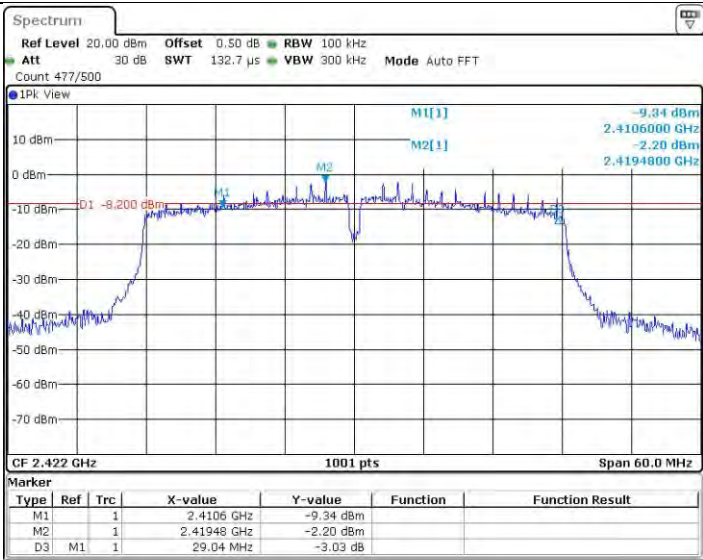


Appendix A:6dB Emission Bandwidth

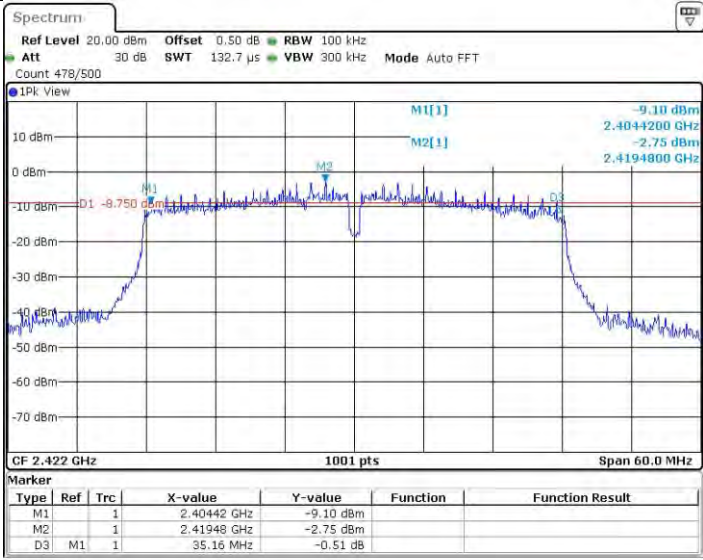
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N40MIMO	Ant1	2422	29.040	2410.600	2439.640	>=0.5	PASS
	Ant2	2422	35.160	2404.420	2439.580	>=0.5	PASS
	Ant1	2437	34.020	2420.620	2454.640	>=0.5	PASS
	Ant2	2437	34.020	2419.360	2453.380	>=0.5	PASS
	Ant1	2452	35.220	2434.420	2469.640	>=0.5	PASS
	Ant2	2452	35.160	2434.420	2469.580	>=0.5	PASS
11G	Ant1	2412	13.920	2404.440	2418.360	>=0.5	PASS
	Ant2	2412	13.890	2405.670	2419.560	>=0.5	PASS
	Ant1	2437	12.900	2430.460	2443.360	>=0.5	PASS
	Ant2	2437	13.920	2429.410	2443.330	>=0.5	PASS
	Ant1	2462	13.920	2455.640	2469.560	>=0.5	PASS
	Ant2	2462	14.430	2455.100	2469.530	>=0.5	PASS
11N20	Ant1	2412	12.720	2405.640	2418.360	>=0.5	PASS
	Ant2	2412	13.920	2405.640	2419.560	>=0.5	PASS
	Ant1	2437	14.730	2429.800	2444.530	>=0.5	PASS
	Ant2	2437	12.690	2430.640	2443.330	>=0.5	PASS
	Ant1	2462	12.720	2455.640	2468.360	>=0.5	PASS
	Ant2	2462	14.070	2455.460	2469.530	>=0.5	PASS
11N40	Ant1	2422	35.160	2404.420	2439.580	>=0.5	PASS
	Ant2	2422	32.640	2404.420	2437.060	>=0.5	PASS
	Ant1	2437	35.220	2419.420	2454.640	>=0.5	PASS
	Ant2	2437	33.900	2420.680	2454.580	>=0.5	PASS
	Ant1	2452	33.900	2435.680	2469.580	>=0.5	PASS
	Ant2	2452	30.180	2434.420	2464.600	>=0.5	PASS
11B	Ant1	2412	12.690	2405.640	2418.330	>=0.5	PASS
	Ant2	2412	9.810	2406.960	2416.770	>=0.5	PASS
	Ant1	2437	9.630	2431.960	2441.590	>=0.5	PASS
	Ant2	2437	9.630	2431.960	2441.590	>=0.5	PASS
	Ant1	2462	9.840	2456.960	2466.800	>=0.5	PASS
	Ant2	2462	9.630	2456.960	2466.590	>=0.5	PASS
11N20MIMO	Ant1	2412	12.720	2405.640	2418.360	>=0.5	PASS
	Ant2	2412	15.090	2403.840	2418.930	>=0.5	PASS
	Ant1	2437	12.720	2430.640	2443.360	>=0.5	PASS
	Ant2	2437	15.120	2428.840	2443.960	>=0.5	PASS
	Ant1	2462	12.720	2455.640	2468.360	>=0.5	PASS
	Ant2	2462	13.860	2455.070	2468.930	>=0.5	PASS

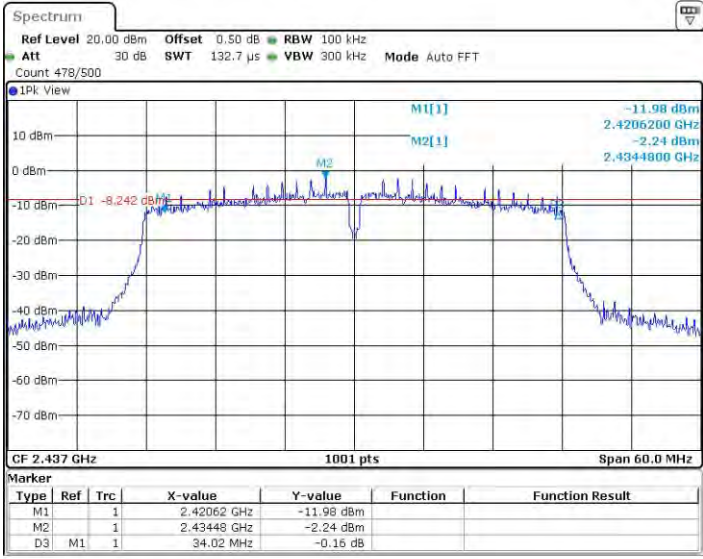
Test Graphs



11N40MIMO_Ant1_2422

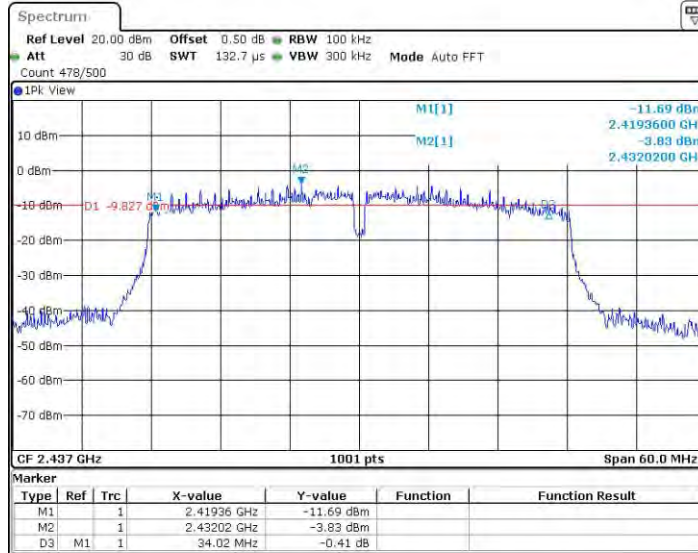


11N40MIMO_Ant2_2422

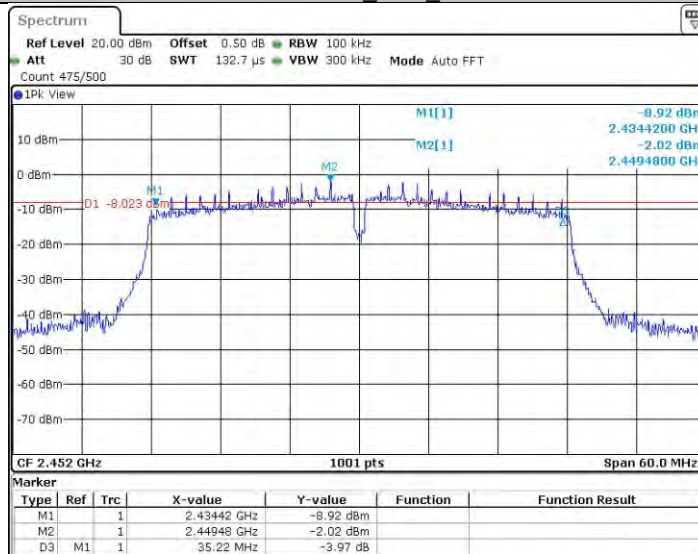


11N40MIMO_Ant1_2437

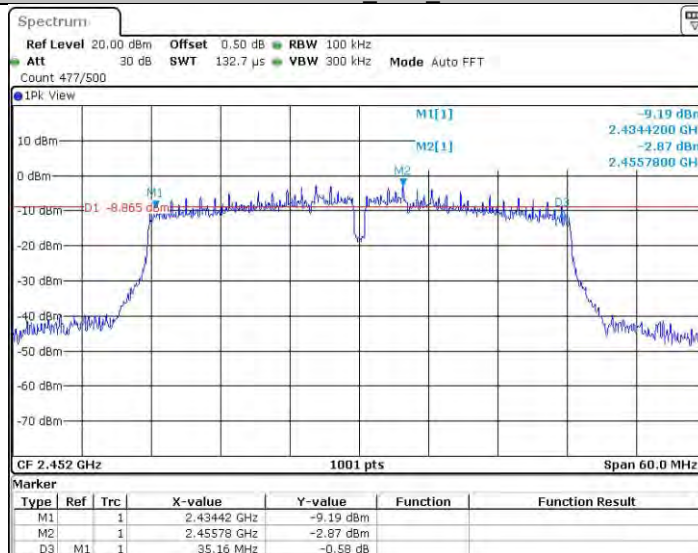
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11N4OMIMO_Ant2_2437

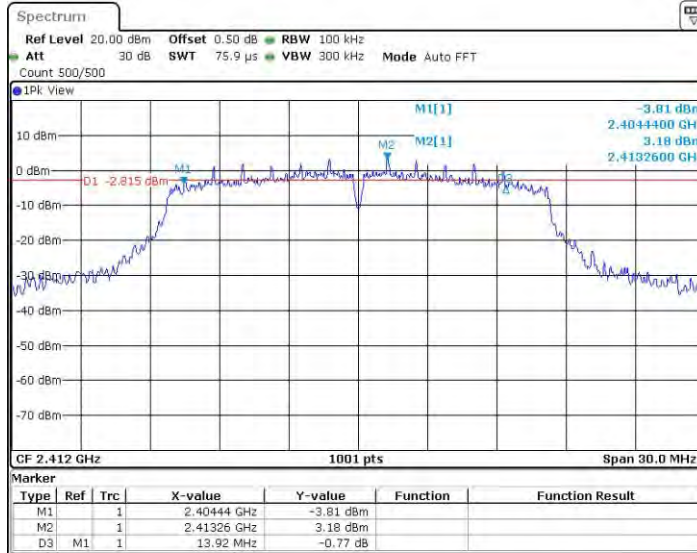


11N4OMIMO_Ant1_2452

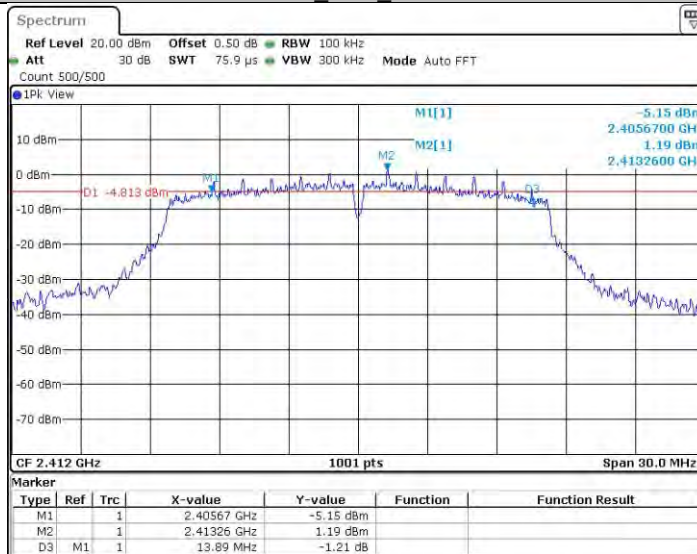


11N4OMIMO_Ant2_2452

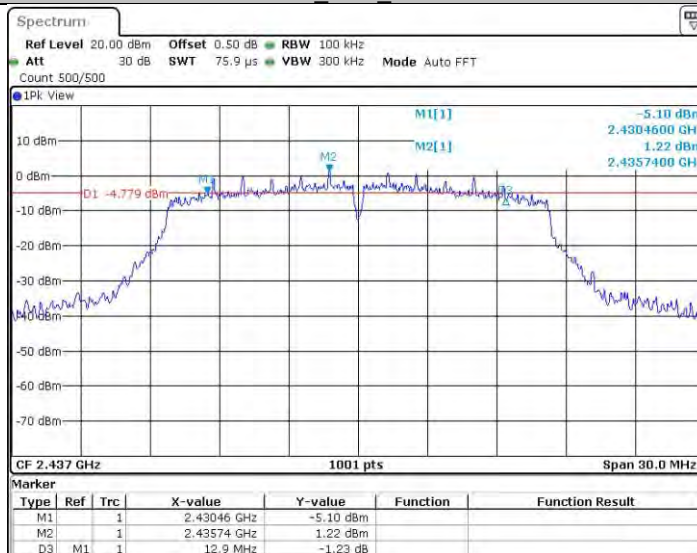
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11G_Ant1_2412

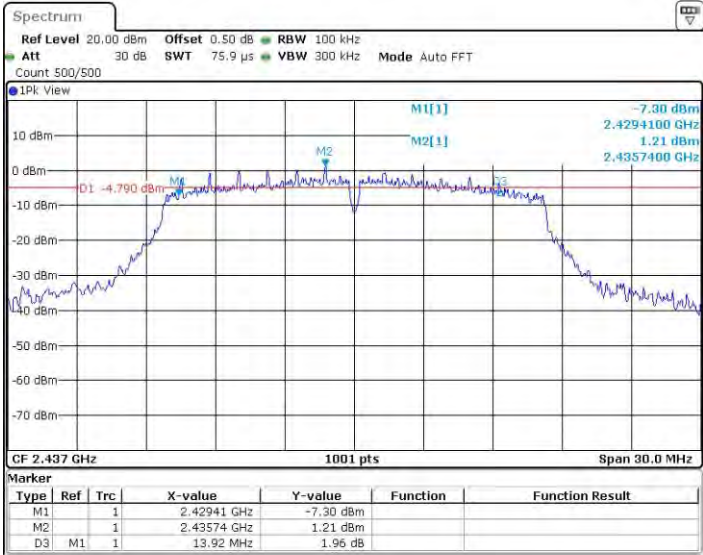


11G_Ant2_2412

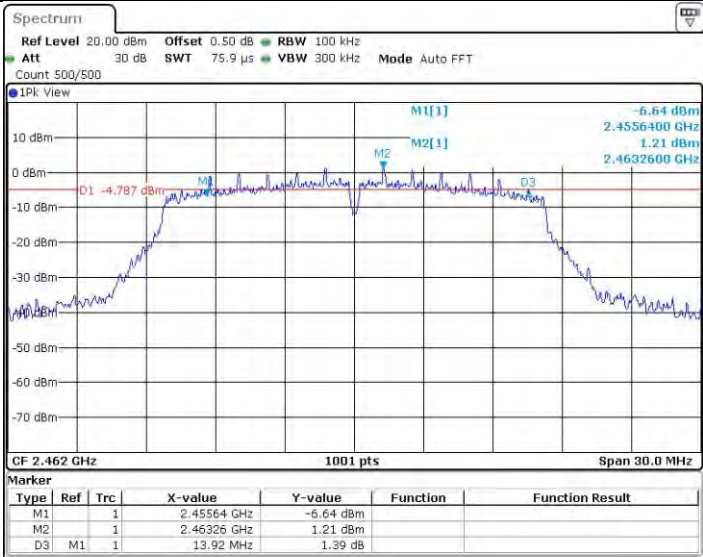


11G_Ant1_2437

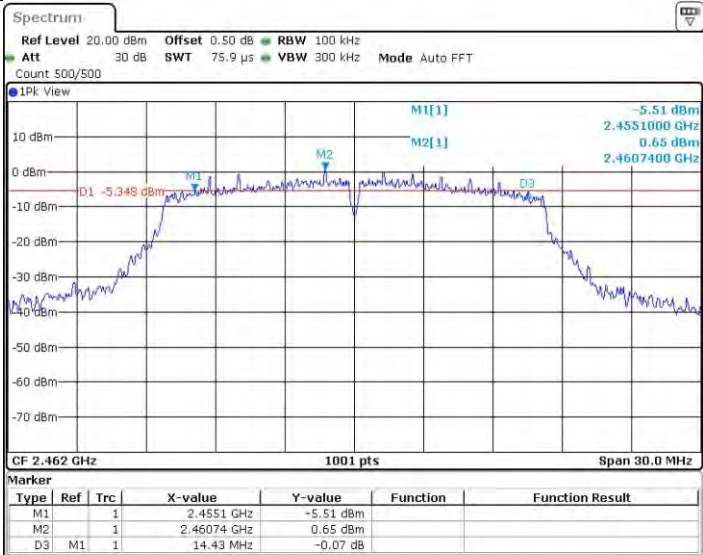
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11G_Ant2_2437

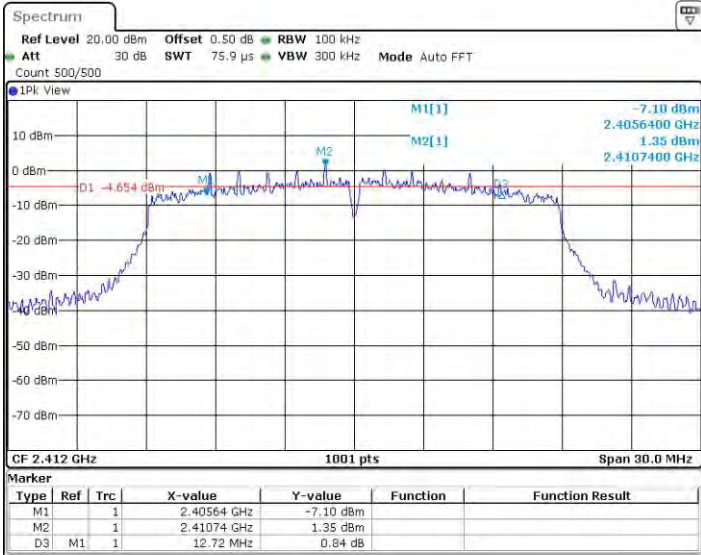


11G_Ant1_2462

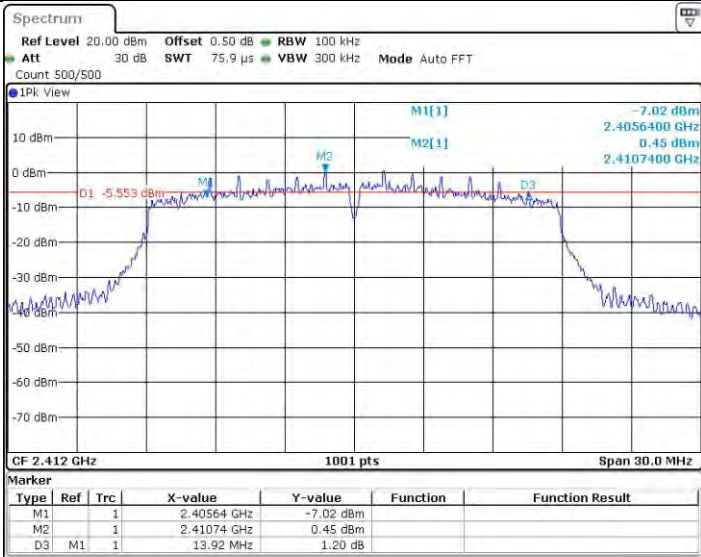


11G_Ant2_2462

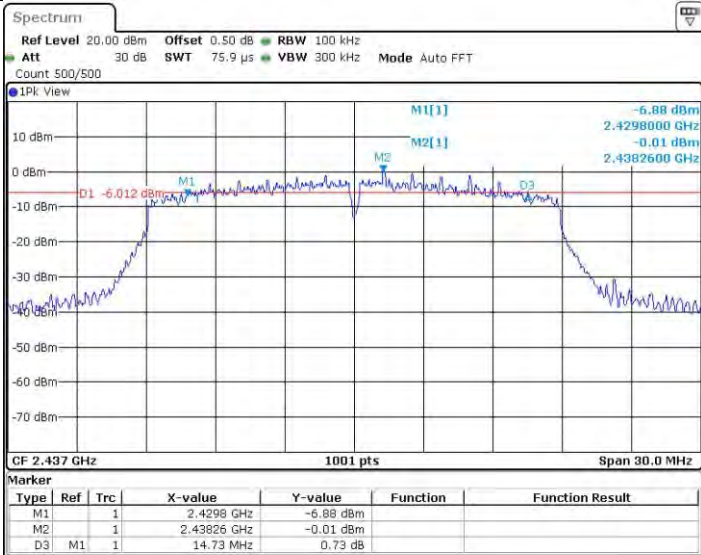
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11N20_Ant1_2412

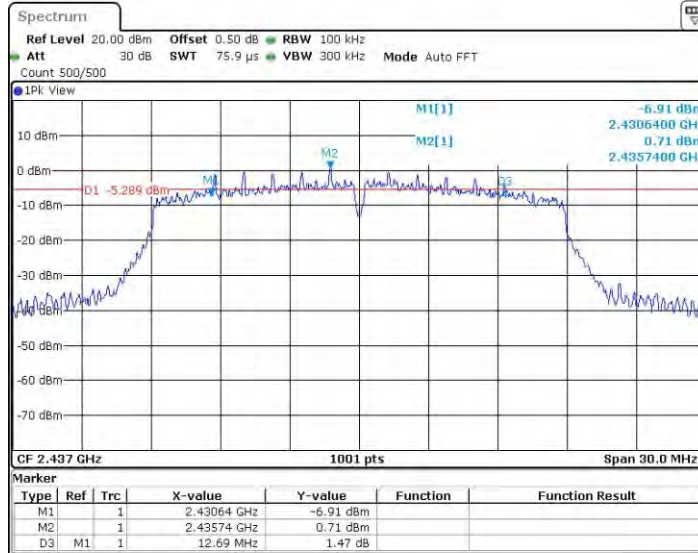


11N20_Ant2_2412

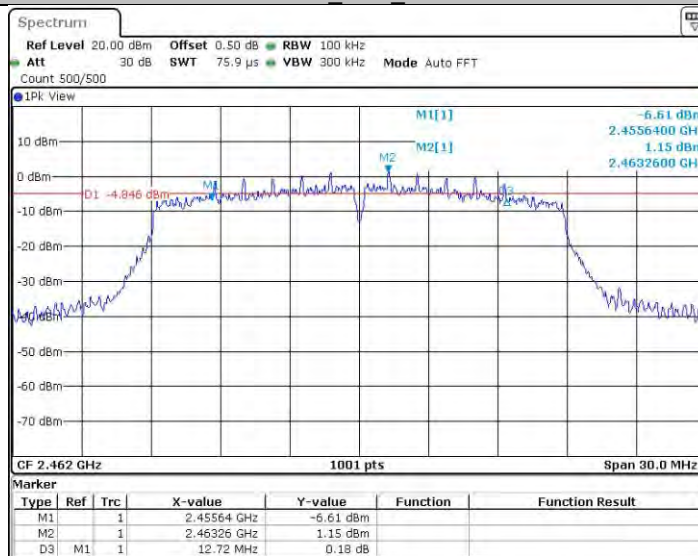


11N20_Ant1_2437

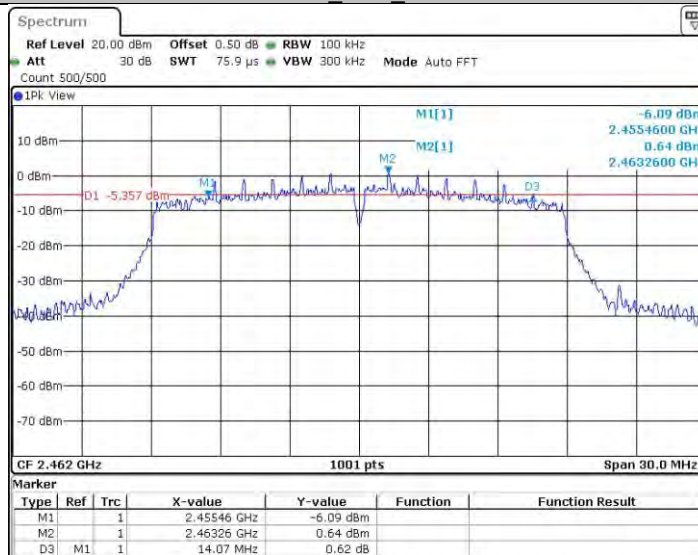
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11N20_Ant2_2437

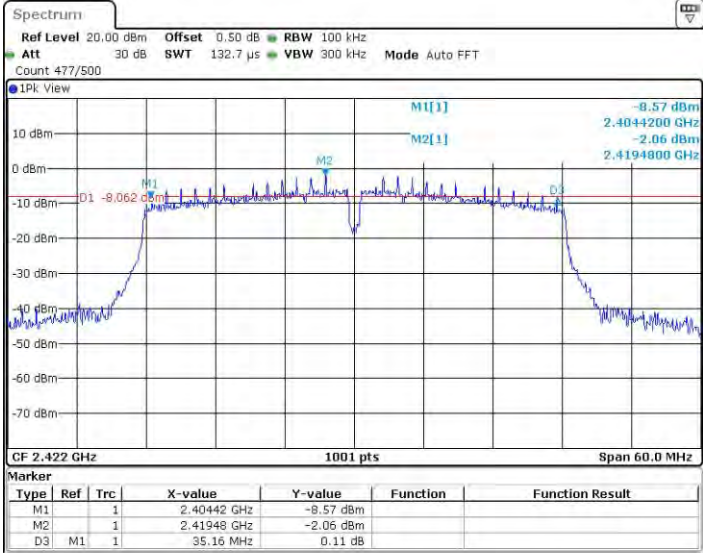


11N20_Ant1_2462

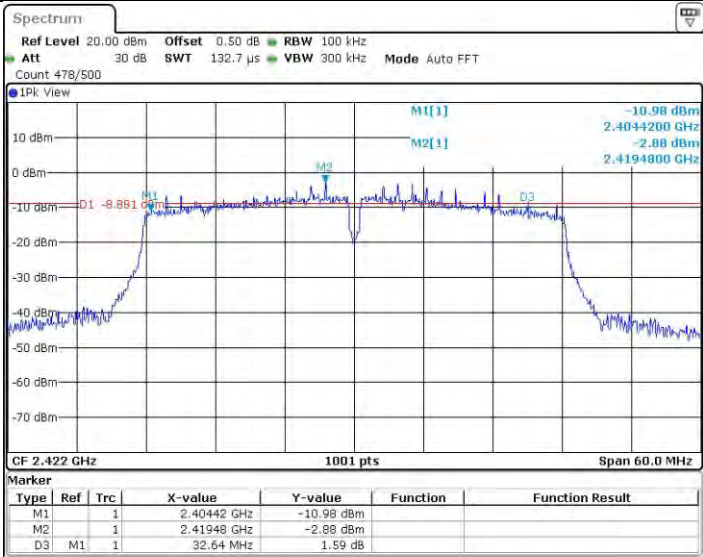


11N20_Ant2_2462

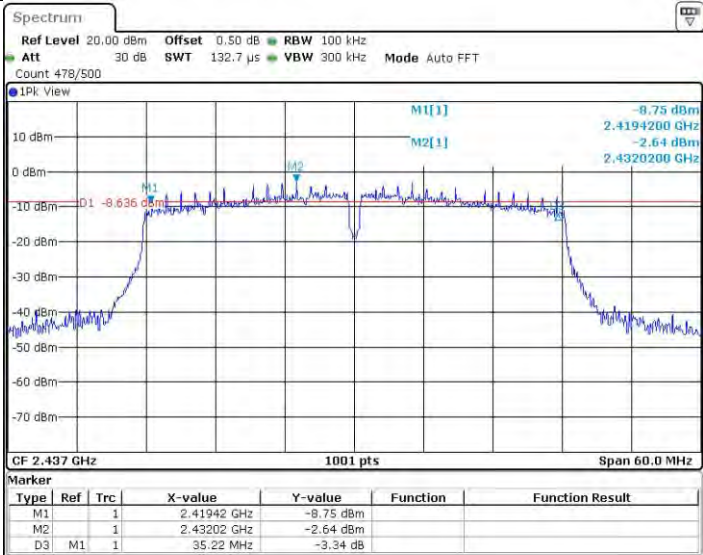
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11N40_Ant1_2422

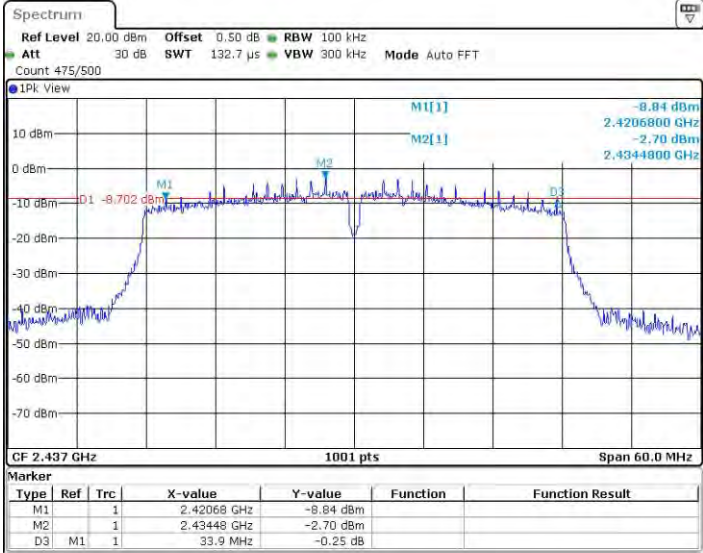


11N40_Ant2_2422

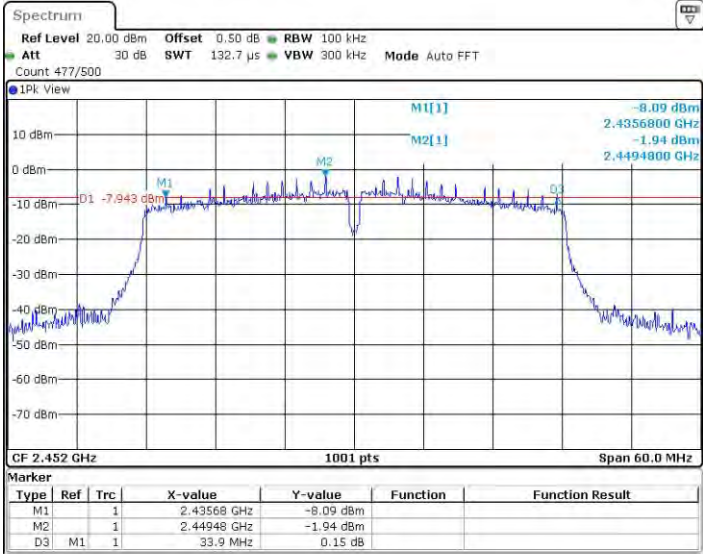


11N40_Ant1_2437

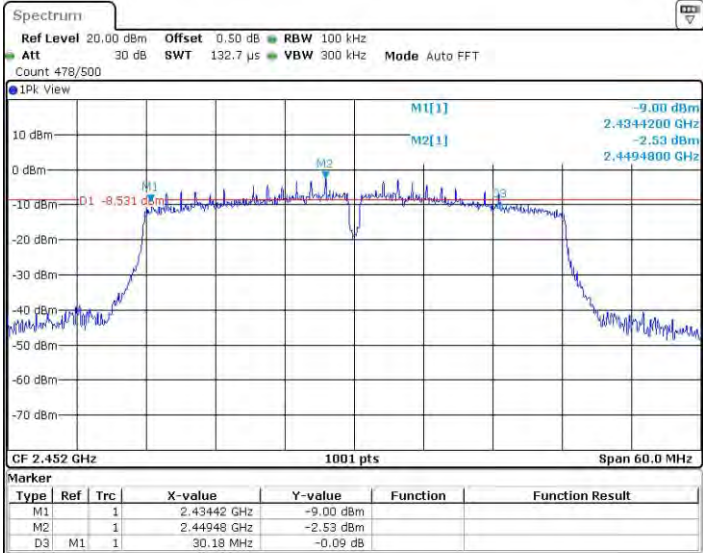
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11N40_Ant2_2437

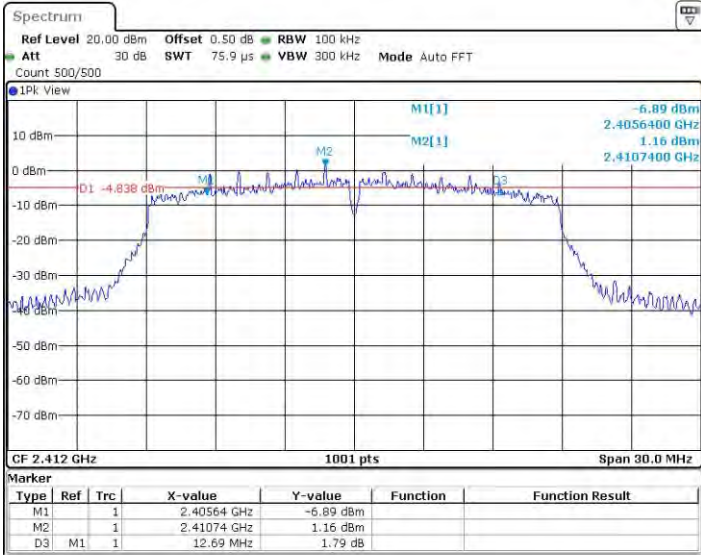


11N40_Ant1_2452

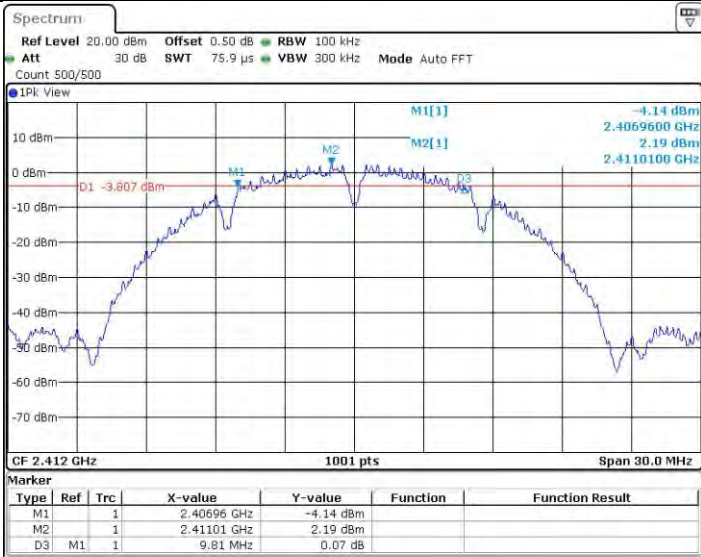


11N40_Ant2_2452

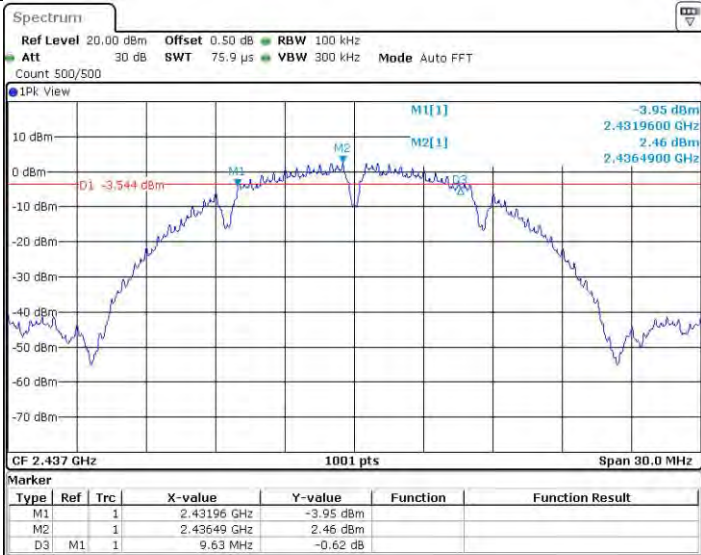
Appendix of 210204040SZN-002



11B_Ant1_2412

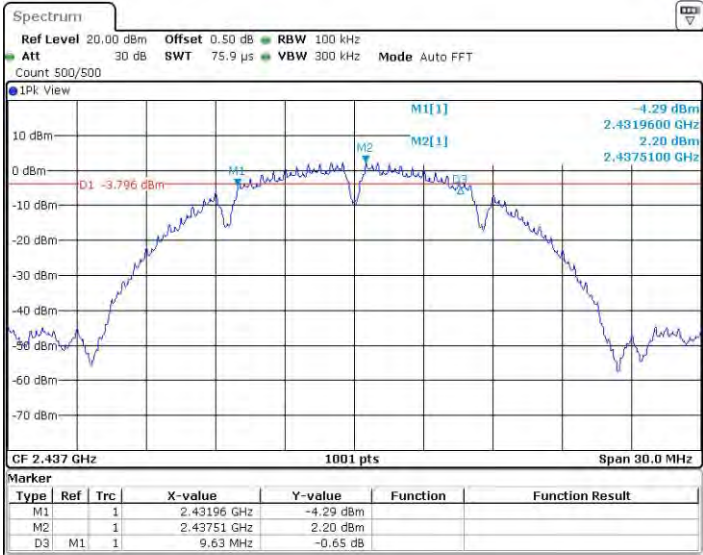


11B_Ant2_2412

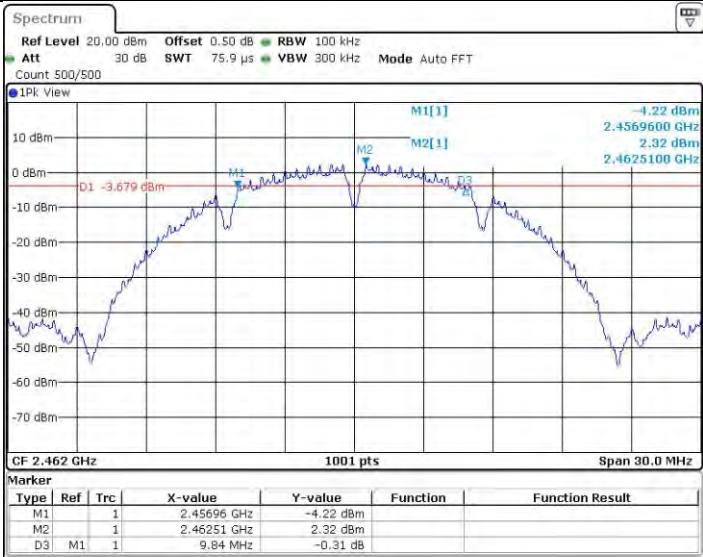


11B_Ant1_2437

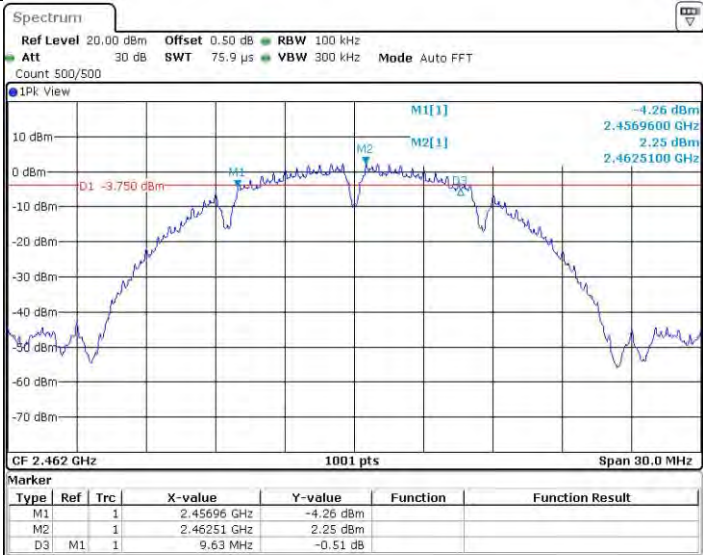
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11B_Ant2_2437

