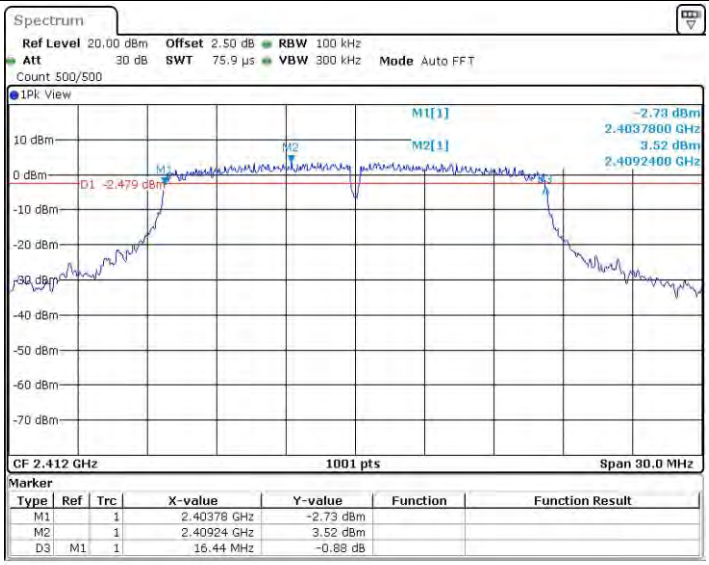
Appendix A1: Minimum 6 dB RF Bandwidth

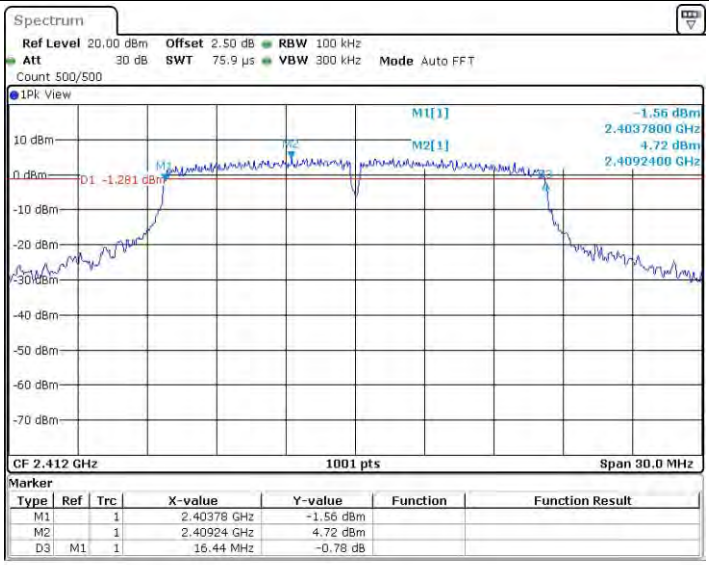
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11G	Ant1	2412	16.440	2403.780	2420.220	>=0.5	PASS
	Ant2	2412	16.440	2403.780	2420.220	>=0.5	PASS
	Ant1	2437	16.440	2428.780	2445.220	>=0.5	PASS
	Ant2	2437	16.440	2428.780	2445.220	>=0.5	PASS
	Ant1	2462	16.440	2453.780	2470.220	>=0.5	PASS
	Ant2	2462	16.440	2453.780	2470.220	>=0.5	PASS
11N20	Ant1	2412	17.640	2403.180	2420.820	>=0.5	PASS
	Ant2	2412	17.670	2403.150	2420.820	>=0.5	PASS
	Ant1	2437	17.670	2428.150	2445.820	>=0.5	PASS
	Ant2	2437	17.670	2428.150	2445.820	>=0.5	PASS
	Ant1	2462	17.640	2453.180	2470.820	>=0.5	PASS
	Ant2	2462	17.640	2453.180	2470.820	>=0.5	PASS
11N40	Ant1	2422	36.480	2403.760	2440.240	>=0.5	PASS
	Ant2	2422	36.480	2403.760	2440.240	>=0.5	PASS
	Ant1	2437	36.480	2418.760	2455.240	>=0.5	PASS
	Ant2	2437	36.540	2418.700	2455.240	>=0.5	PASS
	Ant1	2452	36.480	2433.760	2470.240	>=0.5	PASS
	Ant2	2452	36.480	2433.760	2470.240	>=0.5	PASS
11B	Ant1	2412	10.170	2406.900	2417.070	>=0.5	PASS
	Ant2	2412	10.170	2406.900	2417.070	>=0.5	PASS
	Ant1	2437	10.170	2431.900	2442.070	>=0.5	PASS
	Ant2	2437	10.170	2431.900	2442.070	>=0.5	PASS
	Ant1	2462	10.170	2456.900	2467.070	>=0.5	PASS
	Ant2	2462	10.170	2456.900	2467.070	>=0.5	PASS

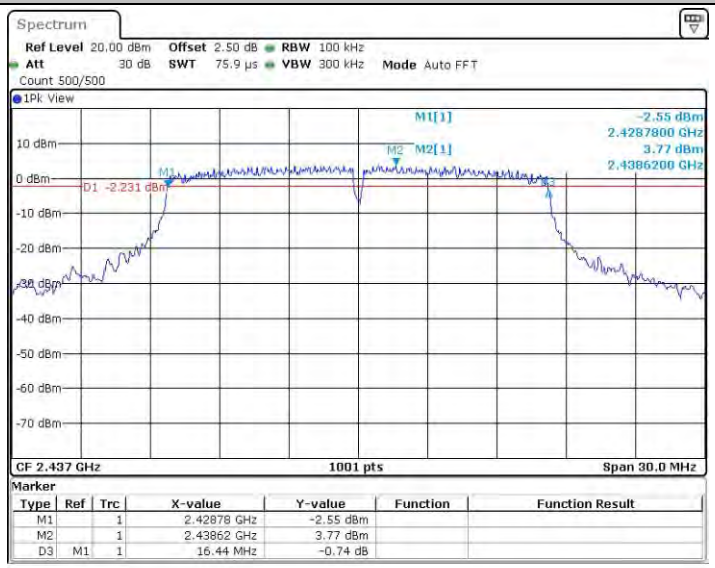
Test Graphs



11G_Ant1_2412



11G_Ant2_2412



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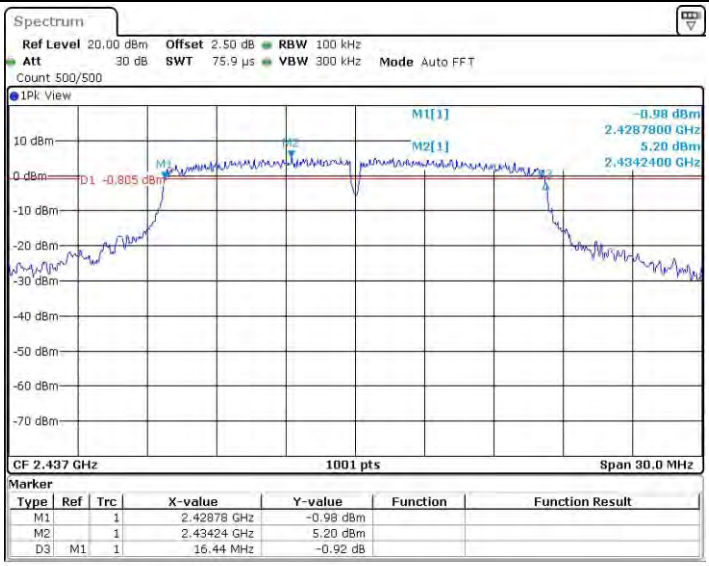

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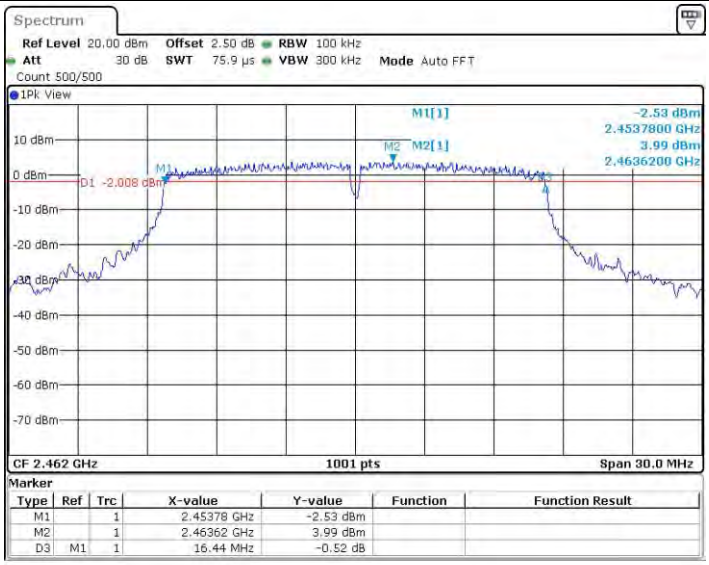

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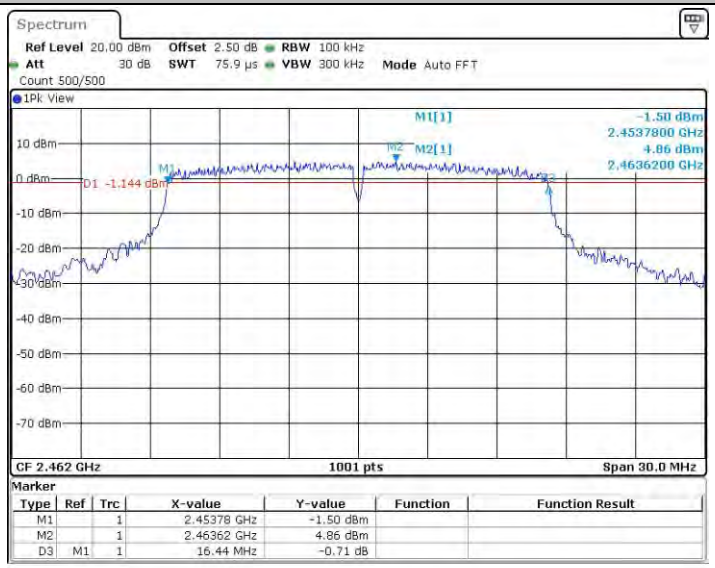

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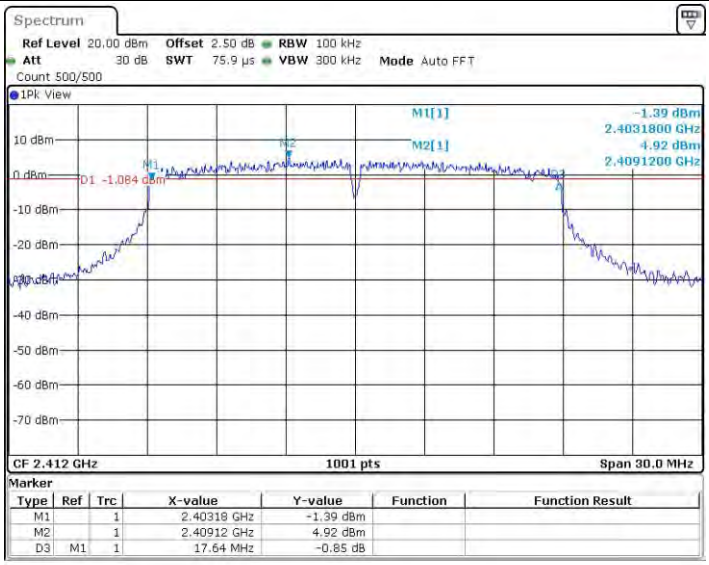
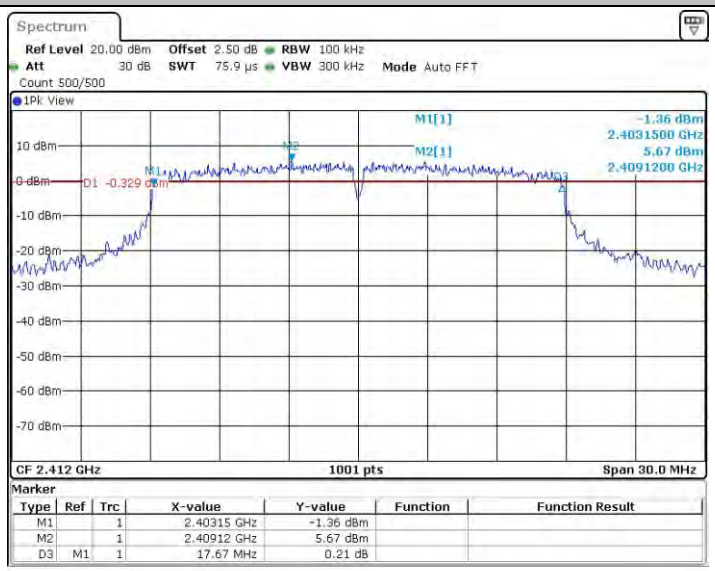


11N20_Ant1_2412



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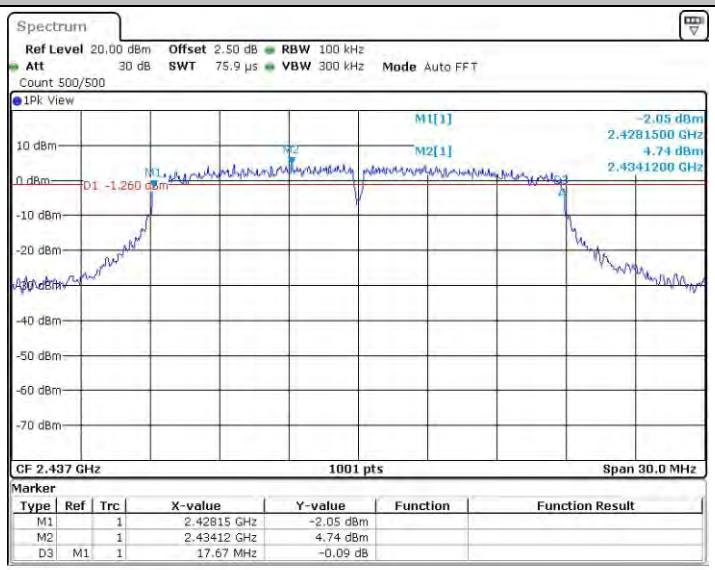

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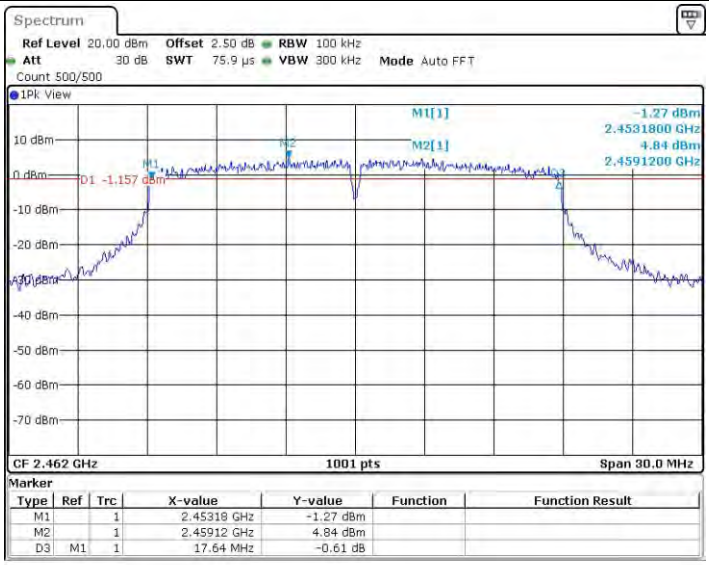
11N20_Ant2_2437



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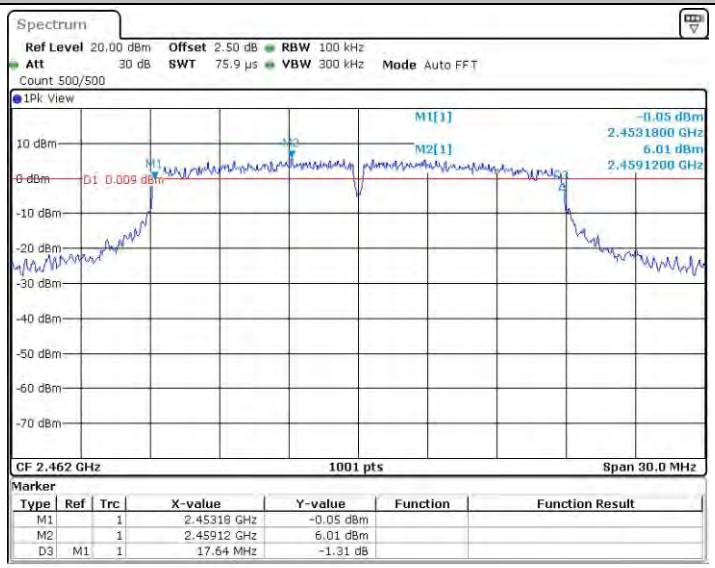

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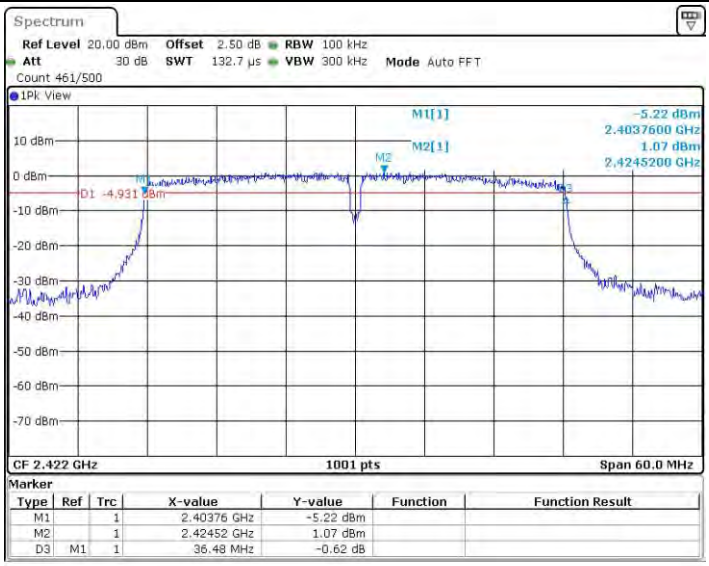

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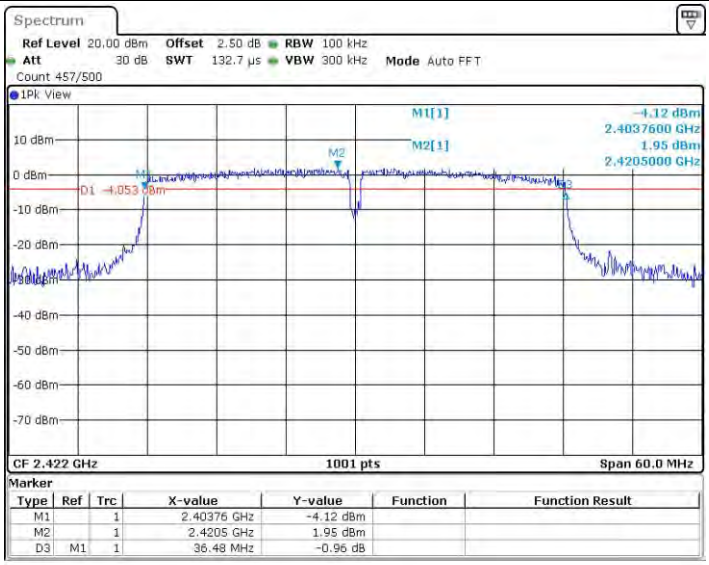
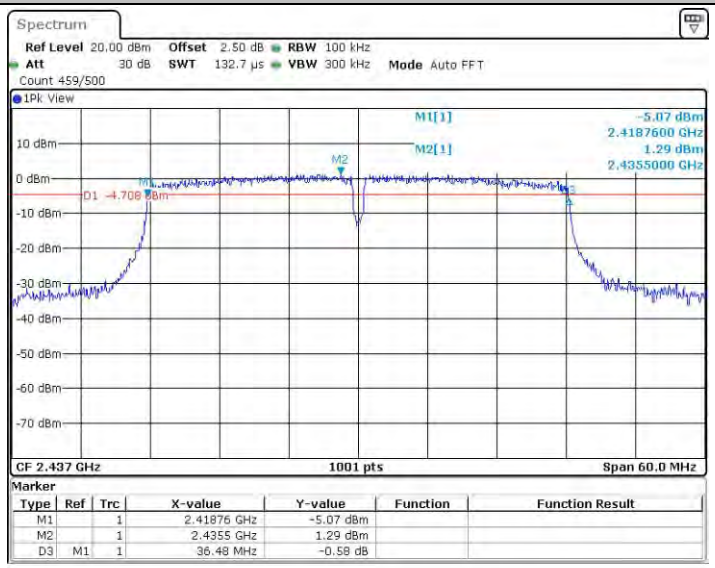
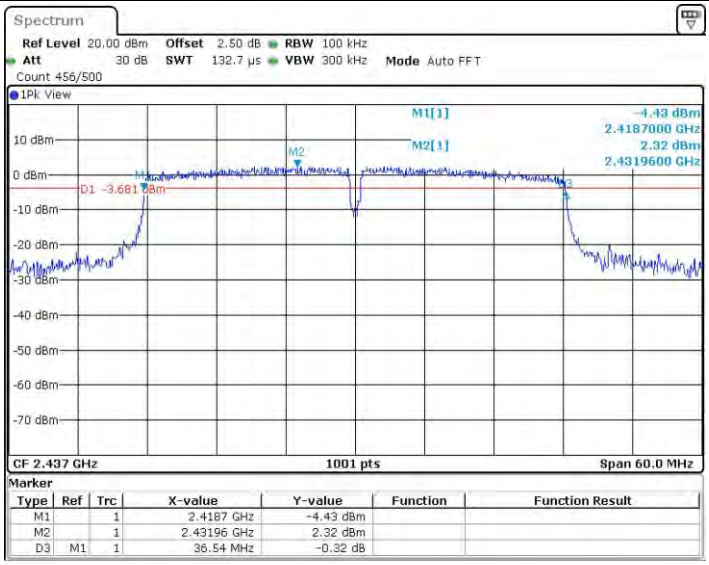


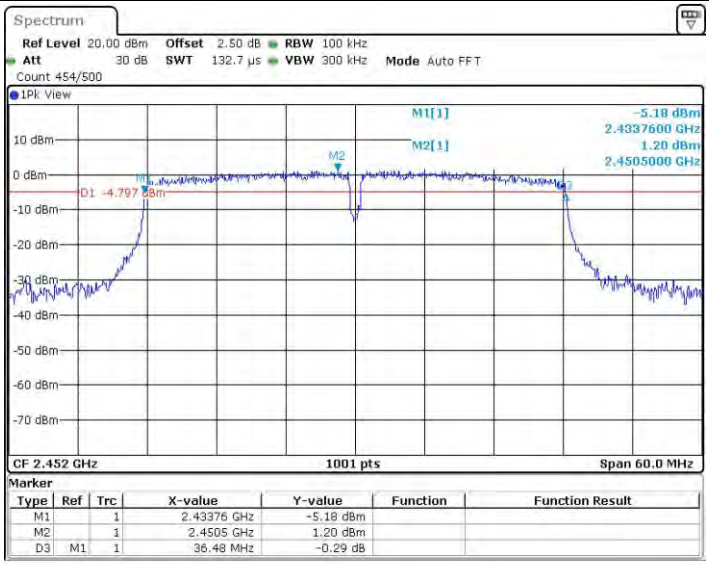
11N40_Ant2_2422



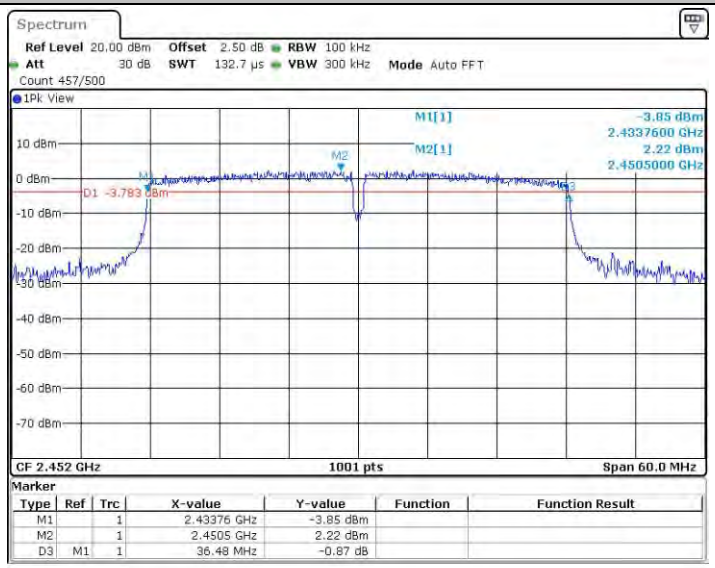
11N40_Ant1_2437



11N40_Ant2_2437



11N40_Ant1_2452



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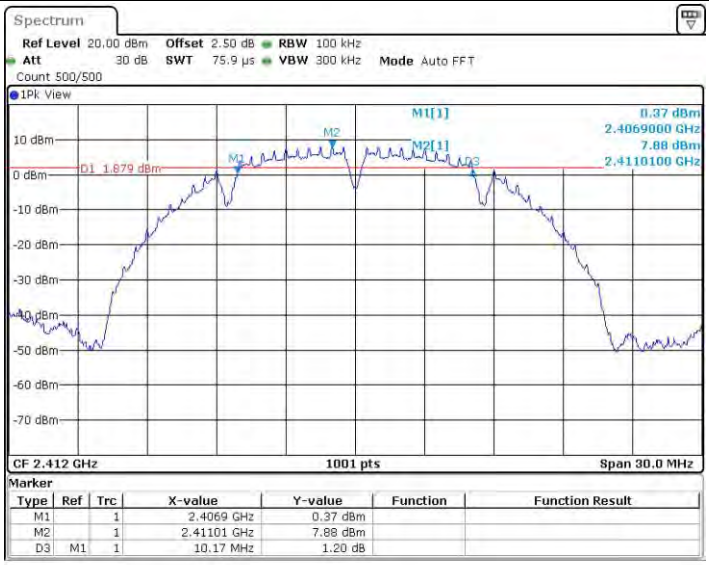
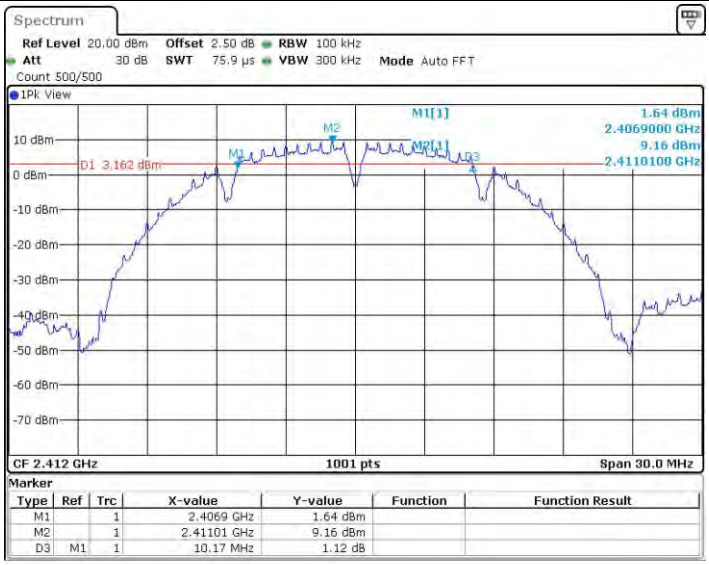
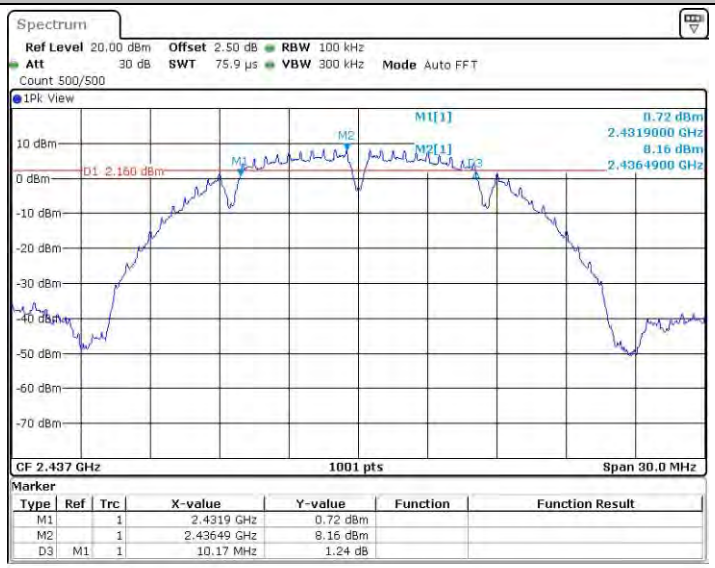


