

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



1.4M-CA_Ant2_2437.12



1.4M-CA_Ant1_2471.12



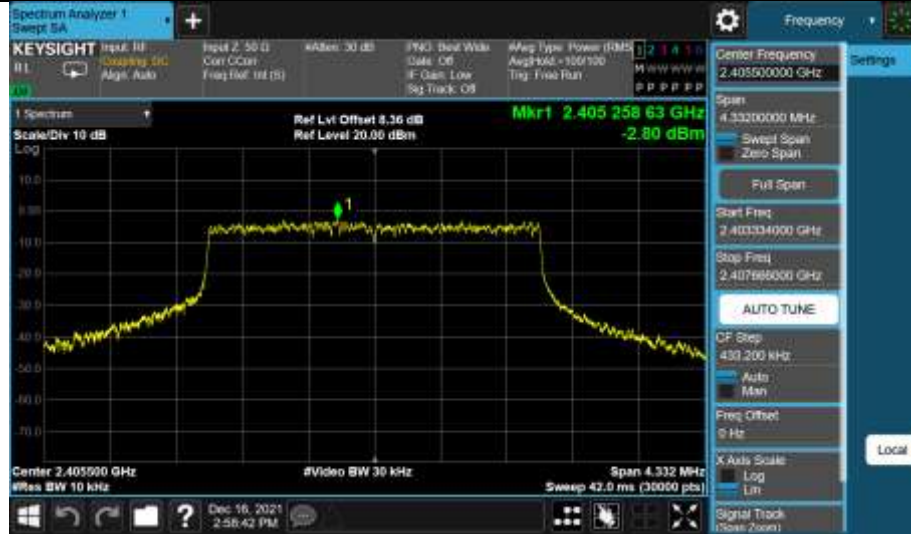
1.4M-CA_Ant2_2471.12



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



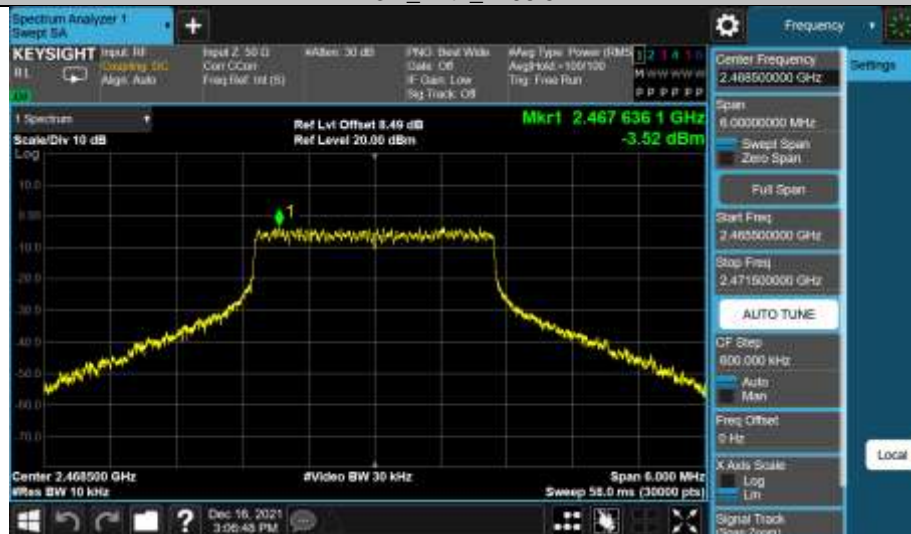
3M_Ant2_2435.5



3M_Ant1_2468.5



3M_Ant2_2468.5



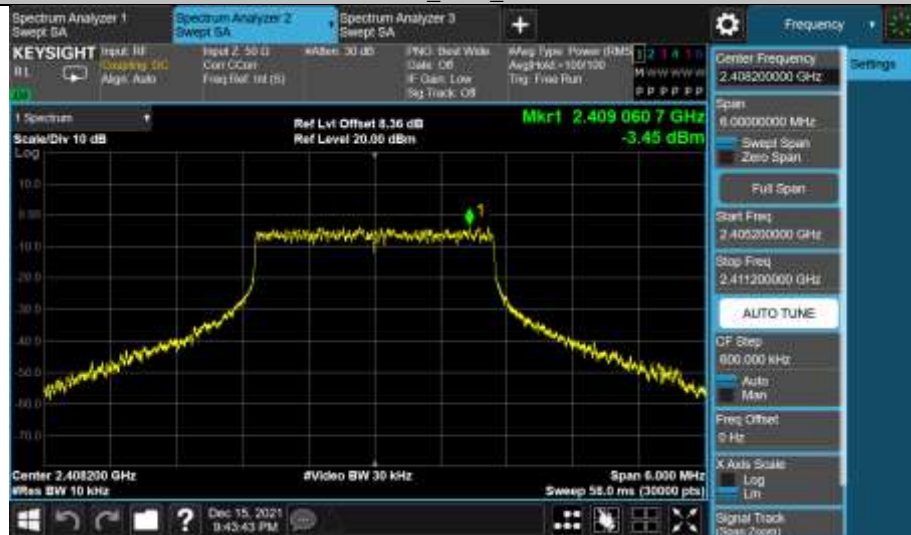
2.4GHz SDR, 3MHz BW CA mode

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

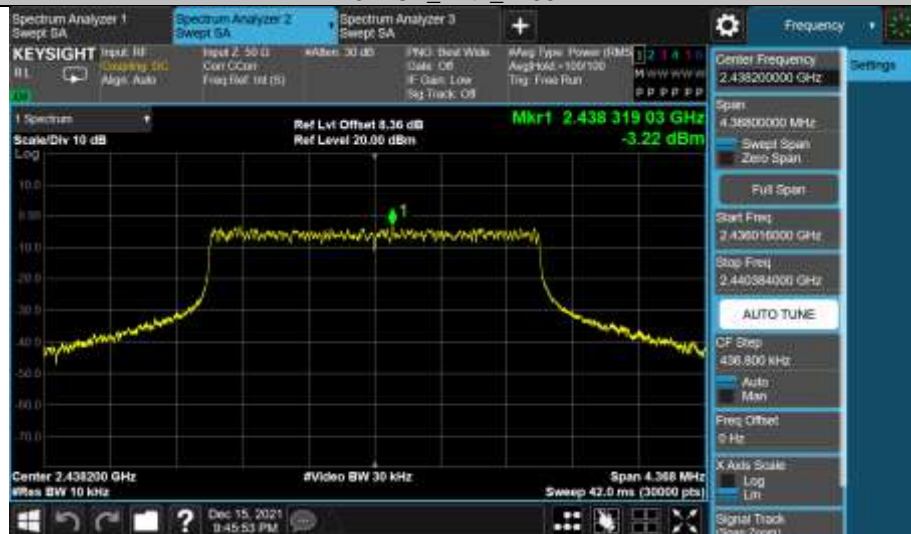
3M-CA_Ant1_2408.2



3M-CA_Ant2_2408.2



3M-CA_Ant1_2438.2



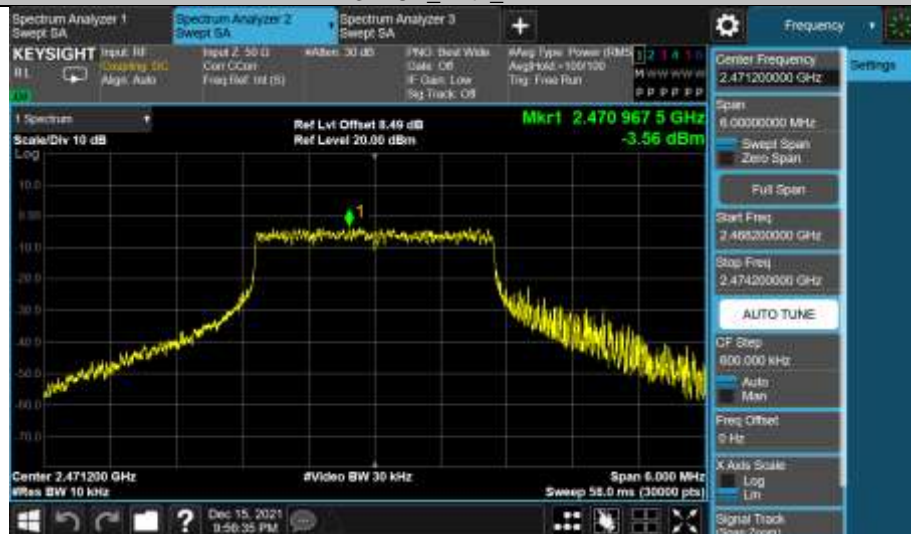