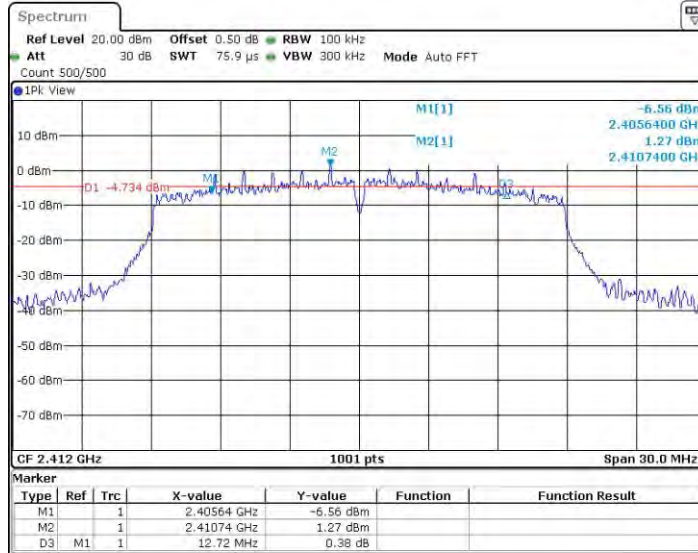


11B_Ant1_2462

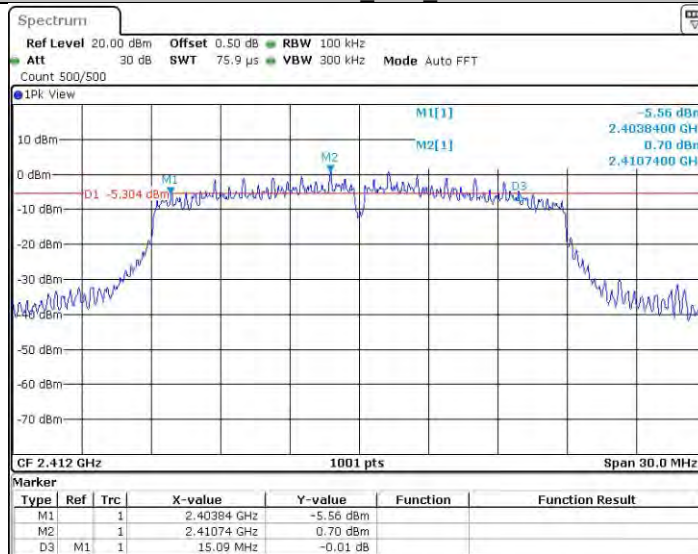


11B_Ant2_2462

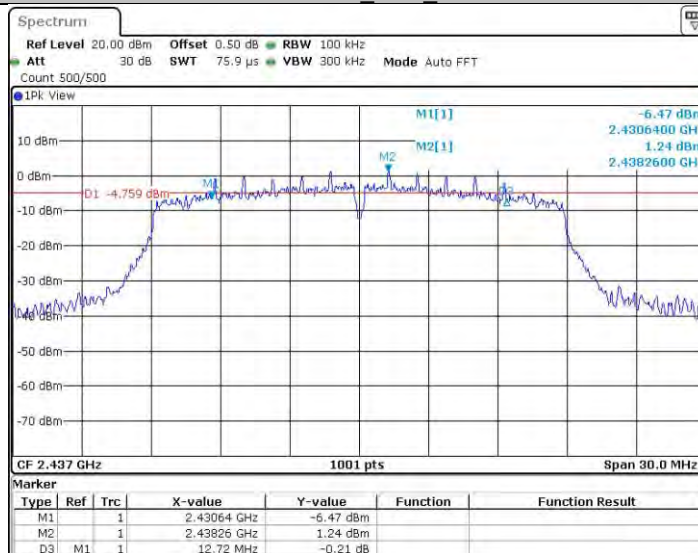
Appendix of 210204040SZN-002



11N20MIMO_Ant1_2412

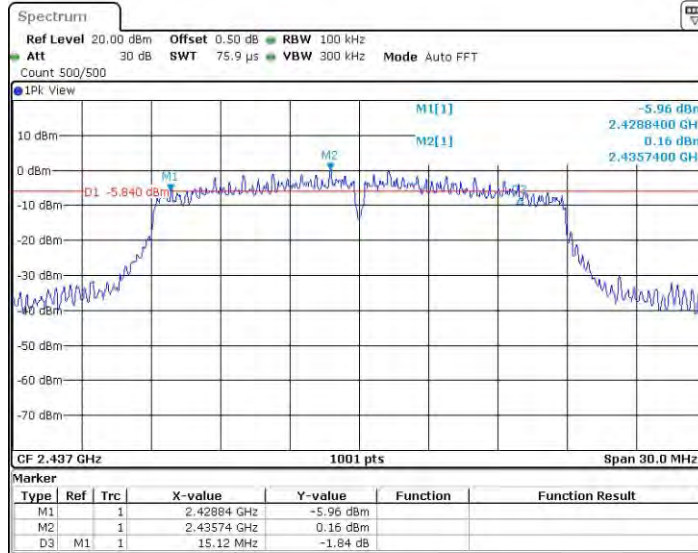


11N20MIMO_Ant2_2412

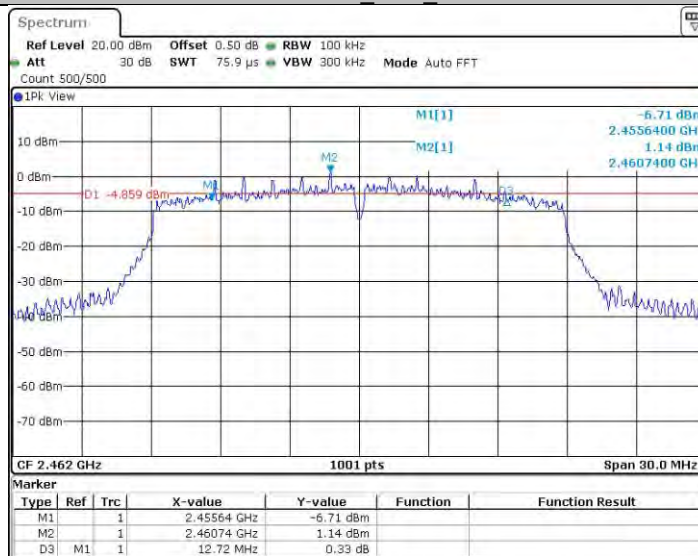


11N20MIMO_Ant1_2437

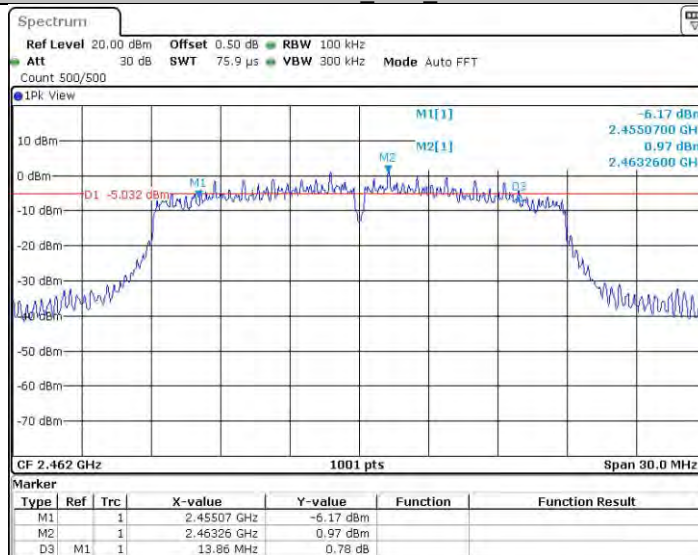
Appendix of 210204040SZN-002



11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462

Appendix B: Conducted Average Power

Test Result

SISO Mode

Model	Channel	Frequency (MHz)	Average Power(dBm) Ant 1	Limit (dBm)	Verdict
11b	1	2412	13.5	30	PASS
	6	2437	13.39	30	PASS
	11	2462	13.42	30	PASS
11g	1	2412	11.98	30	PASS
	6	2437	12.1	30	PASS
	11	2462	12.01	30	PASS
11n20	1	2412	11.89	30	PASS
	6	2437	11.76	30	PASS
	11	2462	11.5	30	PASS
11n40	3	2422	10.6	30	PASS
	6	2437	10.5	30	PASS
	9	2452	10.47	30	PASS

Model	Channel	Frequency (MHz)	Average Power(dBm) Ant 2	Limit (dBm)	Verdict
11b	1	2412	13.12	30	PASS
	6	2437	13.02	30	PASS
	11	2462	12.89	30	PASS
11g	1	2412	11.68	30	PASS
	6	2437	11.75	30	PASS
	11	2462	11.54	30	PASS
11n20	1	2412	11.65	30	PASS
	6	2437	11.13	30	PASS
	11	2462	11.36	30	PASS
11n40	3	2422	10.32	30	PASS
	6	2437	10.42	30	PASS
	9	2452	10.04	30	PASS

MIMO Mode

Model	Channel	Frequency (MHz)	Average Power(dBm)		Total Average Power (dBm)	Power Limit (dBm)	Verdict
			Ant 1	Ant 2			
11n20	1	2412	12.23	12.05	15.15	30.00	PASS
	6	2437	11.89	12.15	15.04	30.00	PASS
	11	2462	12.03	12.23	15.14	30.00	PASS
11n40	3	2422	10.6	10.23	13.50	30.00	PASS
	6	2437	10.7	10.33	13.53	30.00	PASS
	9	2452	10.68	10.12	13.45	30.00	PASS

Appendix C: Maximum power spectral density

Test Result

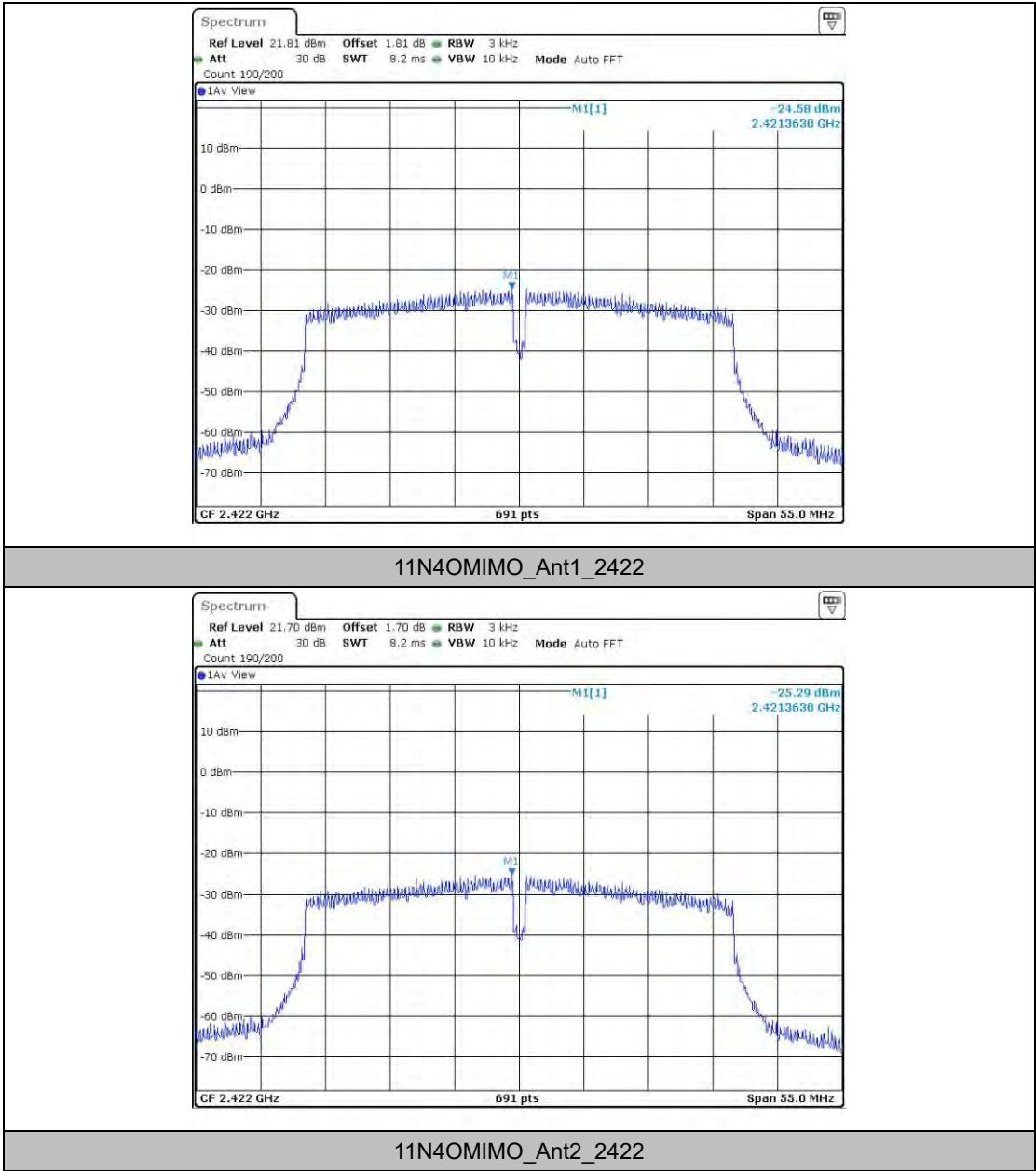
TestMode	Antenna	Channel	Result	Limit	Verdict
11N40MIMO	Ant1	2422	-24.58	<=8	PASS
	Ant2	2422	-25.29	<=8	PASS
	total	2422	-21.91	<=8	PASS
	Ant1	2437	-24.36	<=8	PASS
	Ant2	2437	-25.2	<=8	PASS
	total	2437	-21.75	<=8	PASS
	Ant1	2452	-24.44	<=8	PASS
	Ant2	2452	-25.02	<=8	PASS
	total	2452	-21.71	<=8	PASS
11G	Ant1	2412	-13.96	<=8	PASS
	Ant2	2412	-14.39	<=8	PASS
	Ant1	2437	-15.03	<=8	PASS
	Ant2	2437	-14.63	<=8	PASS
	Ant1	2462	-14.35	<=8	PASS
	Ant2	2462	-13.6	<=8	PASS
11N20	Ant1	2412	-14.27	<=8	PASS
	Ant2	2412	-15.07	<=8	PASS
	Ant1	2437	-15	<=8	PASS
	Ant2	2437	-15.04	<=8	PASS
	Ant1	2462	-14.01	<=8	PASS
	Ant2	2462	-14.59	<=8	PASS
11N40	Ant1	2422	-24.4	<=8	PASS
	Ant2	2422	-24.88	<=8	PASS
	Ant1	2437	-23.94	<=8	PASS
	Ant2	2437	-24.61	<=8	PASS
	Ant1	2452	-24.02	<=8	PASS
	Ant2	2452	-24.95	<=8	PASS
11B	Ant1	2412	-14.65	<=8	PASS
	Ant2	2412	1.23	<=8	PASS
	Ant1	2437	1.53	<=8	PASS
	Ant2	2437	1.23	<=8	PASS
	Ant1	2462	1.4	<=8	PASS
	Ant2	2462	1.32	<=8	PASS
11N20MIMO	Ant1	2412	-14.02	<=8	PASS
	Ant2	2412	-15.29	<=8	PASS
	total	2412	-11.60	<=8	PASS
	Ant1	2437	-14.05	<=8	PASS
	Ant2	2437	-14.42	<=8	PASS

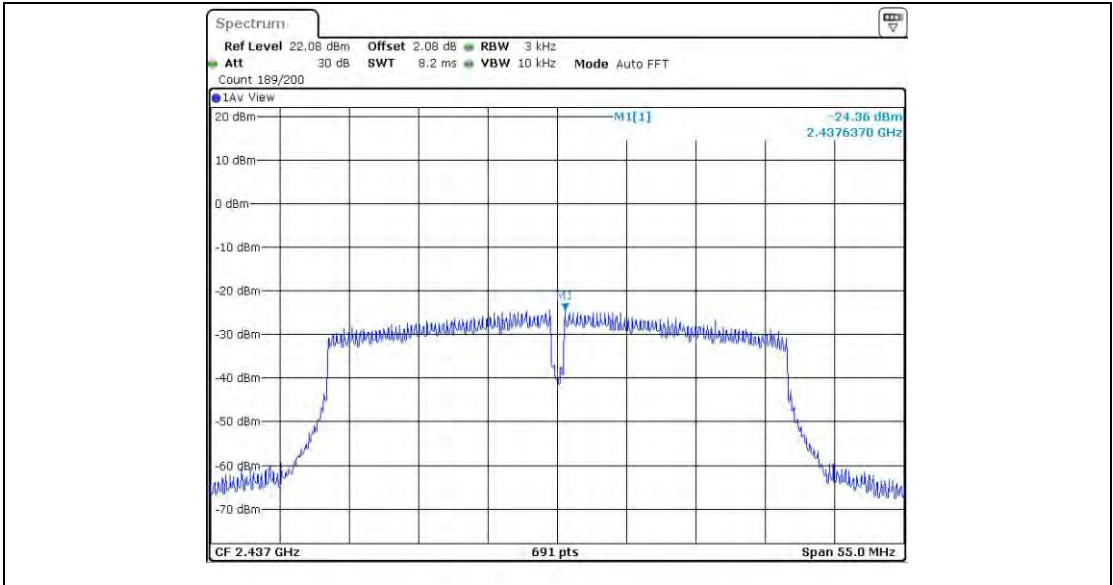
Appendix of 210204040SZN-002

	total	2437	-11.22	<=8	PASS
	Ant1	2462	-13.74	<=8	PASS
	Ant2	2462	-14.85	<=8	PASS
	total	2462	-11.25	<=8	PASS

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

Test Graphs

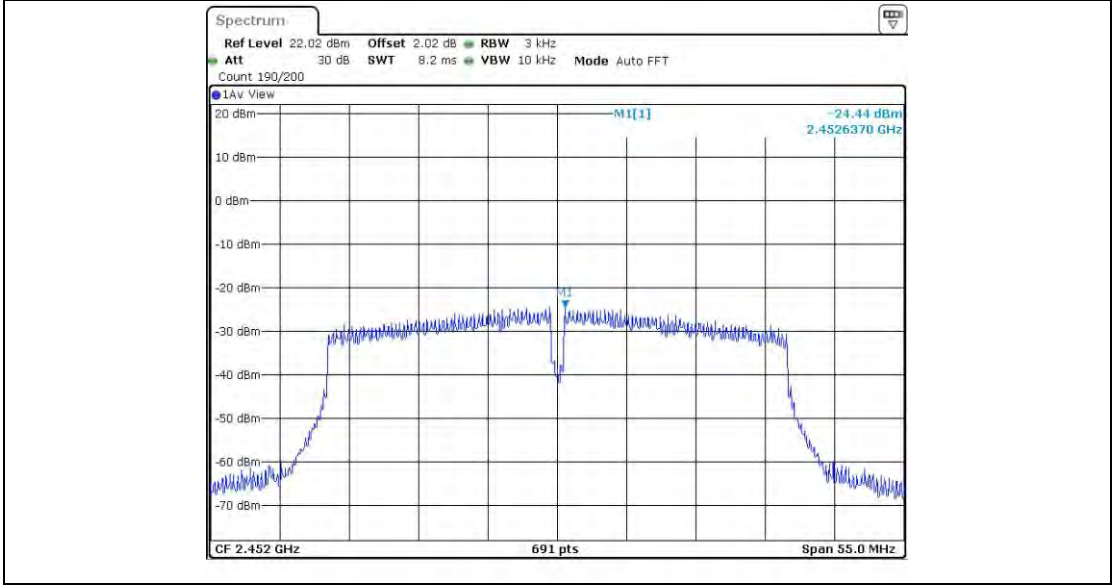




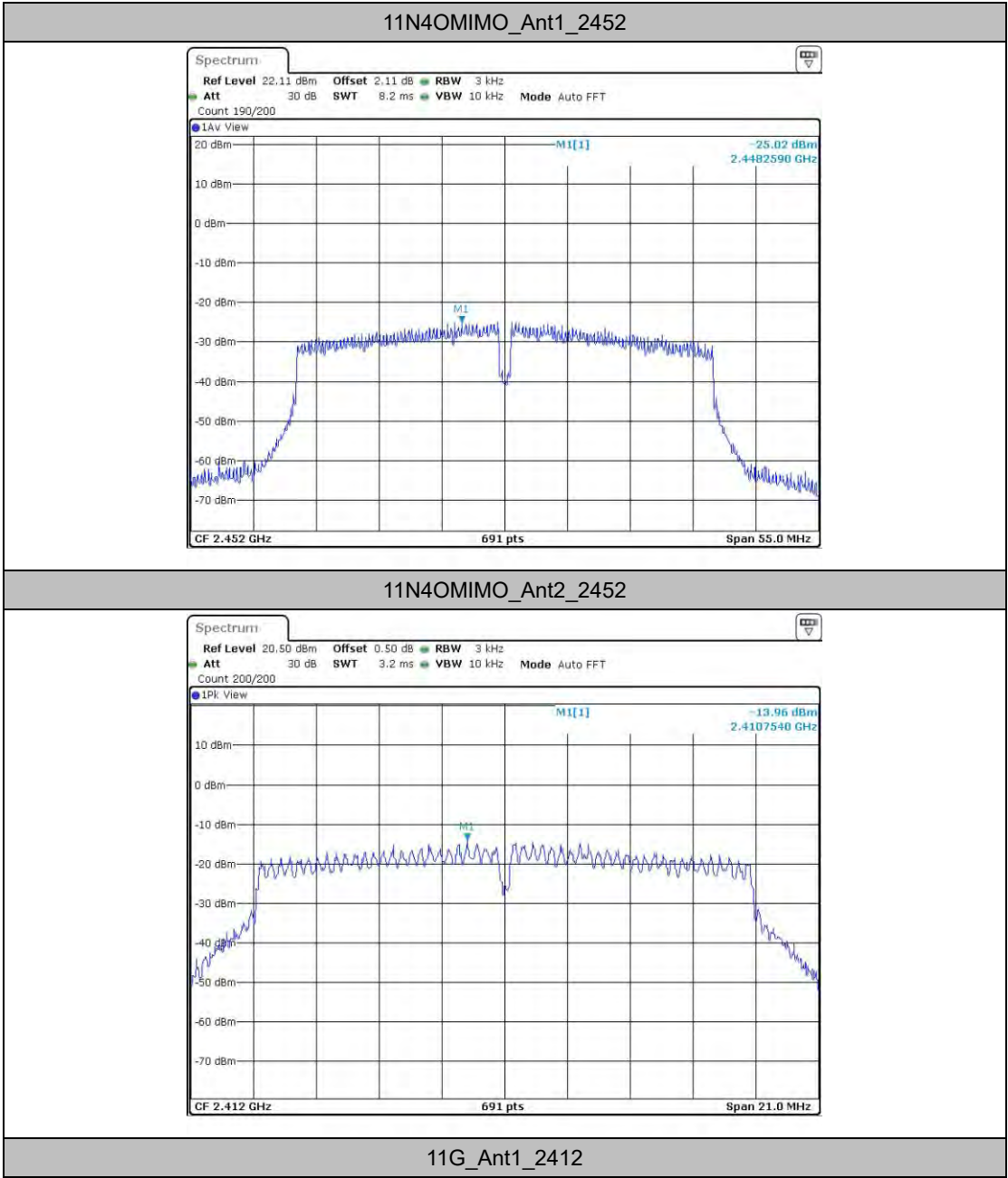
11N4OMIMO_Ant1_2437

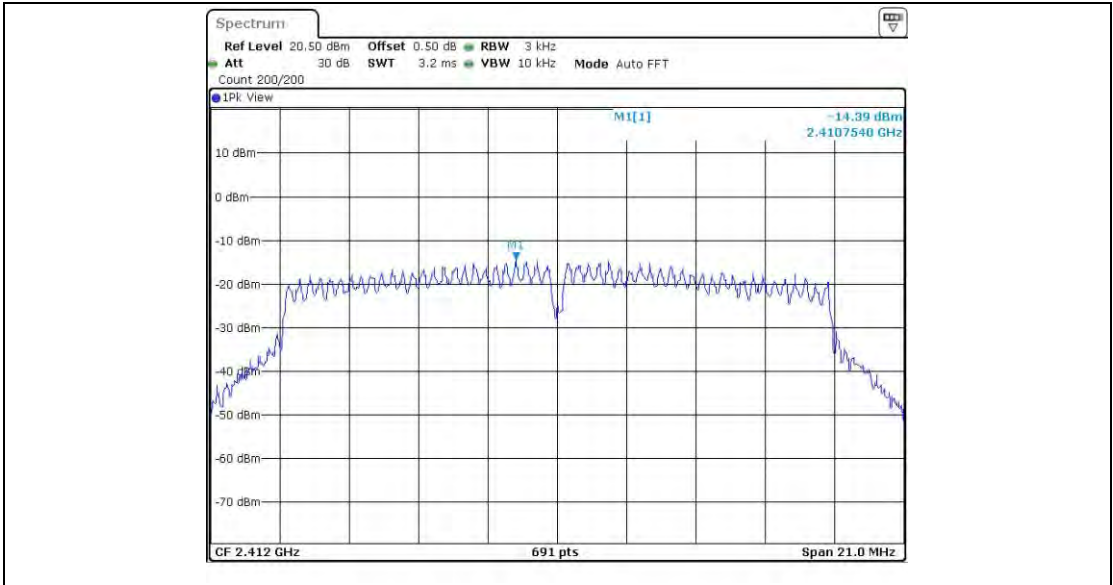


11N4OMIMO_Ant2_2437

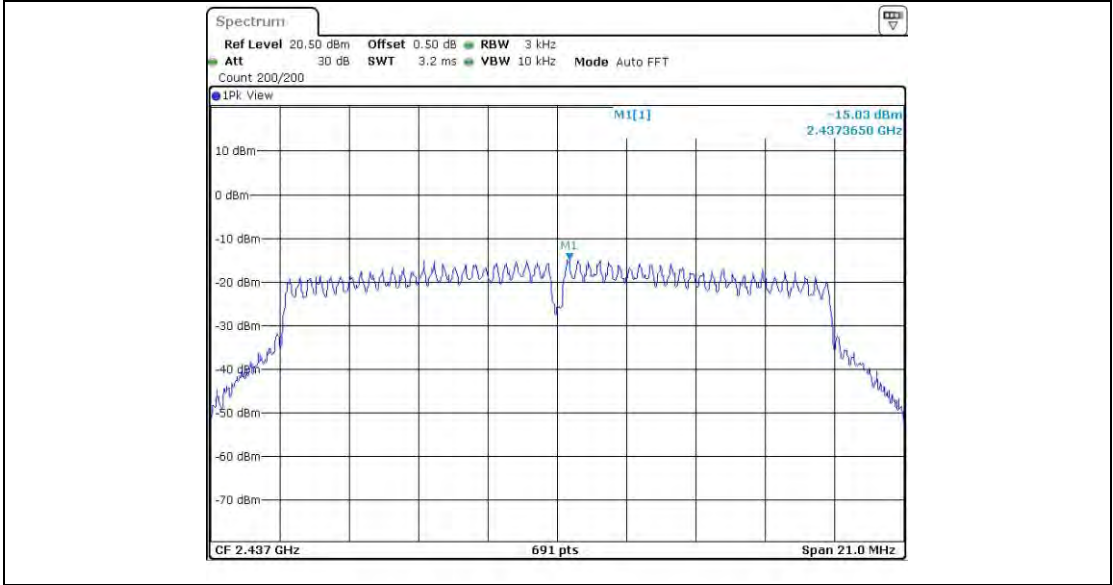


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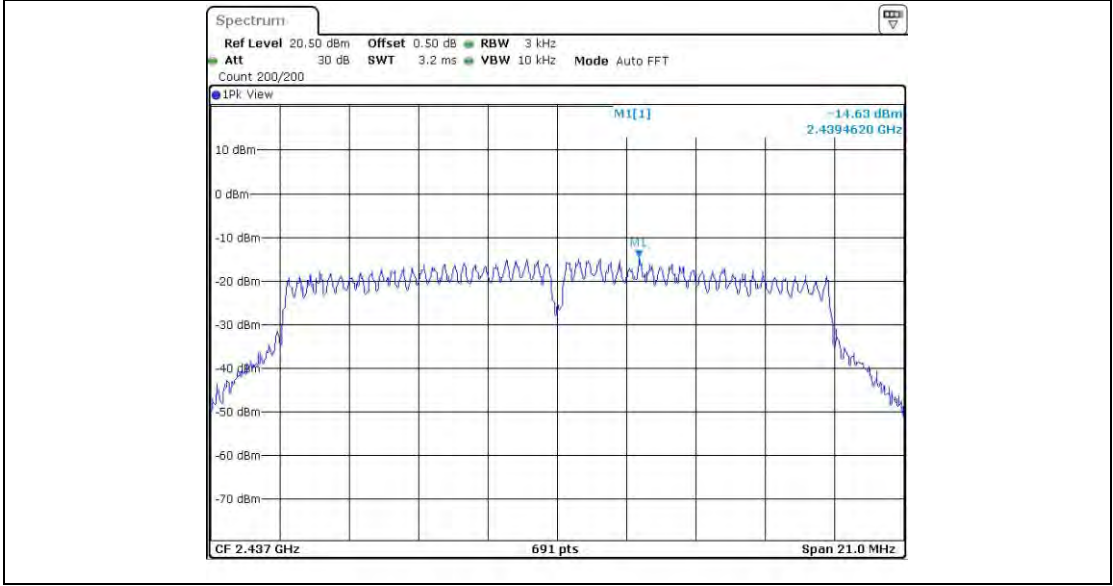