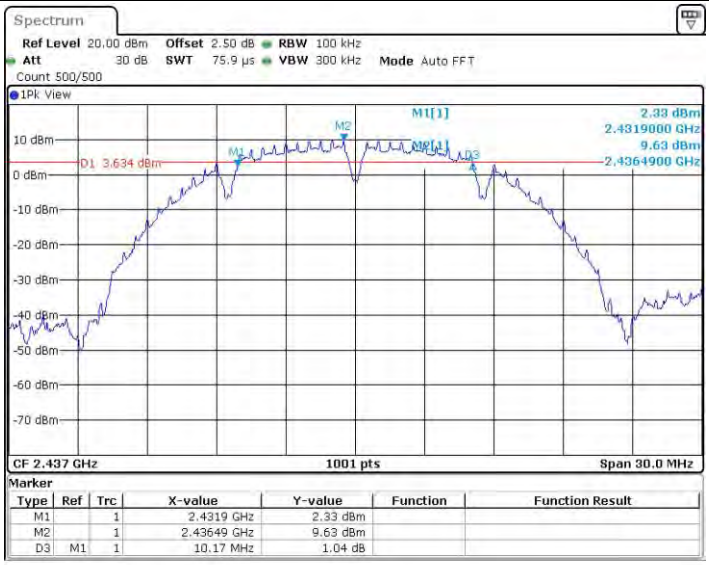
11B_Ant1_2412



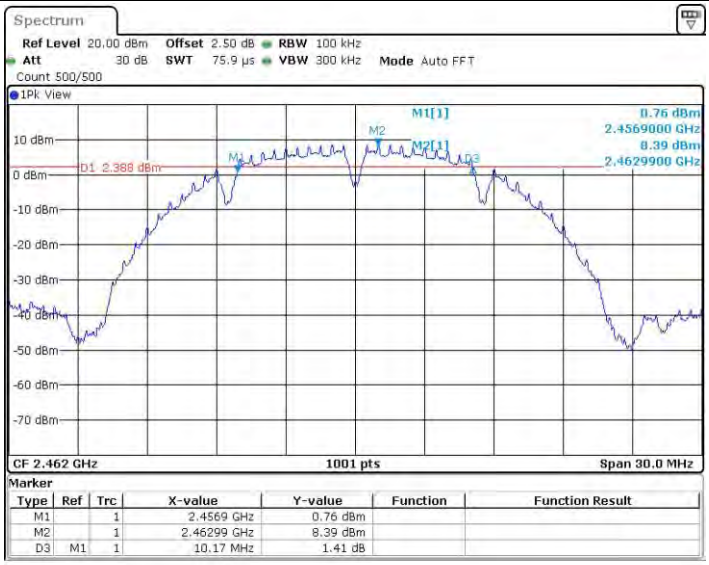
11B_Ant2_2412



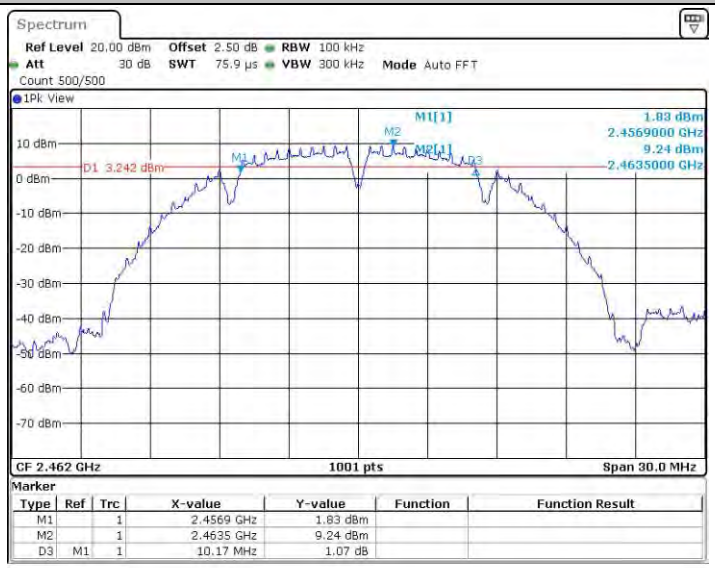
11B_Ant1_2437



11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462

Appendix A2: 99%Occupied channel bandwidth

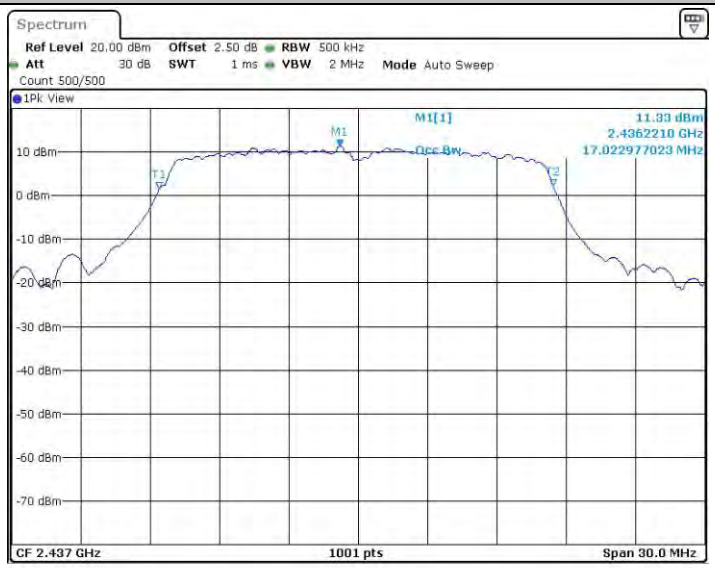
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11G	Ant1	2412	17.023	2403.369	2420.392	---	PASS
	Ant2	2412	17.113	2403.339	2420.452	---	PASS
	Ant1	2437	17.023	2428.399	2445.422	---	PASS
	Ant2	2437	17.173	2428.279	2445.452	---	PASS
	Ant1	2462	17.023	2453.399	2470.422	---	PASS
	Ant2	2462	17.143	2453.309	2470.452	---	PASS
11N20	Ant1	2412	18.132	2402.949	2421.081	---	PASS
	Ant2	2412	18.222	2402.919	2421.141	---	PASS
	Ant1	2437	18.132	2427.949	2446.081	---	PASS
	Ant2	2437	18.312	2427.859	2446.171	---	PASS
	Ant1	2462	18.132	2452.979	2471.111	---	PASS
	Ant2	2462	18.222	2452.919	2471.141	---	PASS
11N40	Ant1	2422	36.503	2403.778	2440.282	---	PASS
	Ant2	2422	36.683	2403.658	2440.342	---	PASS
	Ant1	2437	36.623	2418.718	2455.342	---	PASS
	Ant2	2437	36.863	2418.538	2455.402	---	PASS
	Ant1	2452	36.563	2433.778	2470.342	---	PASS
	Ant2	2452	36.803	2433.598	2470.402	---	PASS
11B	Ant1	2412	14.535	2404.747	2419.283	---	PASS
	Ant2	2412	14.655	2404.657	2419.313	---	PASS
	Ant1	2437	14.655	2429.687	2444.343	---	PASS
	Ant2	2437	14.715	2429.627	2444.343	---	PASS
	Ant1	2462	14.625	2454.717	2469.343	---	PASS
	Ant2	2462	14.715	2454.657	2469.373	---	PASS

Test Graphs

11G_Ant1_2412

11G_Ant2_2412



11G_Ant1_2437

11G_Ant2_2437

11G_Ant1_2462

11G_Ant2_2462

11N20_Ant1_2412

11N20_Ant2_2412

11N20_Ant1_2437

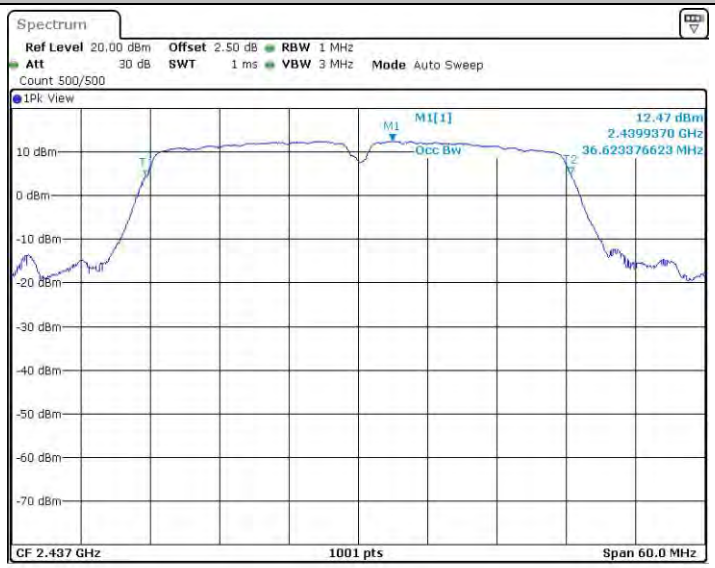
11N20_Ant2_2437

11N20_Ant1_2462

11N20_Ant2_2462

11N40_Ant1_2422

11N40_Ant2_2422

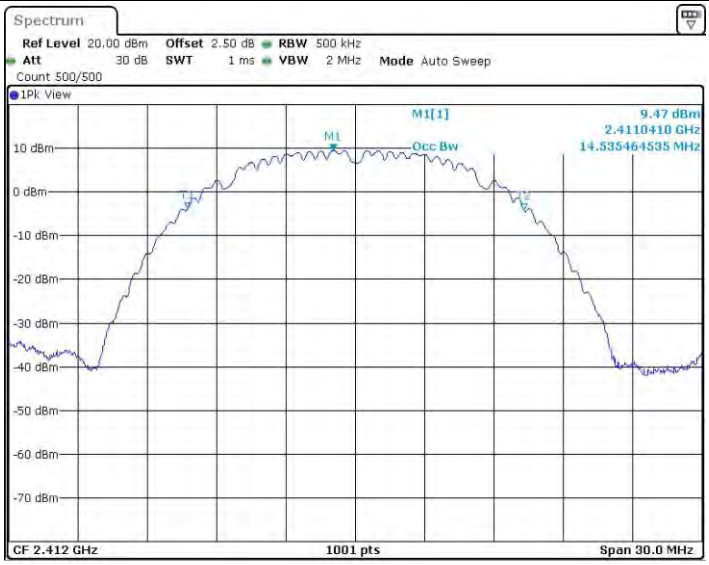


11N40_Ant1_2437

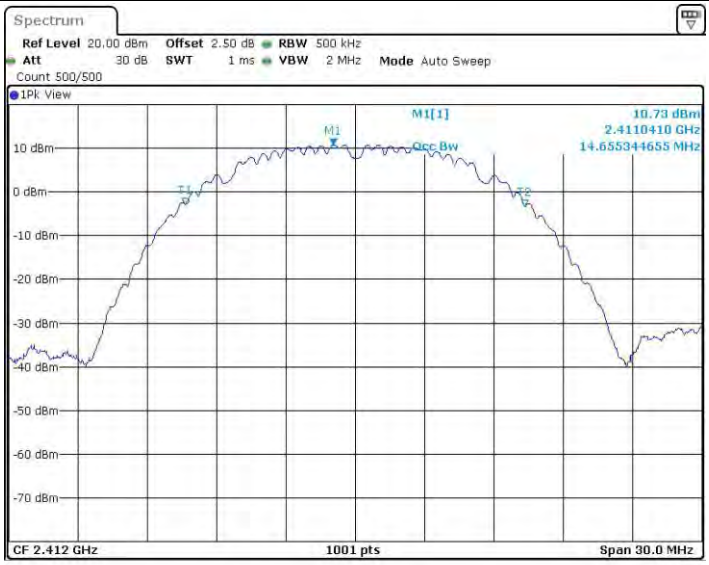
11N40_Ant2_2437

11N40_Ant1_2452

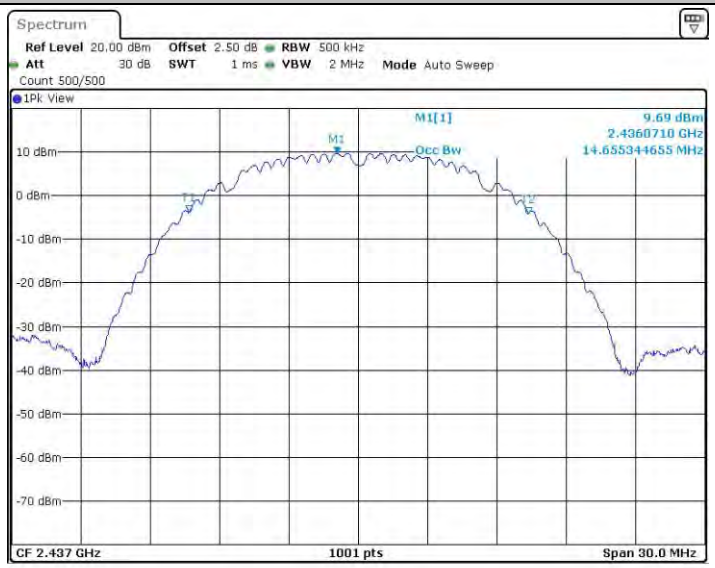
11N40_Ant2_2452



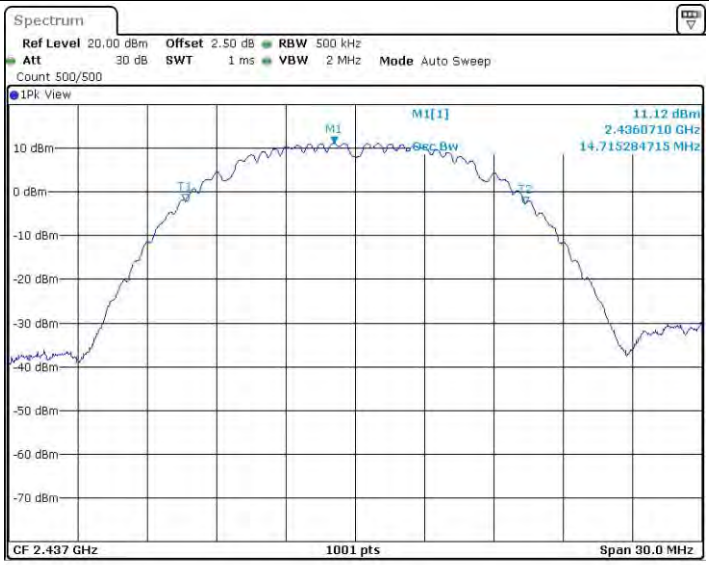
11B_Ant1_2412



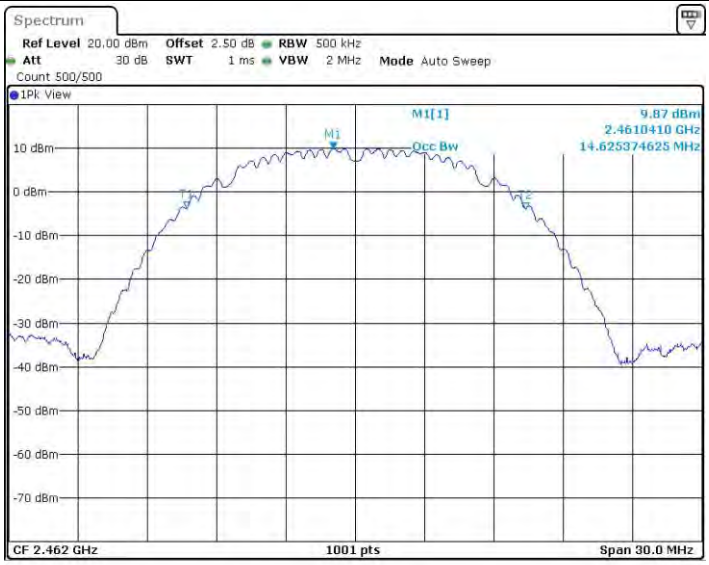
11B_Ant2_2412



11B_Ant1_2437



11B_Ant2_2437



11B_Ant1_2462

11B_Ant2_2462

Appendix B: Maximum power density

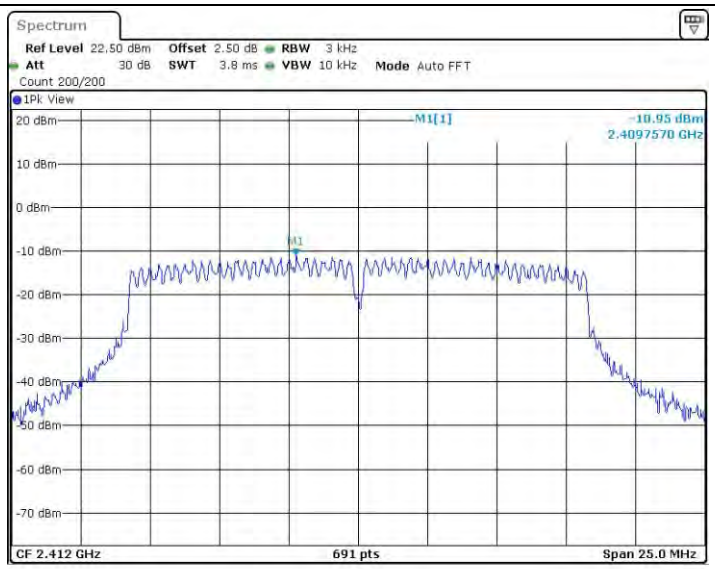
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11G	Ant1	2412	-10.95	<=8	PASS
	Ant2	2412	-9.9	<=8	PASS
	Ant1	2437	-10.67	<=8	PASS
	Ant2	2437	-9.42	<=8	PASS
	Ant1	2462	-10.75	<=8	PASS
	Ant2	2462	-9.82	<=8	PASS
11N20	Ant1	2412	-9.12	<=8	PASS
	Ant2	2412	-8.2	<=8	PASS
	Ant1	2437	-8.91	<=8	PASS
	Ant2	2437	-7.82	<=8	PASS
	Ant1	2462	-8.89	<=8	PASS
	Ant2	2462	-8.12	<=8	PASS
11N40	Ant1	2422	-19	<=8	PASS
	Ant2	2422	-18.05	<=8	PASS
	Ant1	2437	-18.71	<=8	PASS
	Ant2	2437	-17.62	<=8	PASS
	Ant1	2452	-18.72	<=8	PASS
	Ant2	2452	-17.77	<=8	PASS
11B	Ant1	2412	-12.77	<=8	PASS
	Ant2	2412	-11.5	<=8	PASS
	Ant1	2437	-12.55	<=8	PASS
	Ant2	2437	-11.12	<=8	PASS
	Ant1	2462	-12.39	<=8	PASS
	Ant2	2462	-11.51	<=8	PASS
11N20MIMO	Ant1	2412	-15.58	<=8	PASS
	Ant2	2412	-14.79	<=8	PASS
	total	2412	-12.16	<=8	PASS
	Ant1	2437	-15.36	<=8	PASS
	Ant2	2437	-14.35	<=8	PASS
	total	2437	-11.82	<=8	PASS
	Ant1	2462	-15.3	<=8	PASS
	Ant2	2462	-14.61	<=8	PASS
	total	2462	-11.93	<=8	PASS
11N40MIMO	Ant1	2422	-20.07	<=8	PASS
	Ant2	2422	-19.08	<=8	PASS
	total	2422	-16.54	<=8	PASS
	Ant1	2437	-19.78	<=8	PASS
	Ant2	2437	-18.57	<=8	PASS
	total	2437	-16.12	<=8	PASS
	Ant1	2452	-20.04	<=8	PASS

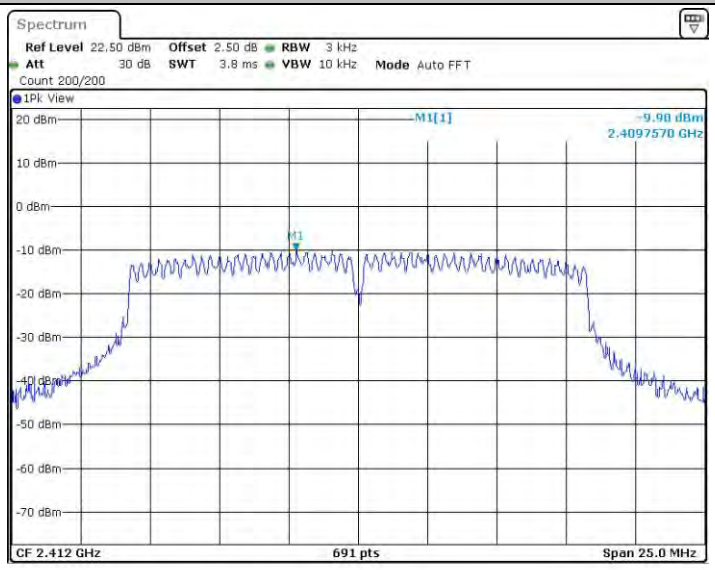
TestMode	Antenna	Channel	Result	Limit	Verdict
	Ant2	2452	-18.81	<=8	PASS
	total	2452	-16.37	<=8	PASS

Note：The Duty Cycle Factor is compensated in the graph.

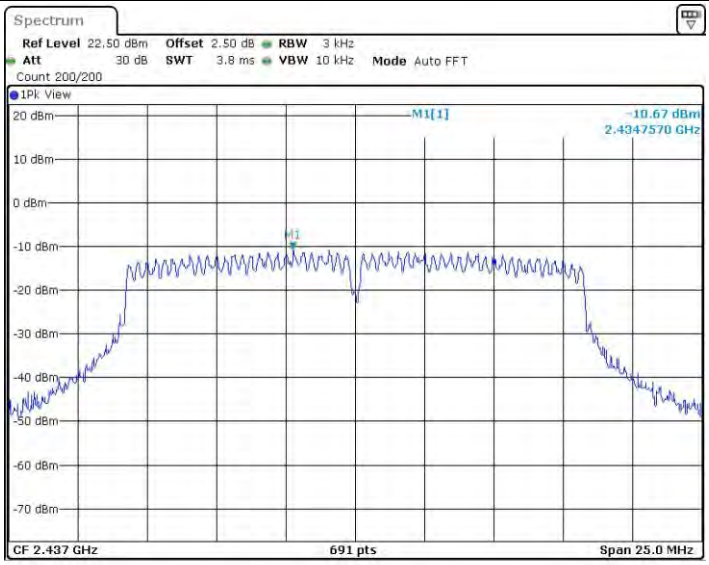
Test Graphs



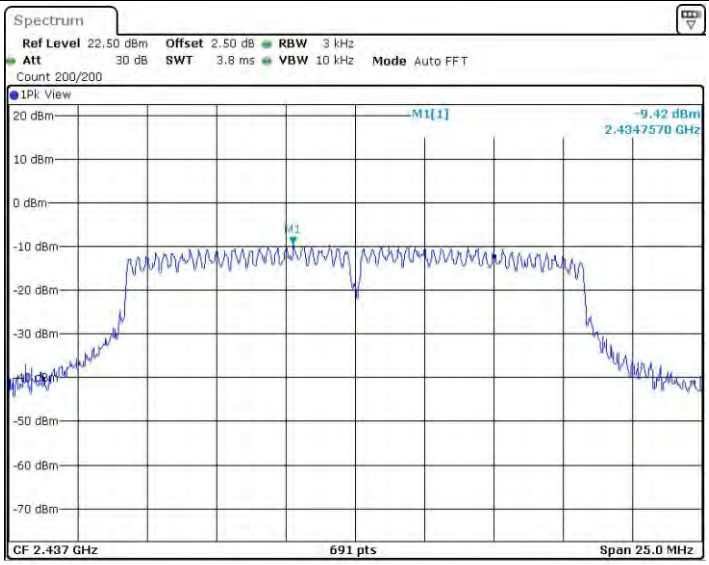
11G_Ant1_2412



11G_Ant2_2412



11G_Ant1_2437



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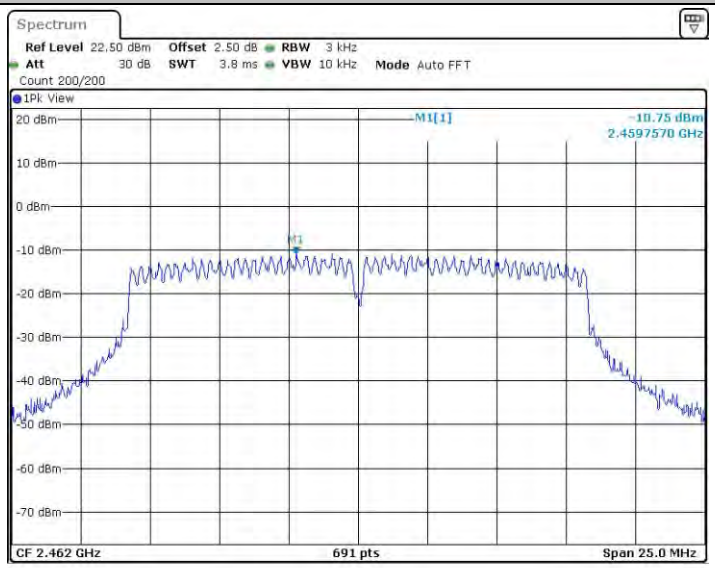

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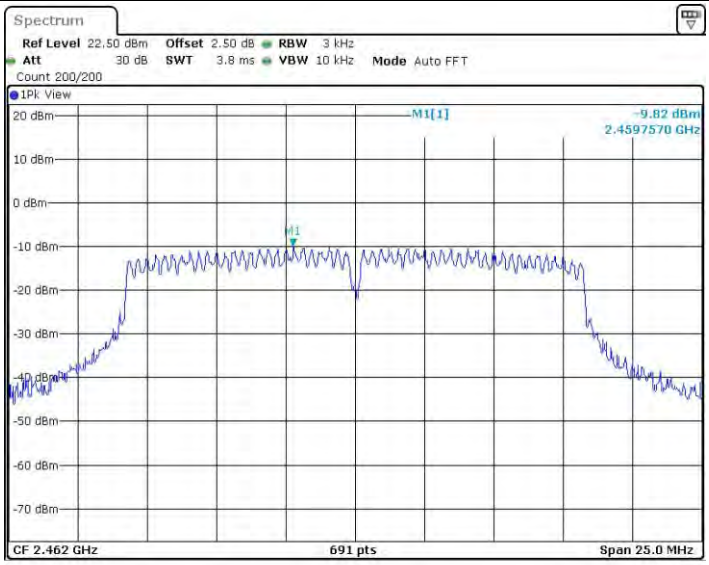

