

Appendix A: Test Results of 2.4GHz SDR

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

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M	Ant1	2403.5	-0.27	≤8	PASS
	Ant2	2403.5	-0.87	≤8	PASS
	Ant1	2435.5	0.22	≤8	PASS
	Ant2	2435.5	-0.35	≤8	PASS
	Ant1	2469.5	0.47	≤8	PASS
	Ant2	2469.5	-0.43	≤8	PASS

1.4M Ant1 2403.5



1.4M Ant2 2403.5



1.4M Ant1 2435.5



1.4M_Ant2_2435.5



1.4M Ant1 2469.5



1.4M Ant2 2469.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M-CA	Ant1	2405.12	0.25	≤8	PASS
	Ant2	2405.12	-0.56	≤8	PASS
	Ant1	2437.12	-0.2	≤8	PASS
	Ant2	2437.12	-1.03	≤8	PASS
	Ant1	2471.12	0.64	≤8	PASS
	Ant2	2471.12	-0.85	≤8	PASS

1.4M-CA Ant1 2405.12



1.4M-CA Ant2 2405.12



1.4M-CA Ant1 2437.12





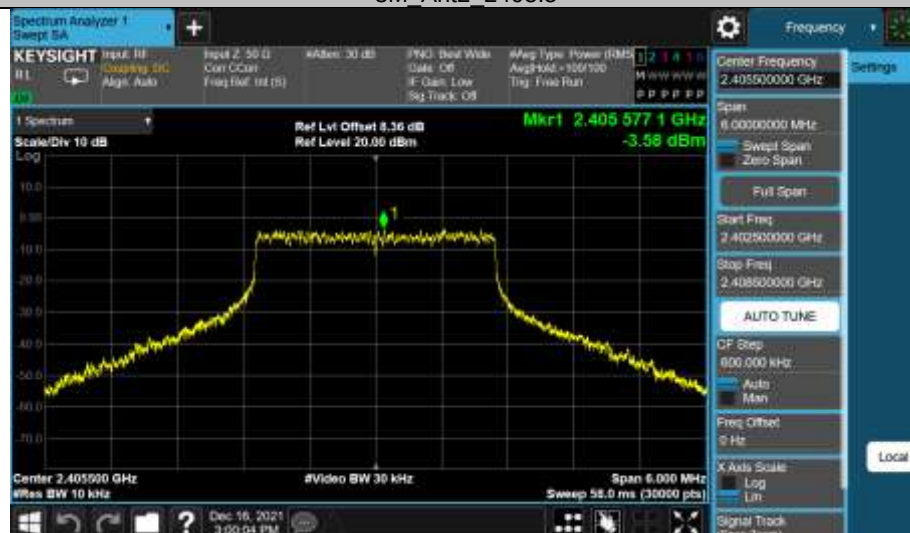
2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3M	Ant1	2405.5	-2.81	≤8	PASS
	Ant2	2405.5	-3.58	≤8	PASS
	Ant1	2435.5	-2.81	≤8	PASS
	Ant2	2435.5	-3.43	≤8	PASS
	Ant1	2468.5	-3.1	≤8	PASS
	Ant2	2468.5	-3.52	≤8	PASS

3M_Ant1_2405.5



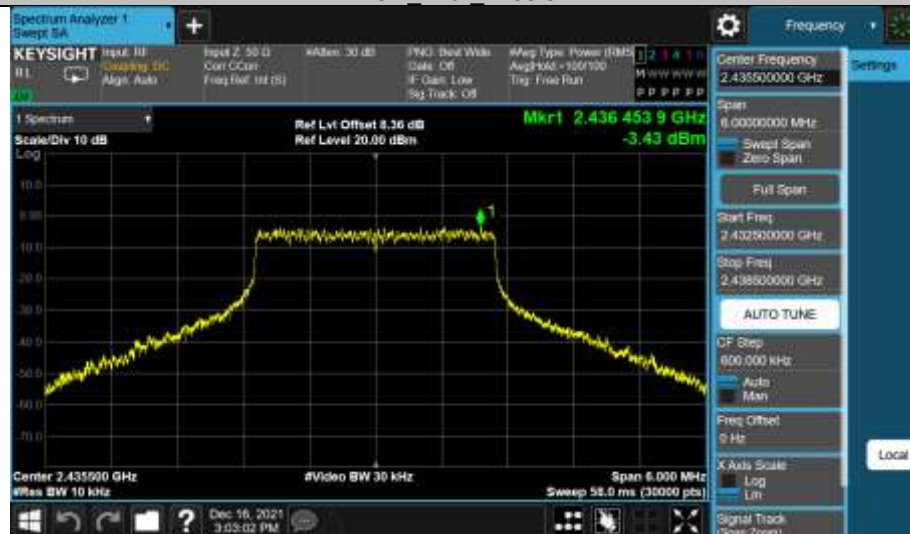
3M_Ant2_2405.5



3M_Ant1_2435.5



3M_Ant2_2435.5



3M_Ant1_2468.5



3M_Ant2_2468.5



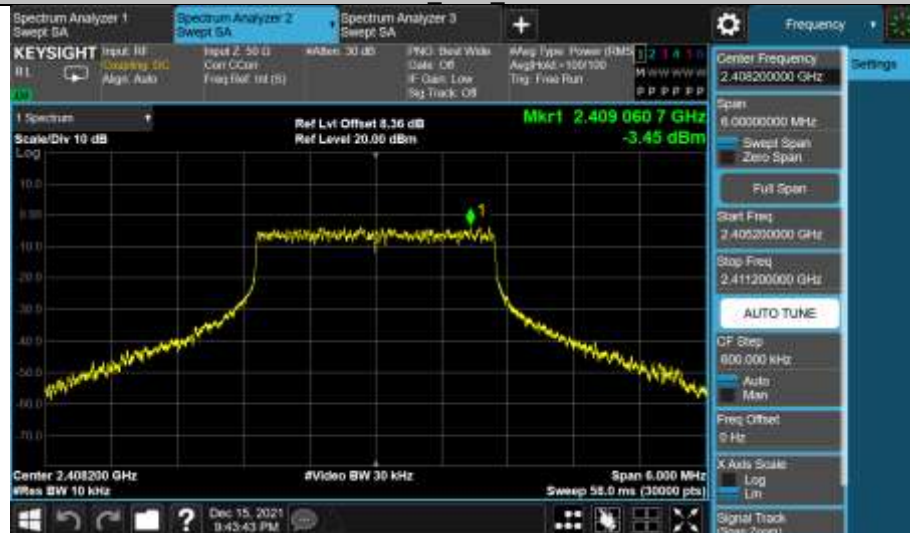
2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3M-CA	Ant1	2408.2	-3.63	≤8	PASS
	Ant2	2408.2	-3.45	≤8	PASS
	Ant1	2438.2	-3.22	≤8	PASS
	Ant2	2438.2	-3.43	≤8	PASS
	Ant1	2471.2	-2.68	≤8	PASS
	Ant2	2471.2	-3.56	≤8	PASS