3M-CA_Ant2_2438.2



3M-CA_Ant1_2471.2



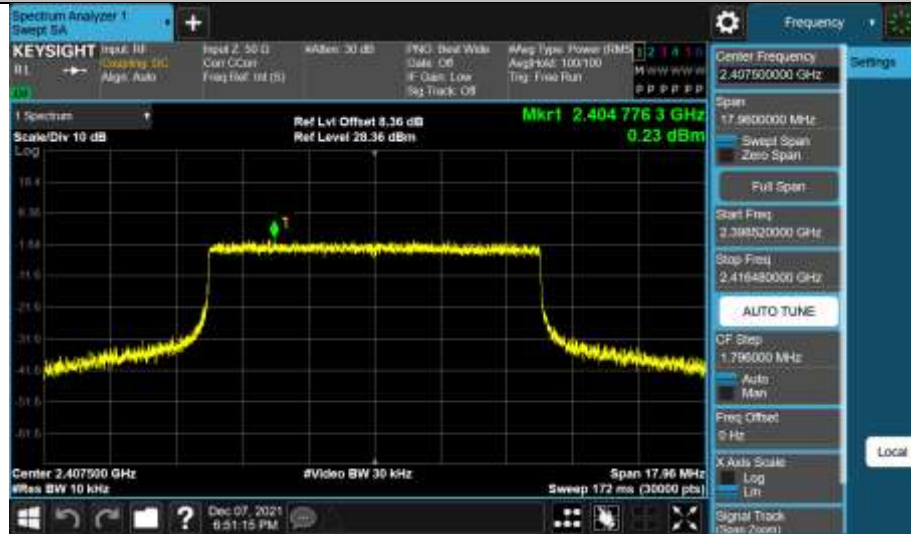
3M-CA_Ant2_2471.2



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



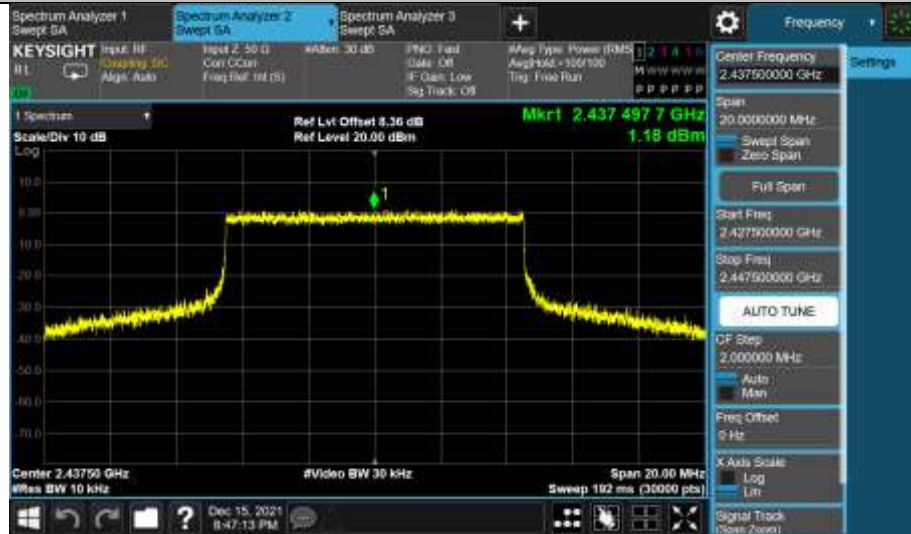
10M_Ant2_2407.5



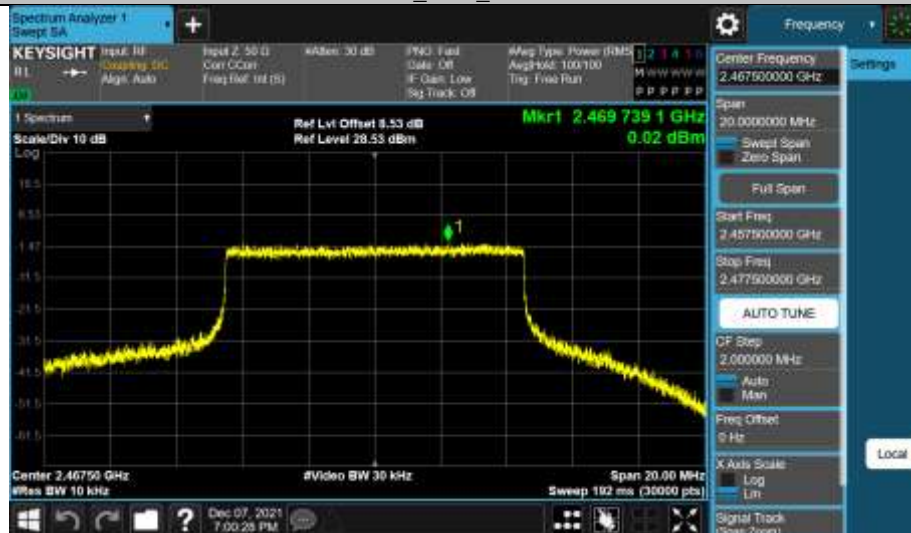
10M_Ant1_2437.5



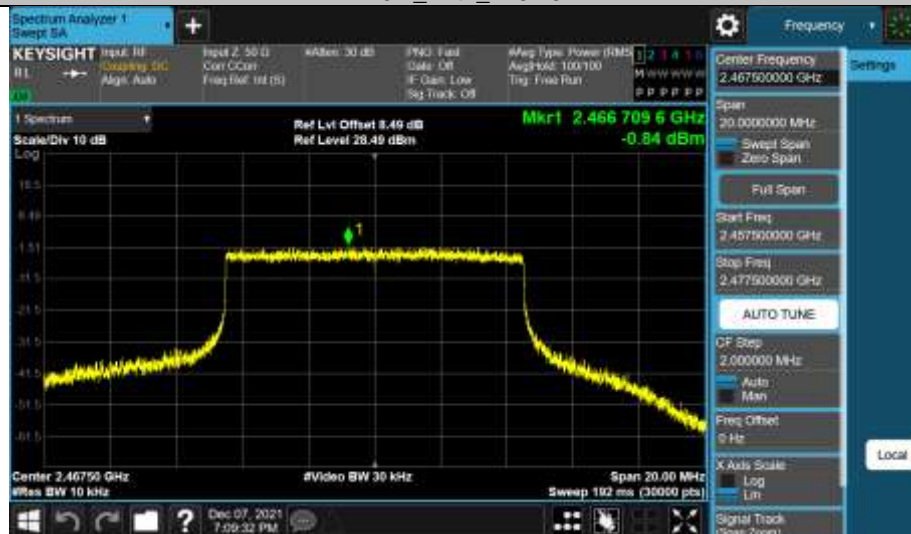
10M_Ant2_2437.5



10M_Ant1_2467.5



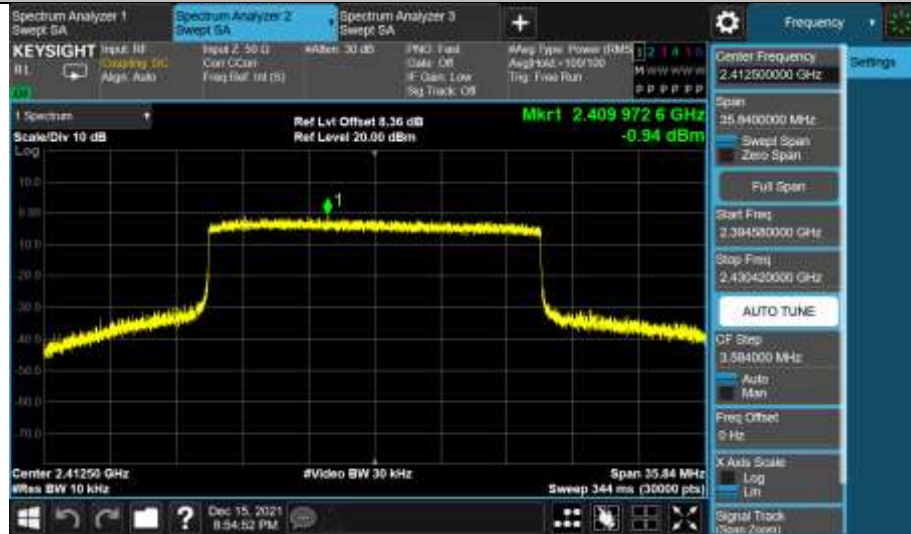
10M_Ant2_2467.5



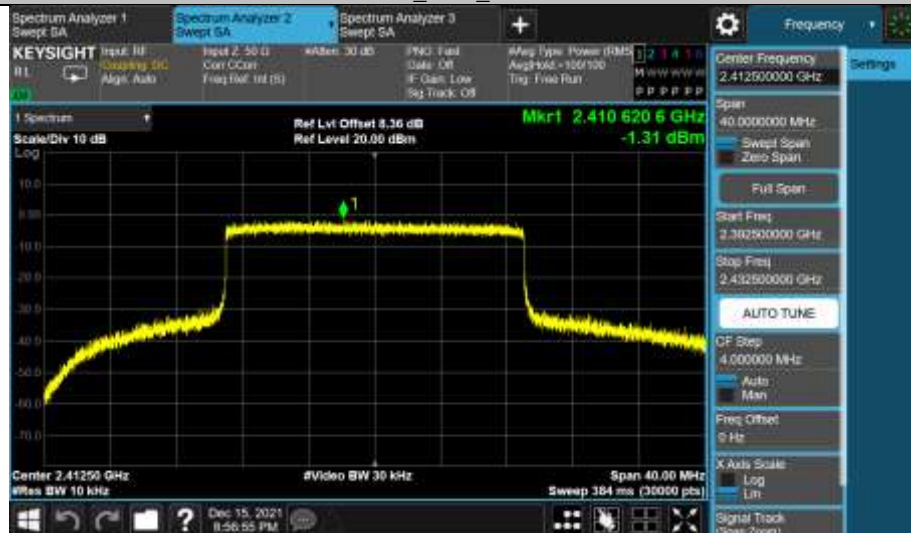
2.4GHz SDR, 20MHz BW

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

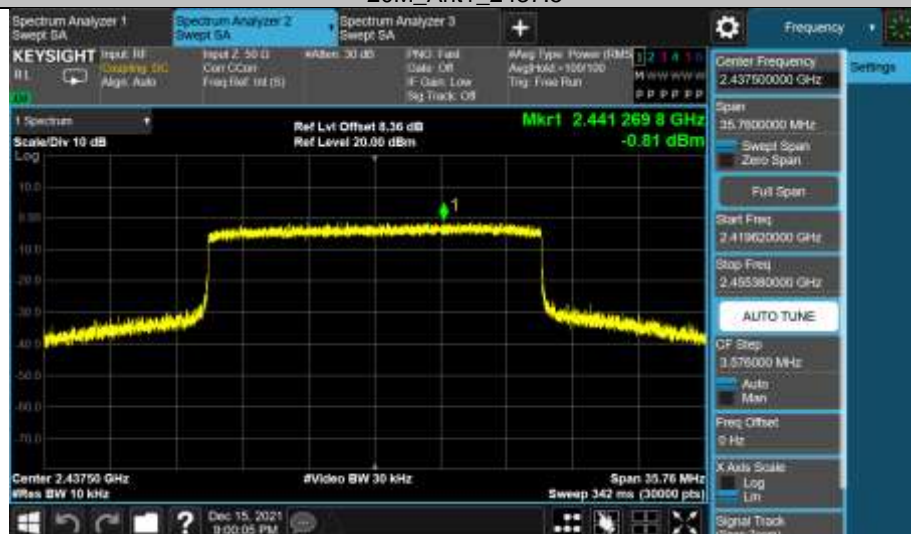