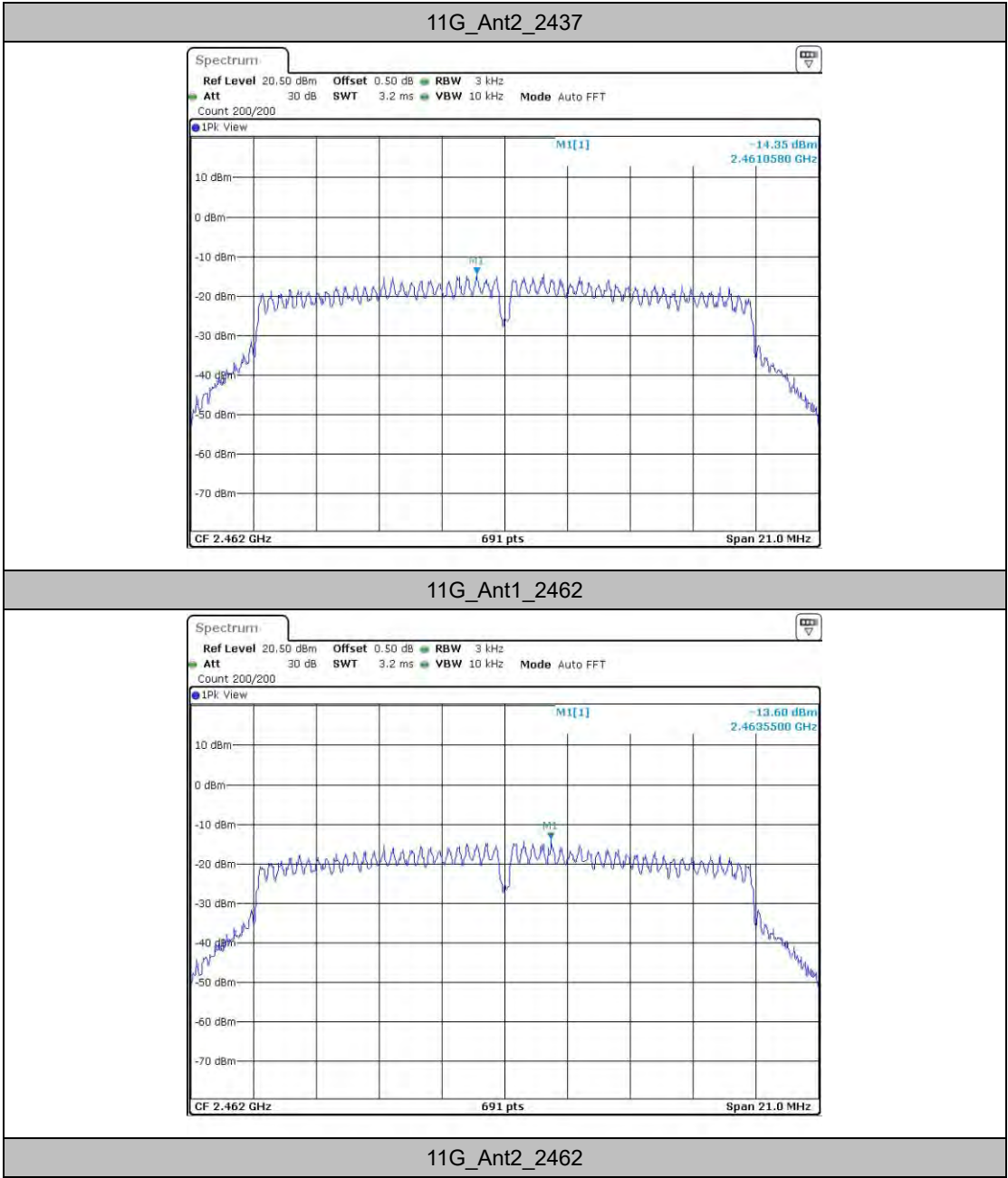


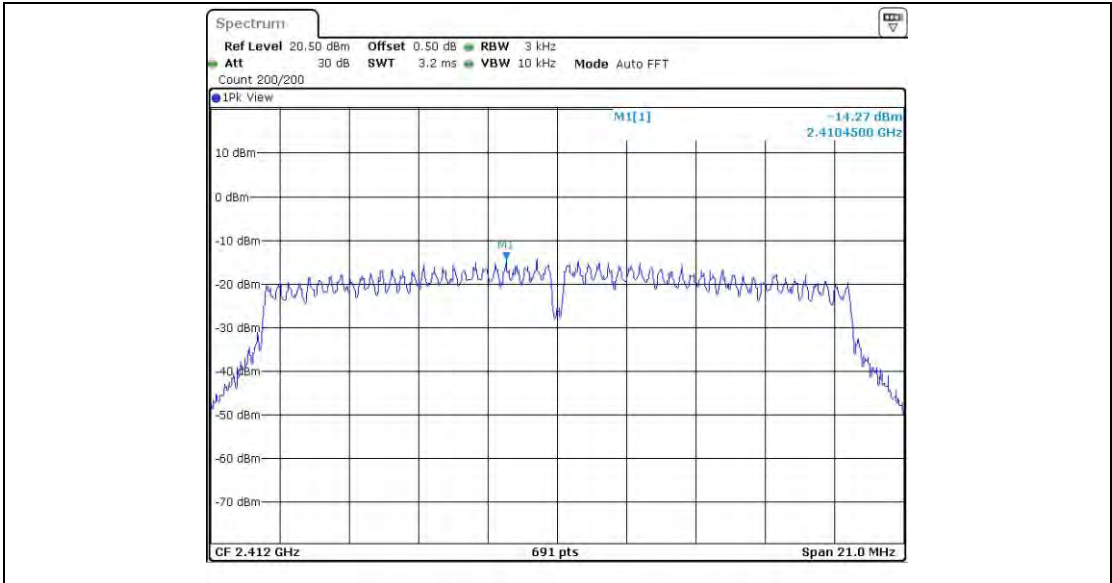
11G_Ant2_2412



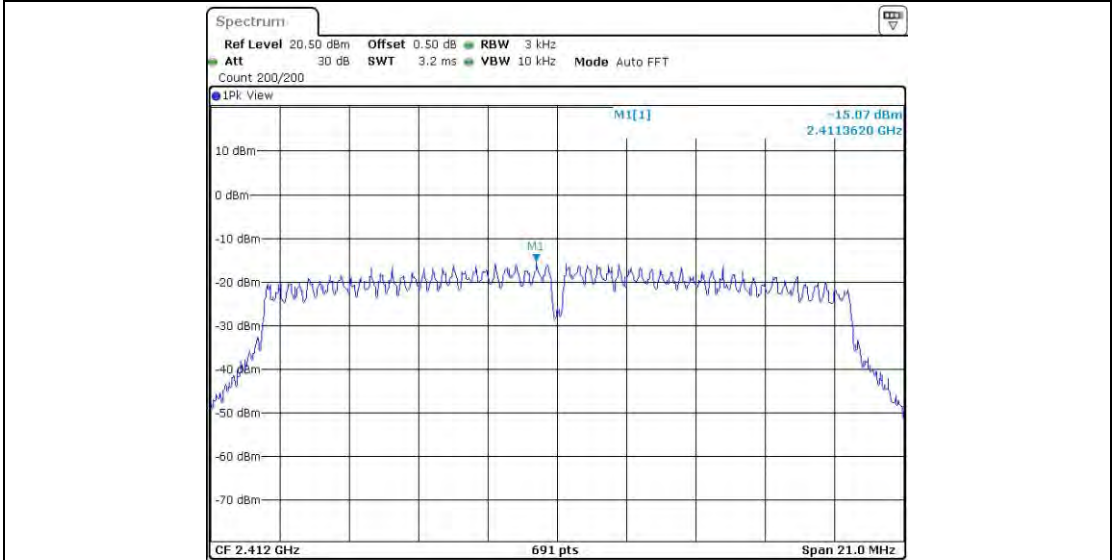
11G_Ant1_2437



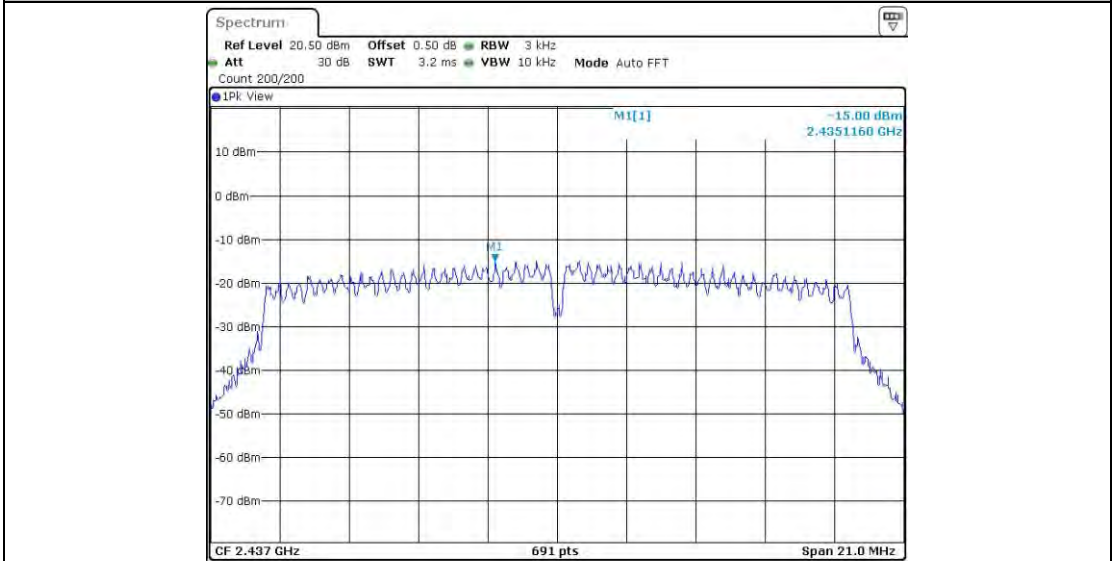




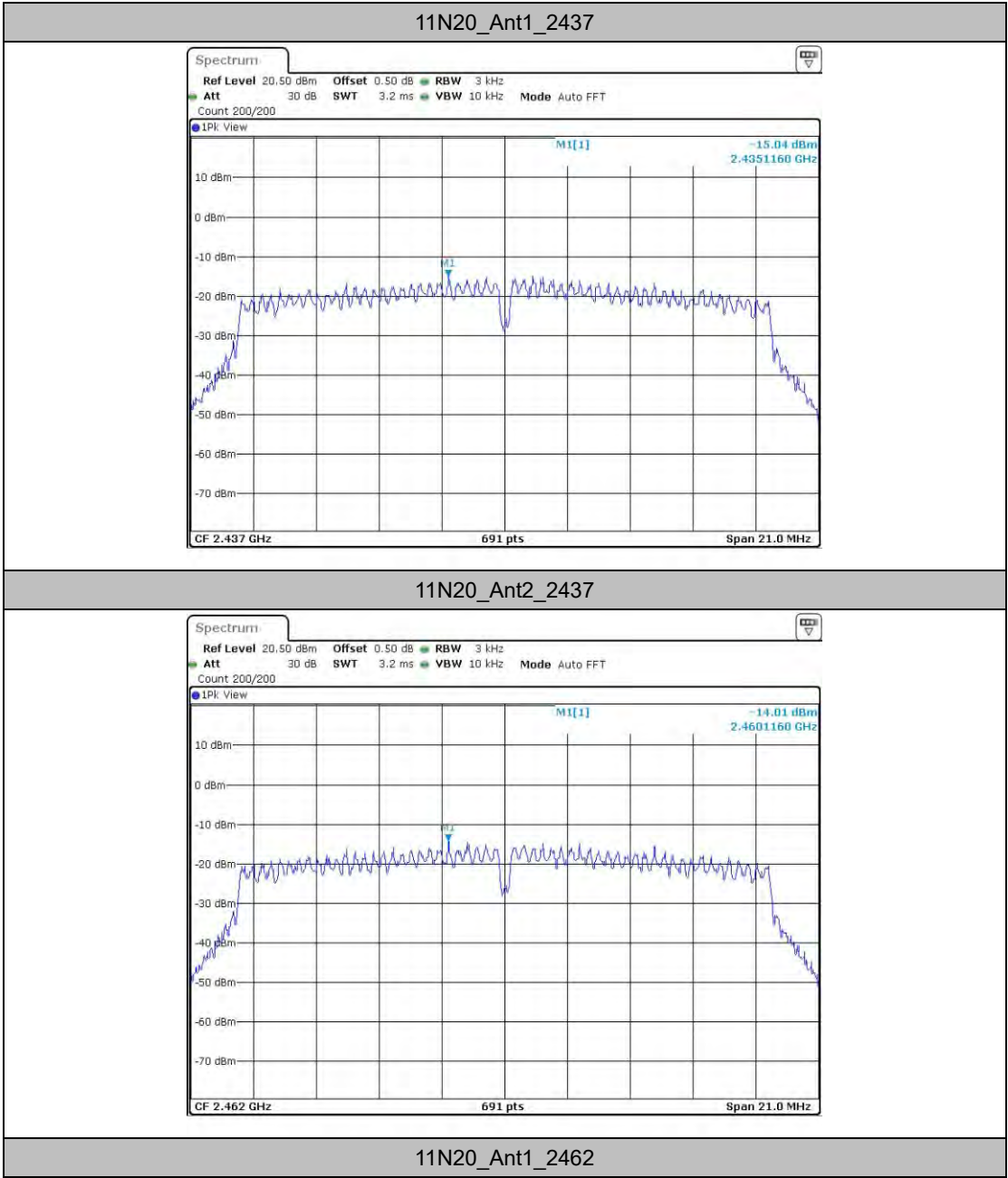
11N20_Ant1_2412

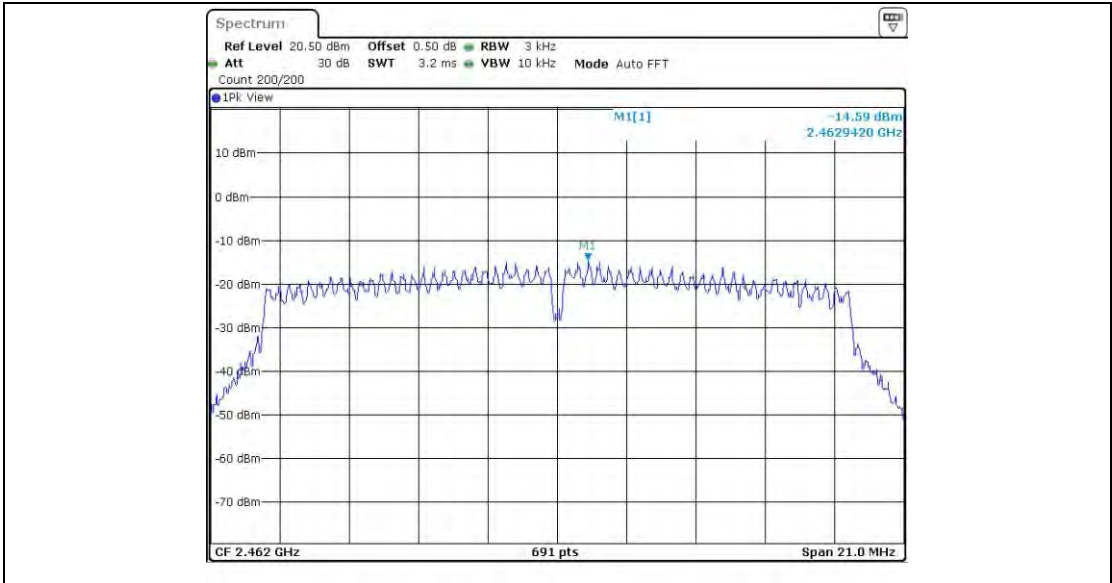


11N20_Ant2_2412

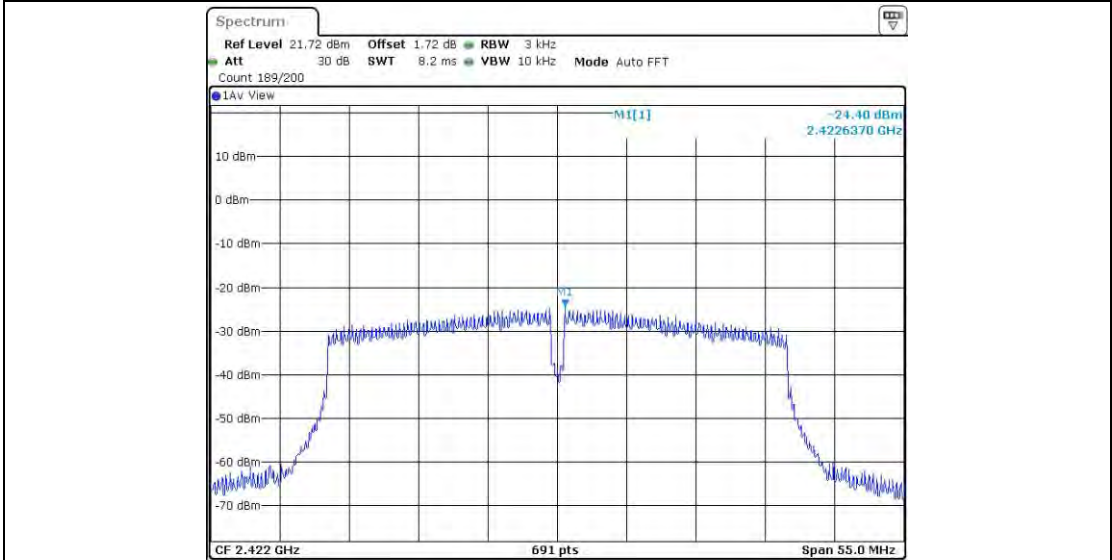


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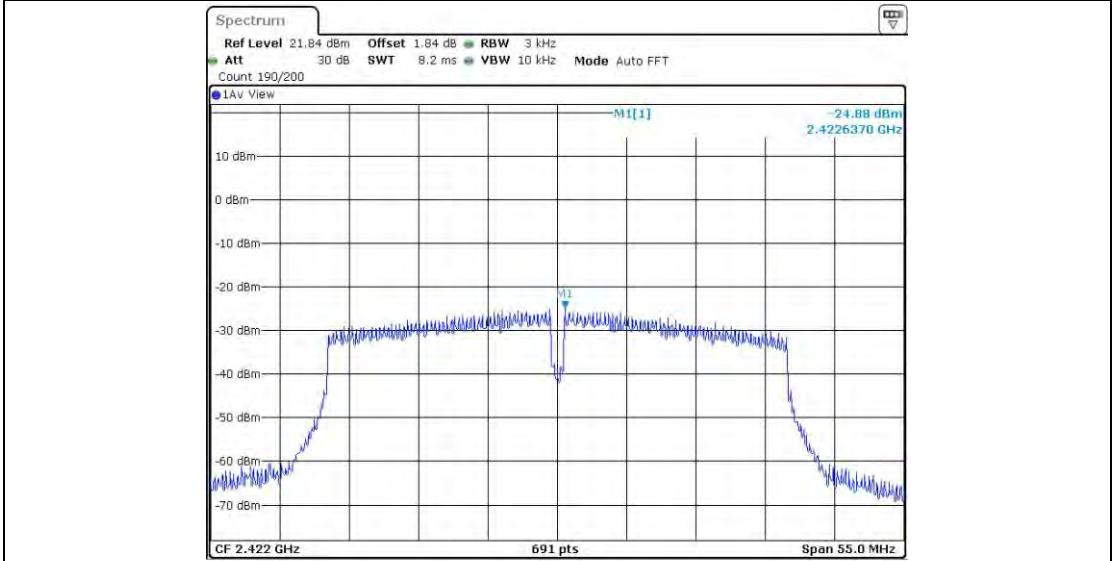




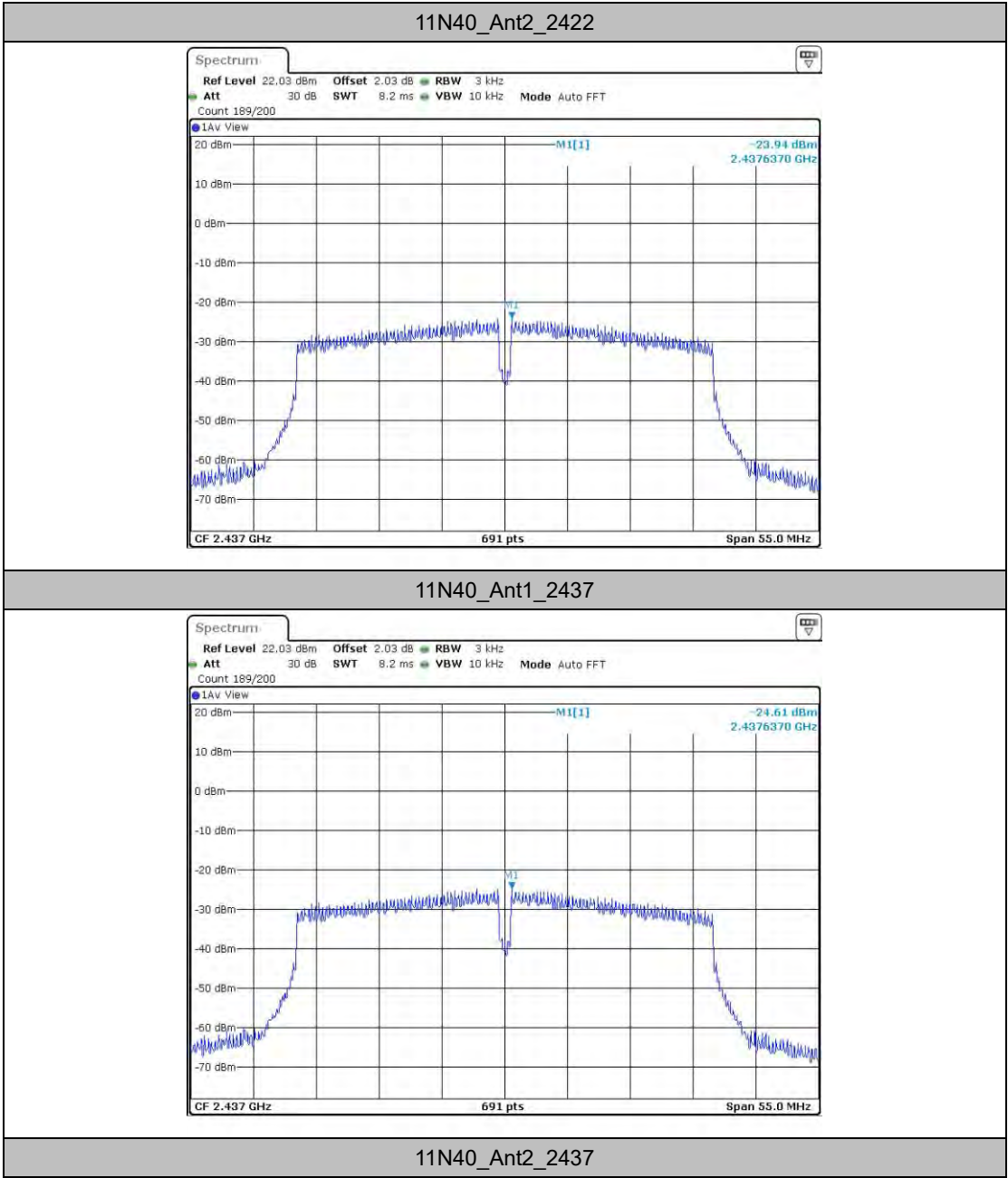
11N20_Ant2_2462



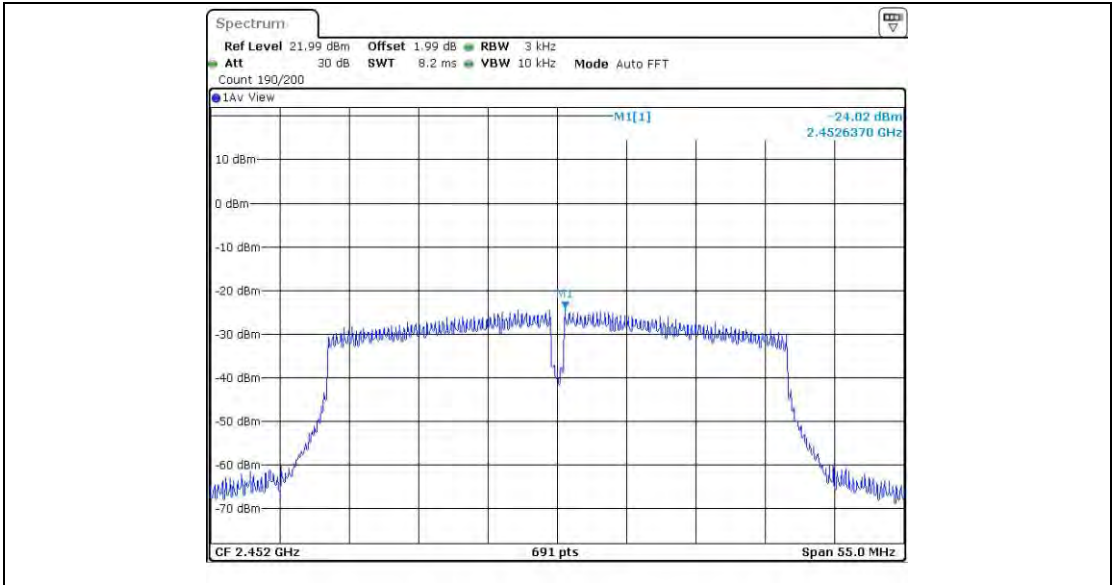
11N40_Ant1_2422



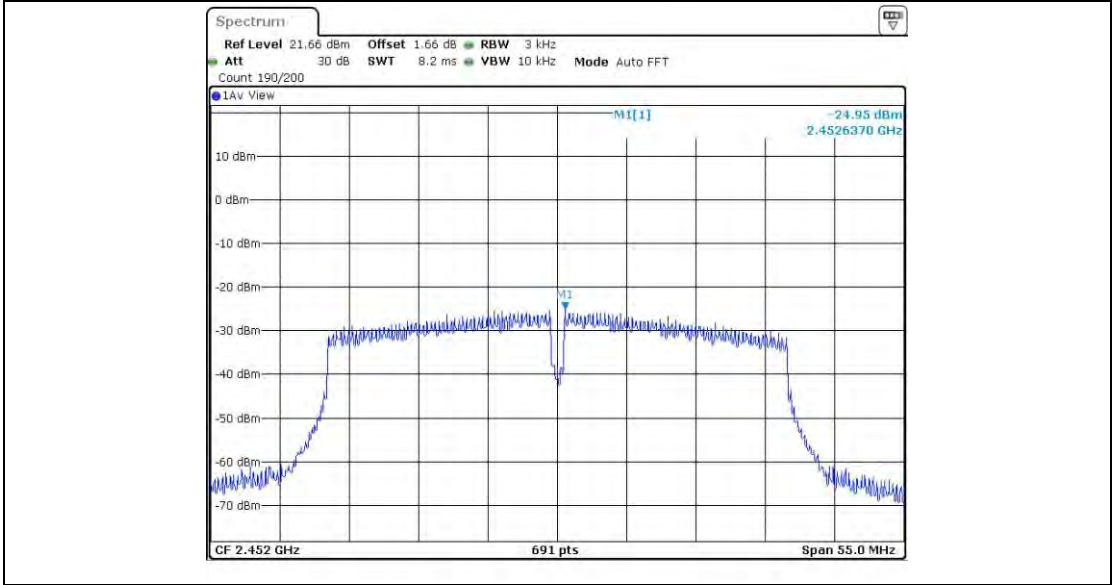
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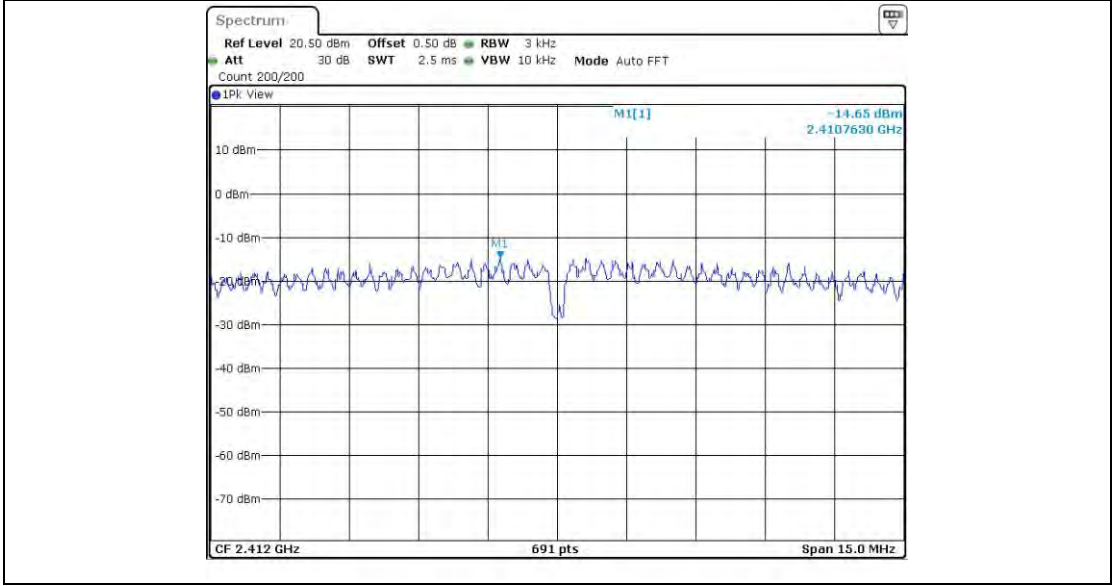
Appendix of 210204040SZN-002

