Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11A	Ant1	5180	4.74	<=11	PASS
	Ant2	5180	5.05	<=11	PASS
	Ant1	5200	4.69	<=11	PASS
	Ant2	5200	5.23	<=11	PASS
	Ant1	5240	4.62	<=11	PASS
	Ant2	5240	5.09	<=11	PASS
	Ant1	5260	4.76	<=11	PASS
	Ant2	5260	4.43	<=11	PASS
	Ant1	5280	4.86	<=11	PASS
	Ant2	5280	4.34	<=11	PASS
	Ant1	5320	5	<=11	PASS
	Ant2	5320	4.27	<=11	PASS
	Ant1	5500	4.85	<=11	PASS
	Ant2	5500	5	<=11	PASS
	Ant1	5580	4.75	<=11	PASS
	Ant2	5580	4.53	<=11	PASS
	Ant1	5700	5.54	<=11	PASS
	Ant2	5700	5.12	<=11	PASS
	Ant1	5745	3.76	<=30	PASS
	Ant2	5745	3.66	<=30	PASS
	Ant1	5785	3.28	<=30	PASS
	Ant2	5785	3.13	<=30	PASS
	Ant1	5825	3.64	<=30	PASS
	Ant2	5825	3.65	<=30	PASS
11N20SISO	Ant1	5180	3.27	<=11	PASS
	Ant2	5180	2.95	<=11	PASS
	Ant1	5200	3.34	<=11	PASS
	Ant2	5200	3.21	<=11	PASS
	Ant1	5240	3.21	<=11	PASS
	Ant2	5240	2.93	<=11	PASS
	Ant1	5260	3.25	<=11	PASS
	Ant2	5260	3.32	<=11	PASS
	Ant1	5280	3.39	<=11	PASS
	Ant2	5280	3.26	<=11	PASS
	Ant1	5320	3.29	<=11	PASS
	Ant2	5320	3.33	<=11	PASS
	Ant1	5500	3.4	<=11	PASS
	Ant2	5500	3.92	<=11	PASS
	Ant1	5580	3.2	<=11	PASS
	Ant2	5580	3.09	<=11	PASS

	Ant1	5700	3.77	<=11	PASS
	Ant2	5700	3.72	<=11	PASS
	Ant1	5745	2.38	<=30	PASS
	Ant2	5745	2.13	<=30	PASS
	Ant1	5785	2	<=30	PASS
	Ant2	5785	2.51	<=30	PASS
	Ant1	5825	1.97	<=30	PASS
	Ant2	5825	1.71	<=30	PASS
11N40SISO	Ant1	5190	-0.94	<=11	PASS
	Ant2	5190	-1.03	<=11	PASS
	Ant1	5230	-1.12	<=11	PASS
	Ant2	5230	-1.32	<=11	PASS
	Ant1	5270	-0.73	<=11	PASS
	Ant2	5270	-0.86	<=11	PASS
	Ant1	5310	-0.5	<=11	PASS
	Ant2	5310	-0.79	<=11	PASS
	Ant1	5510	-0.98	<=11	PASS
	Ant2	5510	-0.09	<=11	PASS
	Ant1	5550	-0.95	<=11	PASS
	Ant2	5550	-0.75	<=11	PASS
	Ant1	5670	-0.21	<=11	PASS
	Ant2	5670	-0.27	<=11	PASS
	Ant1	5755	-2.16	<=30	PASS
	Ant2	5755	-1.96	<=30	PASS
	Ant1	5795	-2.52	<=30	PASS
	Ant2	5795	-2.07	<=30	PASS
11AC20SISO	Ant1	5180	2.92	<=11	PASS
	Ant2	5180	2.13	<=11	PASS
	Ant1	5200	2.76	<=11	PASS
	Ant2	5200	2.14	<=11	PASS
	Ant1	5240	2.15	<=11	PASS
	Ant2	5240	2.07	<=11	PASS
	Ant1	5260	2.62	<=11	PASS
	Ant2	5260	2.47	<=11	PASS
	Ant1	5280	2.69	<=11	PASS
	Ant2	5280	2.41	<=11	PASS
	Ant1	5320	2.68	<=11	PASS
	Ant2	5320	2.46	<=11	PASS
	Ant1	5500	2.75	<=11	PASS
	Ant2	5500	2.86	<=11	PASS
	Ant1	5580	2.15	<=11	PASS
	Ant2	5580	2	<=11	PASS
	Ant1	5700	2.47	<=11	PASS
	Ant2	5700	2.81	<=11	PASS
	Ant1	5745	1.1	<=30	PASS

	Ant2	5745	0.76	<=30	PASS
	Ant1	5785	0.56	<=30	PASS
	Ant2	5785	0.7	<=30	PASS
	Ant1	5825	0.85	<=30	PASS
	Ant2	5825	1.38	<=30	PASS
11AC40SISO	Ant1	5190	-1.2	<=11	PASS
	Ant2	5190	-0.49	<=11	PASS
	Ant1	5230	-0.79	<=11	PASS
	Ant2	5230	-0.46	<=11	PASS
	Ant1	5270	-0.74	<=11	PASS
	Ant2	5270	-0.85	<=11	PASS
	Ant1	5310	-0.57	<=11	PASS
	Ant2	5310	-0.89	<=11	PASS
	Ant1	5510	-0.02	<=11	PASS
	Ant2	5510	-0.13	<=11	PASS
	Ant1	5550	-0.99	<=11	PASS
	Ant2	5550	-1.1	<=11	PASS
	Ant1	5670	-0.06	<=11	PASS
	Ant2	5670	-0.09	<=11	PASS
	Ant1	5755	-1.95	<=30	PASS
	Ant2	5755	-1.67	<=30	PASS
	Ant1	5795	0.07	<=30	PASS
	Ant2	5795	-1.88	<=30	PASS
11AC80SISO	Ant1	5210	-3.69	<=11	PASS
	Ant2	5210	-3.04	<=11	PASS
	Ant1	5290	-3.36	<=11	PASS
	Ant2	5290	-3.62	<=11	PASS
	Ant1	5530	-3.31	<=11	PASS
	Ant2	5530	-3.15	<=11	PASS
	Ant1	5610	-2.83	<=11	PASS
	Ant2	5610	-3.41	<=11	PASS
	Ant1	5775	-4.47	<=30	PASS
	Ant2	5775	-4.39	<=30	PASS
11N20MIMO	Ant1	5180	3.38	<=11	PASS
	Ant2	5180	4.68	<=11	PASS
	total	5180	7.09	<=11	PASS
	Ant1	5200	3.96	<=11	PASS
	Ant2	5200	5.07	<=11	PASS
	total	5200	7.56	<=11	PASS
	Ant1	5240	3.79	<=11	PASS
	Ant2	5240	5	<=11	PASS
	total	5240	7.45	<=11	PASS
	Ant1	5260	3.27	<=11	PASS
	Ant2	5260	5.08	<=11	PASS
	total	5260	7.28	<=11	PASS

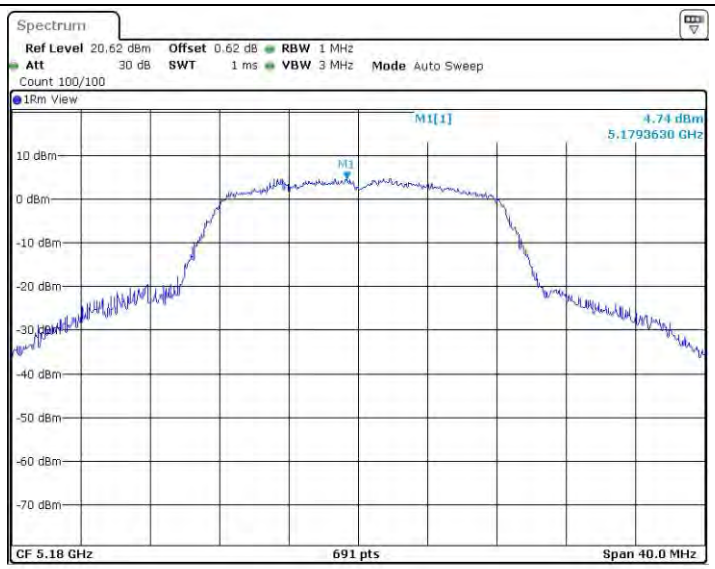
	Ant1	5280	3.52	<=11	PASS
	Ant2	5280	5.41	<=11	PASS
	total	5280	7.58	<=11	PASS
	Ant1	5320	3.86	<=11	PASS
	Ant2	5320	5.3	<=11	PASS
	total	5320	7.65	<=11	PASS
	Ant1	5500	3.32	<=11	PASS
	Ant2	5500	6.34	<=11	PASS
	total	5500	8.10	<=11	PASS
	Ant1	5580	3.4	<=11	PASS
	Ant2	5580	5.21	<=11	PASS
	total	5580	7.41	<=11	PASS
	Ant1	5700	3.76	<=11	PASS
	Ant2	5700	4.99	<=11	PASS
	total	5700	7.43	<=11	PASS
	Ant1	5745	2.34	<=30	PASS
	Ant2	5745	3.28	<=30	PASS
	total	5745	5.85	<=30	PASS
	Ant1	5785	1.81	<=30	PASS
	Ant2	5785	3.65	<=30	PASS
	total	5785	5.84	<=30	PASS
	Ant1	5825	2.7	<=30	PASS
	Ant2	5825	3.54	<=30	PASS
	total	5825	6.15	<=30	PASS
11N40MIMO	Ant1	5190	0.91	<=11	PASS
	Ant2	5190	0.33	<=11	PASS
	total	5190	3.64	<=11	PASS
	Ant1	5230	-0.61	<=11	PASS
	Ant2	5230	0.78	<=11	PASS
	total	5230	3.15	<=11	PASS
	Ant1	5270	1.29	<=11	PASS
	Ant2	5270	-0.08	<=11	PASS
	total	5270	3.67	<=11	PASS
	Ant1	5310	0.03	<=11	PASS
	Ant2	5310	1.24	<=11	PASS
	total	5310	3.69	<=11	PASS
	Ant1	5510	2.18	<=11	PASS
	Ant2	5510	-0.31	<=11	PASS
	total	5510	4.12	<=11	PASS
	Ant1	5550	-0.71	<=11	PASS
	Ant2	5550	0.98	<=11	PASS
	total	5550	3.23	<=11	PASS
	Ant1	5670	2.03	<=11	PASS
	Ant2	5670	-0.35	<=11	PASS
	total	5670	4.01	<=11	PASS

	Ant1	5755	-1.91	<=30	PASS
	Ant2	5755	-1.03	<=30	PASS
	total	5755	1.56	<=30	PASS
	Ant1	5795	-0.25	<=30	PASS
	Ant2	5795	-1.82	<=30	PASS
	total	5795	2.05	<=30	PASS
11AC20MIMO	Ant1	5180	2.52	<=11	PASS
	Ant2	5180	2.34	<=11	PASS
	total	5180	5.44	<=11	PASS
	Ant1	5200	2.19	<=11	PASS
	Ant2	5200	2.63	<=11	PASS
	total	5200	5.43	<=11	PASS
	Ant1	5240	2.55	<=11	PASS
	Ant2	5240	1.56	<=11	PASS
	total	5240	5.09	<=11	PASS
	Ant1	5260	1.97	<=11	PASS
	Ant2	5260	2.72	<=11	PASS
	total	5260	5.37	<=11	PASS
	Ant1	5280	2.93	<=11	PASS
	Ant2	5280	1.94	<=11	PASS
	total	5280	5.47	<=11	PASS
	Ant1	5320	2.14	<=11	PASS
	Ant2	5320	3.18	<=11	PASS
	total	5320	5.70	<=11	PASS
	Ant1	5500	4.28	<=11	PASS
	Ant2	5500	1.75	<=11	PASS
	total	5500	6.21	<=11	PASS
	Ant1	5580	2.54	<=11	PASS
	Ant2	5580	1.71	<=11	PASS
	total	5580	5.16	<=11	PASS
	Ant1	5700	2.83	<=11	PASS
	Ant2	5700	3.41	<=11	PASS
	total	5700	6.14	<=11	PASS
	Ant1	5745	1.06	<=30	PASS
	Ant2	5745	0.98	<=30	PASS
	total	5745	4.03	<=30	PASS
	Ant1	5785	0.75	<=30	PASS
	Ant2	5785	1.12	<=30	PASS
	total	5785	3.95	<=30	PASS
	Ant1	5825	0.01	<=30	PASS
	Ant2	5825	1.5	<=30	PASS
	total	5825	3.83	<=30	PASS
11AC40MIMO	Ant1	5190	-1.6	<=11	PASS
	Ant2	5190	-0.94	<=11	PASS
	total	5190	1.75	<=11	PASS

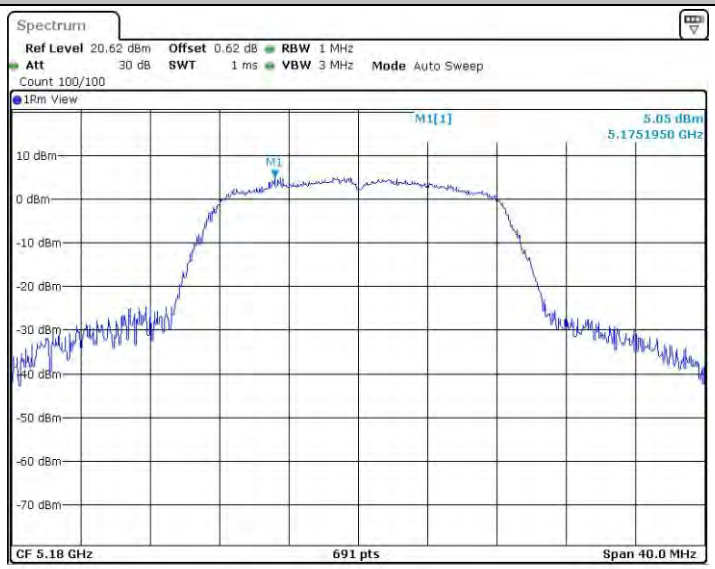
	Ant1	5230	-0.81	<=11	PASS
	Ant2	5230	-1.03	<=11	PASS
	total	5230	2.09	<=11	PASS
	Ant1	5270	-1.46	<=11	PASS
	Ant2	5270	-0.6	<=11	PASS
	total	5270	2.00	<=11	PASS
	Ant1	5310	-0.34	<=11	PASS
	Ant2	5310	-0.99	<=11	PASS
	total	5310	2.36	<=11	PASS
	Ant1	5510	-1.72	<=11	PASS
	Ant2	5510	0.48	<=11	PASS
	total	5510	2.53	<=11	PASS
	Ant1	5550	-1.16	<=11	PASS
	Ant2	5550	0.06	<=11	PASS
	total	5550	2.50	<=11	PASS
	Ant1	5670	0.23	<=11	PASS
	Ant2	5670	-0.79	<=11	PASS
	total	5670	2.76	<=11	PASS
	Ant1	5755	-2.18	<=30	PASS
	Ant2	5755	-1.81	<=30	PASS
	total	5755	1.02	<=30	PASS
	Ant1	5795	-1.49	<=30	PASS
	Ant2	5795	-1.5	<=30	PASS
	total	5795	1.52	<=30	PASS
11AC80MIMO	Ant1	5210	2.62	<=11	PASS
	Ant2	5210	-2.85	<=11	PASS
	total	5210	3.70	<=11	PASS
	Ant1	5290	-2.72	<=11	PASS
	Ant2	5290	-1.78	<=11	PASS
	total	5290	0.79	<=11	PASS
	Ant1	5530	-3.34	<=11	PASS
	Ant2	5530	3.09	<=11	PASS
	total	5530	3.98	<=11	PASS
	Ant1	5610	-1.39	<=11	PASS
	Ant2	5610	-2.56	<=11	PASS
	total	5610	1.07	<=11	PASS
	Ant1	5775	-4.69	<=30	PASS
	Ant2	5775	-3.04	<=30	PASS
	total	5775	-0.78	<=30	PASS

