.4G_11B_CH6
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

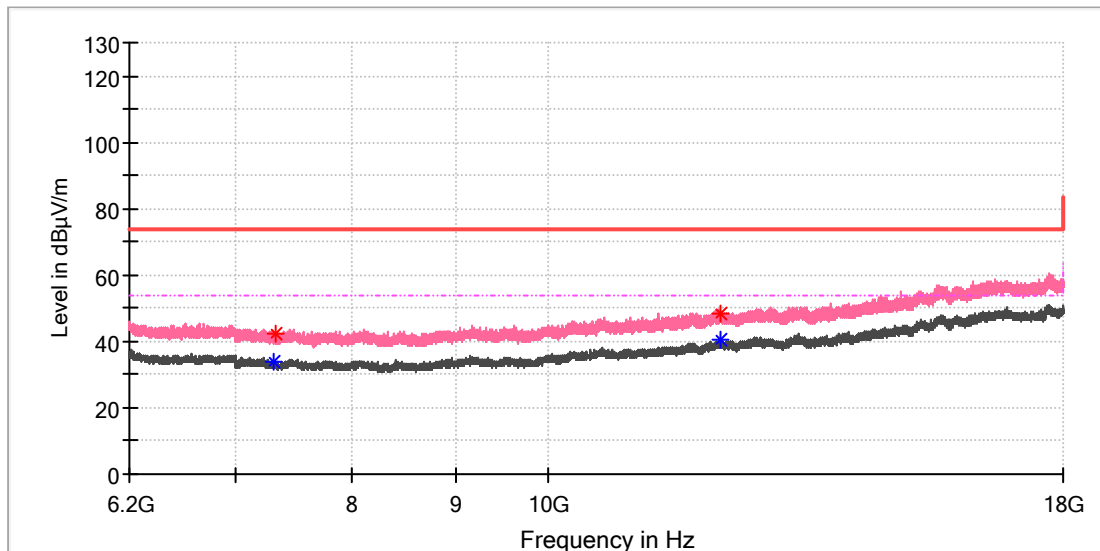
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.741667	---	34.30	54.00	19.70	150.0	H	155.0	8.3
7309.691667	43.19	---	74.00	30.81	150.0	H	37.0	8.2
12183.091667	48.73	---	74.00	25.27	150.0	H	168.0	14.6
12183.091667	---	41.22	54.00	12.78	150.0	H	168.0	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: WIFI2.4G_11B_CH6
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

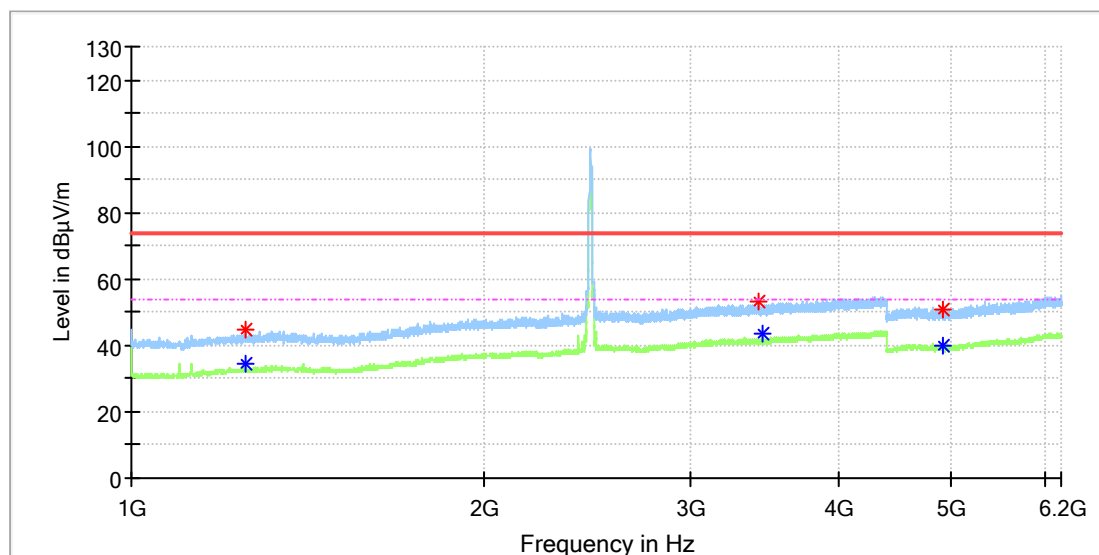
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7314.608333	---	34.16	54.00	19.84	150.0	V	204.0	8.2
7328.866667	42.47	---	74.00	31.53	150.0	V	239.0	8.1
12185.550000	48.62	---	74.00	25.38	150.0	V	21.0	14.6
12185.550000	---	40.79	54.00	13.21	150.0	V	21.0	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: WIFI2.4G_11B_CH11
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

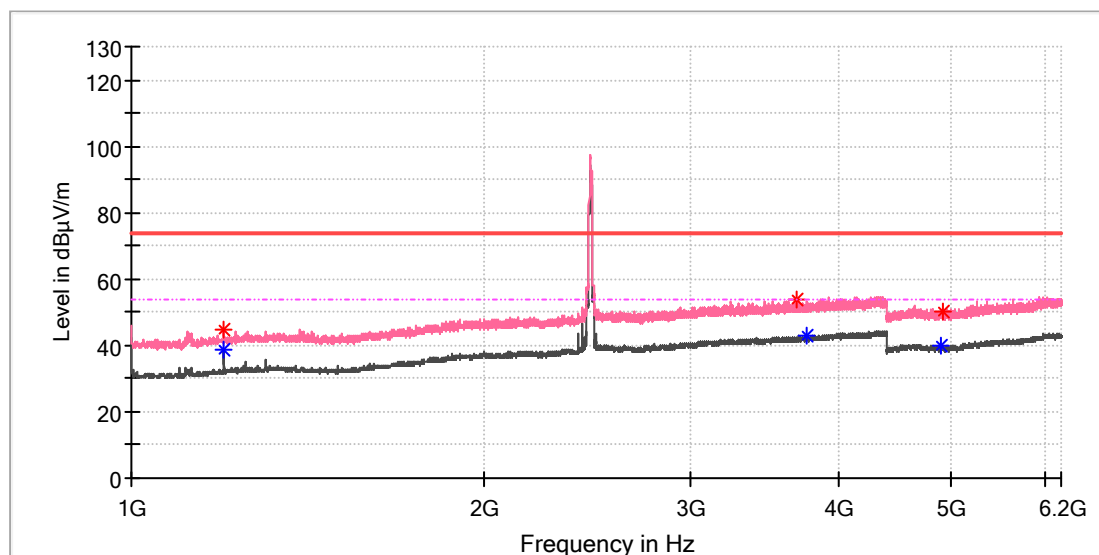
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1250.000000	---	34.74	54.00	19.26	150.0	H	6.0	1.9
1250.000000	45.02	---	74.00	28.98	150.0	H	6.0	1.9
3429.500000	52.92	---	74.00	21.08	150.0	H	228.0	8.8
3448.000000	---	43.78	54.00	10.22	150.0	H	6.0	8.8
4923.000000	50.59	---	74.00	23.41	150.0	H	267.0	11.8
4924.500000	---	39.80	54.00	14.20	150.0	H	342.0	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:	WIFI2.4G_11B_CH11
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

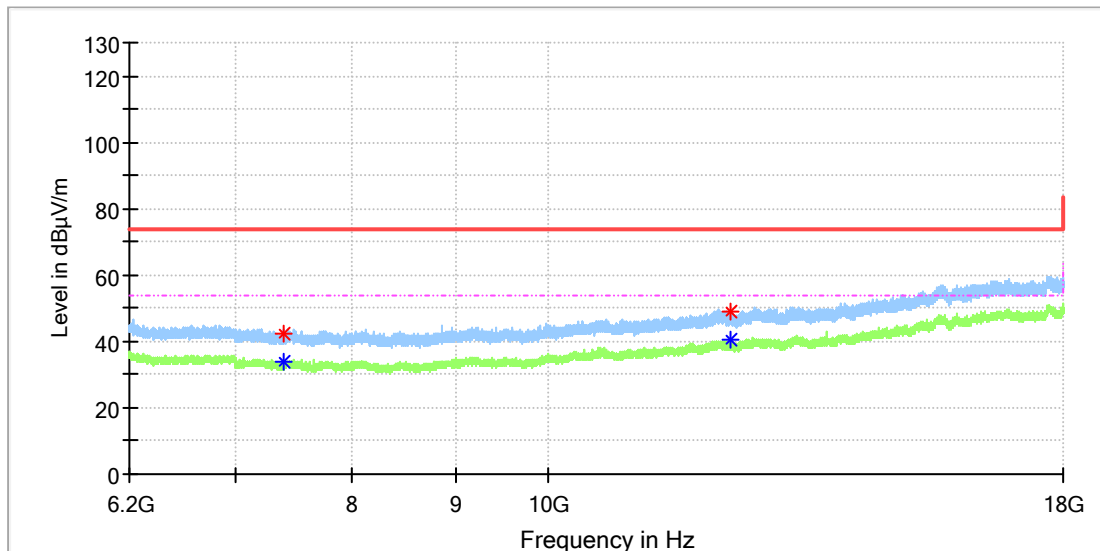
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	44.63	---	74.00	29.37	150.0	V	163.0	1.1
1200.000000	---	38.41	54.00	15.59	150.0	V	163.0	1.1
3687.500000	53.91	---	74.00	20.09	150.0	V	9.0	9.5
3758.500000	---	42.86	54.00	11.14	150.0	V	5.0	9.7
4904.000000	---	39.84	54.00	14.16	150.0	V	353.0	11.8
4912.500000	50.35	---	74.00	23.65	150.0	V	323.0	11.8

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: WIFI2.4G_11B_CH11
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

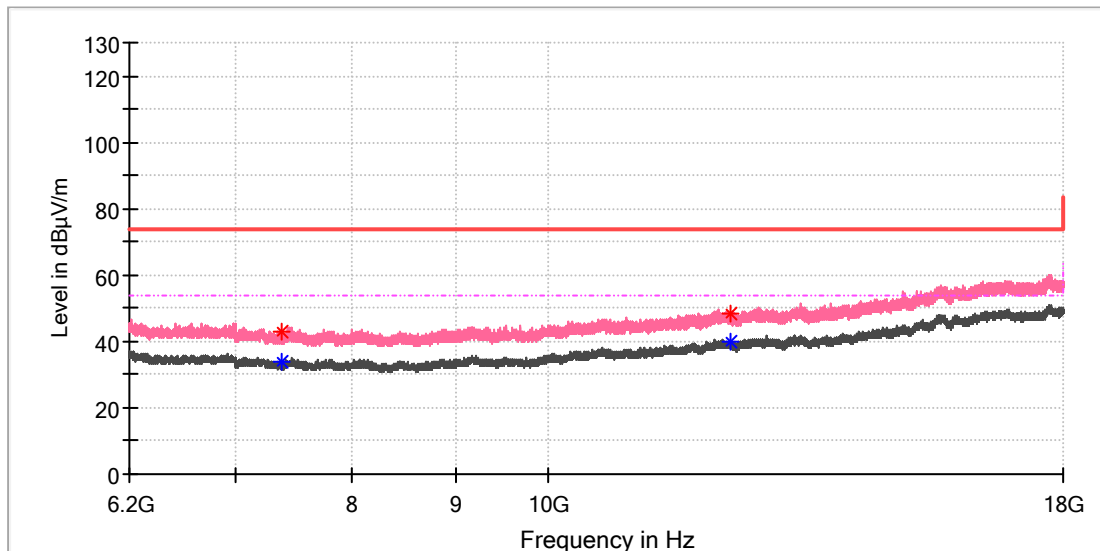
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7389.341667	42.48	---	74.00	31.52	150.0	H	45.0	8.2
7389.341667	---	34.08	54.00	19.92	150.0	H	45.0	8.2
12309.450000	---	40.31	54.00	13.69	150.0	H	183.0	14.9
12321.741667	48.77	---	74.00	25.23	150.0	H	57.0	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: WIFI2.4G_11B_CH11
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