20M_Ant1_2412.5



20M_Ant2_2412.5



20M_Ant1_2437.5



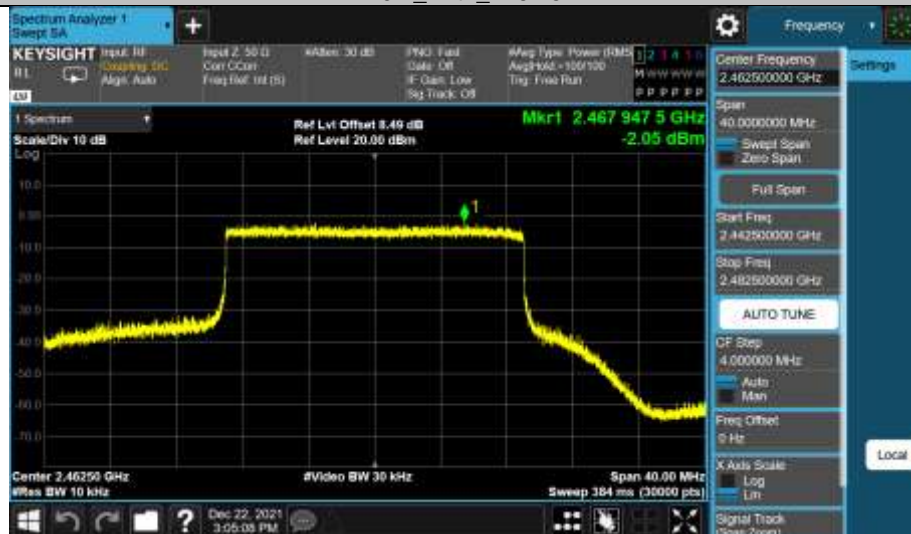
20M_Ant2_2437.5



20M_Ant1_2462.5



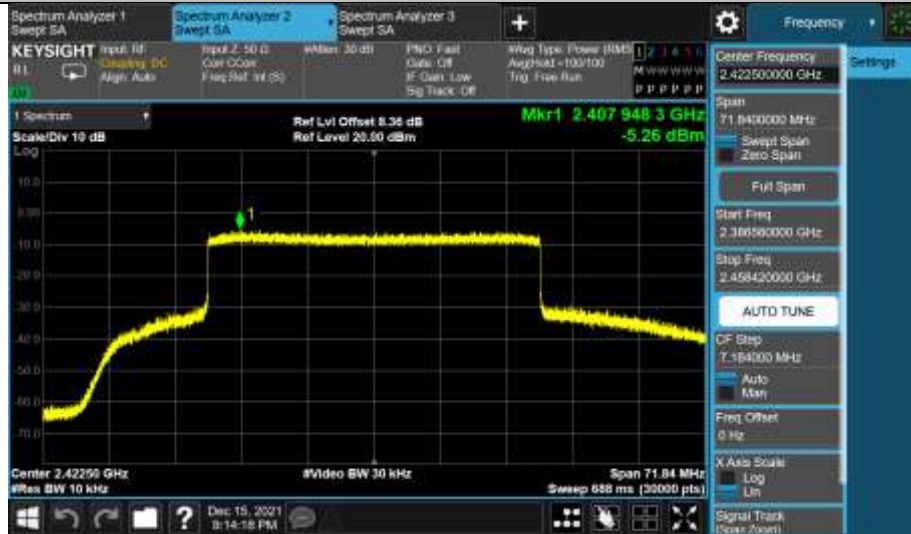
20M_Ant2_2462.5



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

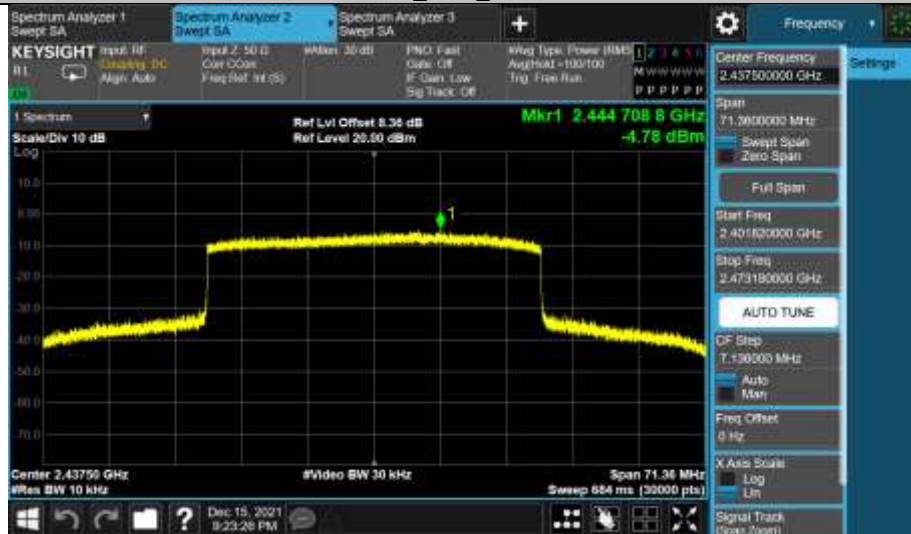
40M_Ant1_2422.5



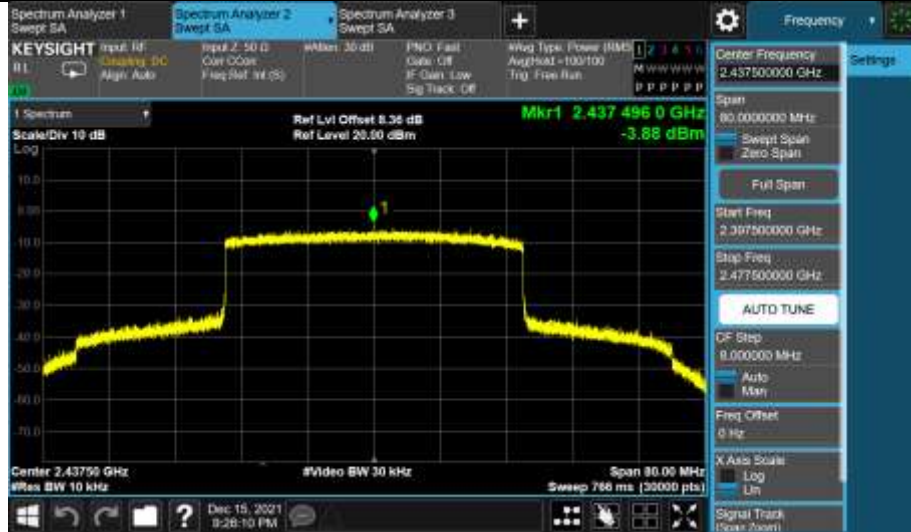
40M_Ant2_2422.5



40M_Ant1_2437.5



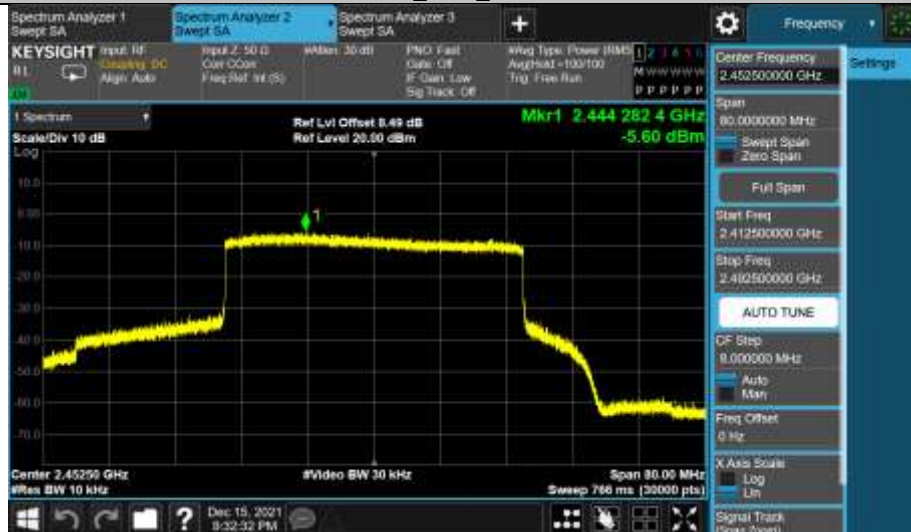
40M_Ant2_2437.5



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_2437.12_0~Reference



1.4M-CA_Ant1_2437.12_30~1000