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

Test Graphs

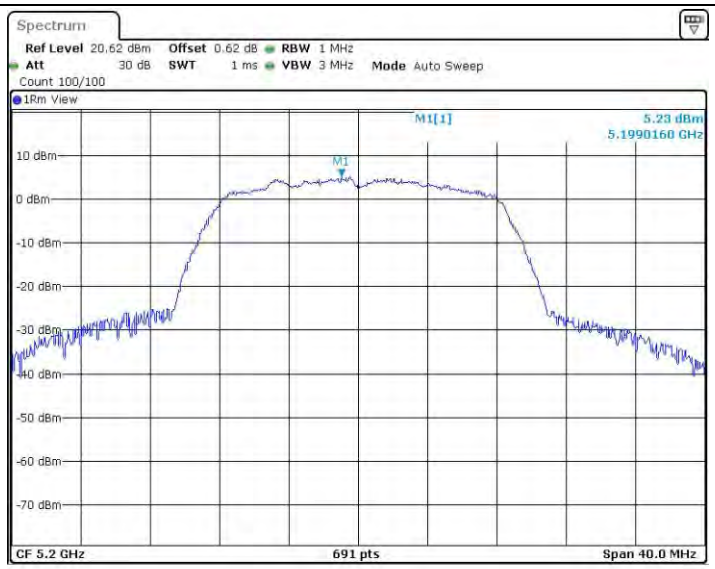


11A_Ant1_5180



11A_Ant2_5180

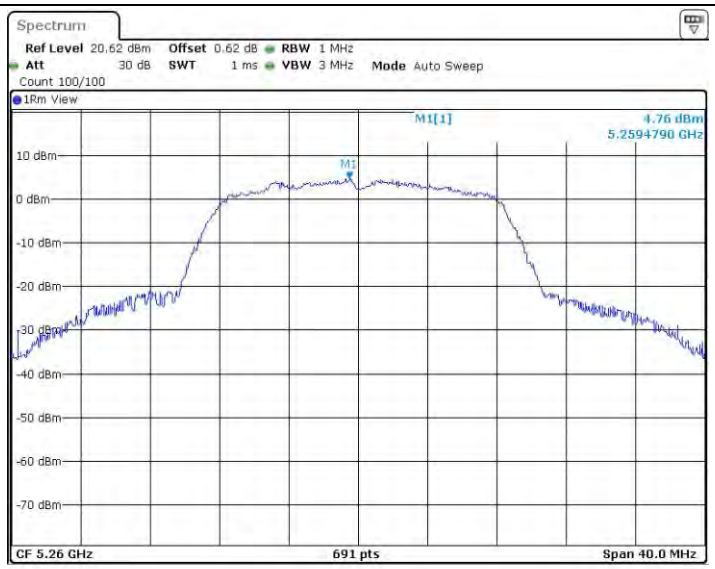
11A_Ant1_5200



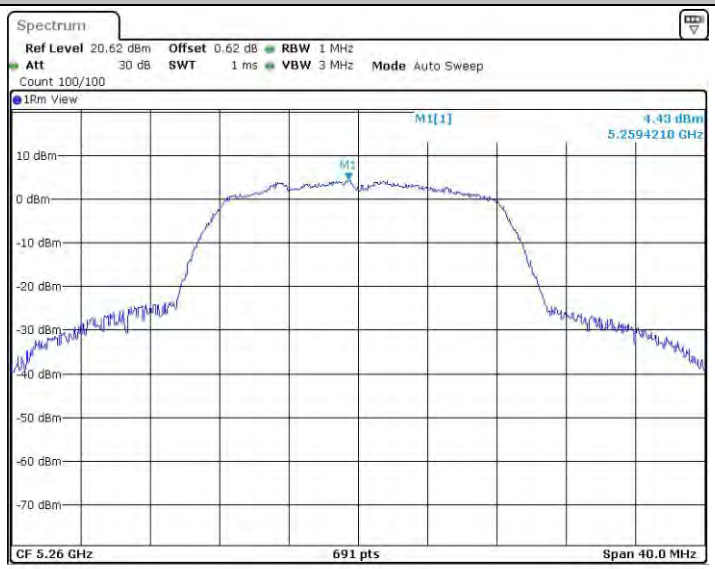
11A_Ant2_5200

11A_Ant1_5240

11A_Ant2_5240

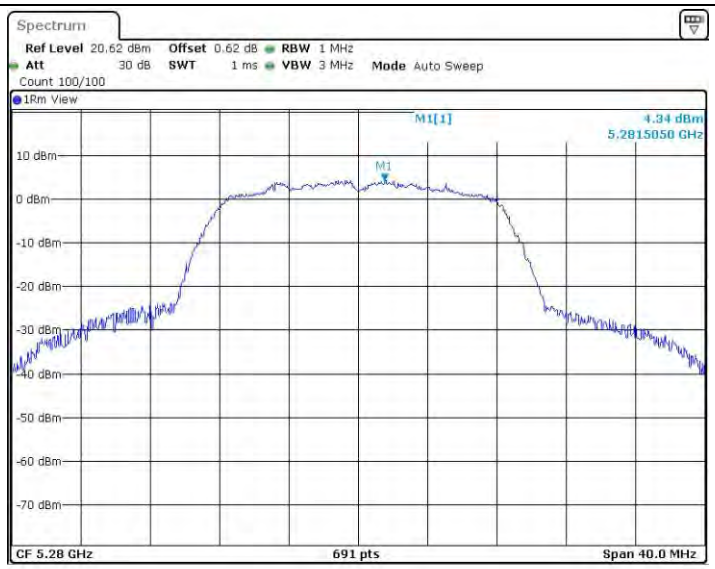


11A_Ant1_5260

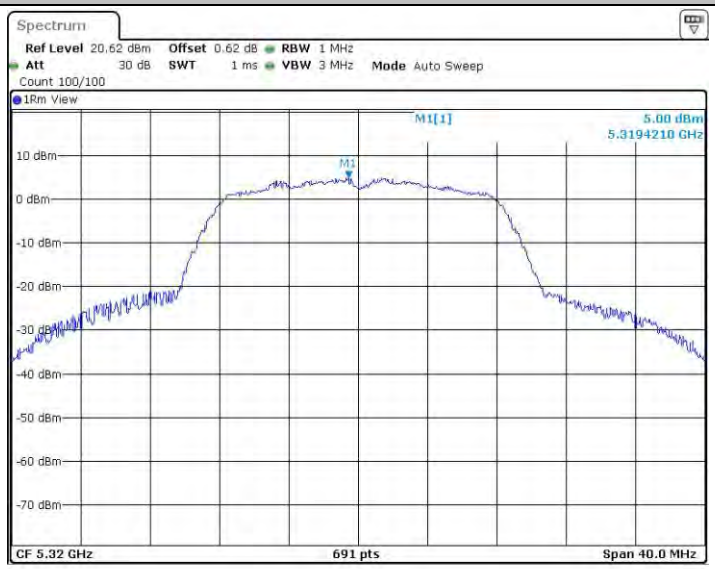


11A_Ant2_5260

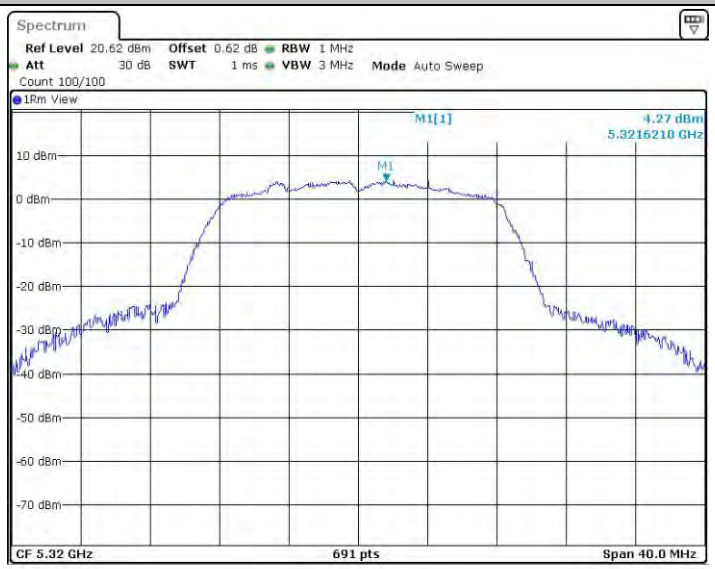
11A_Ant1_5280



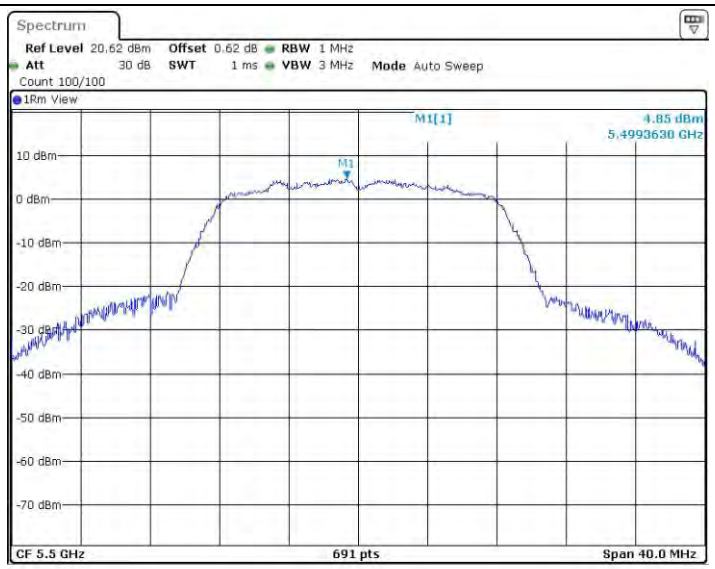
11A_Ant2_5280



11A_Ant1_5320



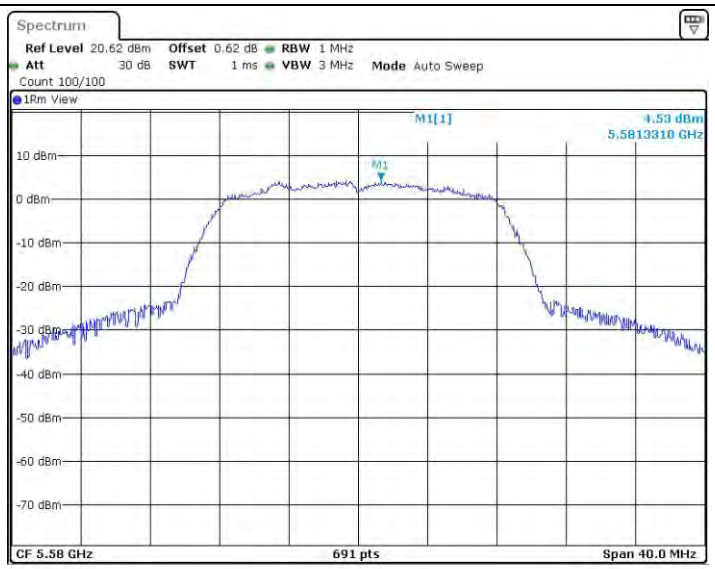
11A_Ant2_5320



11A_Ant1_5500

11A_Ant2_5500

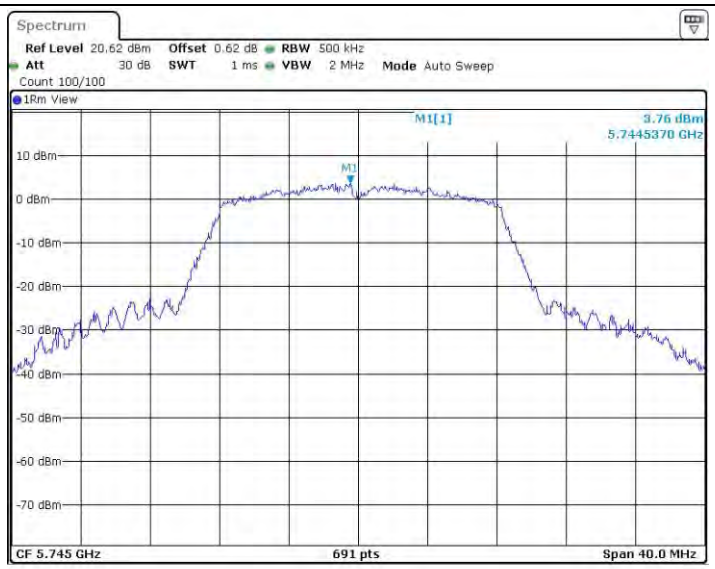
11A_Ant1_5580



11A_Ant2_5580

11A_Ant1_5700

11A_Ant2_5700



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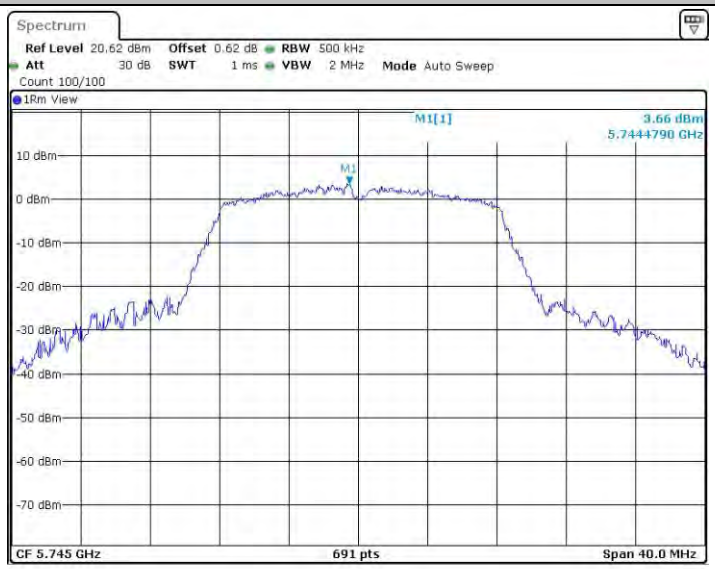

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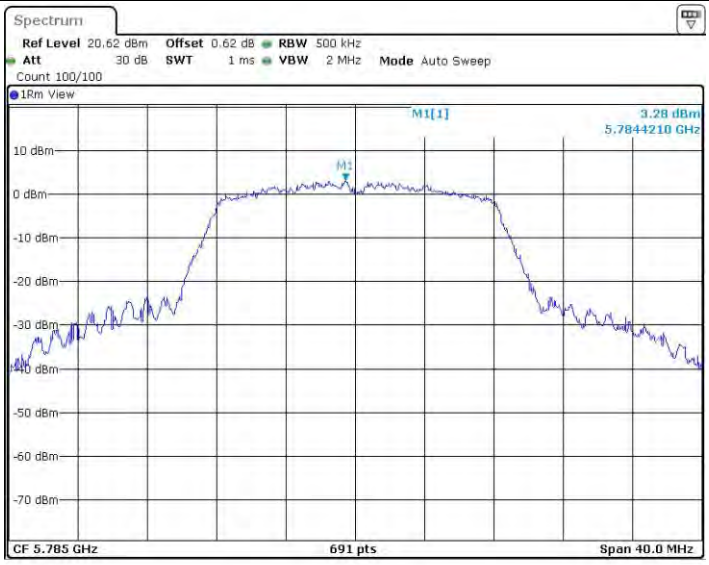

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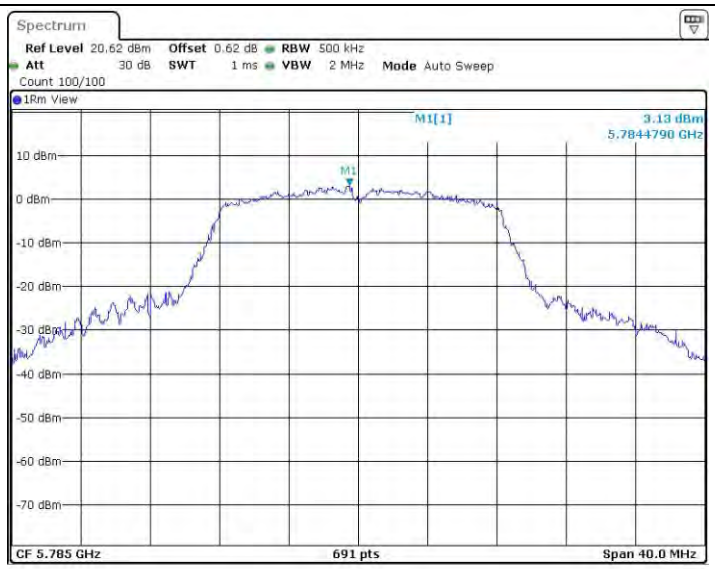