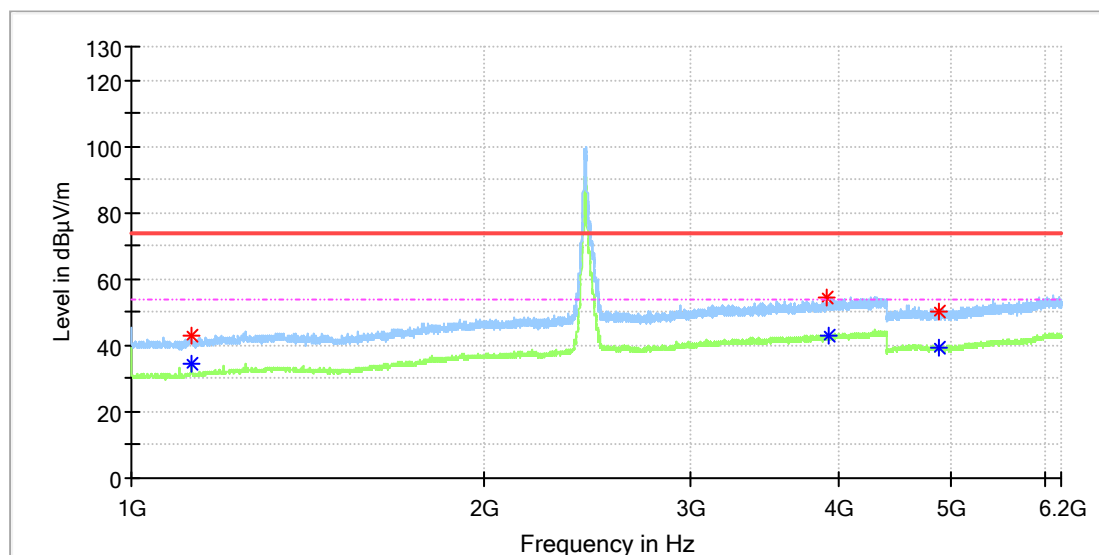
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7374.591667	43.15	---	74.00	30.85	150.0	V	156.0	8.2
7379.016667	---	33.94	54.00	20.06	150.0	V	0.0	8.2
12306.008333	---	40.14	54.00	13.86	150.0	V	119.0	14.9
12312.400000	48.56	---	74.00	25.44	150.0	V	337.0	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: WIFI2.4G_11G_CH6
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

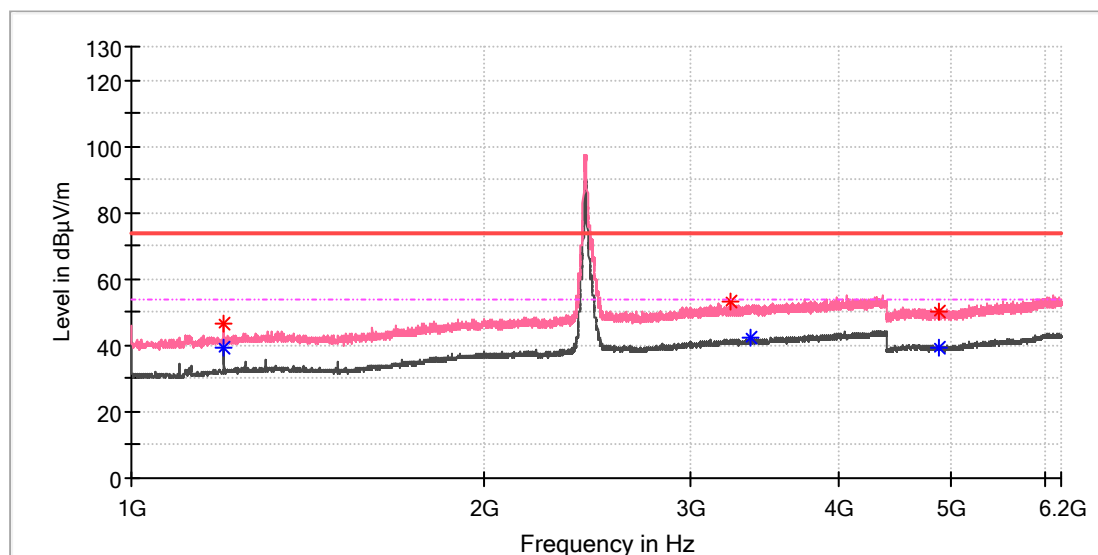
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1125.000000	---	34.34	54.00	19.66	150.0	H	28.0	0.3
1125.500000	42.75	---	74.00	31.25	150.0	H	133.0	0.3
3907.500000	54.43	---	74.00	19.57	150.0	H	316.0	10.1
3933.000000	---	43.13	54.00	10.87	150.0	H	28.0	10.1
4869.500000	---	39.43	54.00	14.57	150.0	H	263.0	11.8
4874.000000	50.00	---	74.00	24.00	150.0	H	44.0	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:	WIFI2.4G_11G_CH6
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

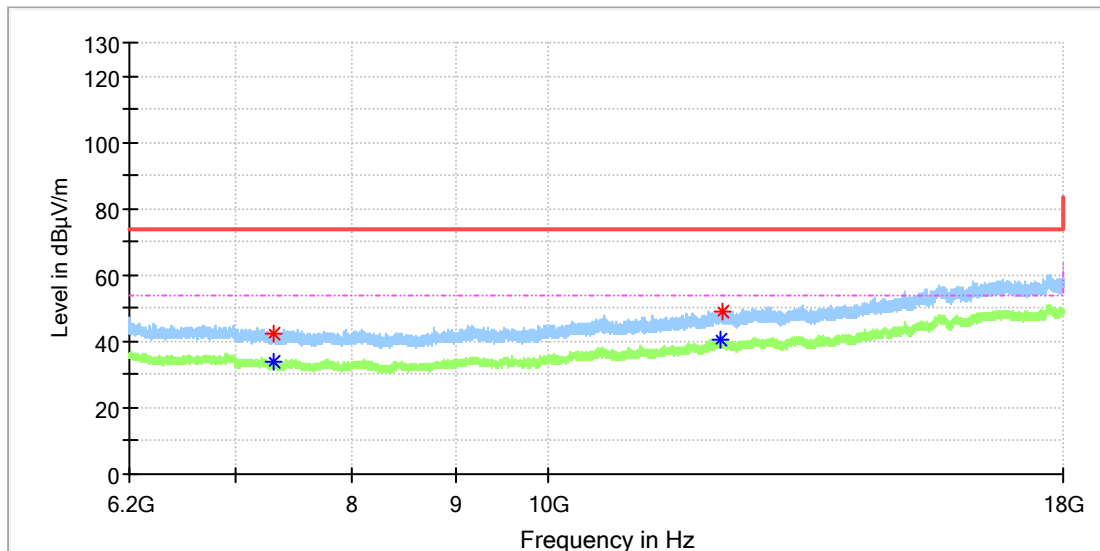
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	---	39.31	54.00	14.69	150.0	V	100.0	1.1
1200.000000	46.46	---	74.00	27.54	150.0	V	100.0	1.1
3238.000000	53.18	---	74.00	20.82	150.0	V	42.0	8.5
3366.000000	---	42.06	54.00	11.94	150.0	V	2.0	8.6
4871.500000	---	39.49	54.00	14.51	150.0	V	212.0	11.8
4874.000000	49.94	---	74.00	24.06	150.0	V	276.0	11.8

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: WIFI2.4G_11G_CH6
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

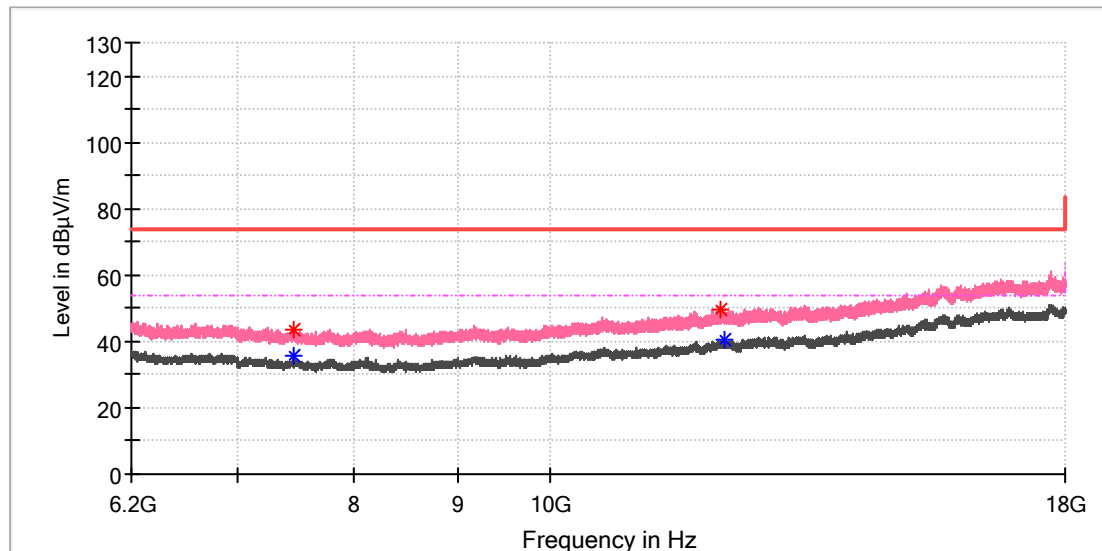
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7304.775000	---	33.62	54.00	20.38	150.0	H	0.0	8.3
7307.725000	42.52	---	74.00	31.48	150.0	H	152.0	8.3
12181.616667	---	40.40	54.00	13.60	150.0	H	175.0	14.6
12197.350000	49.17	---	74.00	24.83	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: WIFI2.4G_11G_CH6
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

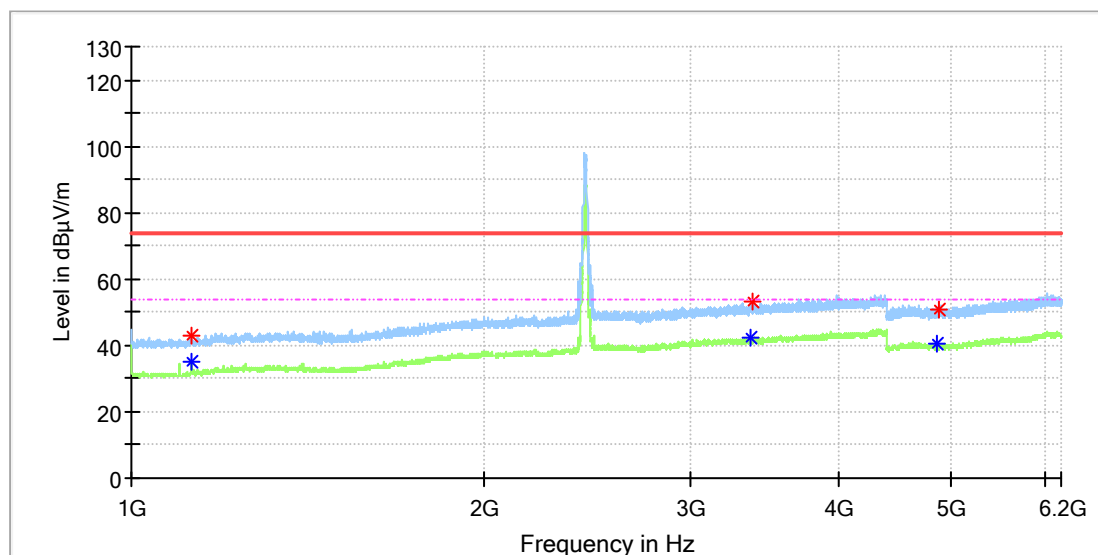
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7456.208333	43.58	---	74.00	30.42	150.0	V	294.0	8.5
7458.666667	---	35.71	54.00	18.29	150.0	V	329.0	8.5
12156.541667	49.57	---	74.00	24.43	150.0	V	340.0	14.4
12195.383333	---	40.27	54.00	13.73	150.0	V	0.0	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:	WIFI2.4G_11N20_CH6
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