1.4M-CA_Ant1_2437.12_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



3M_Ant1_2468.5_30~1000



3M_Ant1_2468.5_1000~26500



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



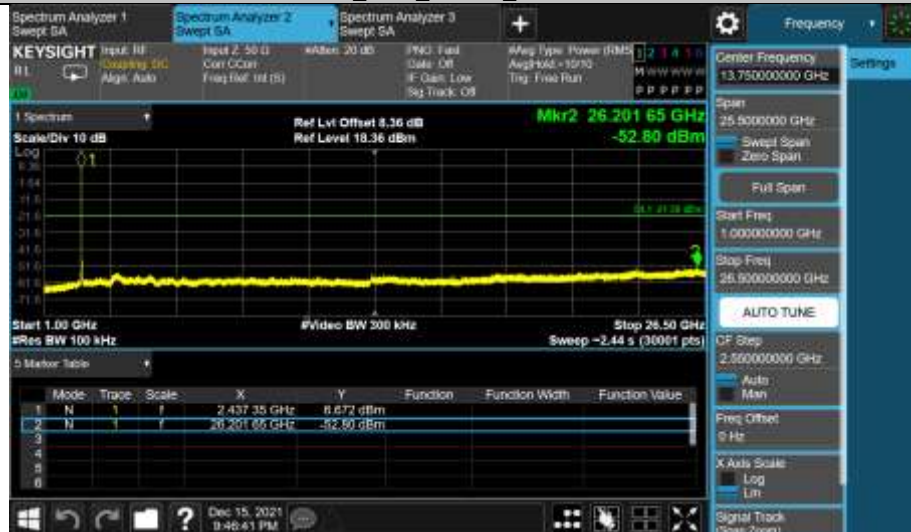
3M-CA_Ant1_2438.2_0~Reference



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



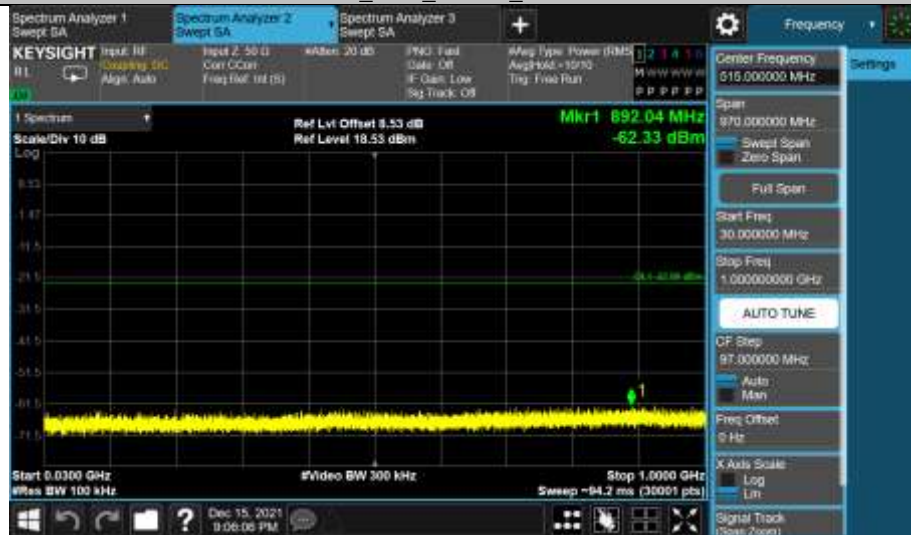
20M_Ant1_2437.5_1000~26500



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



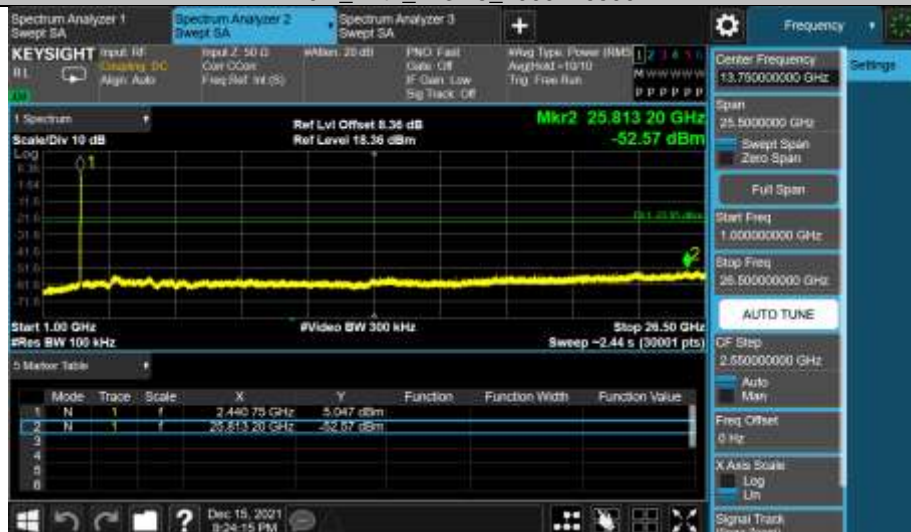
40M_Ant1_2437.5_0~Reference



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



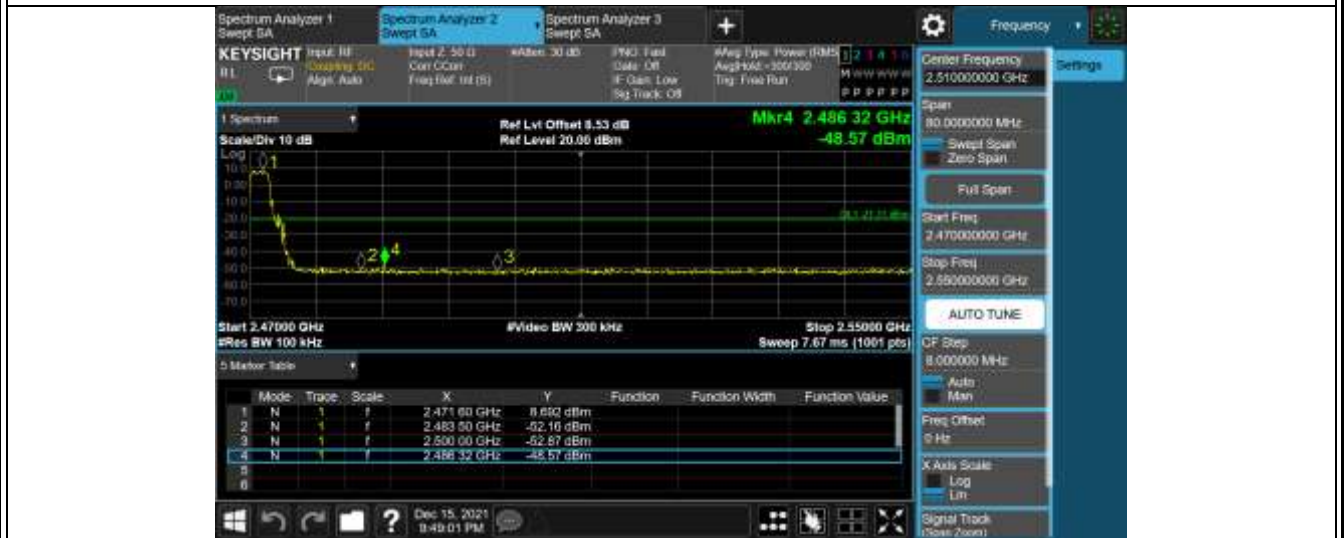