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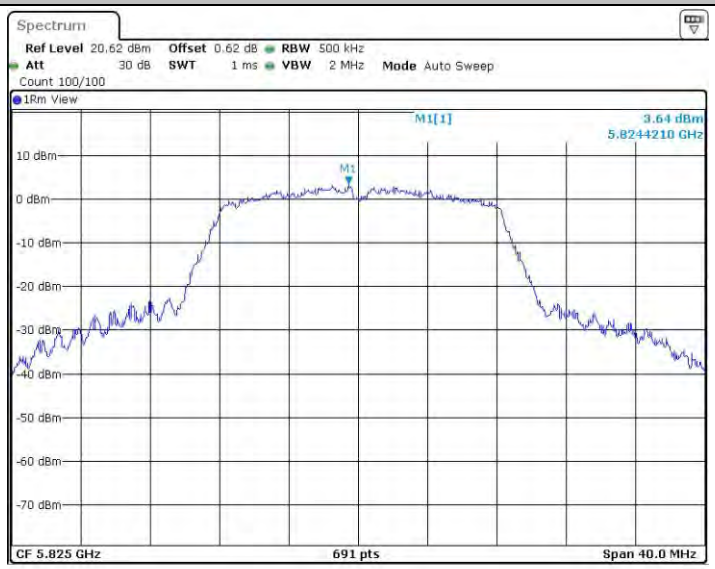
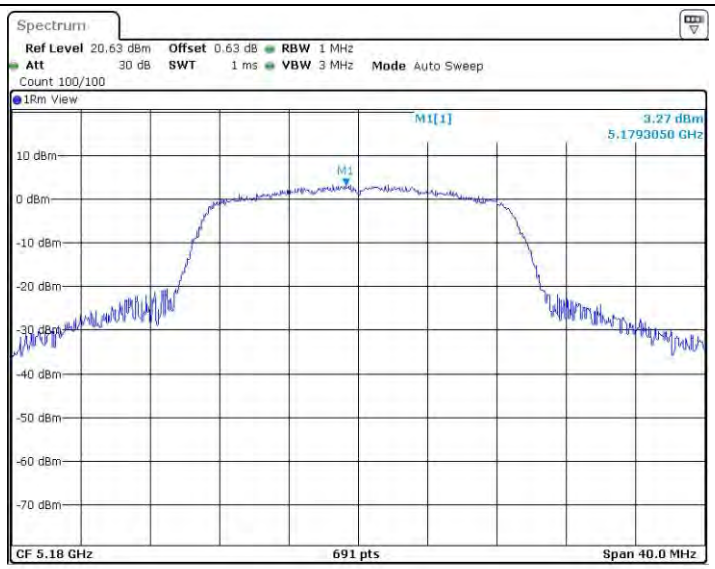
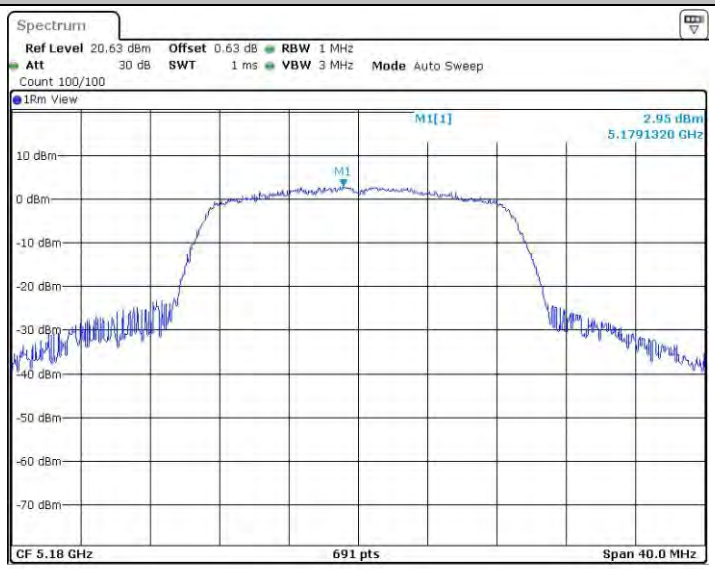


11A_Ant1_5825

11A_Ant2_5825

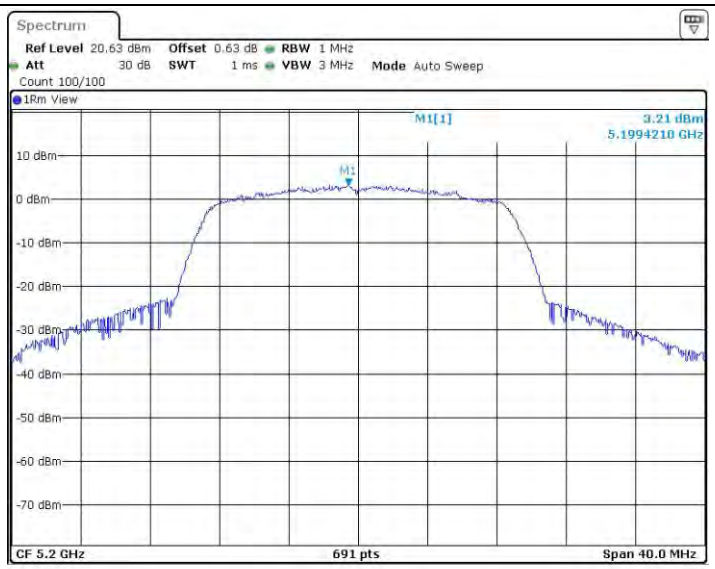


11N20SISO_Ant1_5180



11N20SISO_Ant2_5180

11N20SISO_Ant1_5200



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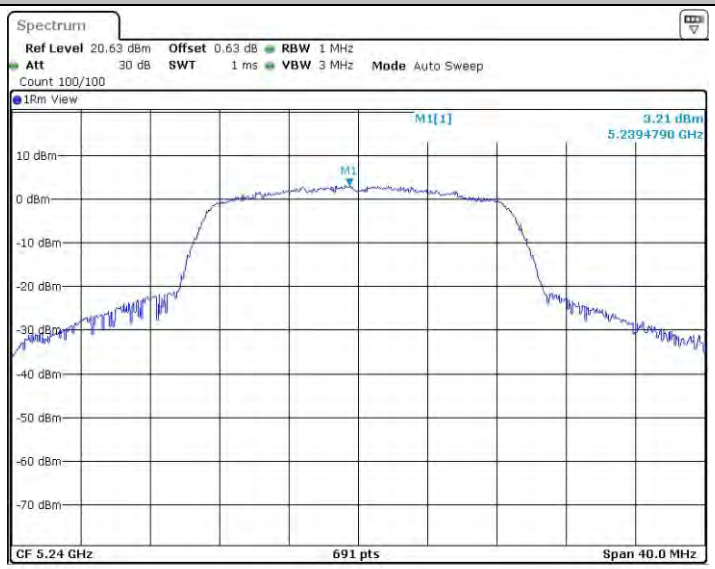

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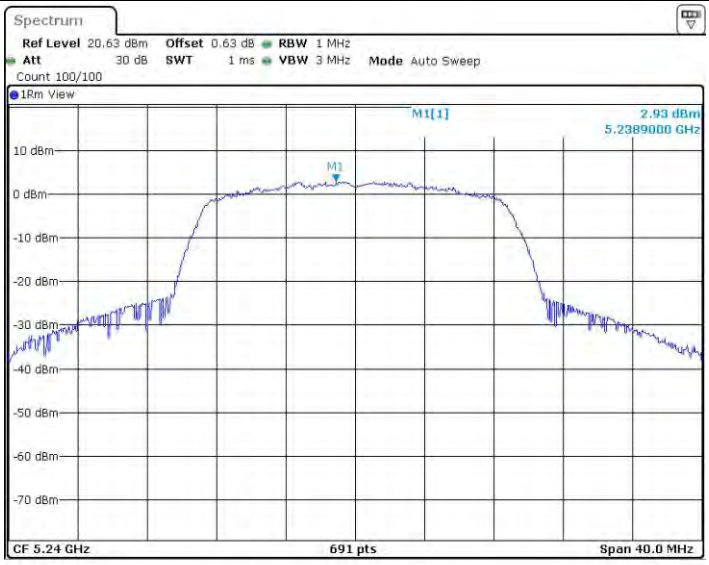

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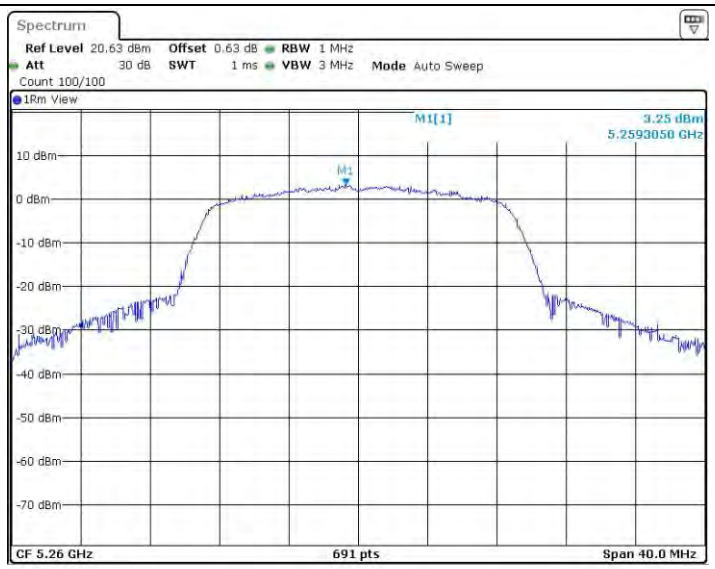

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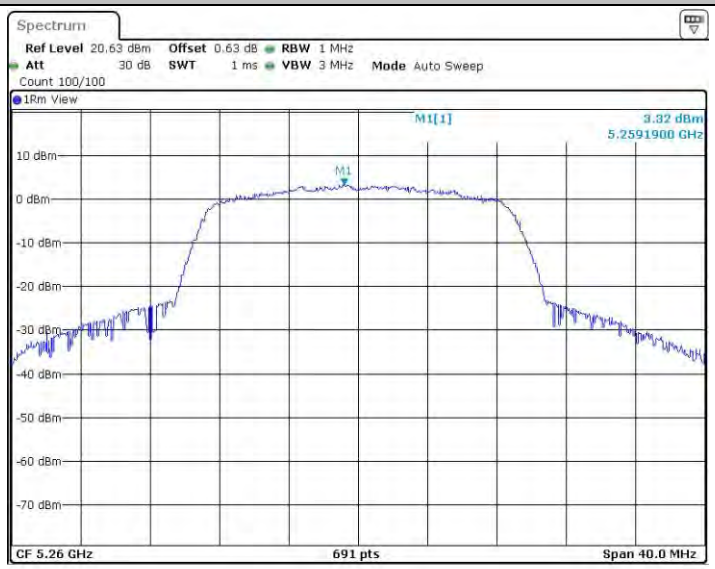
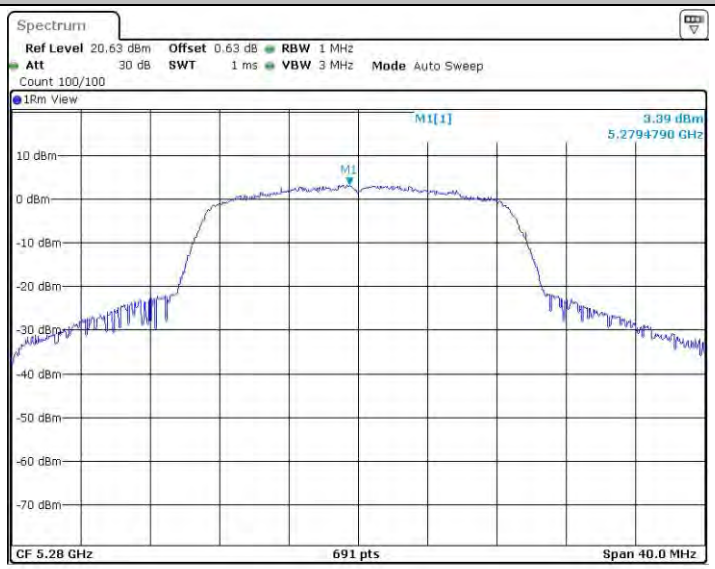
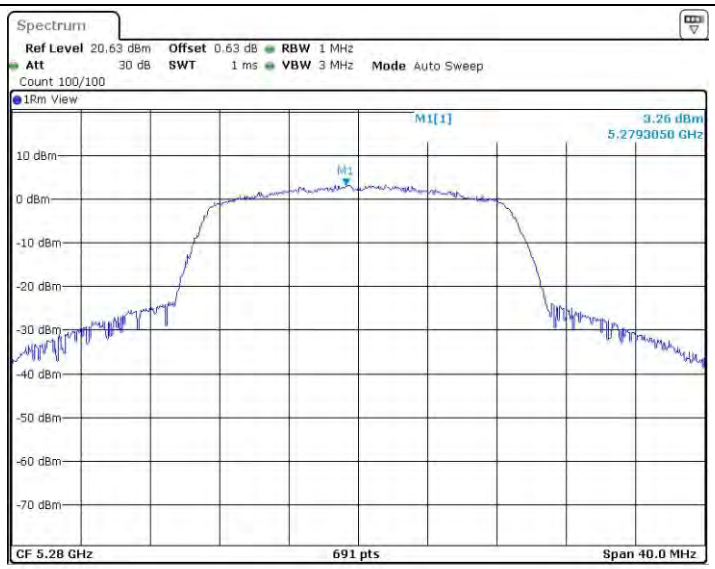


11N20SISO_Ant2_5260



11N20SISO_Ant1_5280



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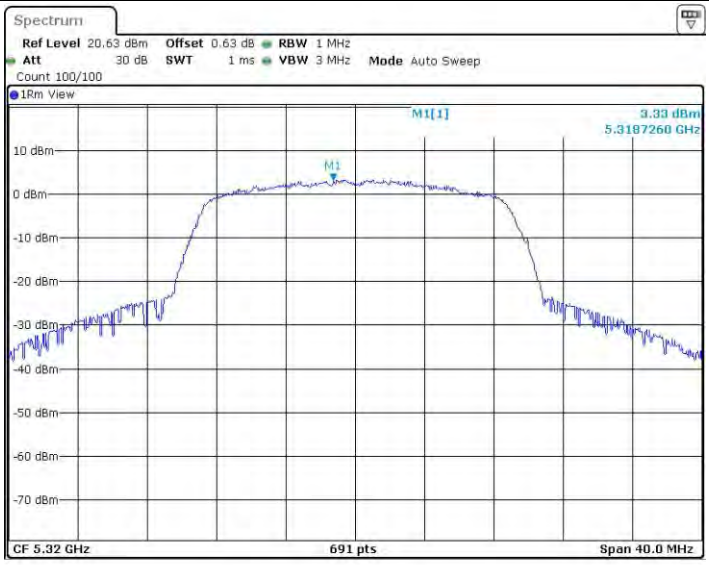

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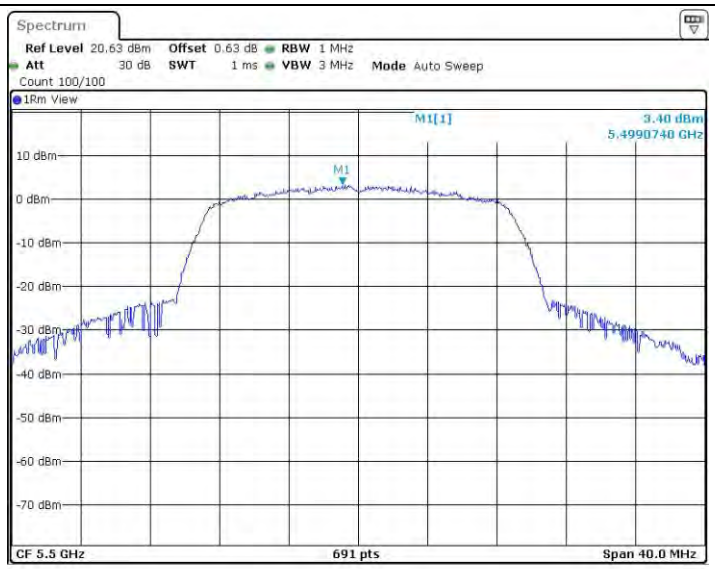

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11N20SISO_Ant2_5500

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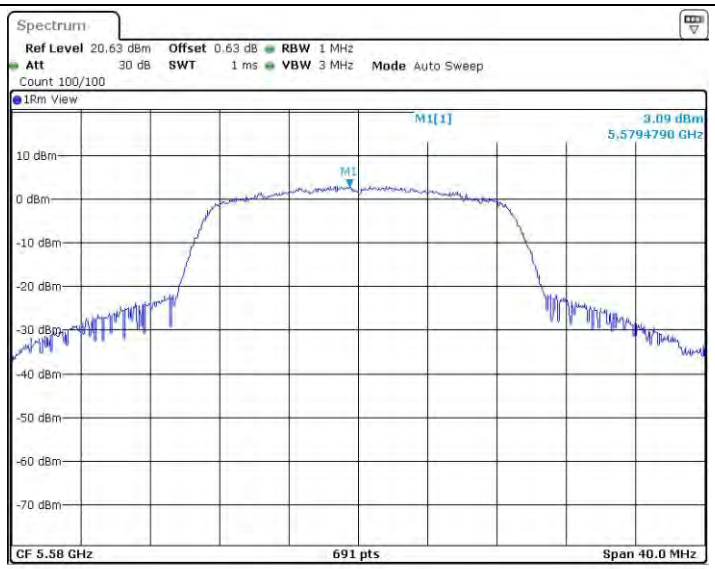

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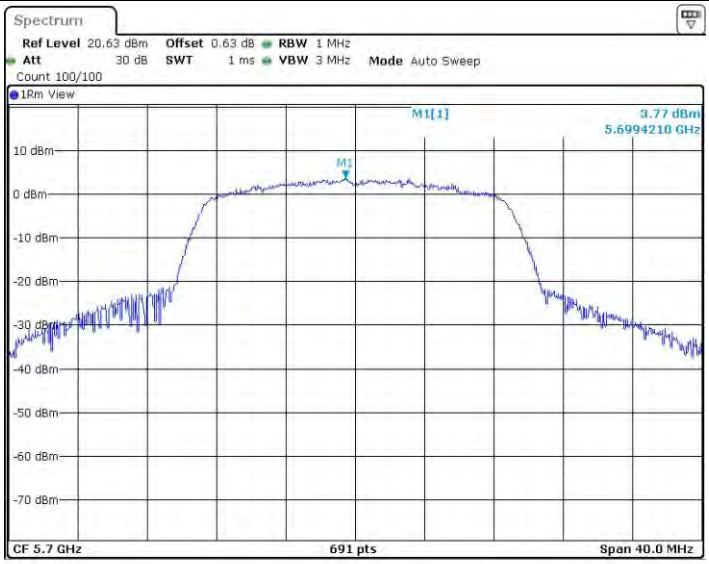