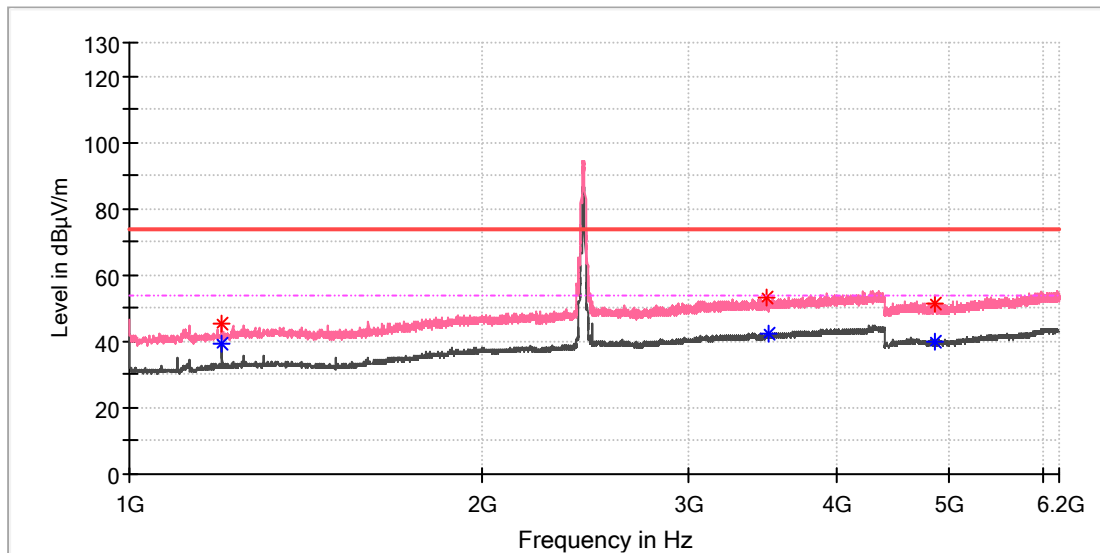
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1124.500000	---	34.85	54.00	19.15	150.0	H	292.0	0.3
1125.000000	43.16	---	74.00	30.84	150.0	H	199.0	0.3
3371.500000	---	42.09	54.00	11.91	150.0	H	108.0	8.6
3381.500000	52.98	---	74.00	21.02	150.0	H	313.0	8.7
4862.500000	---	40.22	54.00	13.78	150.0	H	33.0	11.8
4875.000000	50.99	---	74.00	23.01	150.0	H	123.0	11.8

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: WIFI2.4G_11N20_CH6
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

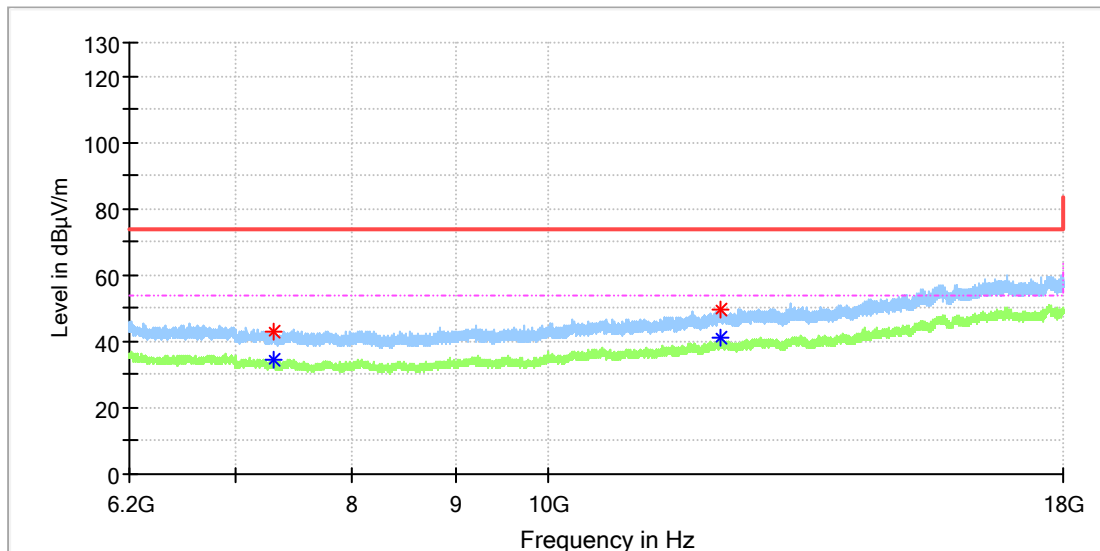
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	45.36	---	74.00	28.64	150.0	V	52.0	1.1
1199.500000	---	39.07	54.00	14.93	150.0	V	52.0	1.1
3497.500000	53.45	---	74.00	20.55	150.0	V	311.0	9.0
3507.000000	---	42.58	54.00	11.42	150.0	V	153.0	9.0
4859.500000	---	40.07	54.00	13.93	150.0	V	356.0	11.8
4863.000000	51.62	---	74.00	22.38	150.0	V	13.0	11.8

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: WIFI2.4G_11N20_CH36
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

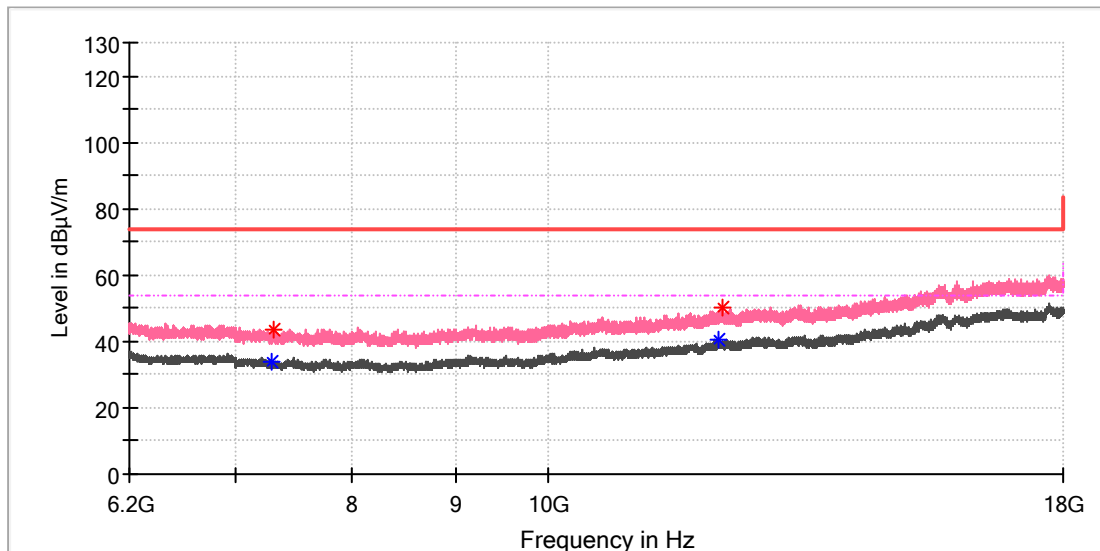
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7302.808333	---	34.61	54.00	19.39	150.0	H	211.0	8.3
7303.791667	43.17	---	74.00	30.83	150.0	H	299.0	8.3
12165.883333	---	40.85	54.00	13.15	150.0	H	163.0	14.5
12169.325000	49.54	---	74.00	24.46	150.0	H	163.0	14.5

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: WIFI2.4G_11N20_CH36
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

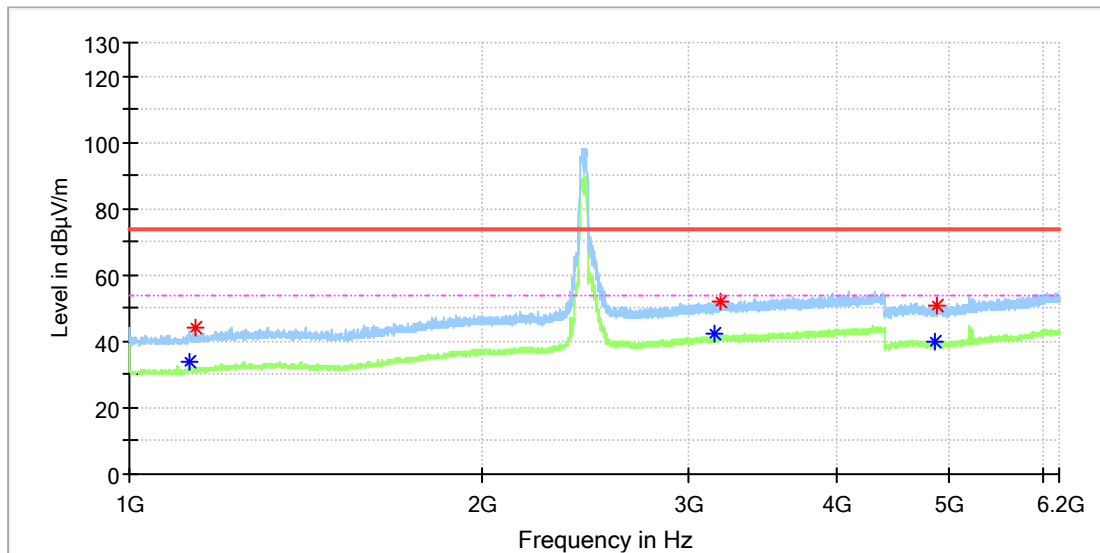
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7299.366667	---	33.93	54.00	20.07	150.0	V	201.0	8.3
7305.758333	43.33	---	74.00	30.67	150.0	V	16.0	8.3
12137.366667	---	40.57	54.00	13.43	150.0	V	287.0	14.3
12198.333333	50.23	---	74.00	23.77	150.0	V	5.0	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: WIFI2.4G_11N40_CH6
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

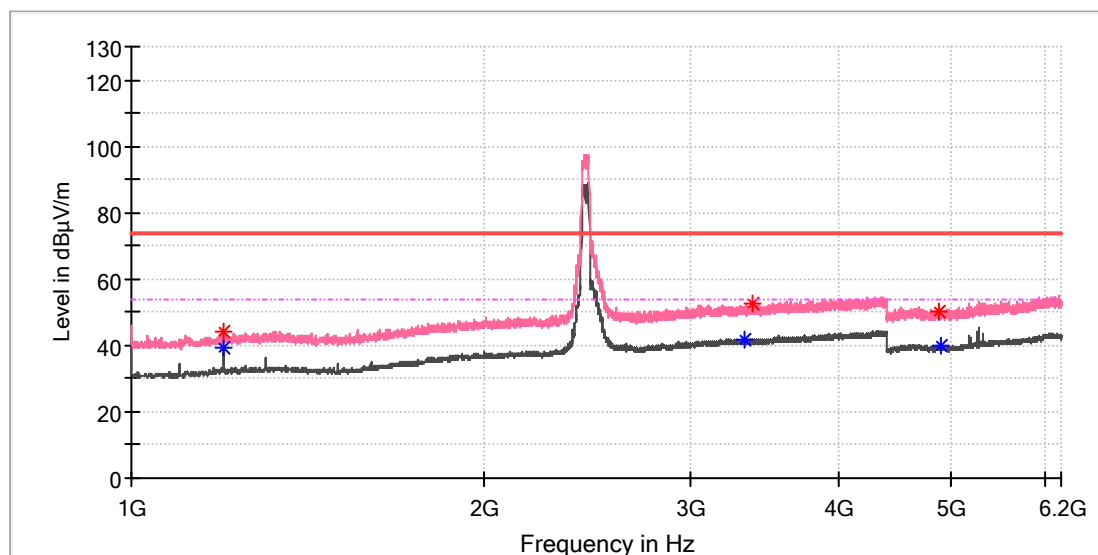
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1124.500000	---	34.11	54.00	19.89	150.0	H	201.0	0.3
1136.500000	43.86	---	74.00	30.14	150.0	H	332.0	0.5
3155.000000	---	42.15	54.00	11.85	150.0	H	195.0	8.5
3189.500000	52.25	---	74.00	21.75	150.0	H	27.0	8.6
4865.500000	---	39.72	54.00	14.28	150.0	H	260.0	11.8
4871.500000	50.85	---	74.00	23.15	150.0	H	266.0	11.8