3M-CA_Ant1_2408.2



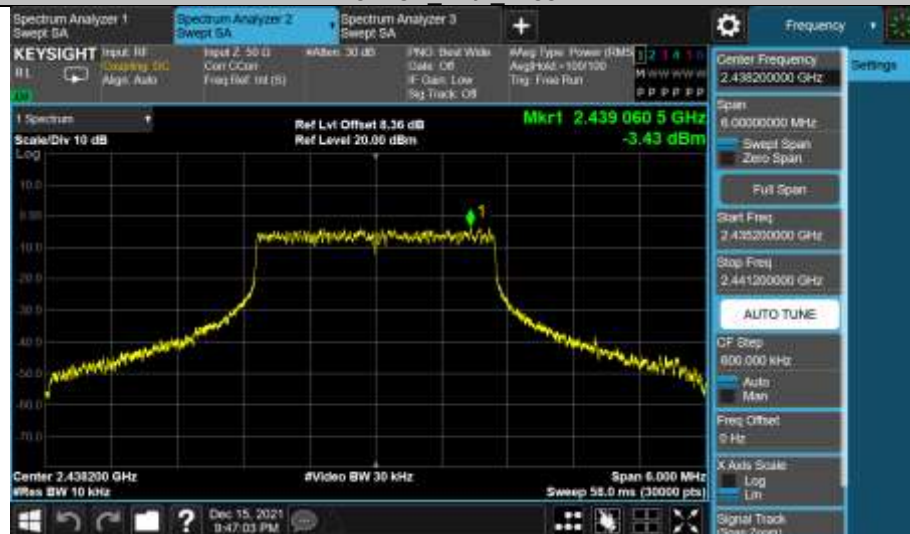
3M-CA_Ant2_2408.2



3M-CA_Ant1_2438.2



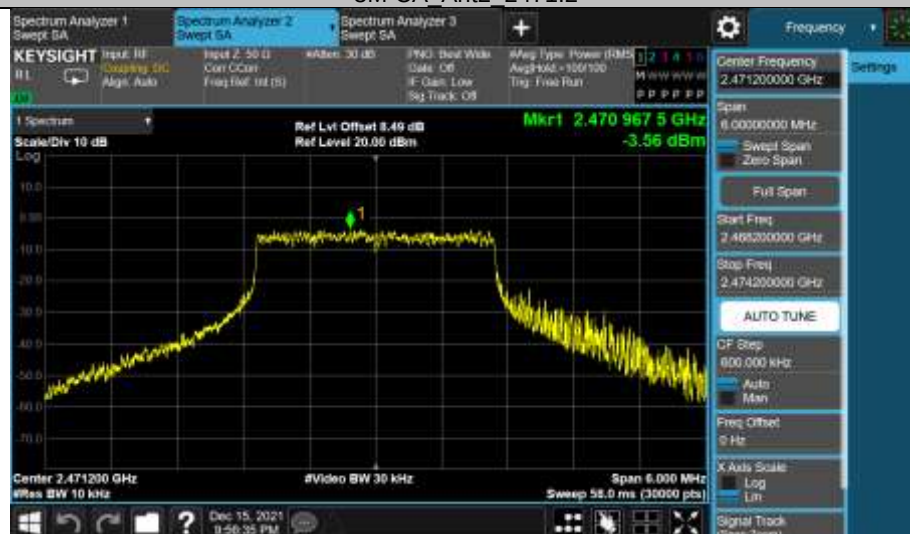
3M-CA_Ant2_2438.2



3M-CA_Ant1_2471.2



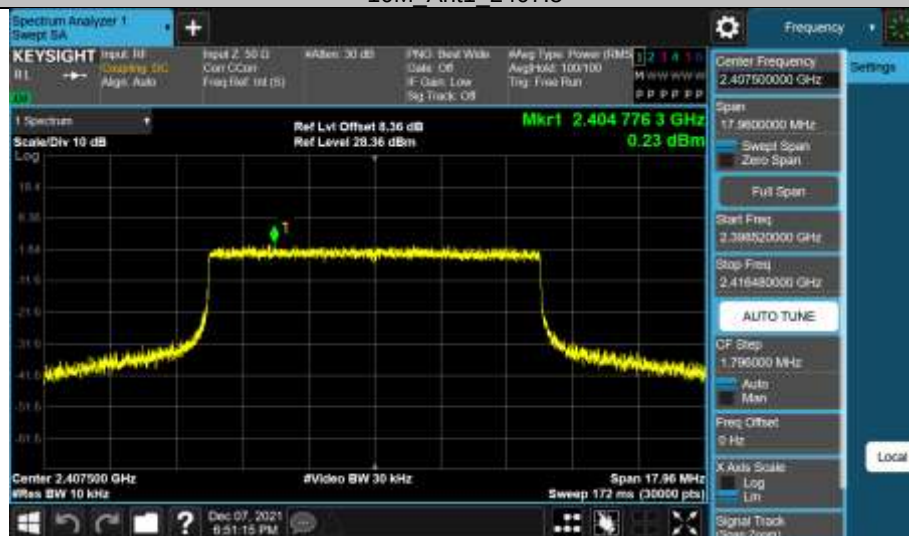
3M-CA_Ant2_2471.2



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
10M	Ant1	2407.5	0.23	≤8	PASS
	Ant2	2407.5	2.27	≤8	PASS
	Ant1	2437.5	1.77	≤8	PASS
	Ant2	2437.5	1.18	≤8	PASS
	Ant1	2467.5	0.02	≤8	PASS
	Ant2	2467.5	-0.84	≤8	PASS

10M_Ant1_2407.5

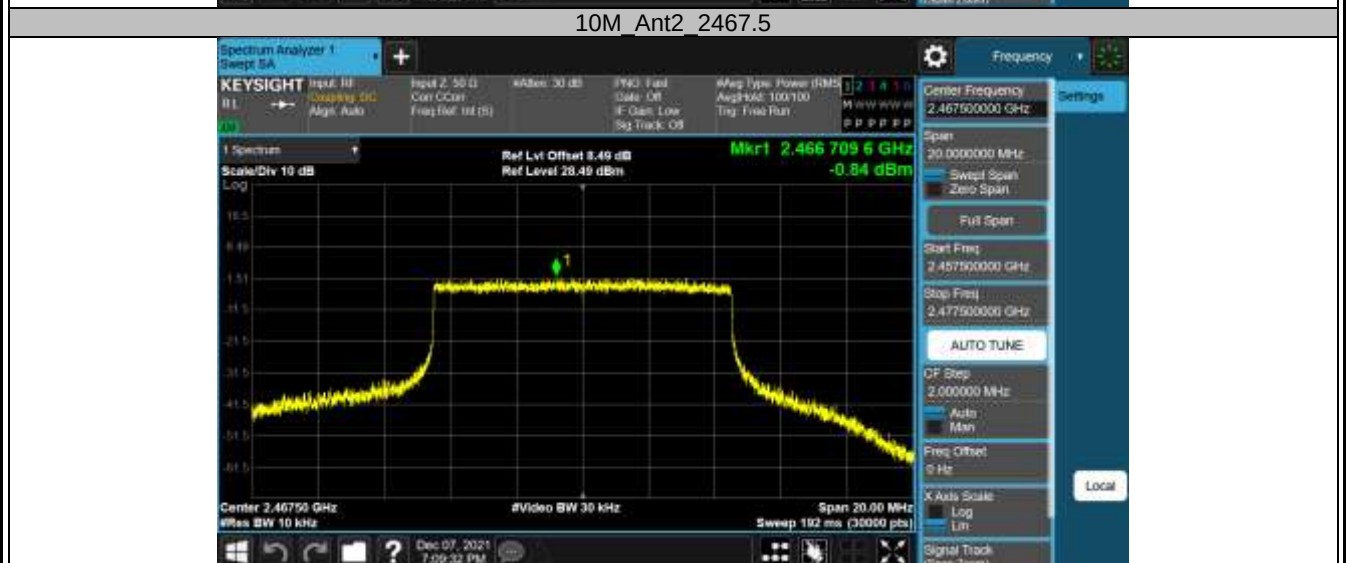
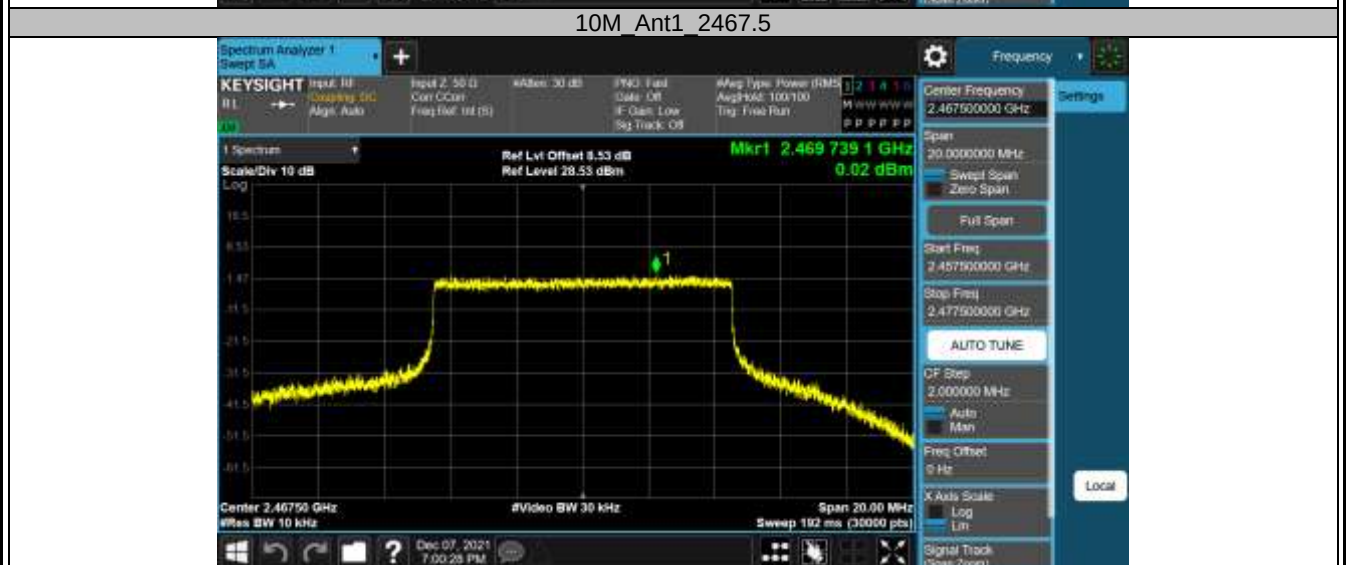
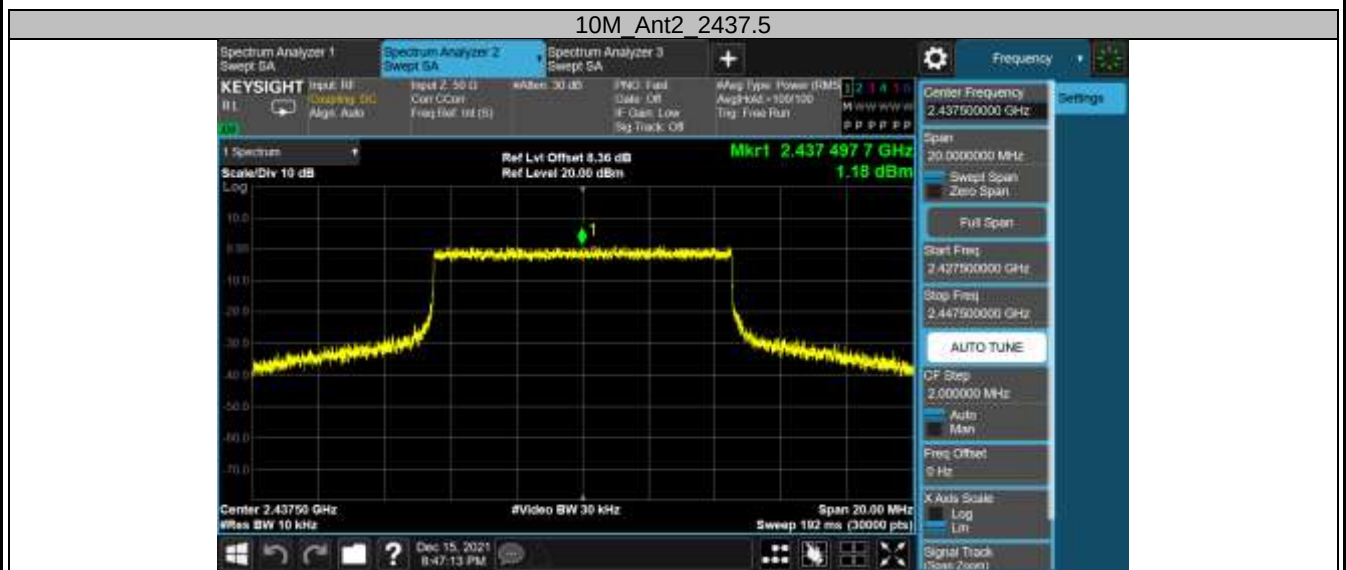