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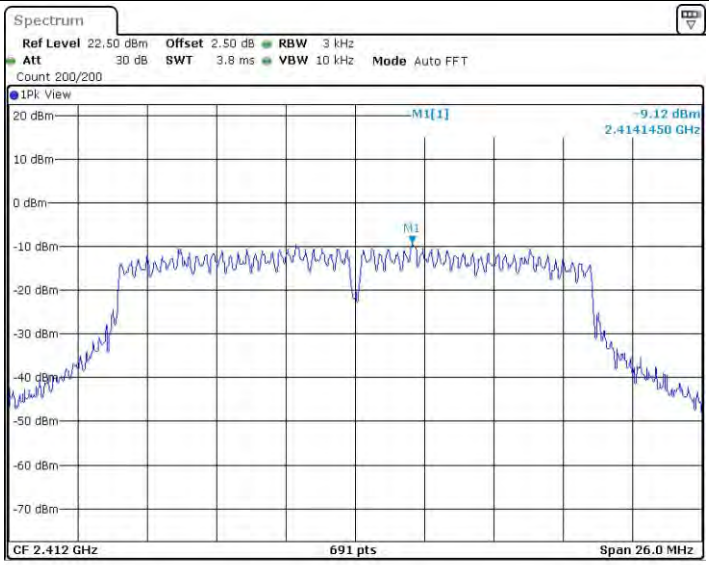
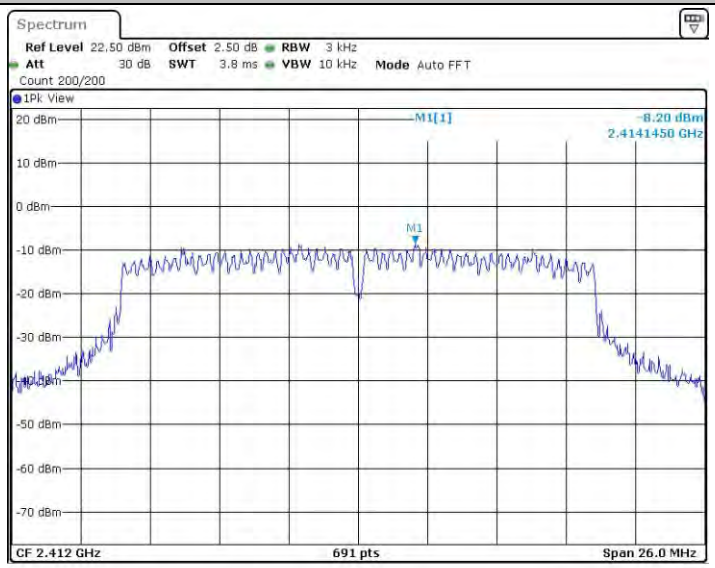
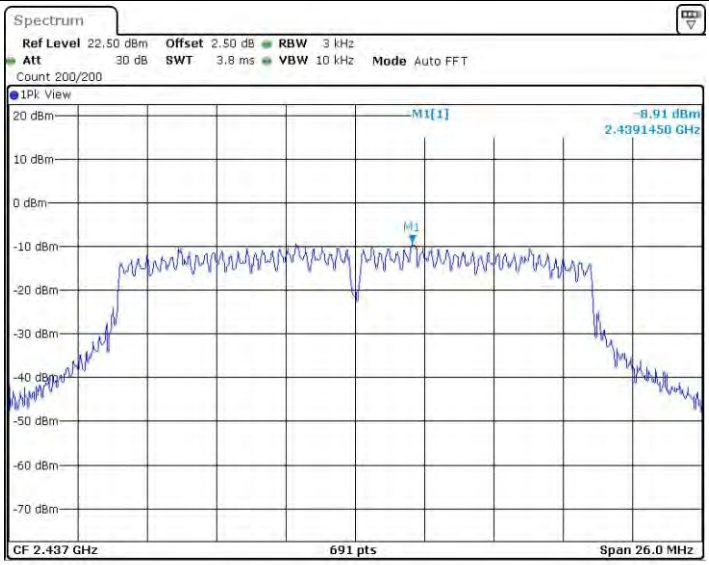


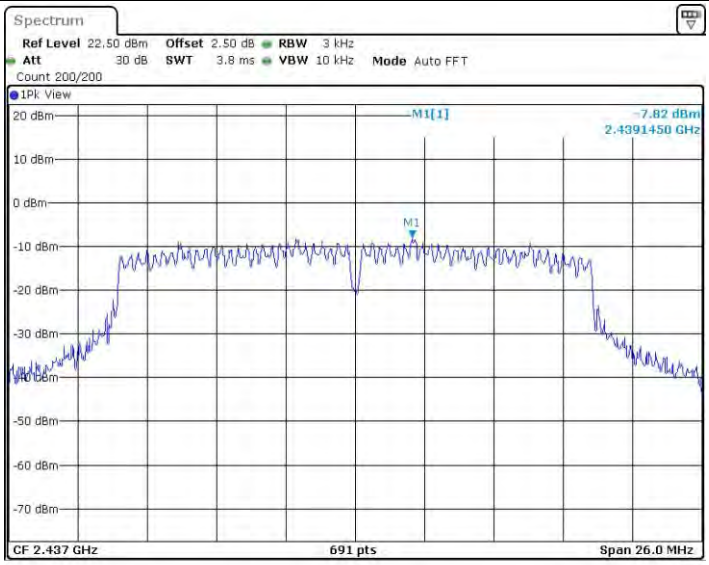
11N20_Ant1_2412



11N20_Ant2_2412



11N20_Ant1_2437



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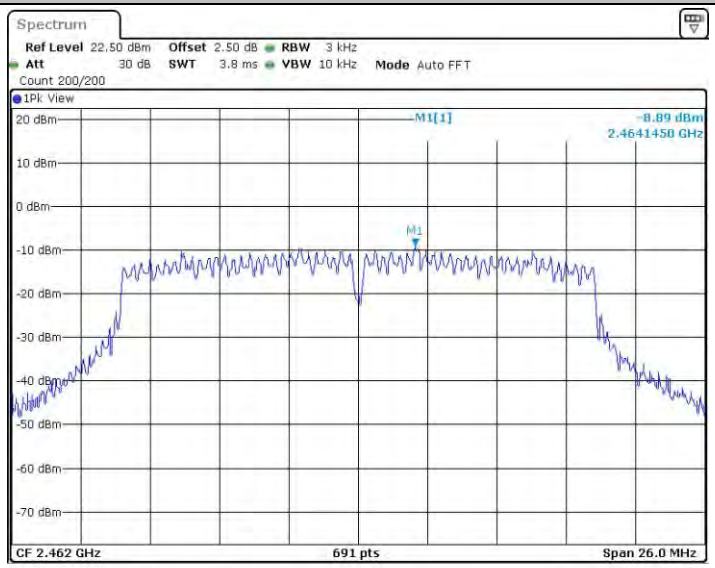
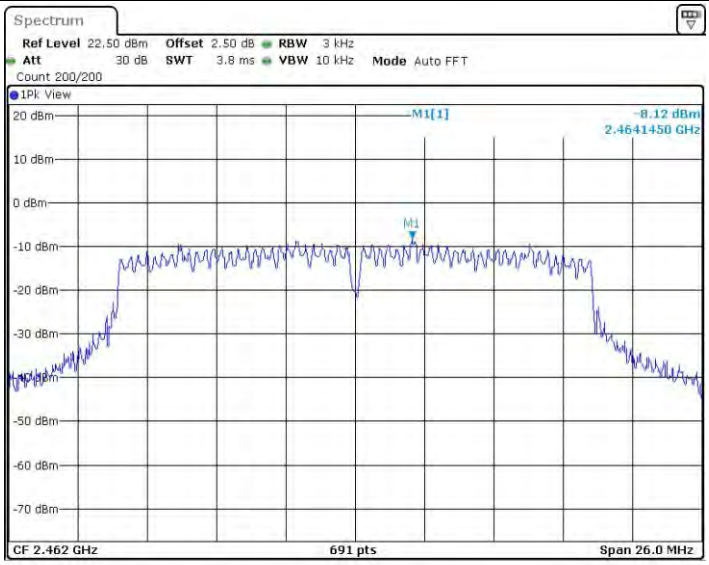
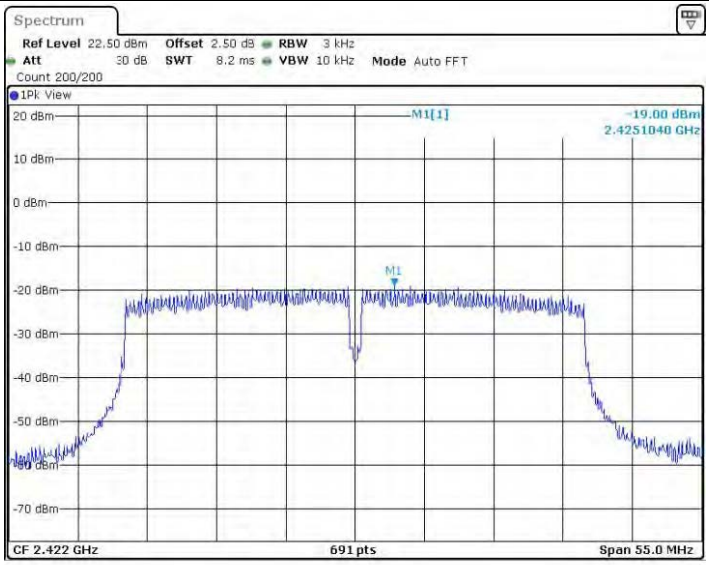


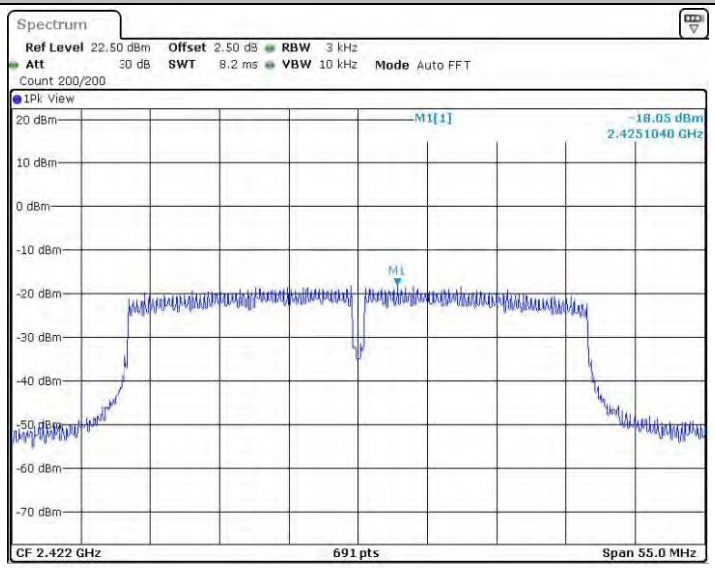
11N20_Ant1_2462



11N20_Ant2_2462



11N40_Ant1_2422



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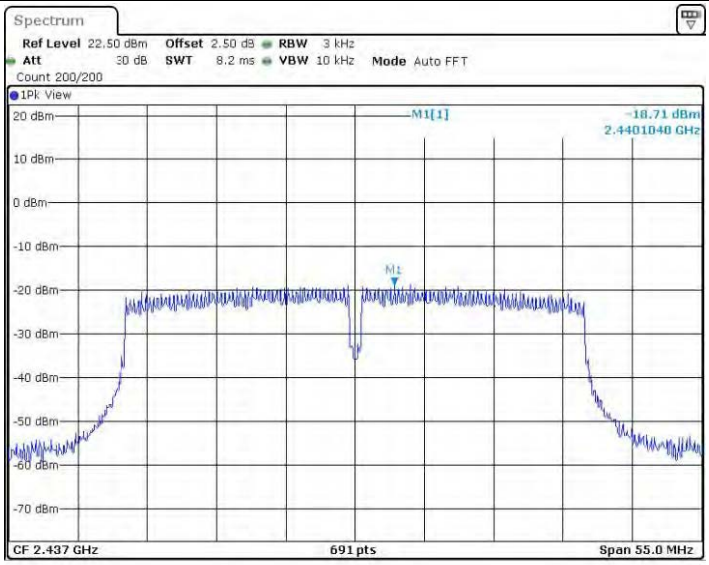
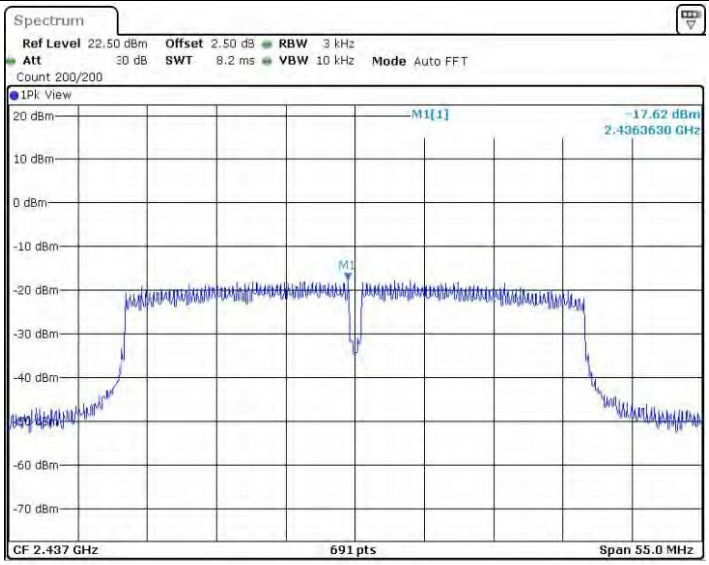
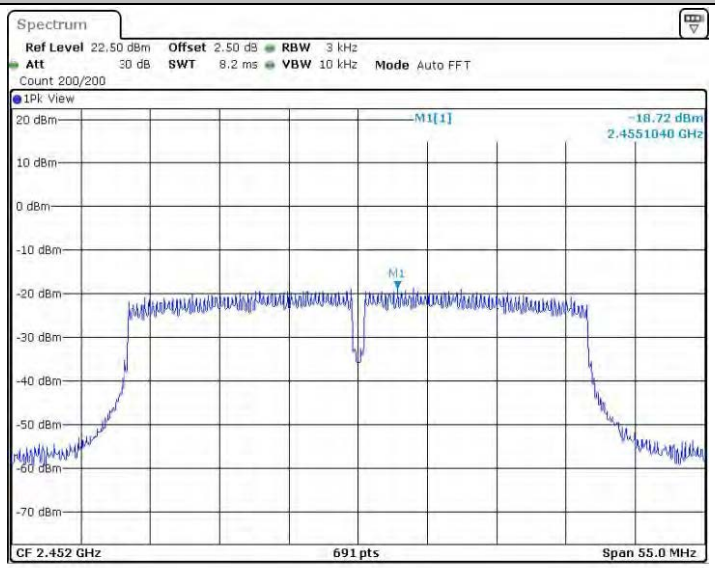


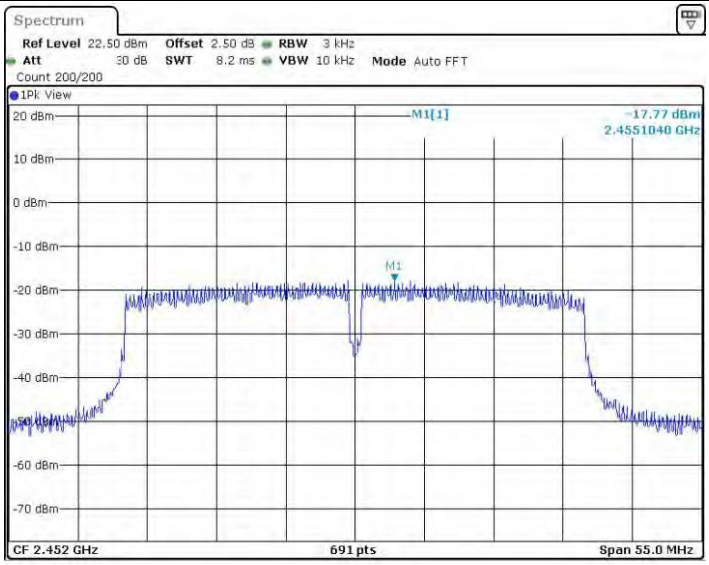
11N40_Ant1_2437



11N40_Ant2_2437



11N40_Ant1_2452



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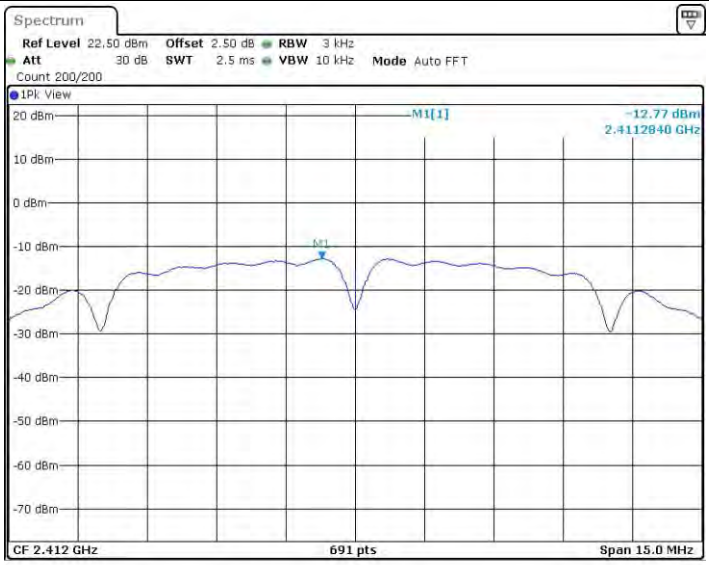
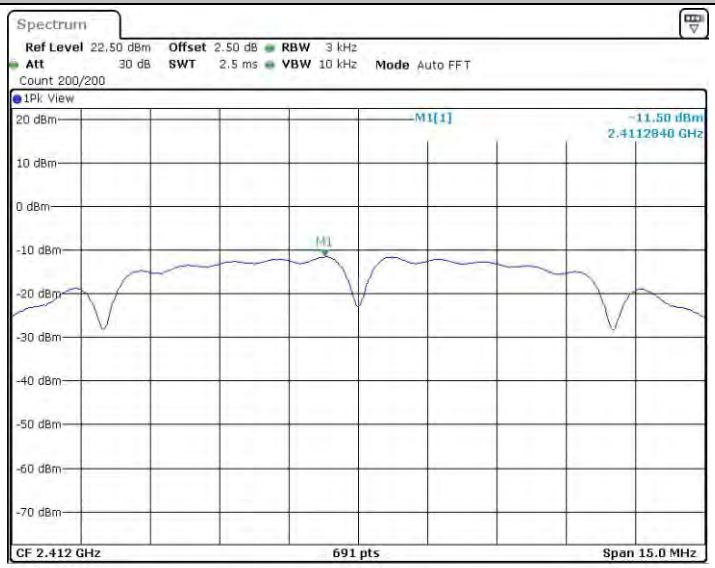
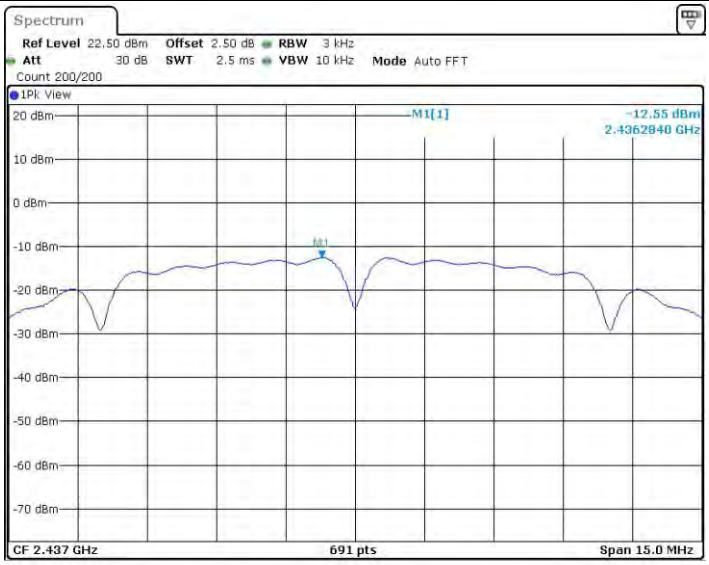