2.4GHz SDR, 3MHz BW Bandedge

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

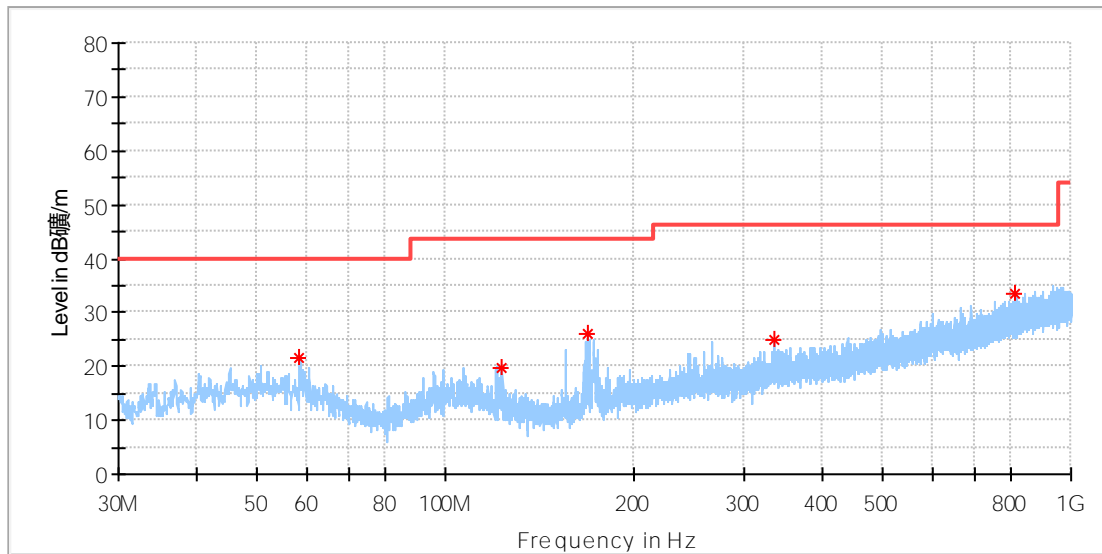


Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

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

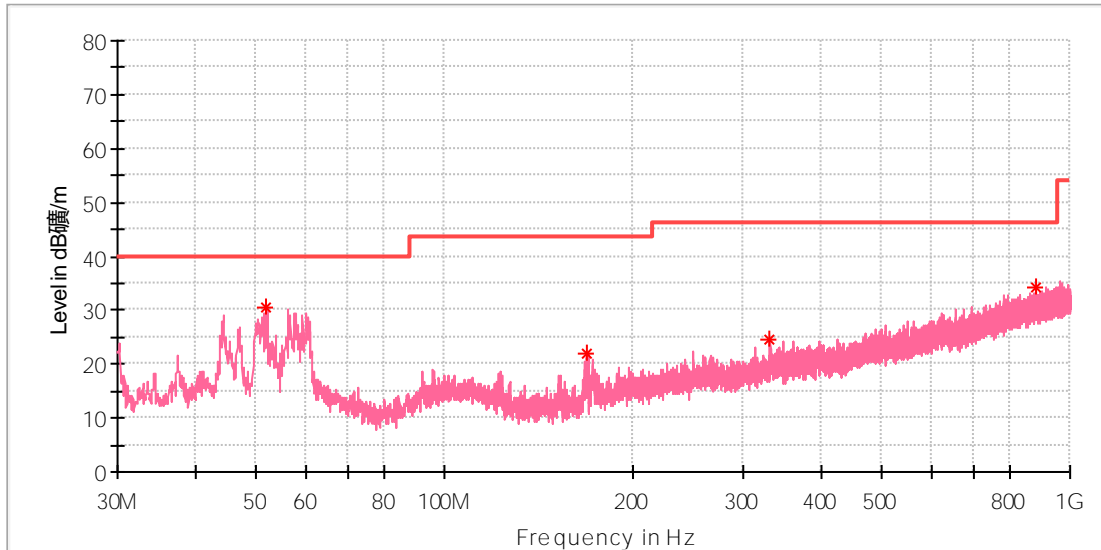
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.469500	21.51	40.00	18.49	100.0	H	0.0	-18.8
123.265500	19.90	43.50	23.60	100.0	H	348.0	-21.1
169.146500	25.87	43.50	17.63	100.0	H	0.0	-21.2
335.550000	24.86	46.00	21.14	100.0	H	240.0	-15.2
814.342000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