10M_Ant2_2407.5



10M_Ant1_2437.5

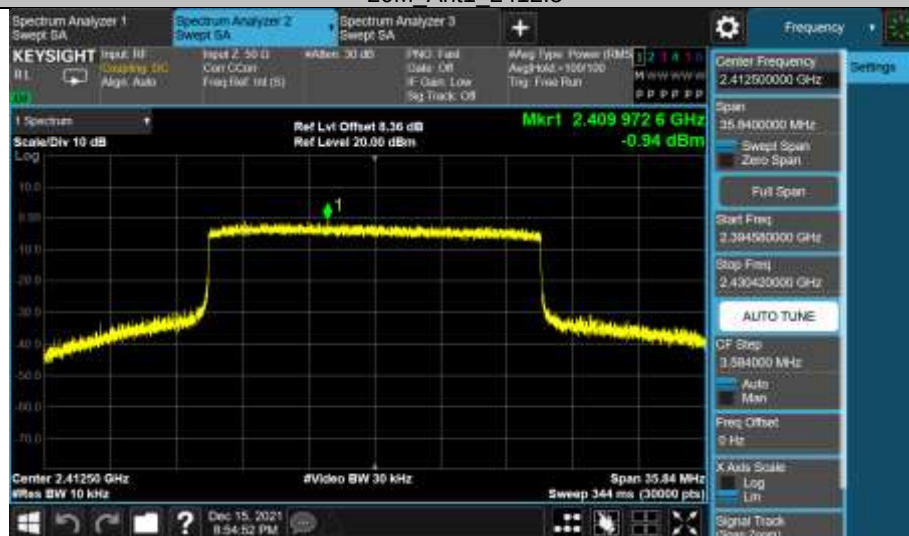




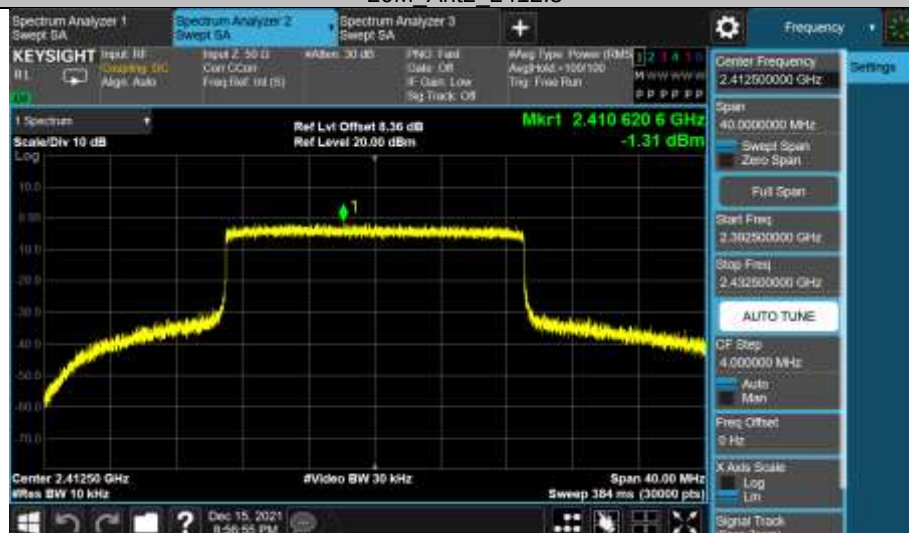
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
20M	Ant1	2412.5	-0.94	≤8	PASS
	Ant2	2412.5	-1.31	≤8	PASS
	Ant1	2437.5	-0.81	≤8	PASS
	Ant2	2437.5	-0.82	≤8	PASS
	Ant1	2462.5	-2.27	≤8	PASS
	Ant2	2462.5	-2.05	≤8	PASS

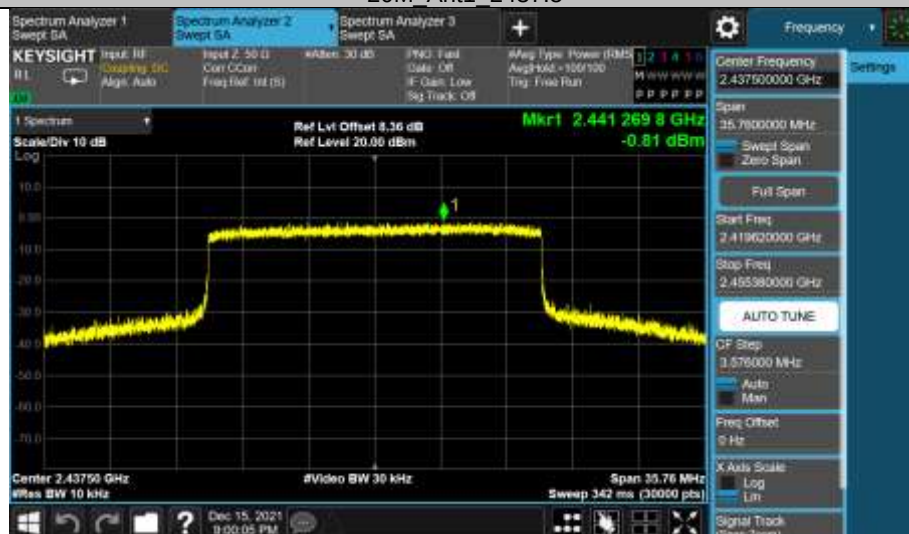
20M_Ant1_2412.5



20M_Ant2_2412.5



20M_Ant1_2437.5



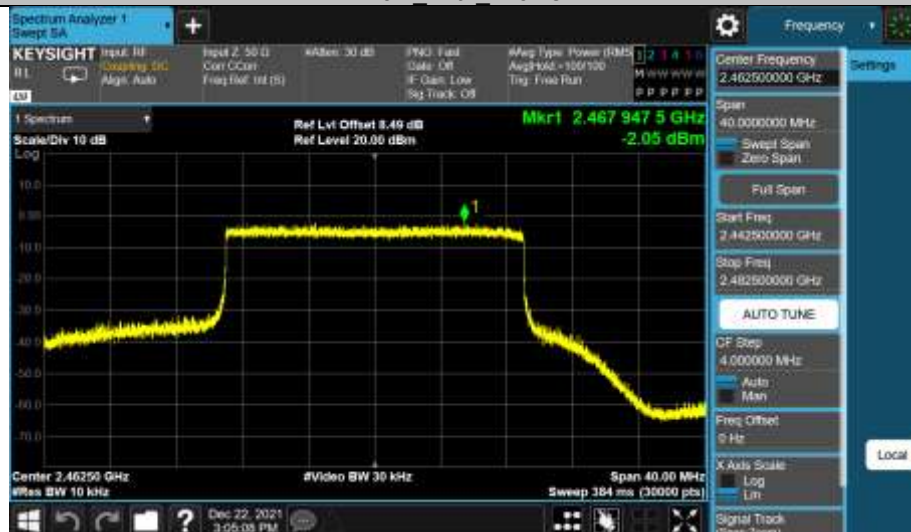
20M_Ant2_2437.5



20M_Ant1_2462.5



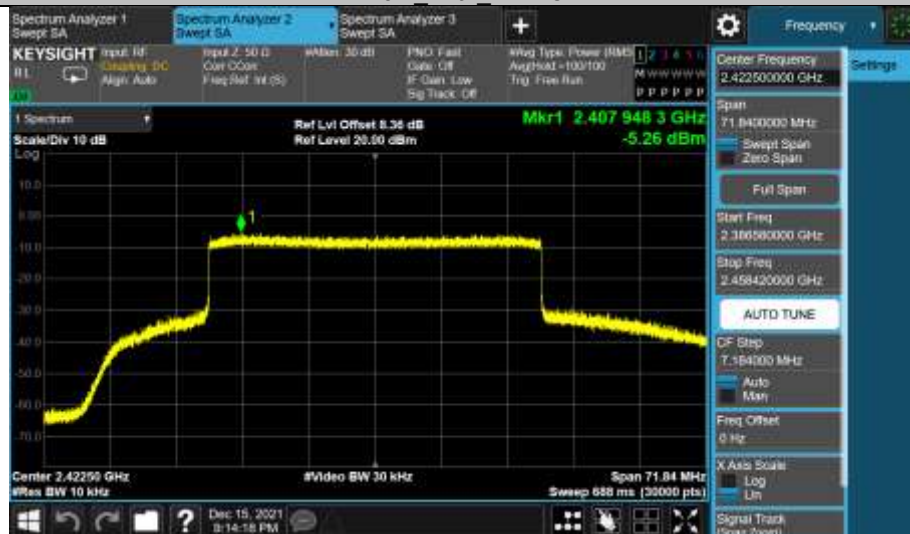
20M_Ant2_2462.5



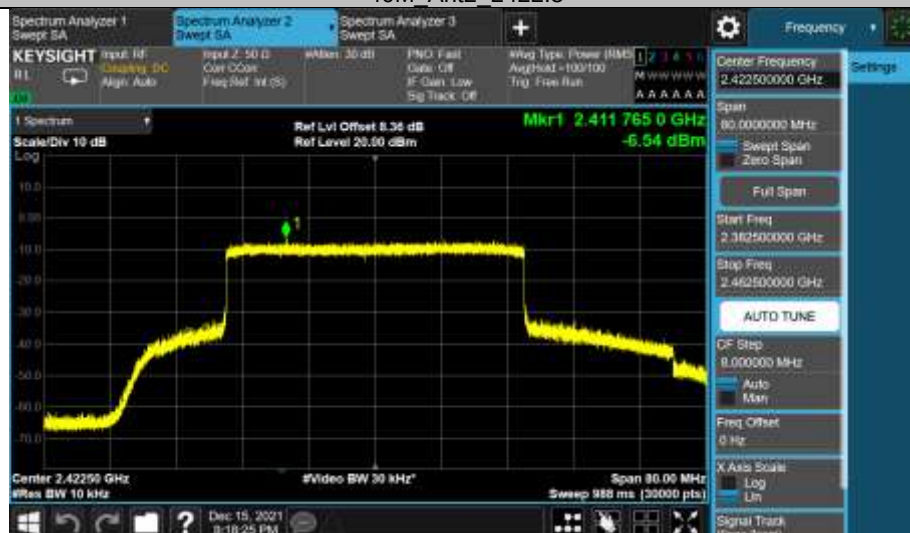
2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
40M	Ant1	2422.5	-5.26	≤8	PASS
	Ant2	2422.5	-6.55	≤8	PASS
	Ant1	2437.5	-4.78	≤8	PASS
	Ant2	2437.5	-3.88	≤8	PASS
	Ant1	2452.5	-4.47	≤8	PASS
	Ant2	2452.5	-5.6	≤8	PASS