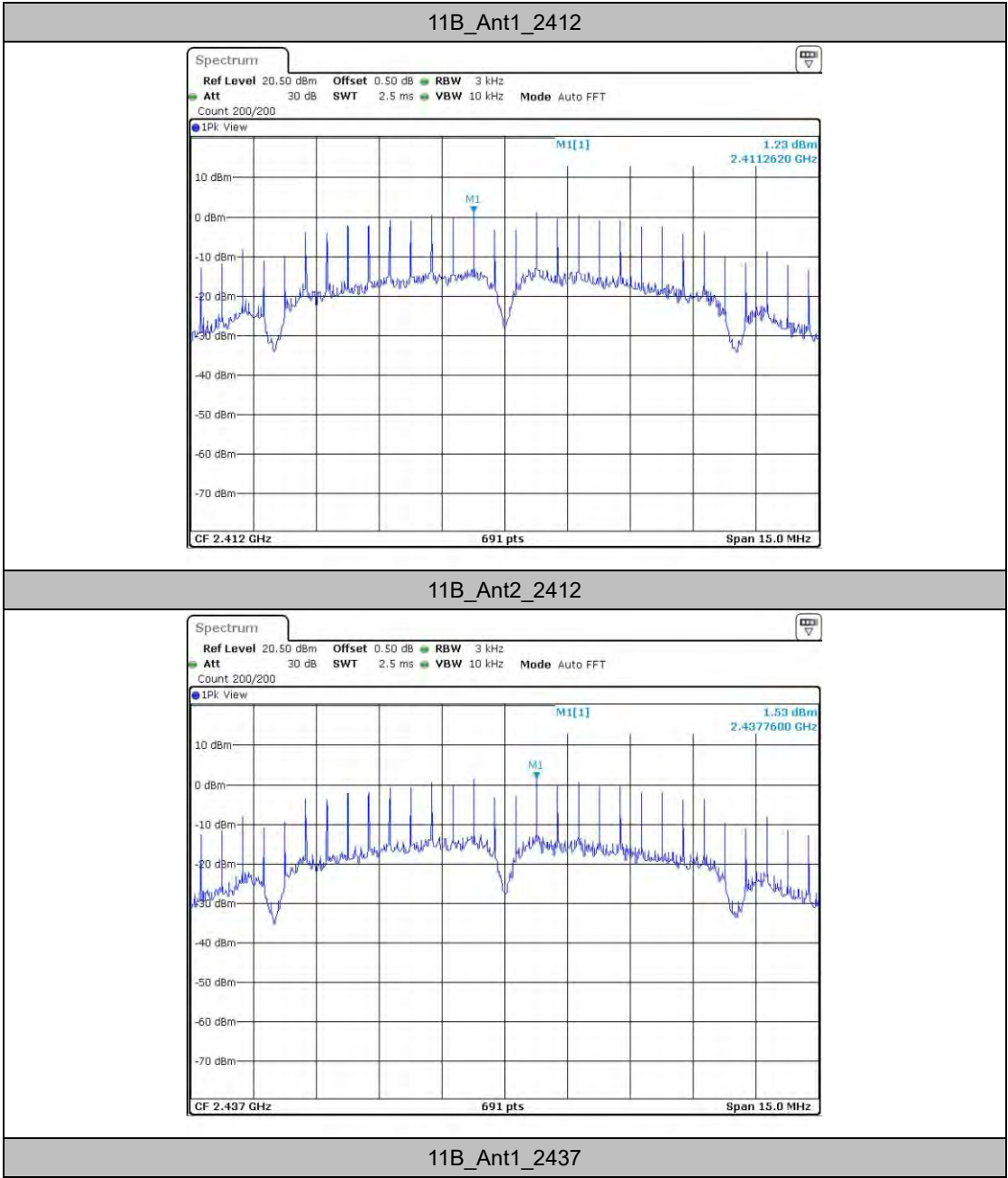


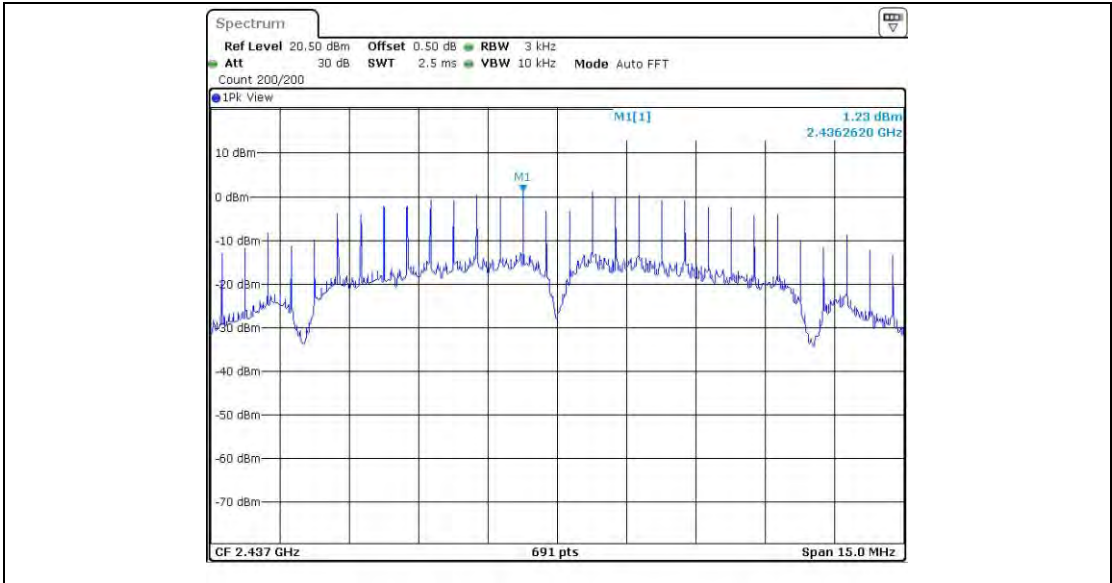
11N40_Ant1_2452



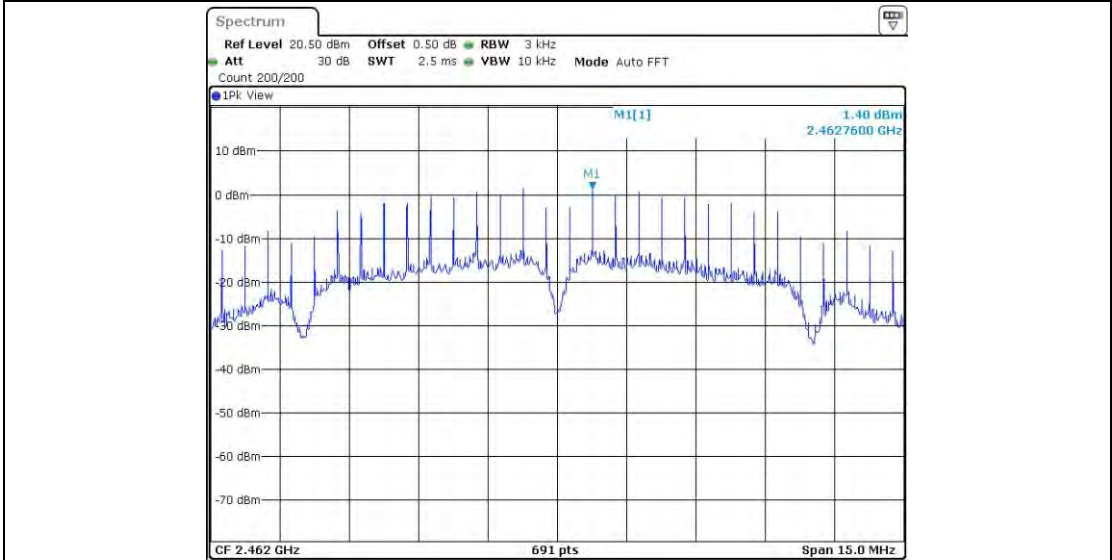
11N40_Ant2_2452



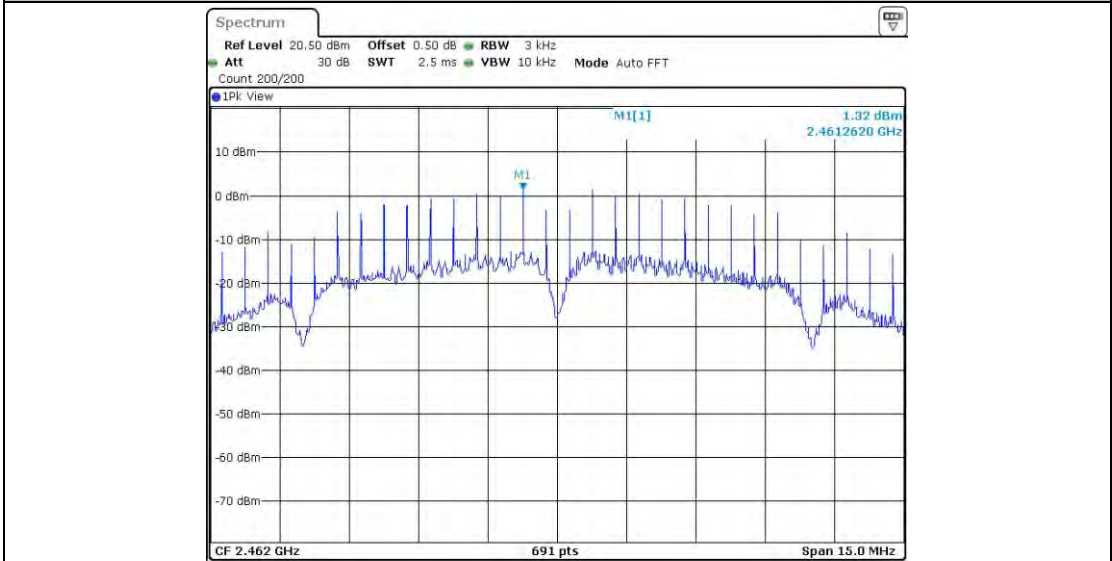


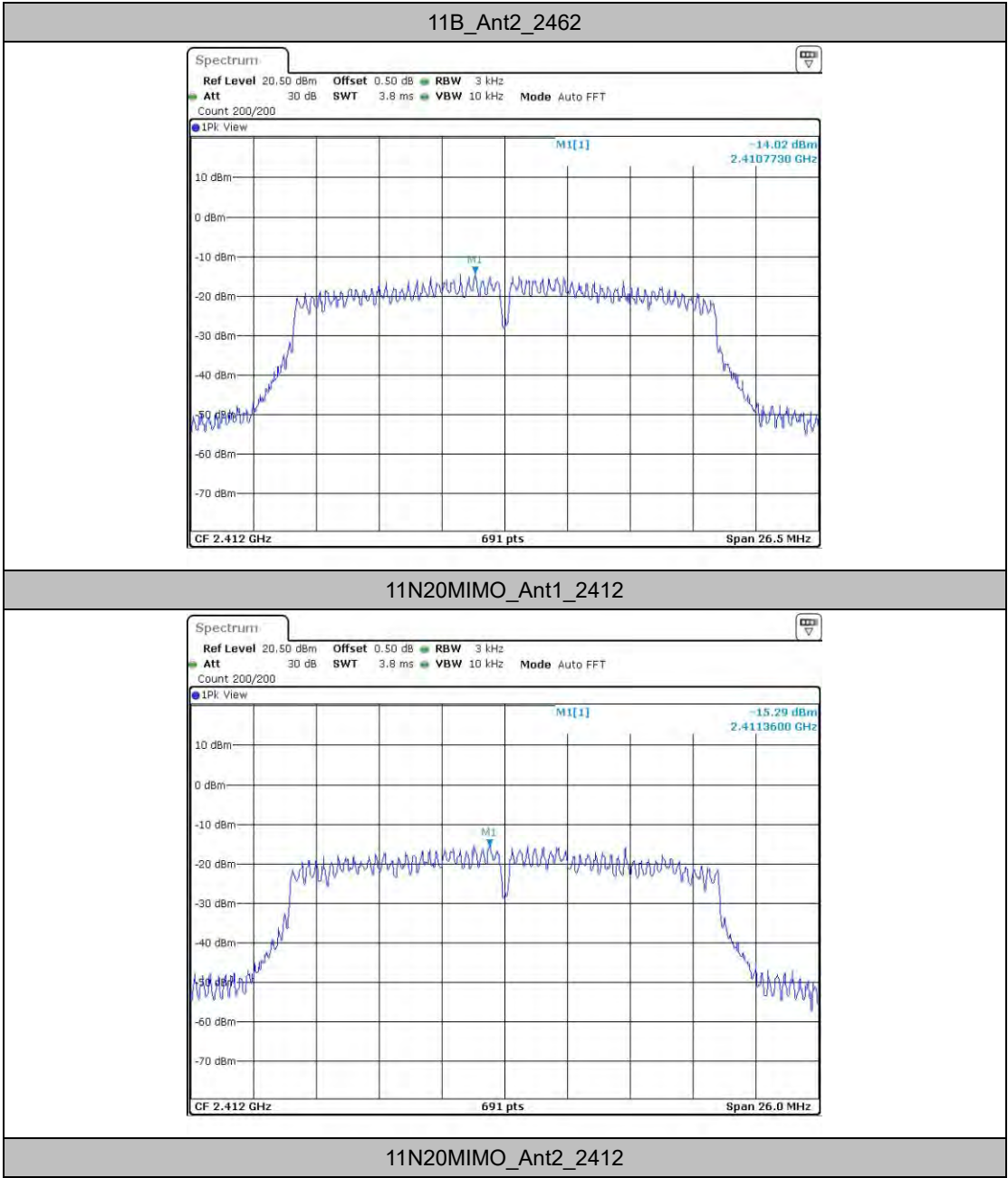


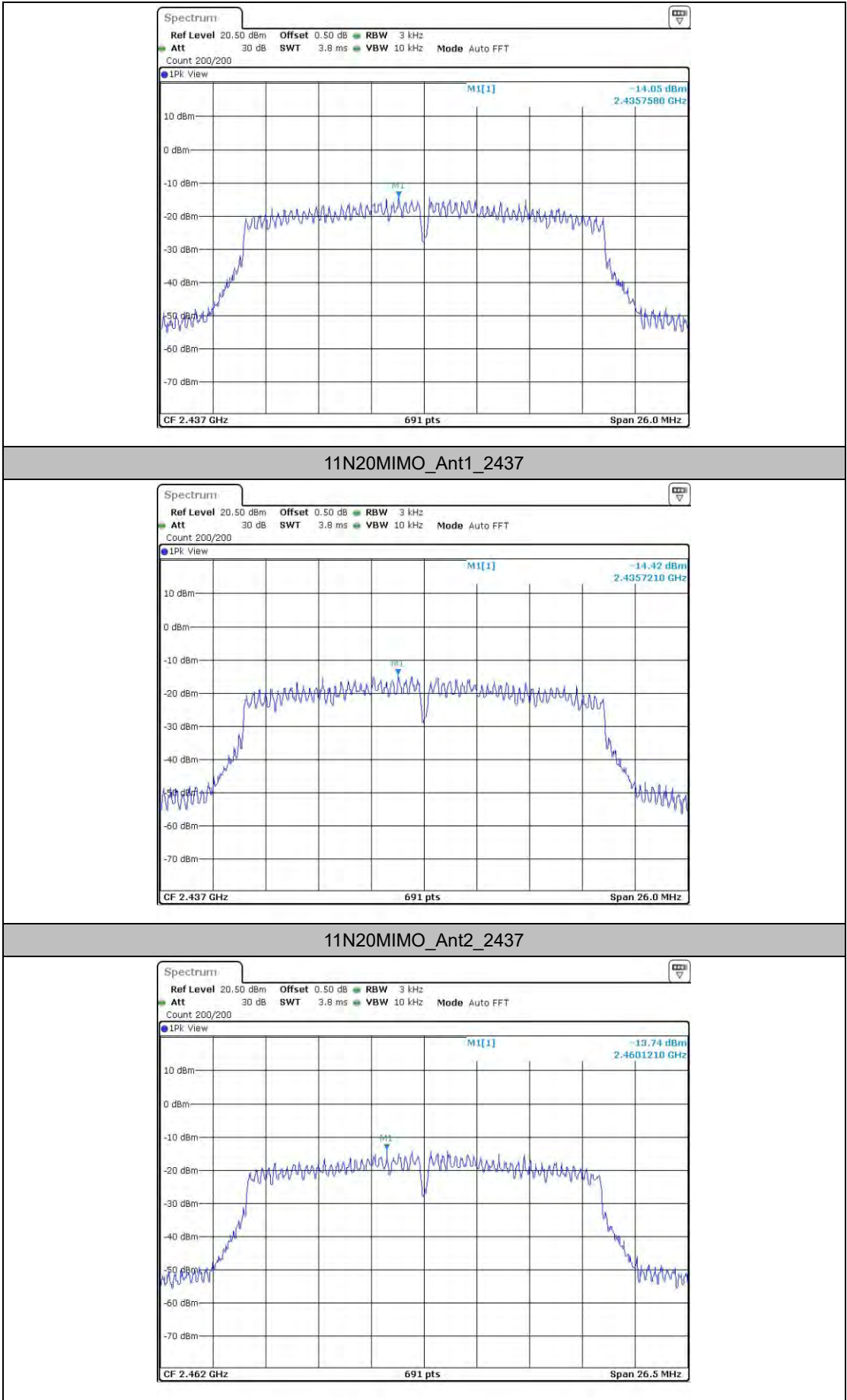
11B_Ant2_2437

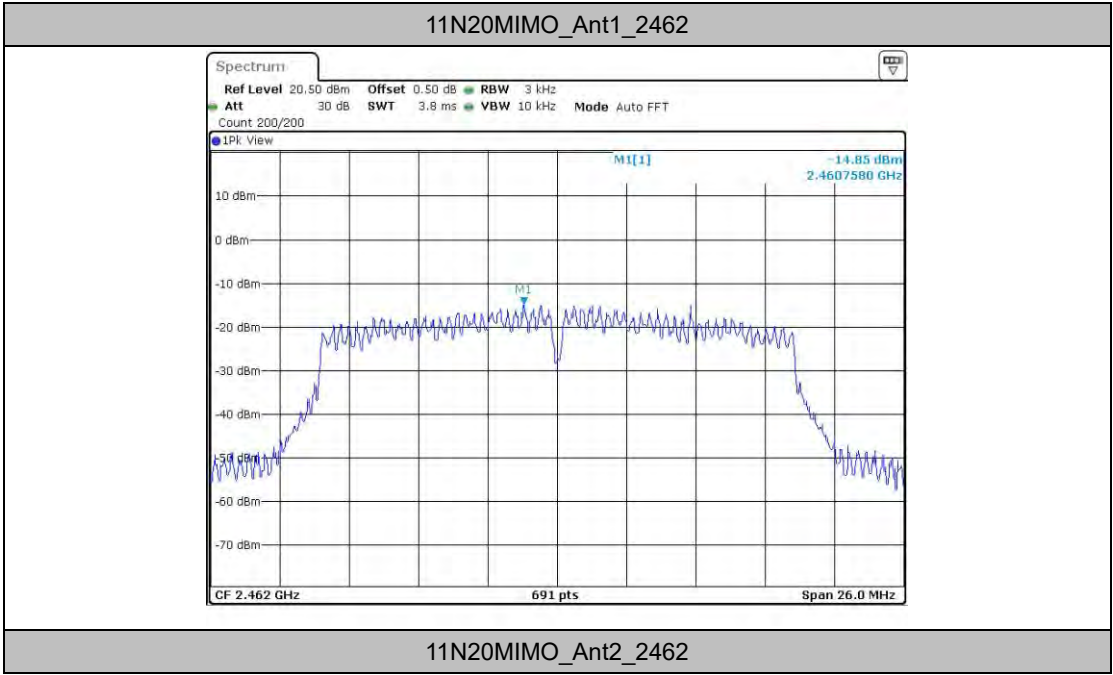


11B_Ant1_2462









Appendix D: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange	Max. Fre	Max. Level	Limit	Verdict
11N4OMIMO	Ant1	2422	Reference	-2.29	-2.29	---	PASS
			1~2400	-2.29	-39.34	<=- 22.29	PASS
			2483.5~25000	-2.29	-51.65	<=- 22.29	PASS
	Ant2	2422	Reference	-3.01	-3.01	---	PASS
			1~2400	-3.01	-41.06	<=- 23.01	PASS
			2483.5~25000	-3.01	-51.7	<=- 23.01	PASS
	Ant1	2437	Reference	-2.36	-2.36	---	PASS
			1~2400	-2.36	-49.67	<=- 22.36	PASS
			2483.5~25000	-2.36	-52.2	<=- 22.36	PASS
	Ant2	2437	Reference	-3.15	-3.15	---	PASS
			1~2400	-3.15	-47.92	<=- 23.15	PASS
			2483.5~25000	-3.15	-50.65	<=- 23.15	PASS
	Ant1	2452	Reference	-3.02	-3.02	---	PASS
			1~2400	-3.02	-50.76	<=- 23.02	PASS
			2483.5~25000	-3.02	-48.27	<=- 23.02	PASS
	Ant2	2452	Reference	-3.58	-3.58	---	PASS
			1~2400	-3.58	-48.75	<=- 23.58	PASS
			2483.5~25000	-3.58	-49.15	<=- 23.58	PASS
11G	Ant1	2412	Reference	1.21	1.21	---	PASS
			1~2400	1.21	-35.14	<=- 18.79	PASS
			2483.5~25000	1.21	-51	<=- 18.79	PASS
	Ant2	2412	Reference	1.15	1.15	---	PASS
			1~2400	1.15	-34.34	<=- 18.85	PASS

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			2483.5~25000	1.15	-50.89	<= -18.85	PASS
	Ant1	2437	Reference	1.26	1.26	---	PASS
			1~2400	1.26	-53.77	<= -18.74	PASS
			2483.5~25000	1.26	-51.54	<= -18.74	PASS
	Ant2	2437	Reference	1.19	1.19	---	PASS
			1~2400	1.19	-51.34	<= -18.81	PASS
			2483.5~25000	1.19	-51.97	<= -18.81	PASS
	Ant1	2462	Reference	1.21	1.21	---	PASS
			1~2400	1.21	-54.19	<= -18.79	PASS
			2483.5~25000	1.21	-51.99	<= -18.79	PASS
	Ant2	2462	Reference	1.09	1.09	---	PASS
			1~2400	1.09	-54.05	<= -18.91	PASS
			2483.5~25000	1.09	-51.19	<= -18.91	PASS
11N20	Ant1	2412	Reference	1.15	1.15	---	PASS
			1~2400	1.15	-36.83	<= -18.85	PASS
			2483.5~25000	1.15	-52.22	<= -18.85	PASS
	Ant2	2412	Reference	0.62	0.62	---	PASS
			1~2400	0.62	-35.86	<= -19.38	PASS
			2483.5~25000	0.62	-51.77	<= -19.38	PASS
	Ant1	2437	Reference	1.28	1.28	---	PASS
			1~2400	1.28	-52.64	<= -18.72	PASS
			2483.5~25000	1.28	-52.2	<= -18.72	PASS
	Ant2	2437	Reference	0.41	0.41	---	PASS
			1~2400	0.41	-52.62	<= -19.59	PASS
			2483.5~25000	0.41	-51.82	<= -19.59	PASS
	Ant1	2462	Reference	1.21	1.21	---	PASS

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			1~2400	1.21	-53.08	<= -18.79	PASS
			2483.5~25000	1.21	-51.77	<= -18.79	PASS
	Ant2	2462	Reference	0.85	0.85	---	PASS
			1~2400	0.85	-54.57	<= -19.15	PASS
			2483.5~25000	0.85	-51.94	<= -19.15	PASS
11N40	Ant1	2422	Reference	-2.69	-2.69	---	PASS
			1~2400	-2.69	-40.33	<= -22.69	PASS
			2483.5~25000	-2.69	-51	<= -22.69	PASS
	Ant2	2422	Reference	-3.46	-3.46	---	PASS
			1~2400	-3.46	-39.69	<= -23.46	PASS
			2483.5~25000	-3.46	-51.48	<= -23.46	PASS
	Ant1	2437	Reference	-1.97	-1.97	---	PASS
			1~2400	-1.97	-50.1	<= -21.97	PASS
			2483.5~25000	-1.97	-52.03	<= -21.97	PASS
	Ant2	2437	Reference	-2.51	-2.51	---	PASS
			1~2400	-2.51	-48.75	<= -22.51	PASS
			2483.5~25000	-2.51	-51.96	<= -22.51	PASS
	Ant1	2452	Reference	-2.58	-2.58	---	PASS
			1~2400	-2.58	-49.79	<= -22.58	PASS
			2483.5~25000	-2.58	-47.74	<= -22.58	PASS
	Ant2	2452	Reference	-2.57	-2.57	---	PASS
			1~2400	-2.57	-53.53	<= -22.57	PASS
			2483.5~25000	-2.57	-48.25	<= -22.57	PASS
11B	Ant1	2412	Reference	1.10	1.10	---	PASS
			1~2400	1.10	-33.24	<= -18.9	PASS
			2483.5~25000	1.10	-51.75	<= -	PASS

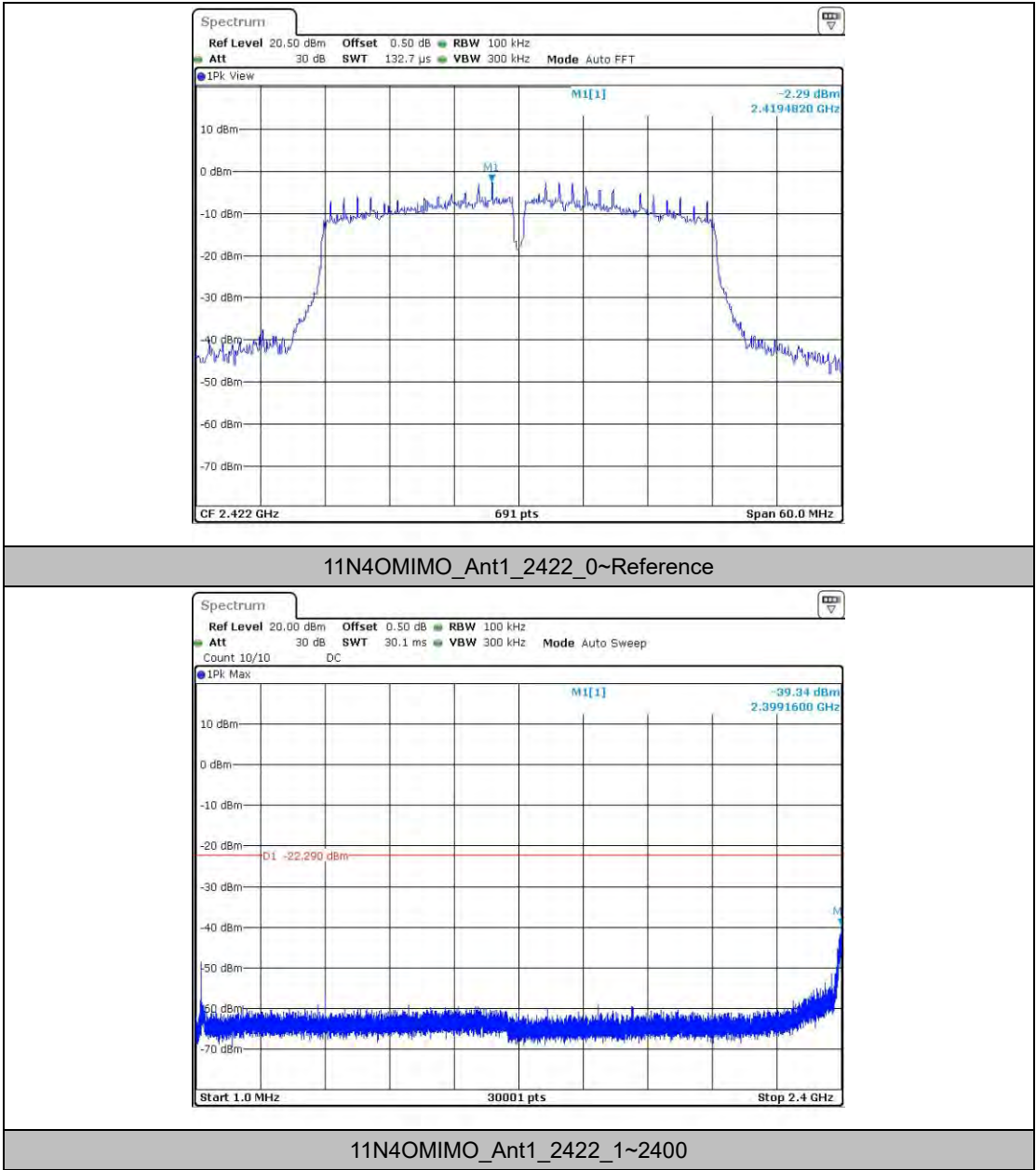
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						18.9	
	Ant2	2412	Reference	2.11	2.11	---	PASS
			1~2400	2.11	-44.42	<= -17.89	PASS
			2483.5~25000	2.11	-51.49	<= -17.89	PASS
	Ant1	2437	Reference	2.44	2.44	---	PASS
			1~2400	2.44	-57.62	<= -17.56	PASS
			2483.5~25000	2.44	-50.54	<= -17.56	PASS
	Ant2	2437	Reference	2.07	2.07	---	PASS
			1~2400	2.07	-55.47	<= -17.93	PASS
			2483.5~25000	2.07	-51.35	<= -17.93	PASS
	Ant1	2462	Reference	2.30	2.30	---	PASS
			1~2400	2.30	-58.55	<= -17.7	PASS
			2483.5~25000	2.30	-51.84	<= -17.7	PASS
	Ant2	2462	Reference	2.16	2.16	---	PASS
			1~2400	2.16	-58.01	<= -17.84	PASS
			2483.5~25000	2.16	-51.28	<= -17.84	PASS
11N20MIMO	Ant1	2412	Reference	1.22	1.22	---	PASS
			1~2400	1.22	-36.43	<= -18.78	PASS
			2483.5~25000	1.22	-51.65	<= -18.78	PASS
	Ant2	2412	Reference	0.67	0.67	---	PASS
			1~2400	0.67	-35.4	<= -19.33	PASS
			2483.5~25000	0.67	-51.15	<= -19.33	PASS
	Ant1	2437	Reference	1.08	1.08	---	PASS
			1~2400	1.08	-53.71	<= -18.92	PASS
			2483.5~25000	1.08	-51.39	<= -18.92	PASS
	Ant2	2437	Reference	0.46	0.46	---	PASS
			1~2400	0.46	-53.65	<= -	PASS

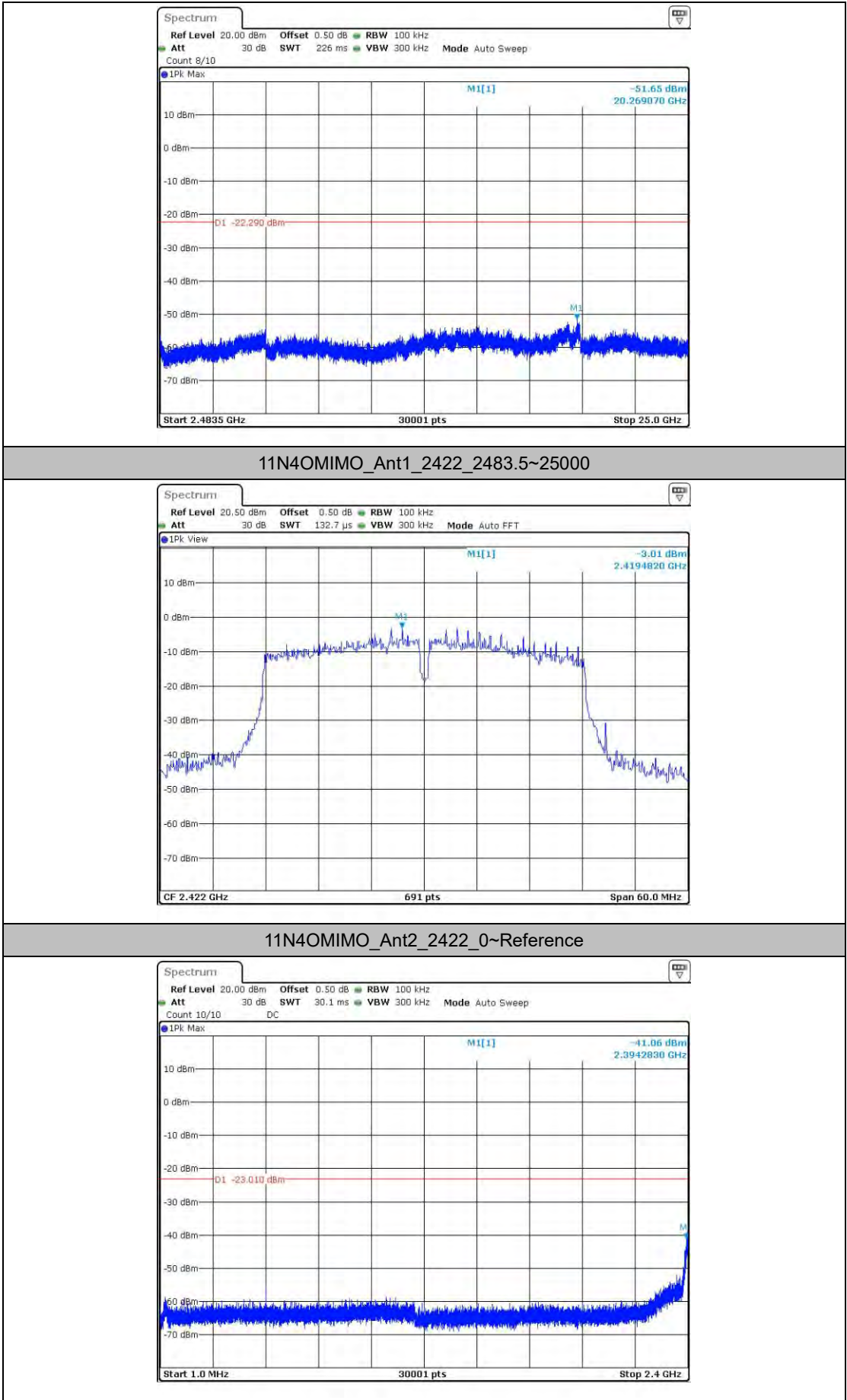
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						19.54	
			2483.5~25000	0.46	-51.89	<=- 19.54	PASS
	Ant1	2462	Reference	-0.19	-0.19	---	PASS
			1~2400	-0.19	-55.43	<=- 20.19	PASS
			2483.5~25000	-0.19	-49.74	<=- 20.19	PASS
	Ant2	2462	Reference	0.93	0.93	---	PASS
			1~2400	0.93	-54.12	<=- 19.07	PASS
			2483.5~25000	0.93	-51.69	<=- 19.07	PASS

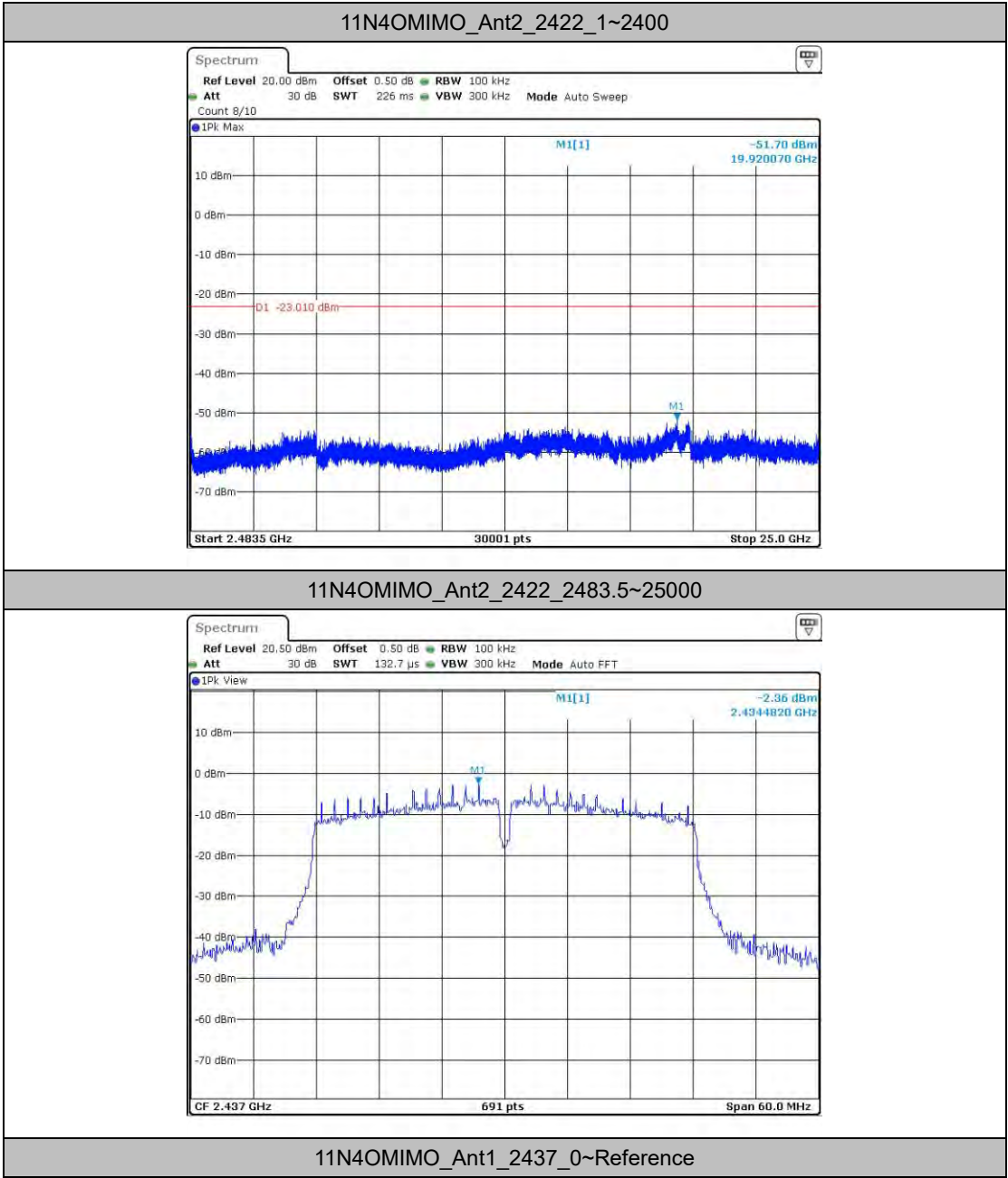
Test Graphs



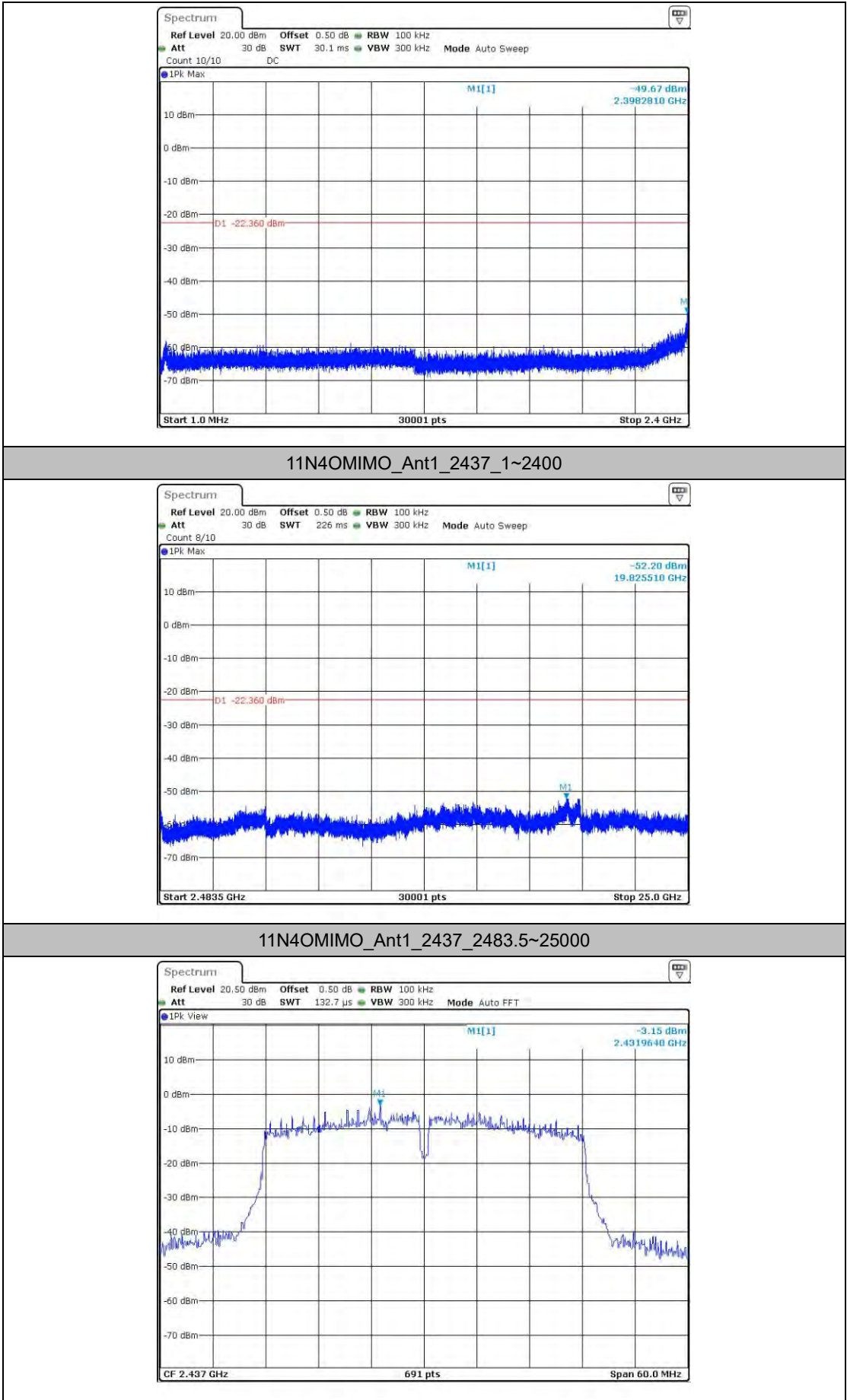
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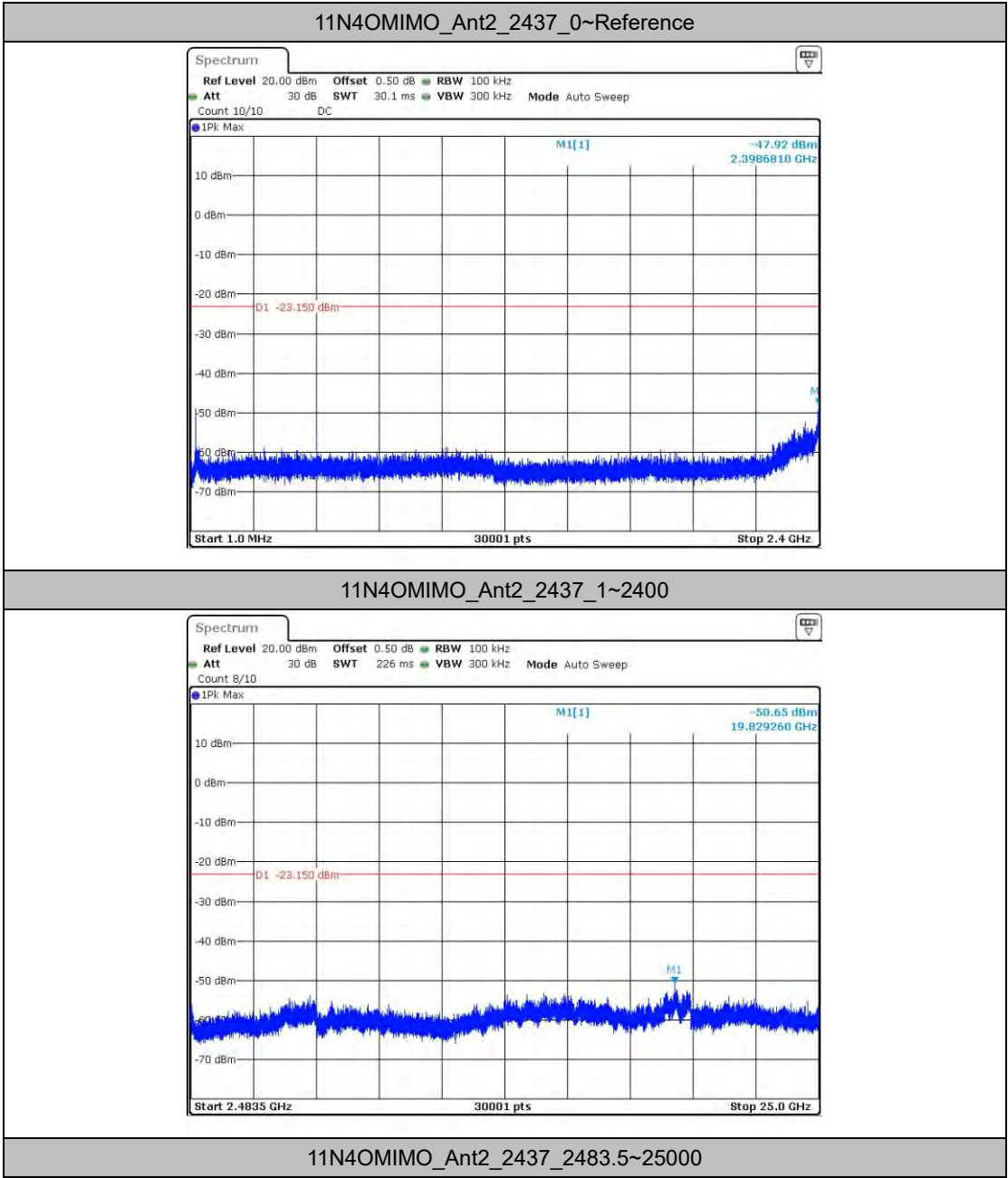
Appendix of 210204040SZN-002

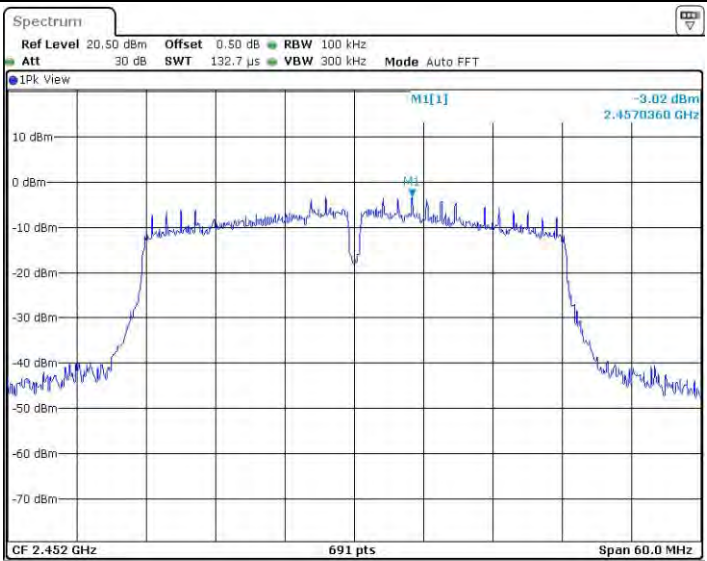


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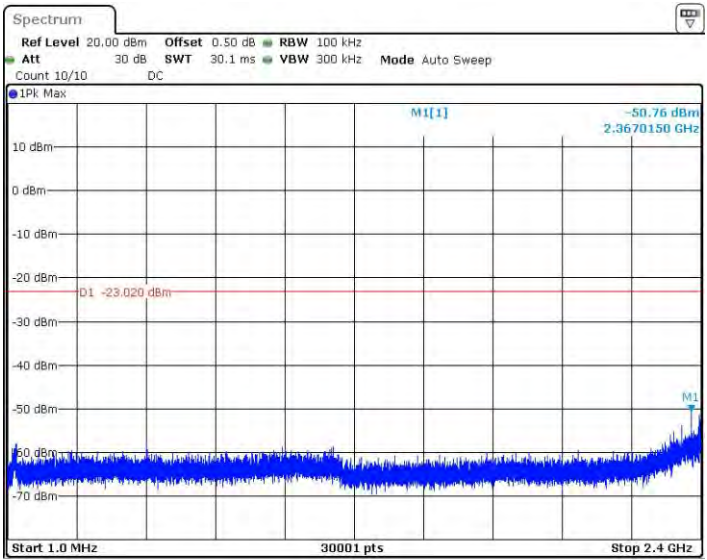


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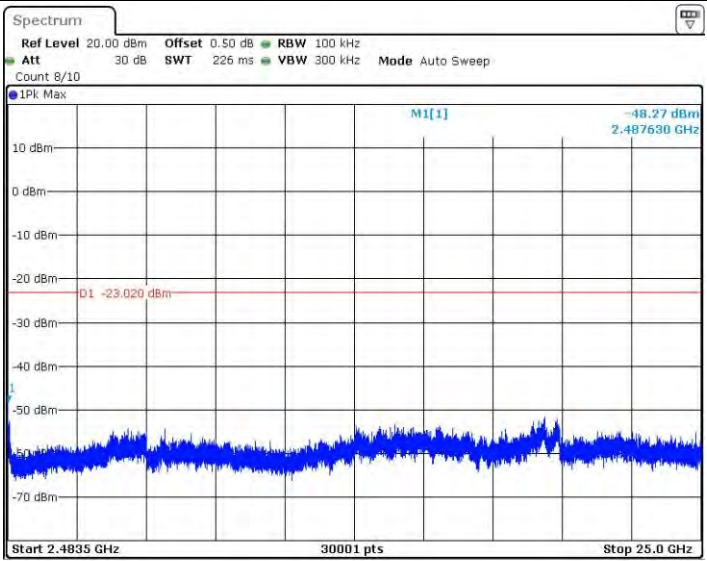