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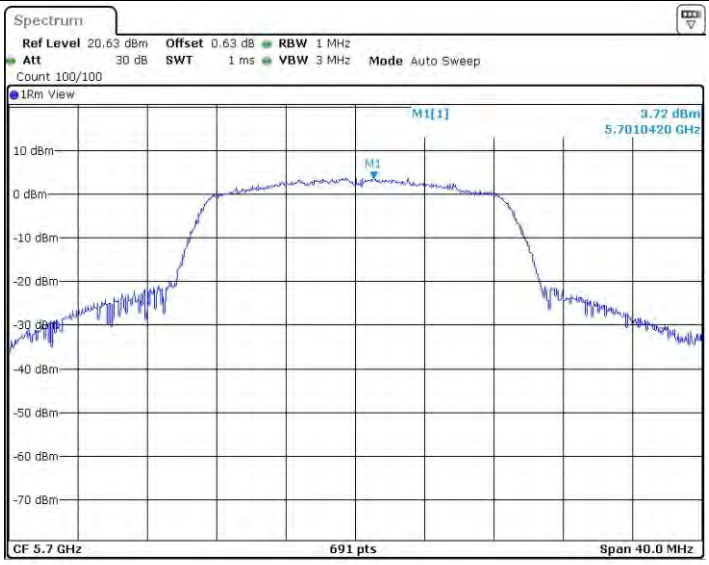

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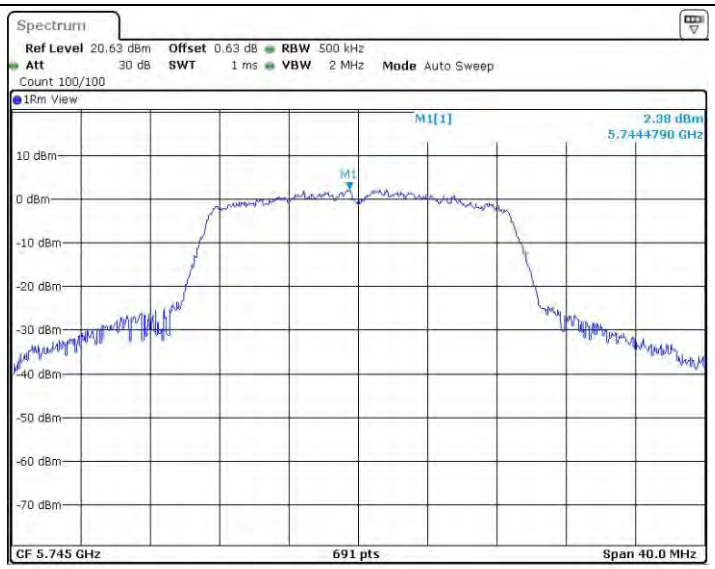

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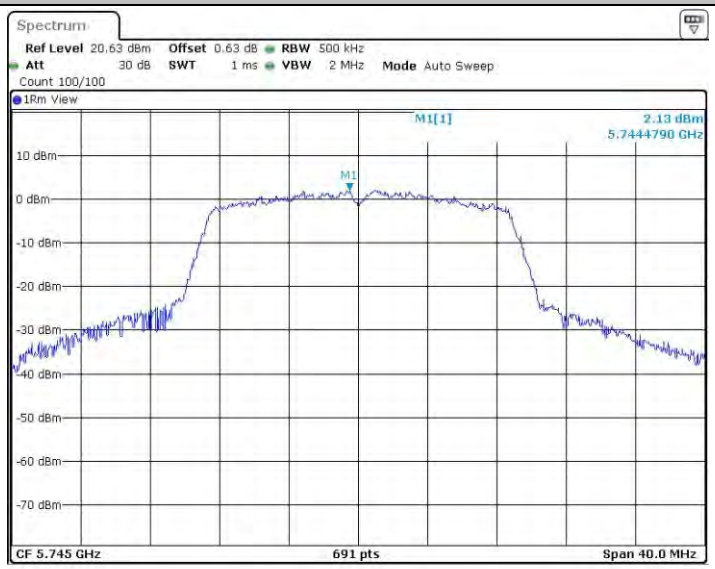

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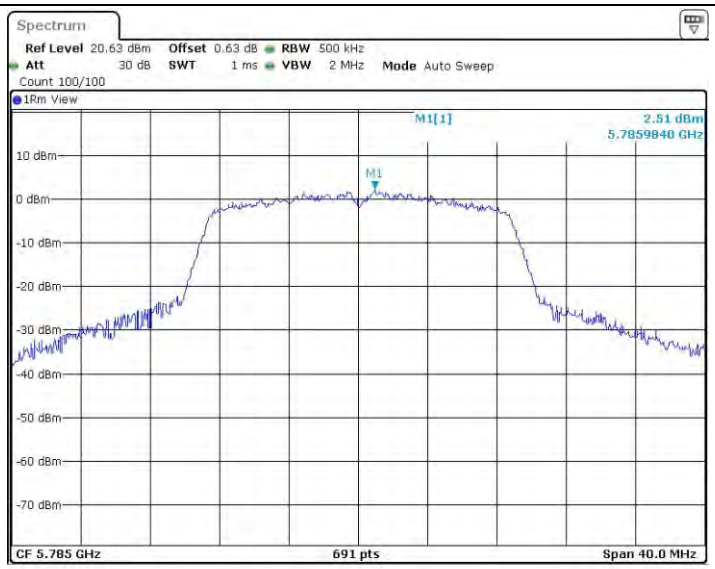

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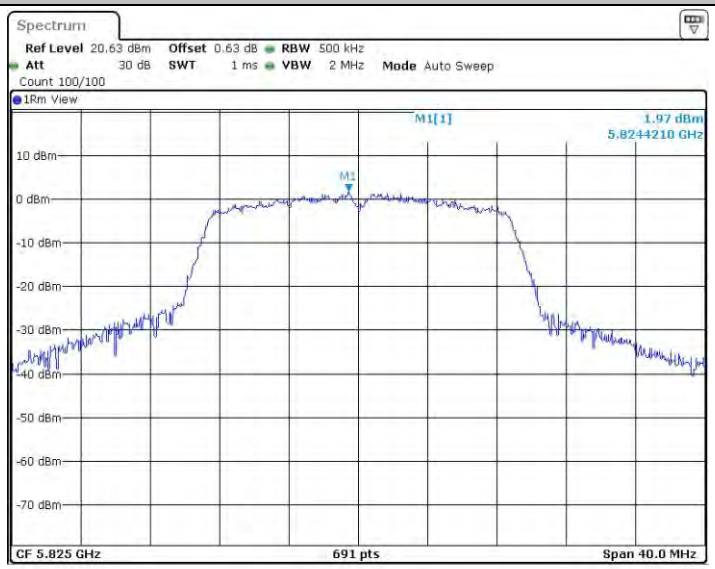

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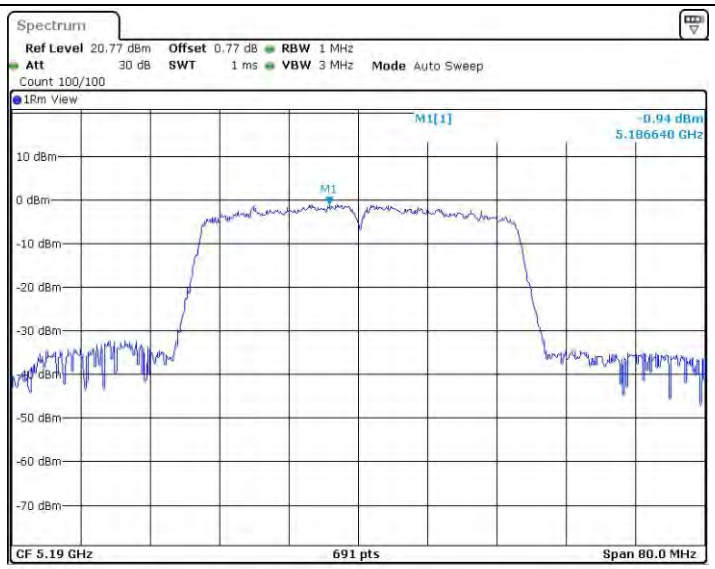

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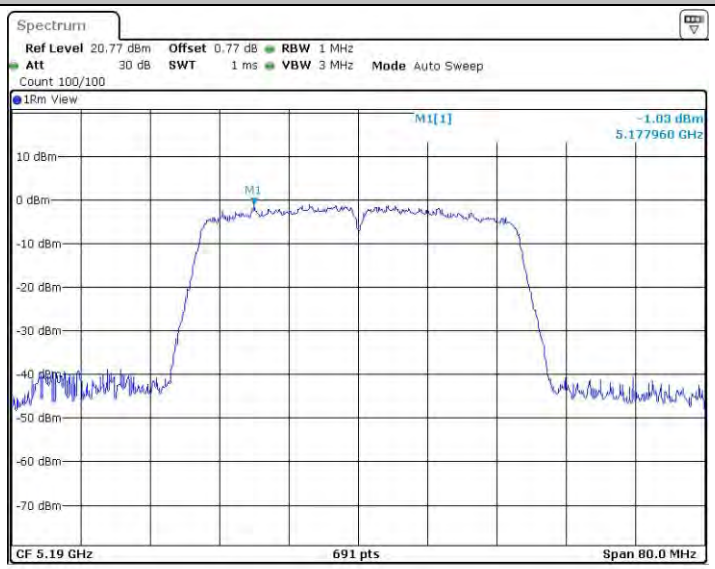

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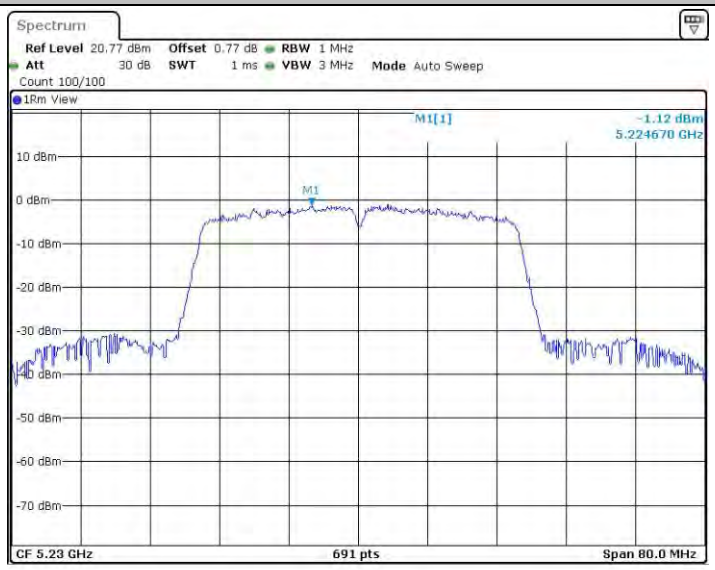

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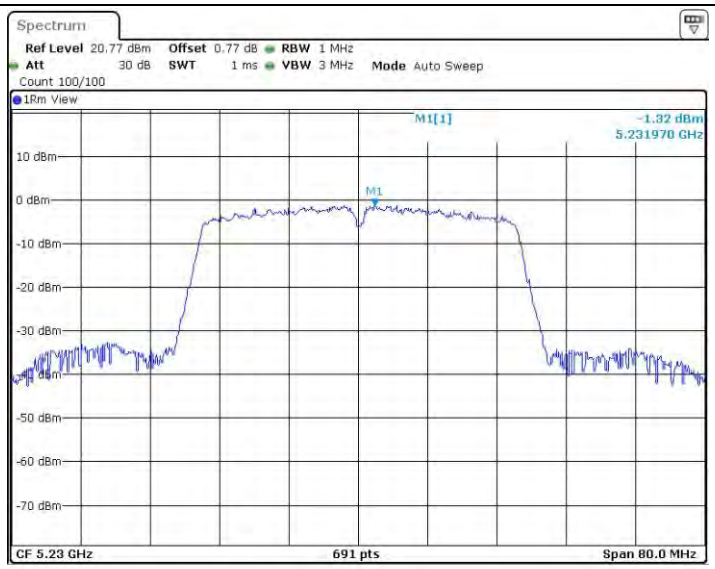

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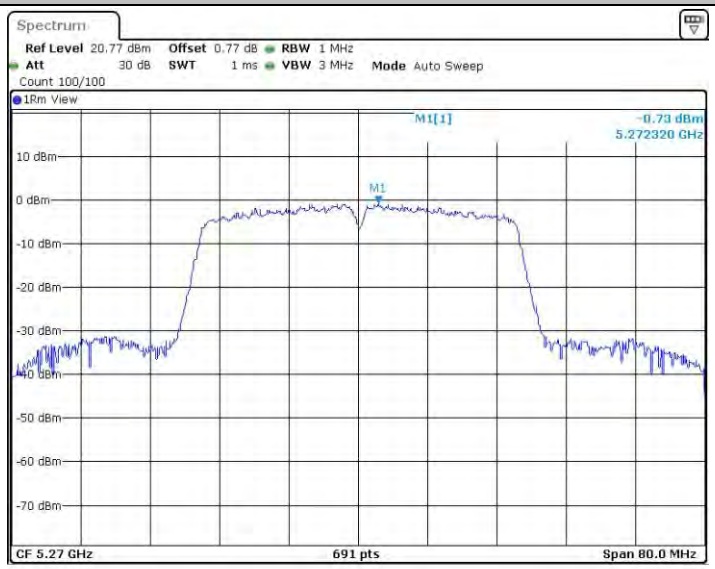

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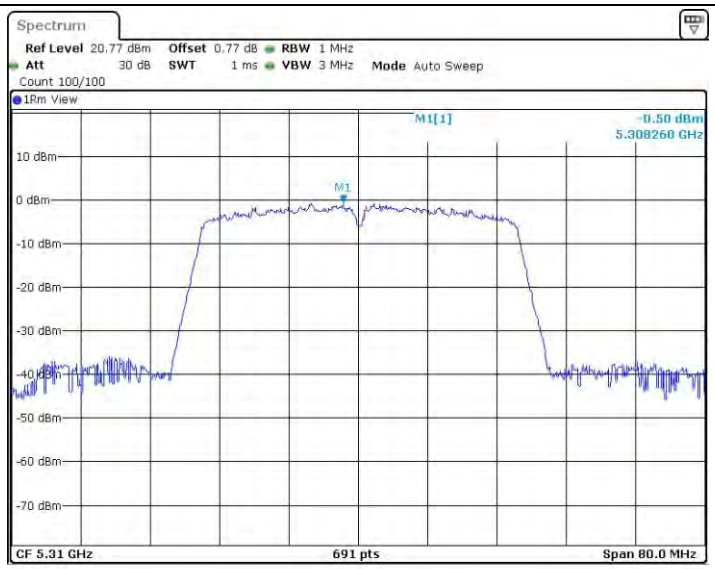

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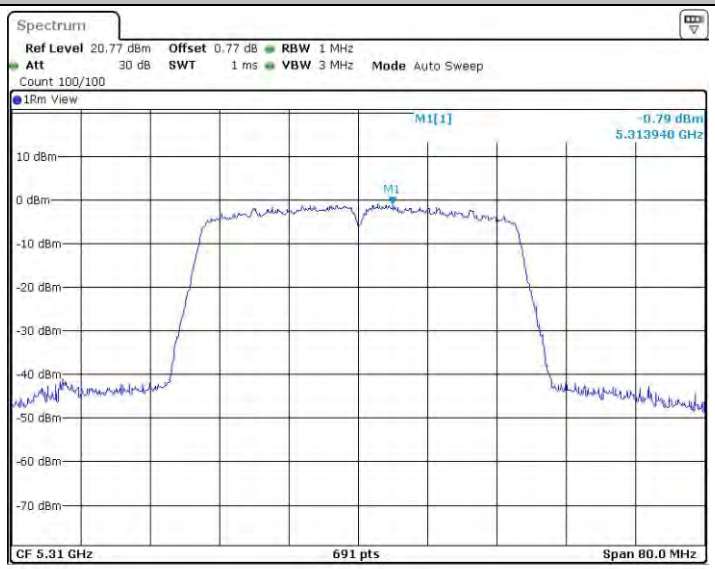