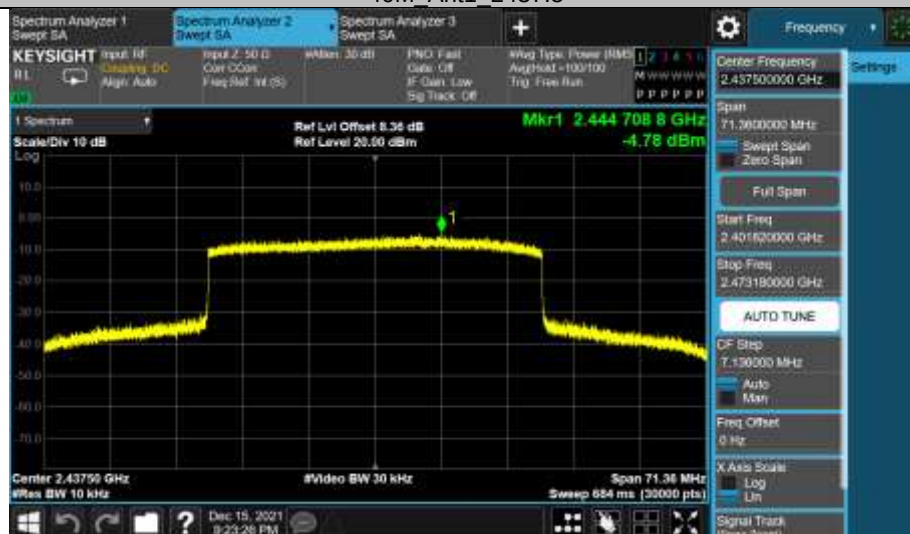
40M_Ant1_2422.5



40M_Ant2_2422.5



40M_Ant1_2437.5



40M_Ant2_2437.5



40M_Ant1_2452.5



40M_Ant2_2452.5



Appendix A.2: Test Results of 6dB Bandwidth

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant1	2403.5	1.098	2402.951	2404.049	0.5	PASS
		2435.5	1.100	2434.948	2436.049	0.5	PASS
		2469.5	1.100	2468.948	2470.049	0.5	PASS

1.4M Ant1 2403.5



1.4M Ant1 2435.5



1.4M Ant1 2469.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M-CA	Ant1	2405.12	1.140	2404.566	2405.705	0.5	PASS
		2437.12	1.151	2436.563	2437.714	0.5	PASS
		2471.12	1.140	2470.563	2471.702	0.5	PASS

1.4M-CA Ant1 2405.12



1.4M-CA Ant1 2437.12



1.4M-CA Ant1 2471.12



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant1	2405.5	2.166	2404.414	2406.580	0.5	PASS
		2435.5	2.190	2434.408	2436.598	0.5	PASS
		2468.5	2.184	2467.408	2469.592	0.5	PASS

3M_Ant1_2405.5



3M_Ant1_2435.5



3M_Ant1_2468.5



2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M-CA	Ant1	2408.2	2.172	2407.102	2409.274	0.5	PASS
		2438.2	2.184	2437.102	2439.286	0.5	PASS
		2471.2	2.172	2470.102	2472.274	0.5	PASS

3M-CA_Ant1_2408.2



3M-CA_Ant1_2438.2



3M-CA_Ant1_2471.2



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant1	2407.5	8.980	2403.020	2412.000	0.5	PASS
		2437.5	8.980	2433.020	2442.000	0.5	PASS
		2467.5	8.940	2463.040	2471.980	0.5	PASS

10M_Ant1_2407.5



10M_Ant1_2437.5



10M_Ant1_2467.5



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant1	2412.5	17.920	2403.540	2421.460	0.5	PASS
		2437.5	17.880	2428.620	2446.500	0.5	PASS
		2462.5	18.000	2453.500	2471.500	0.5	PASS

20M_Ant1_2412.5



20M_Ant1_2437.5



20M_Ant1_2462.5



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant1	2422.5	35.920	2404.580	2440.500	0.5	PASS
		2437.5	35.680	2419.660	2455.340	0.5	PASS
		2452.5	35.760	2434.580	2470.340	0.5	PASS

40M_Ant1_2422.5



40M_Ant1_2437.5



40M_Ant1_2452.5



Appendix A.3: Test Results of 99% Bandwidth

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant1	2403.5	1.1648	2402.921	2404.086	---	PASS
		2435.5	1.1670	2434.918	2436.085	---	PASS
		2469.5	1.1666	2468.918	2470.085	---	PASS

1.4M Ant1 2403.5



1.4M Ant1 2435.5



1.4M Ant1 2469.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M-CA	Ant1	2405.12	1.1692	2404.551	2405.720	---	PASS
		2437.12	1.1837	2436.547	2437.730	---	PASS
		2471.12	1.2076	2470.551	2471.759	---	PASS

1.4M-CA Ant1 2405.12



1.4M-CA Ant1 2437.12



1.4M-CA Ant1 2471.12



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant1	2405.5	2.1868	2404.404	2406.591	---	PASS
		2435.5	2.1888	2434.405	2436.594	---	PASS
		2468.5	2.1781	2467.413	2469.591	---	PASS

3M_Ant1_2405.5



3M_Ant1_2435.5



3M_Ant1_2468.5



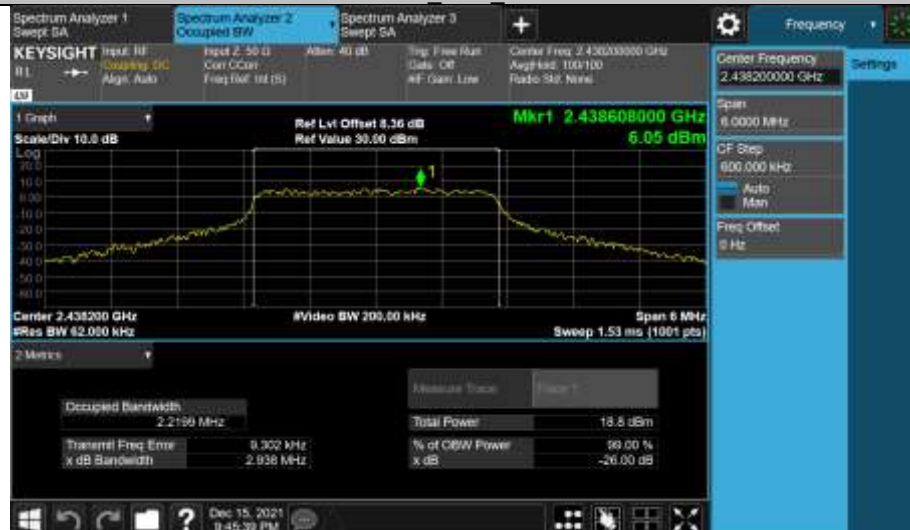
2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M-CA	Ant1	2408.2	2.2010	2407.099	2409.300	---	PASS
		2438.2	2.2199	2437.099	2439.319	---	PASS
		2471.2	2.2381	2470.097	2472.335	---	PASS

3M-CA_Ant1_2408.2



3M-CA_Ant1_2438.2



3M-CA_Ant1_2471.2



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant1	2407.5	9.0230	2402.997	2412.020	---	PASS
		2437.5	9.0838	2433.006	2442.090	---	PASS
		2467.5	8.9992	2463.009	2472.008	---	PASS

10M_Ant1_2407.5



10M_Ant1_2437.5



10M_Ant1_2467.5



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant1	2412.5	17.821	2403.568	2421.389	---	PASS
		2437.5	17.921	2428.546	2446.467	---	PASS
		2462.5	17.961	2453.479	2471.440	---	PASS

20M Ant1_2412.5



20M Ant1_2437.5



20M Ant1_2462.5



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant1	2422.5	35.938	2404.567	2440.505	---	PASS
		2437.5	35.689	2419.668	2455.357	---	PASS
		2452.5	35.740	2434.554	2470.294	---	PASS

40M Ant1_2422.5



40M Ant1_2437.5



40M Ant1_2452.5



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

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M	Ant1	2403.5	Reference	11.27	11.27	---	PASS
			30~1000	11.27	-61.64	≤-18.73	PASS
			1000~26500	11.27	-53.02	≤-18.73	PASS
		2435.5	Reference	11.73	11.73	---	PASS
			30~1000	11.73	-62.29	≤-18.27	PASS
			1000~26500	11.73	-51.9	≤-18.27	PASS
		2469.5	Reference	12.00	12.00	---	PASS
			30~1000	12.00	-61.93	≤-18	PASS
			1000~26500	12.00	-52.73	≤-18	PASS

1.4M Ant1 2403.5 0-Reference



1.4M Ant1 2403.5 30-1000



1.4M Ant1 2403.5 1000-26500



1.4M Ant1 2435.5 0-Reference



1.4M Ant1 2435.5 30-1000



1.4M Ant1 2435.5 1000-26500



1.4M Ant1 2469.5 0-Reference



1.4M Ant1 2469.5 30-1000



1.4M Ant1 2469.5 1000-26500



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M-CA	Ant1	2405.12	Reference	10.64	10.64	---	PASS
			30~1000	10.64	-61.68	≤-19.36	PASS
			1000~26500	10.64	-52.9	≤-19.36	PASS
		2437.12	Reference	10.52	10.52	---	PASS
			30~1000	10.52	-62.03	≤-19.48	PASS
			1000~26500	10.52	-52.77	≤-19.48	PASS
		2471.12	Reference	11.11	11.11	---	PASS
			30~1000	11.11	-61.74	≤-18.89	PASS
			1000~26500	11.11	-52.58	≤-18.89	PASS