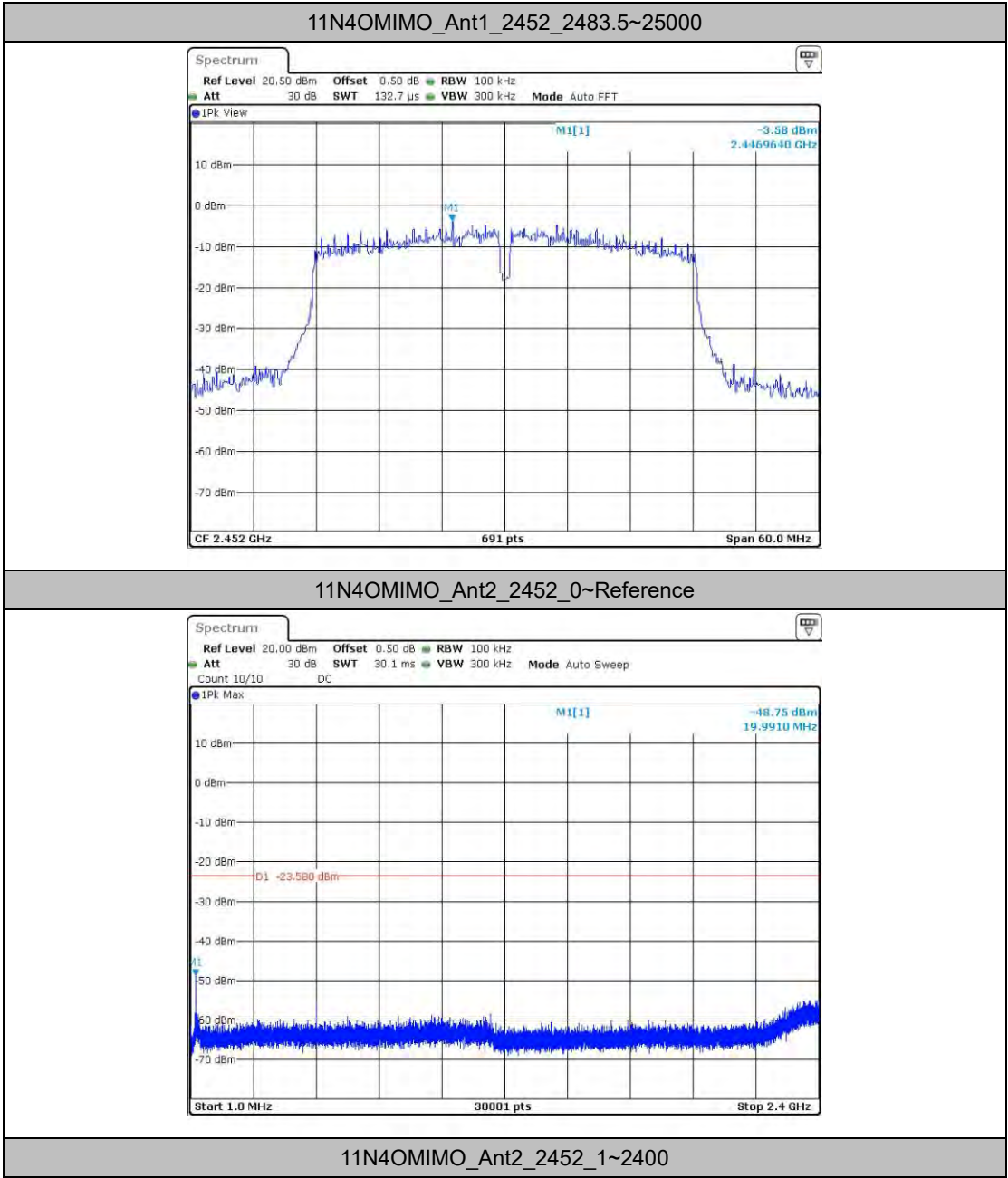
11N4OMIMO_Ant1_2452_0~Reference



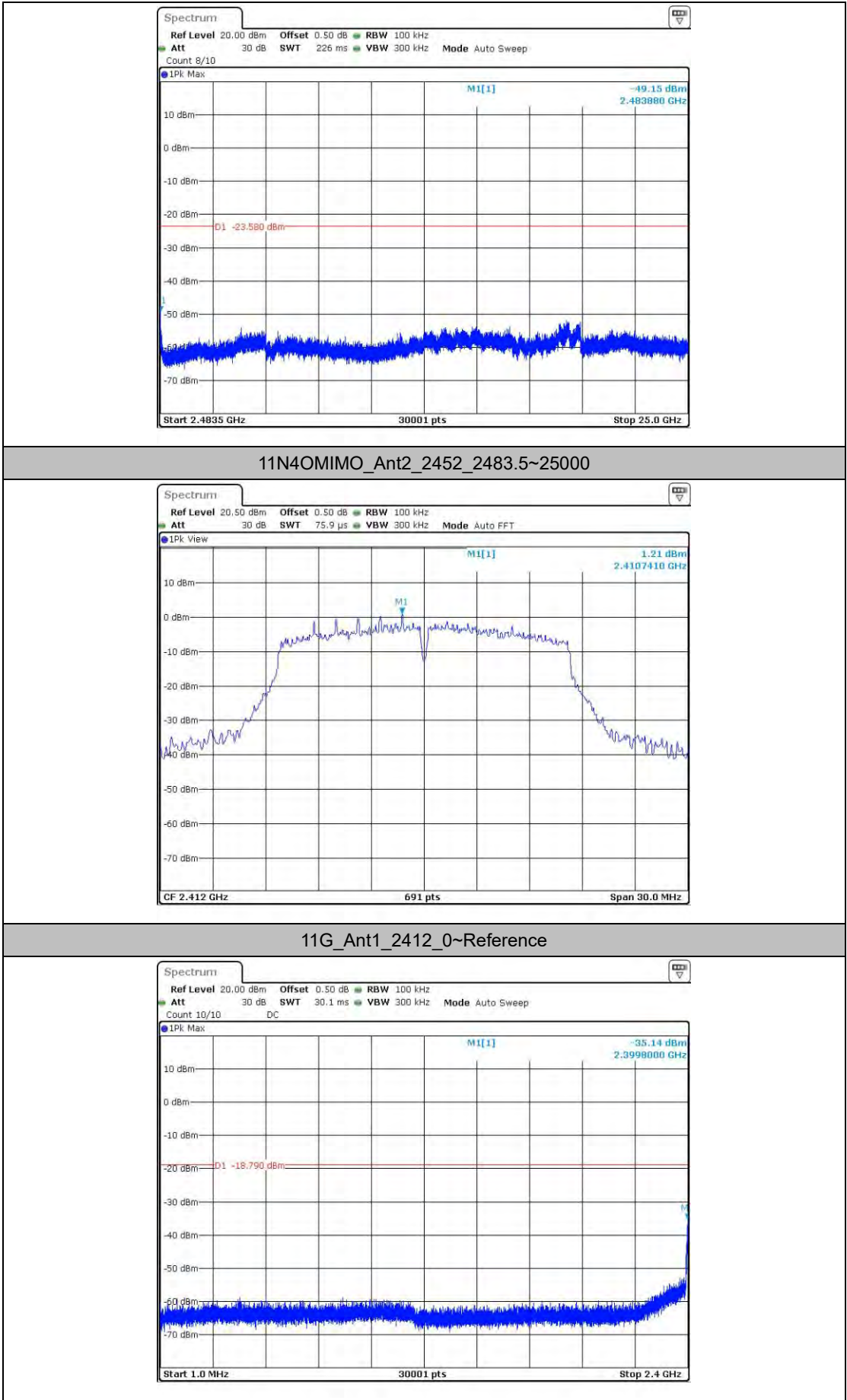
11N4OMIMO_Ant1_2452_1~2400



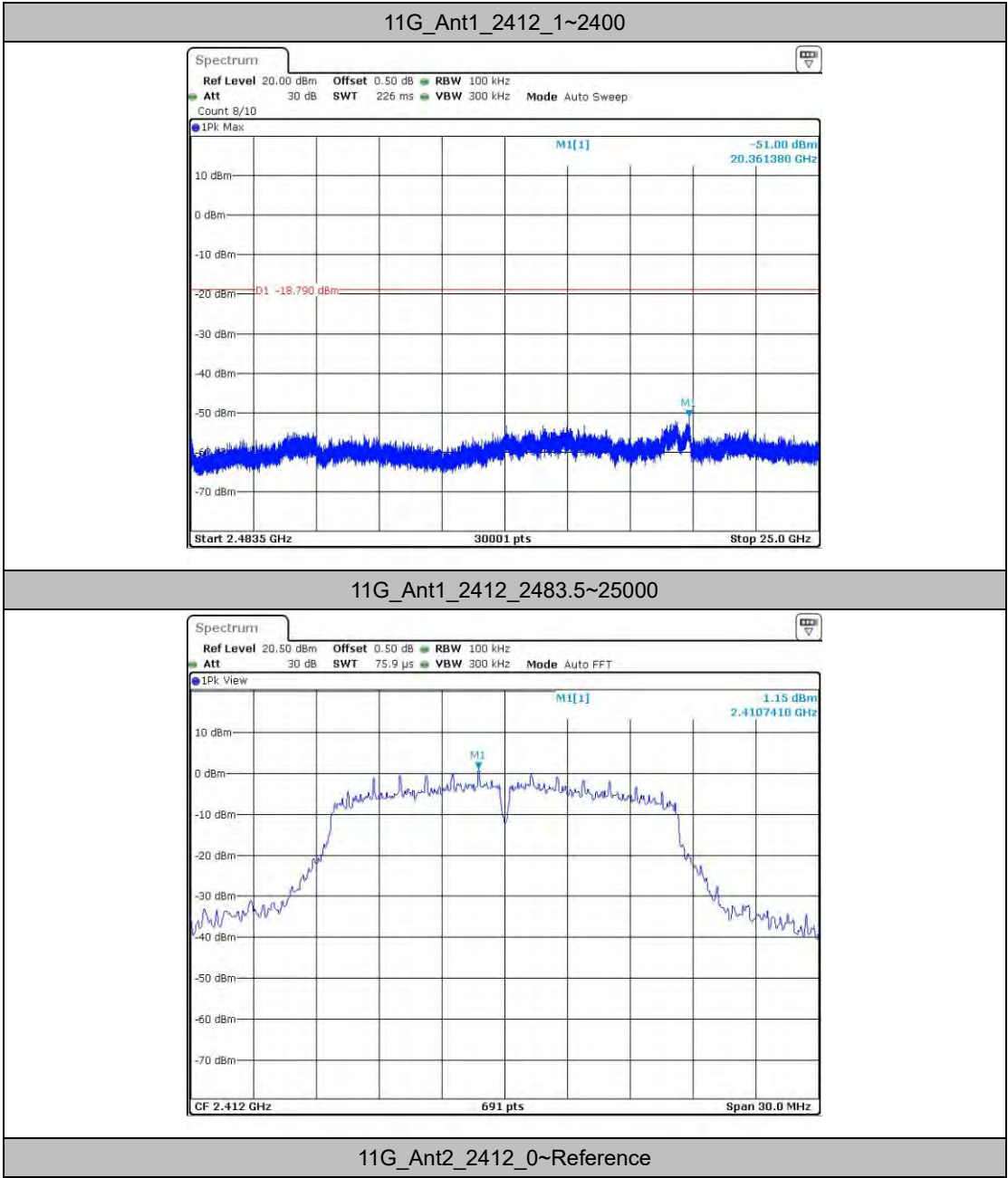
Appendix of 210204040SZN-002



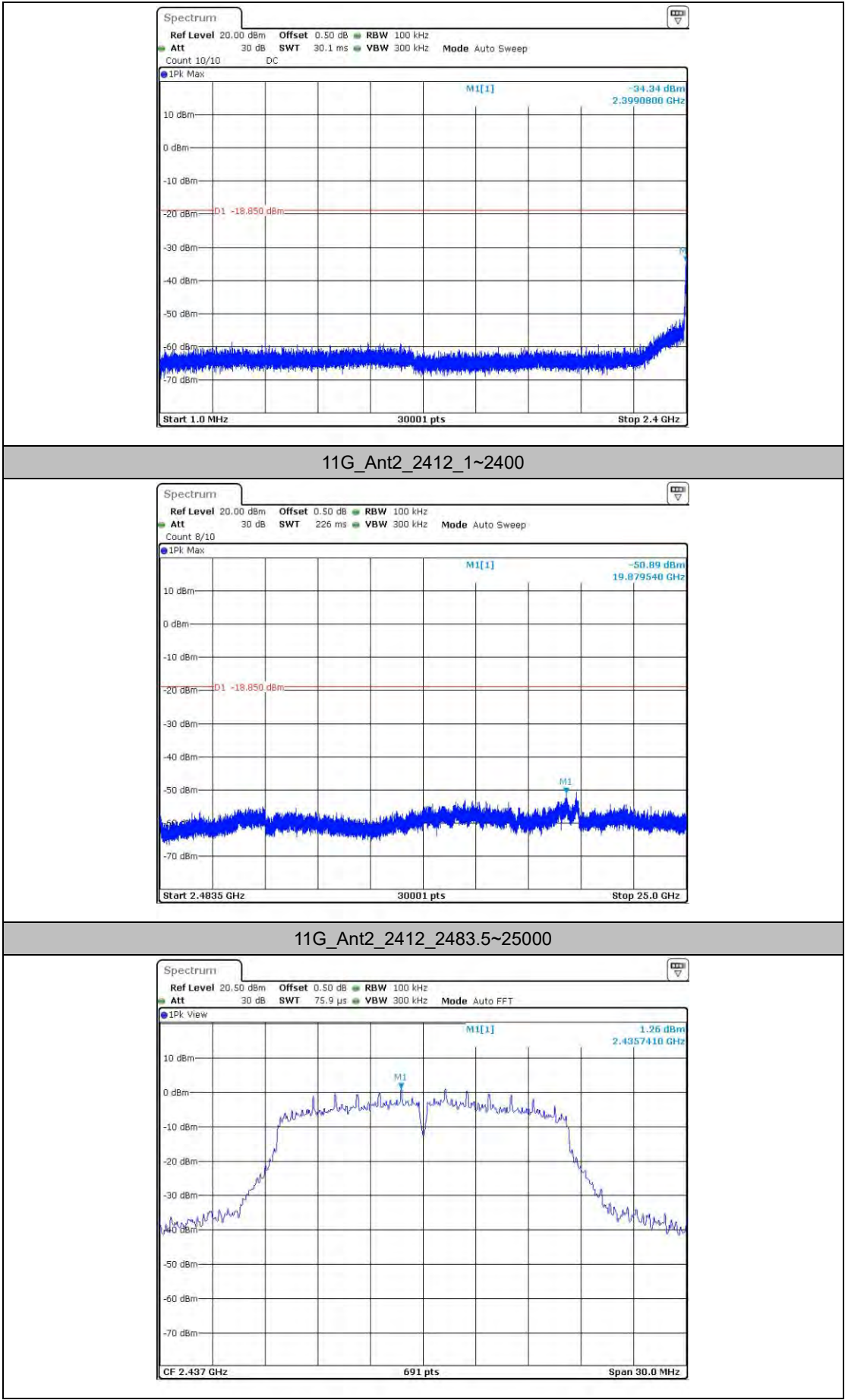
Appendix of 210204040SZN-002



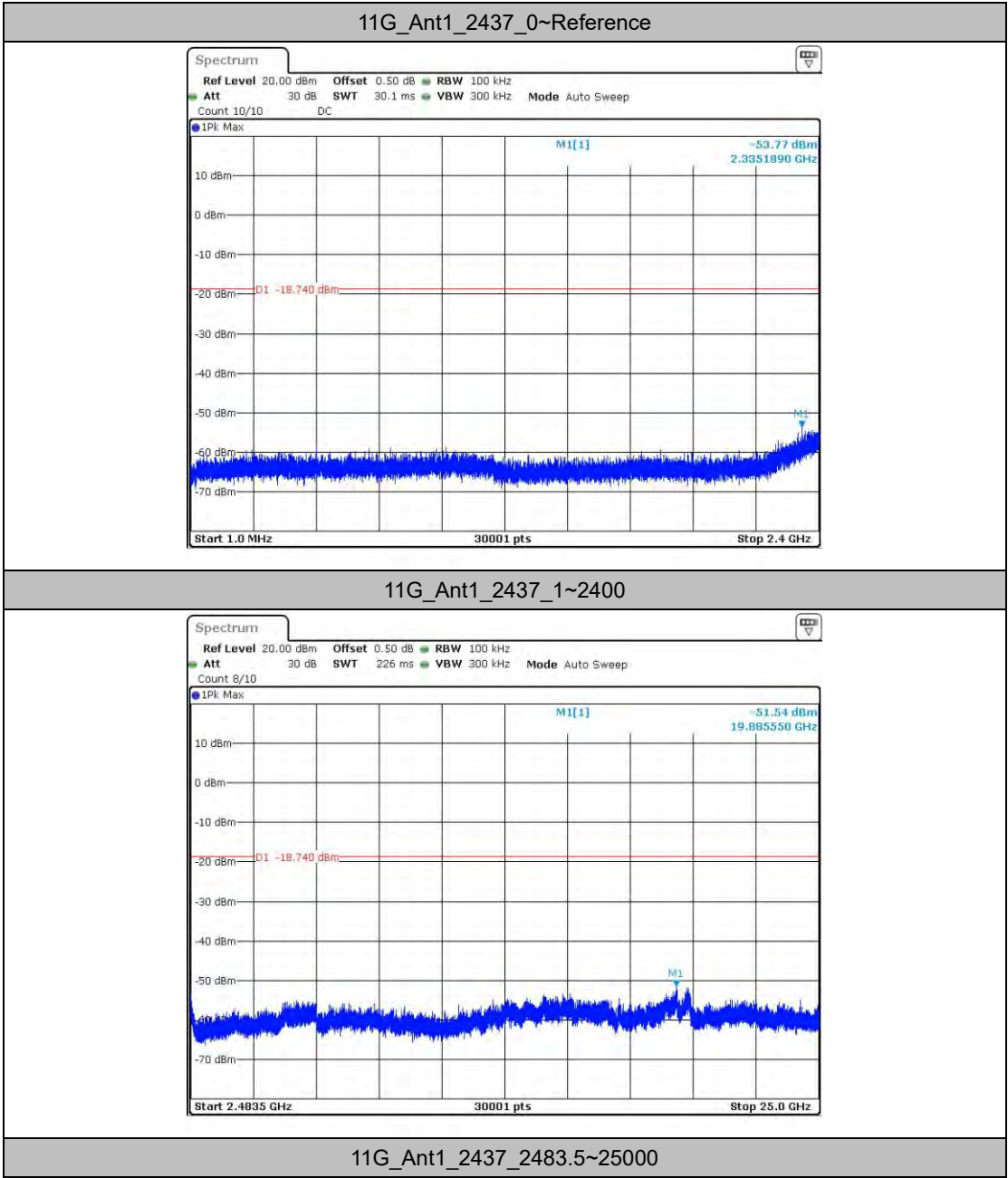
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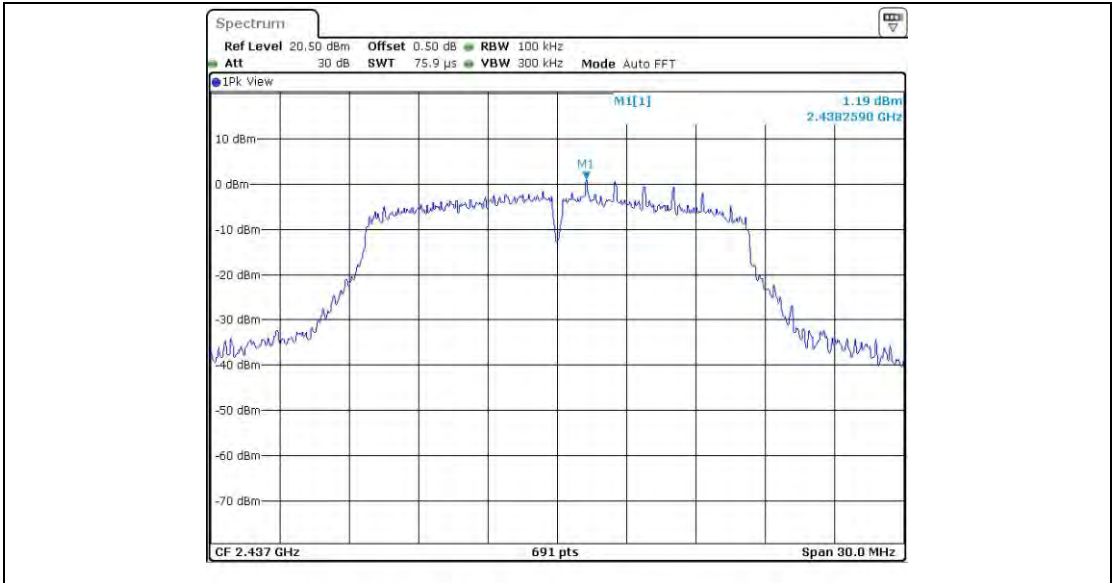


Appendix of 210204040SZN-002

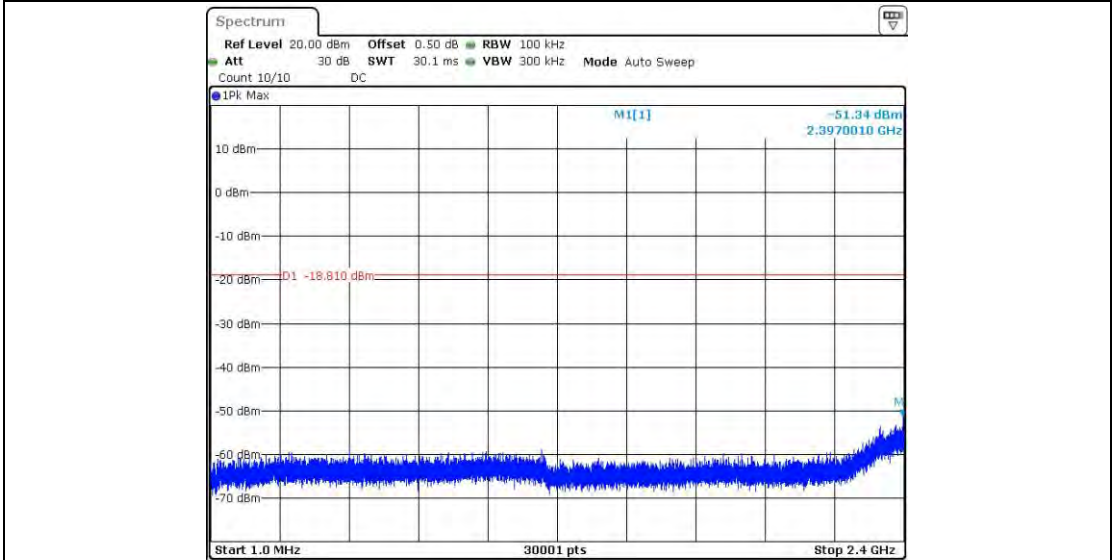


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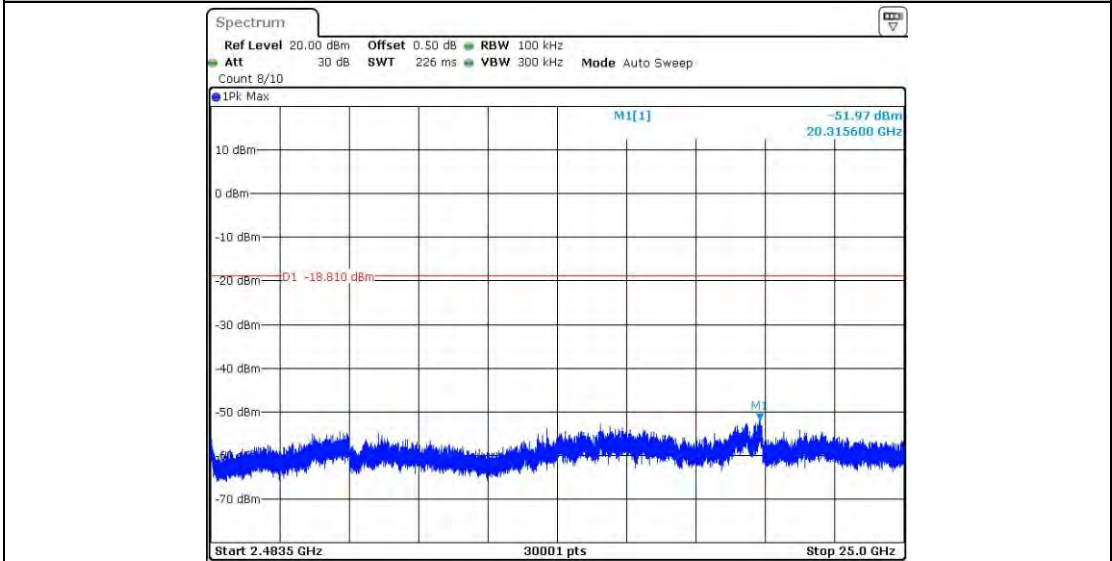