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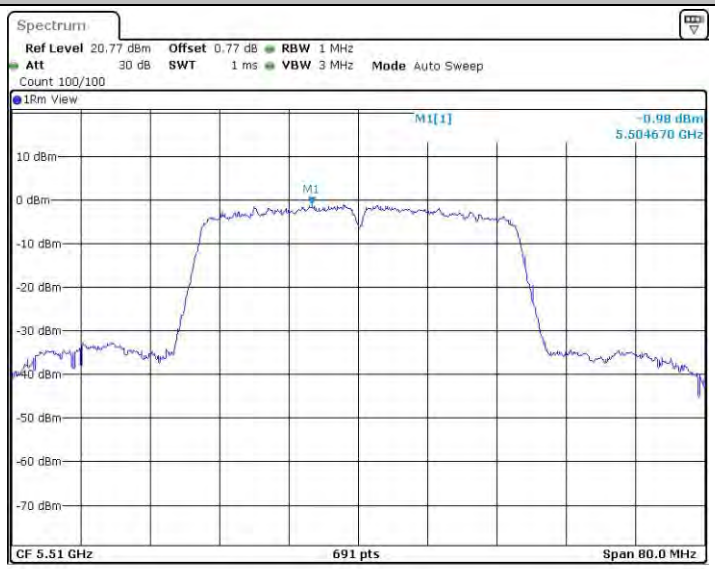

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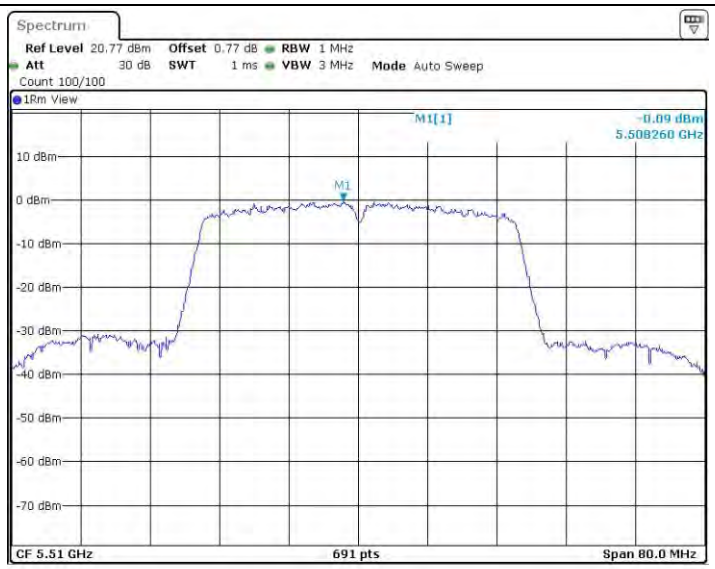

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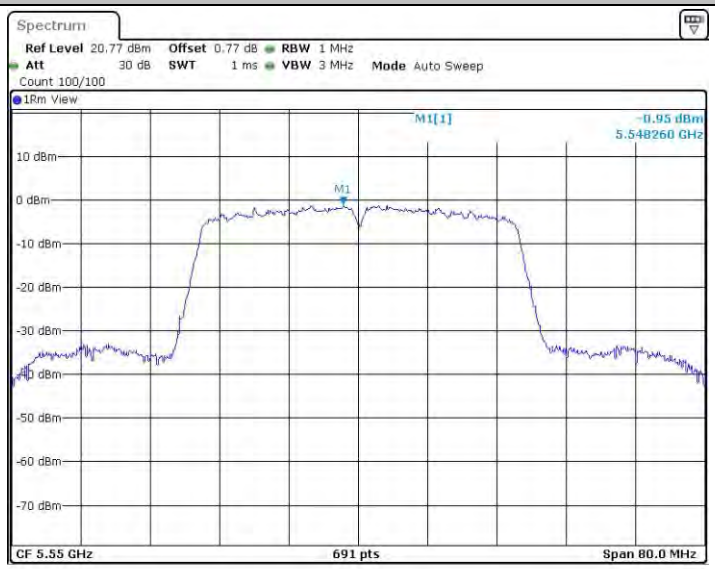

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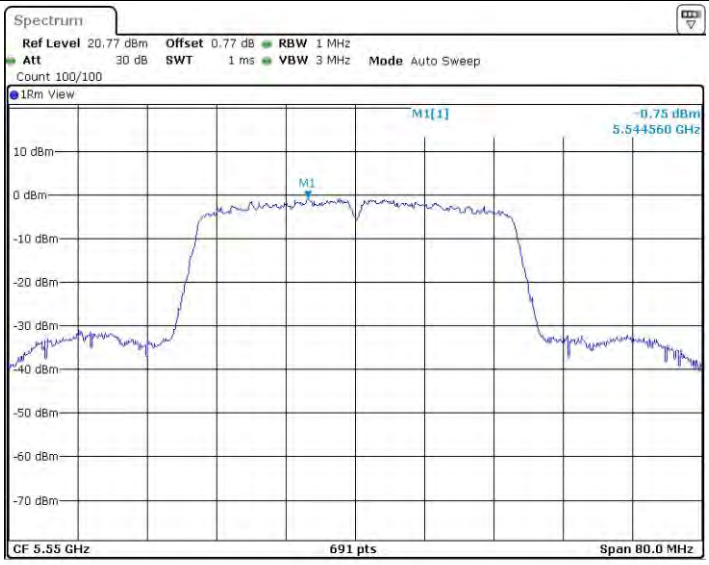

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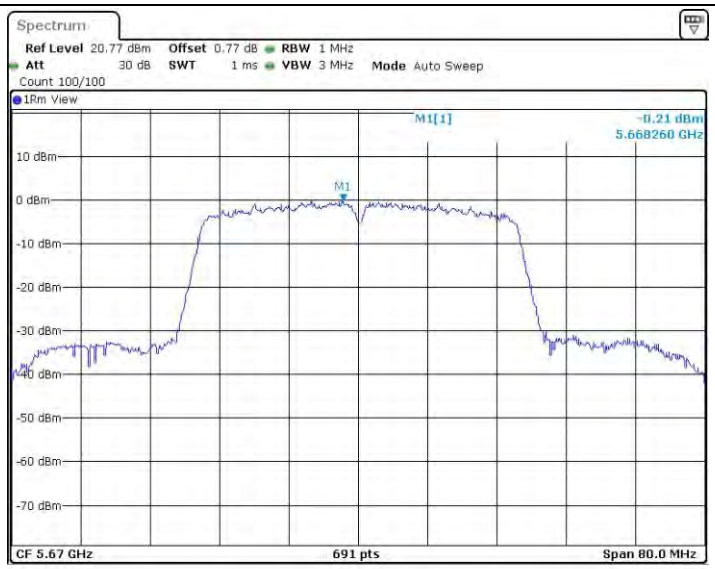

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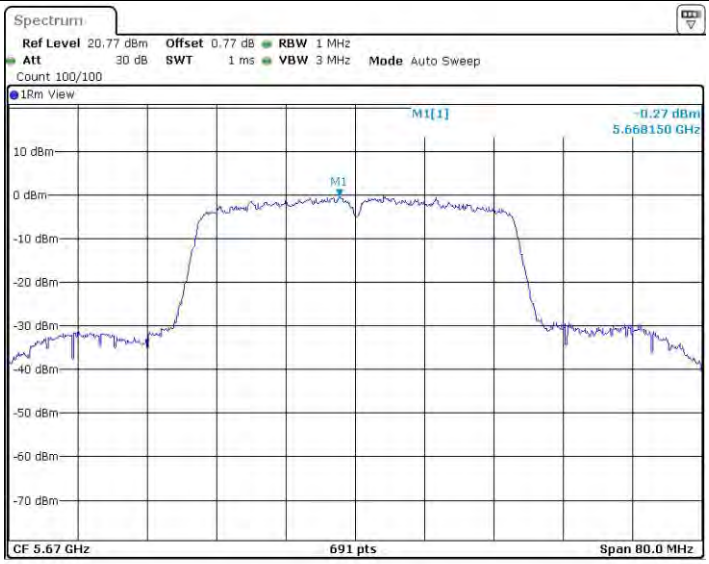

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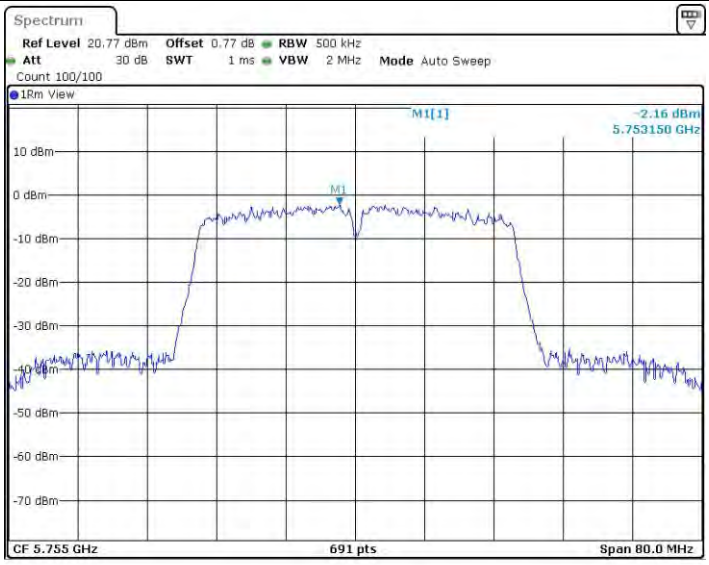

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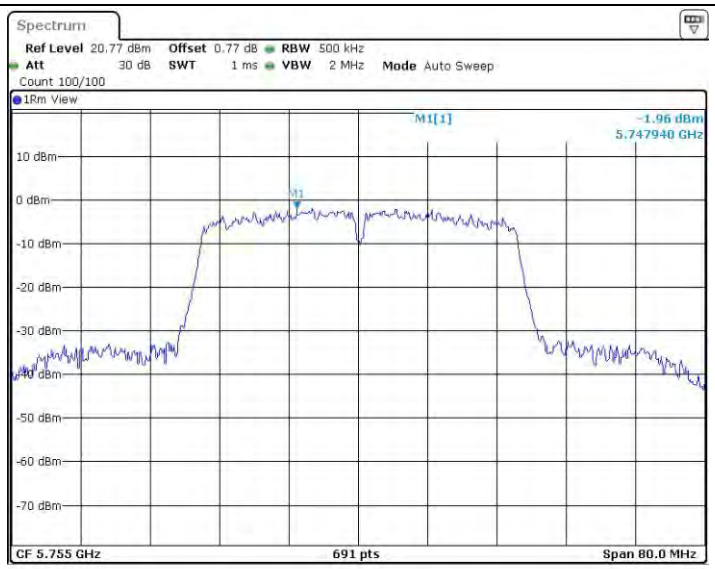

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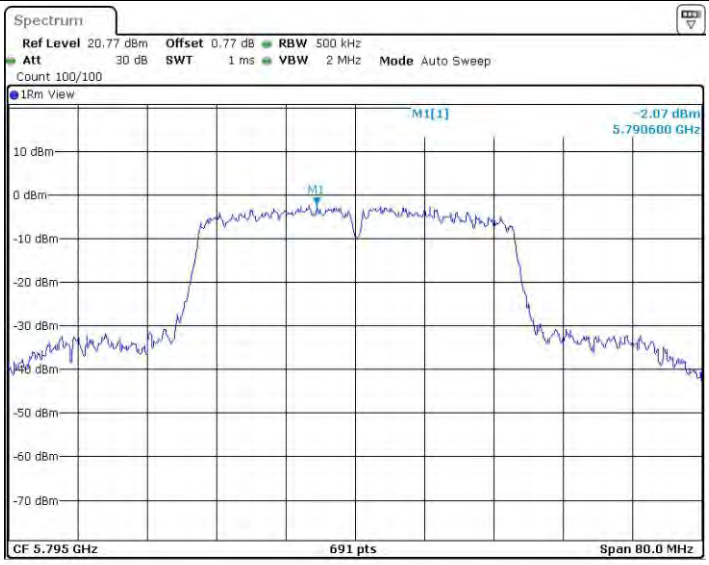

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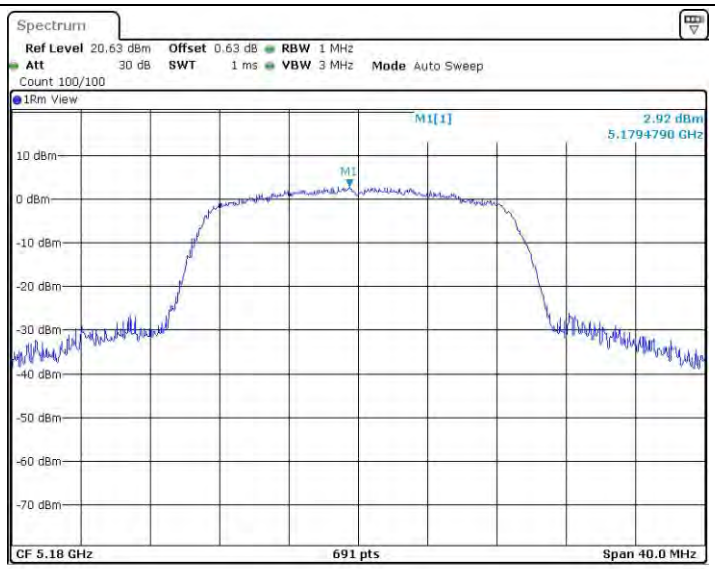

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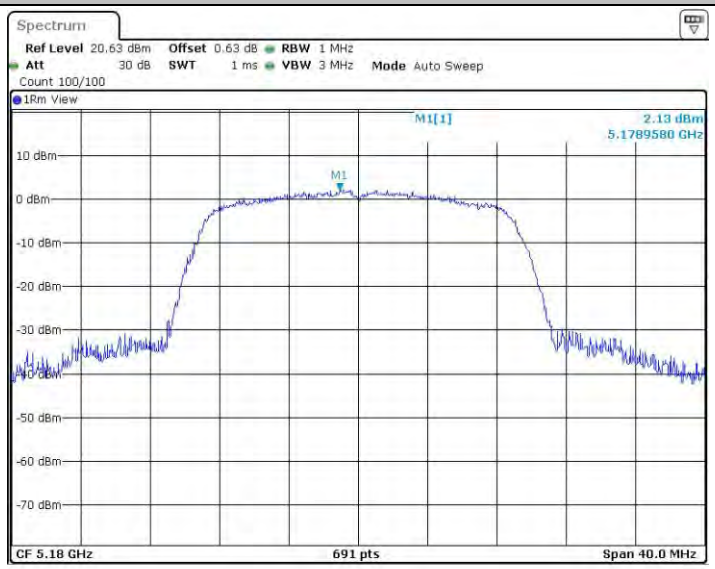

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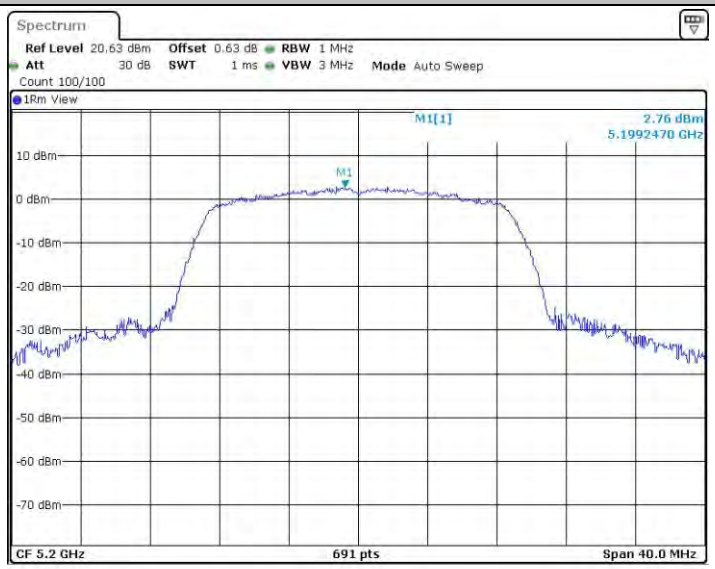

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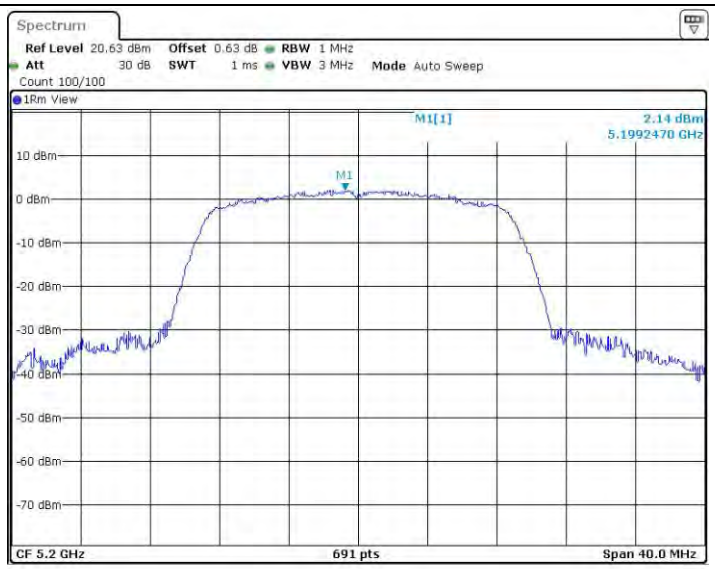