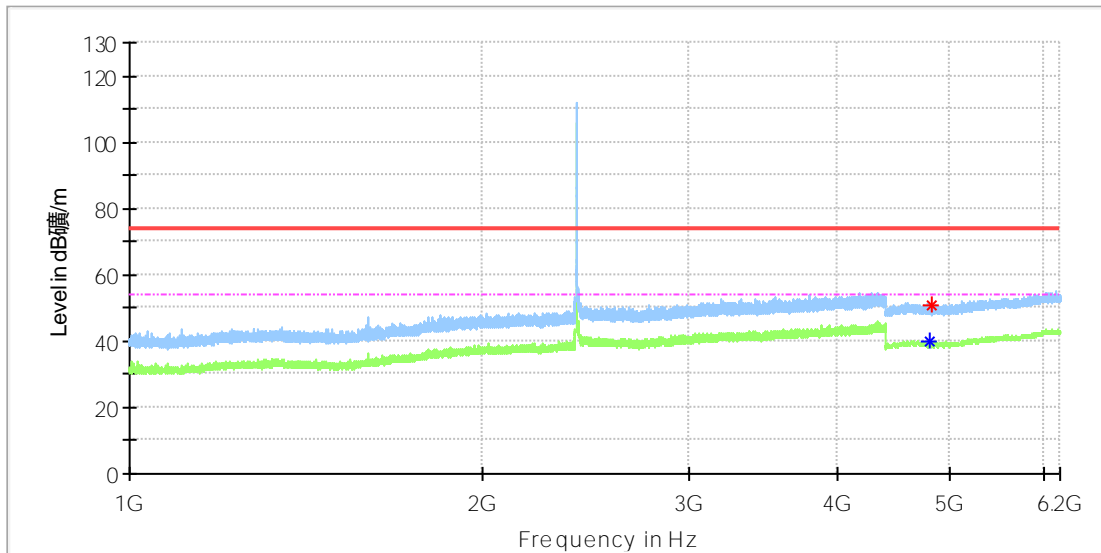
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

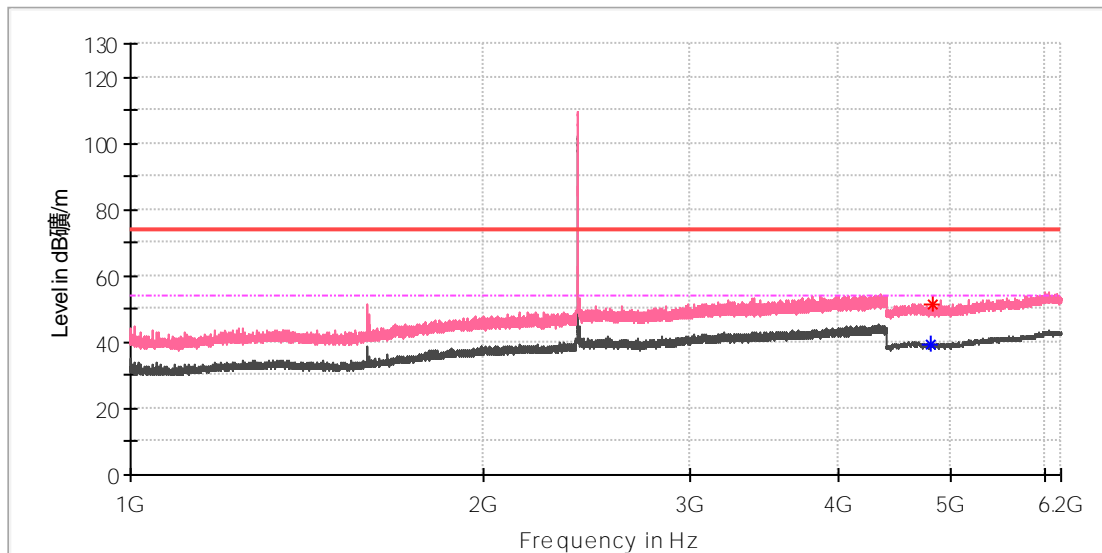
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.500000	---	39.91	54.00	14.09	100.0	H	331.0	11.8
4815.500000	51.00	---	74.00	23.00	100.0	H	20.0	11.8

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

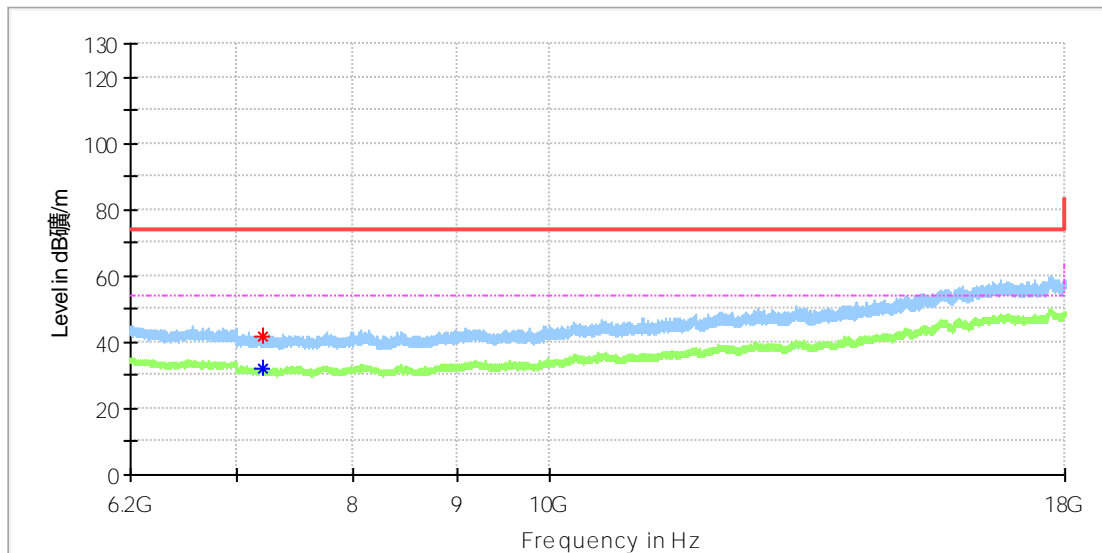
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.500000	---	39.46	54.00	14.54	100.0	V	341.0	11.8
4820.500000	51.38	---	74.00	22.62	100.0	V	148.0	11.8

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

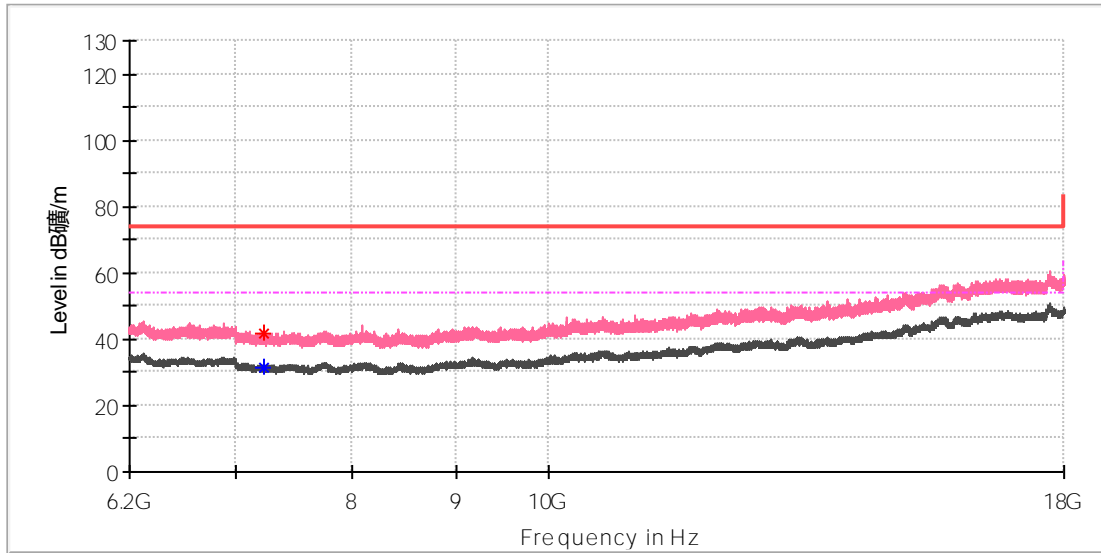
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7213.816667	---	31.84	54.00	22.16	100.0	H	158.0	8.7
7215.783333	41.98	---	74.00	32.02	100.0	H	188.0	8.7