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:	WIFI2.4G_11N40_CH6
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

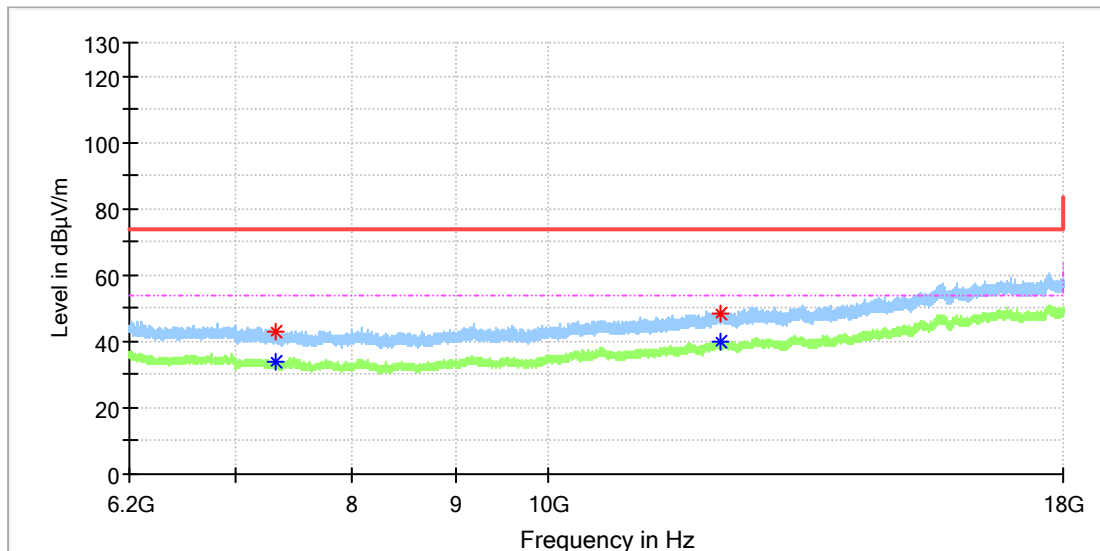
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1199.500000	---	39.03	54.00	14.97	150.0	V	306.0	1.1
1200.000000	44.29	---	74.00	29.71	150.0	V	3.0	1.1
3325.000000	---	41.91	54.00	12.09	150.0	V	0.0	8.6
3382.500000	52.76	---	74.00	21.24	150.0	V	60.0	8.7
4878.500000	49.98	---	74.00	24.02	150.0	V	356.0	11.8
4890.000000	---	39.62	54.00	14.38	150.0	V	120.0	11.8

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: WIFI2.4G_11N40_CH6
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

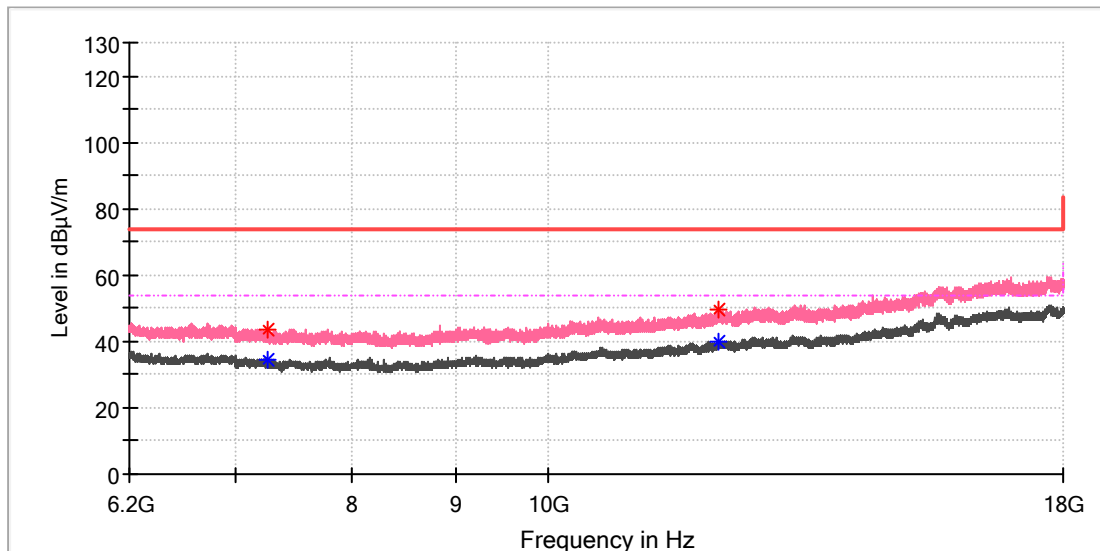
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7321.000000	---	33.77	54.00	20.23	150.0	H	30.0	8.2
7333.291667	43.06	---	74.00	30.94	150.0	H	0.0	8.1
12161.950000	---	40.12	54.00	13.88	150.0	H	91.0	14.5
12186.041667	48.41	---	74.00	25.59	150.0	H	194.0	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: WIFI2.4G_11N40_CH6
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)
7254.625000	43.49	---	74.00	30.51	150.0	V	209.0	8.5
7255.116667	---	34.59	54.00	19.41	150.0	V	171.0	8.5
12135.891667	49.38	---	74.00	24.62	150.0	V	147.0	14.3
12135.891667	---	40.20	54.00	13.80	150.0	V	147.0	14.3

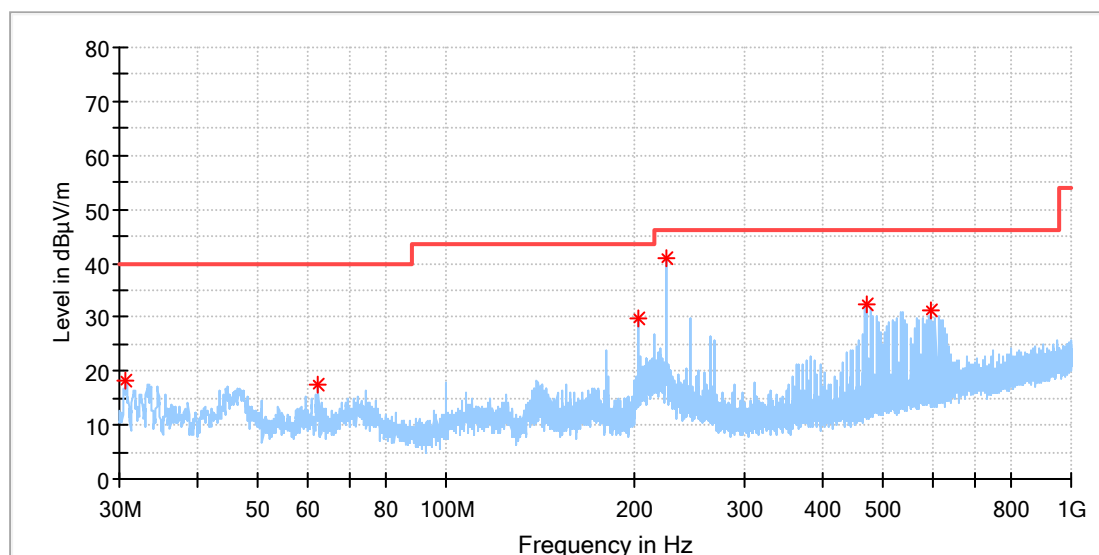
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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30MHz - 1GHz for co-location

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI 2.4G_11b_Ch1+SDR 5.8G_10M_5787.5MHz
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

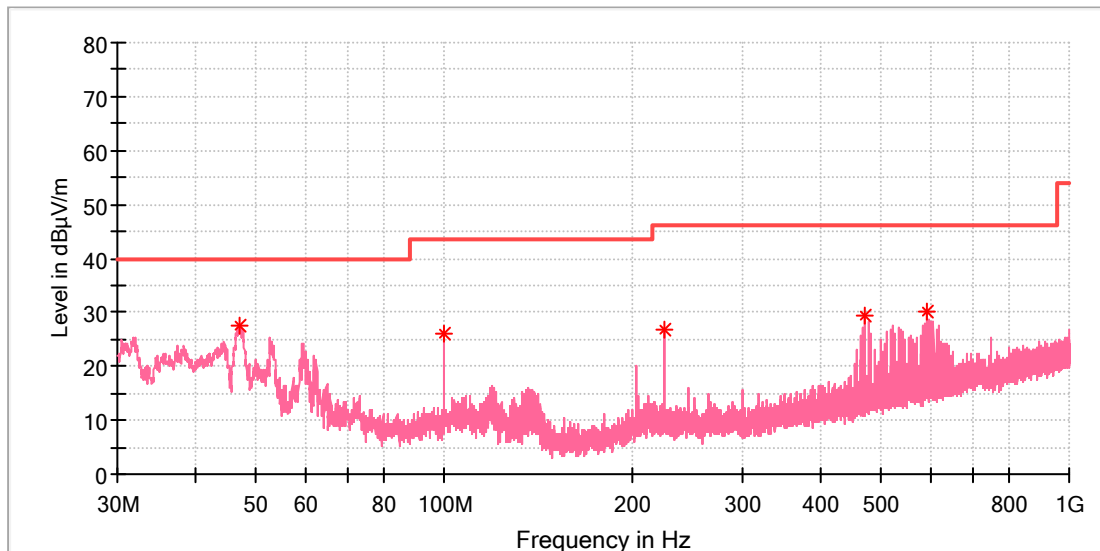
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.746154	18.35	40.00	21.65	100.0	H	153.0	-23.2
62.495000	17.56	40.00	22.44	100.0	H	234.0	-19.9
203.555385	29.66	43.50	13.84	100.0	H	327.0	-19.3
225.007308	40.88	46.00	5.12	100.0	H	113.0	-18.7
472.506539	32.38	46.00	13.62	100.0	H	259.0	-12.8
597.524615	31.09	46.00	14.91	100.0	H	275.0	-10.2

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: WIFI 2.4G_11b_Ch1+SDR 5.8G_10M_5787.5MHz
Order No/Sample No: 168474698/A003723392-006
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC part 15C
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)
46.900385	27.55	40.00	12.45	100.0	V	193.0	-18.8
99.989231	26.19	43.50	17.31	100.0	V	27.0	-19.3
225.007308	26.93	46.00	19.07	100.0	V	193.0	-18.7
472.506539	29.44	46.00	16.56	100.0	V	95.0	-12.8
592.525385	30.22	46.00	15.78	100.0	V	0.0	-10.4

Final_Result

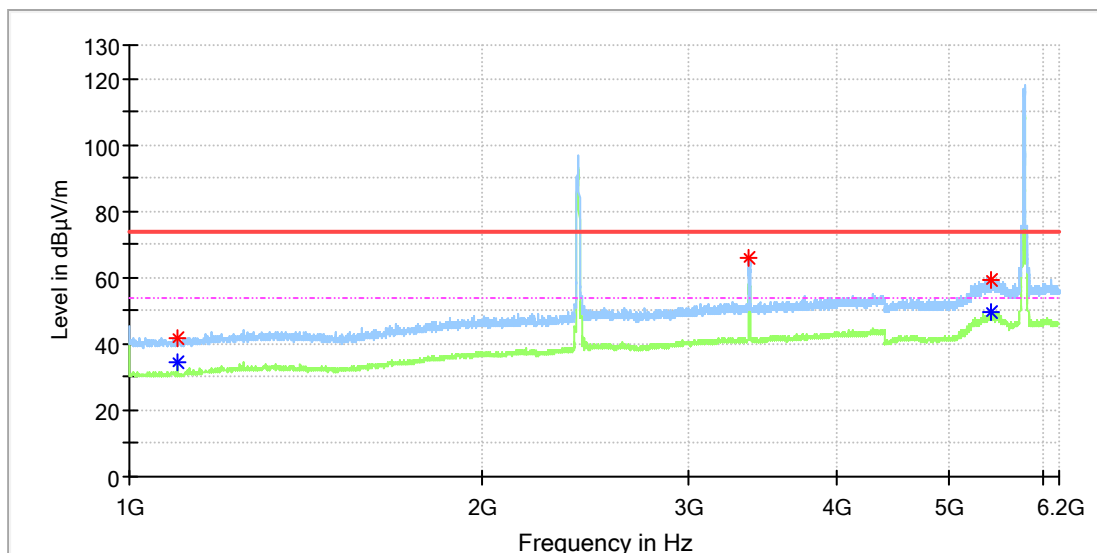
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz for co-location

Note: The highest waveform in the figure is Wi-Fi and/or SDR Fundamental.