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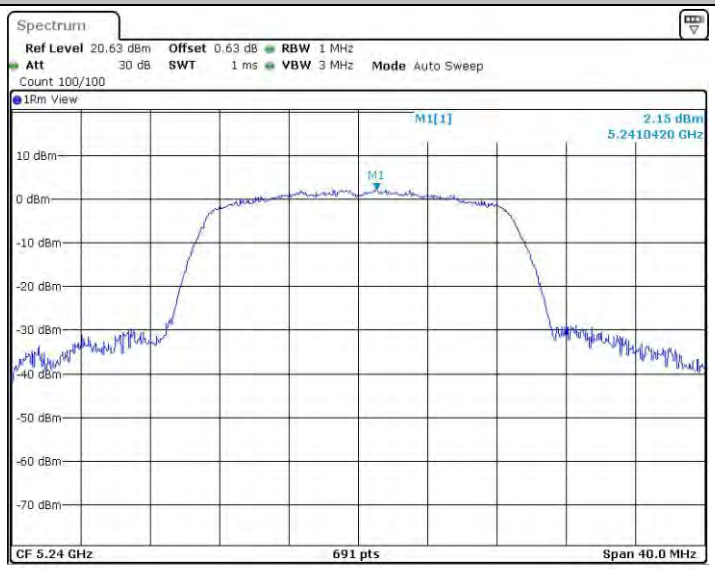

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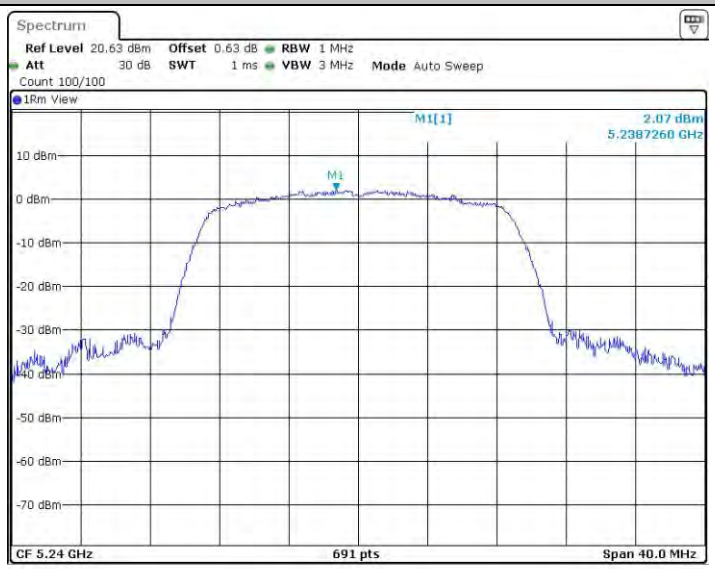

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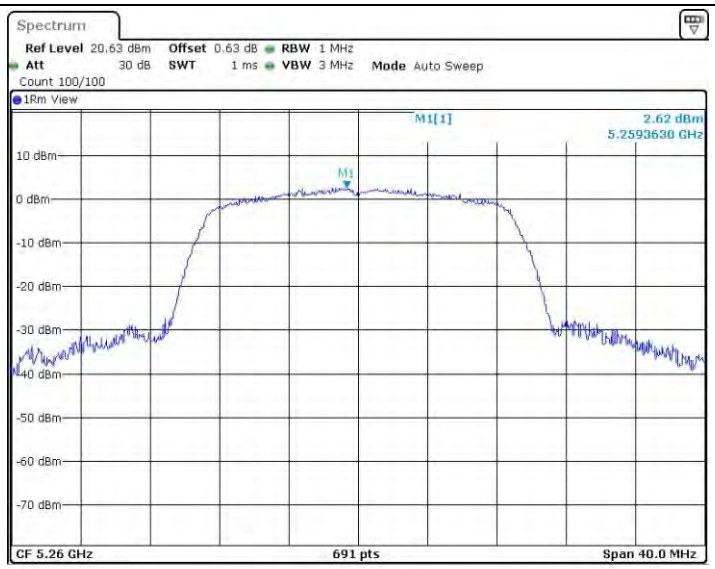

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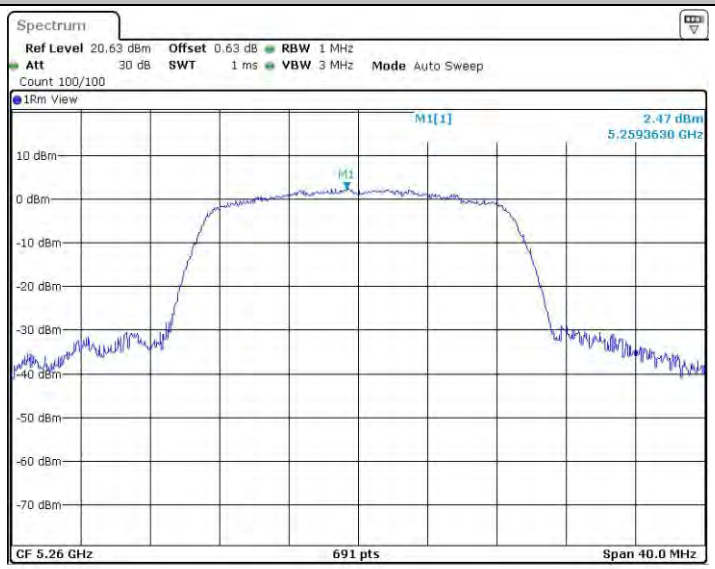

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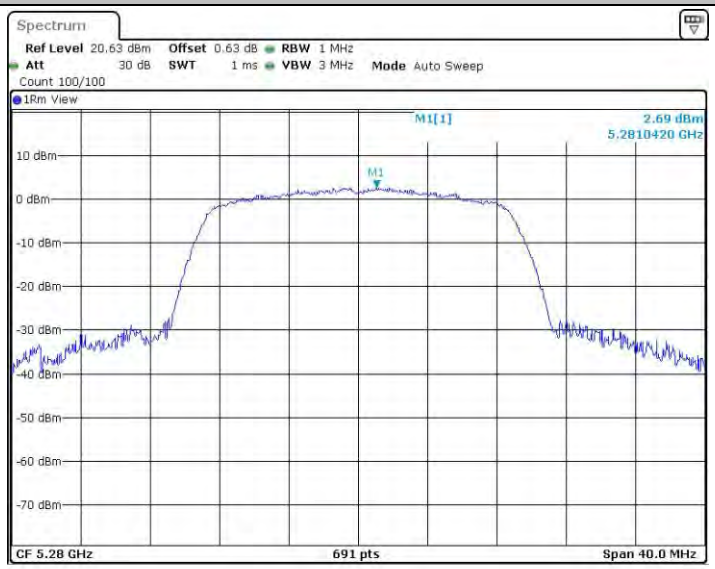

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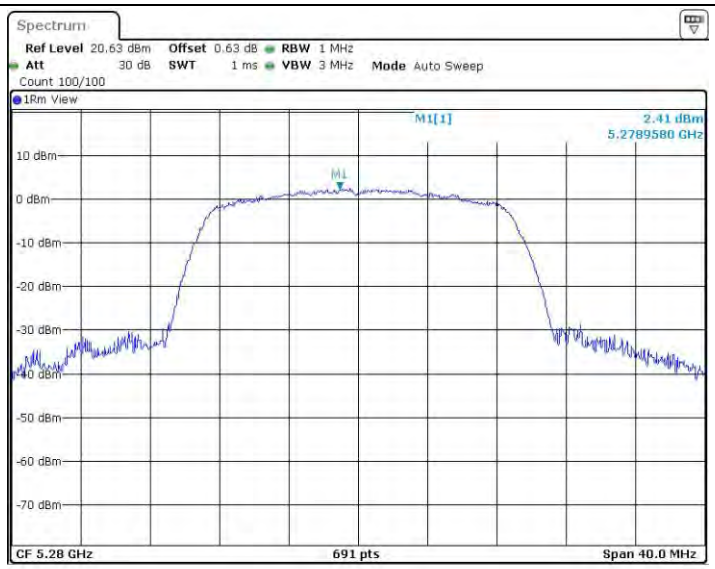

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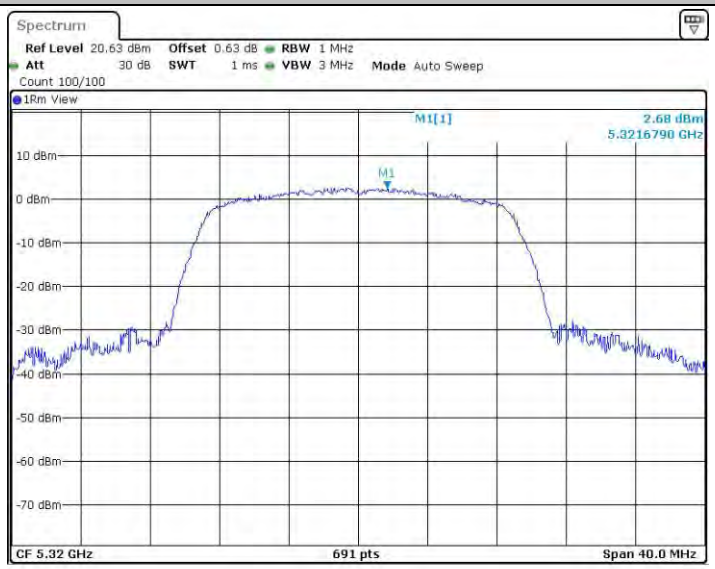

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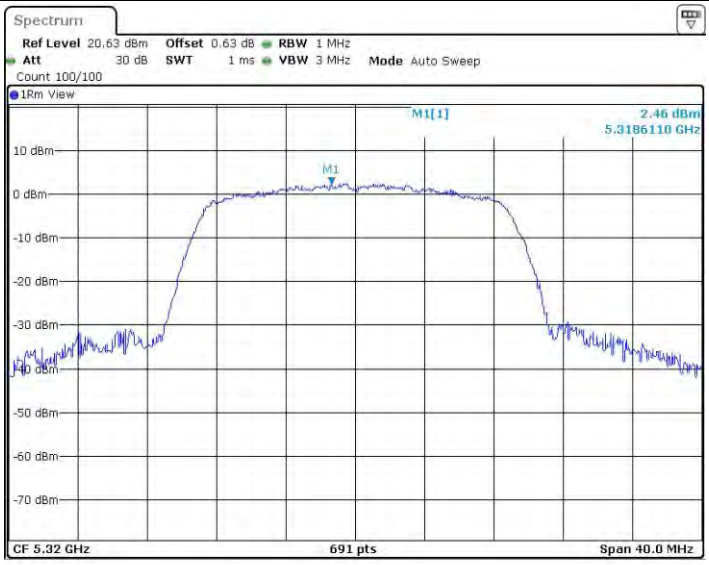

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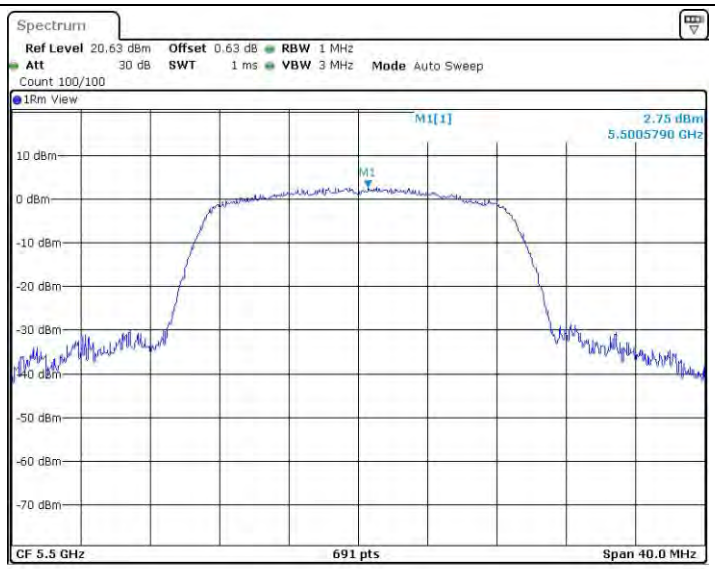

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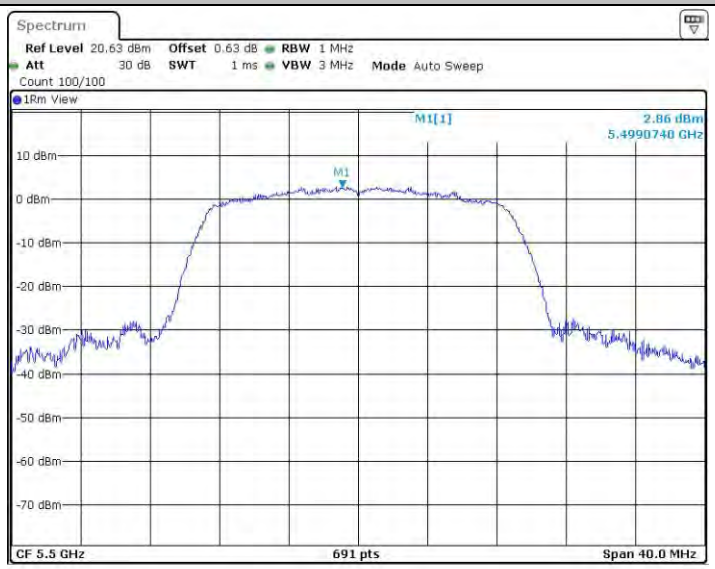

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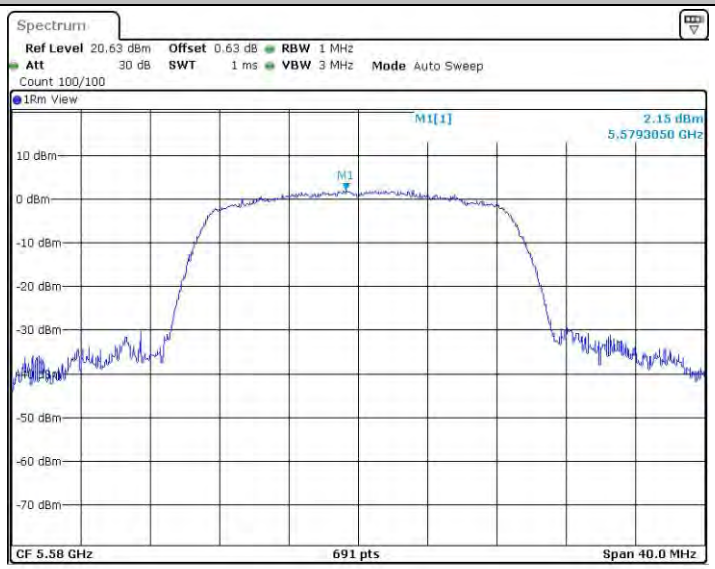

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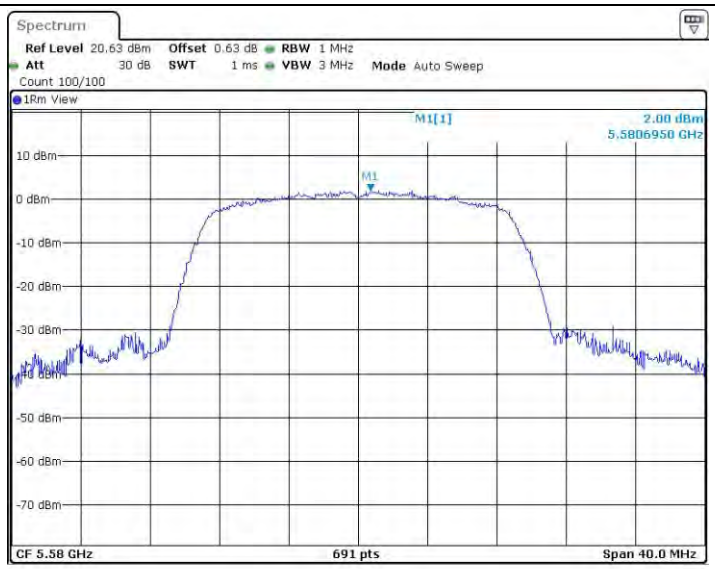

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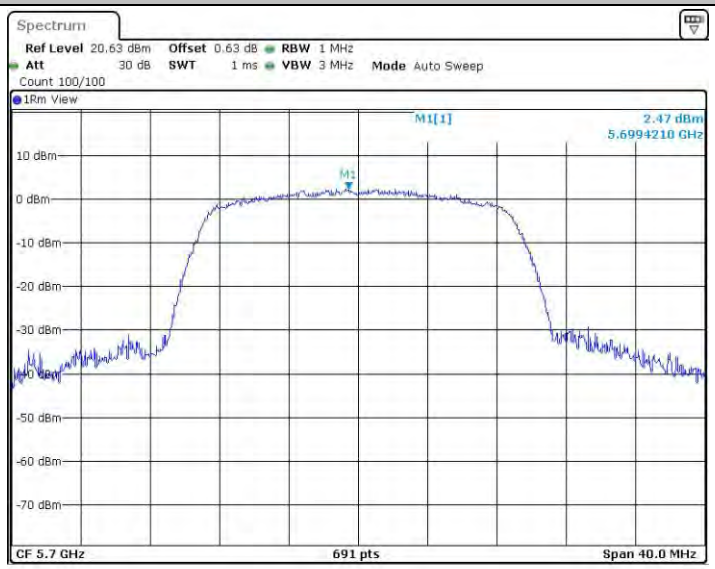