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

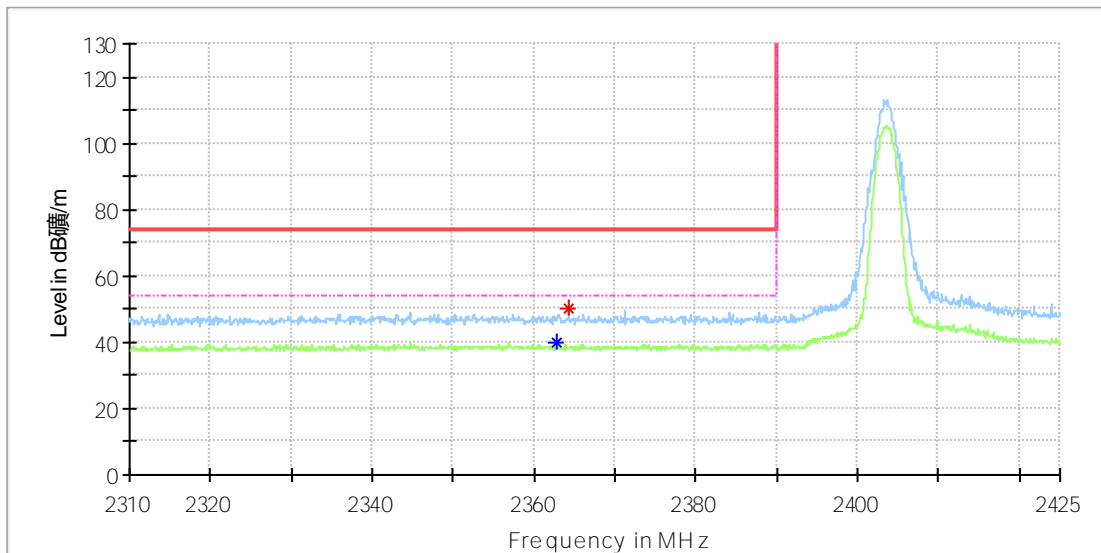
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7222.666667	41.54	---	74.00	32.46	100.0	V	96.0	8.7
7225.616667	---	31.72	54.00	22.28	100.0	V	276.0	8.7

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

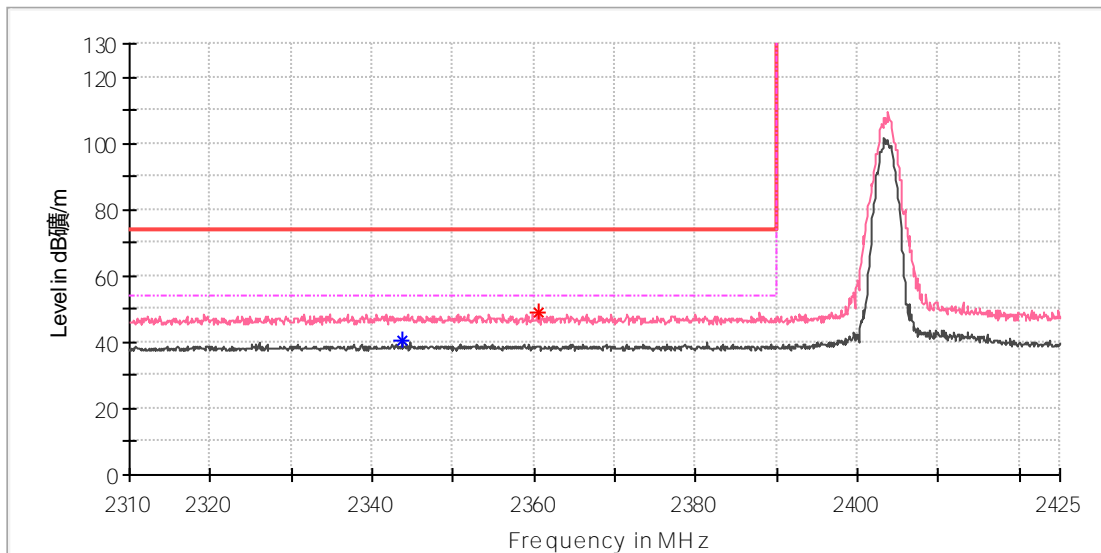
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2362.900000	---	39.66	54.00	14.34	100.0	H	326.0	6.9
2364.300000	50.16	---	74.00	23.84	100.0	H	316.0	6.9

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

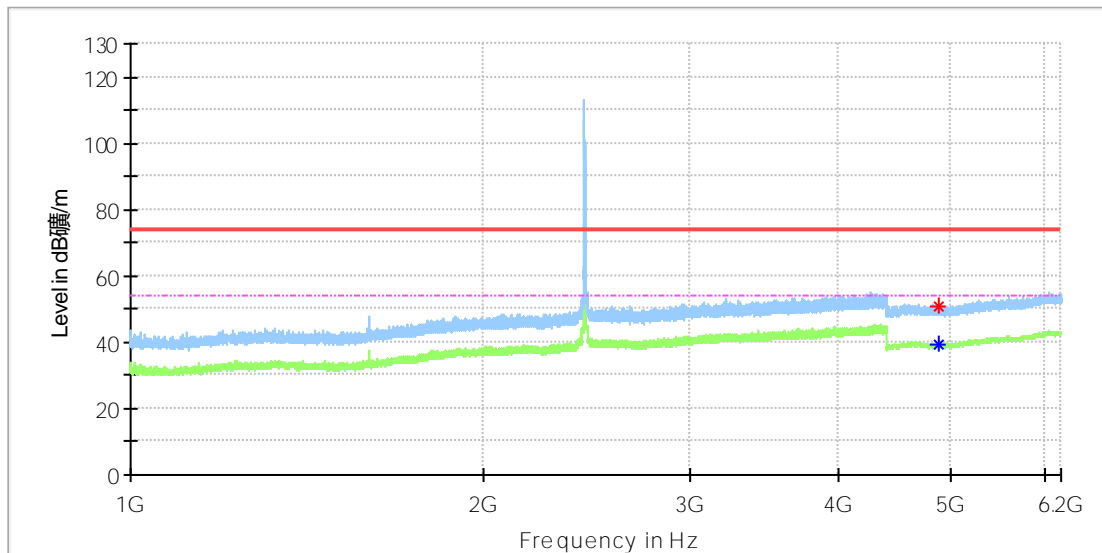
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2343.700000	---	40.36	54.00	13.64	100.0	V	163.0	6.9
2360.600000	49.16	---	74.00	24.84	100.0	V	193.0	6.9

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

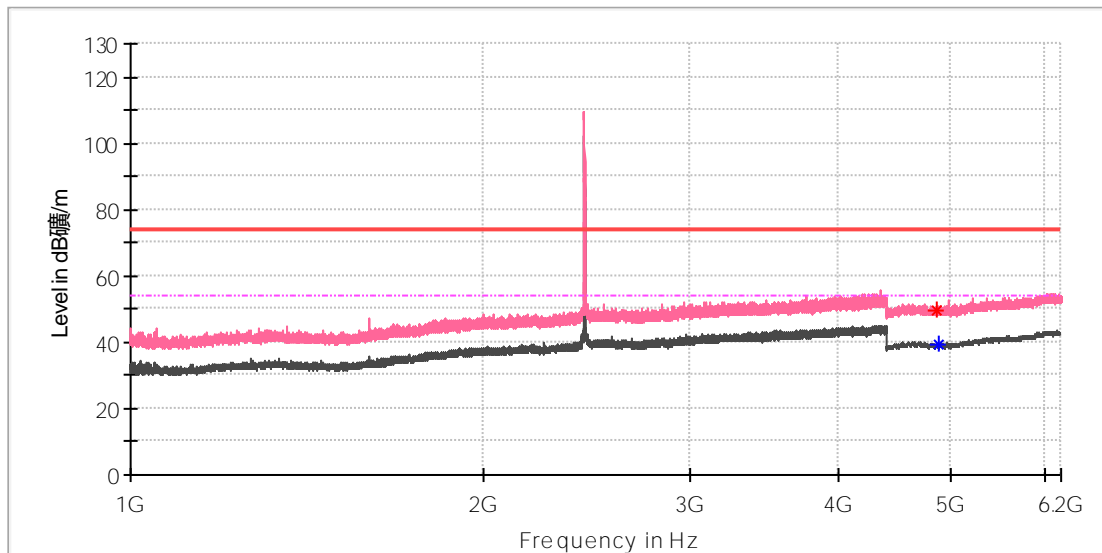
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.000000	---	39.35	54.00	14.65	100.0	H	177.0	11.8
4873.500000	50.99	---	74.00	23.01	100.0	H	23.0	11.8