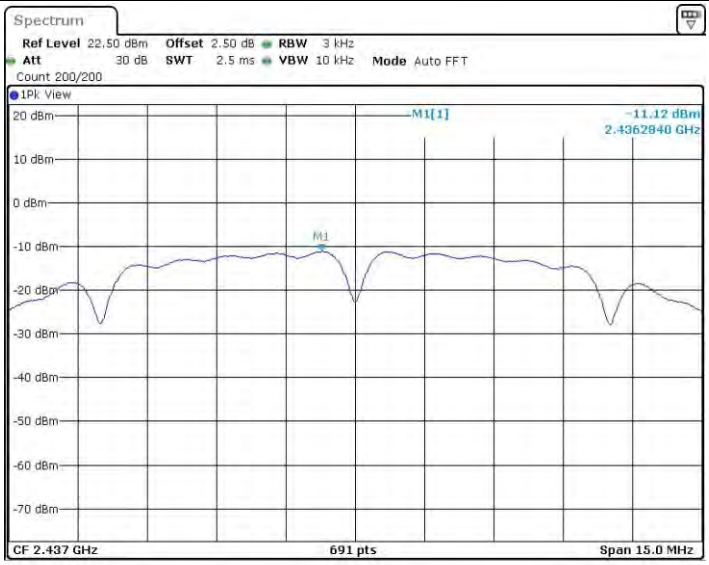
11B_Ant1_2412



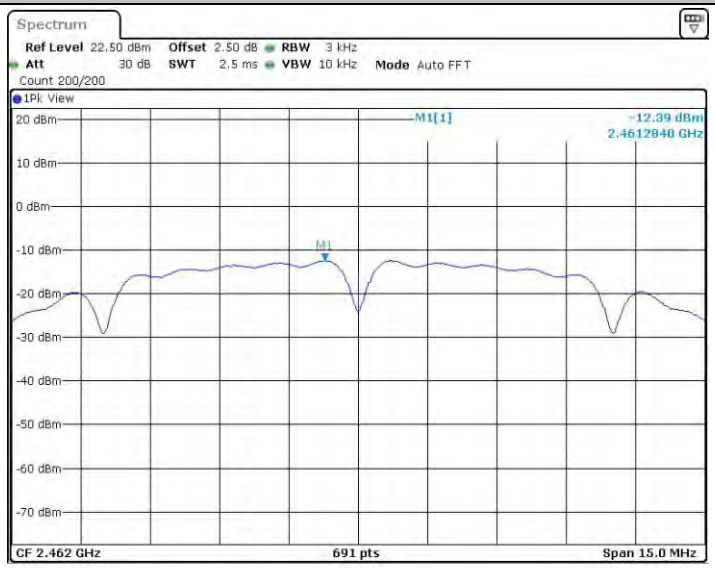
11B_Ant2_2412



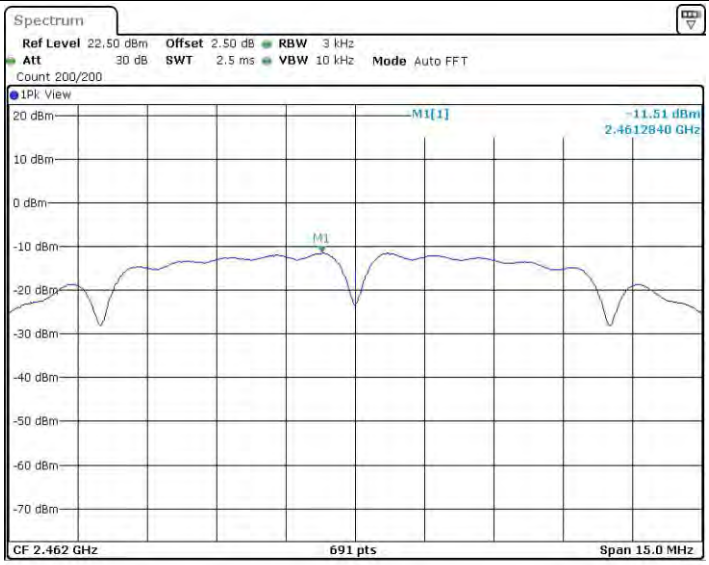
11B_Ant1_2437



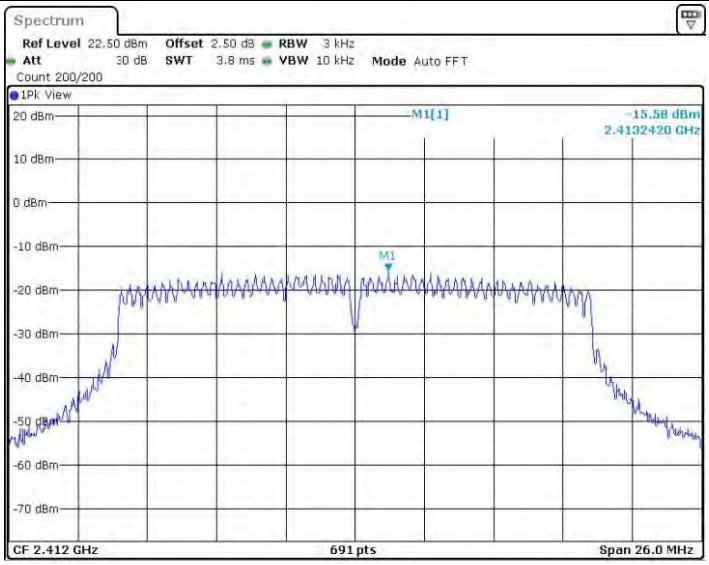
11B_Ant2_2437



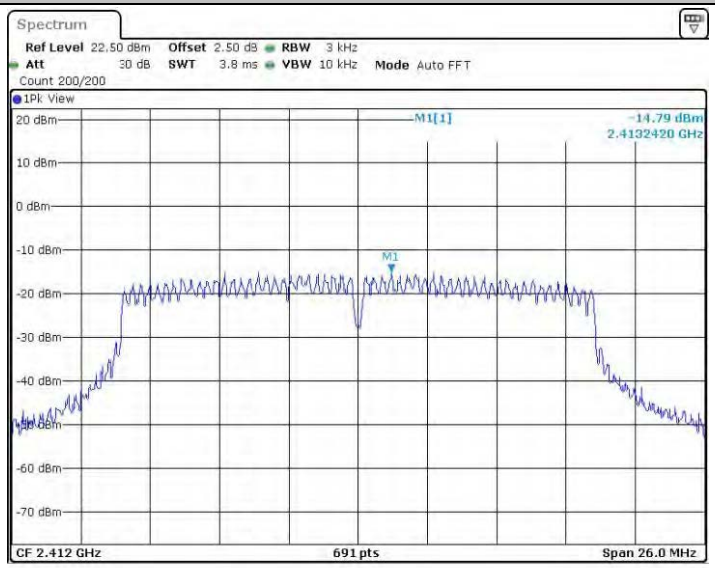
11B_Ant1_2462



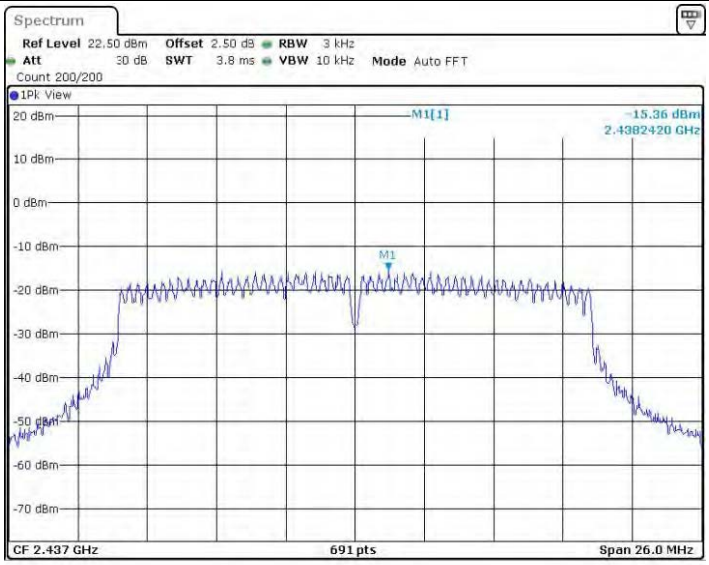
11B_Ant2_2462



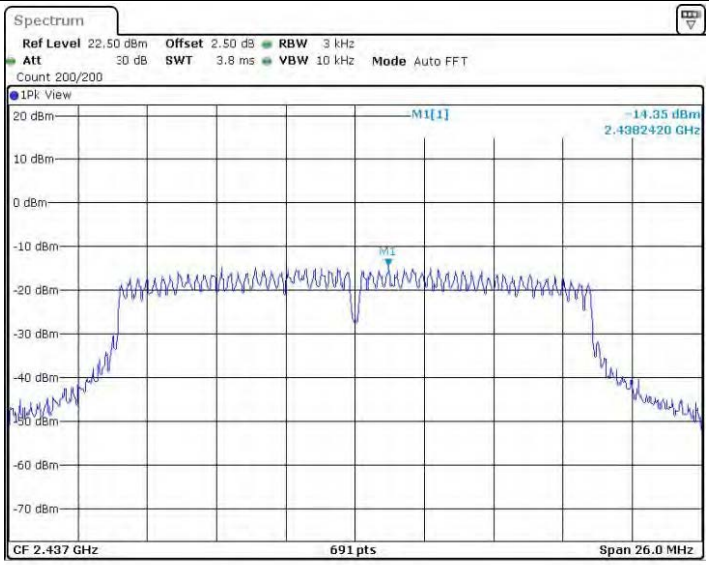
11N20MIMO_Ant1_2412



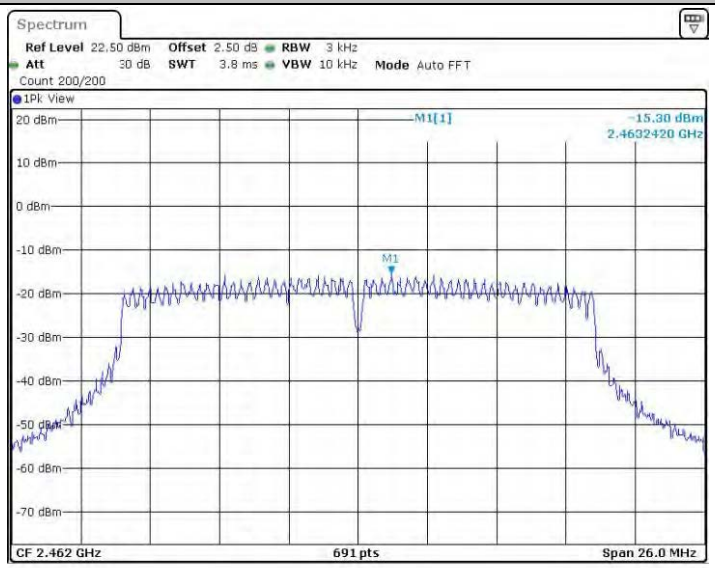
11N20MIMO_Ant2_2412



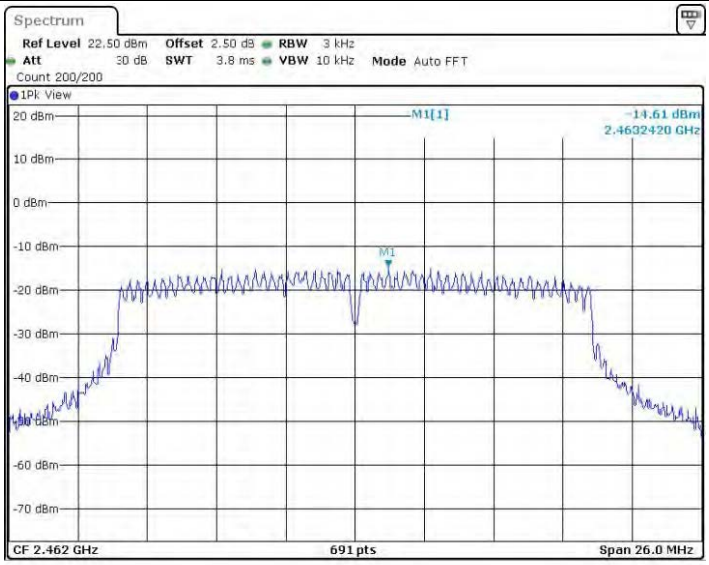
11N20MIMO_Ant1_2437



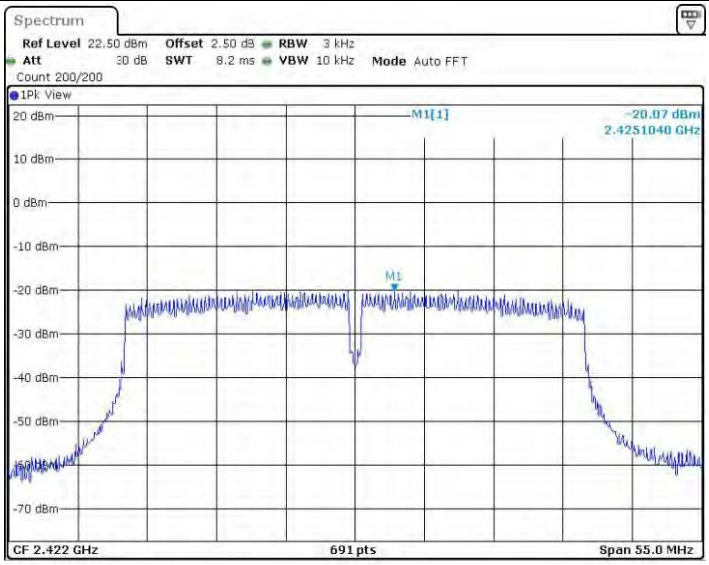
11N20MIMO_Ant2_2437



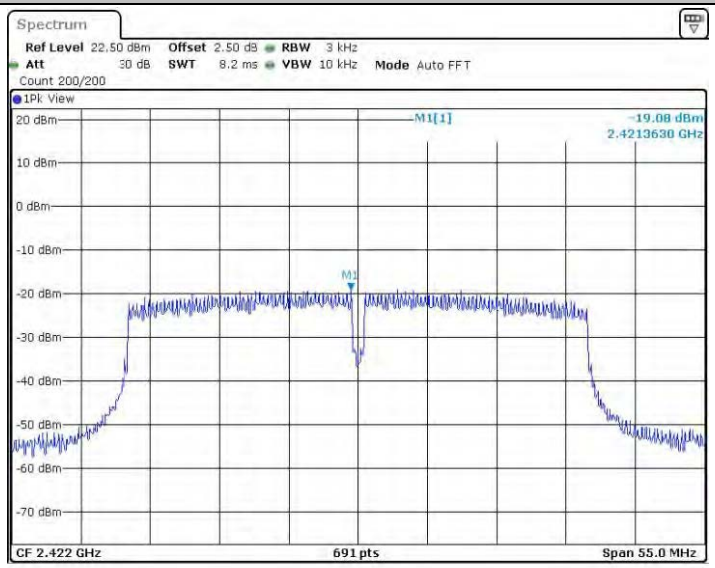
11N20MIMO_Ant1_2462



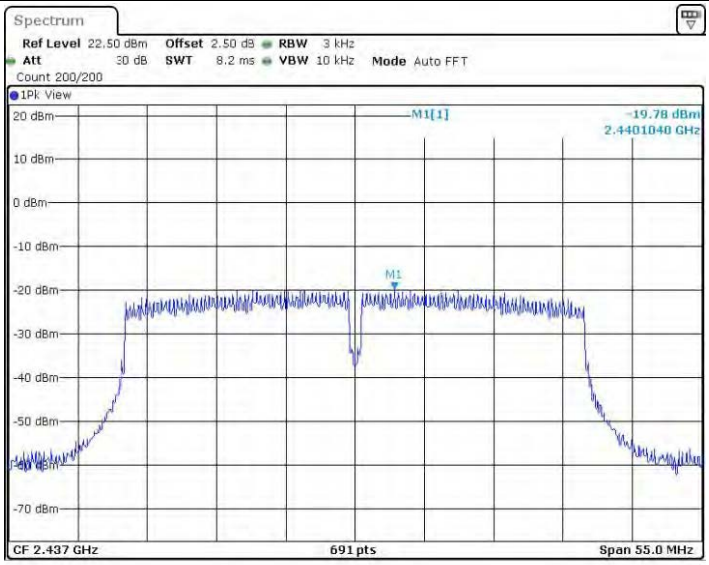
11N20MIMO_Ant2_2462



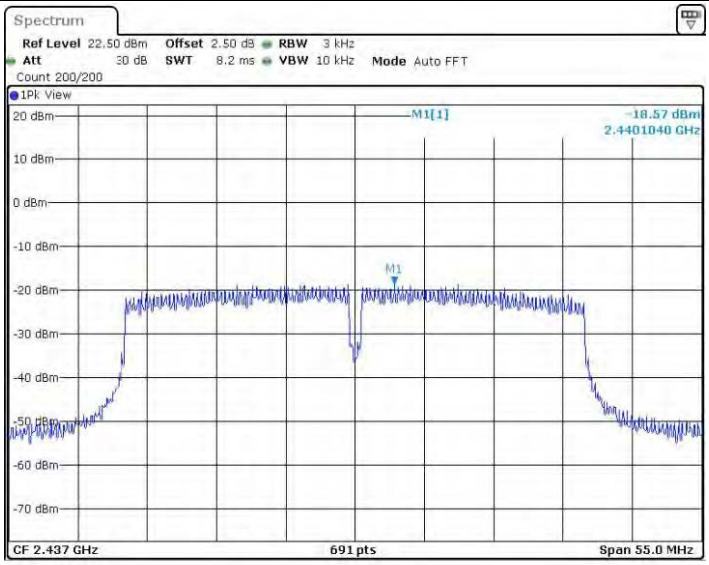
11N40MIMO_Ant1_2422



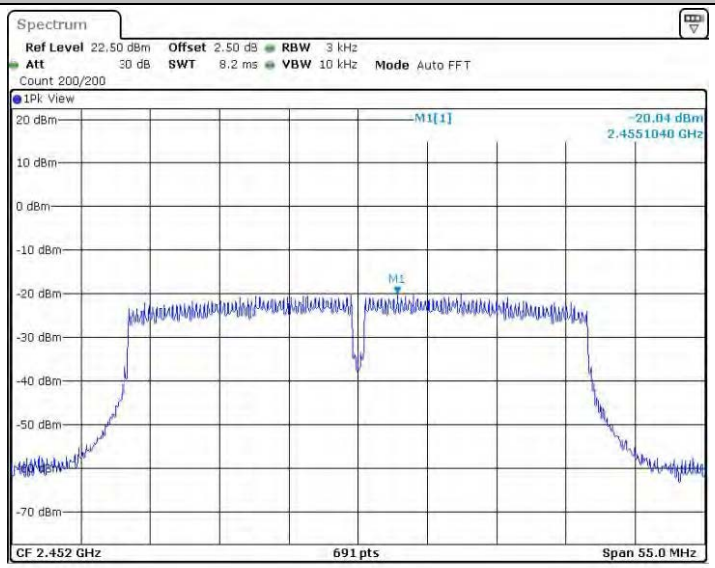
11N40MIMO_Ant2_2422



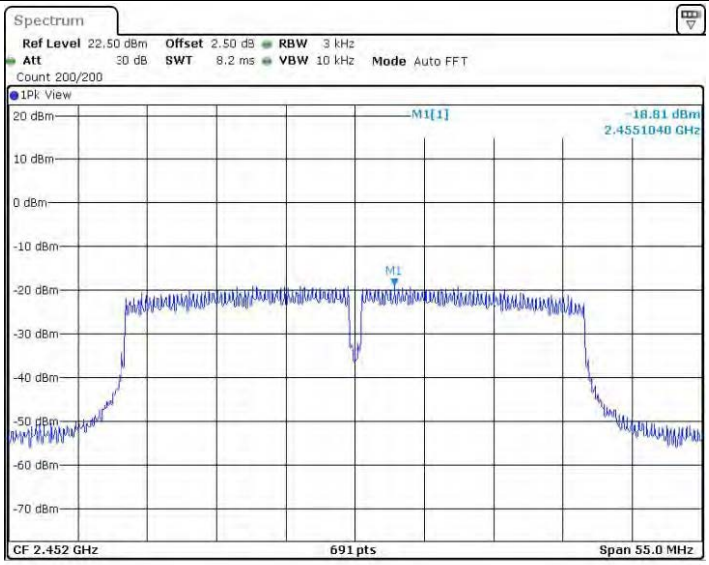
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



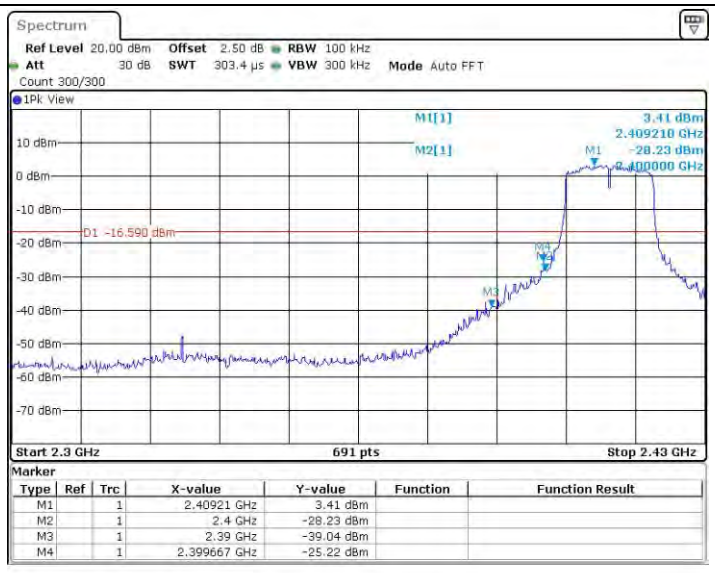
11N40MIMO_Ant2_2452

Appendix C: Out of Band Conducted Emissions

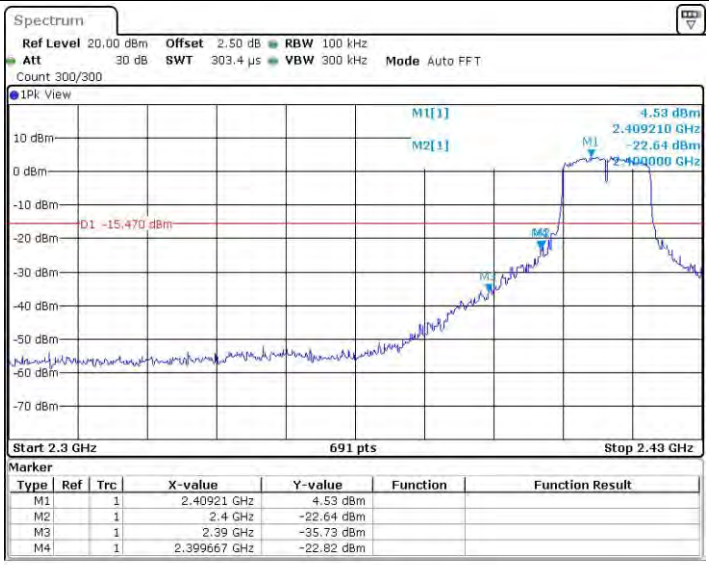
Test Result

TestMode	Antenna	ChName	Channel	Result	Limit	Verdict
11G	Ant1	Low	2412	-25.22	<=-16.59	PASS
	Ant2	Low	2412	-22.82	<=-15.47	PASS
	Ant1	High	2462	-39.05	<=-16.31	PASS
	Ant2	High	2462	-35.42	<=-15.45	PASS
11N20	Ant1	Low	2412	-27.86	<=-15.23	PASS
	Ant2	Low	2412	-22.84	<=-14.42	PASS
	Ant1	High	2462	-35.93	<=-15.01	PASS
	Ant2	High	2462	-31.14	<=-14.2	PASS
11N40	Ant1	Low	2422	-31.18	<=-19.01	PASS
	Ant2	Low	2422	-25.23	<=-18.08	PASS
	Ant1	High	2452	-33.25	<=-18.8	PASS
	Ant2	High	2452	-27.33	<=-17.75	PASS
11B	Ant1	Low	2412	-38.95	<=-12.19	PASS
	Ant2	Low	2412	-39.97	<=-10.92	PASS
	Ant1	High	2462	-49.77	<=-11.78	PASS
	Ant2	High	2462	-46.76	<=-10.95	PASS