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI 2.4G_11b_Ch1+SDR 5.8G_10M_5787.5MHz
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

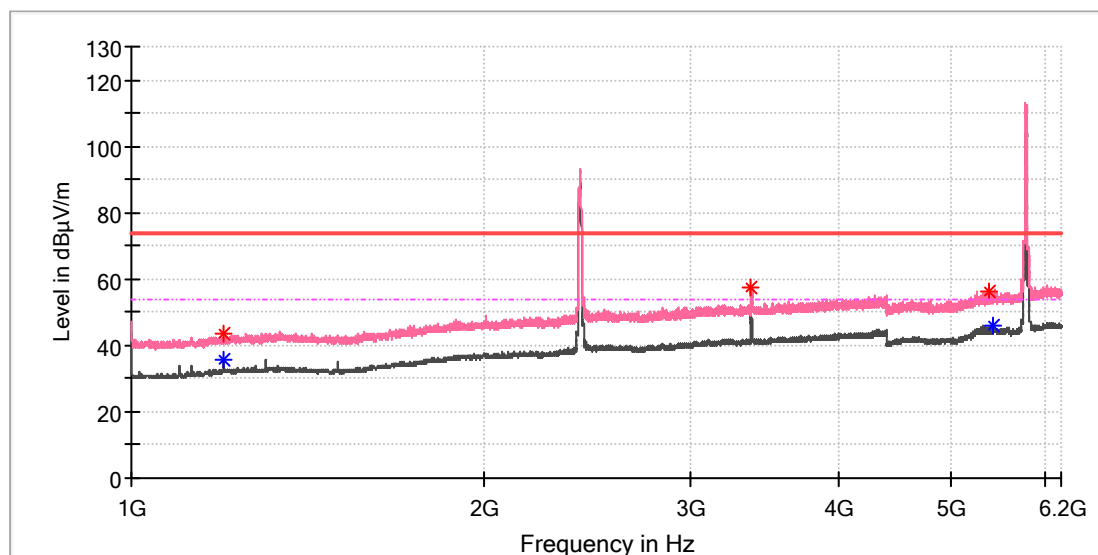
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1100.000000	42.01	---	74.00	31.99	150.0	H	338.0	-0.2
1100.000000	---	34.37	54.00	19.63	150.0	H	338.0	-0.2
3375.000000	66.15	---	68.20	2.05	150.0	H	123.0	8.6
5413.500000	59.54	---	74.00	14.46	150.0	H	164.0	13.5
5423.000000	---	49.28	54.00	4.72	150.0	H	164.0	13.5

Final_Result

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

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI 2.4G_11b_Ch1+SDR 5.8G_10M_5787.5MHz
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

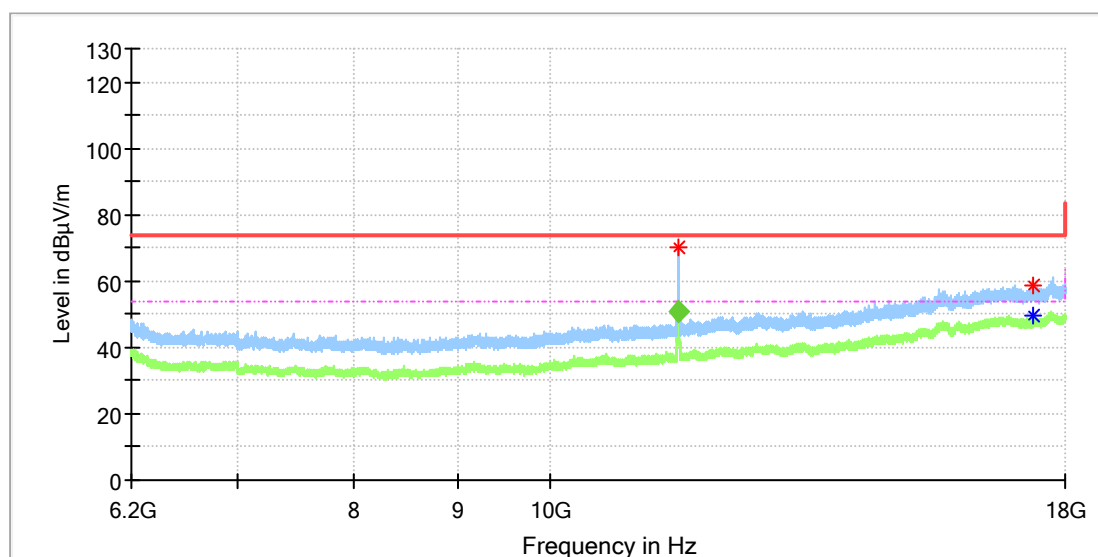
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	43.70	---	74.00	30.30	150.0	V	272.0	1.1
1200.000000	---	35.90	54.00	18.10	150.0	V	272.0	1.1
3373.500000	57.55	---	68.20	10.65	150.0	V	225.0	8.6
5381.000000	56.23	---	74.00	17.77	150.0	V	279.0	13.4
5419.000000	---	45.71	54.00	8.29	150.0	V	286.0	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:	WIFI 2.4G_11b_Ch1+SDR 5.8G_10M_5787.5MHz
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

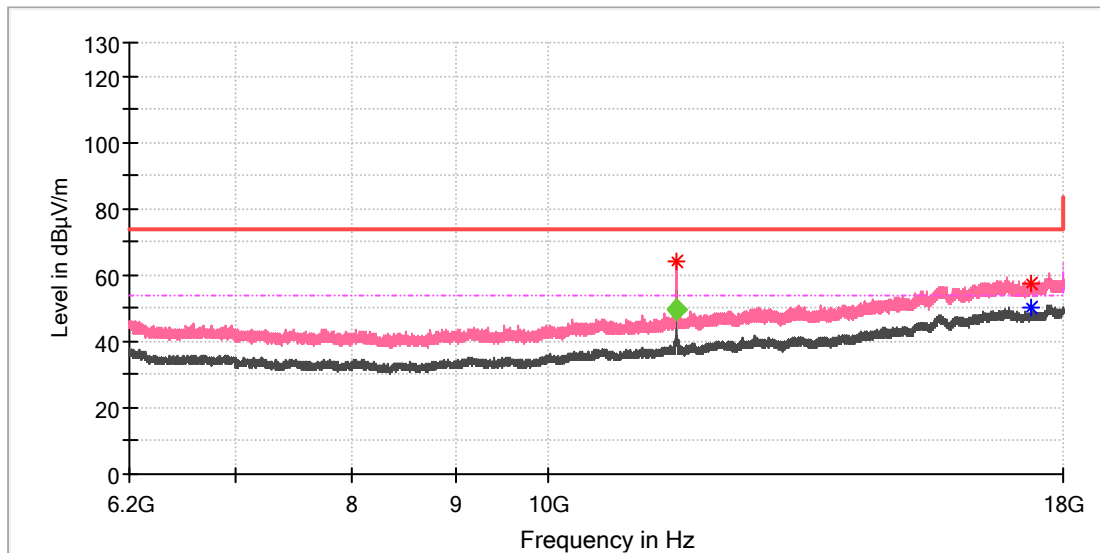
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11574.408333	69.87	---	74.00	4.13	150.0	H	199.0	13.4
17361.325000	58.81	---	74.00	15.19	150.0	H	89.0	21.8
17361.325000	---	49.76	54.00	4.24	150.0	H	89.0	21.8

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11574.342083	50.70	54.00	3.30	148.0	H	194.0	13.4

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI 2.4G_11b_Ch1+SDR 5.8G_10M_5787.5MHz
Order No/Sample No:	168474698/A003723392-006
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC part 15C
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)
11571.458333	64.34	---	74.00	9.66	150.0	V	225.0	13.4
17361.816667	57.65	---	74.00	16.35	150.0	V	200.0	21.8
17363.783333	---	50.19	54.00	3.81	150.0	V	200.0	21.8

Final Result

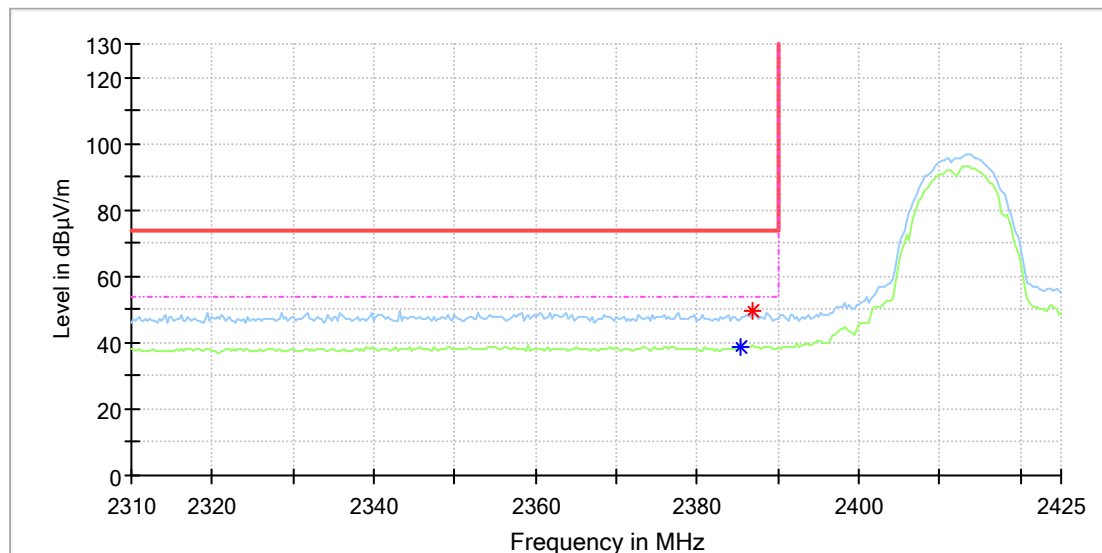
Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11574.572500	49.84	54.00	4.16	149.0	V	220.0	13.4

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

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI2.4G_11B_CH1
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

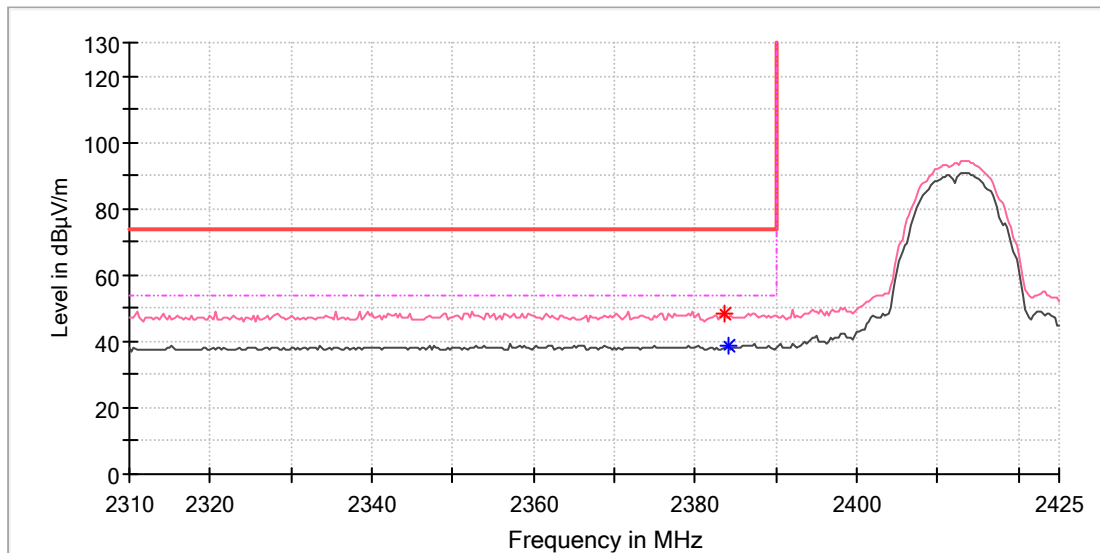
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.294118	---	38.89	54.00	15.11	150.0	H	206.0	7.0
2386.764706	49.28	---	74.00	24.72	150.0	H	206.0	7.0