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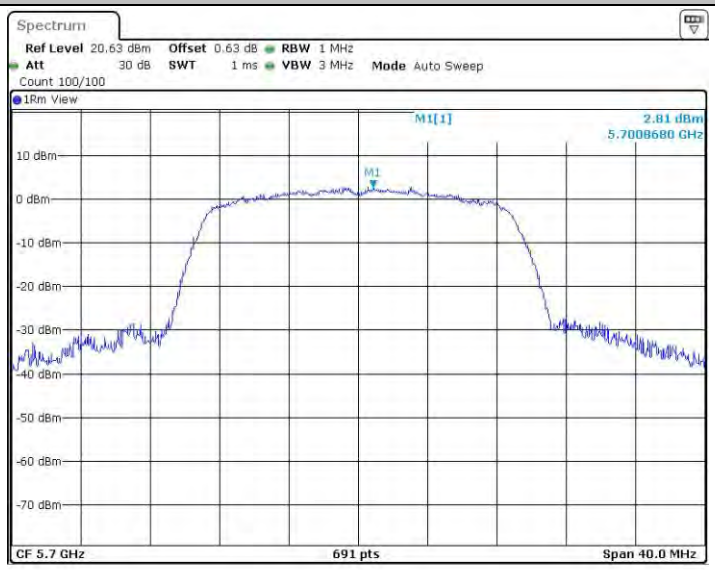

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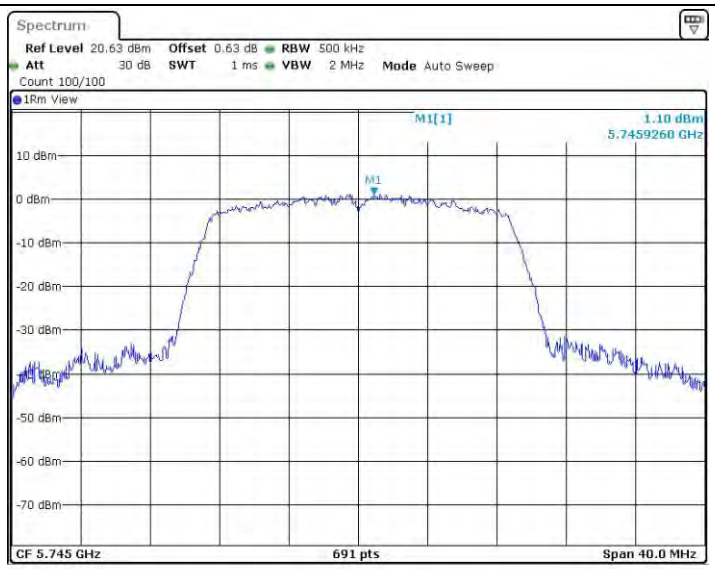

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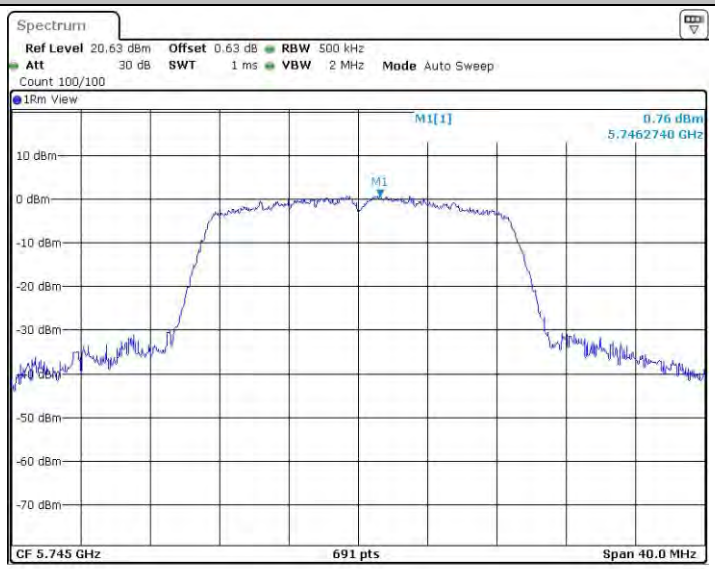

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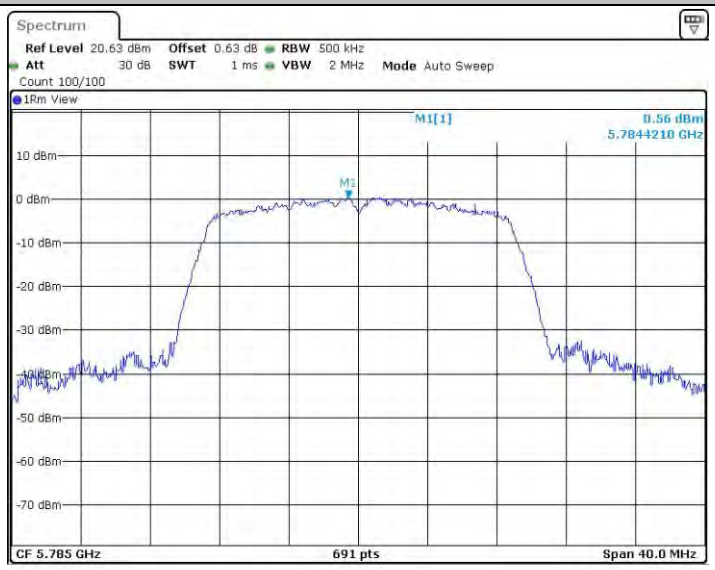

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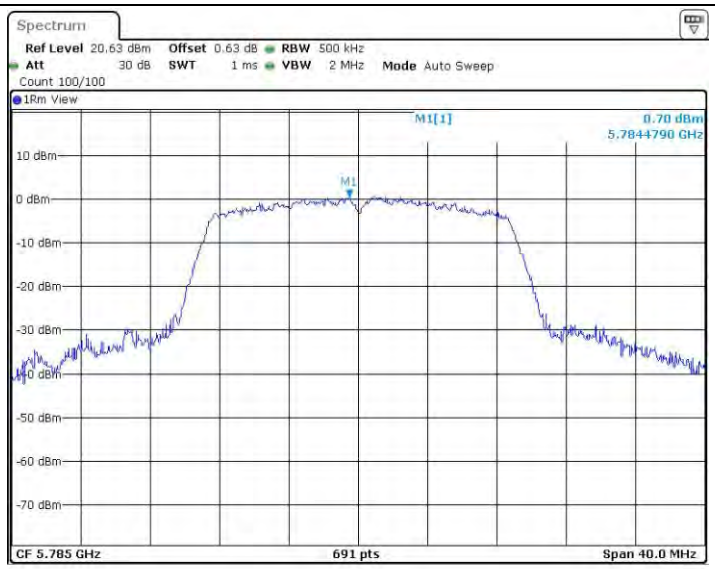

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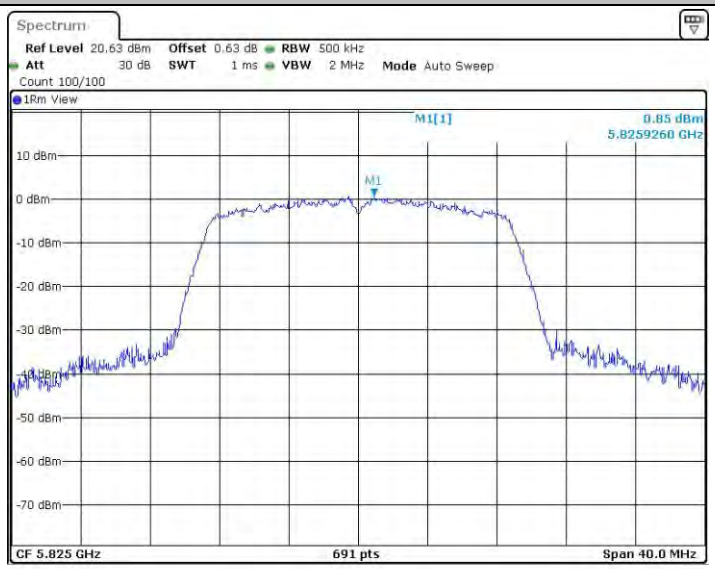

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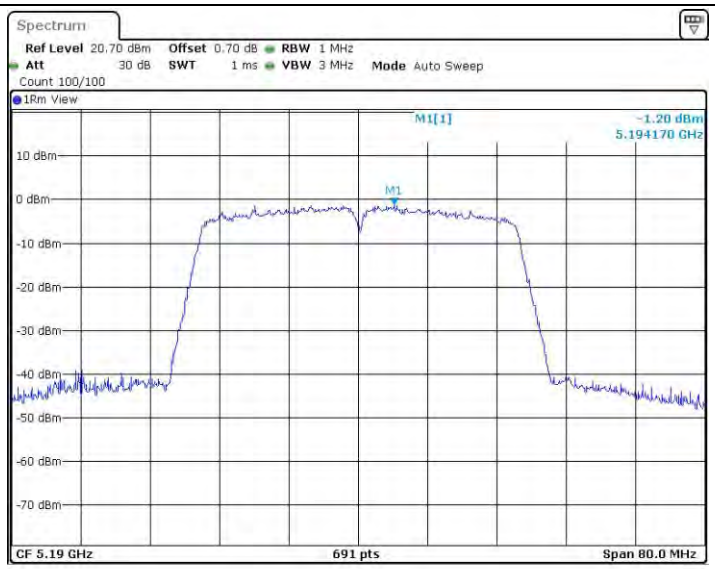

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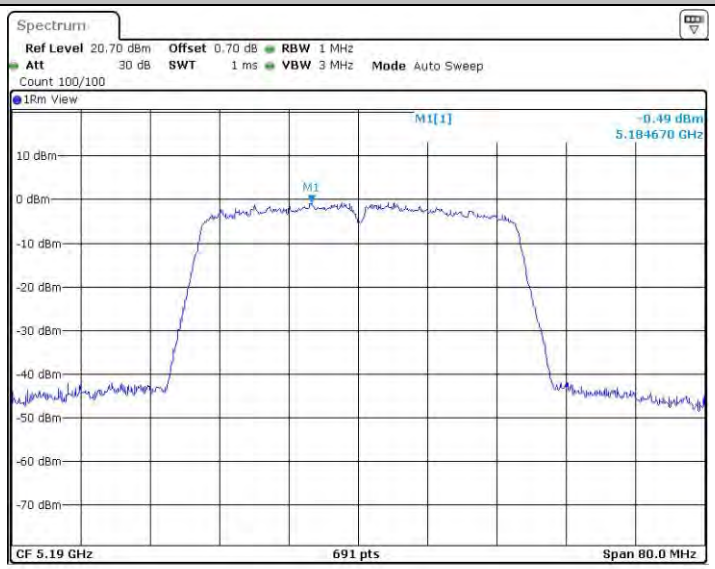
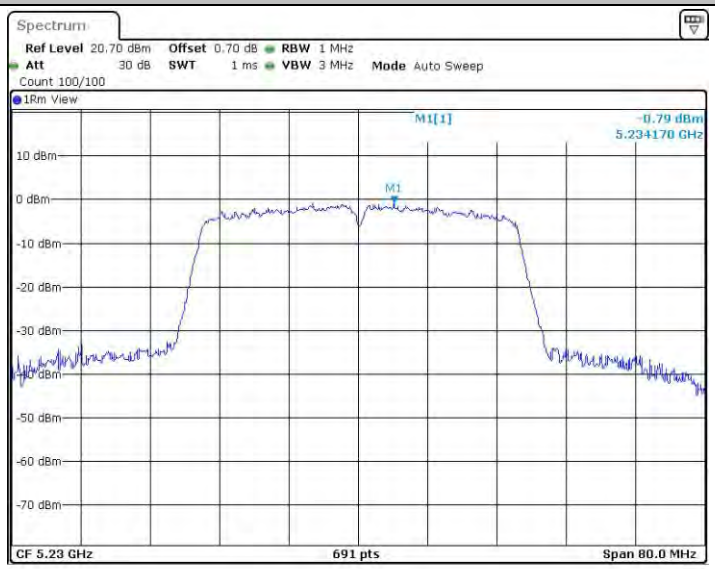
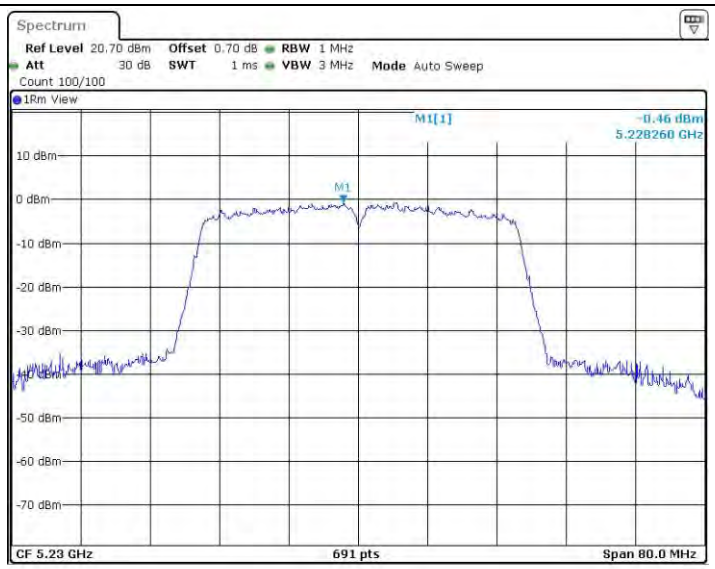


11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



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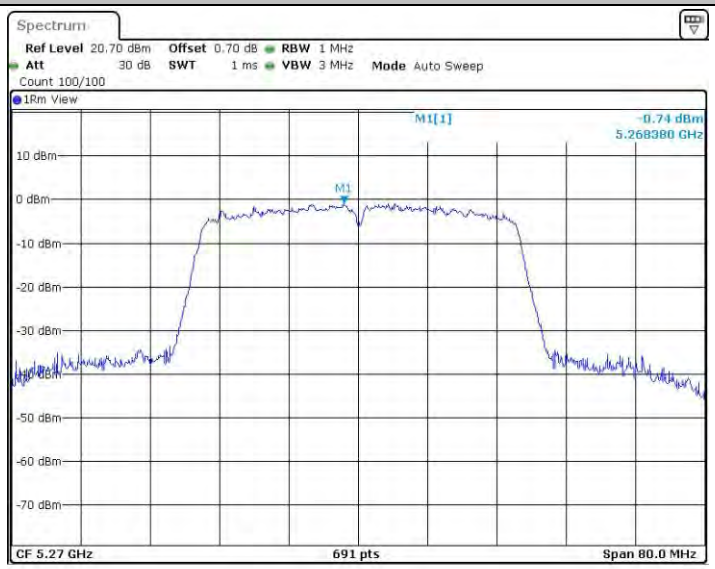

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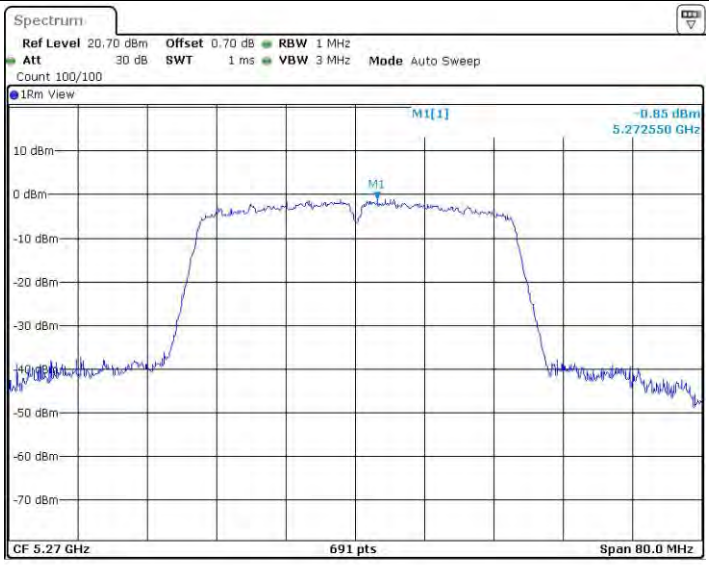