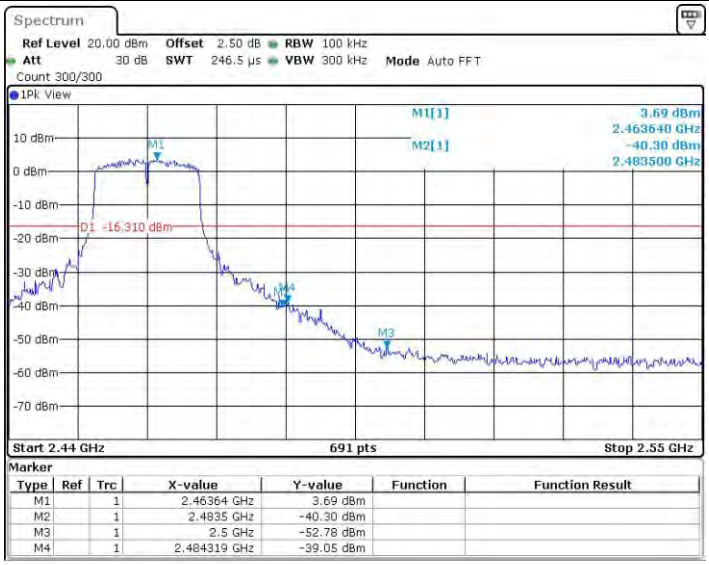
Test Graphs



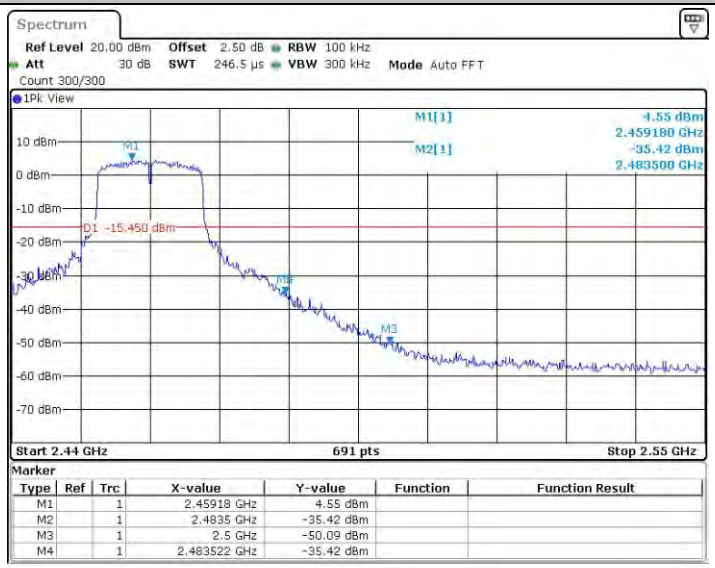
11G_Ant1_Low_2412



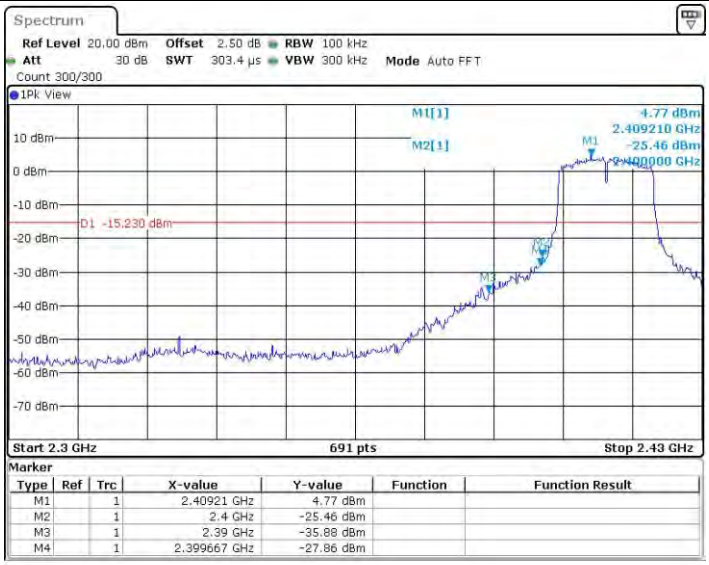
11G_Ant2_Low_2412



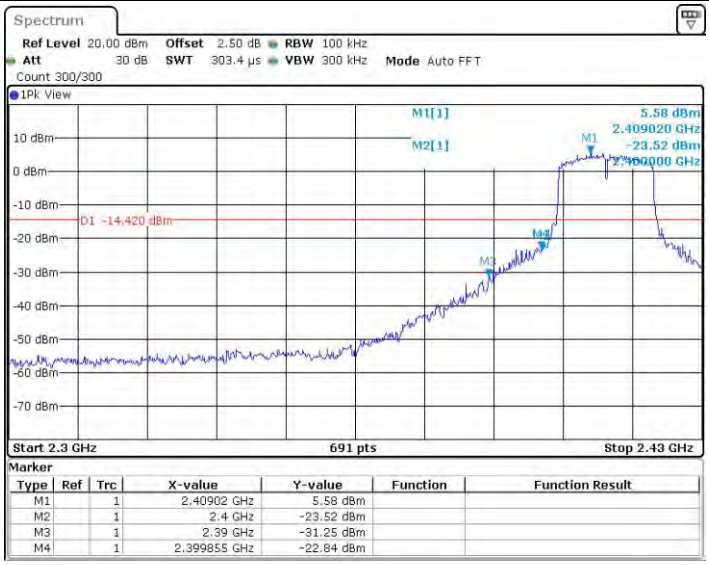
11G_Ant1_High_2462



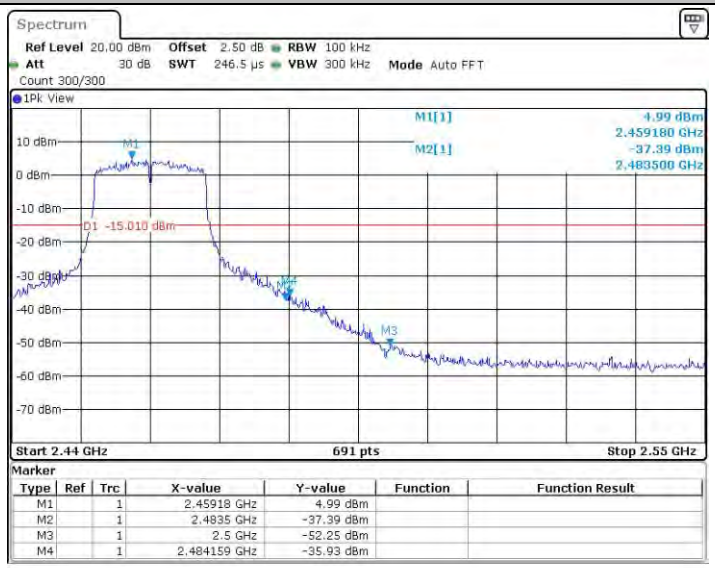
11G_Ant2_High_2462



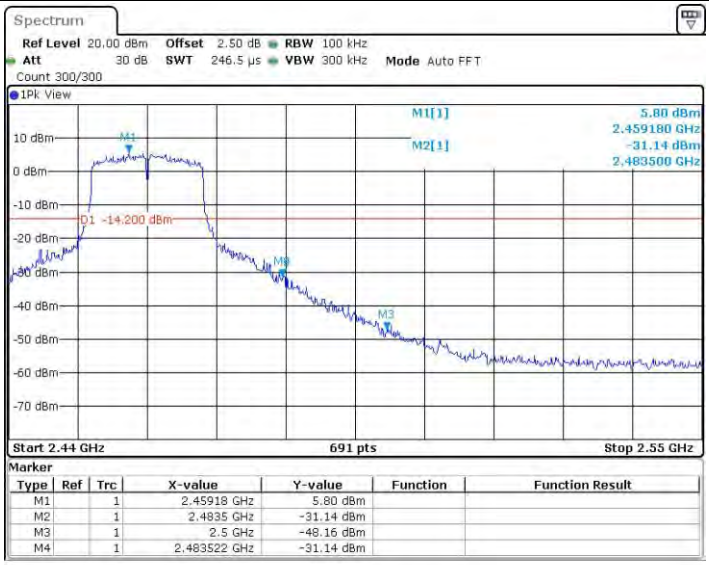
11N20_Ant1_Low_2412



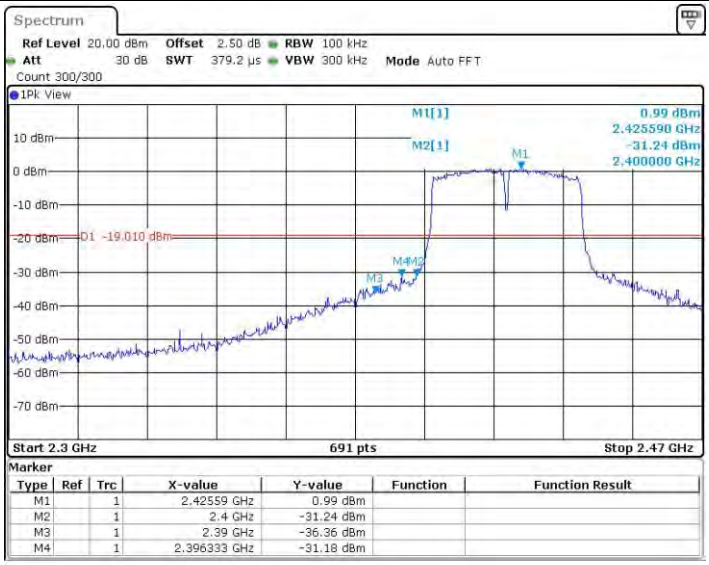
11N20_Ant2_Low_2412



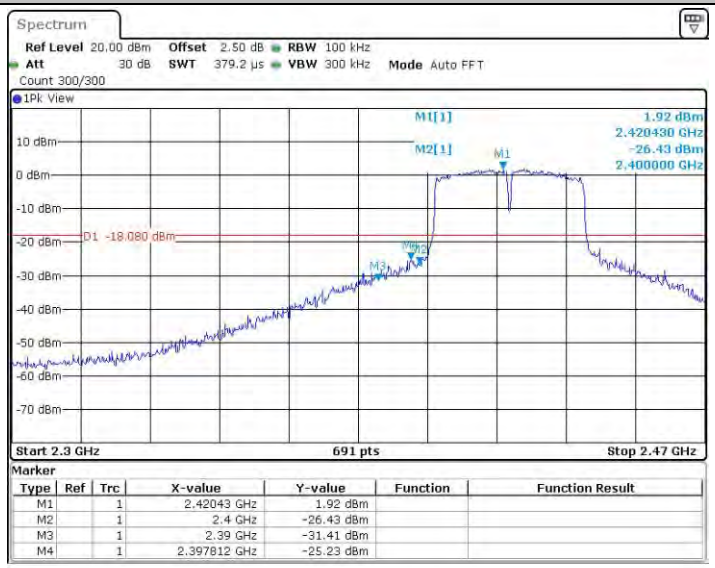
11N20_Ant1_High_2462



11N20_Ant2_High_2462



11N40_Ant1_Low_2422



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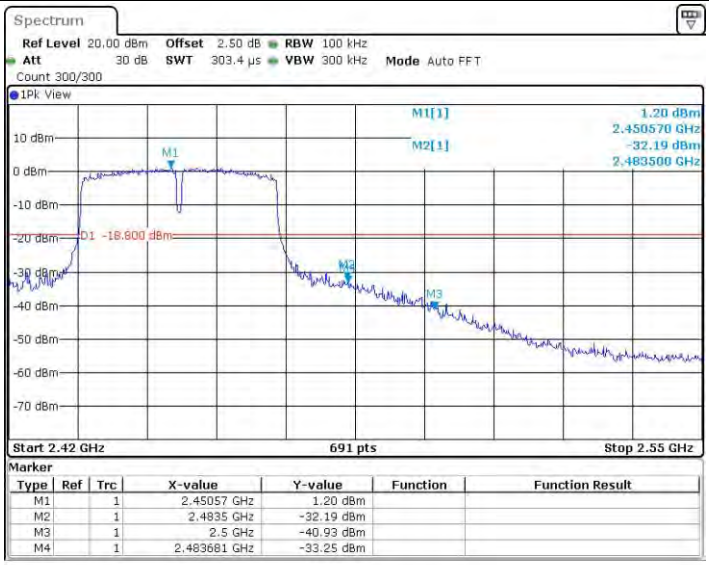
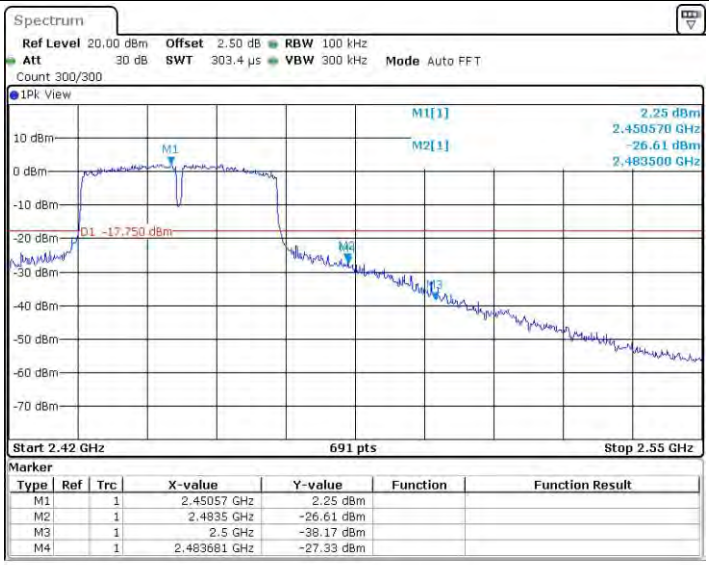
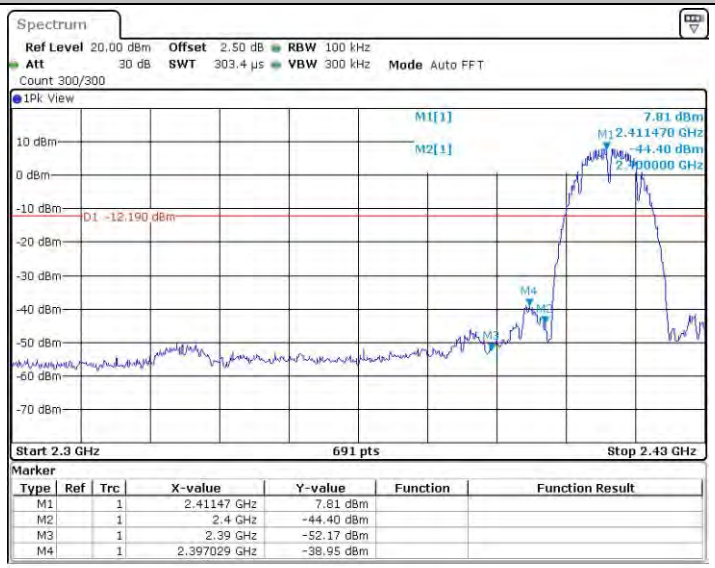


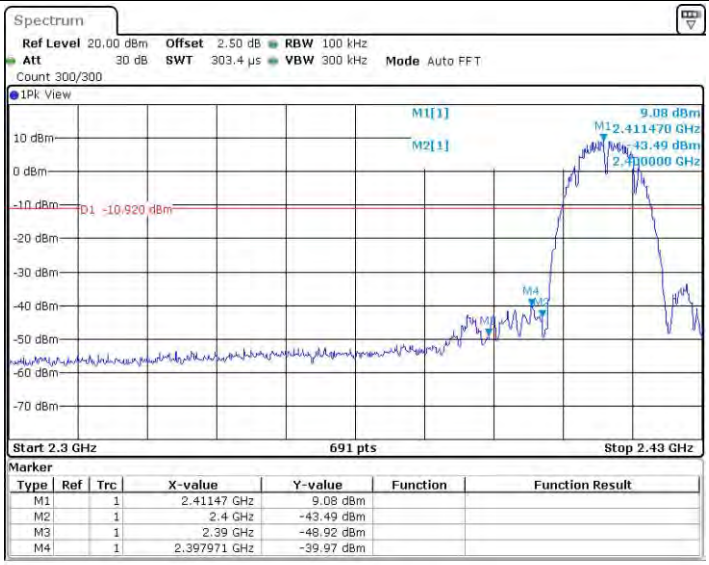
11N40_Ant1_High_2452



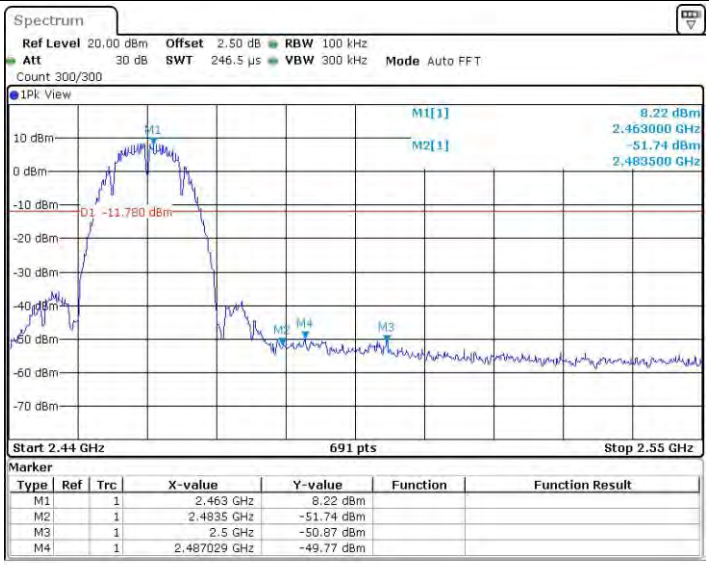
11N40_Ant2_High_2452



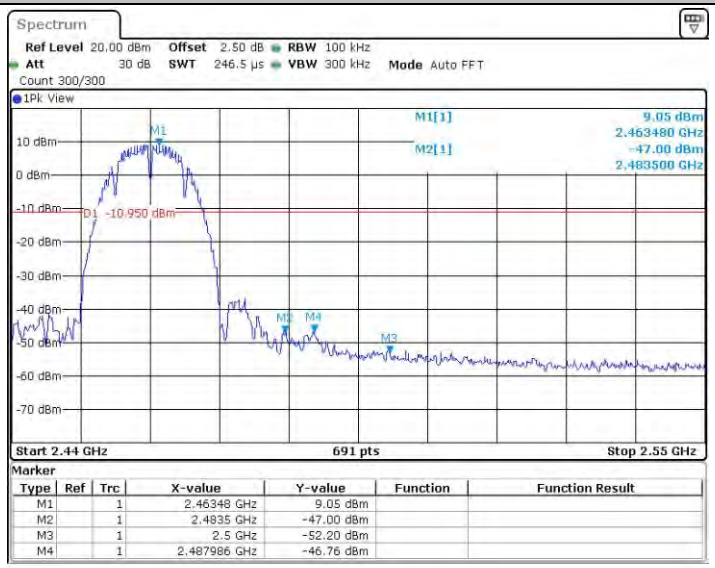
11B_Ant1_Low_2412



11B_Ant2_Low_2412



11B_Ant1_High_2462



11B_Ant2_High_2462

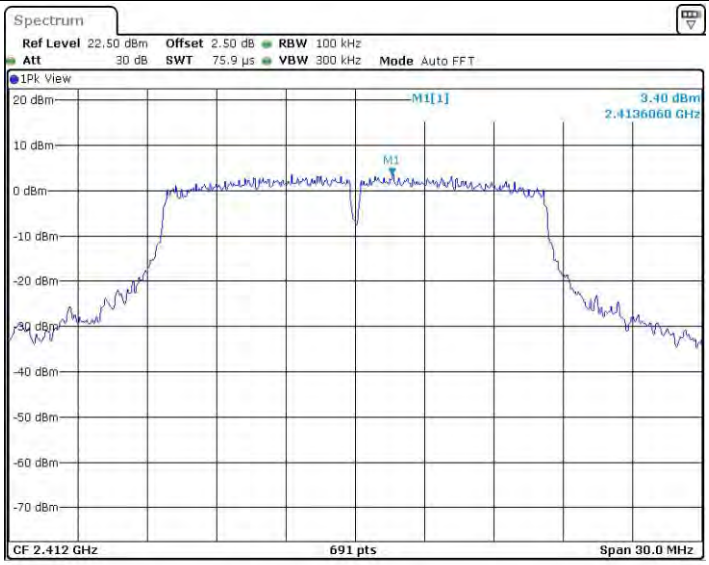
Appendix D: Out of Band Conducted Emissions

Test Result

TestMode	Antenna	Channel	FreqRange	Max. Fre	Max. Level	Limit	Verdict
11G	Ant1	2412	Reference	3.40	3.40	---	PASS
			1~2400	3.40	-28.83	<=-16.6	PASS
			2483.5~25000	3.40	-49.08	<=-16.6	PASS
	Ant2	2412	Reference	4.60	4.60	---	PASS
			1~2400	4.60	-24.52	<=-15.4	PASS
			2483.5~25000	4.60	-52.49	<=-15.4	PASS
	Ant1	2437	Reference	3.68	3.68	---	PASS
			1~2400	3.68	-48.77	<=-16.32	PASS
			2483.5~25000	3.68	-50.66	<=-16.32	PASS
	Ant2	2437	Reference	5.10	5.10	---	PASS
			1~2400	5.10	-48.42	<=-14.9	PASS
			2483.5~25000	5.10	-52.16	<=-14.9	PASS
	Ant1	2462	Reference	3.79	3.79	---	PASS
			1~2400	3.79	-51.27	<=-16.21	PASS
			2483.5~25000	3.79	-42.56	<=-16.21	PASS
	Ant2	2462	Reference	4.69	4.69	---	PASS
			1~2400	4.69	-50.12	<=-15.31	PASS
			2483.5~25000	4.69	-35.68	<=-15.31	PASS
11N20	Ant1	2412	Reference	4.88	4.88	---	PASS
			1~2400	4.88	-28.81	<=-15.12	PASS
			2483.5~25000	4.88	-48.63	<=-15.12	PASS
	Ant2	2412	Reference	5.49	5.49	---	PASS
			1~2400	5.49	-22.93	<=-14.51	PASS
			2483.5~25000	5.49	-51.13	<=-14.51	PASS
	Ant1	2437	Reference	4.88	4.88	---	PASS
			1~2400	4.88	-48.56	<=-15.12	PASS
			2483.5~25000	4.88	-51.43	<=-15.12	PASS
	Ant2	2437	Reference	6.05	6.05	---	PASS
			1~2400	6.05	-45.31	<=-13.95	PASS
			2483.5~25000	6.05	-52.03	<=-13.95	PASS
	Ant1	2462	Reference	4.78	4.78	---	PASS
			1~2400	4.78	-48.92	<=-15.22	PASS
			2483.5~25000	4.78	-39.21	<=-15.22	PASS
	Ant2	2462	Reference	5.66	5.66	---	PASS
			1~2400	5.66	-48.74	<=-14.34	PASS
			2483.5~25000	5.66	-33.99	<=-14.34	PASS
11N40	Ant1	2422	Reference	0.93	0.93	---	PASS
			1~2400	0.93	-31.66	<=-19.07	PASS
			2483.5~25000	0.93	-47.55	<=-19.07	PASS
	Ant2	2422	Reference	1.77	1.77	---	PASS

TestMode	Antenna	Channel	FreqRange	Max. Fre	Max. Level	Limit	Verdict
			1~2400	1.77	-25.4	<=-18.23	PASS
			2483.5~25000	1.77	-44.15	<=-18.23	PASS
	Ant1	2437	Reference	1.27	1.27	---	PASS
			1~2400	1.27	-35.01	<=-18.73	PASS
			2483.5~25000	1.27	-39.33	<=-18.73	PASS
	Ant2	2437	Reference	2.50	2.50	---	PASS
			1~2400	2.50	-28.72	<=-17.5	PASS
			2483.5~25000	2.50	-37.17	<=-17.5	PASS
	Ant1	2452	Reference	1.16	1.16	---	PASS
			1~2400	1.16	-43.76	<=-18.84	PASS
			2483.5~25000	1.16	-34.55	<=-18.84	PASS
	Ant2	2452	Reference	2.18	2.18	---	PASS
			1~2400	2.18	-36.38	<=-17.82	PASS
			2483.5~25000	2.18	-29.14	<=-17.82	PASS
11B	Ant1	2412	Reference	7.81	7.81	---	PASS
			1~2400	7.81	-39	<=-12.19	PASS
			2483.5~25000	7.81	-46.72	<=-12.19	PASS
	Ant2	2412	Reference	9.11	9.11	---	PASS
			1~2400	9.11	-40.04	<=-10.89	PASS
			2483.5~25000	9.11	-47.21	<=-10.89	PASS
	Ant1	2437	Reference	8.07	8.07	---	PASS
			1~2400	8.07	-48.8	<=-11.93	PASS
			2483.5~25000	8.07	-40.79	<=-11.93	PASS
	Ant2	2437	Reference	9.48	9.48	---	PASS
			1~2400	9.48	-48.55	<=-10.52	PASS
			2483.5~25000	9.48	-49.33	<=-10.52	PASS
	Ant1	2462	Reference	8.22	8.22	---	PASS
			1~2400	8.22	-50.42	<=-11.78	PASS
			2483.5~25000	8.22	-41.28	<=-11.78	PASS
	Ant2	2462	Reference	9.11	9.11	---	PASS
			1~2400	9.11	-49.52	<=-10.89	PASS
			2483.5~25000	9.11	-48.44	<=-10.89	PASS

Test Graphs



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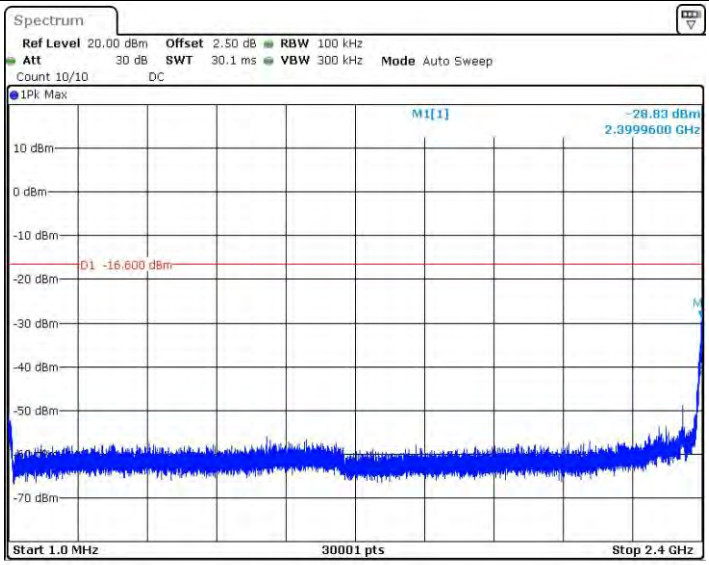

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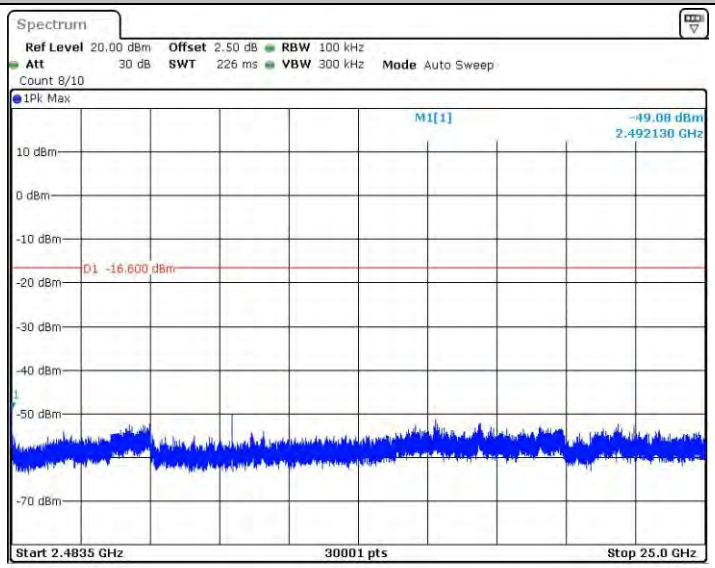

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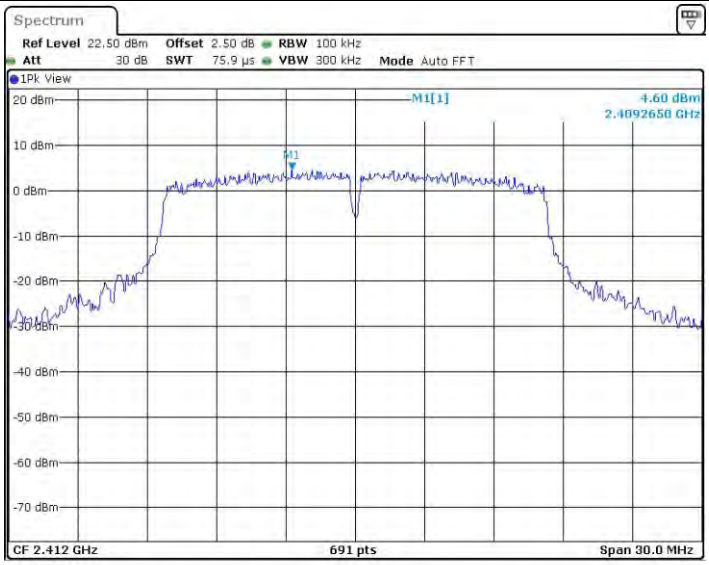

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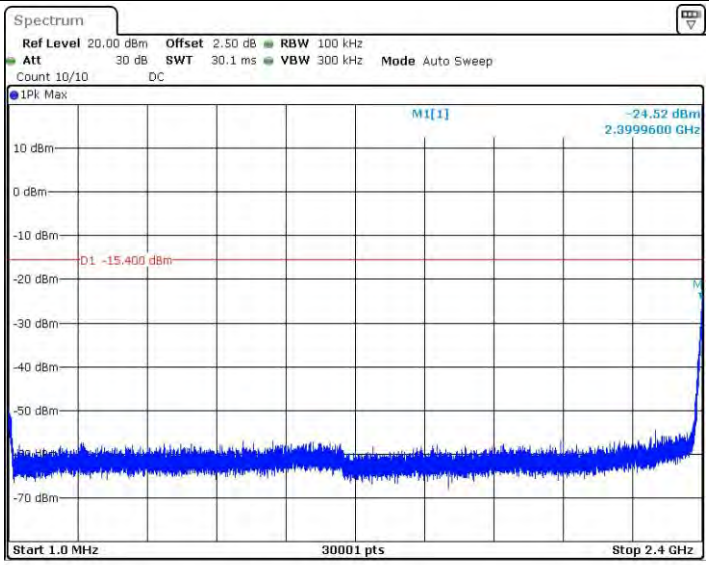

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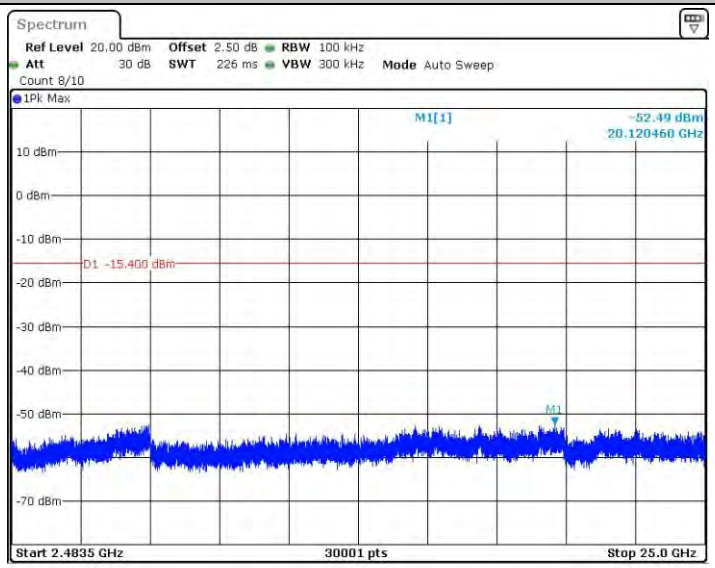

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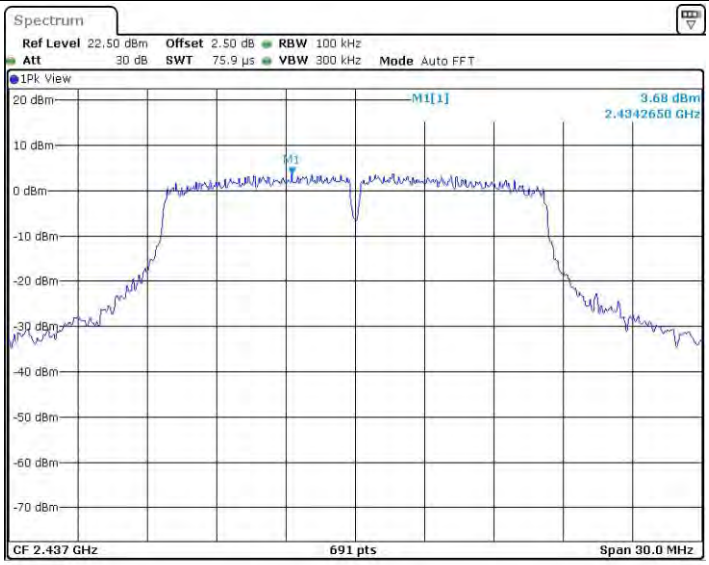

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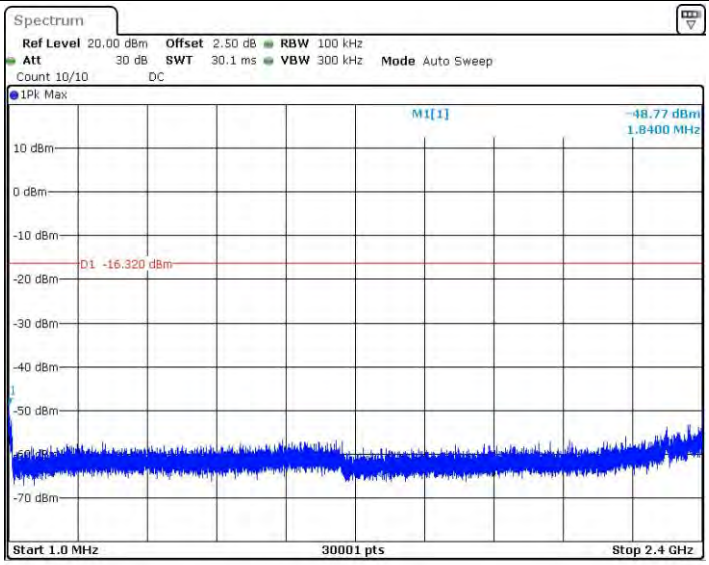

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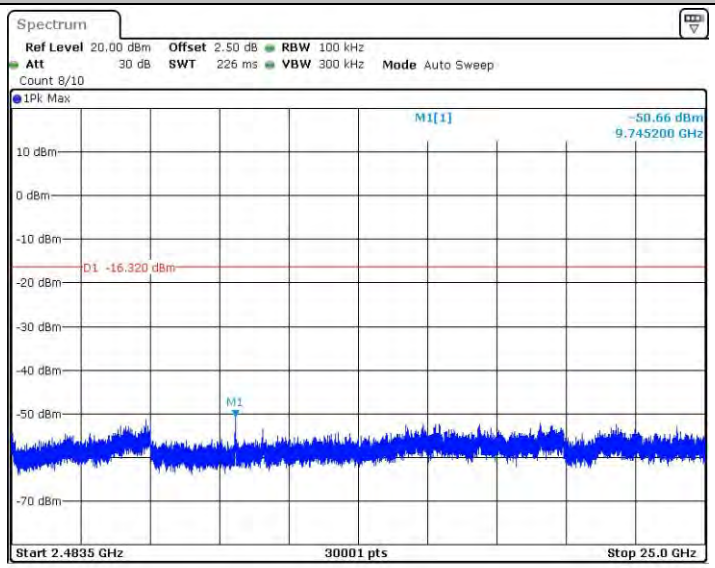

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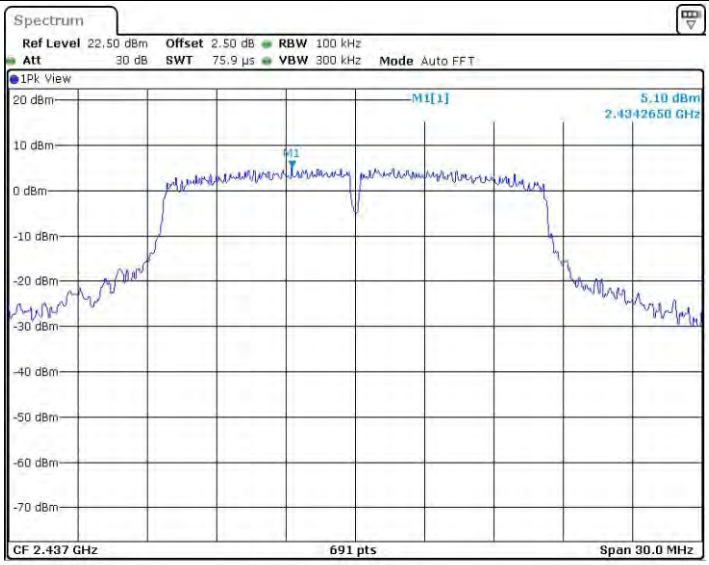