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:	WIFI2.4G_11B_CH1
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

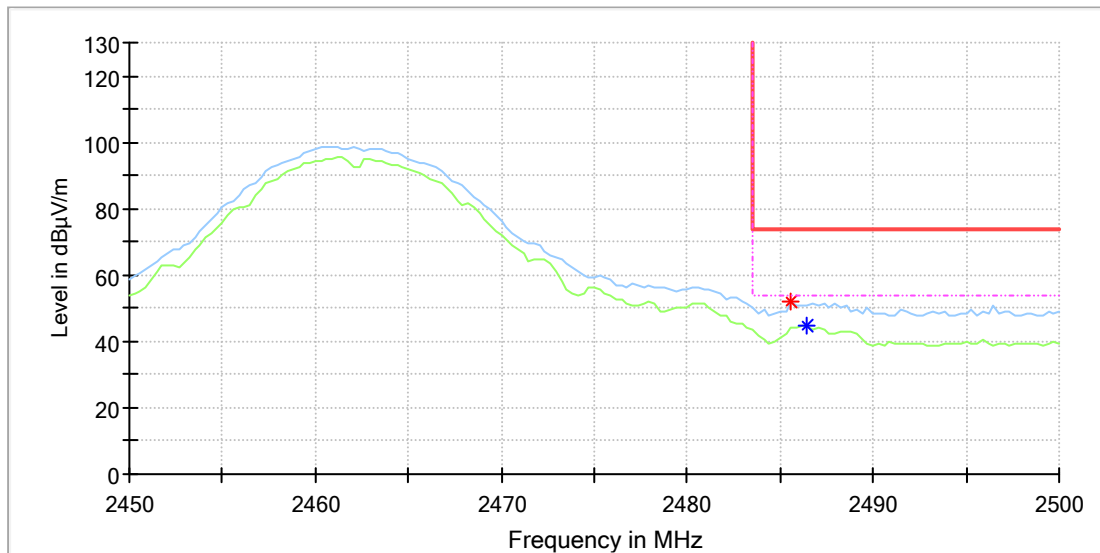
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.529412	48.42	---	74.00	25.58	150.0	V	283.0	7.0
2384.117647	---	38.76	54.00	15.24	150.0	V	145.0	7.0

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: WIFI2.4G_11B_CH11
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

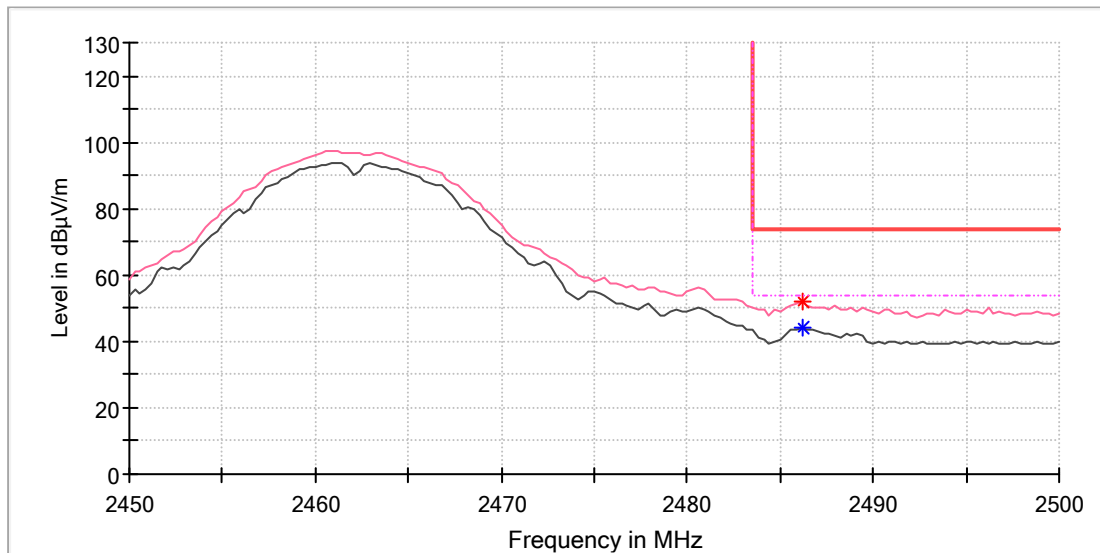
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.588235	51.98	---	74.00	22.02	150.0	H	209.0	7.4
2486.470588	---	44.93	54.00	9.07	150.0	H	209.0	7.4

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: WIFI2.4G_11B_CH11
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)
2486.176471	---	43.87	54.00	10.13	150.0	V	166.0	7.4
2486.176471	52.01	---	74.00	21.99	150.0	V	166.0	7.4

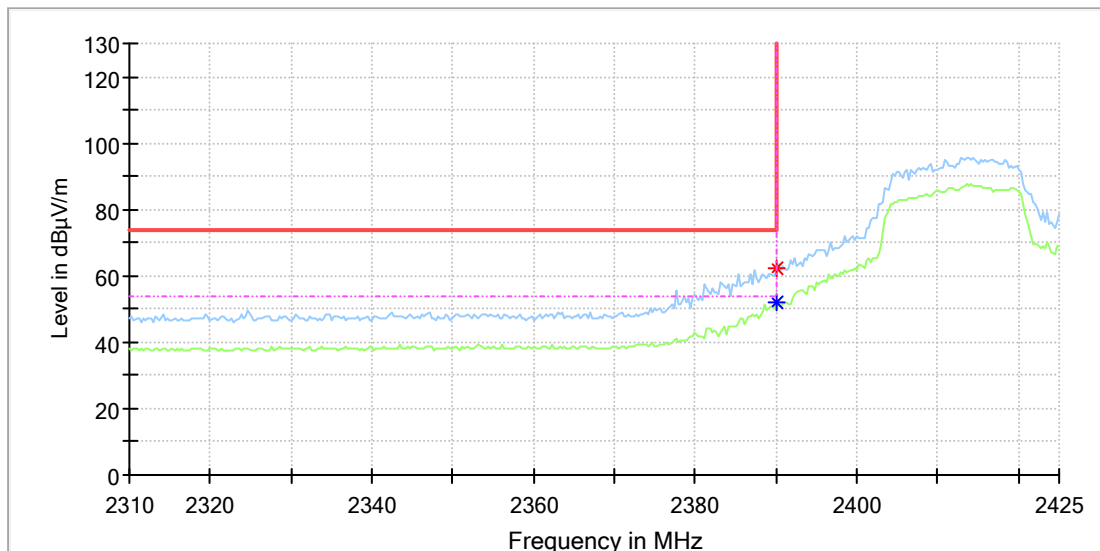
Final Result

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

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI2.4G_11G_CH1
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

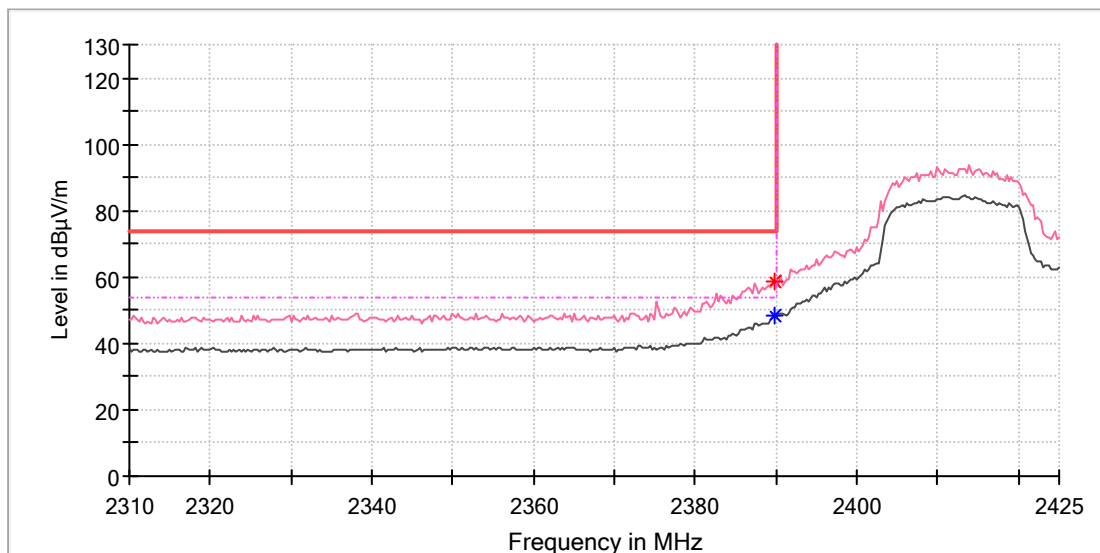
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	62.28	---	74.00	11.72	150.0	H	209.0	7.0
2390.000000	---	51.75	54.00	2.25	150.0	H	209.0	7.0

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: WIFI2.4G_11G_CH1
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

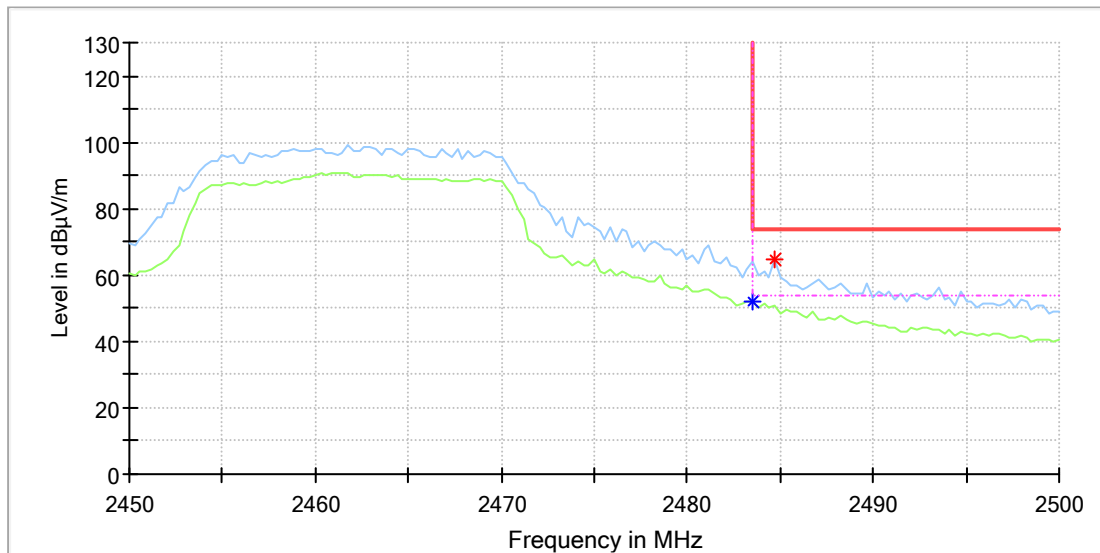
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	58.61	---	74.00	15.39	150.0	V	131.0	7.0
2389.705882	---	48.44	54.00	5.56	150.0	V	131.0	7.0

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: WIFI2.4G_11G_CH11
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