1.4M-CA_Ant1_2405.12_0~Reference



1.4M-CA_Ant1_2405.12_30~1000



1.4M-CA_Ant1_2405.12_1000~26500





1.4M-CA Ant1 2471.12 0~Reference



1.4M-CA_Ant1_2471.12_30~1000



1.4M-CA_Ant1_2471.12_1000~26500



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M	Ant1	2405.5	Reference	9.34	9.34	---	PASS
			30~1000	9.34	-62.35	≤-20.66	PASS
			1000~26500	9.34	-53.15	≤-20.66	PASS
		2435.5	Reference	9.29	9.29	---	PASS
			30~1000	9.29	-61.77	≤-20.71	PASS
			1000~26500	9.29	-53.57	≤-20.71	PASS
		2468.5	Reference	9.02	9.02	---	PASS
			30~1000	9.02	-61.71	≤-20.98	PASS
			1000~26500	9.02	-52.02	≤-20.98	PASS

3M_Ant1_2405.5_0-Reference



3M_Ant1_2405.5_30-1000



3M_Ant1_2405.5_1000-26500



3M_Ant1_2435.5_0~Reference



3M_Ant1_2435.5_30~1000



3M	Ant1	2435.5	1000~26500
----	------	--------	------------



3M	Ant1	2468.5	0~Reference
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3M_Ant1_2468.5_30~1000



3M	Ant1	2468.5	1000~26500
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2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M-CA	Ant1	2408.2	Reference	7.90	7.90	---	PASS
			30~1000	7.90	-61.58	≤-22.1	PASS
			1000~26500	7.90	-52.83	≤-22.1	PASS
		2438.2	Reference	8.42	8.42	---	PASS
			30~1000	8.42	-62.06	≤-21.58	PASS
			1000~26500	8.42	-52.8	≤-21.58	PASS
		2471.2	Reference	8.36	8.36	---	PASS
			30~1000	8.36	-61.76	≤-21.64	PASS
			1000~26500	8.36	-52.7	≤-21.64	PASS

3M-CA Ant1_2408.2 0-Reference



3M-CA Ant1_2408.2 30-1000



3M-CA Ant1_2408.2 1000-26500



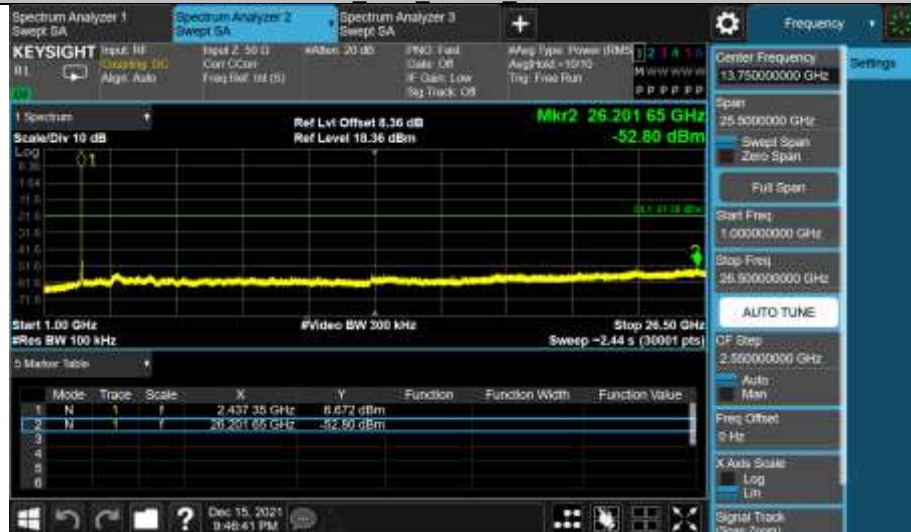
3M-CA Ant1_2438.2 0-Reference



3M-CA Ant1_2438.2 30-1000



3M-CA Ant1_2438.2 1000-26500



3M-CA Ant1_2471.2 0-Reference



3M-CA Ant1_2471.2 30-1000



3M-CA Ant1_2471.2 1000-26500



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
10M	Ant1	2407.5	Reference	12.39	12.39	---	PASS
			30~1000	12.39	-62.58	≤-17.61	PASS
			1000~26500	13.22	-52.97	≤-6.78	PASS
		2437.5	Reference	13.24	13.24	---	PASS
			30~1000	13.24	-62.28	≤-16.76	PASS
			1000~26500	13.24	-52.92	≤-16.76	PASS
		2467.5	Reference	9.96	9.96	---	PASS
			30~1000	9.96	-62.73	≤-20.04	PASS
			1000~26500	9.96	-52.94	≤-20.04	PASS

10M Ant1 2407.5 0~Reference



10M Ant1 2407.5 30~1000



10M Ant1 2407.5 1000~26500



10M_Ant1_2437.5_0~Reference



10M_Ant1_2437.5_30~1000



10M_Ant1_2437.5_1000~26500



10M Ant1 2467.5 0~Reference



10M Ant1 2467.5 30~1000



10M Ant1 2467.5 1000~26500



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
20M	Ant1	2412.5	Reference	10.73	10.73	---	PASS
			30~1000	10.73	-61.78	≤-19.27	PASS
			1000~26500	10.73	-52.91	≤-19.27	PASS
		2437.5	Reference	10.36	10.36	---	PASS
			30~1000	10.36	-61.77	≤-19.64	PASS
			1000~26500	10.36	-52.43	≤-19.64	PASS
		2462.5	Reference	7.01	7.01	---	PASS
			30~1000	7.01	-62.33	≤-22.99	PASS
			1000~26500	7.01	-52.7	≤-22.99	PASS

20M_Ant1_2412.5_0~Reference



20M_Ant1_2412.5_30~1000



20M_Ant1_2412.5_1000~26500



20M_Ant1_2437.5_0~Reference



20M_Ant1_2437.5_30~1000



20M_Ant1_2437.5_1000~26500



20M_Ant1_2462.5_0~Reference



20M_Ant1_2462.5_30~1000



20M_Ant1_2462.5_1000~26500



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
40M	Ant1	2422.5	Reference	7.39	7.39	---	PASS
			30~1000	7.39	-62.05	≤-22.61	PASS
			1000~26500	7.39	-52.59	≤-22.61	PASS
		2437.5	Reference	6.05	6.05	---	PASS
			30~1000	6.05	-61.79	≤-23.95	PASS
			1000~26500	6.05	-52.57	≤-23.95	PASS
		2452.5	Reference	6.59	6.59	---	PASS
			30~1000	6.59	-61.88	≤-23.41	PASS
			1000~26500	6.59	-52.67	≤-23.41	PASS

40M_Ant1_2422.5_0~Reference



40M_Ant1_2422.5_30~1000



40M_Ant1_2422.5_1000~26500



40M_Ant1_2437.5_0~Reference



40M_Ant1_2437.5_30~1000



40M_Ant1_2437.5_1000~26500



40M_Ant1_2452.5_0~Reference



40M_Ant1_2452.5_30~1000



40M_Ant1_2452.5_1000~26500



2.4GHz SDR, 1.4MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M	Ant1	Low	2403.5	11.38	-45.99	≤-8.62	PASS
	Ant1	High	2469.5	11.27	-49.21	≤-8.73	PASS

1.4M Ant1 2403.5



1.4M Ant1 2469.5



2.4GHz SDR, 1.4MHz BW CA mode Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M-CA	Ant1	Low	2405.12	10.78	-48.64	≤-19.22	PASS
		High	2471.12	11.47	-50.27	≤-18.53	PASS

1.4M-CA Ant1 2405.12



1.4M-CA Ant1 2471.12



2.4GHz SDR, 3MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M	Ant1	Low	2405.5	9.62	-52.63	≤-20.39	PASS
		High	2468.5	10.31	-49.44	≤-19.69	PASS



2.4GHz SDR, 3MHz BW CA mode Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M-CA	Ant1	Low	2408.2	8.33	-52.25	≤-21.67	PASS
		High	2471.2	8.69	-48.57	≤-21.31	PASS



2.4GHz SDR, 10MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
10M	Ant1	Low	2407.5	14.51	-15.74	≤-15.49	PASS
		High	2467.5	12.82	-50.43	≤-17.18	PASS

10M_Ant1_2407.5



10M_Ant1_2467.5



2.4GHz SDR, 20MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
20M	Ant1	Low	2412.5	9.07	-22.23	≤-20.93	PASS
		High	2462.5	6.58	-49.52	≤-23.42	PASS

20M Ant1 2412.5



20M Ant1 2462.5



2.4GHz SDR, 40MHz BW Bandedge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
40M	Ant1	Low	2422.5	4.03	-26.58	≤-25.97	PASS
		High	2452.5	5.00	-46.20	≤-25.00	PASS

40M_Ant1_2422.5



40M_Ant1_2452.5



Note: 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.