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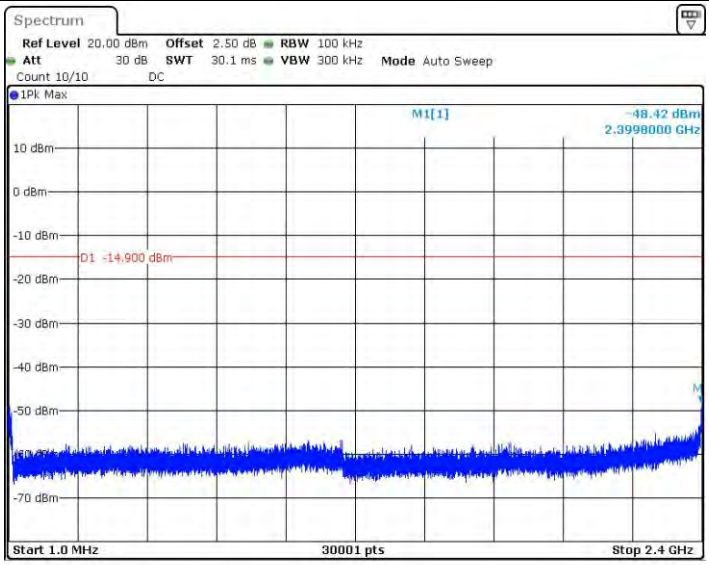

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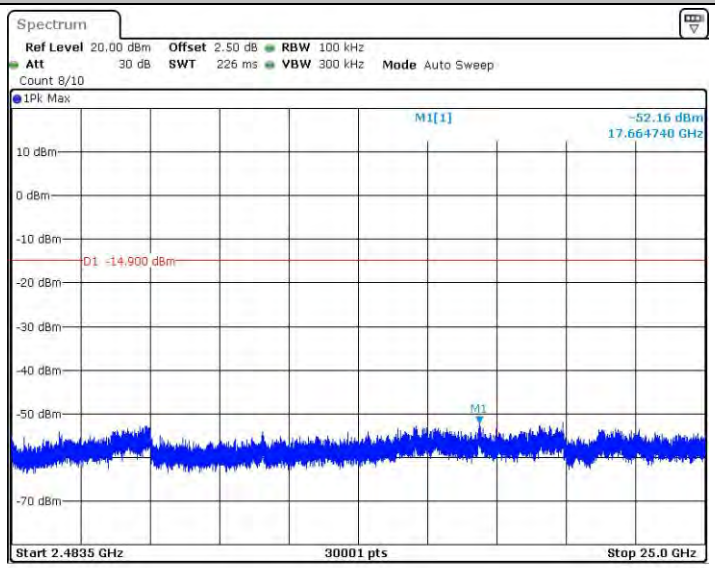

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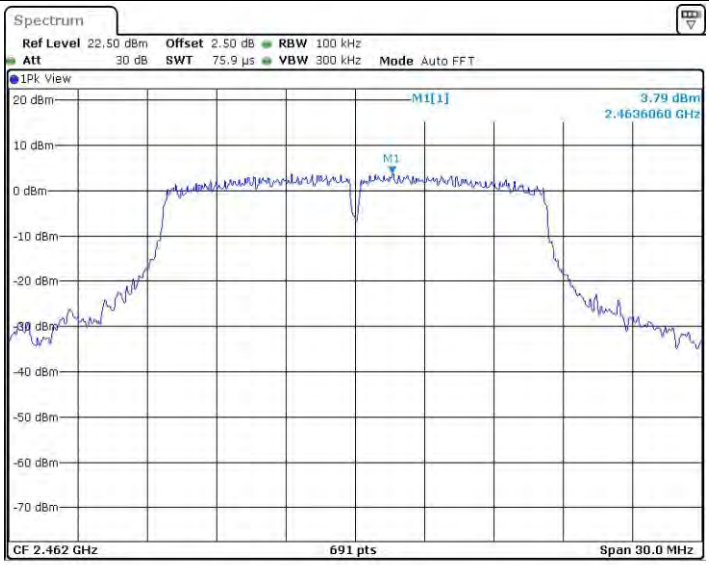

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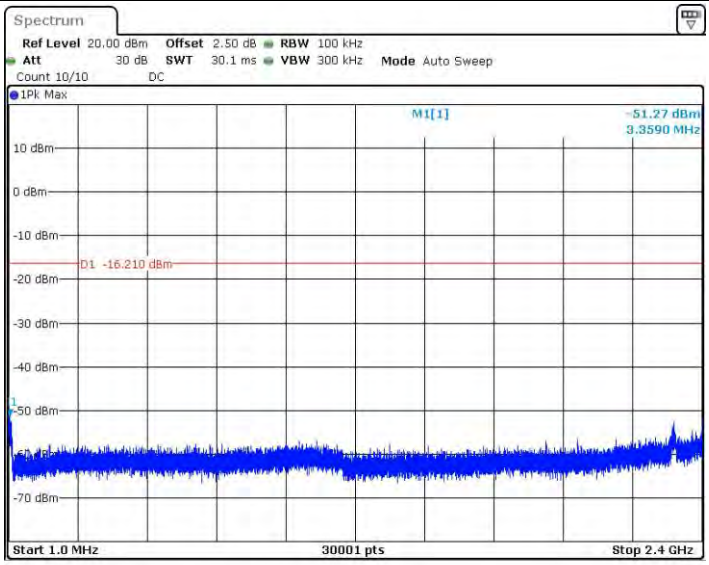

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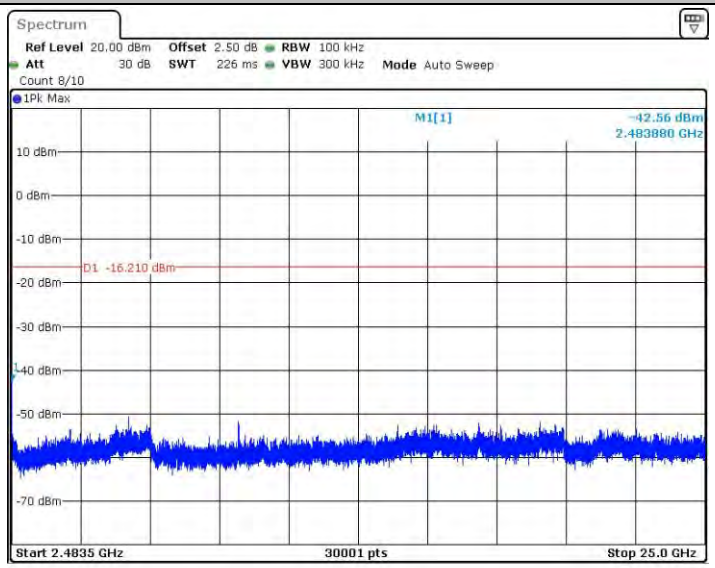

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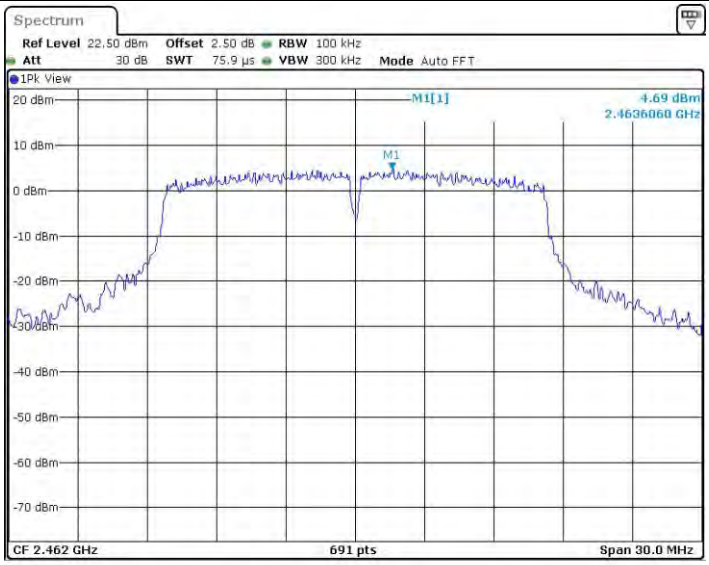

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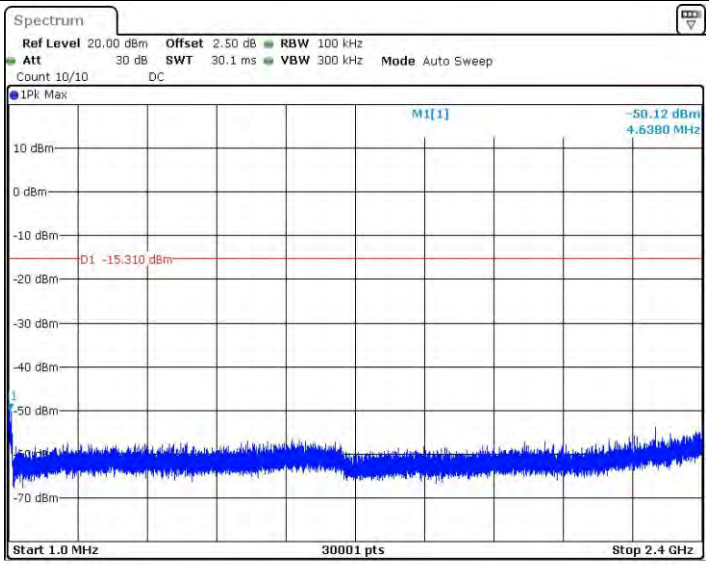

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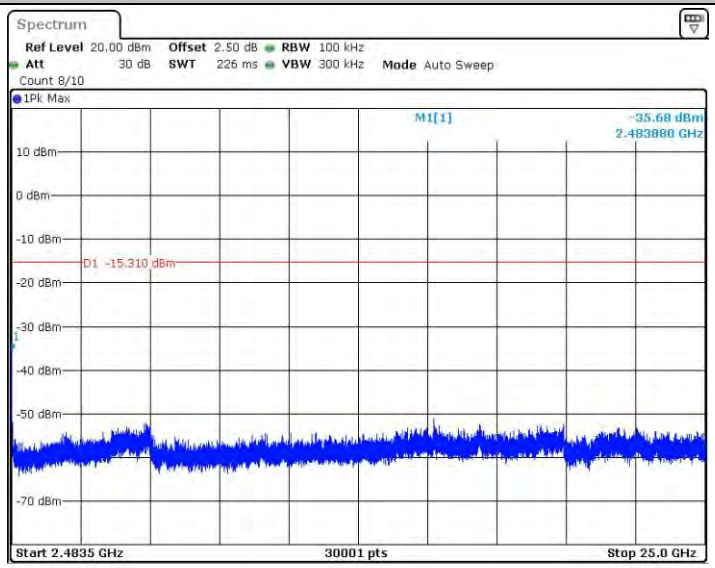

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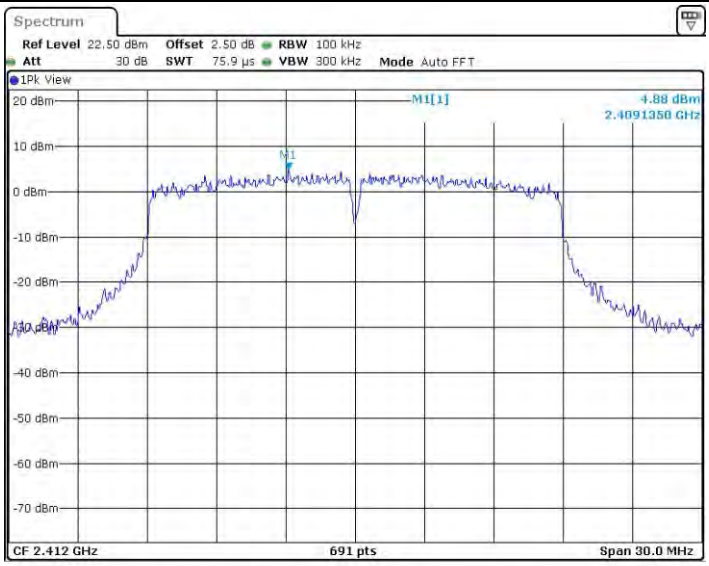

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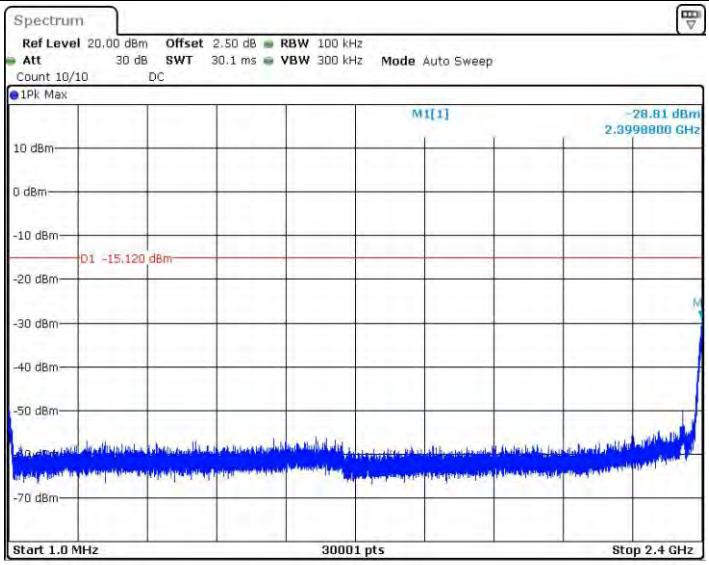

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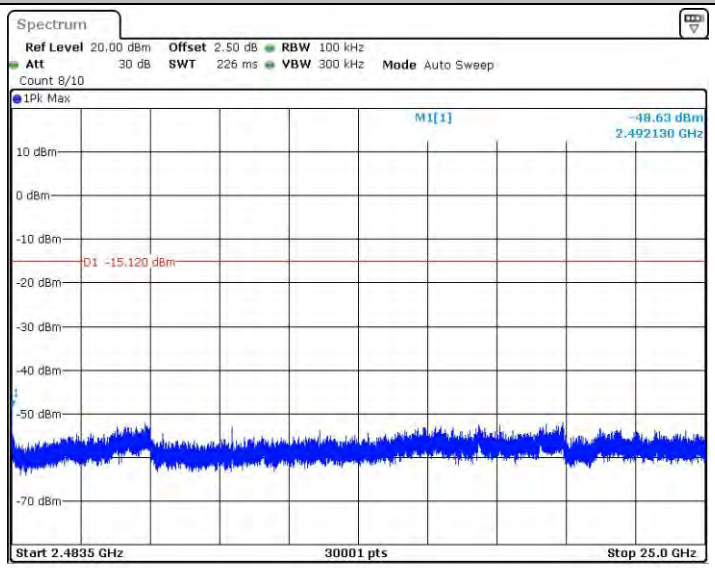

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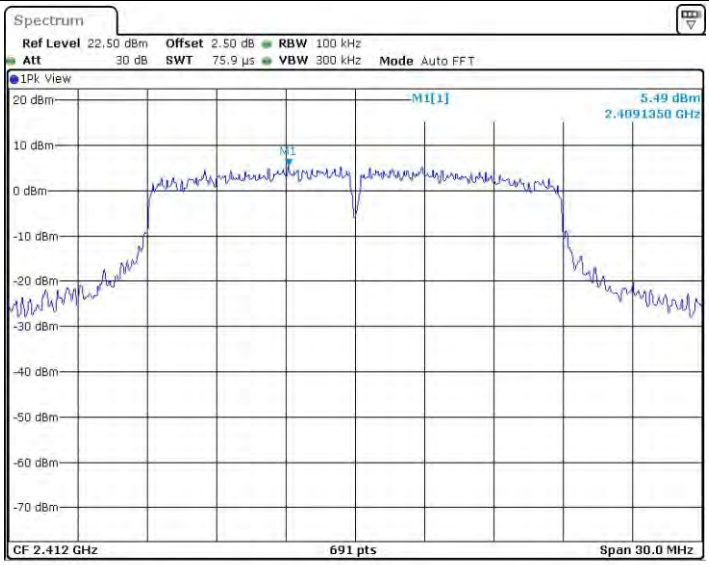

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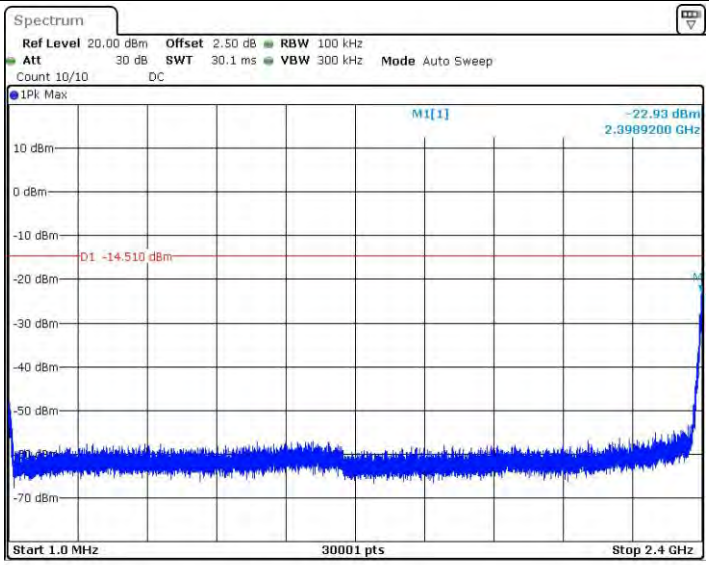

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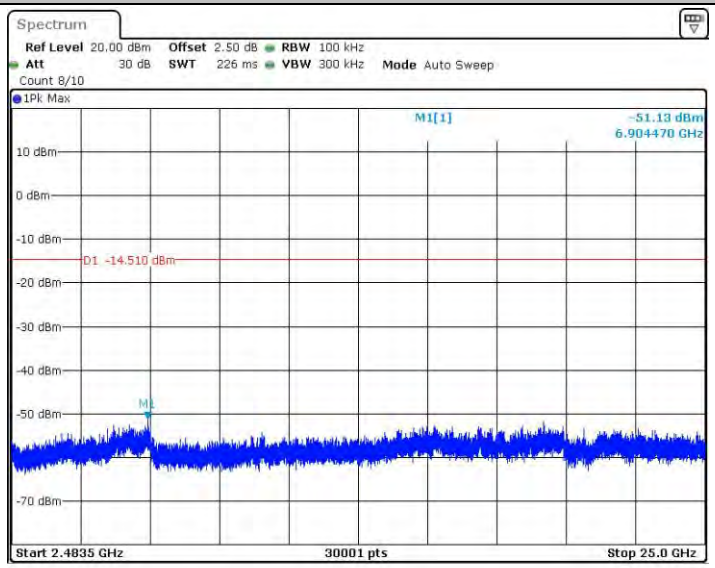

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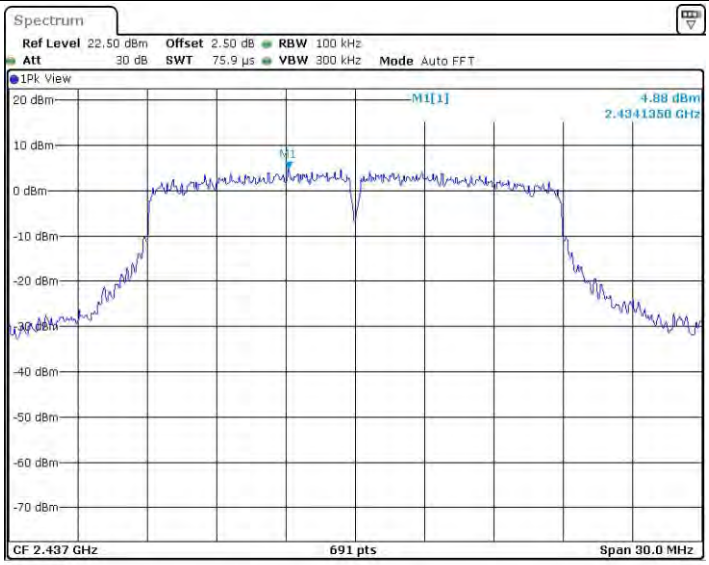

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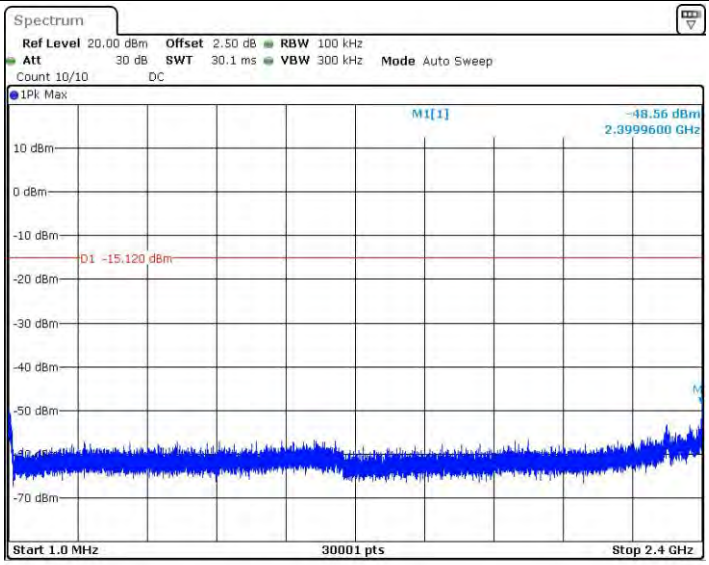

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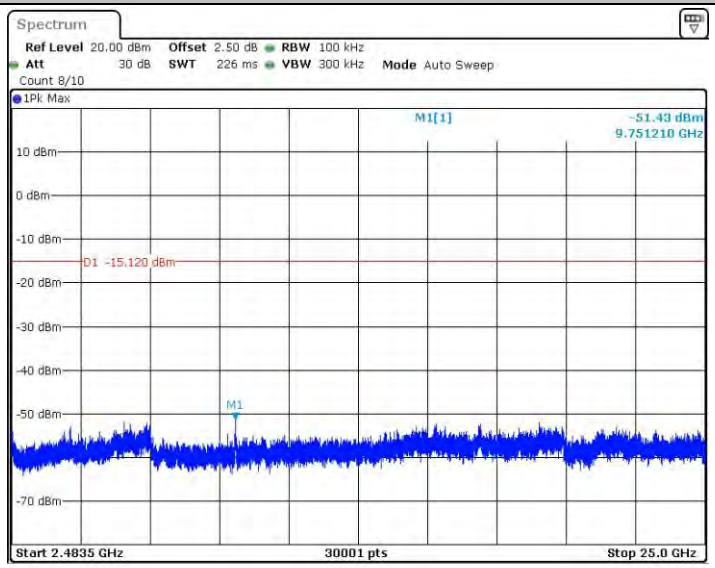

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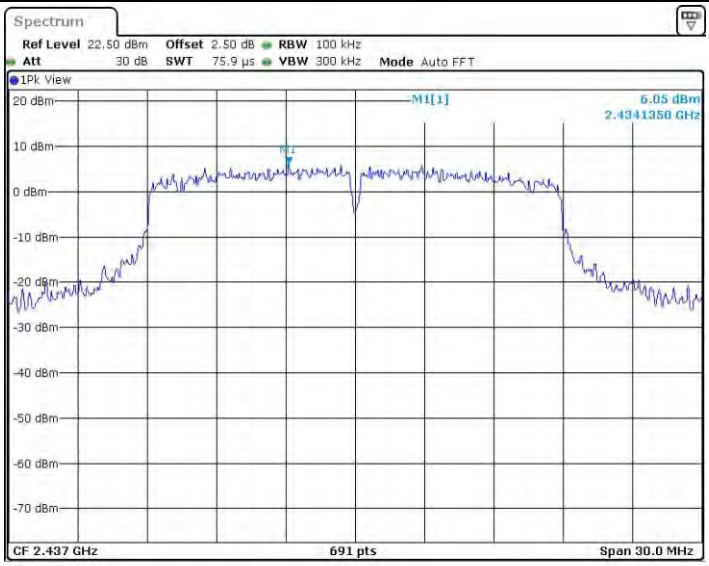

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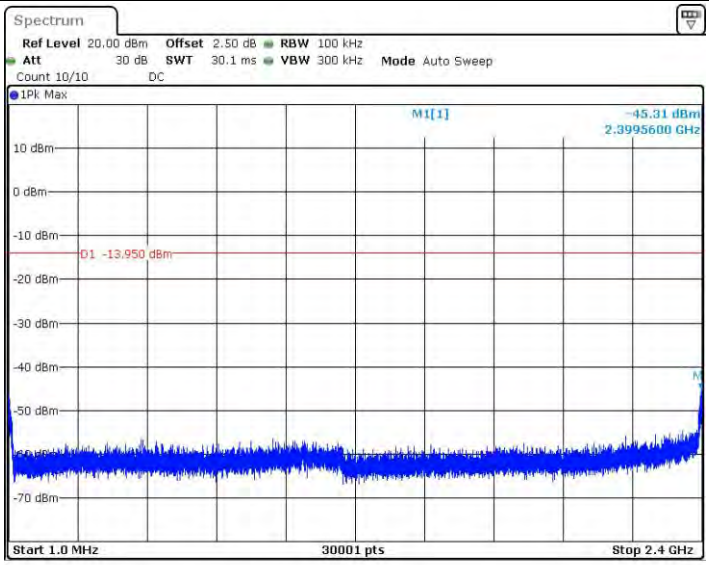

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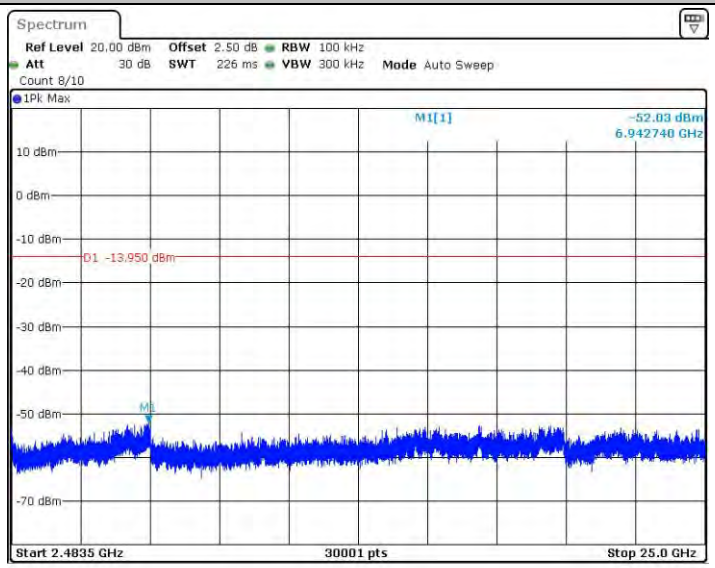

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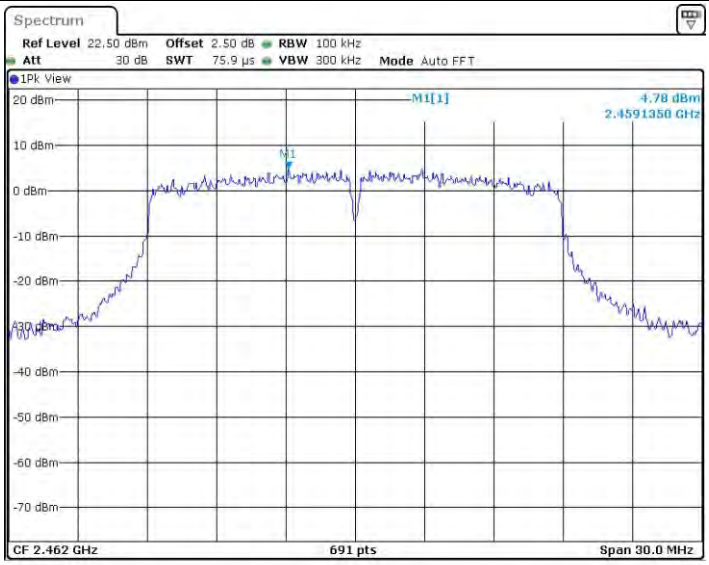