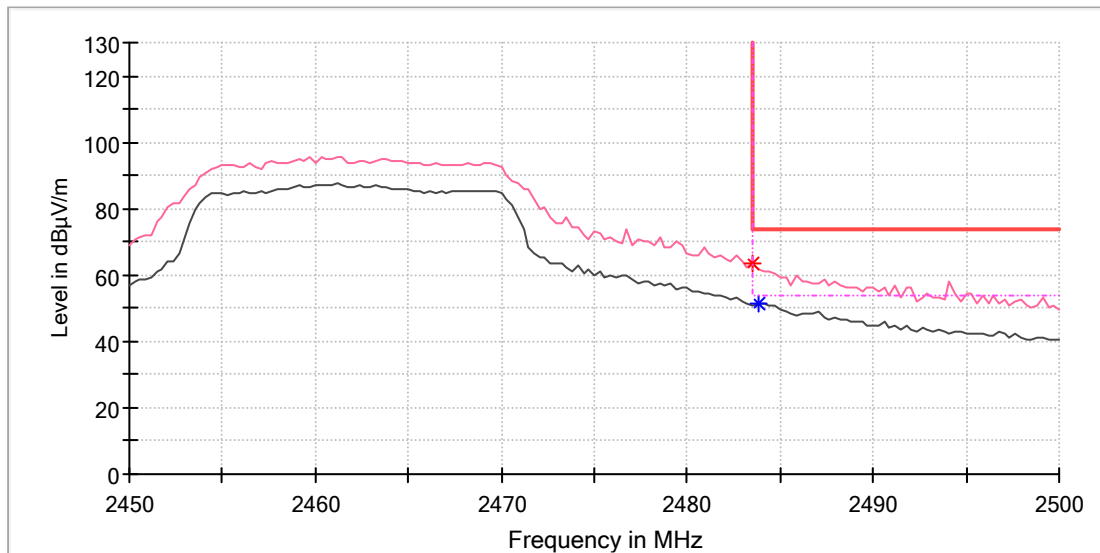
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	51.97	54.00	2.03	150.0	H	208.0	7.4
2484.705882	64.76	---	74.00	9.24	150.0	H	219.0	7.4

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:	WIFI2.4G_11G_CH11
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)
2483.529412	63.41	---	74.00	10.59	150.0	V	160.0	7.4
2483.823529	---	51.57	54.00	2.43	150.0	V	154.0	7.4

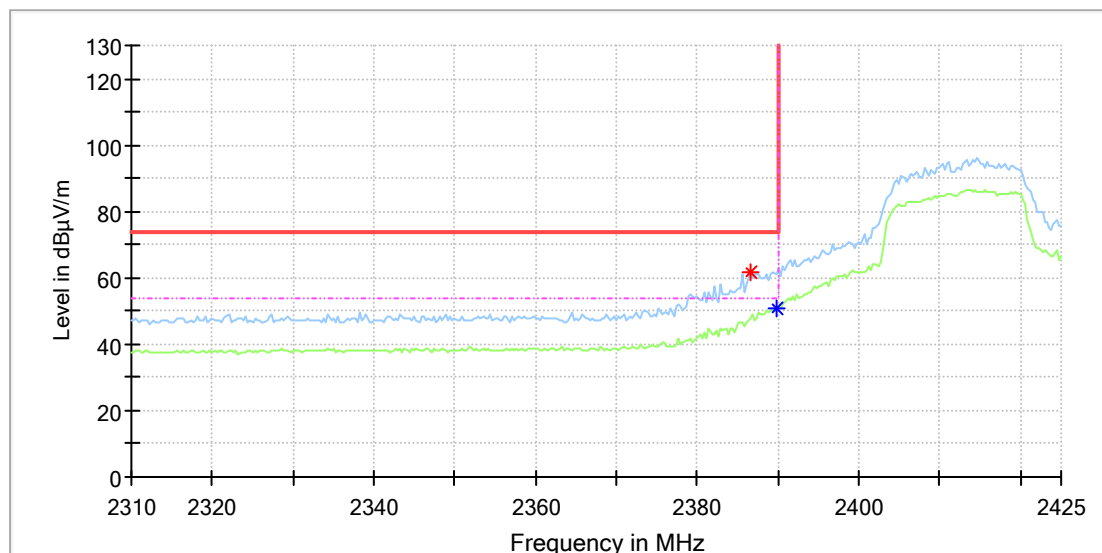
Final Result

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

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI2.4G_11N20_CH1
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

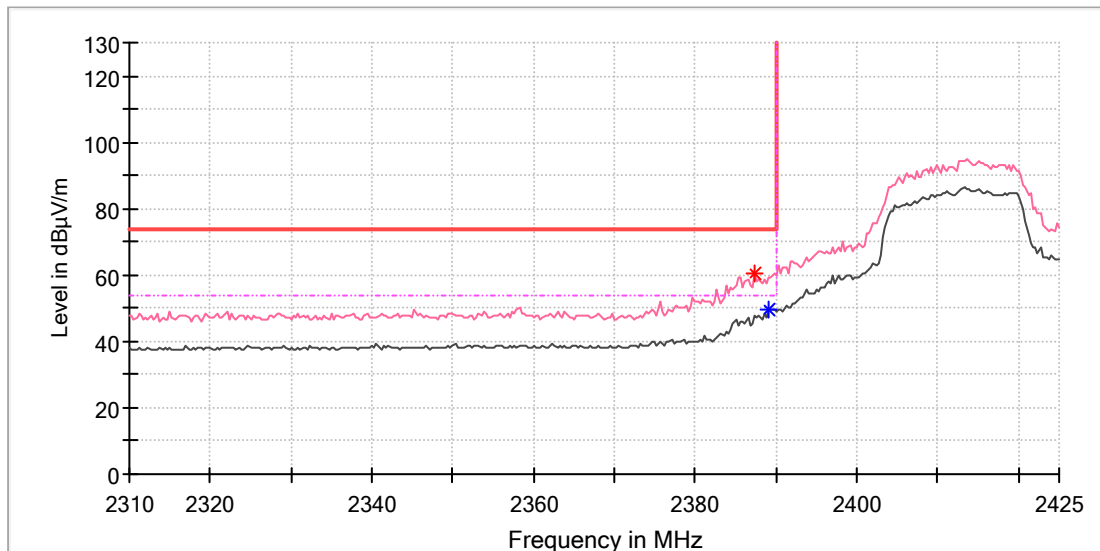
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	61.63	---	74.00	12.37	150.0	H	222.0	7.0
2389.705882	---	50.78	54.00	3.22	150.0	H	216.0	7.0

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: WIFI2.4G_11N20_CH1
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

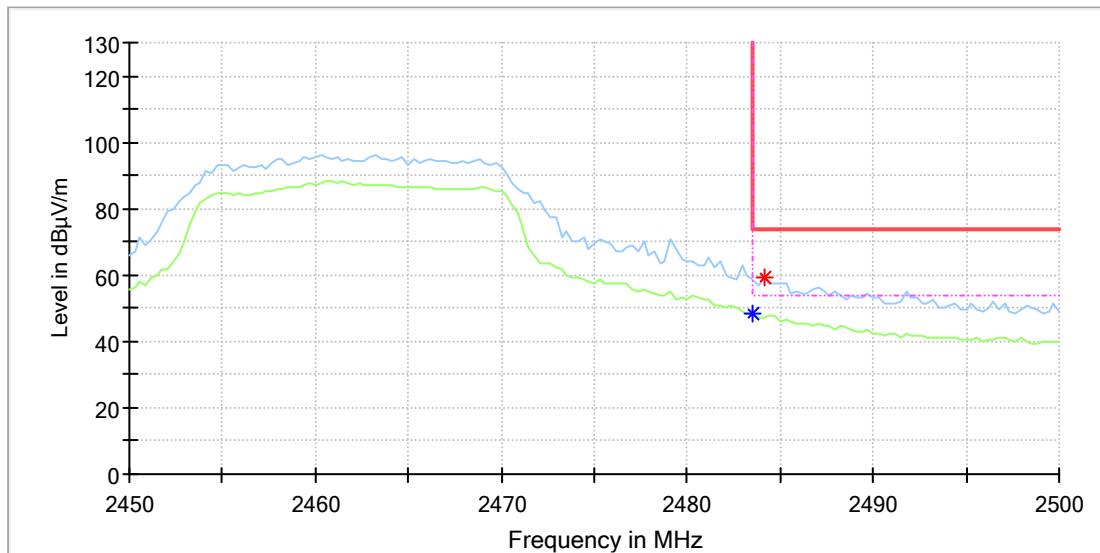
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.352941	60.37	---	74.00	13.63	150.0	V	94.0	7.0
2389.117647	---	49.71	54.00	4.29	150.0	V	94.0	7.0

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:	WIFI2.4G_11N20_CH11
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

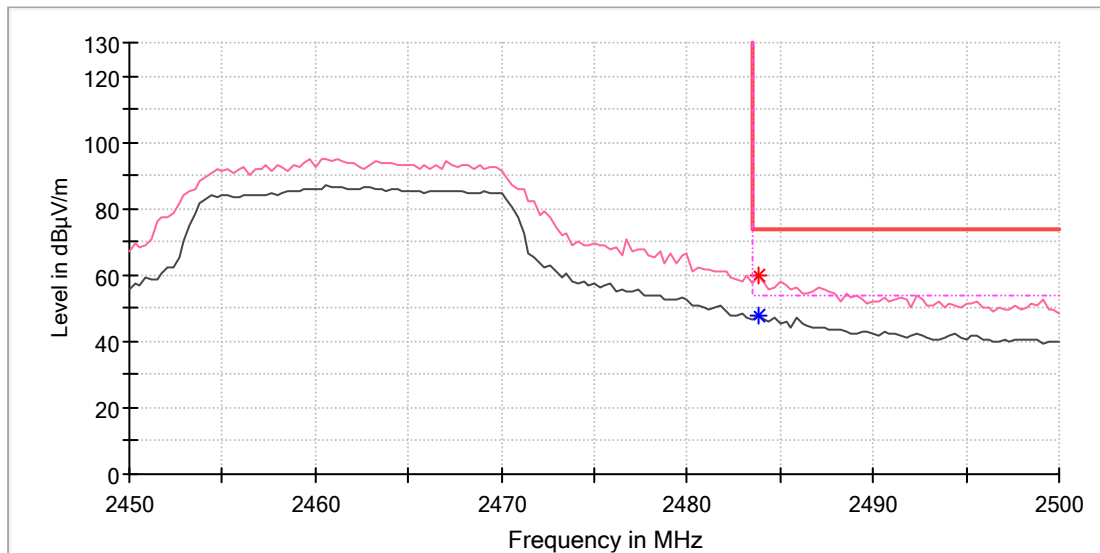
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	48.58	54.00	5.42	150.0	H	213.0	7.4
2484.117647	59.17	---	74.00	14.83	150.0	H	213.0	7.4

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: WIFI2.4G_11N20_CH11
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)
2483.823529	---	47.66	54.00	6.34	150.0	V	177.0	7.4
2483.823529	59.71	---	74.00	14.29	150.0	V	177.0	7.4