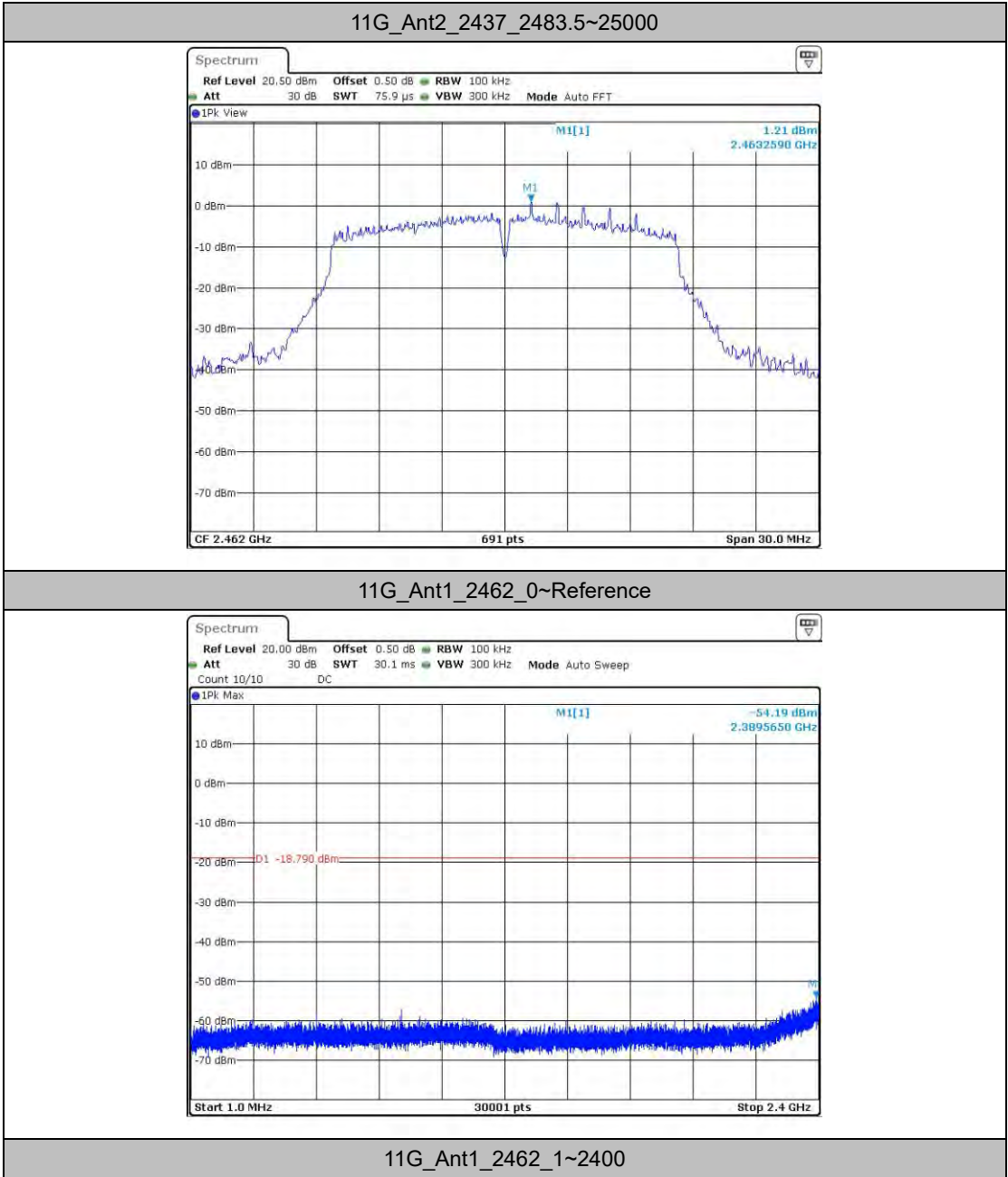
11G_Ant2_2437_0~Reference

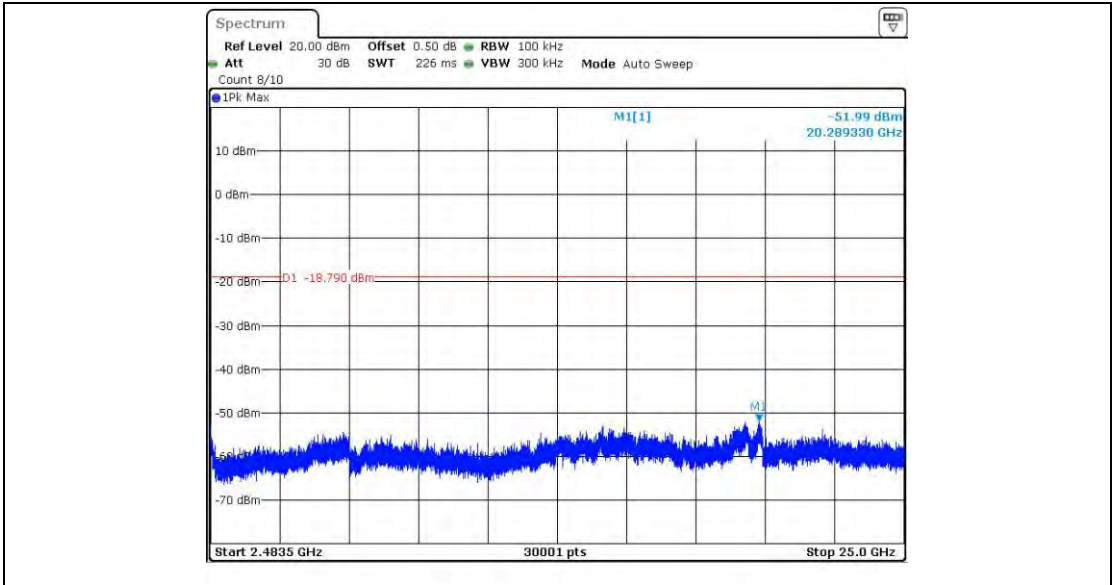


11G_Ant2_2437_1~2400

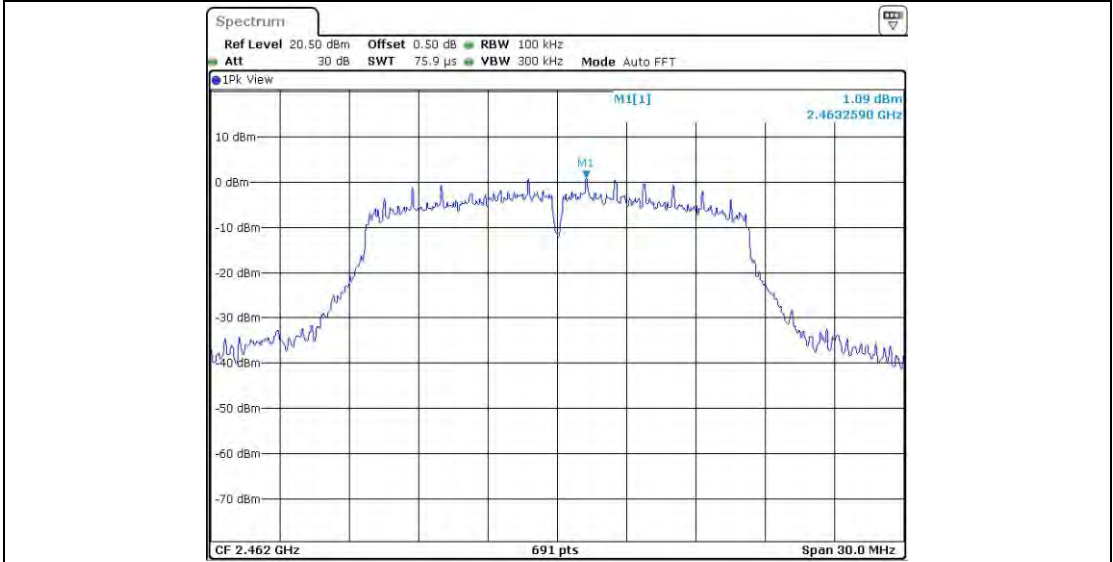


Appendix of 210204040SZN-002

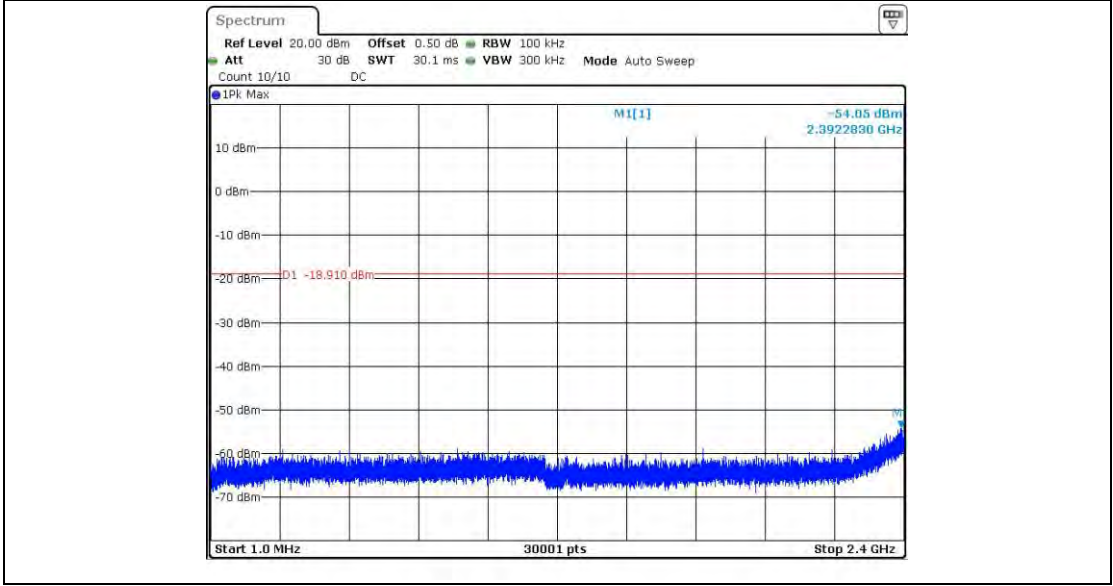




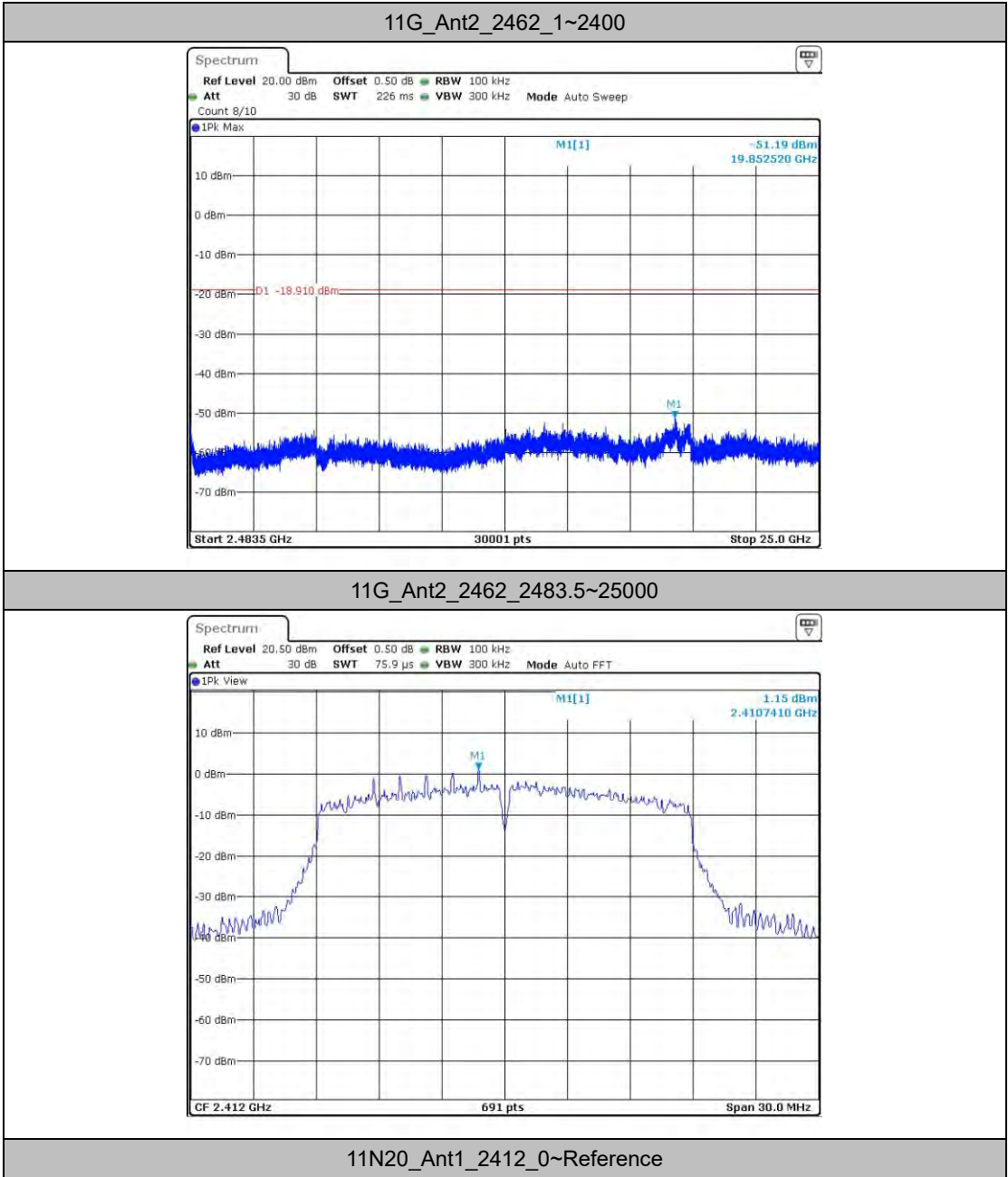
11G_Ant1_2462_2483.5~25000



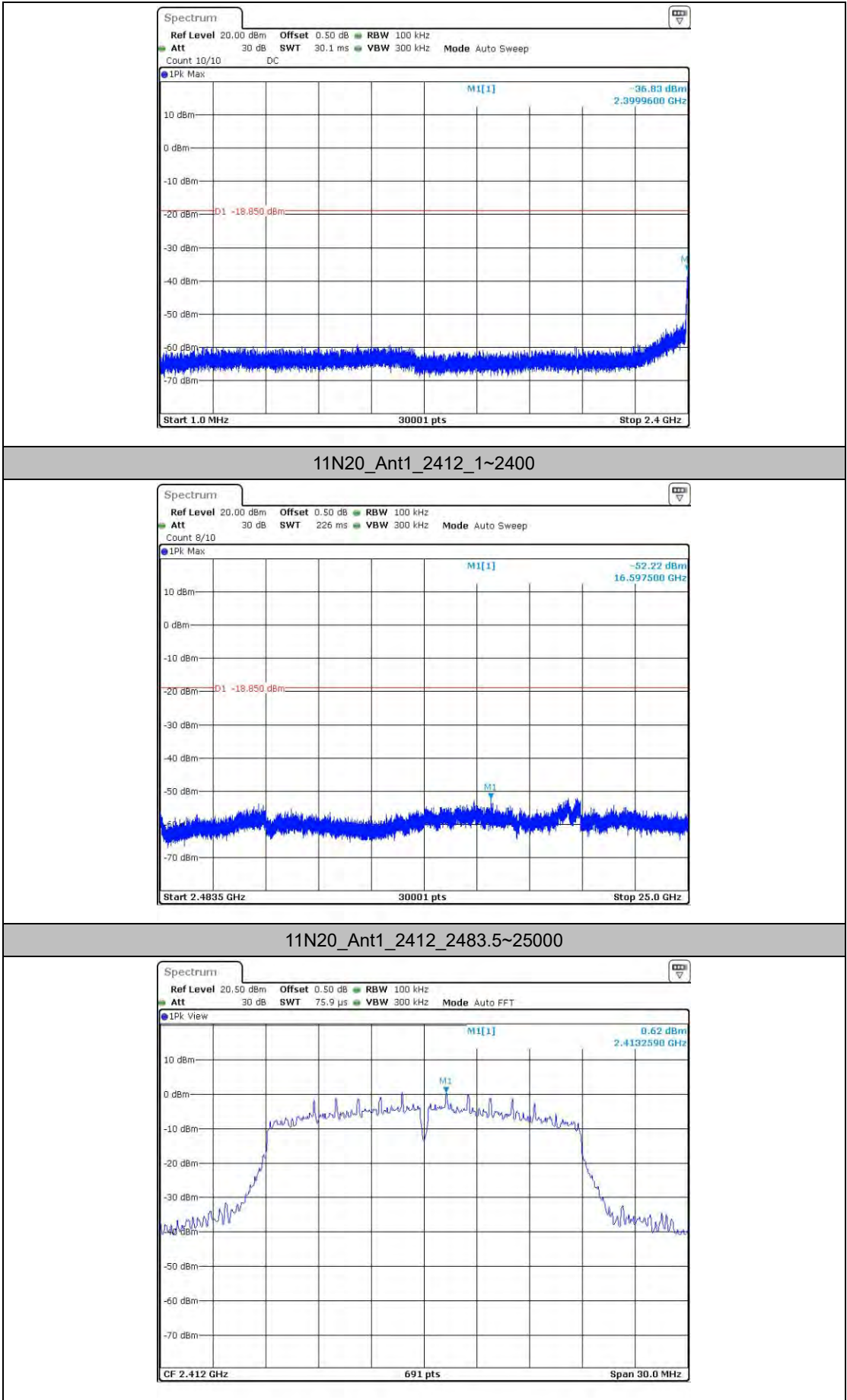
11G_Ant2_2462_0~Reference



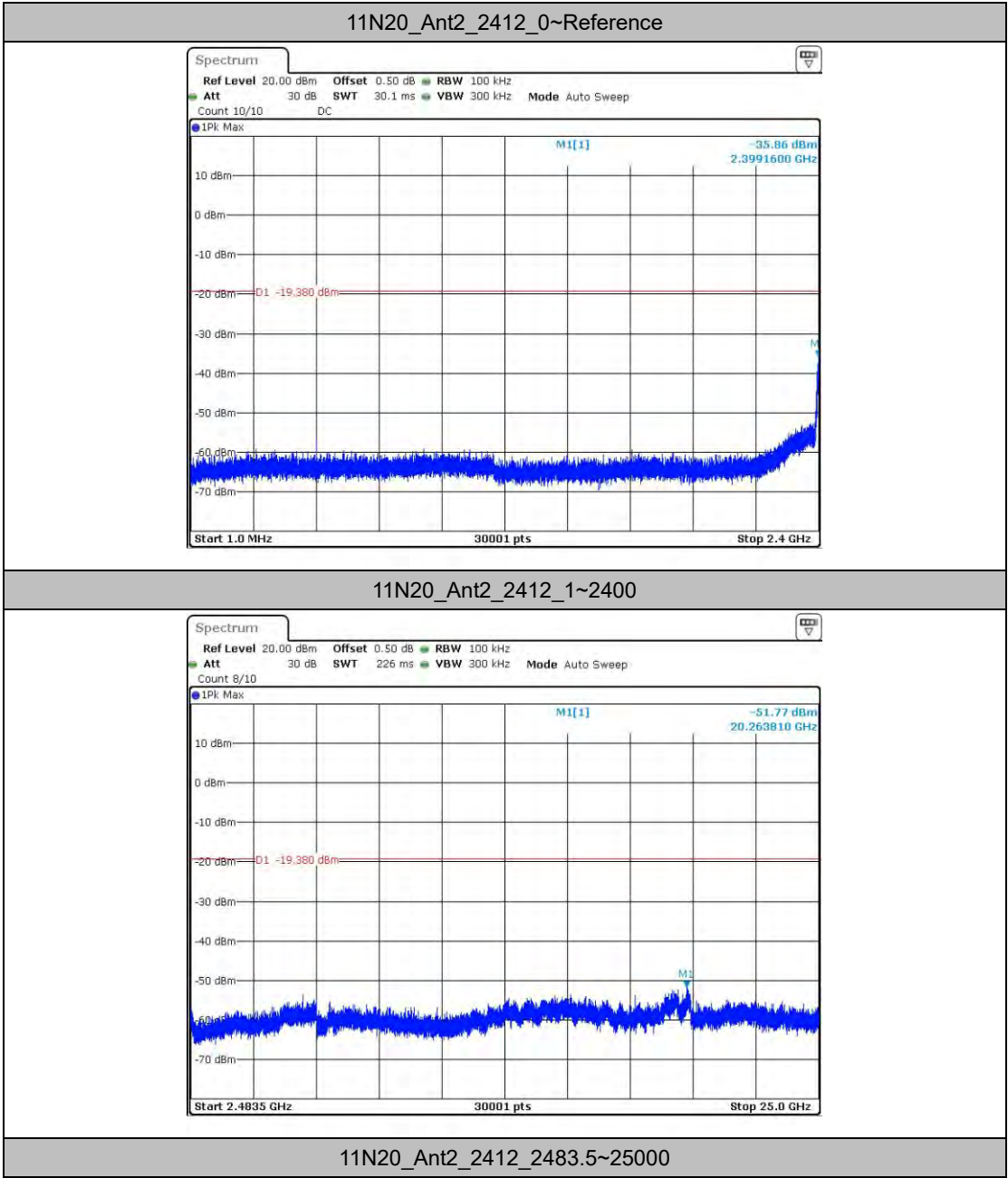
Appendix of 210204040SZN-002

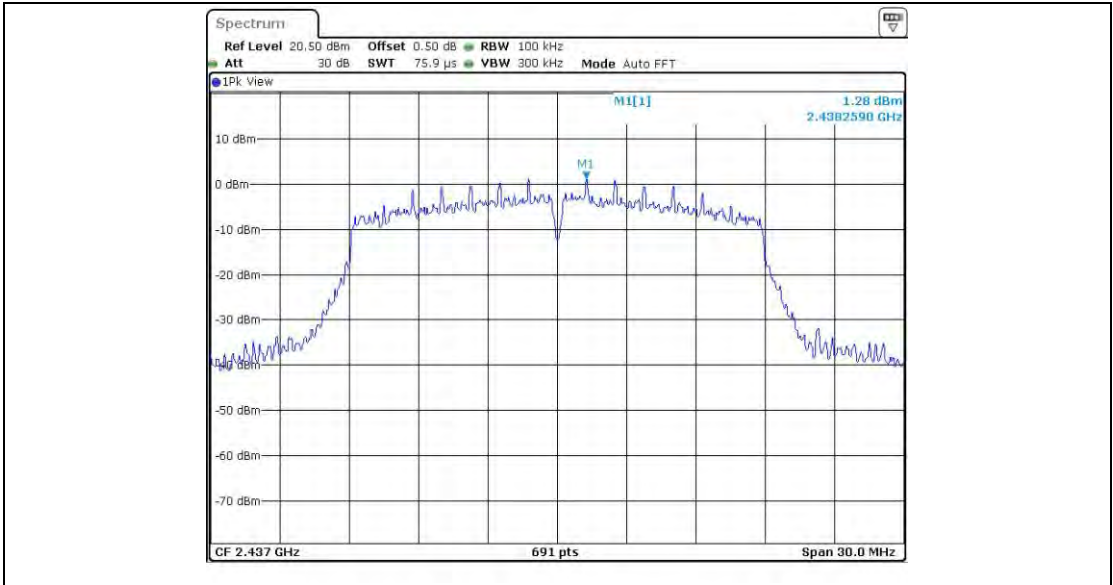


Appendix of 210204040SZN-002

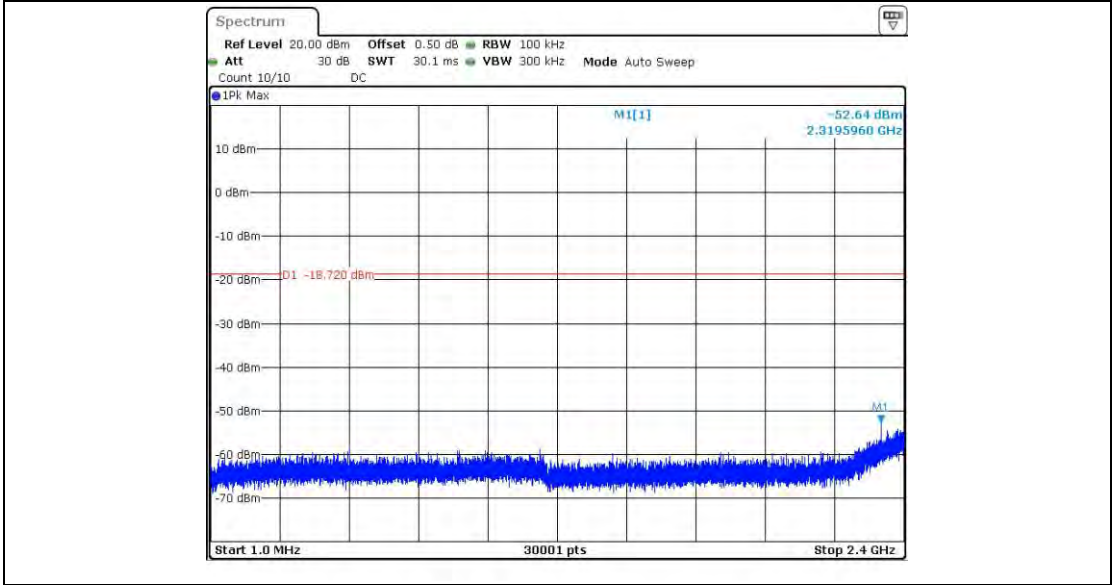


Appendix of 210204040SZN-002

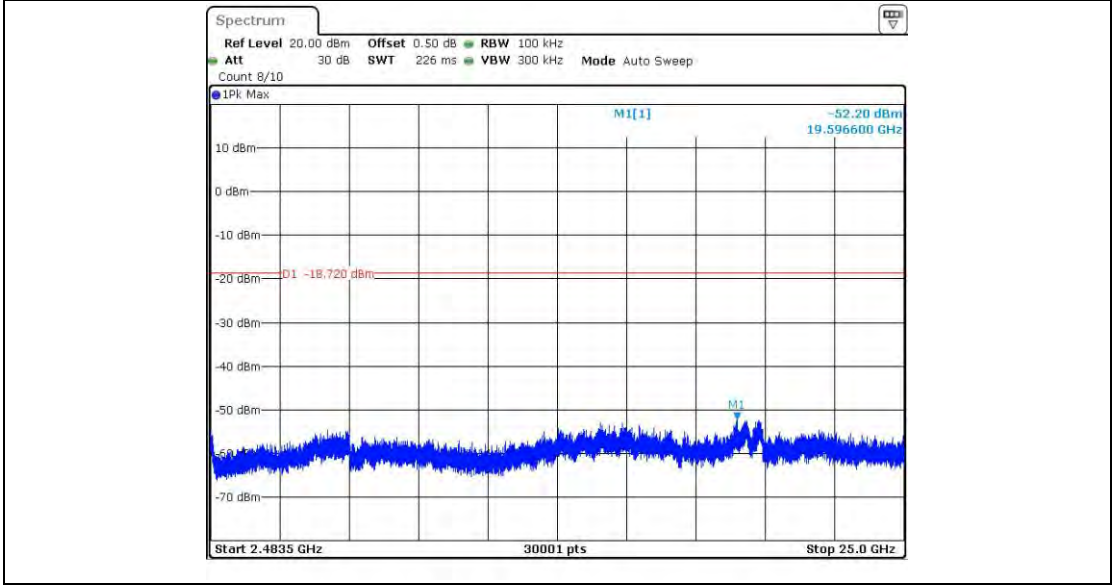




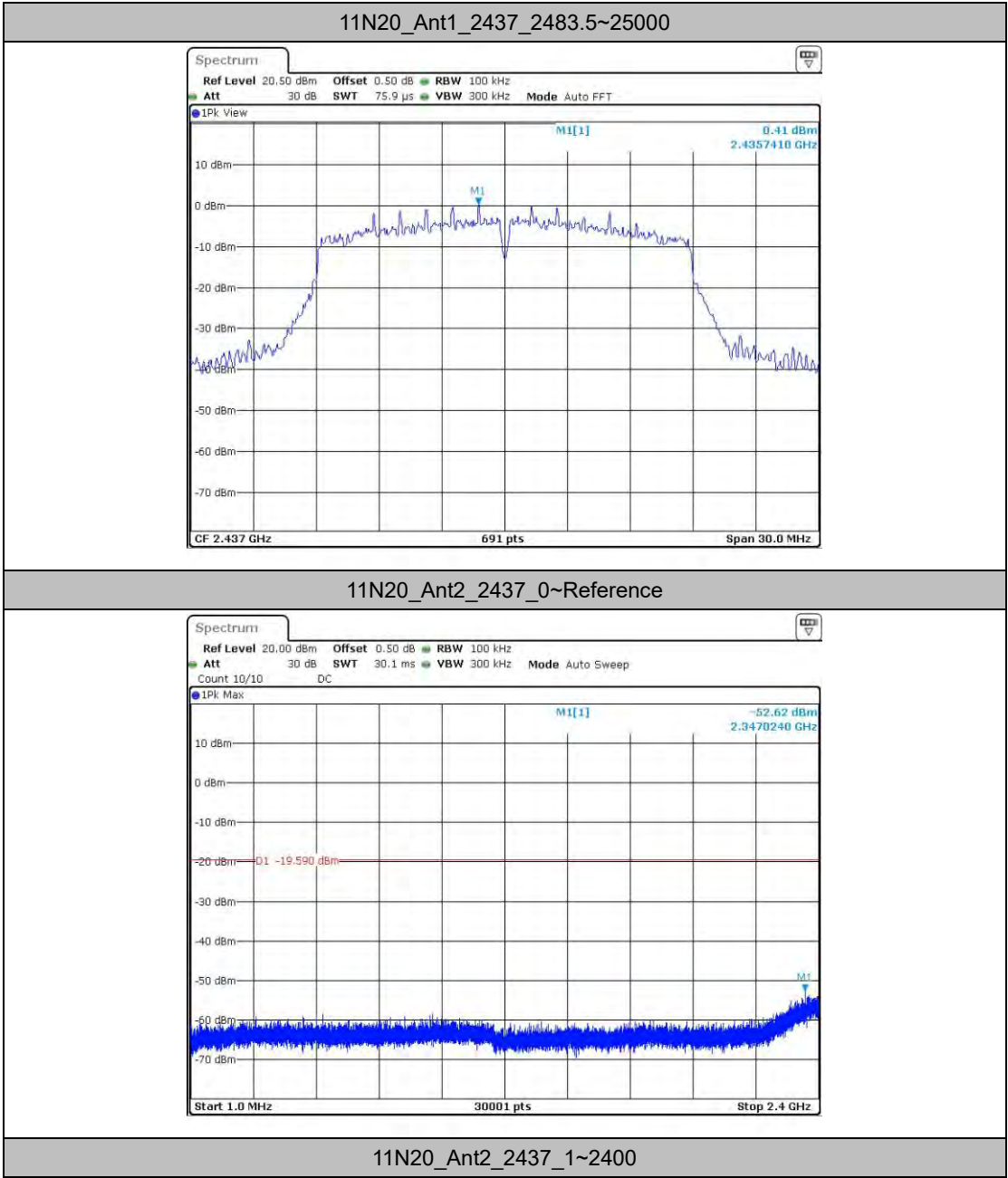
11N20_Ant1_2437_0~Reference



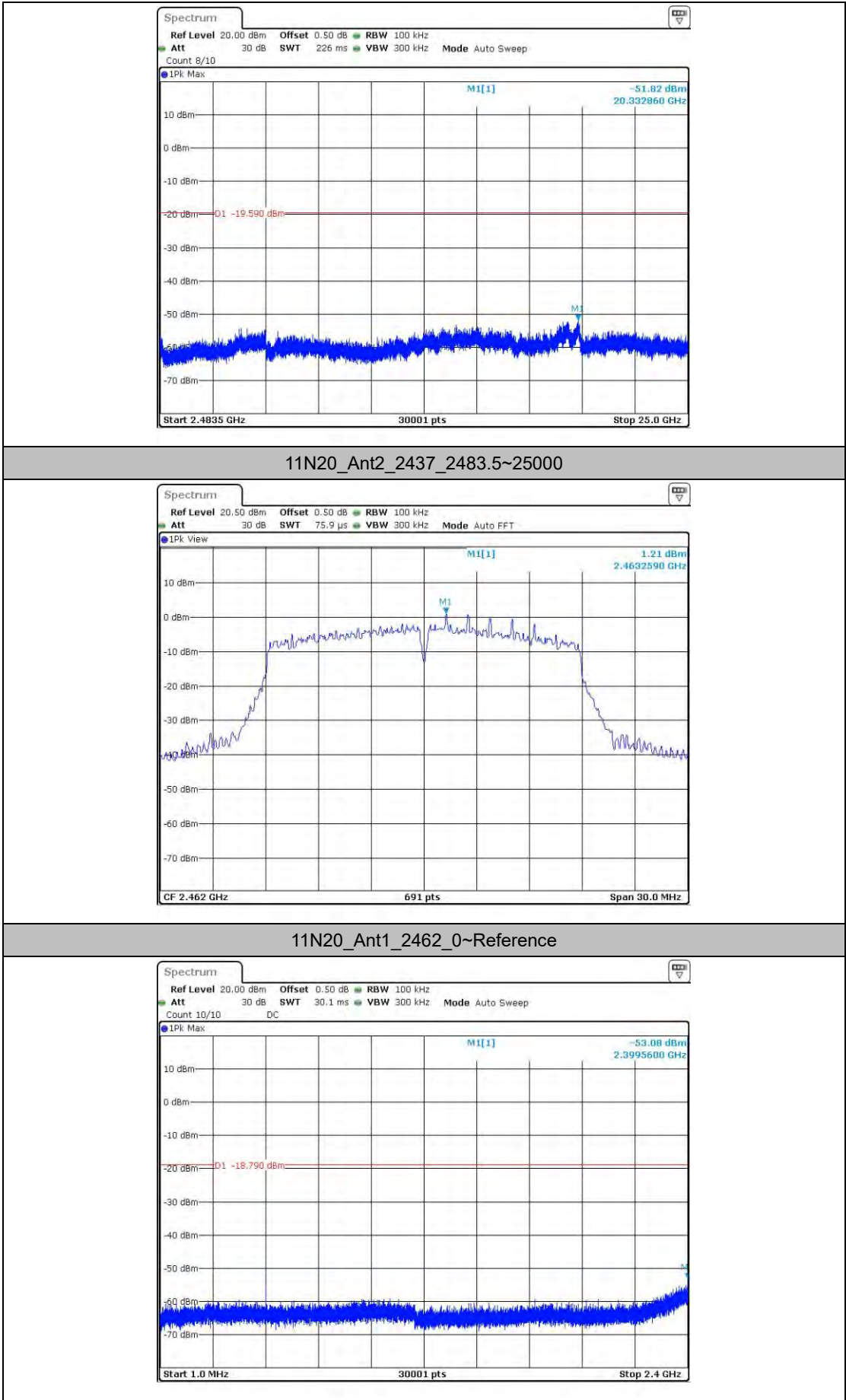
11N20_Ant1_2437_1~2400



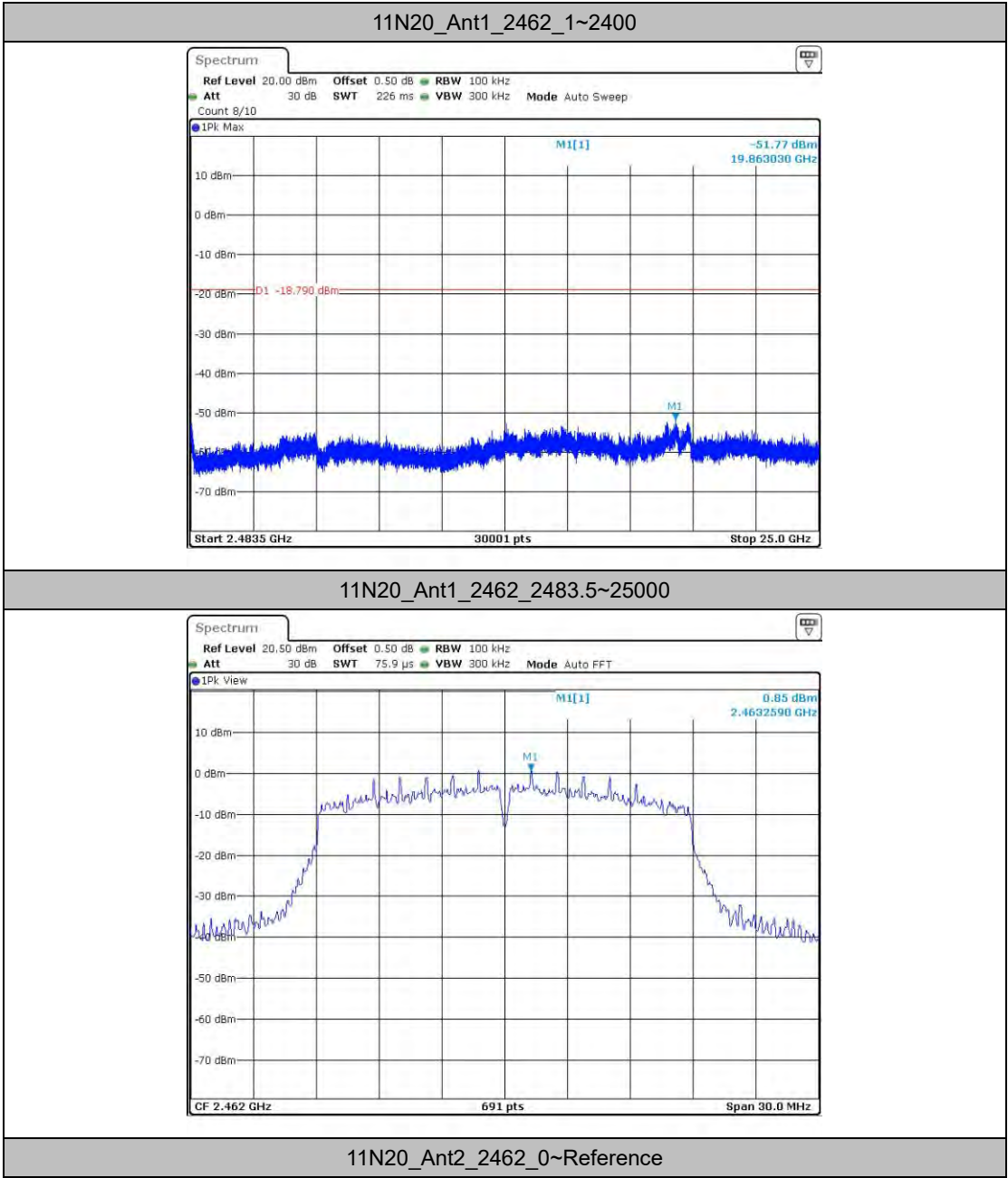
Appendix of 210204040SZN-002



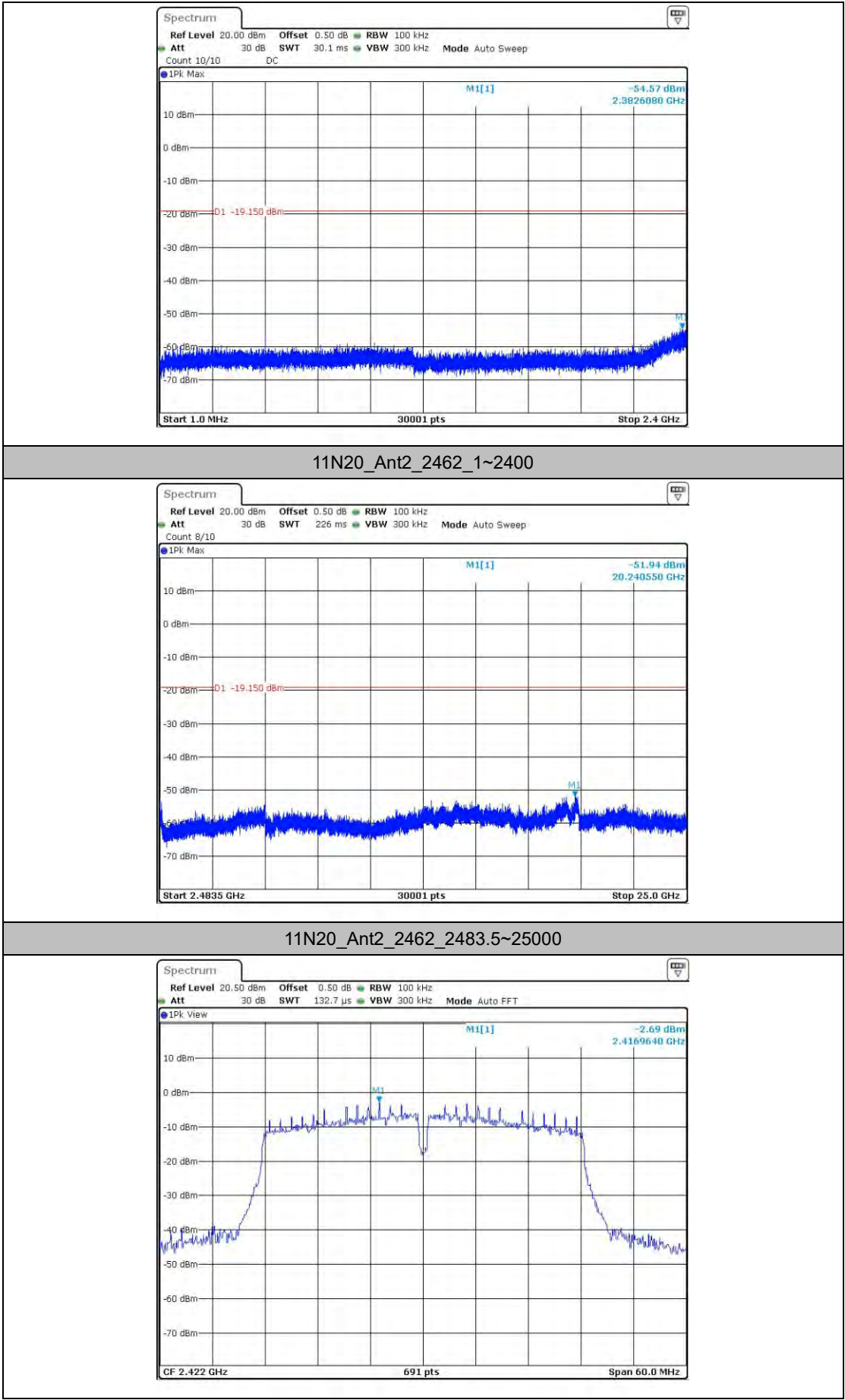
Appendix of 210204040SZN-002



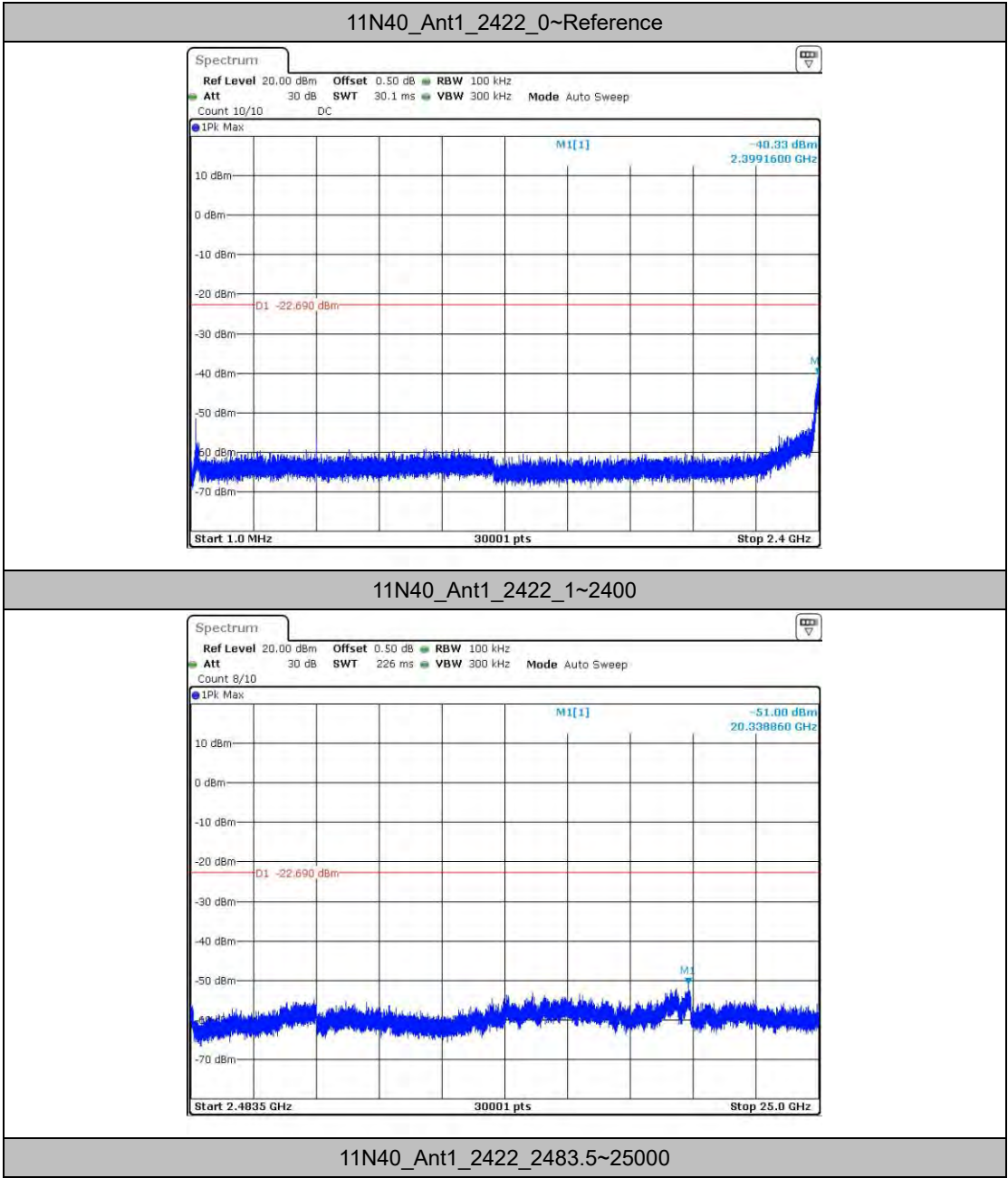
Appendix of 210204040SZN-002

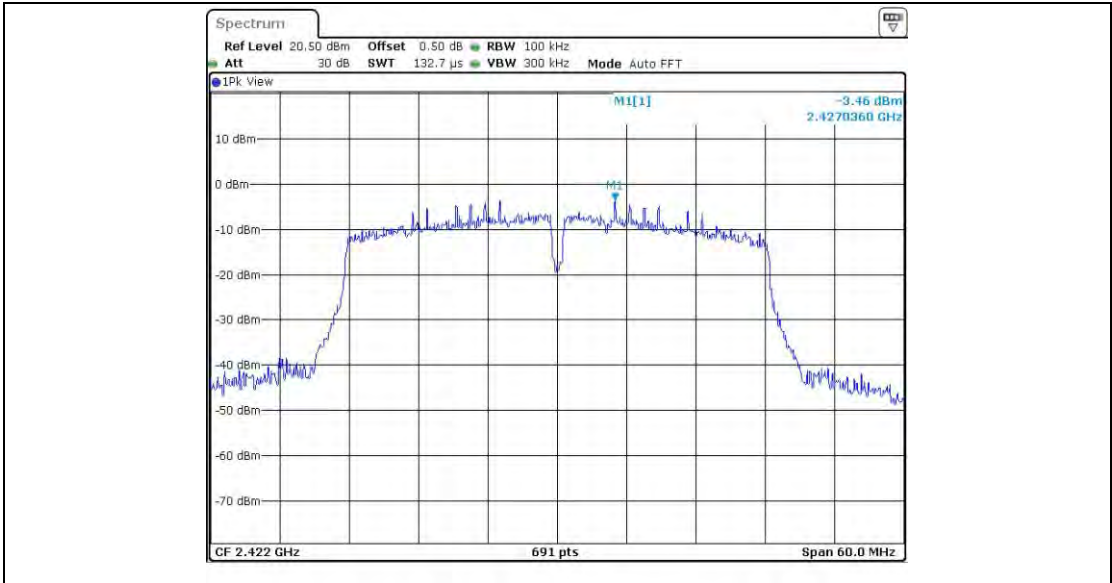


Appendix of 210204040SZN-002

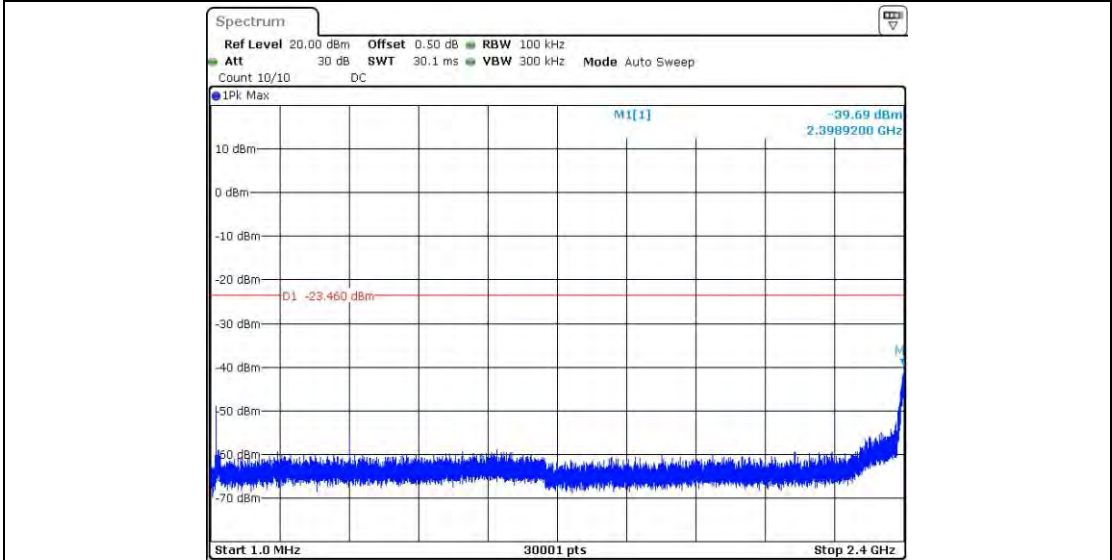