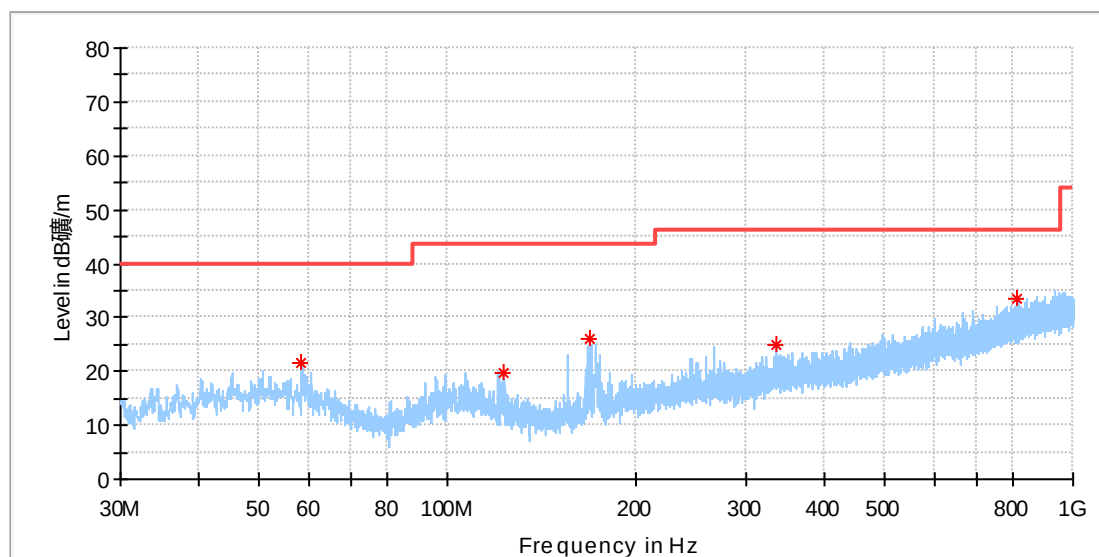
Appendix A.5: Test Results of Radiated Spurious Emissions

30MHz - 1GHz (Worst case)

2.4GHz SDR, 1.4MHz BW

EUT Information

EUT Name:	DJI Video Transmitter
Model:	TX3
Test Mode:	SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

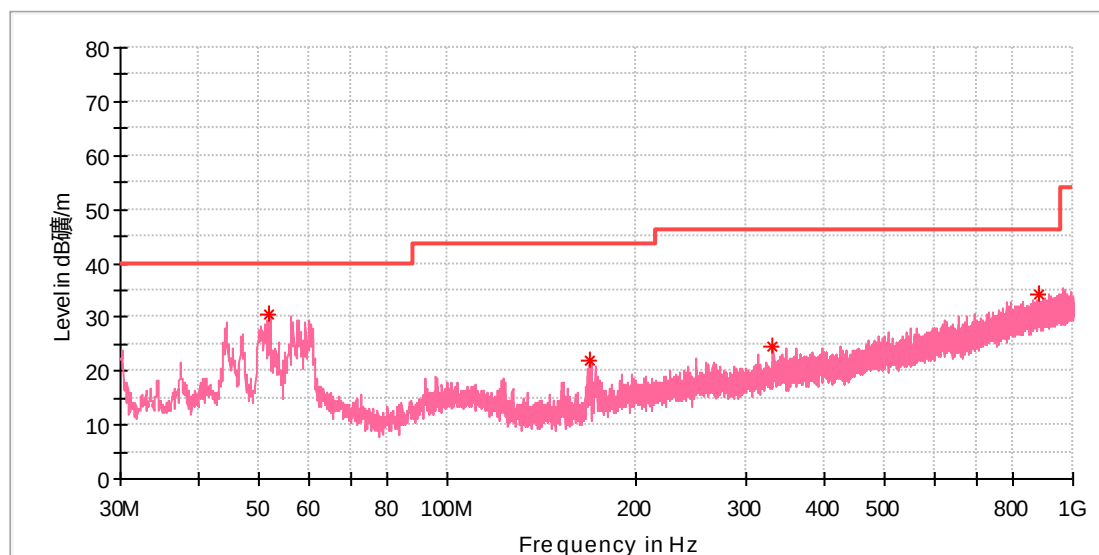
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.469500	21.51	40.00	18.49	100.0	H	0.0	-18.8
123.265500	19.90	43.50	23.60	100.0	H	348.0	-21.1
169.146500	25.87	43.50	17.63	100.0	H	0.0	-21.2
335.550000	24.86	46.00	21.14	100.0	H	240.0	-15.2
814.342000	33.59	46.00	12.41	100.0	H	24.0	-6.1

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
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)
51.970500	30.62	40.00	9.38	100.0	V	69.0	-18.4
168.952500	21.87	43.50	21.63	100.0	V	41.0	-21.2
331.573000	24.64	46.00	21.36	100.0	V	203.0	-15.4
883.745500	34.40	46.00	11.60	100.0	V	260.0	-5.1

Final Result

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

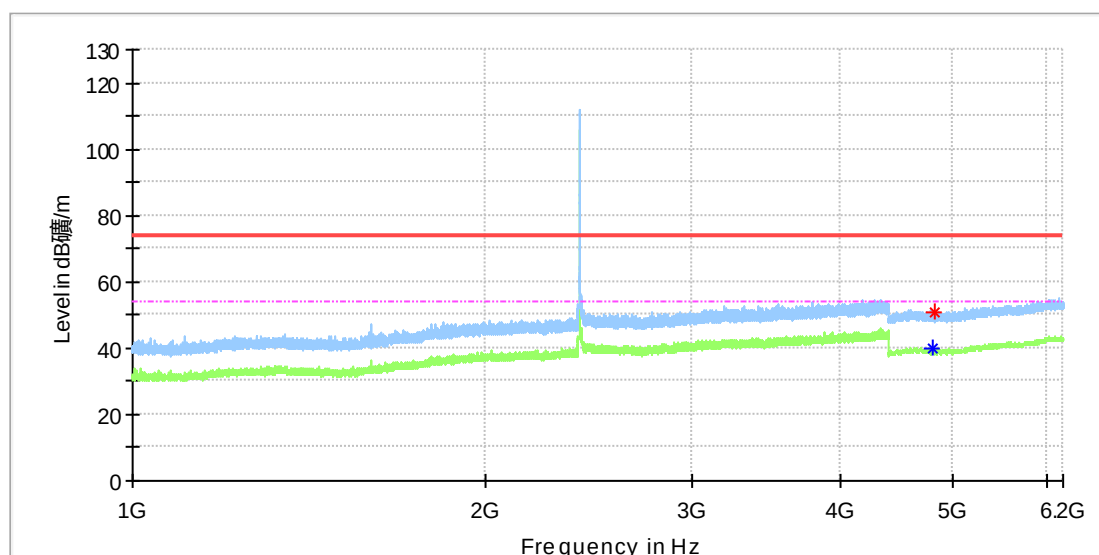
1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz SDR Fundamental.

2.4GHz SDR, 1.4MHz BW

EUT Information

EUT Name:	DJI Video Transmitter
Model:	TX3
Test Mode:	SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

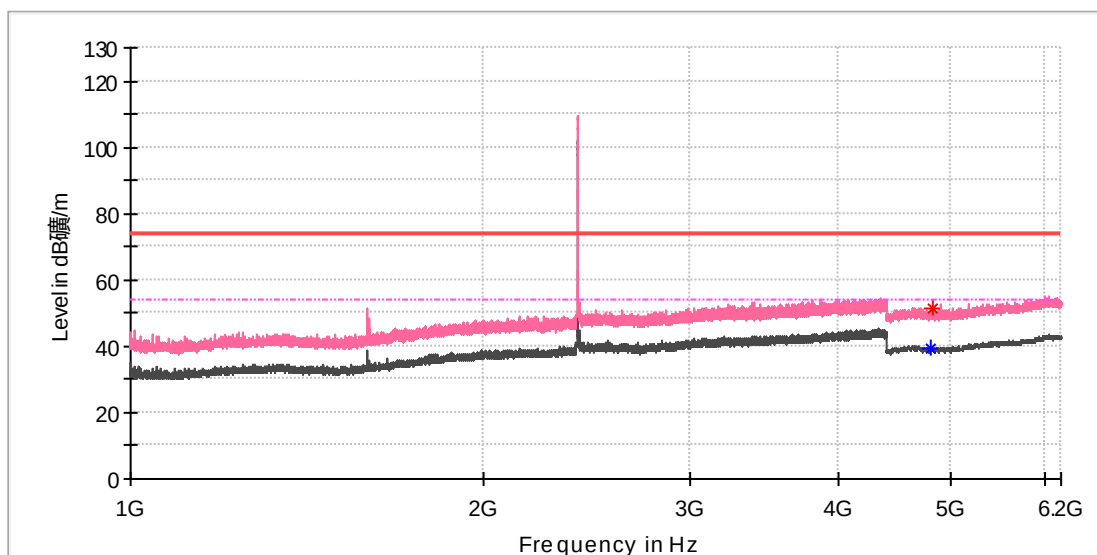
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.500000	---	39.91	54.00	14.09	100.0	H	331.0	11.8
4815.500000	51.00	---	74.00	23.00	100.0	H	20.0	11.8

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

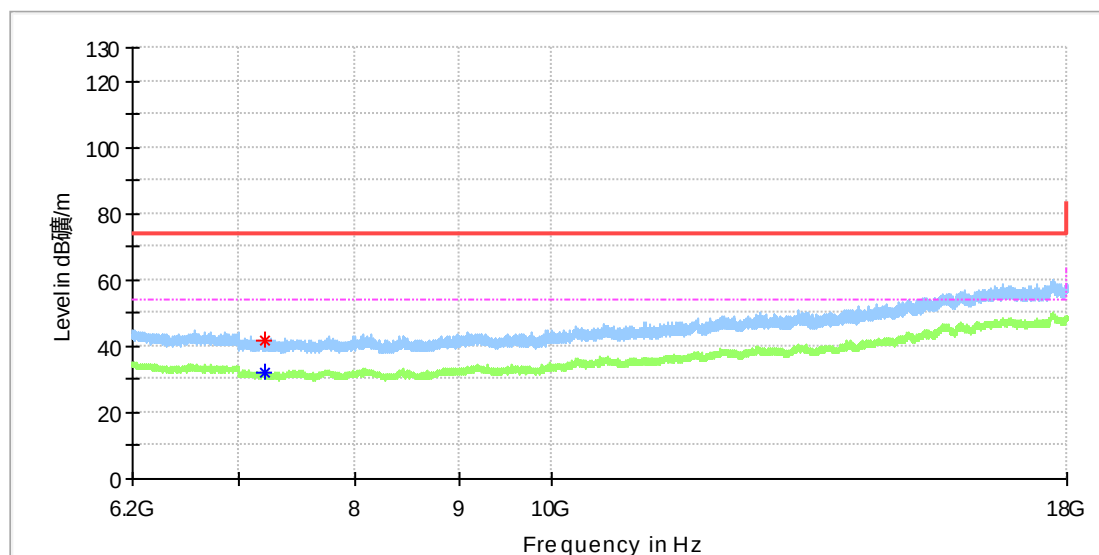
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.500000	---	39.46	54.00	14.54	100.0	V	341.0	11.8
4820.500000	51.38	---	74.00	22.62	100.0	V	148.0	11.8