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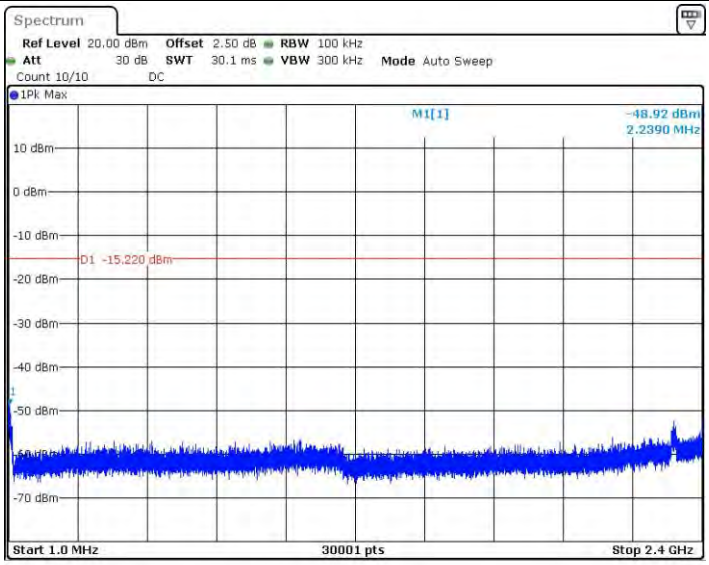

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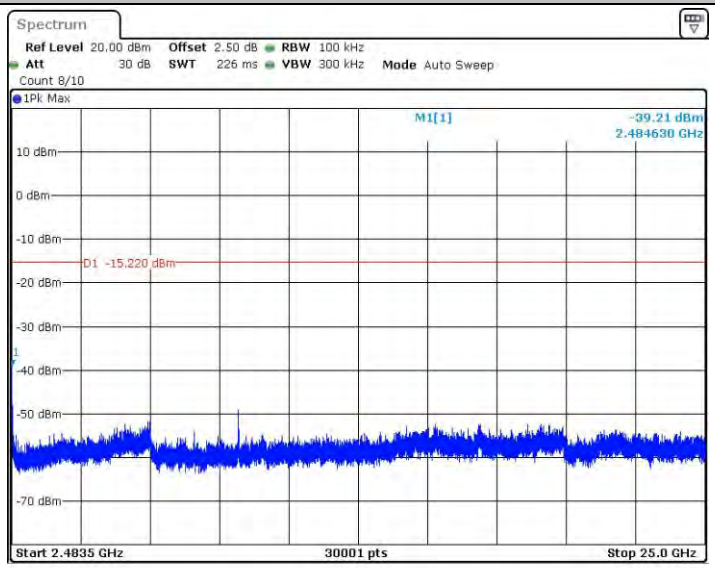

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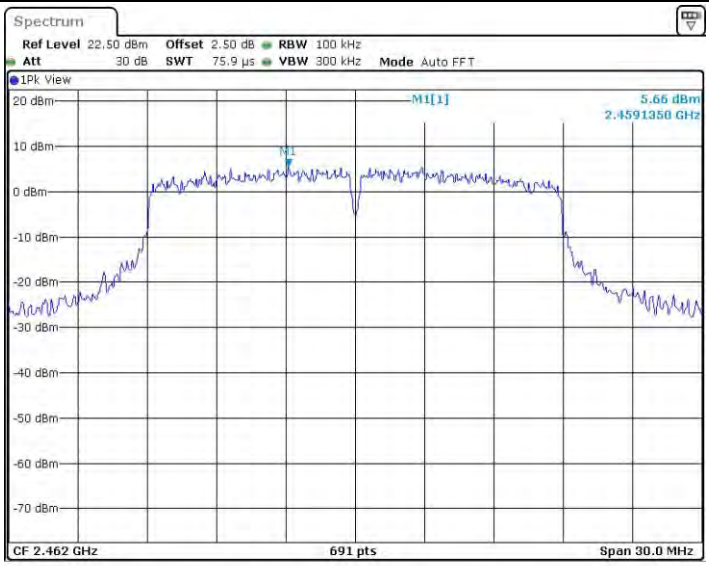

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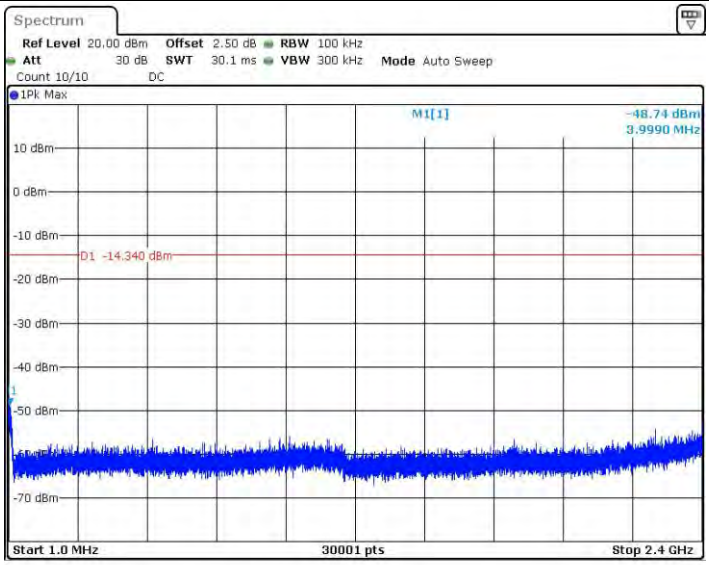

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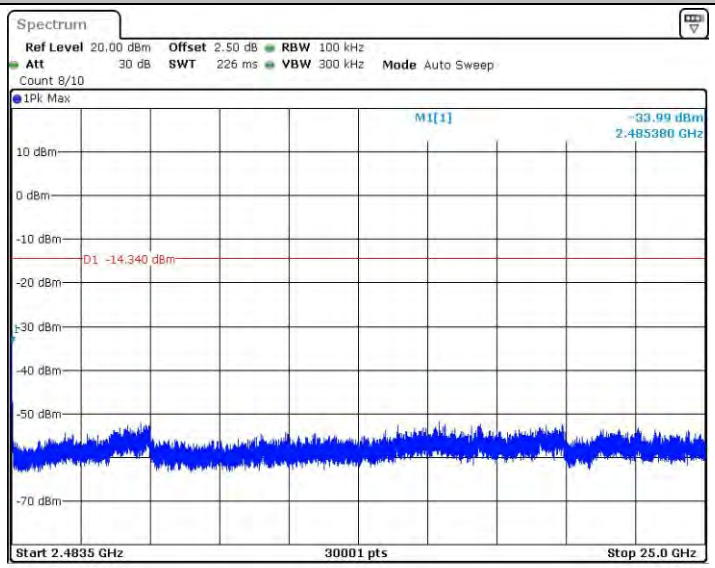

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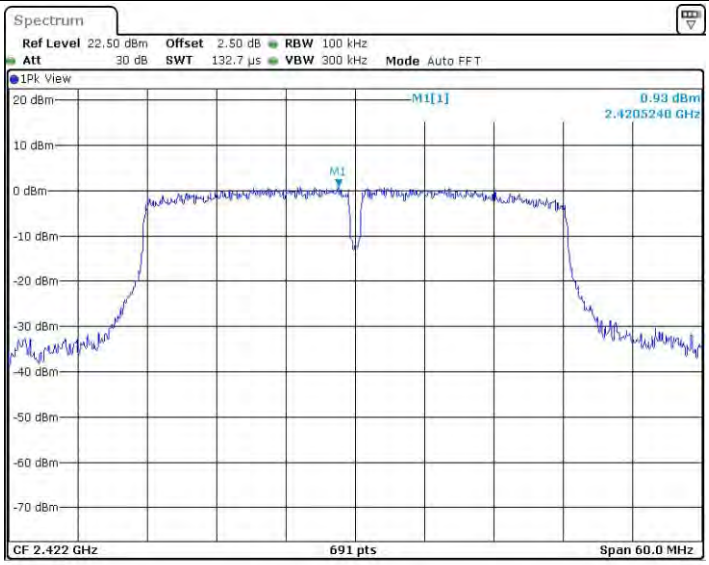

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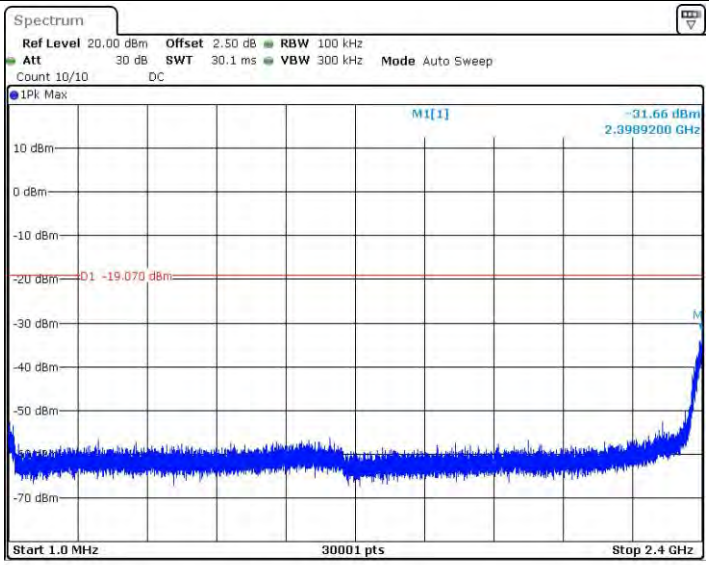

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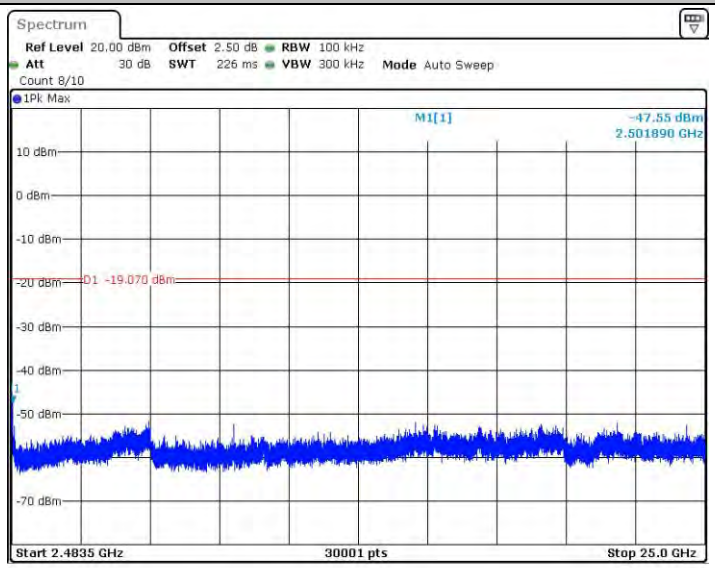

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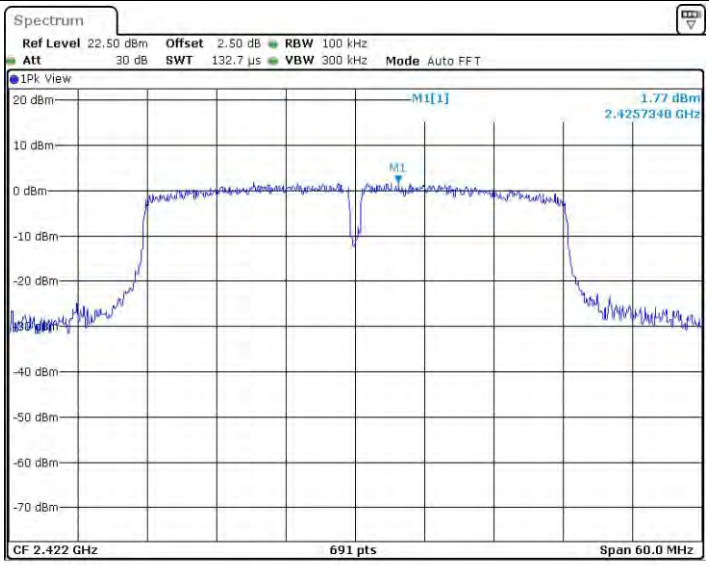

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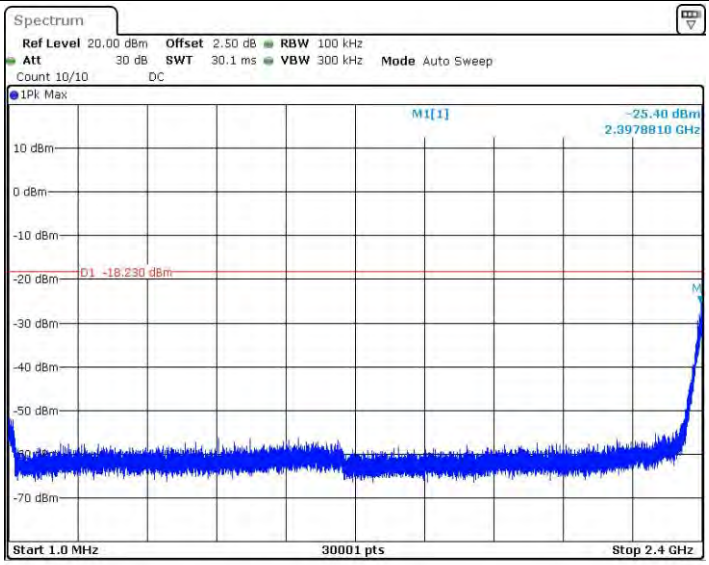

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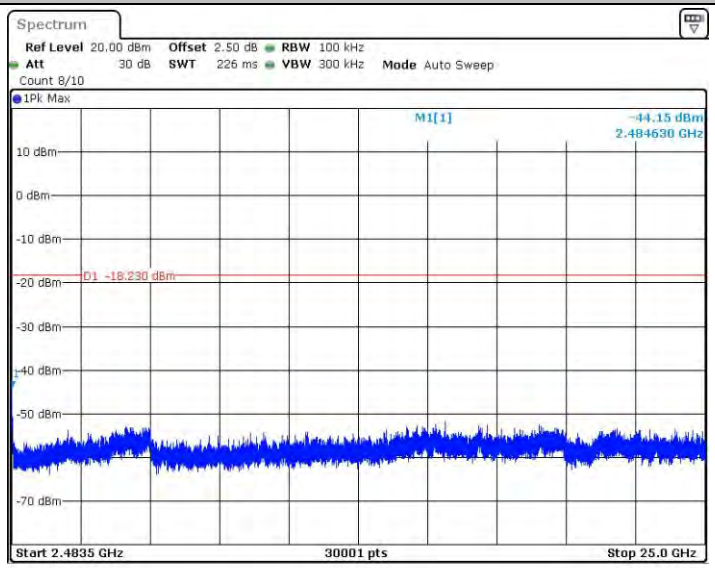

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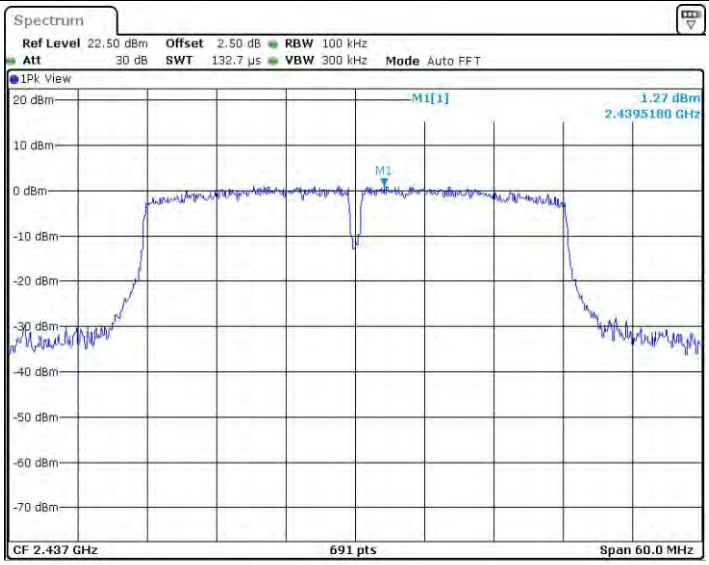

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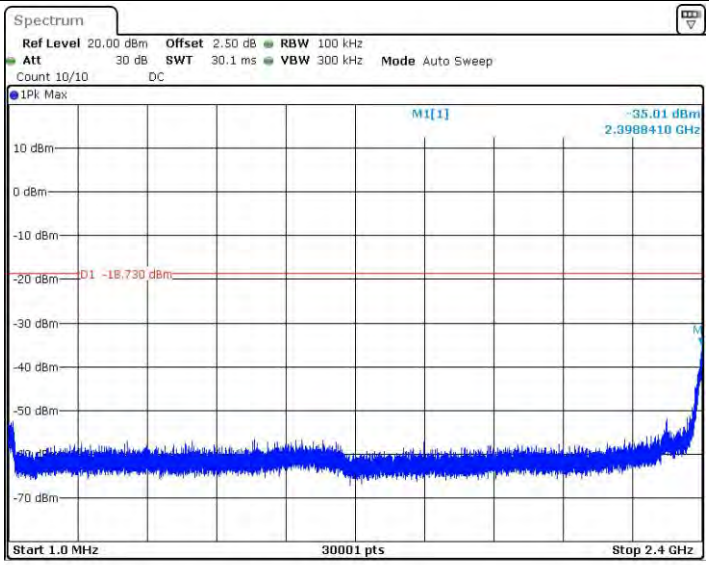

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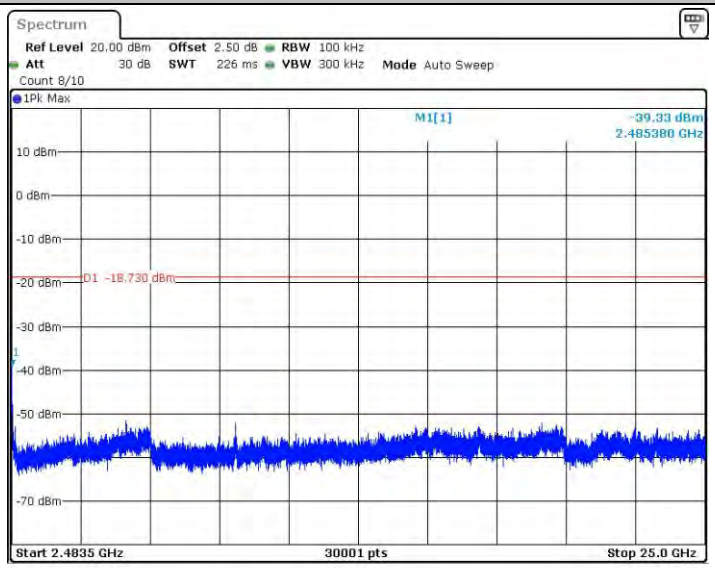

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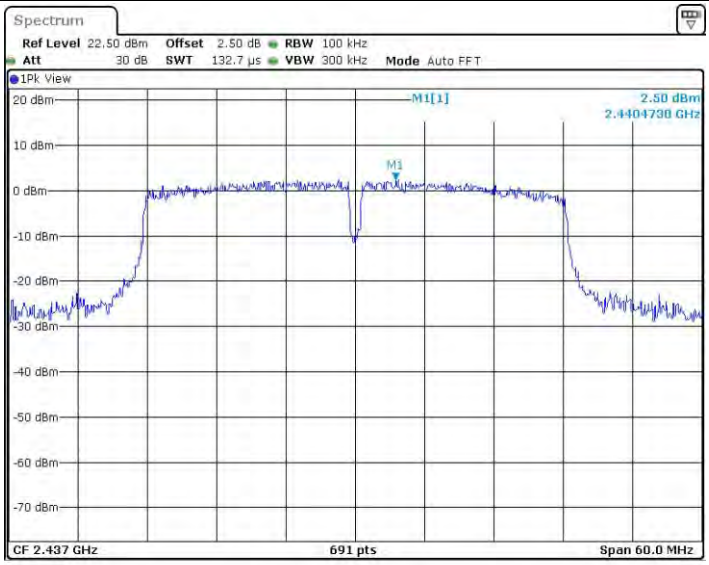

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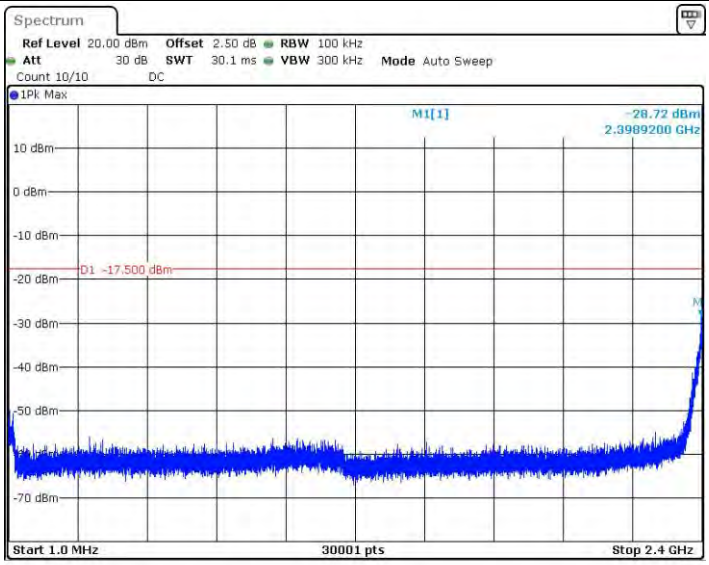

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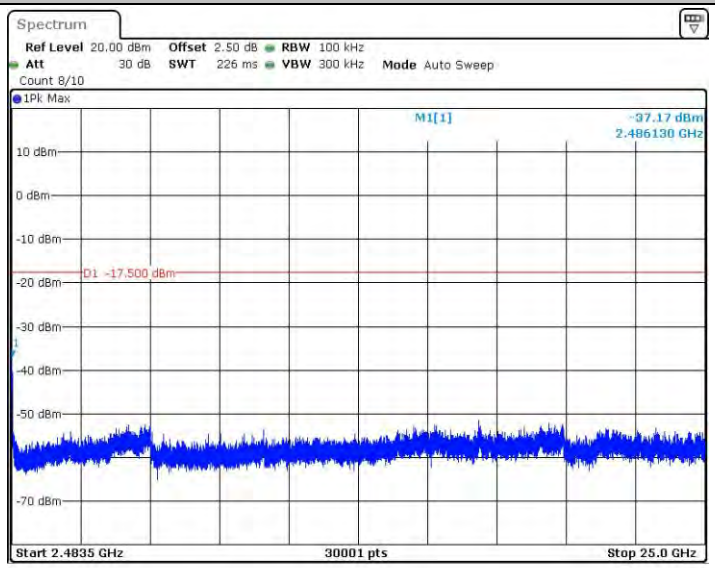

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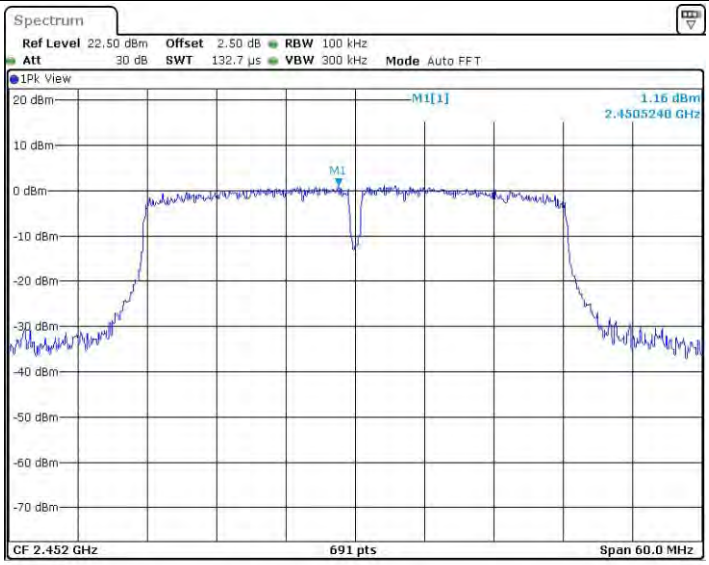

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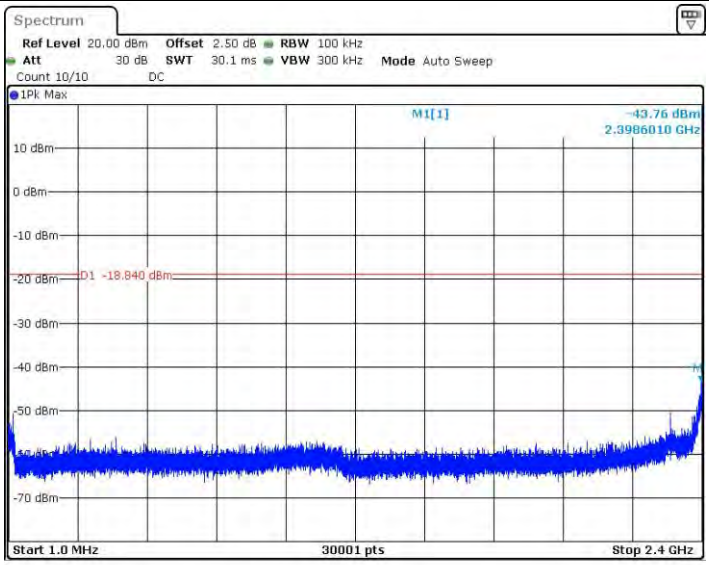

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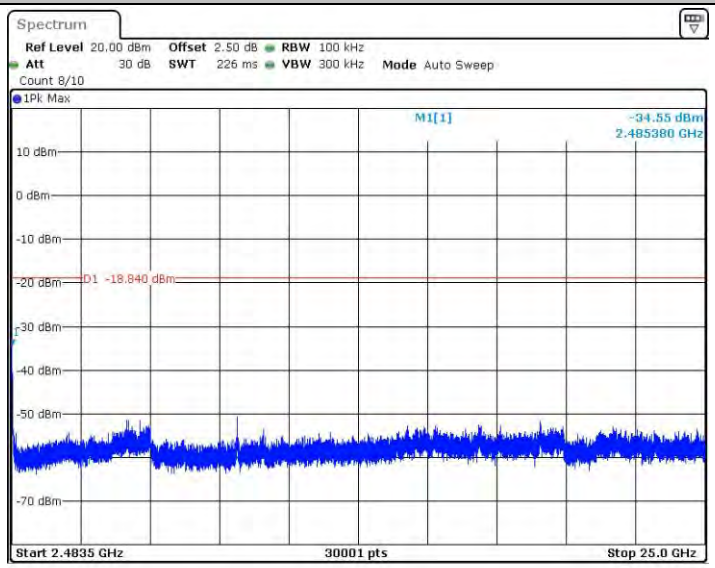