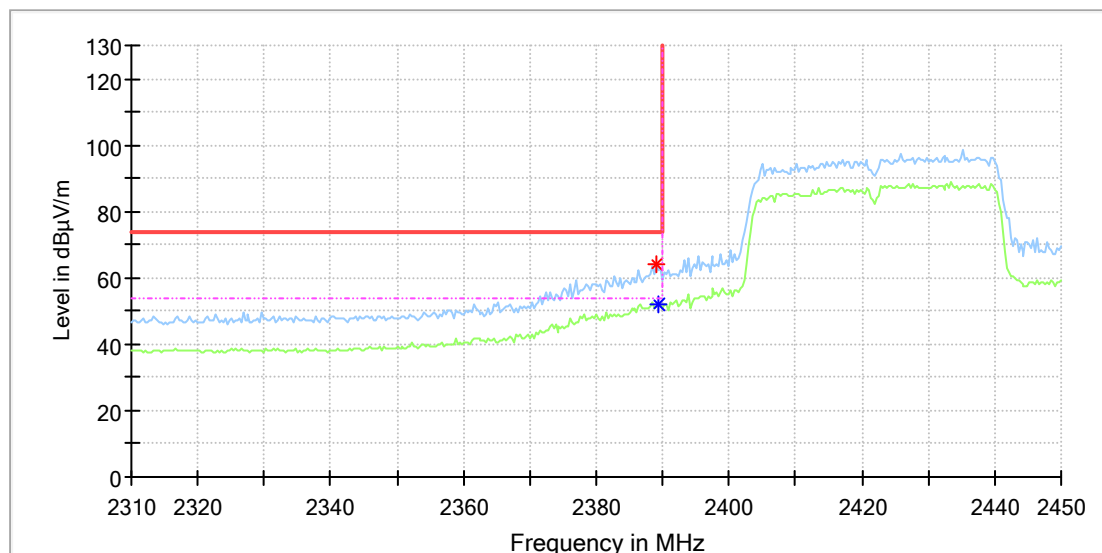
Final Result

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

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	Drone
Model:	L3A
Test Mode:	WIFI2.4G_11N40_CH3
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

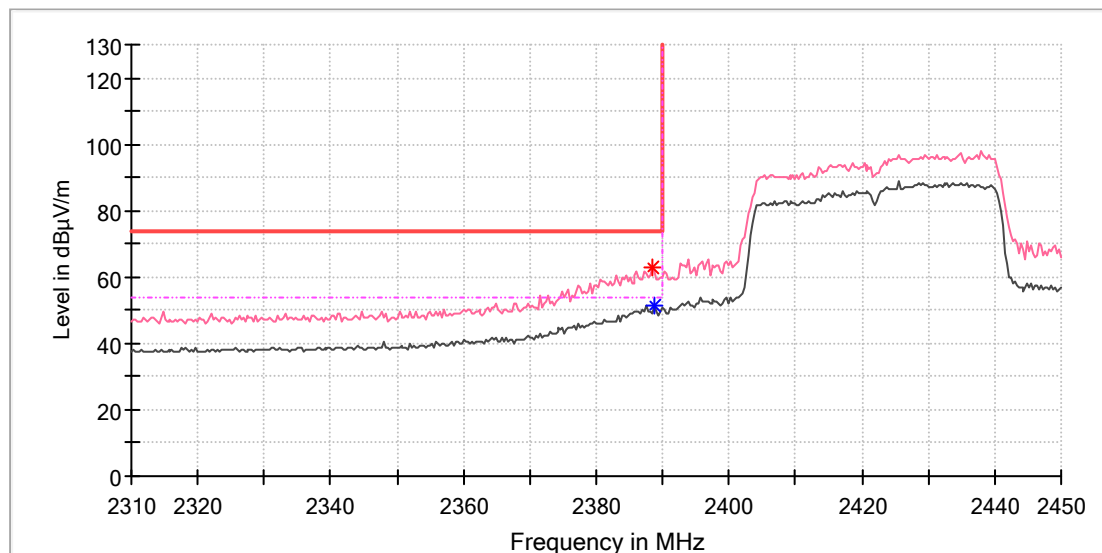
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	64.31	---	74.00	9.69	150.0	H	208.0	7.0
2389.411765	---	51.98	54.00	2.02	150.0	H	215.0	7.0

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:	WIFI2.4G_11N40_CH3
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

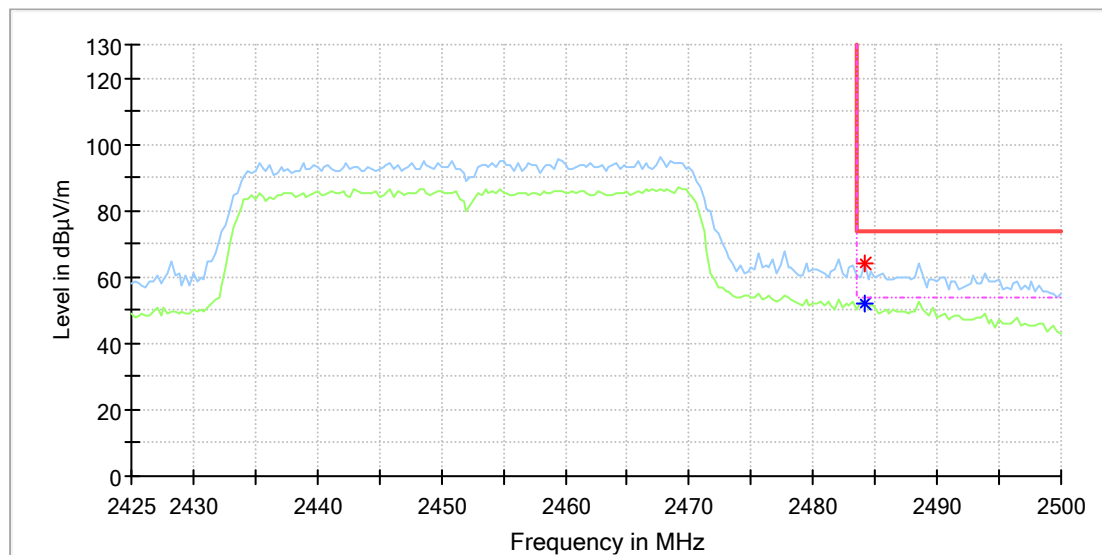
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	62.75	---	74.00	11.25	150.0	V	121.0	7.0
2388.823529	---	51.50	54.00	2.50	150.0	V	106.0	7.0

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:	WIFI2.4G_11N40_CH6
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

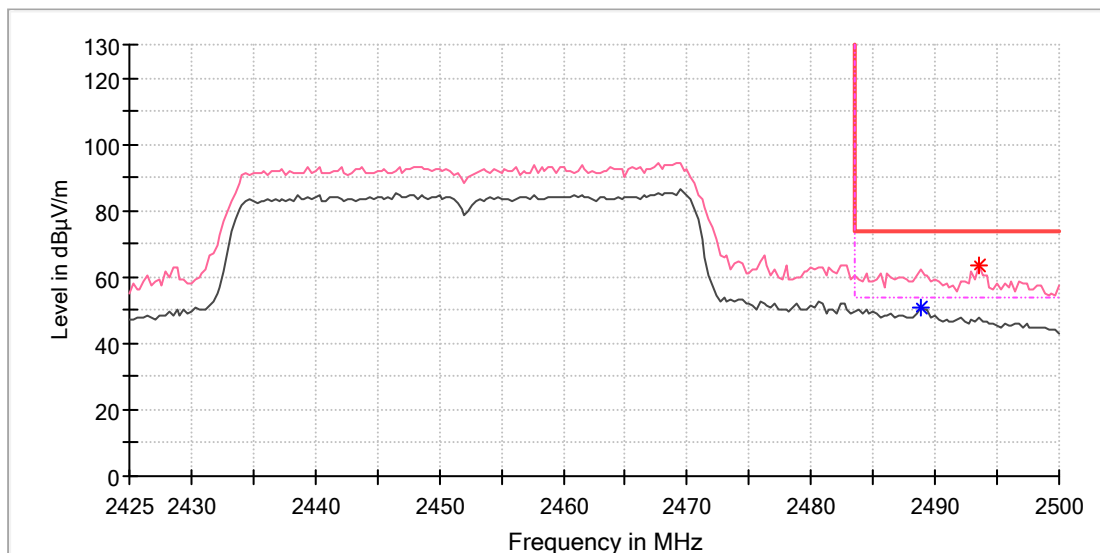
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	---	51.90	54.00	2.10	150.0	H	325.0	7.4
2484.117647	63.97	---	74.00	10.03	150.0	H	325.0	7.4

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:	WIFI2.4G_11N40_CH6
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)
2488.823529	---	50.96	54.00	3.04	150.0	V	90.0	7.4
2493.529412	63.20	---	74.00	10.80	150.0	V	104.0	7.4

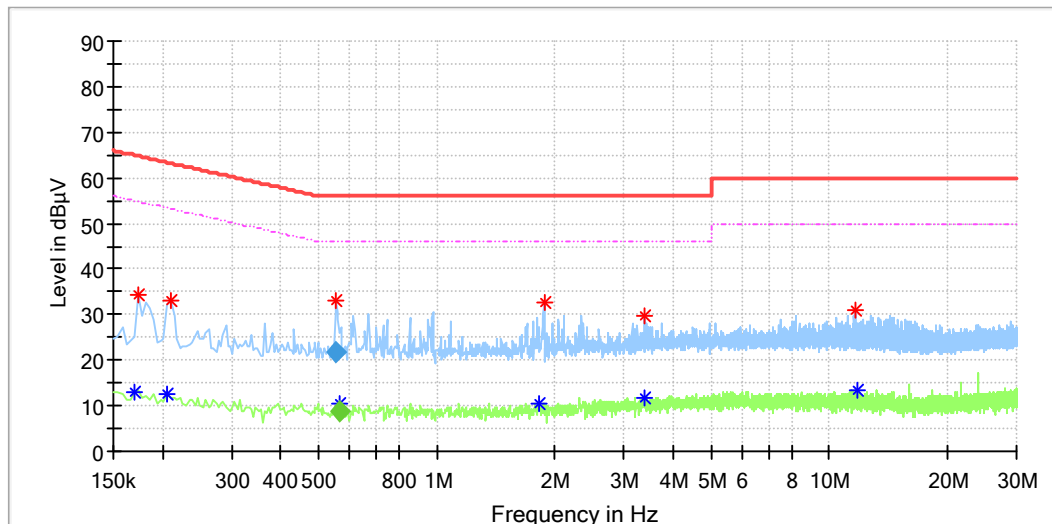
Final Result

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

EUT Information

EUT Name: Drone
Order Number: 168484696
Model: L3A
Test Mode: Wi-Fi 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

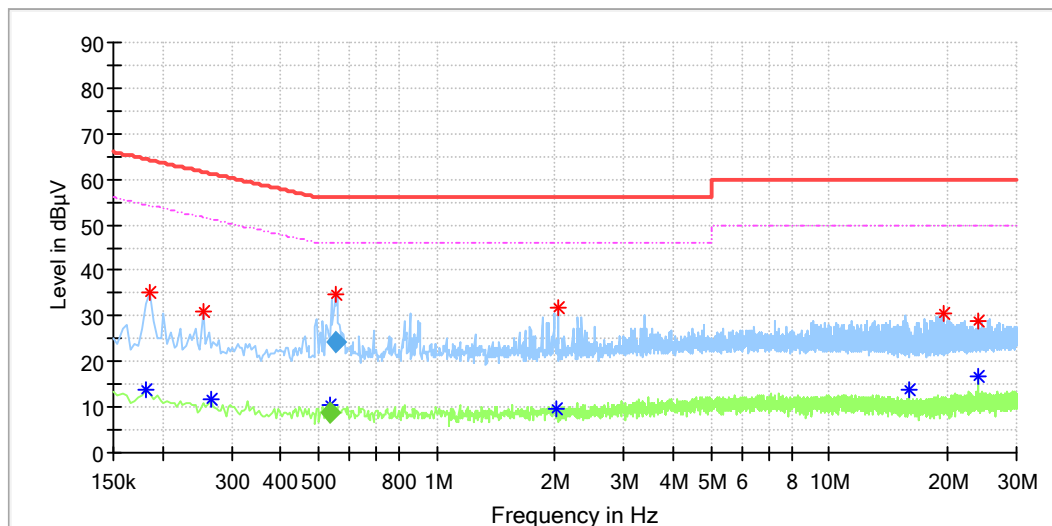
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.170000	---	12.93	54.96	42.03	L1	9.9
0.174000	34.28	---	64.77	30.49	L1	9.9
0.206000	---	12.77	53.37	40.60	L1	9.9
0.210000	33.26	---	63.21	29.95	L1	9.9
0.553500	32.97	---	56.00	23.03	L1	10.0
0.565500	---	10.51	46.00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