Final Result

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

EUT Information

EUT Name:	DJI Video Transmitter
Model:	TX3
Test Mode:	SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

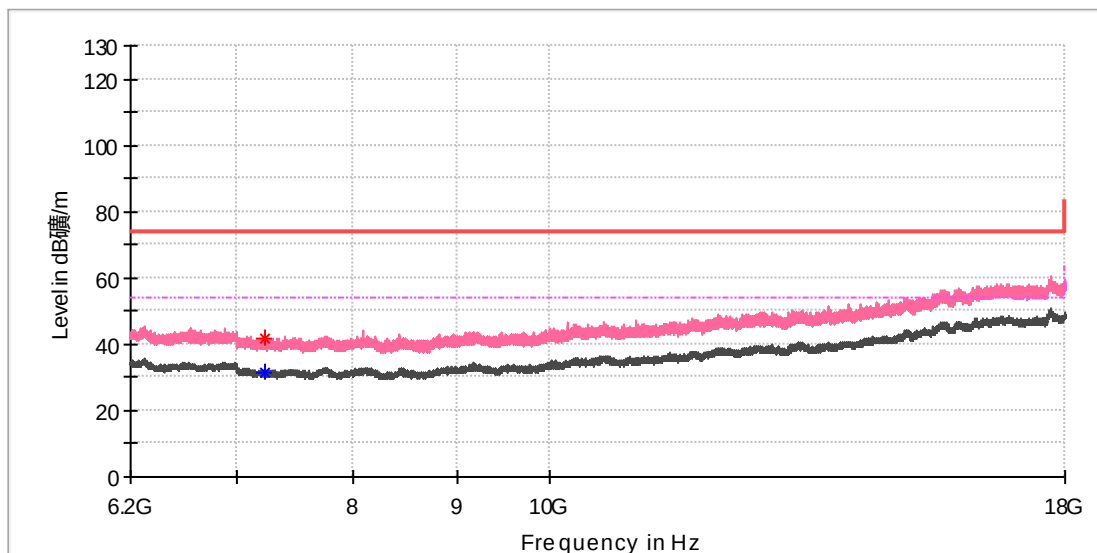
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7213.816667	---	31.84	54.00	22.16	100.0	H	158.0	8.7
7215.783333	41.98	---	74.00	32.02	100.0	H	188.0	8.7

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

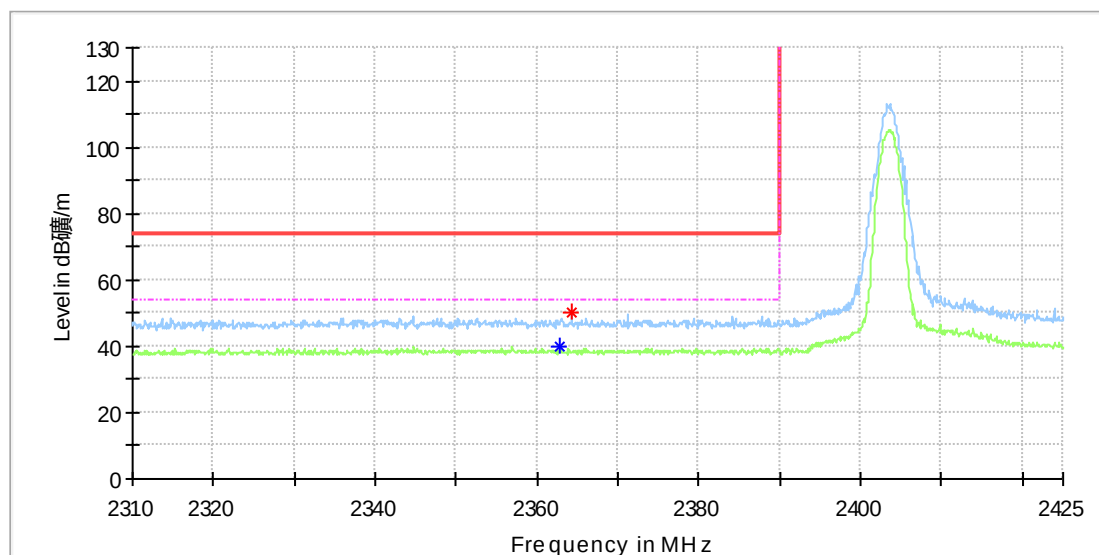
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7222.666667	41.54	---	74.00	32.46	100.0	V	96.0	8.7
7225.616667	---	31.72	54.00	22.28	100.0	V	276.0	8.7

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

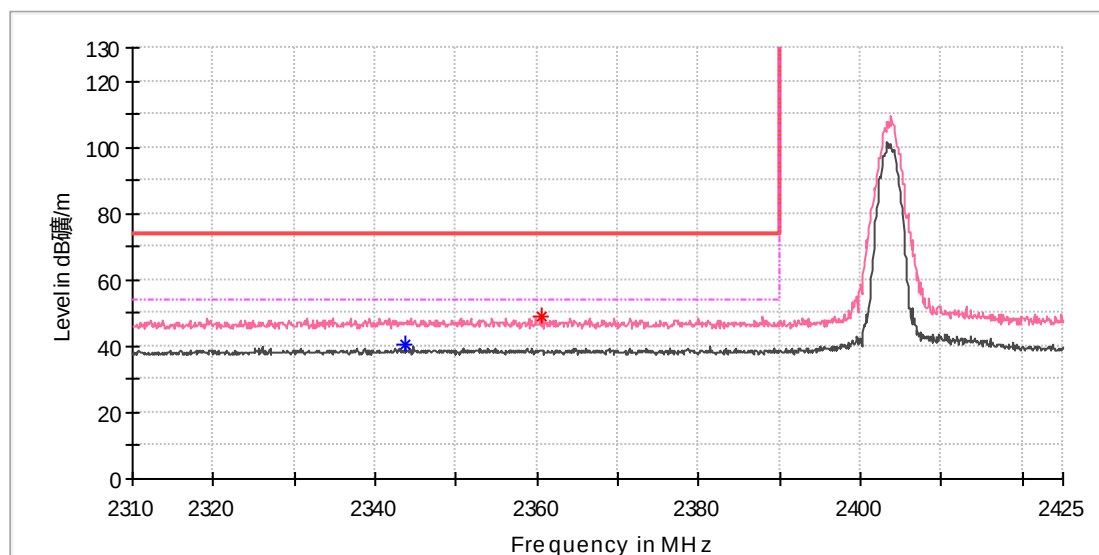
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2362.900000	---	39.66	54.00	14.34	100.0	H	326.0	6.9
2364.300000	50.16	---	74.00	23.84	100.0	H	316.0	6.9

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

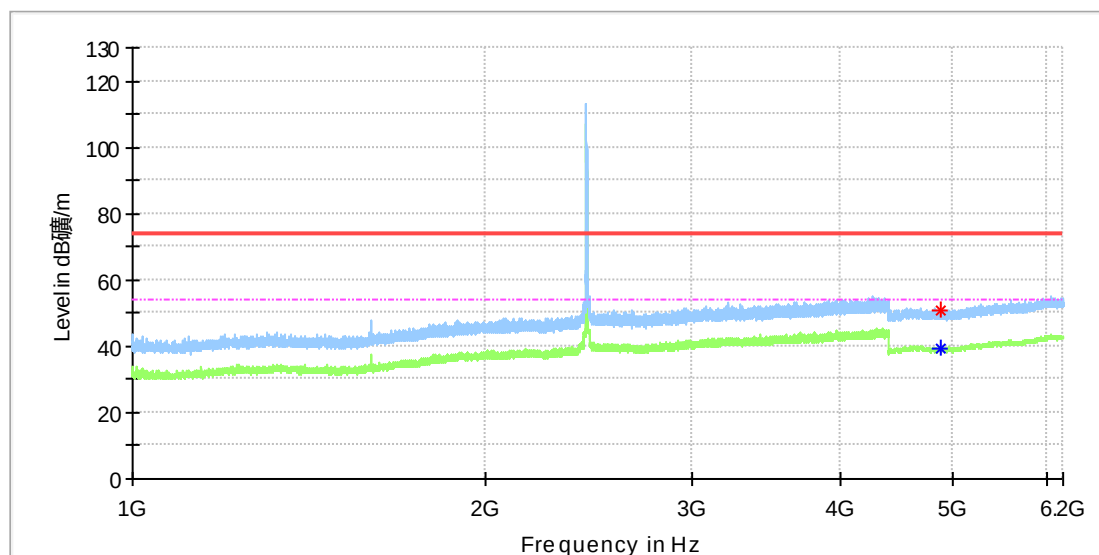
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2343.700000	---	40.36	54.00	13.64	100.0	V	163.0	6.9
2360.600000	49.16	---	74.00	24.84	100.0	V	193.0	6.9

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

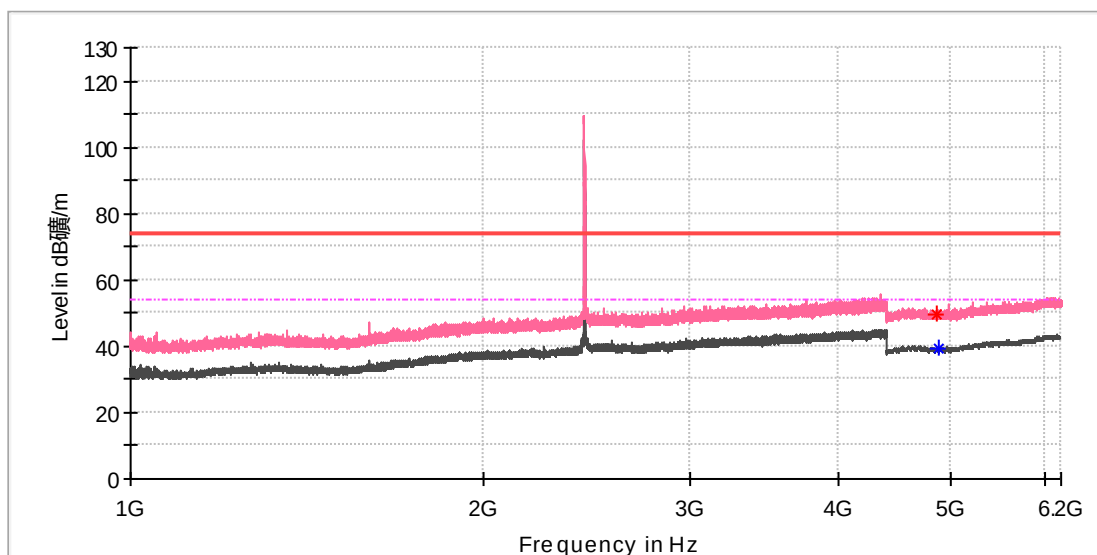
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.000000	---	39.35	54.00	14.65	100.0	H	177.0	11.8
4873.500000	50.99	---	74.00	23.01	100.0	H	23.0	11.8