Appendix of 210204040SZN-002

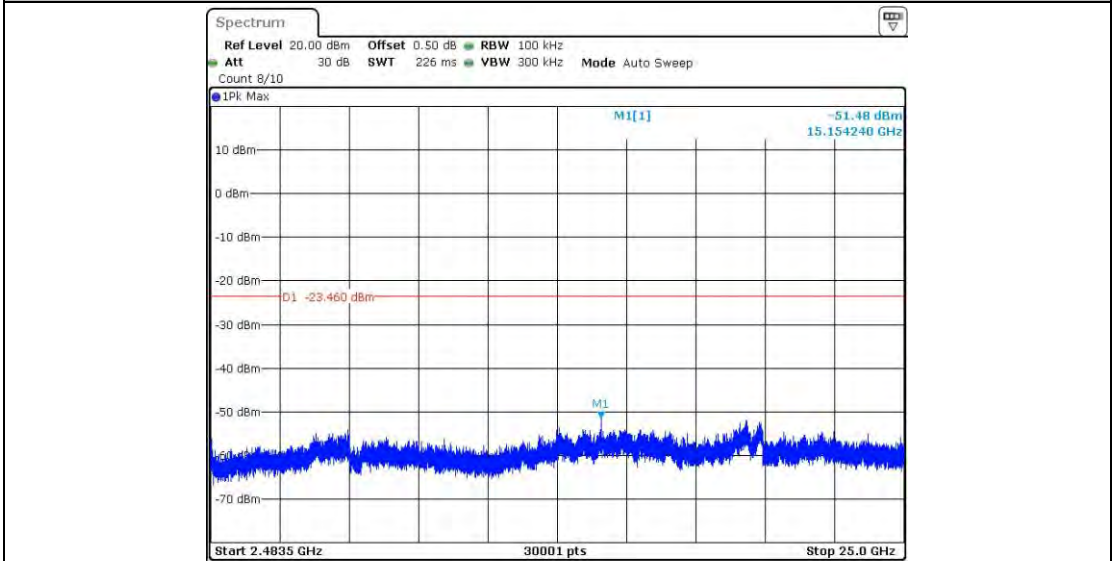


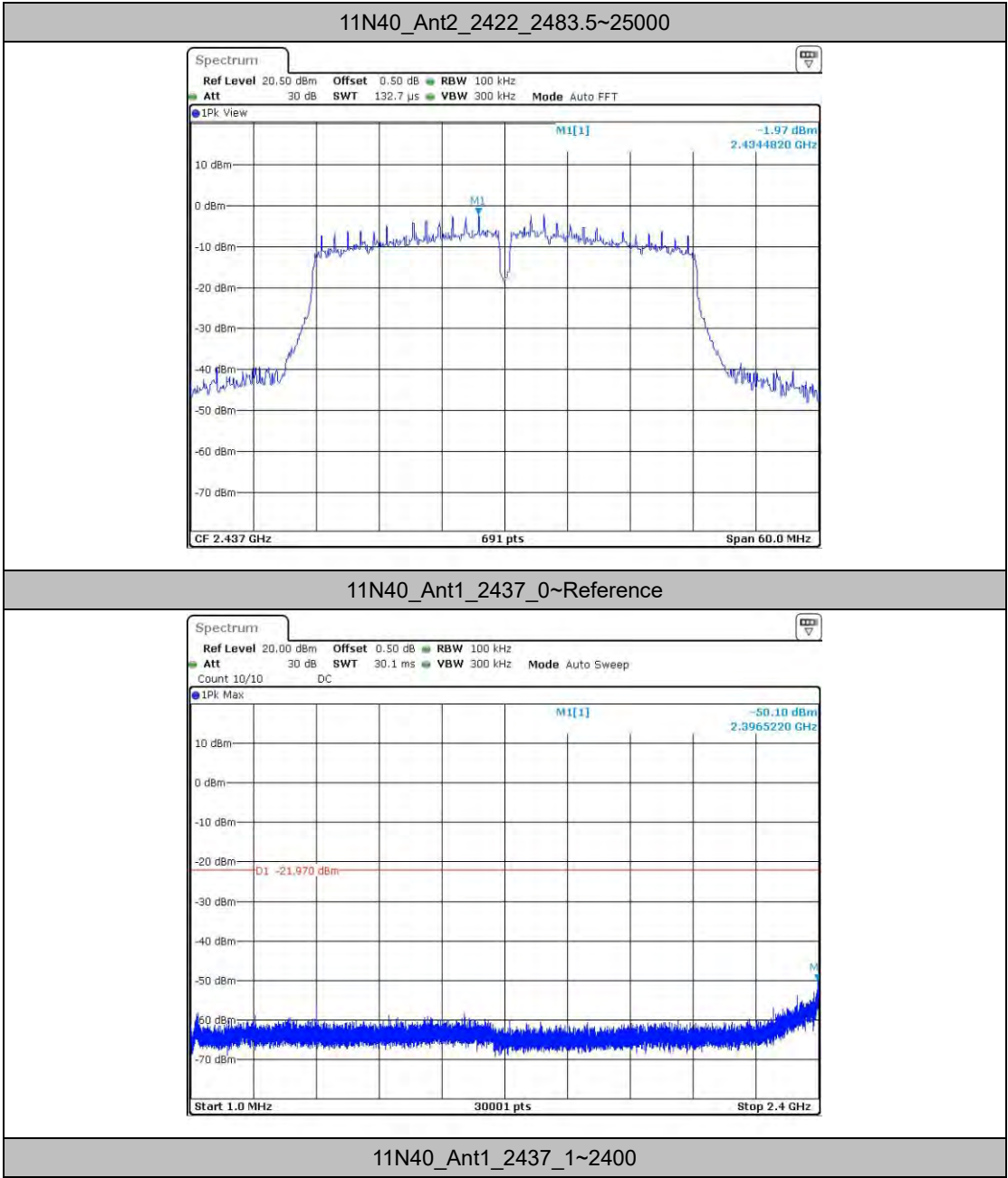


11N40_Ant2_2422_0~Reference

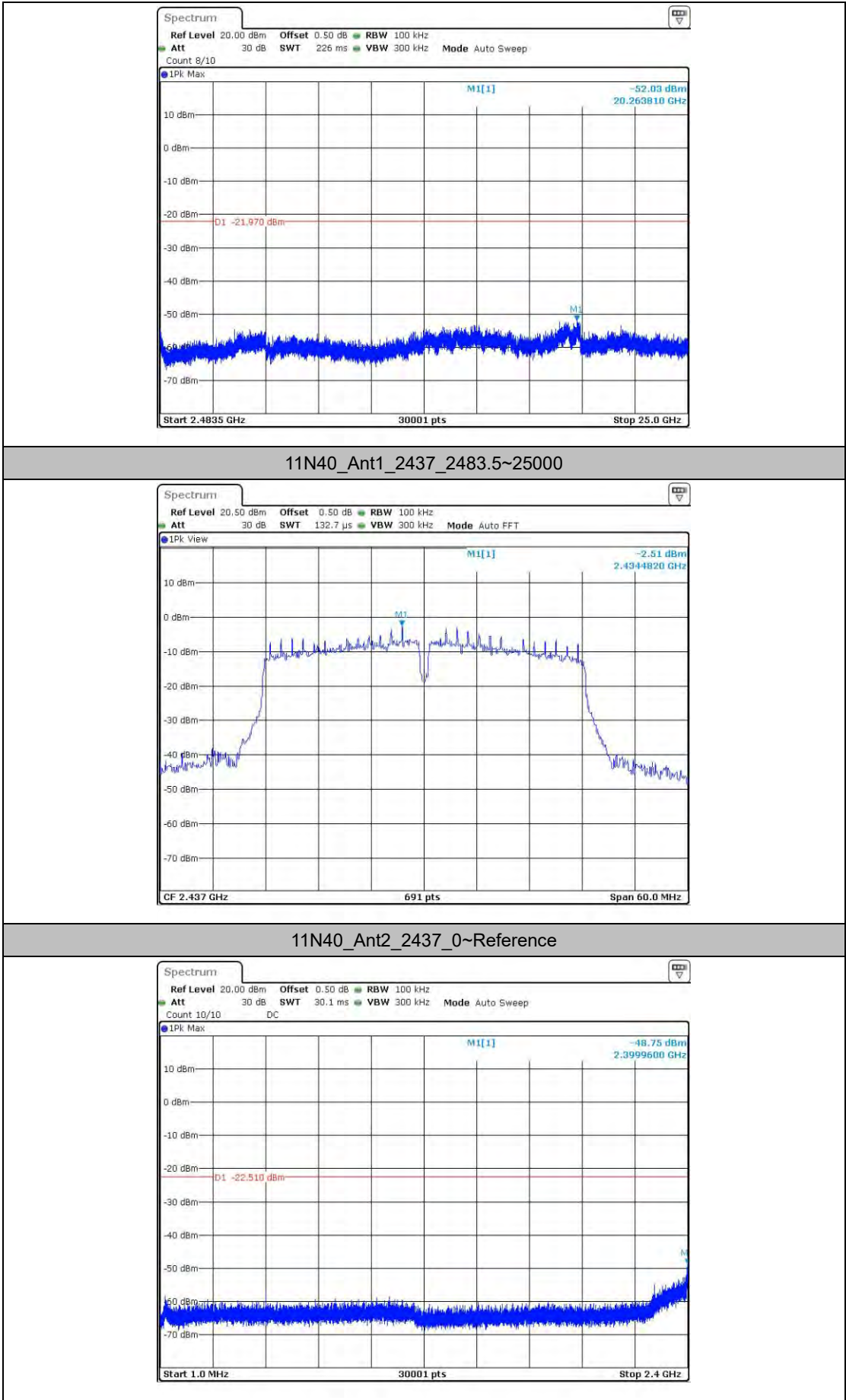


11N40_Ant2_2422_1~2400

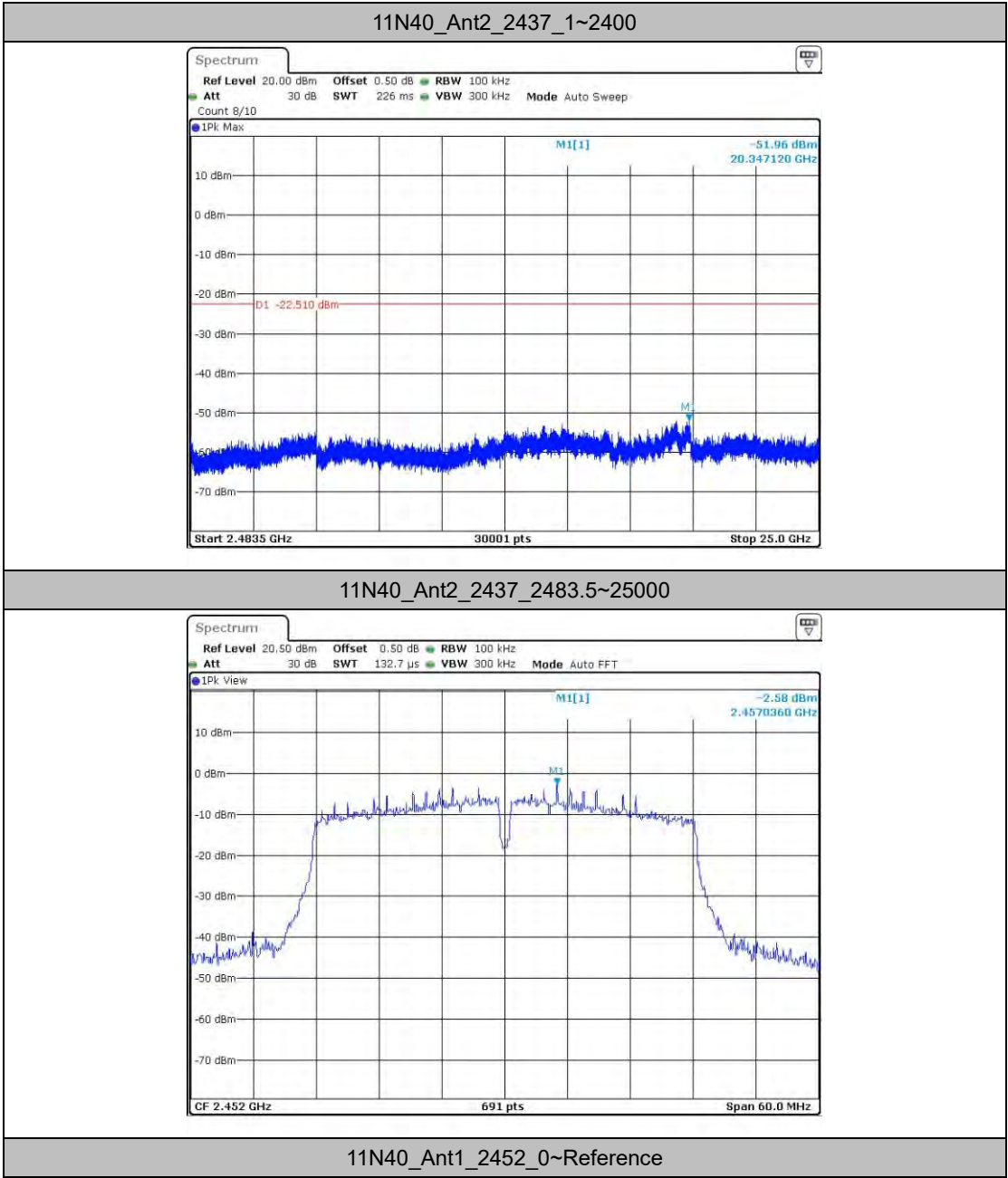




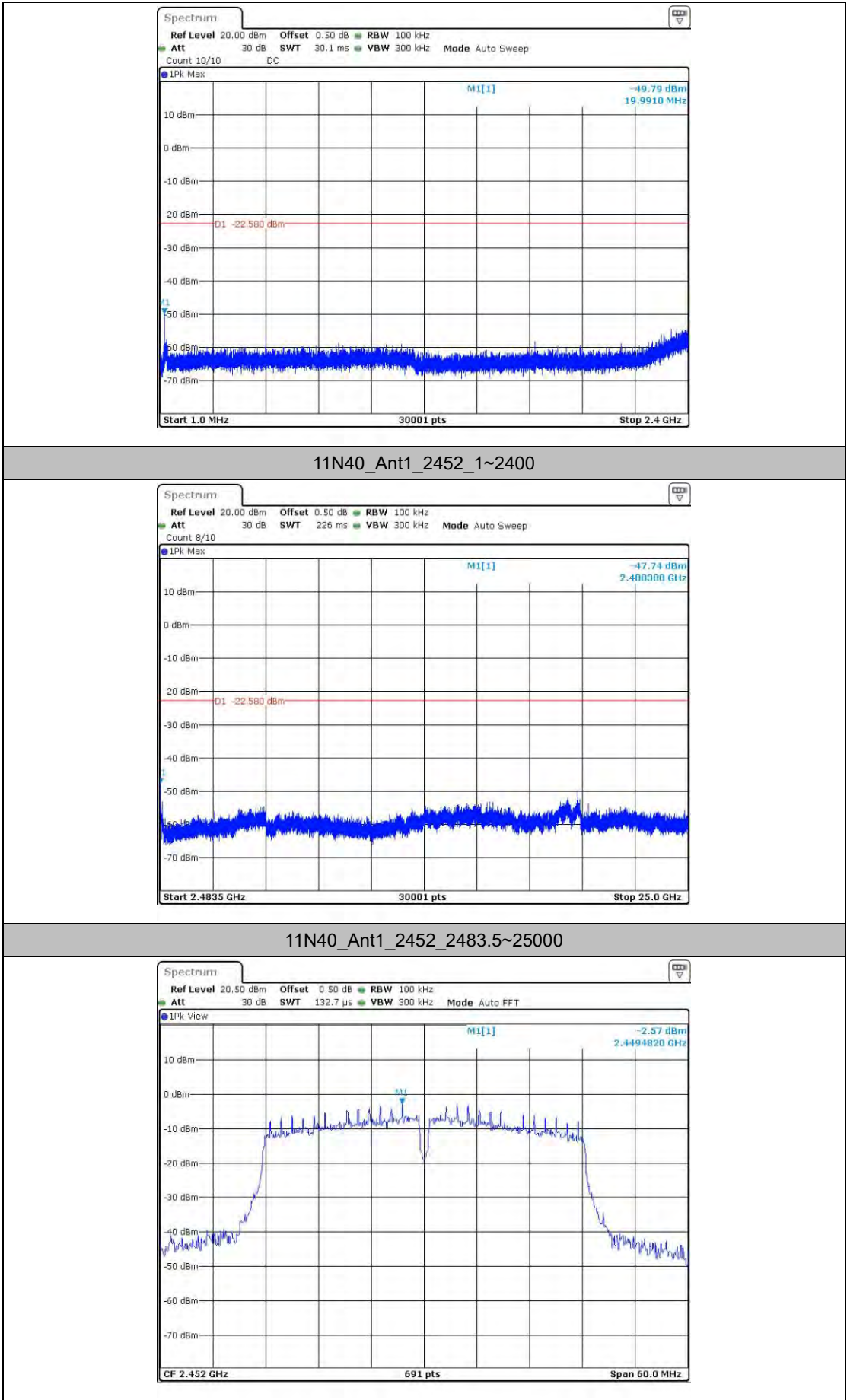
Appendix of 210204040SZN-002



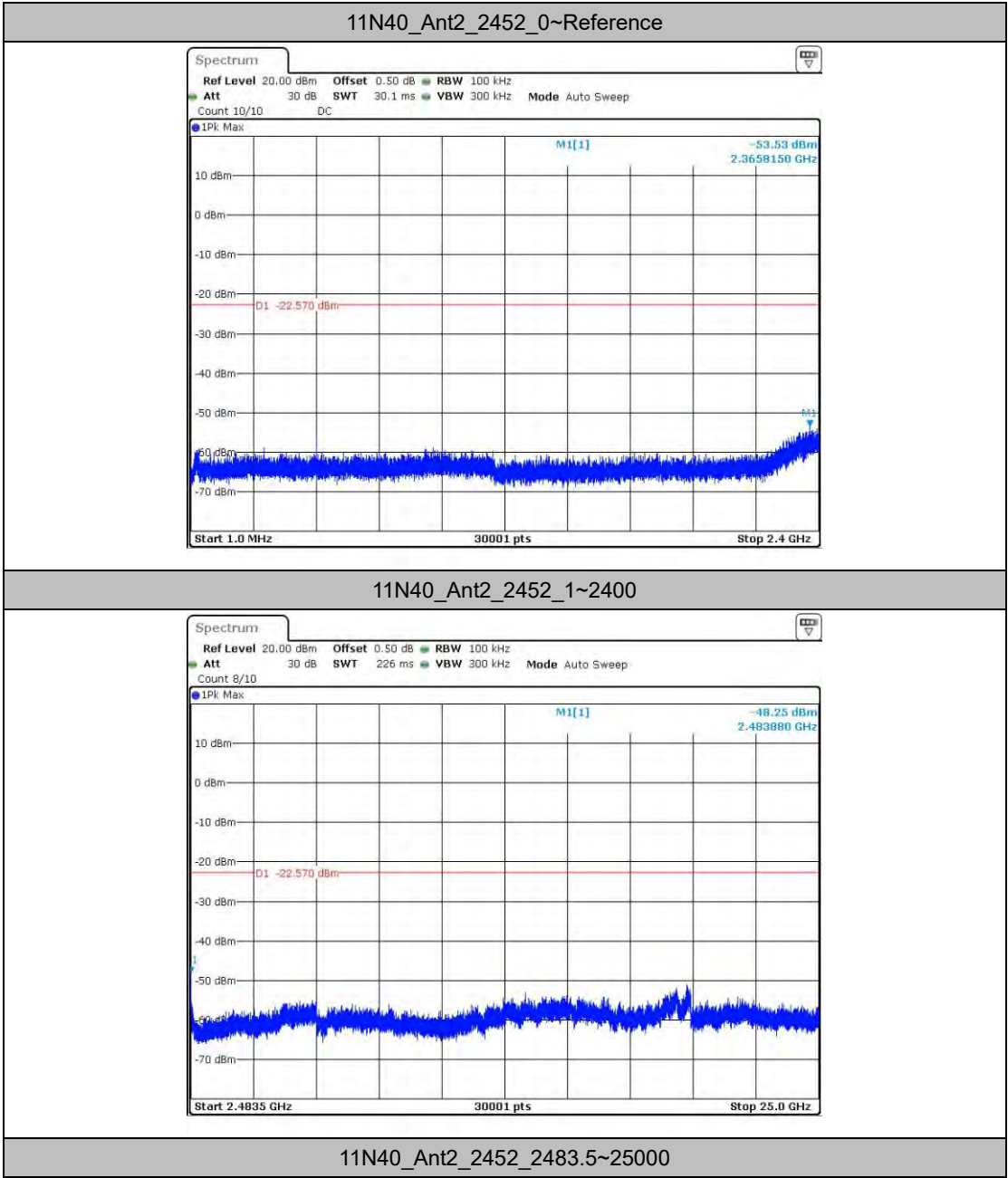
Appendix of 210204040SZN-002

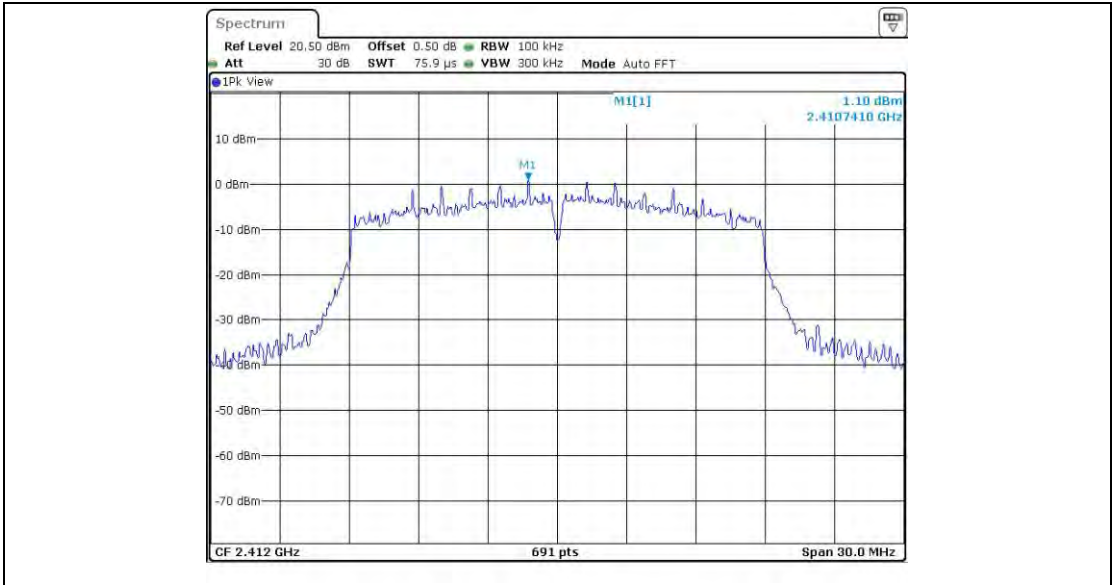


Appendix of 210204040SZN-002

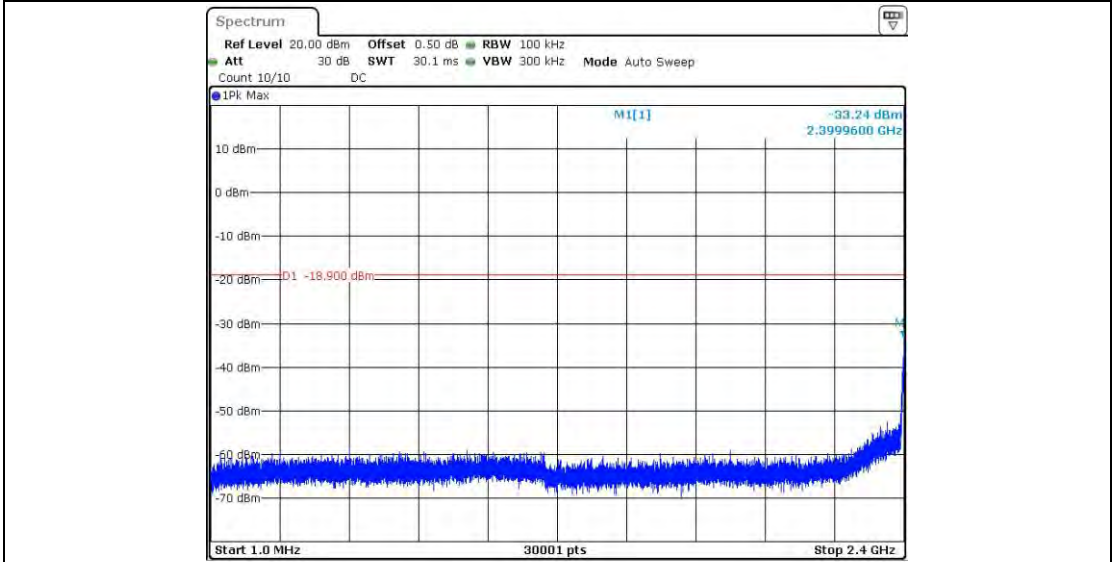


Appendix of 210204040SZN-002

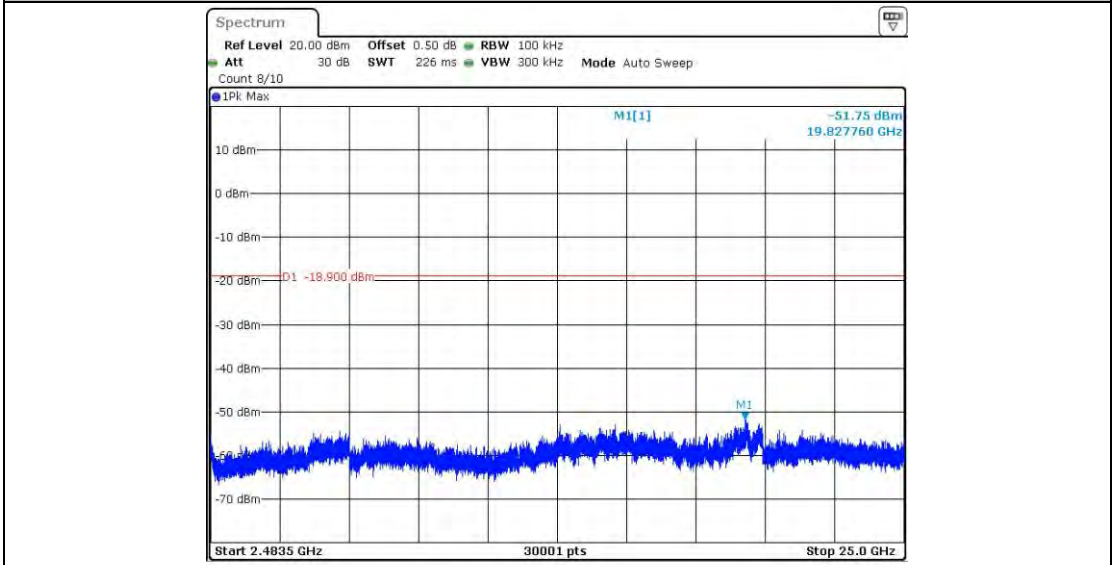




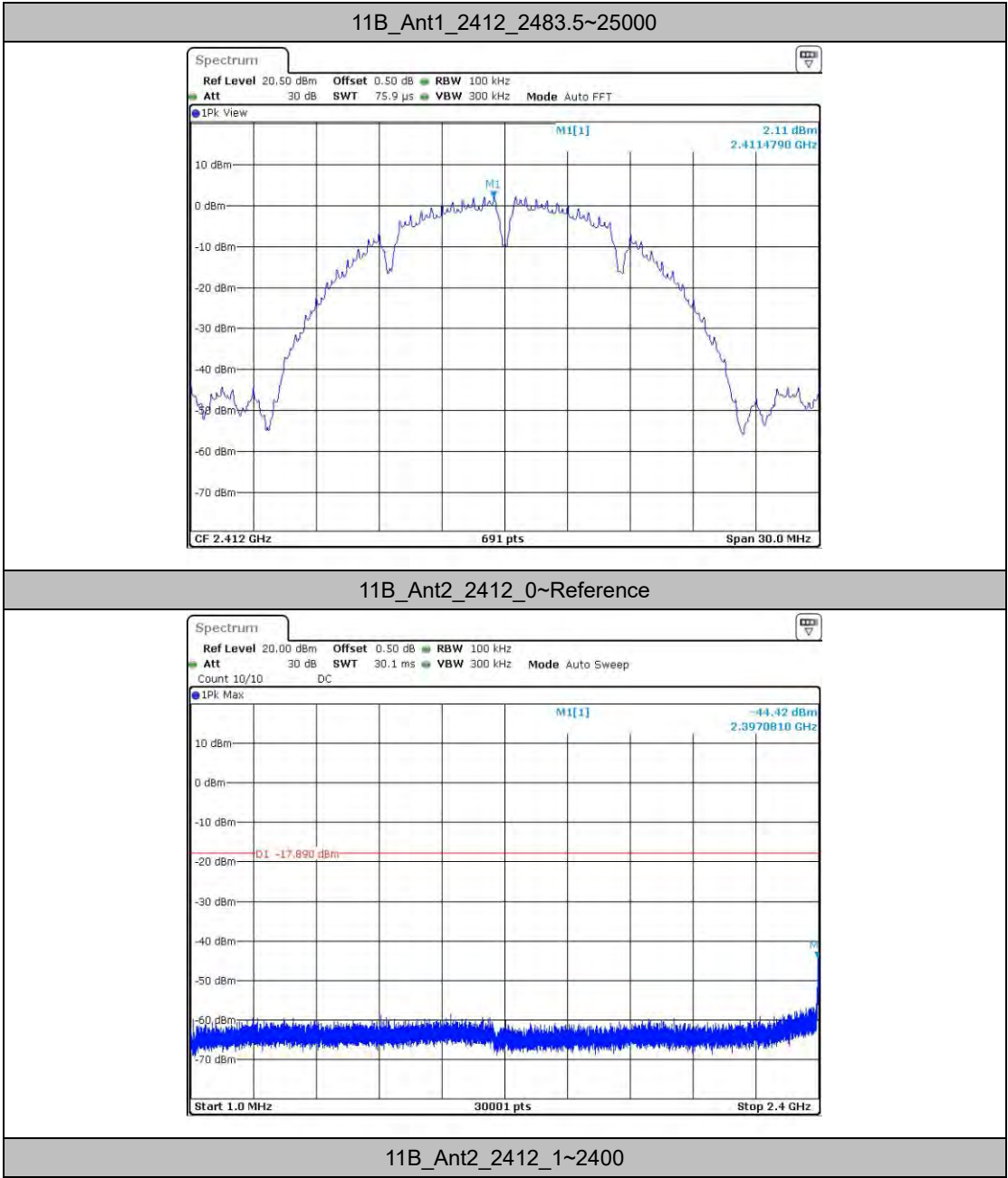
11B_Ant1_2412_0~Reference



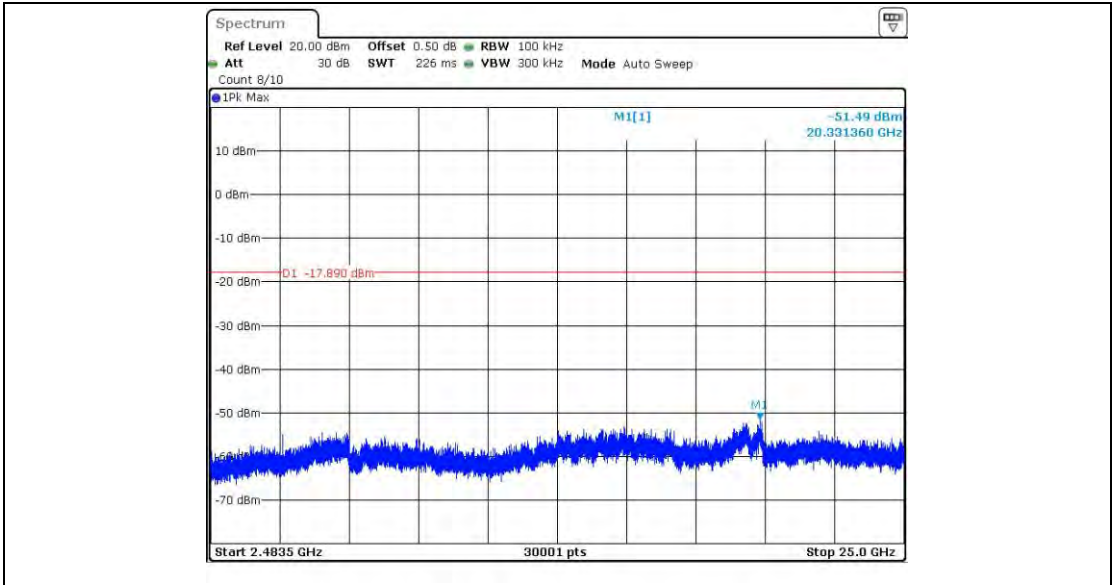
11B_Ant1_2412_1~2400



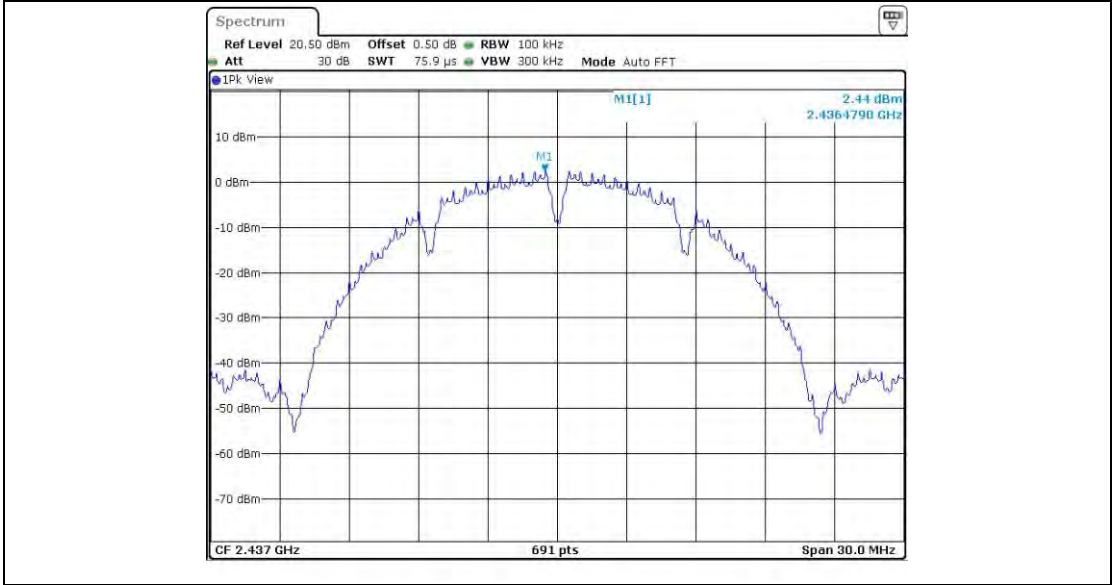
Appendix of 210204040SZN-002



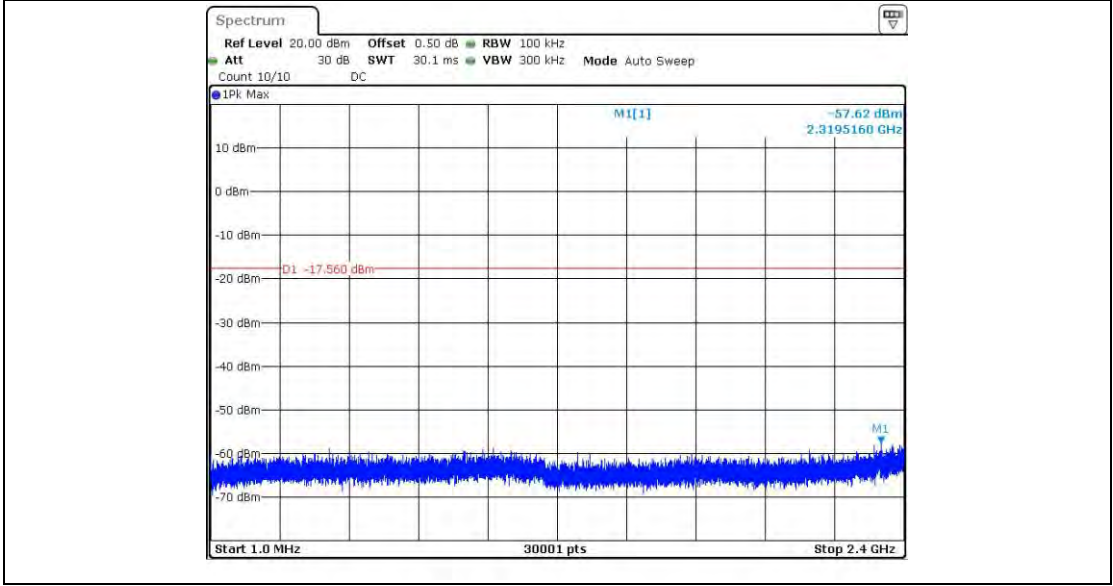
Appendix of 210204040SZN-002



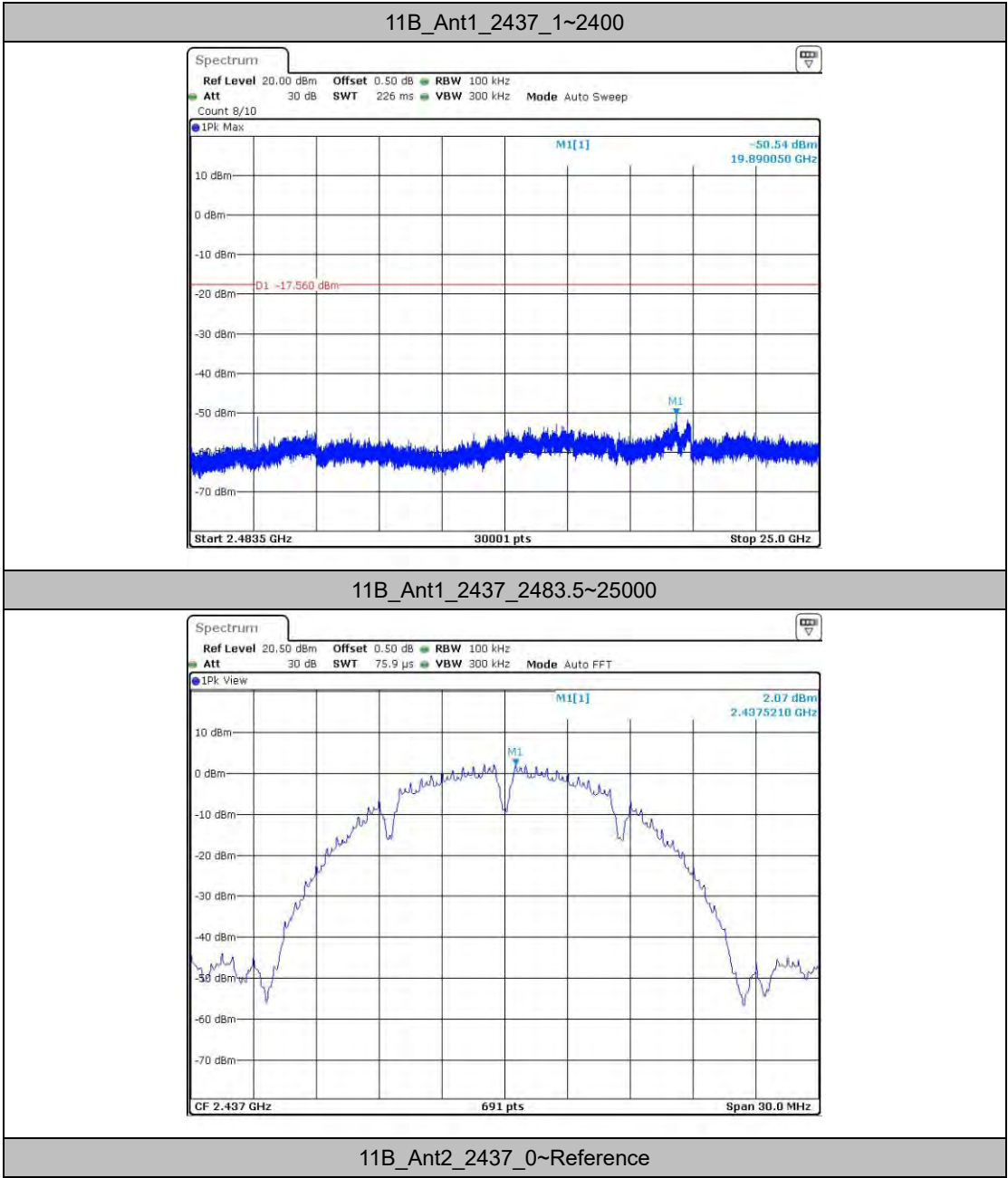
11B_Ant2_2412_2483.5~25000



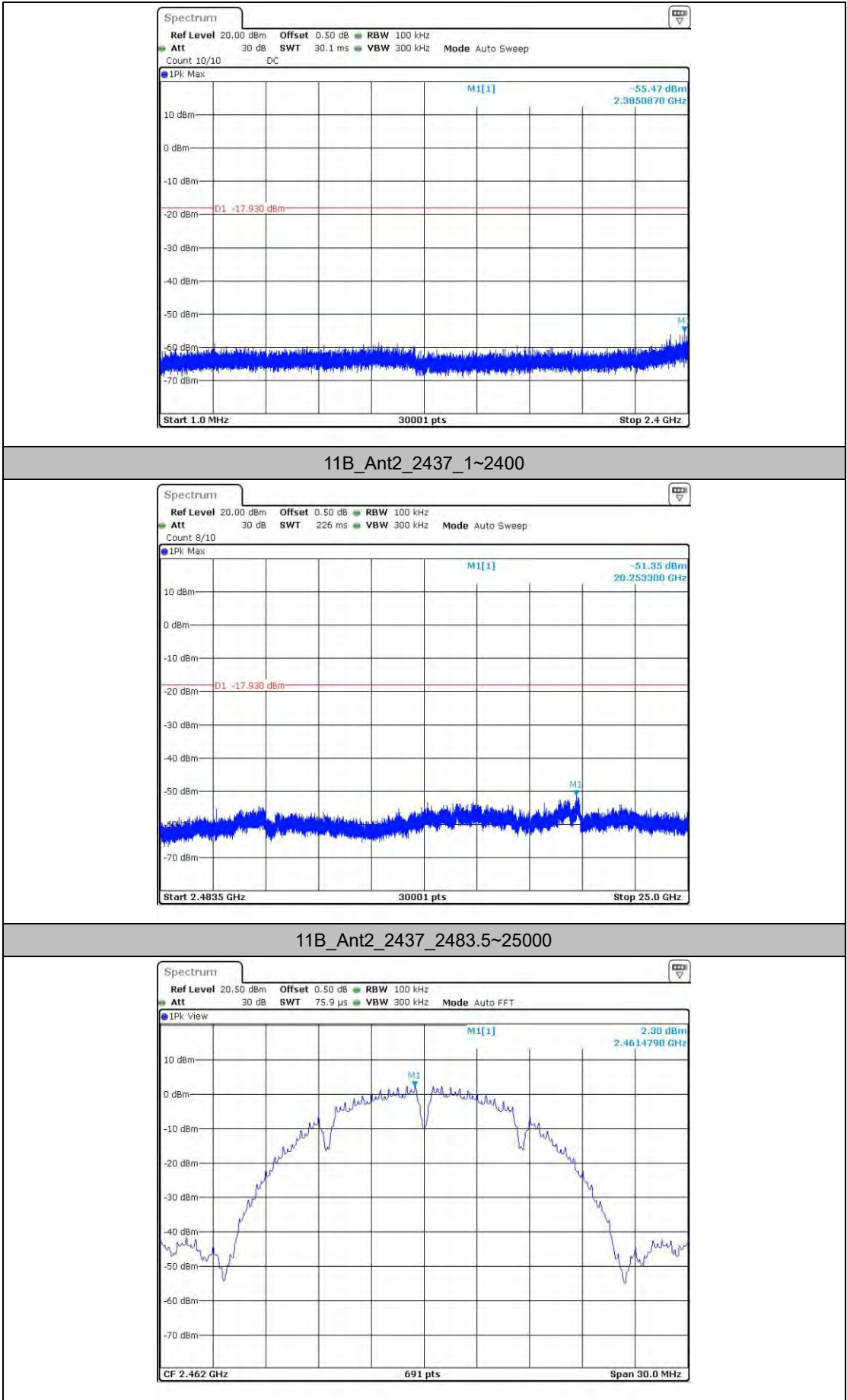
11B_Ant1_2437_0~Reference



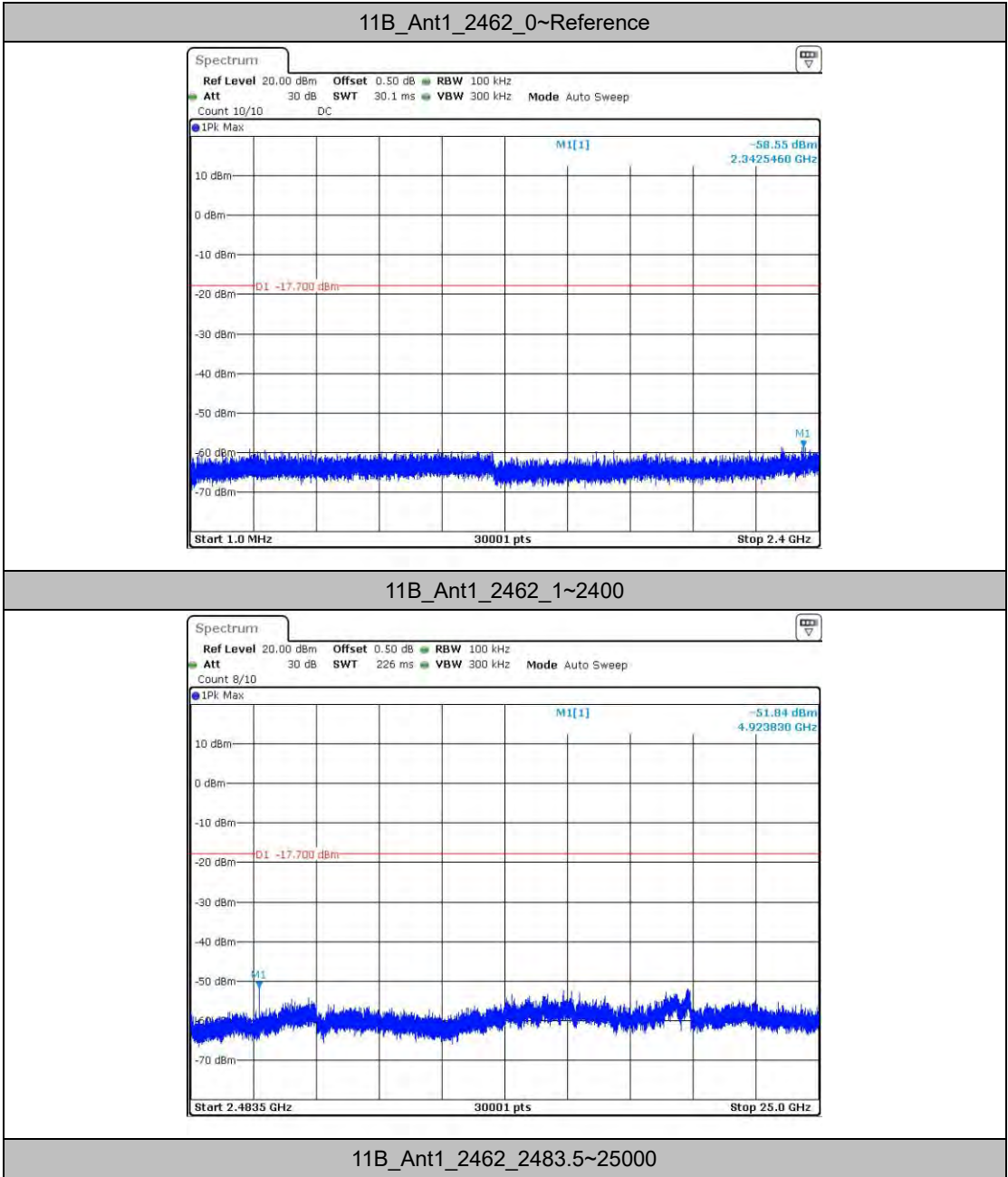
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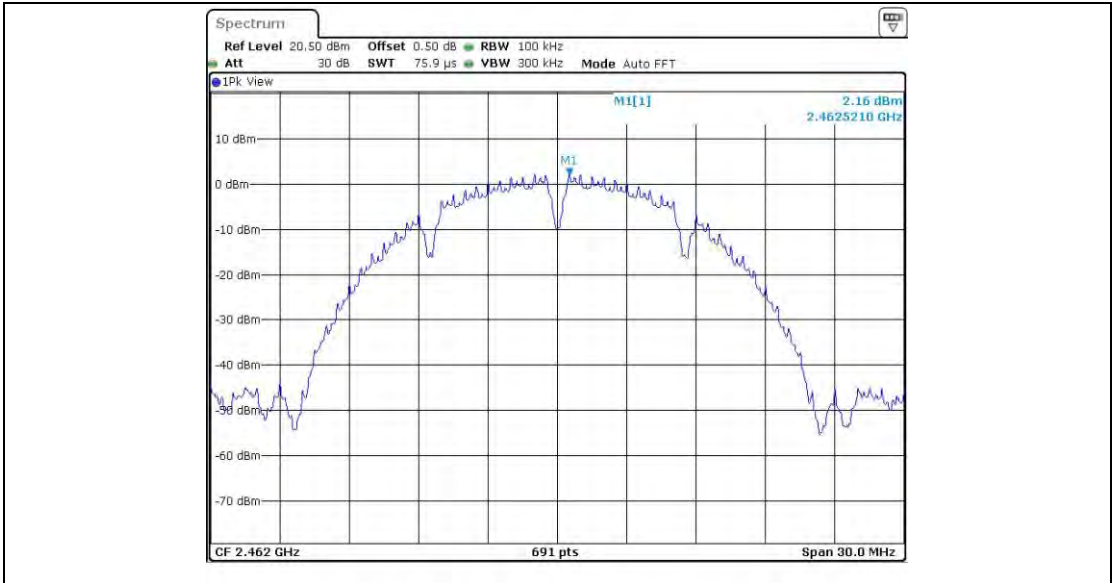