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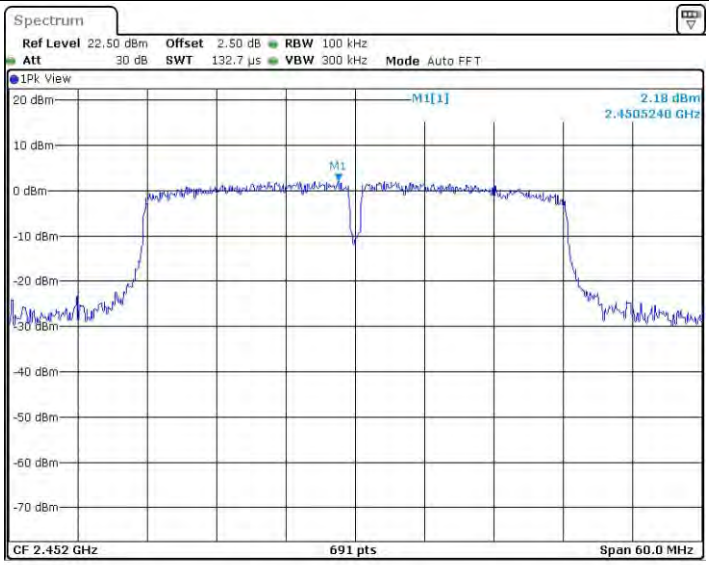

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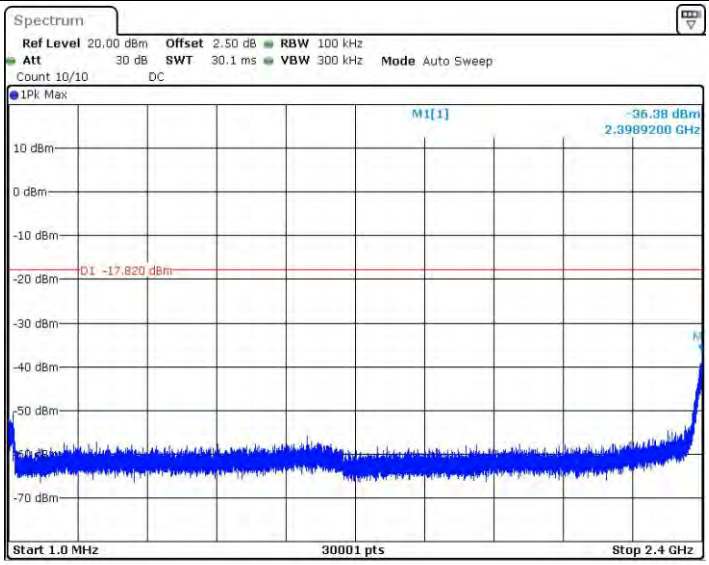

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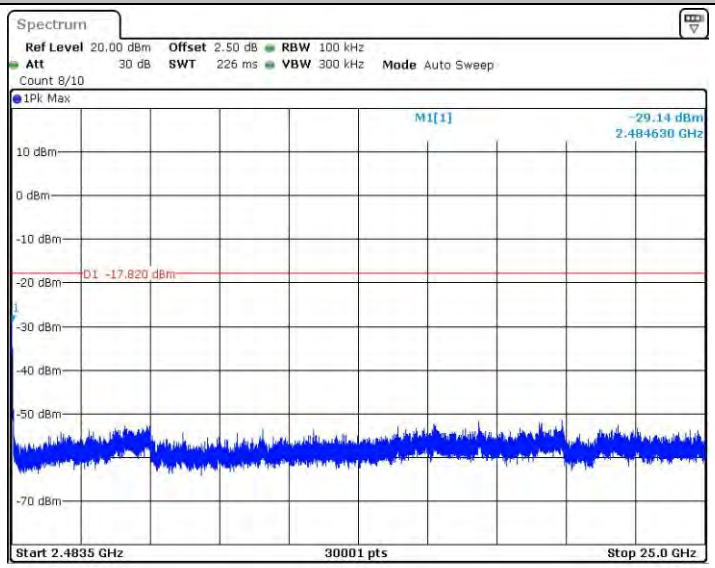

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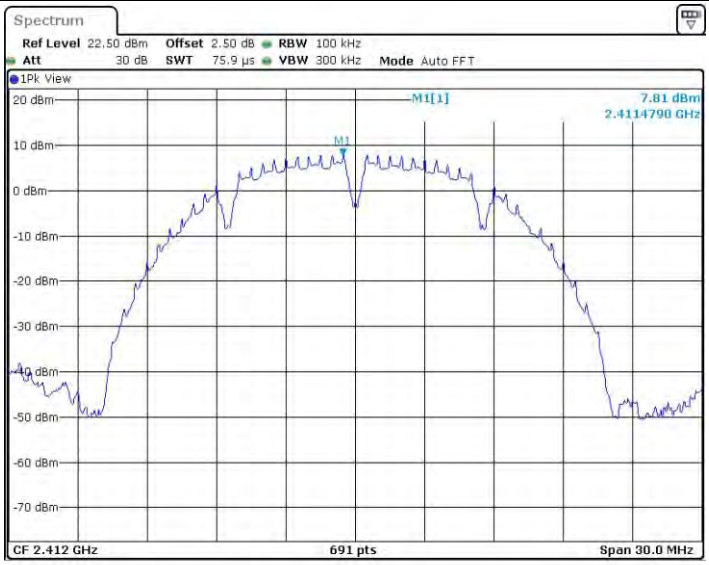

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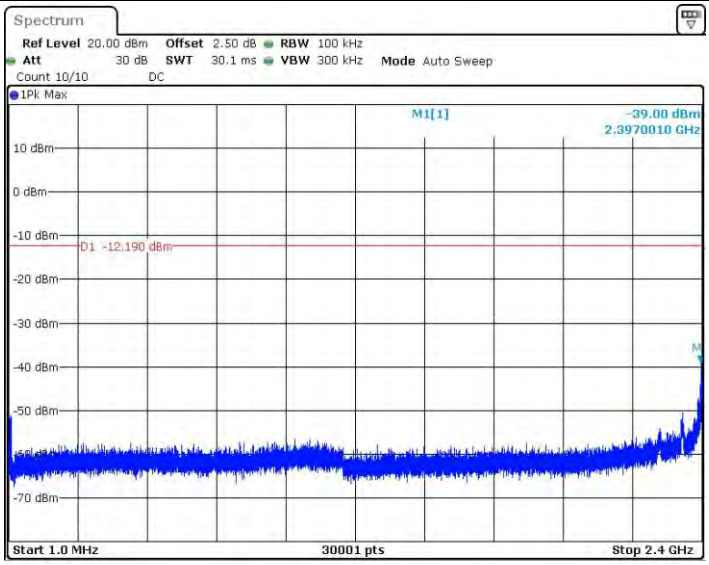

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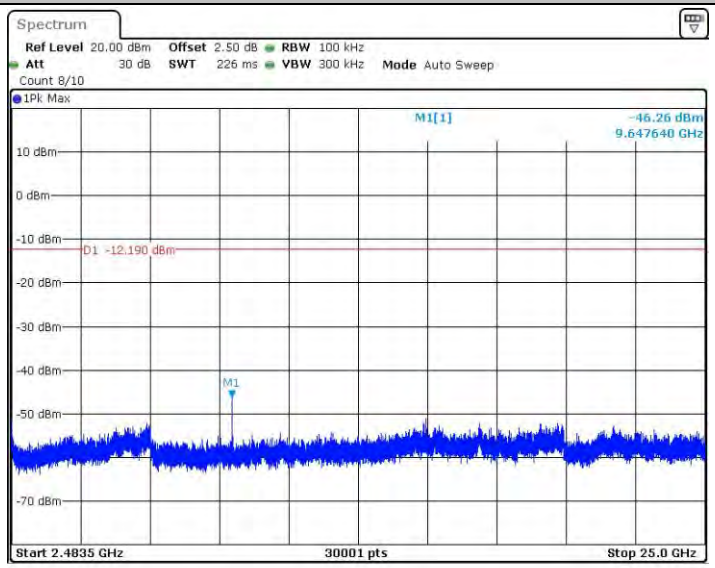

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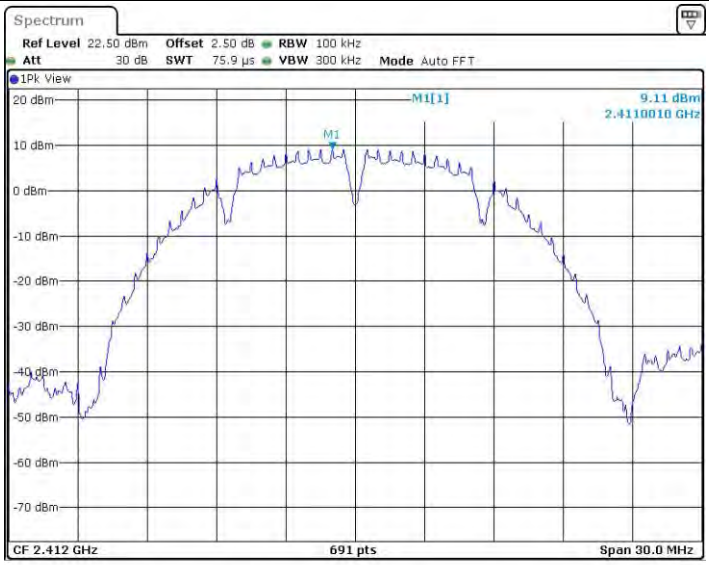

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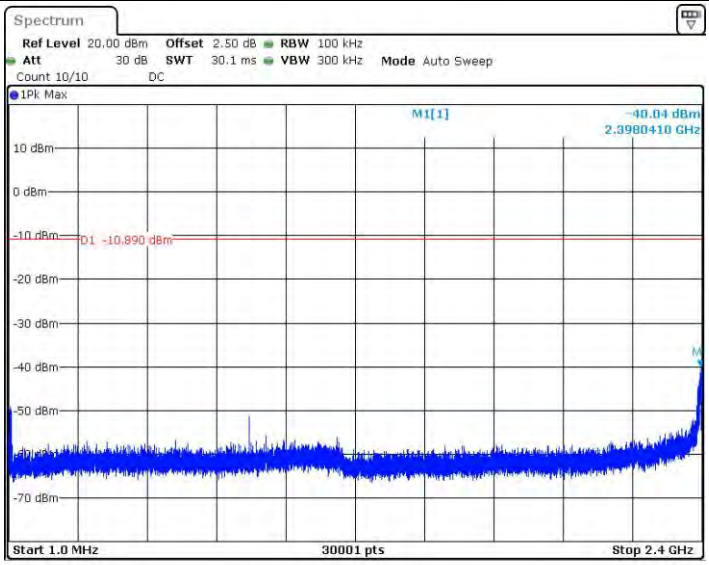

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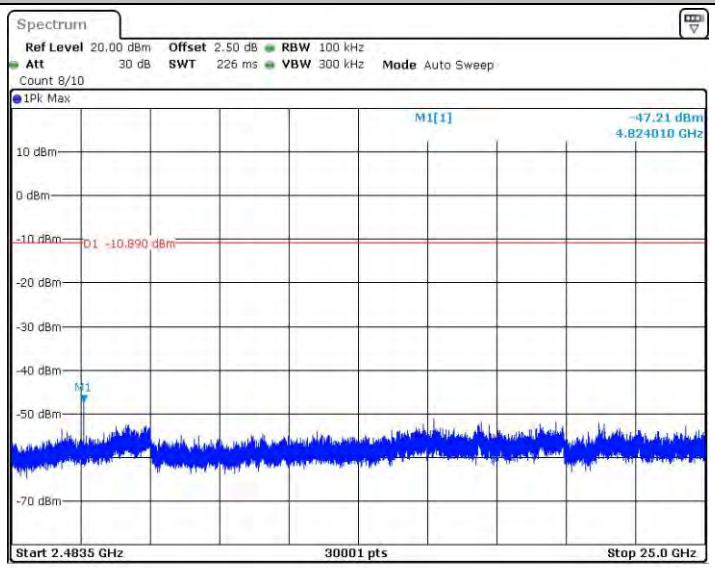

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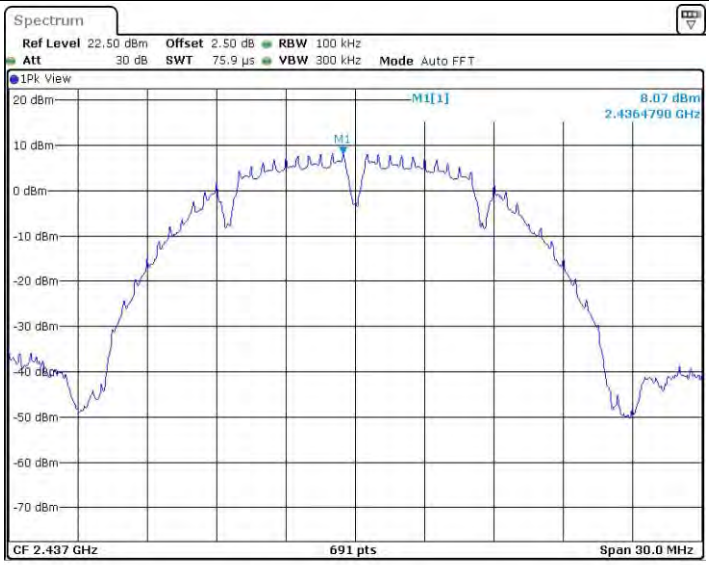

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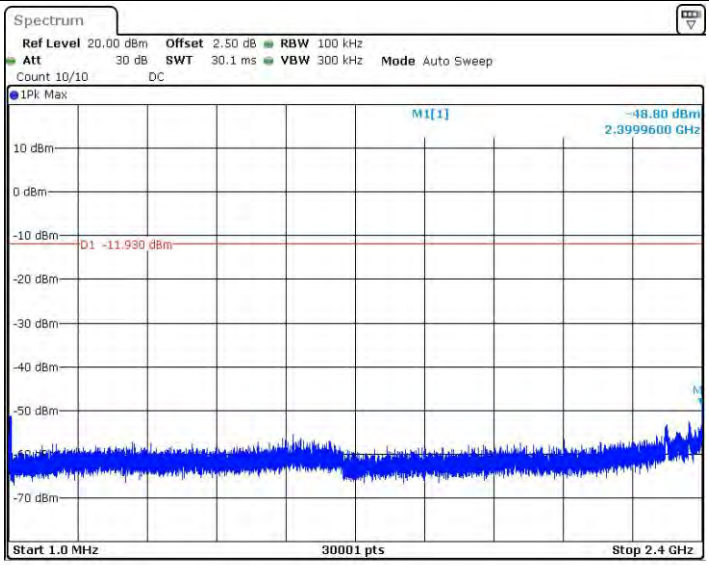

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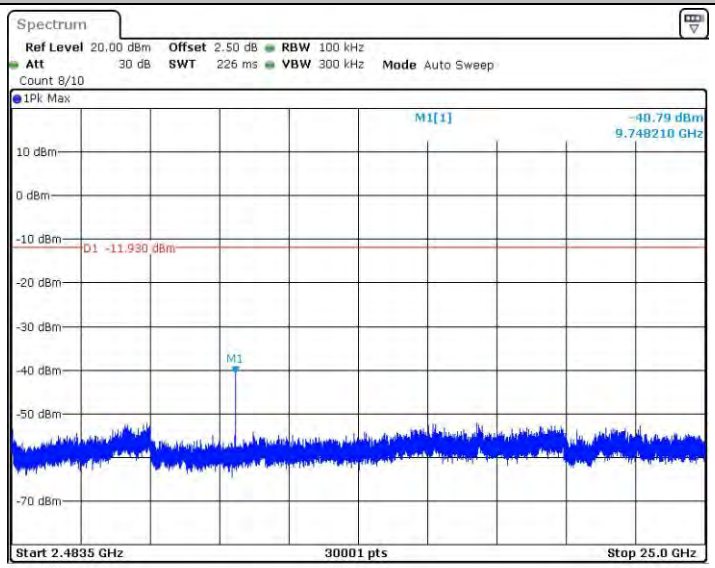

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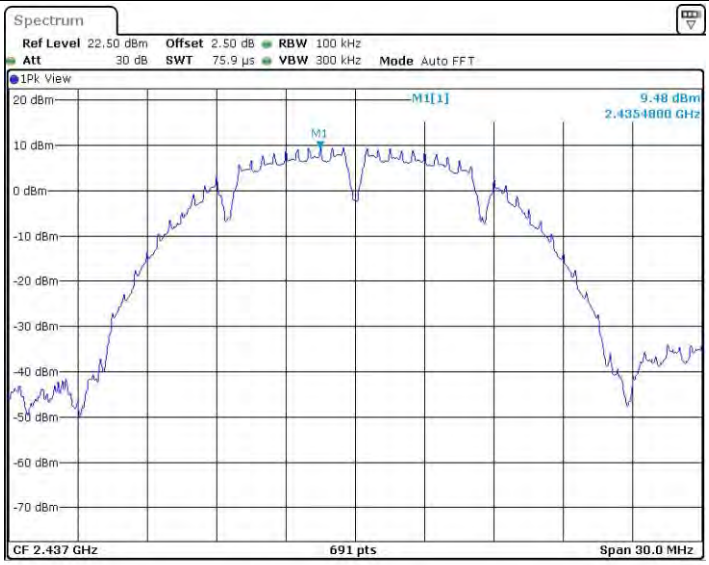

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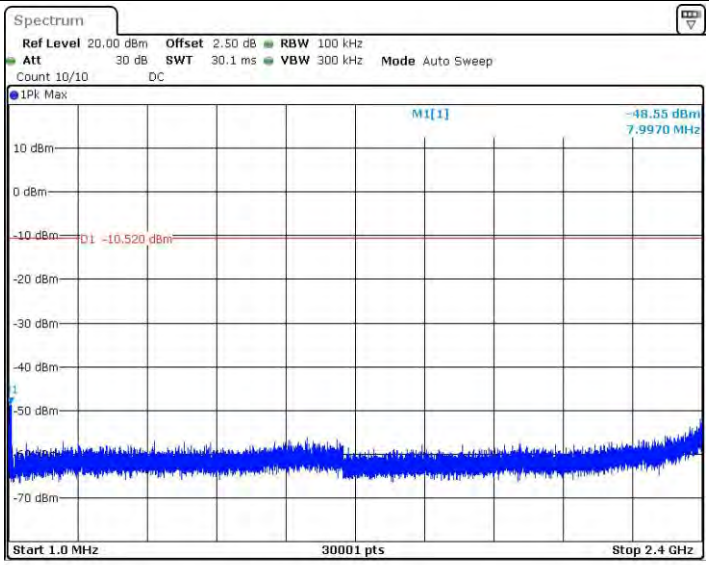

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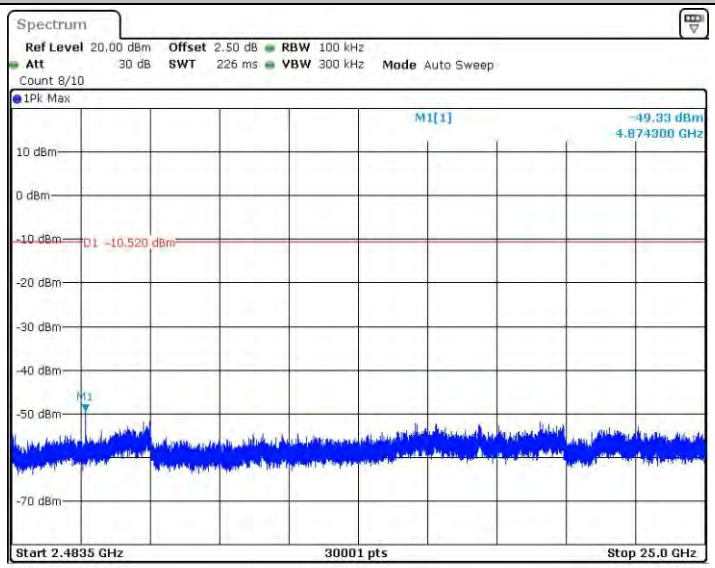

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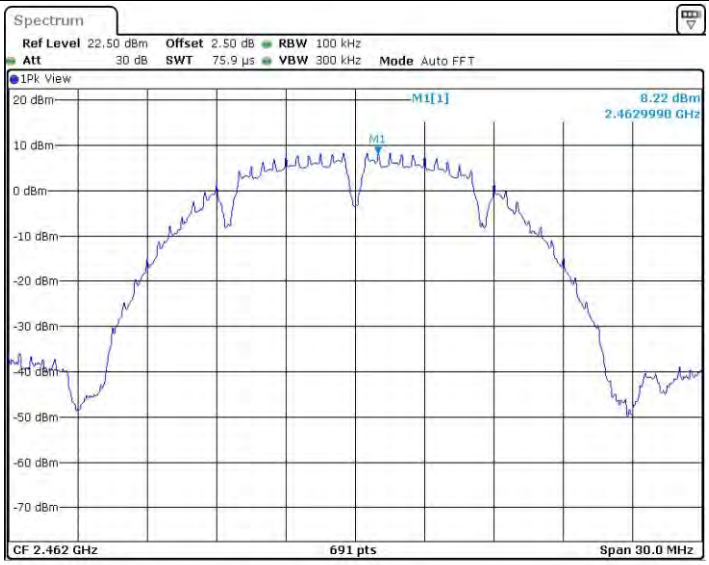

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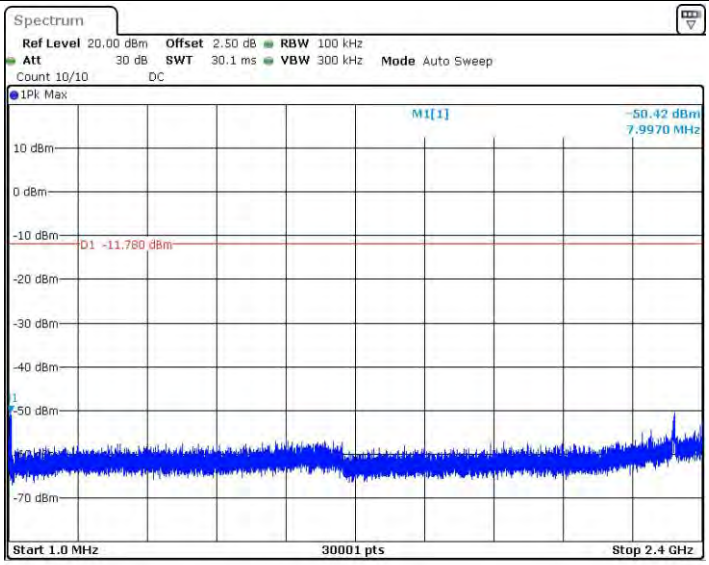

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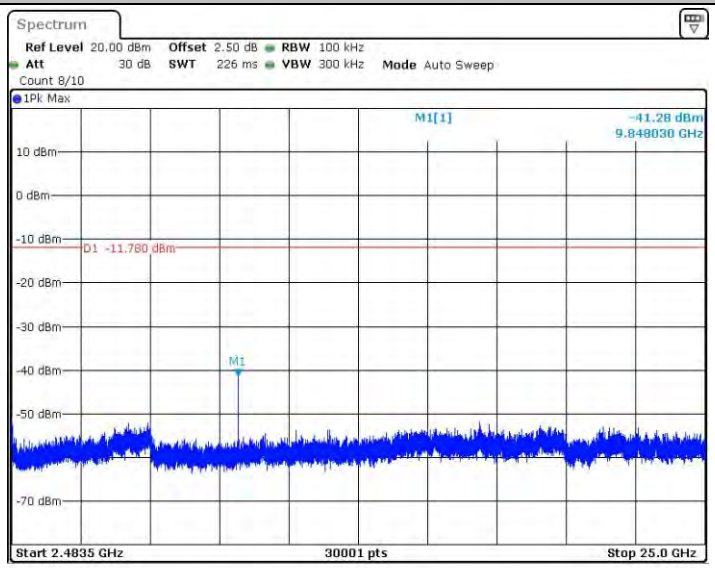

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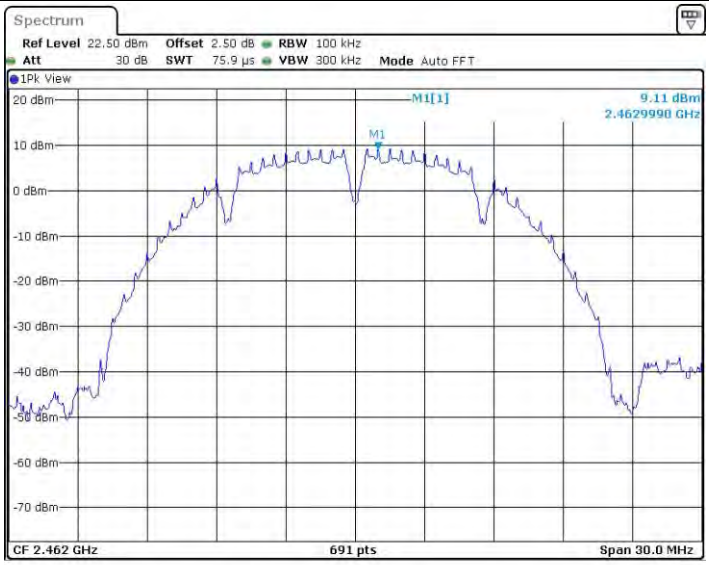

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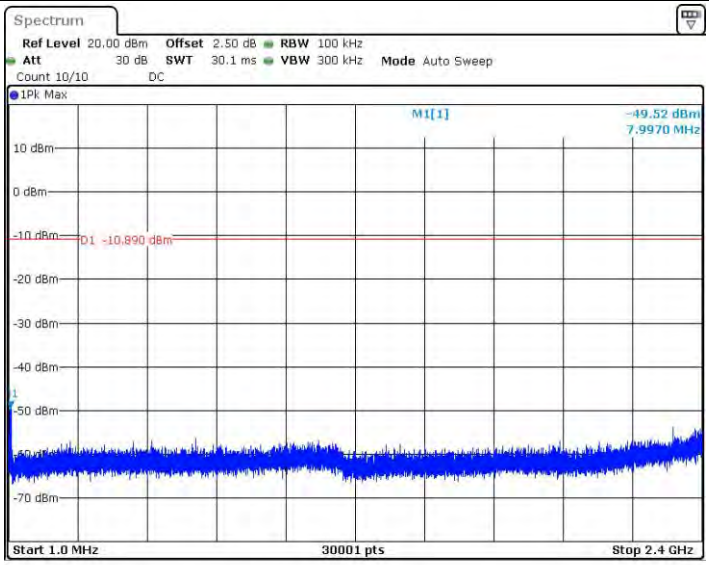

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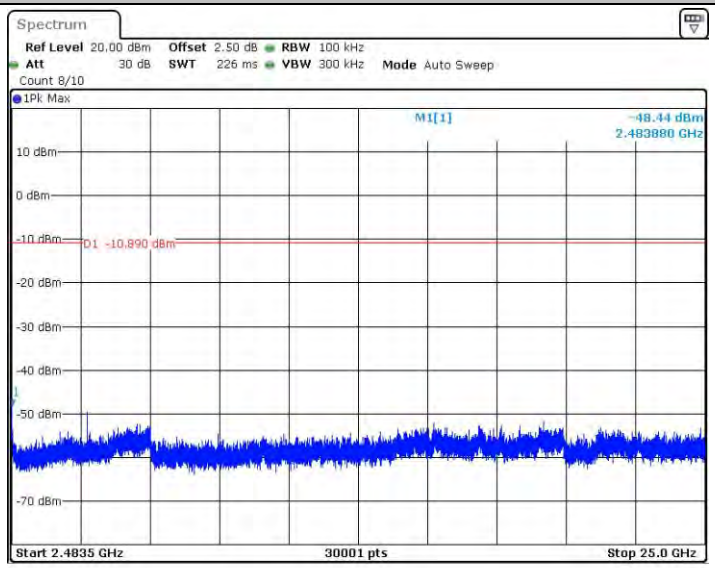

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