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

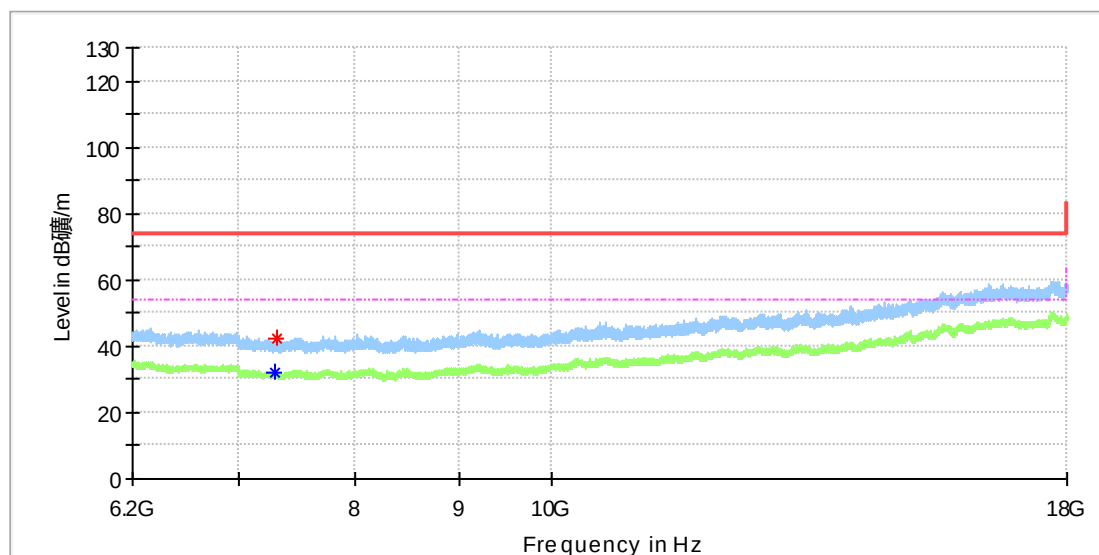
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4868.000000	49.70	---	74.00	24.30	100.0	V	22.0	11.8
4877.500000	---	39.11	54.00	14.89	100.0	V	270.0	11.8

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

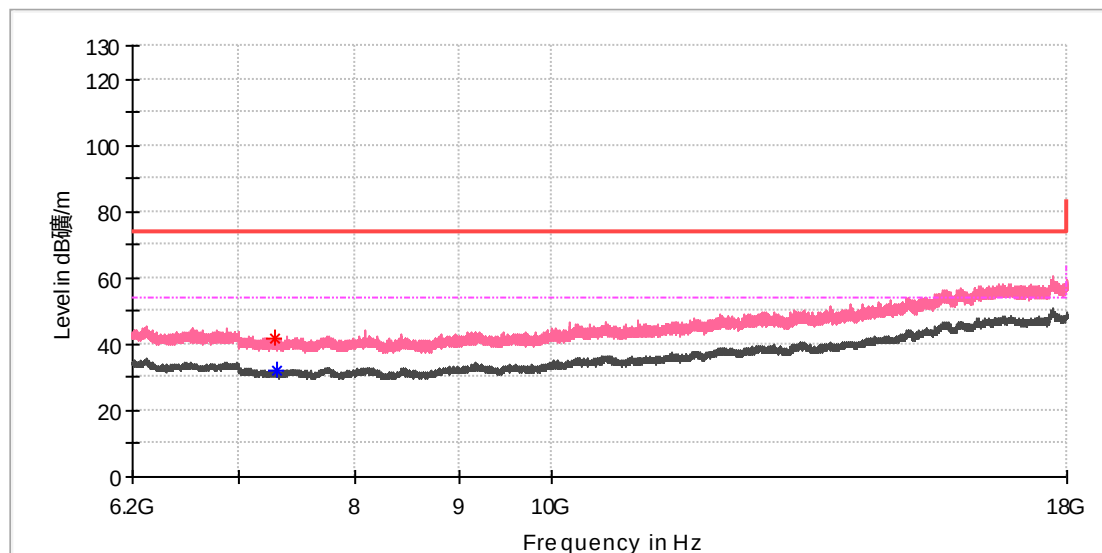
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7299.366667	---	32.31	54.00	21.69	100.0	H	57.0	8.3
7303.300000	42.43	---	74.00	31.58	100.0	H	321.0	8.3

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

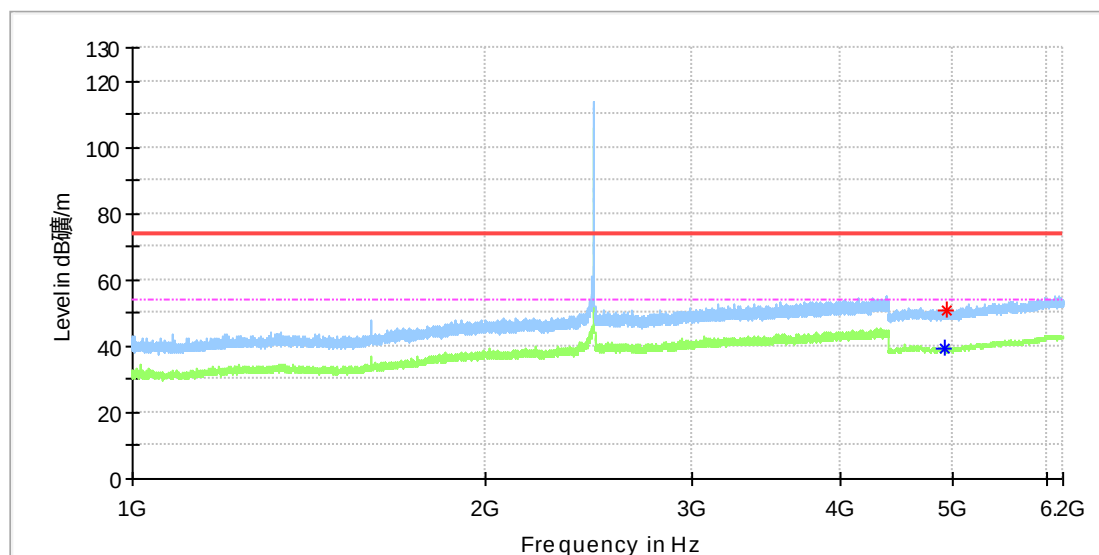
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7297.891667	41.94	---	74.00	32.06	100.0	V	124.0	8.3
7309.691667	---	32.21	54.00	21.79	100.0	V	161.0	8.2

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2469.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

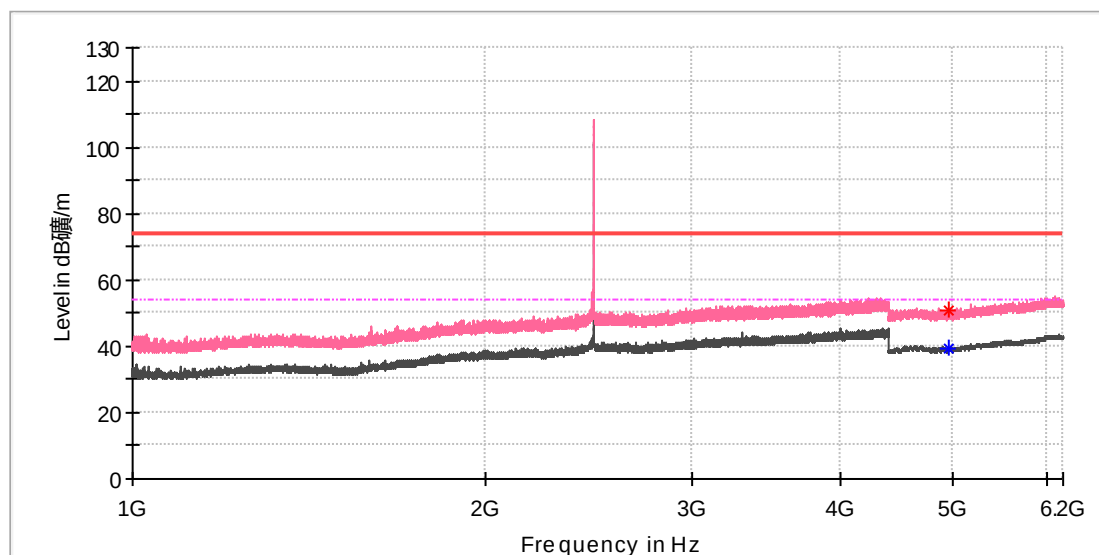
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4911.000000	---	39.39	54.00	14.61	100.0	H	342.0	11.8
4926.500000	50.91	---	74.00	23.09	100.0	H	252.0	11.8

Final Result

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

EUT Information

EUT Name: DJI Video Transmitter
Model: TX3
Test Mode: SDR 2.4G_1.4M_2469.5MHz
Order No/Sample No: 168334440/A003167437-010
Test Voltage:: Full Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
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)
4947.000000	50.79	---	74.00	23.21	100.0	V	191.0	11.8
4951.000000	---	39.42	54.00	14.58	100.0	V	279.0	11.8

Final Result

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