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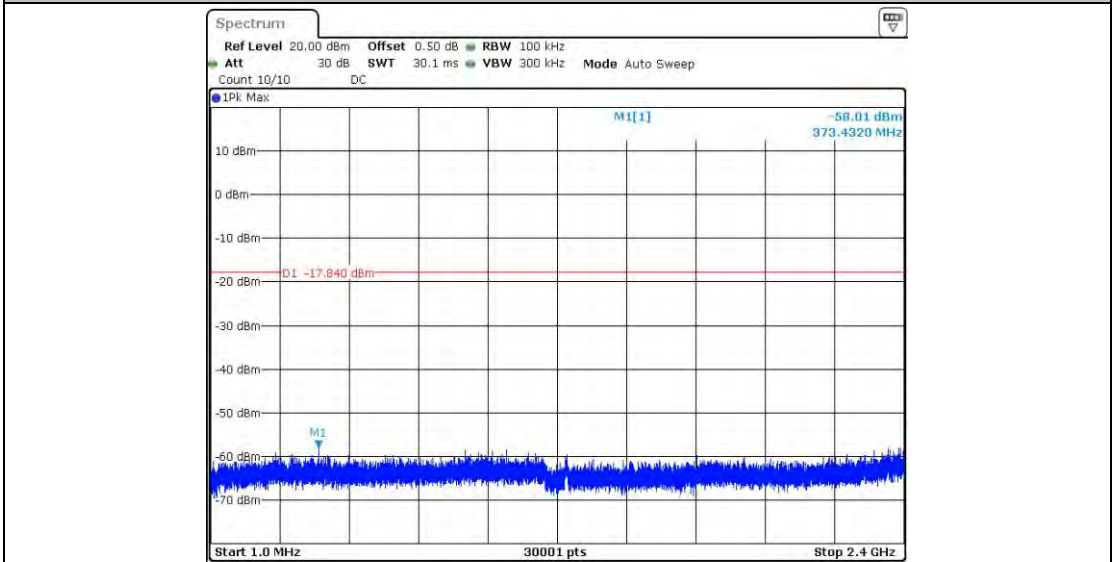


Appendix of 210204040SZN-002

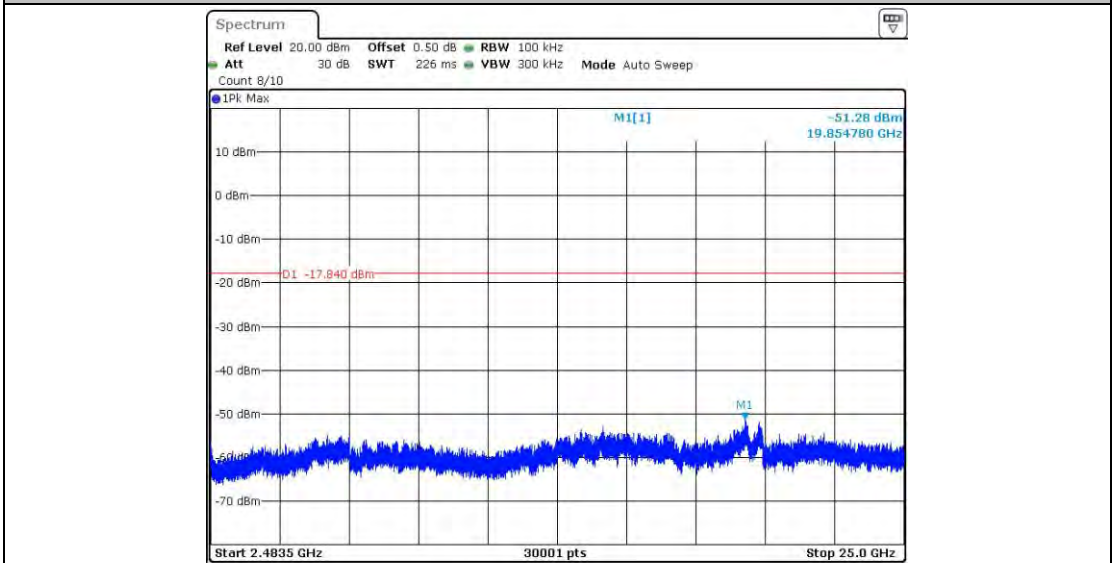




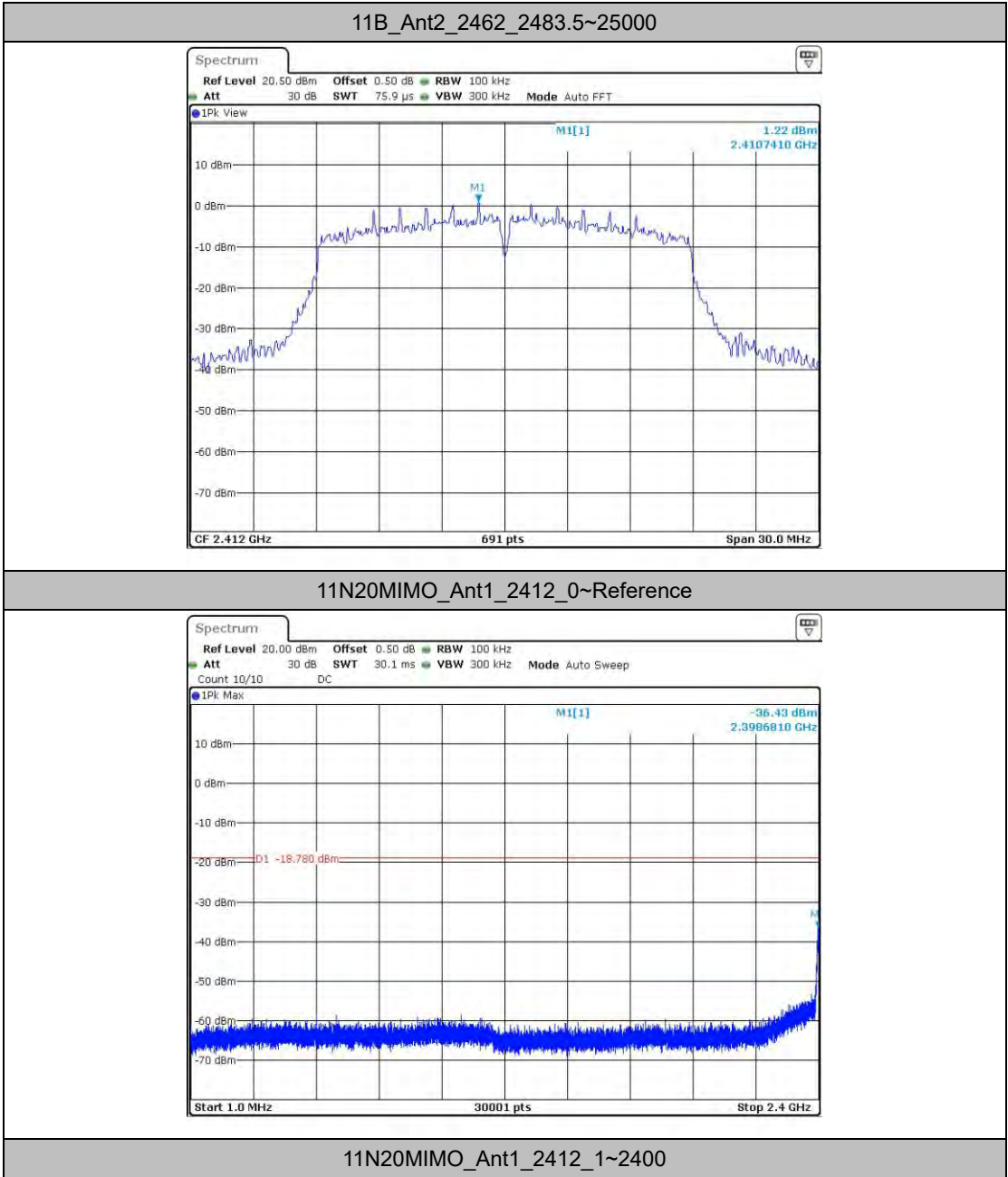
11B_Ant2_2462_0~Reference



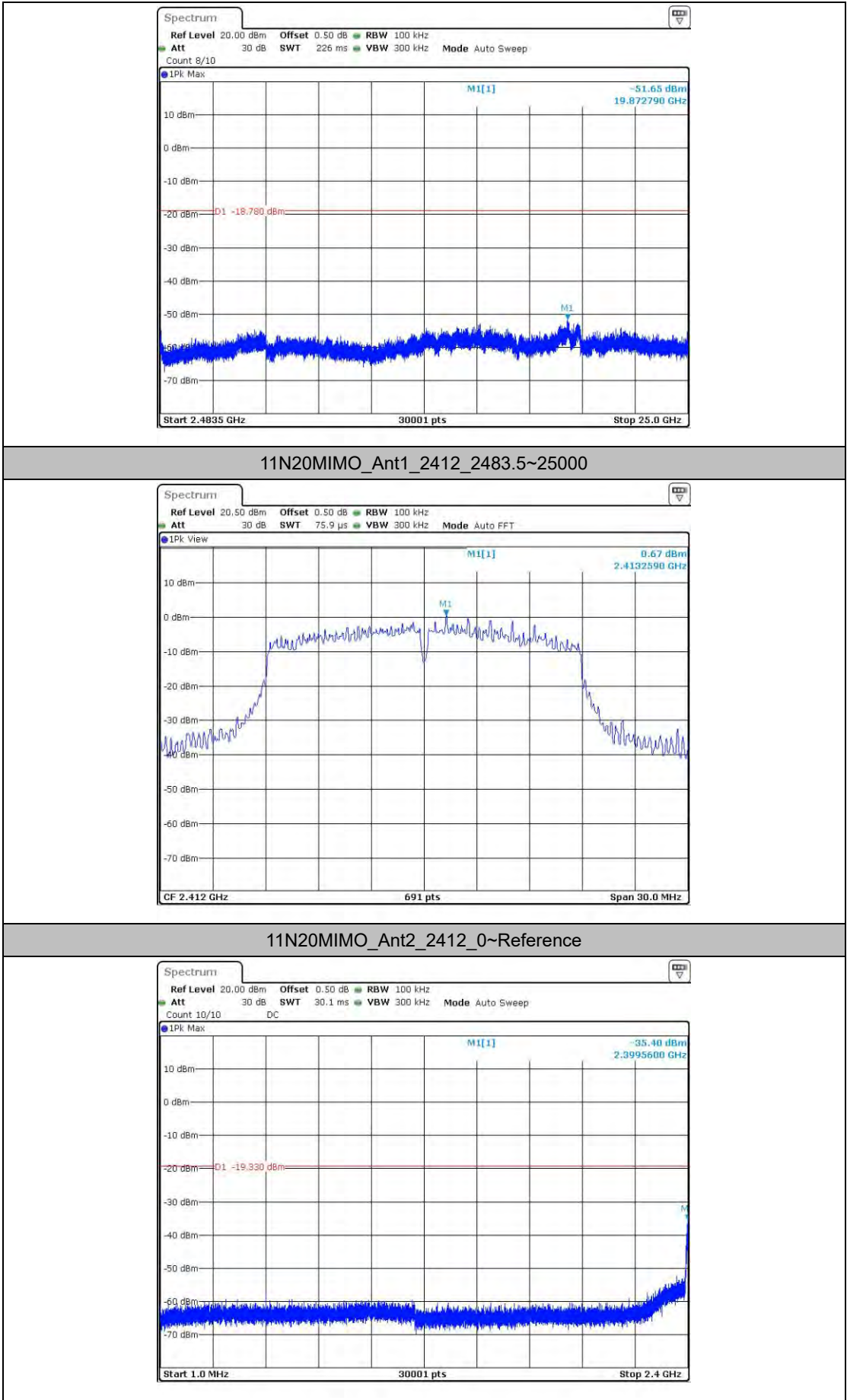
11B_Ant2_2462_1~2400



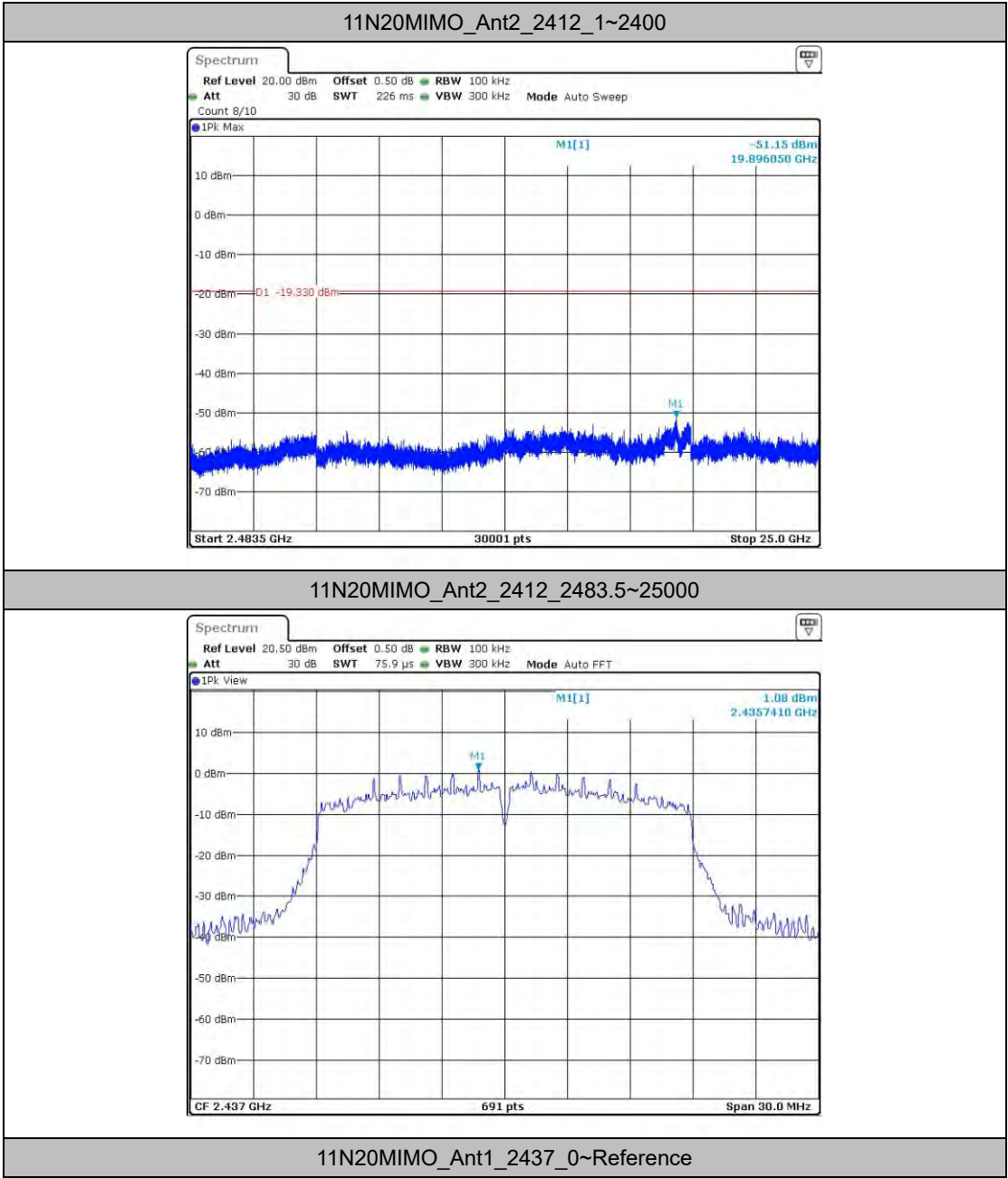
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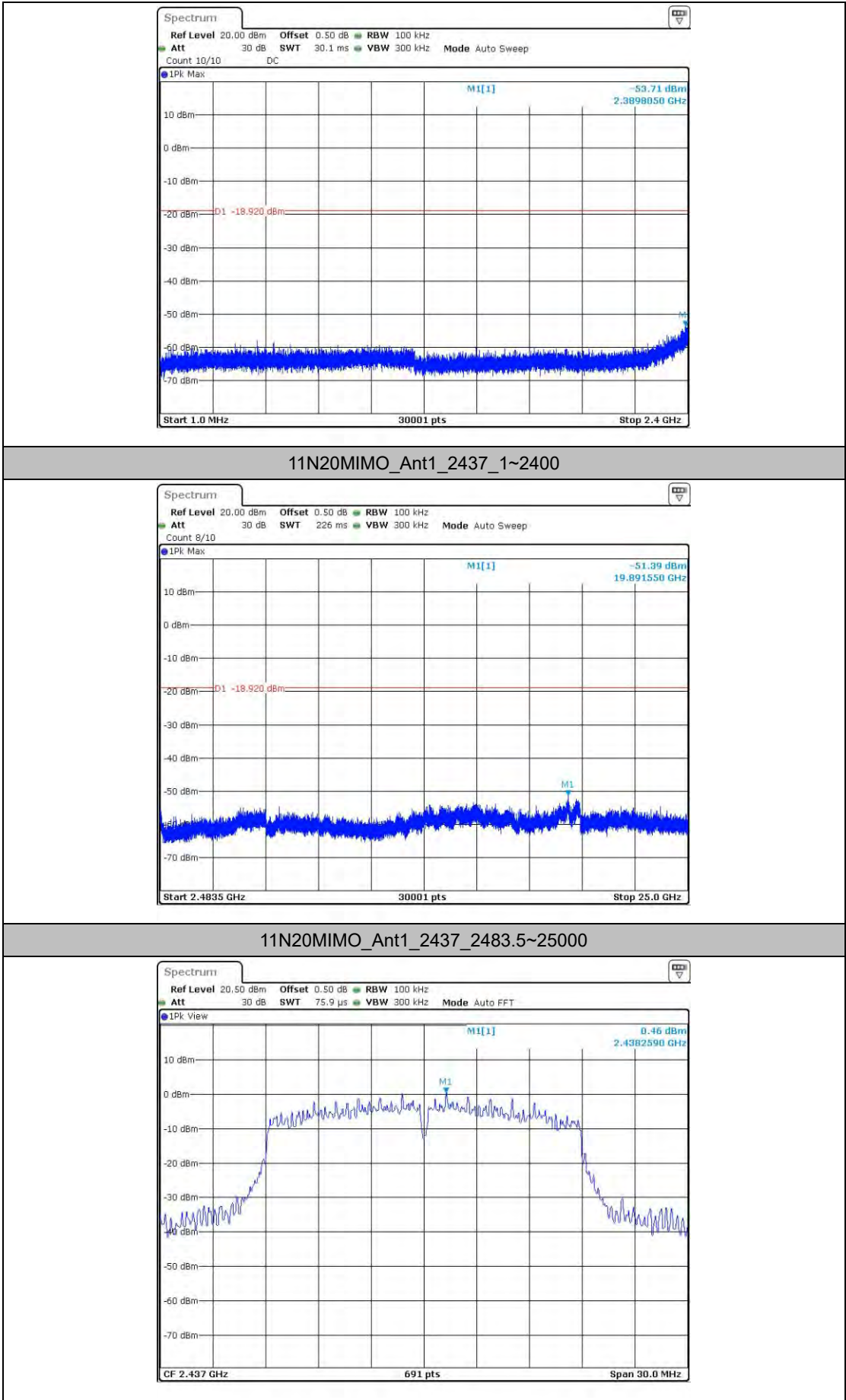
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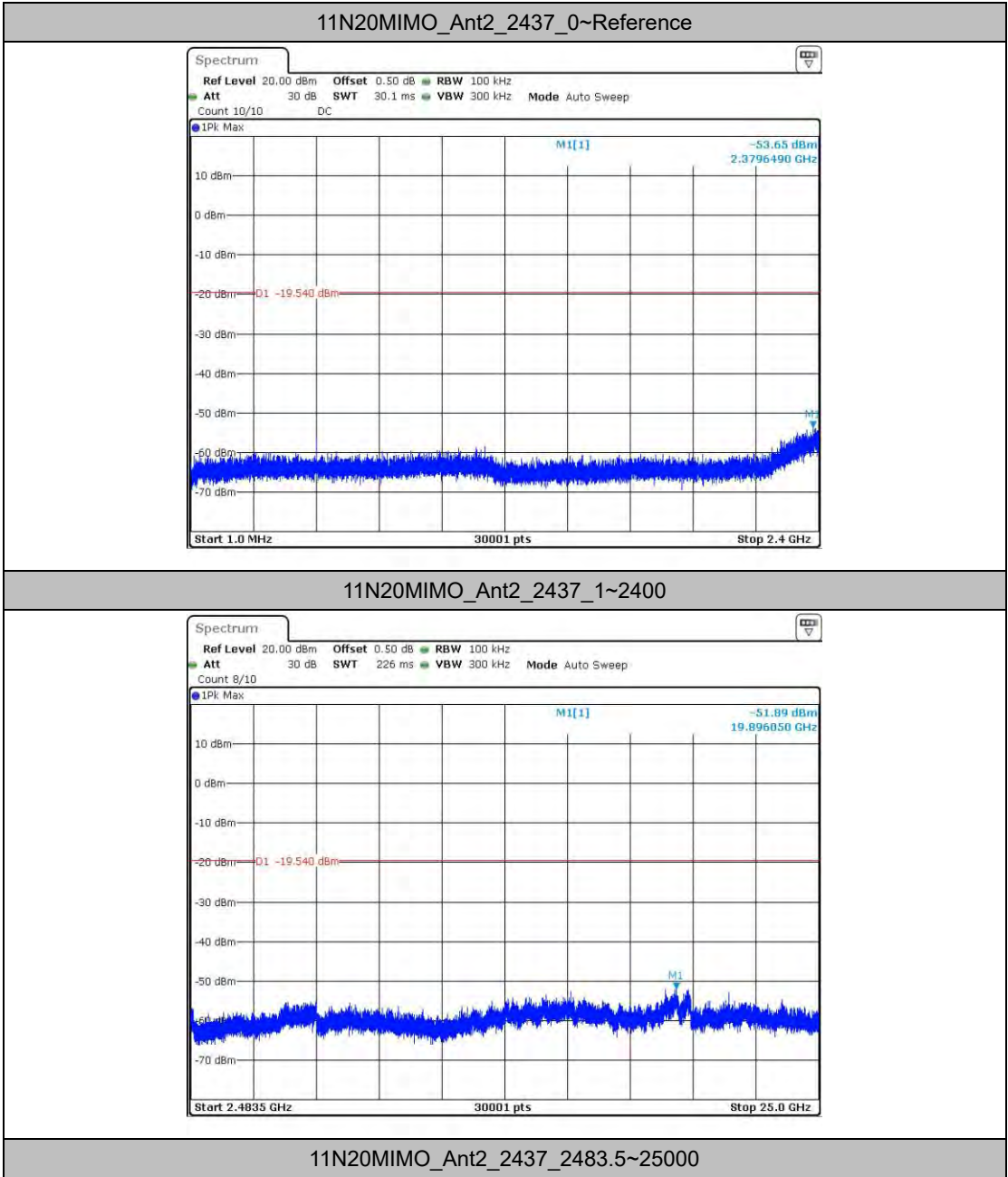
Appendix of 210204040SZN-002

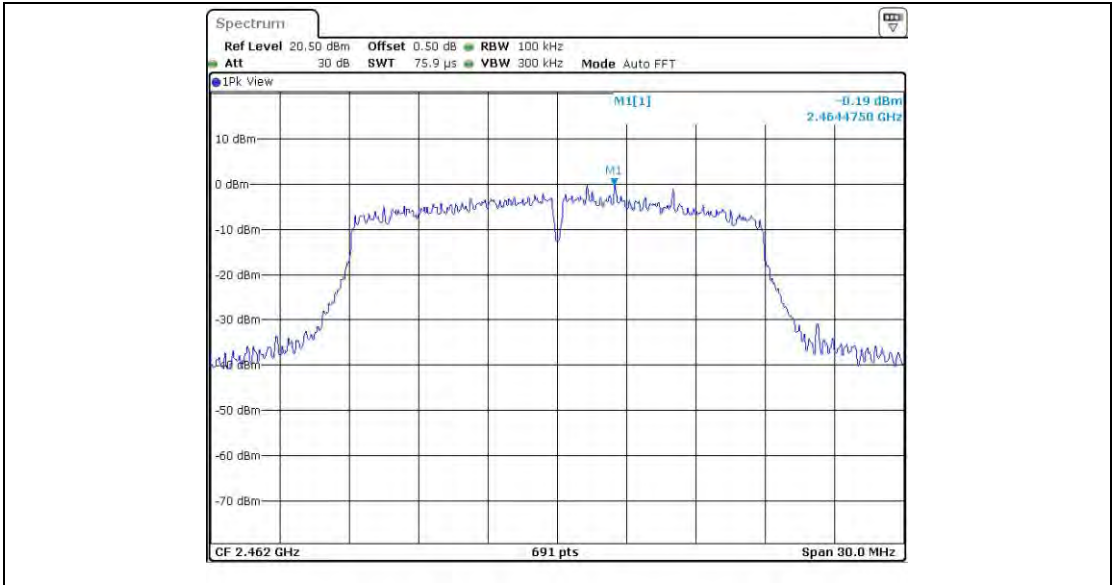


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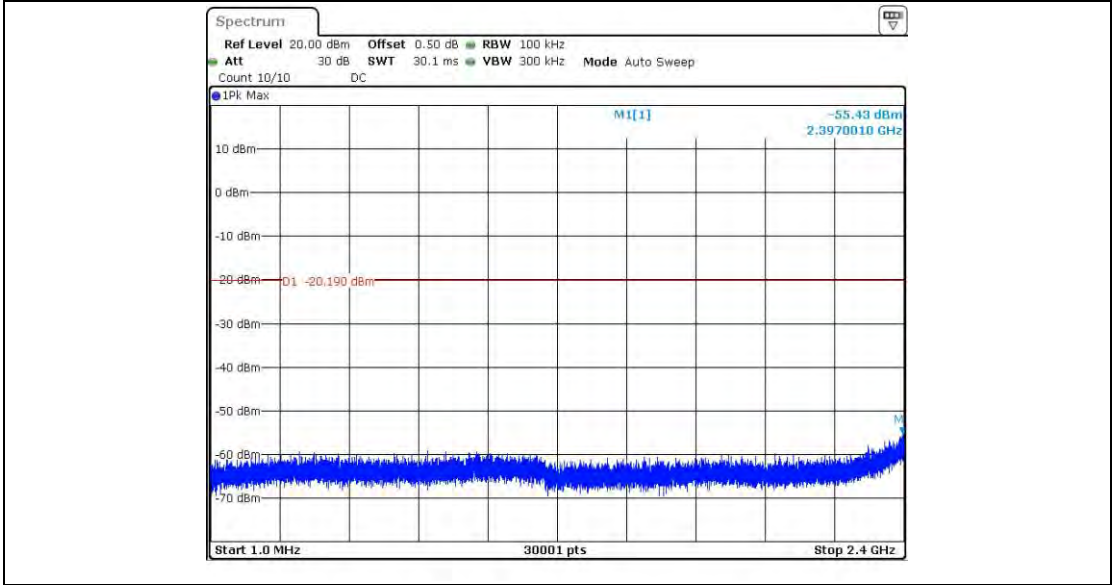


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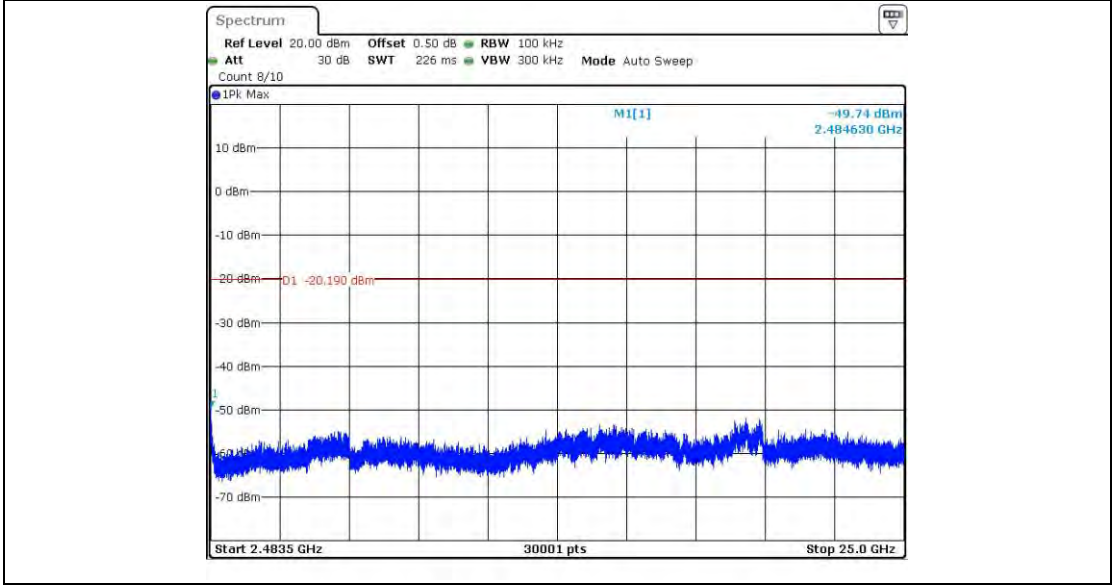




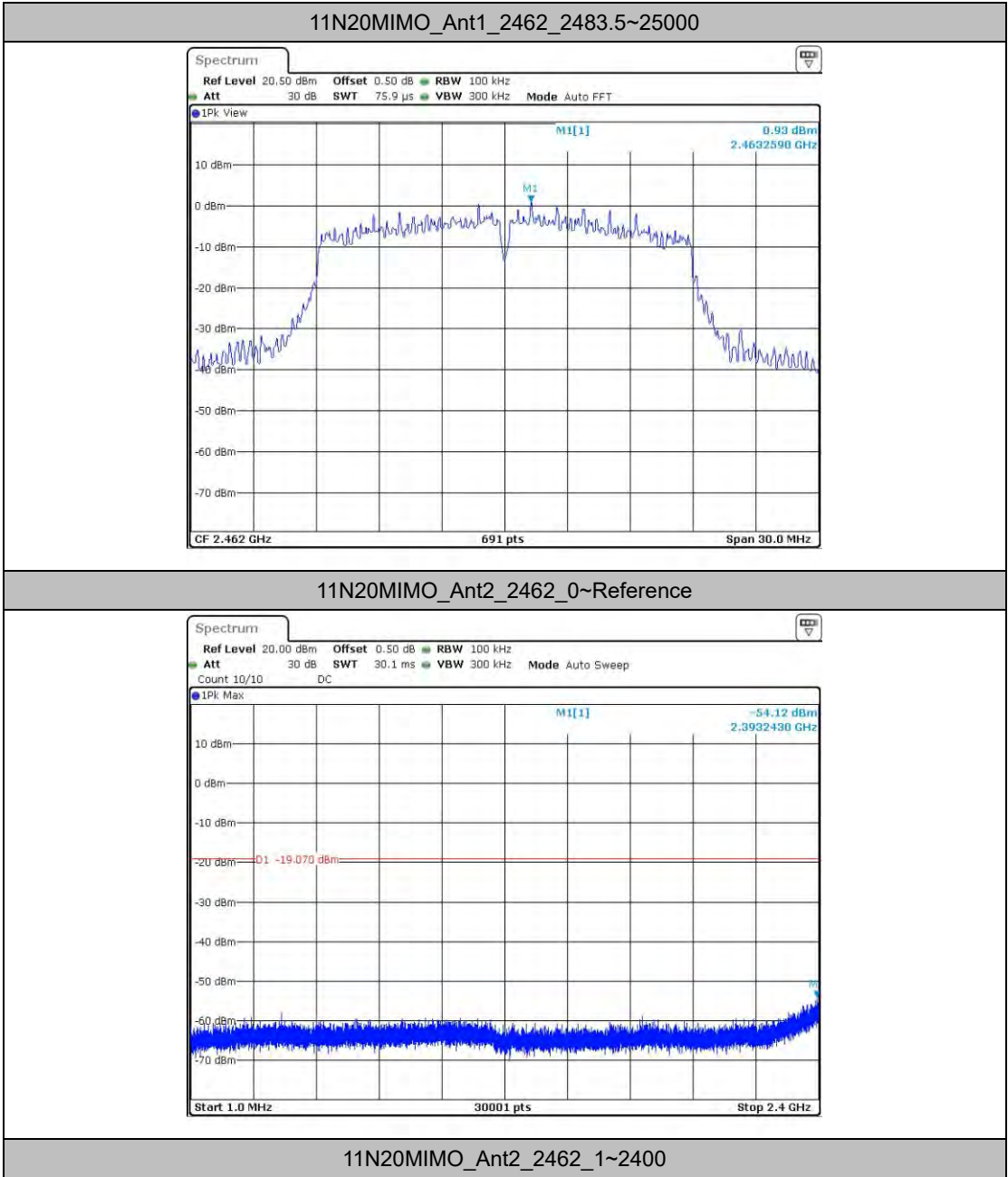
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11N20MIMO_Ant1_2462_1~2400



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