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

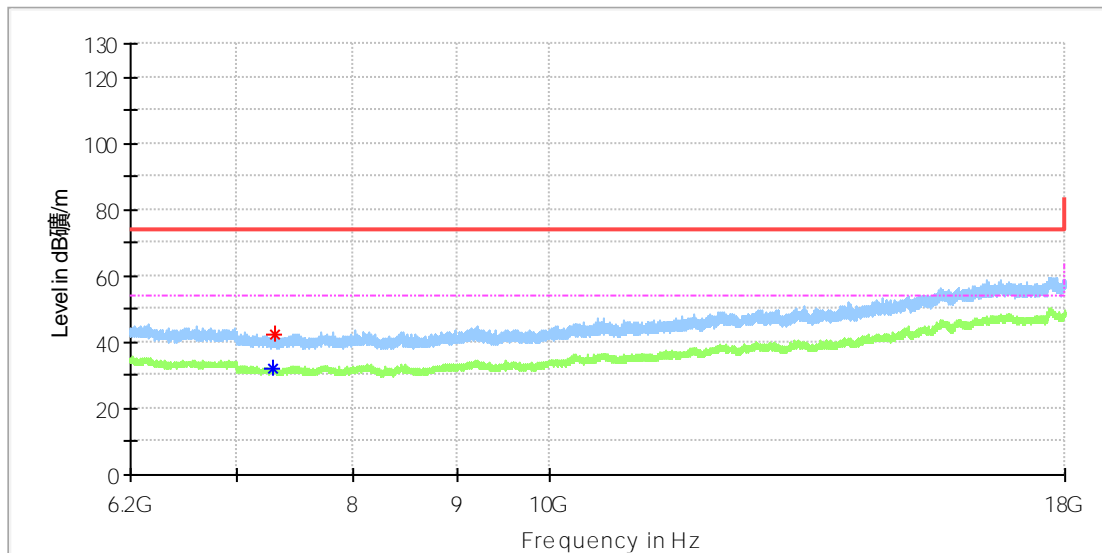
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4868.000000	49.70	---	74.00	24.30	100.0	V	22.0	11.8
4877.500000	---	39.11	54.00	14.89	100.0	V	270.0	11.8

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

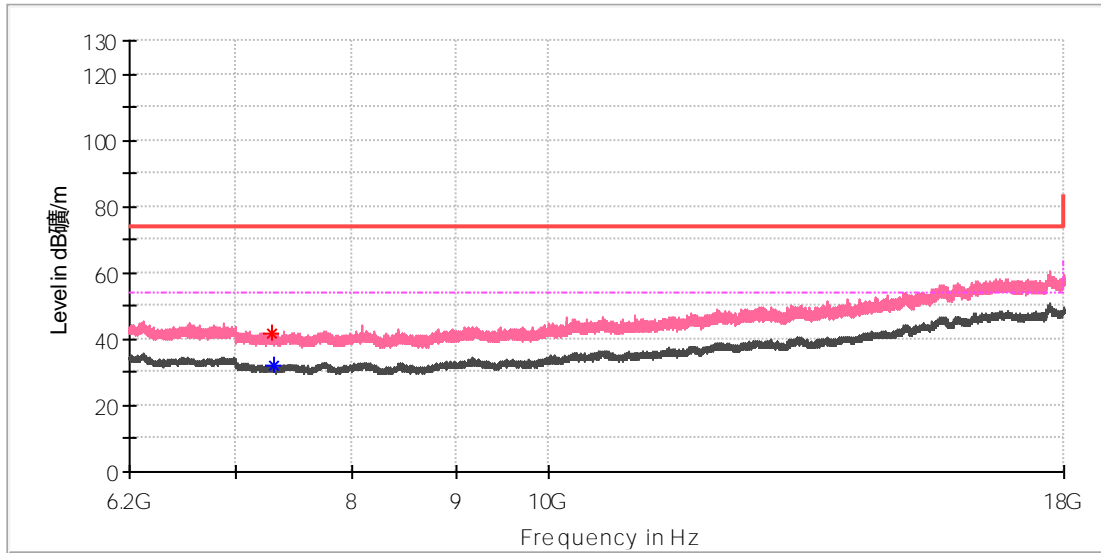
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7299.366667	---	32.31	54.00	21.69	100.0	H	57.0	8.3
7303.300000	42.43	---	74.00	31.58	100.0	H	321.0	8.3

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

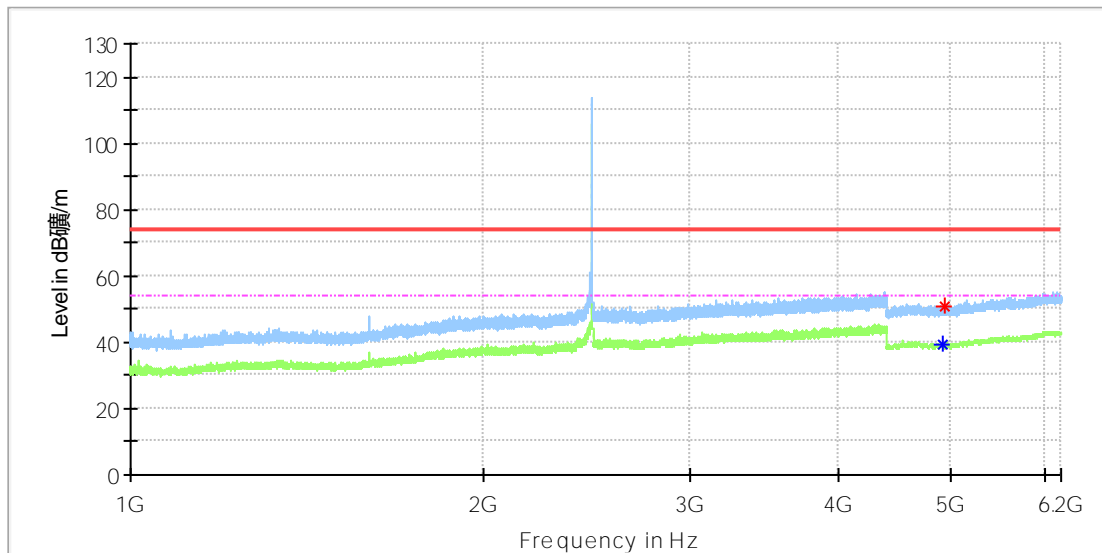
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7297.891667	41.94	---	74.00	32.06	100.0	V	124.0	8.3
7309.691667	---	32.21	54.00	21.79	100.0	V	161.0	8.2

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

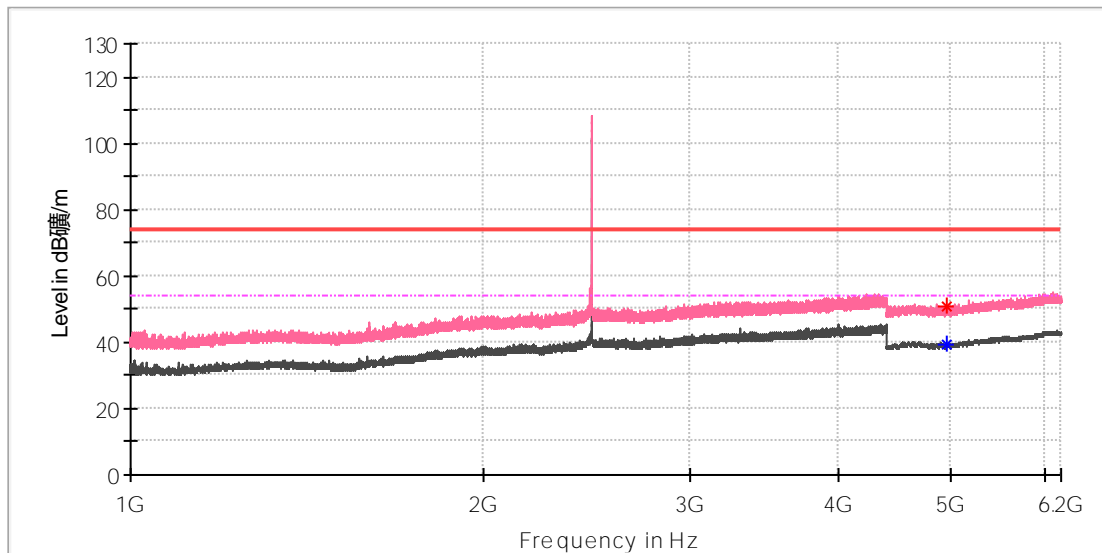
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4911.000000	---	39.39	54.00	14.61	100.0	H	342.0	11.8
4926.500000	50.91	---	74.00	23.09	100.0	H	252.0	11.8

Final Result

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