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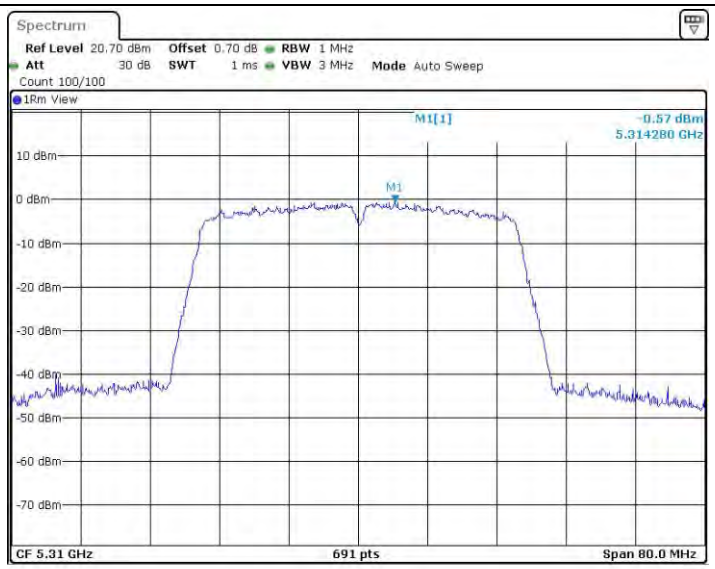

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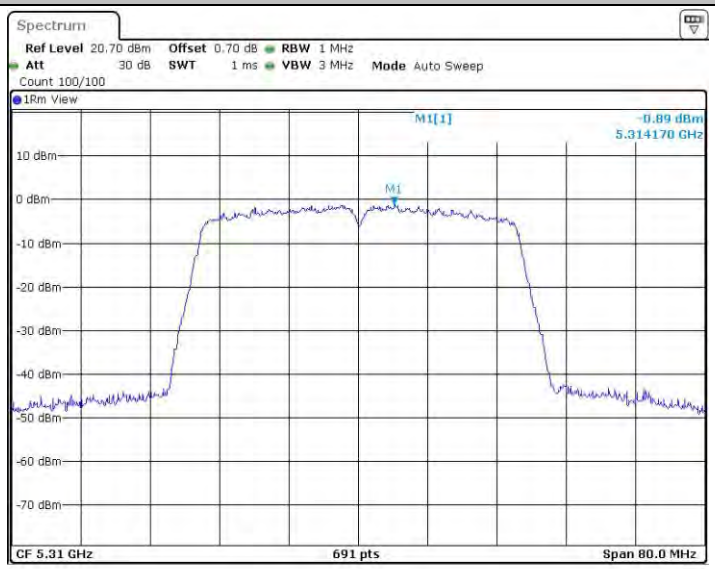

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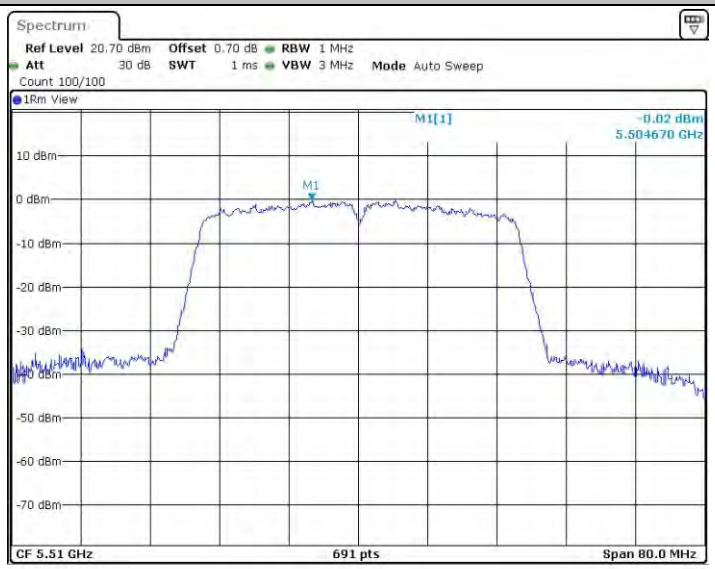

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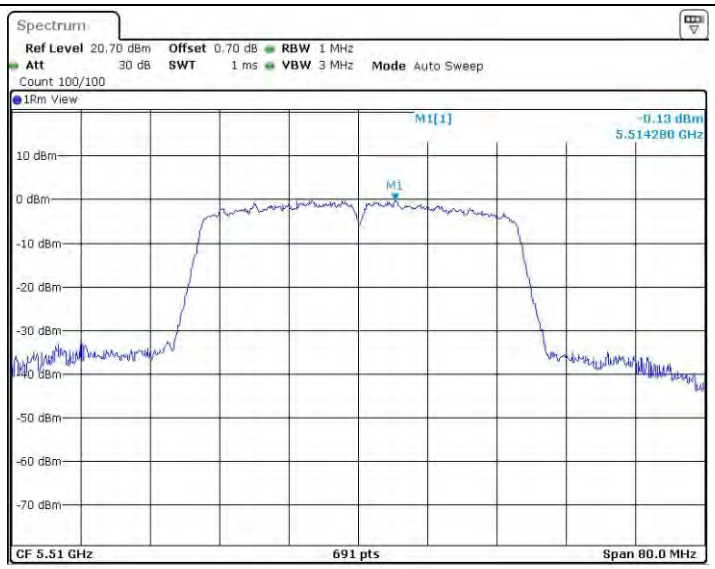

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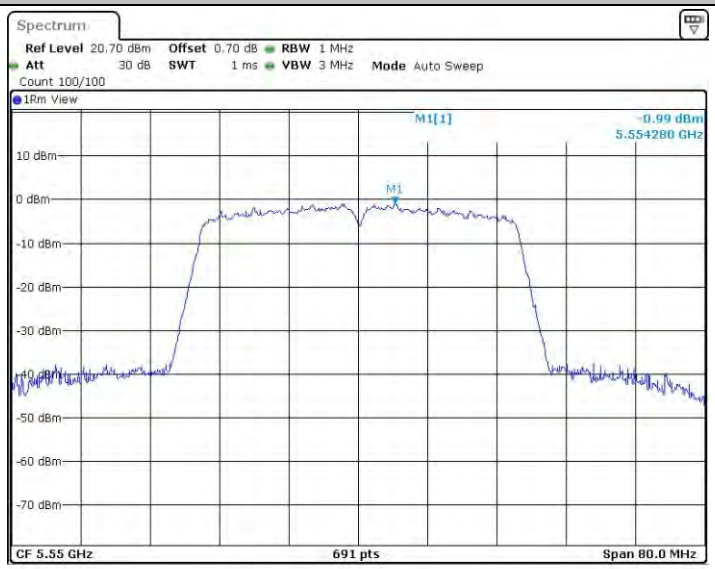
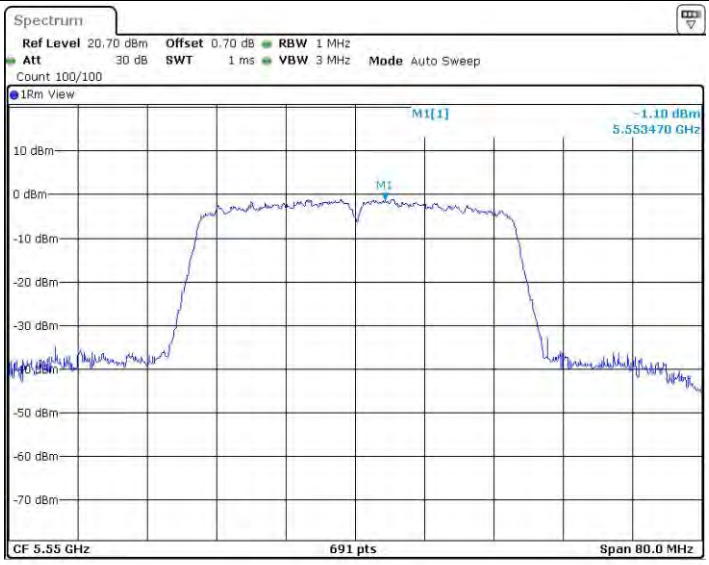


11AC40SISO_Ant1_5550



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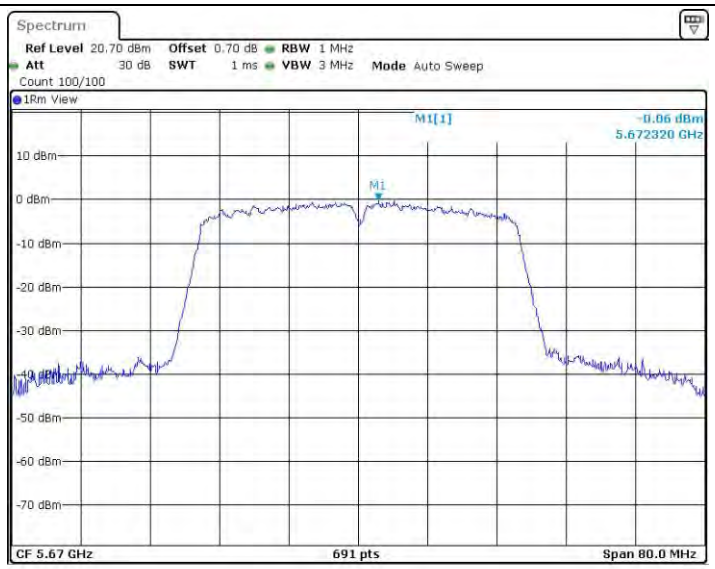

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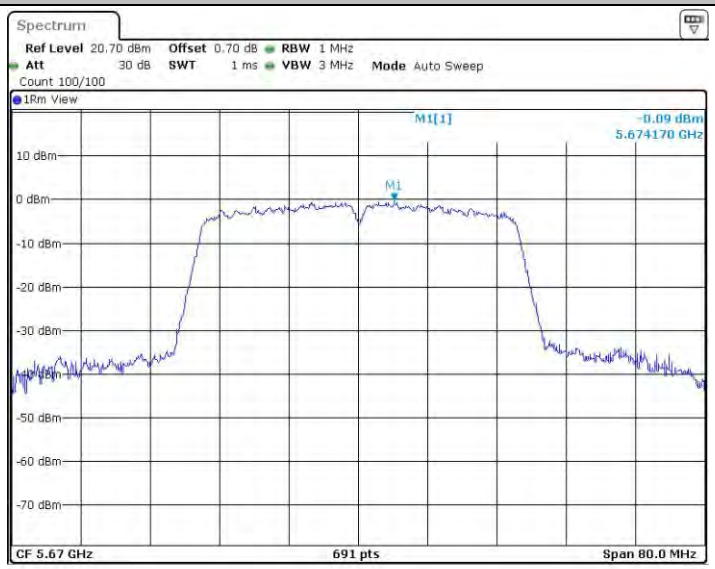

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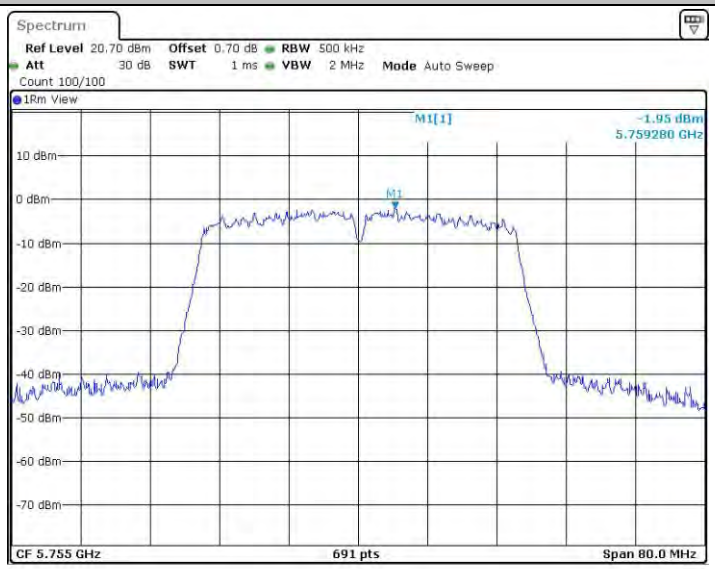

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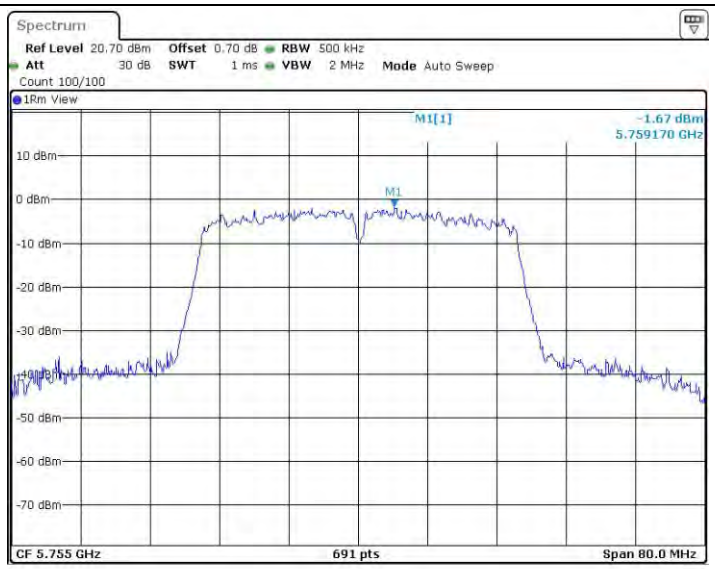

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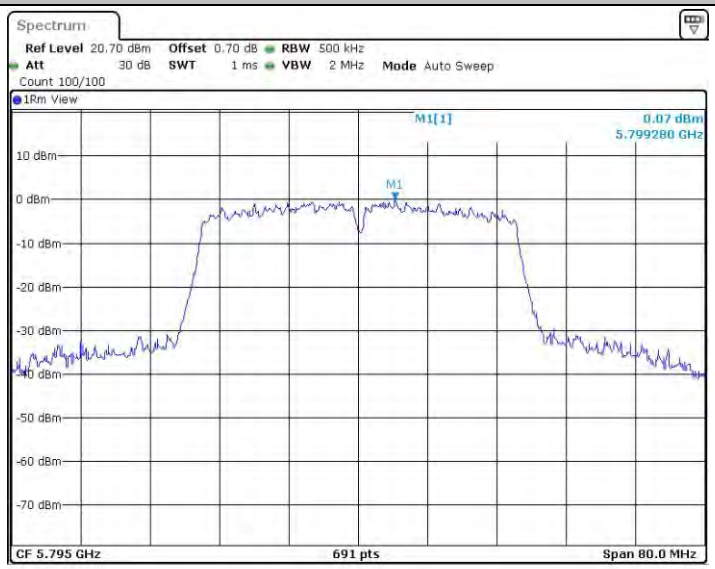
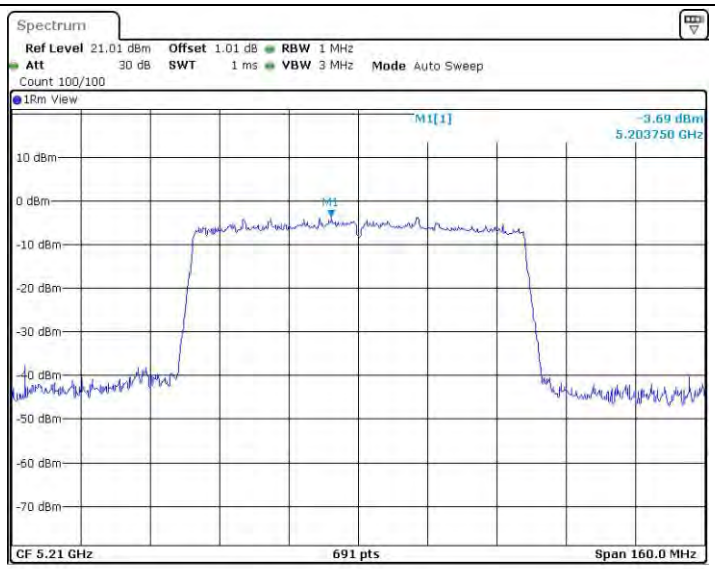


11AC40SISO_Ant1_5795

11AC40SISO_Ant2_5795



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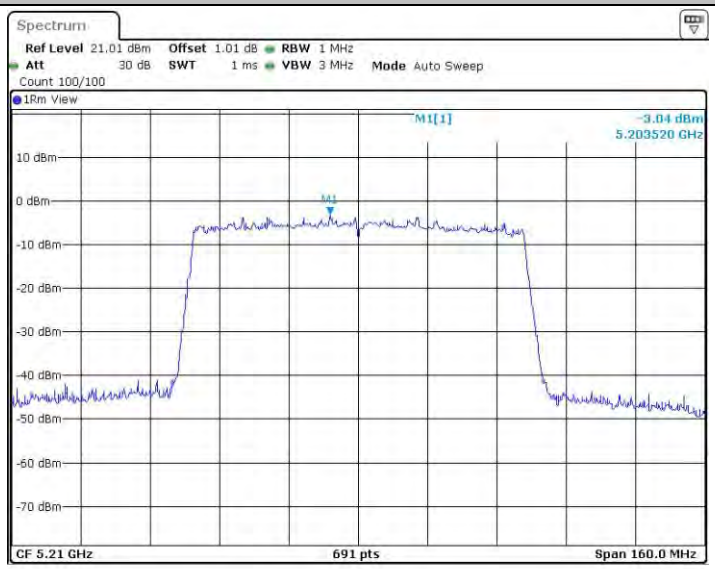

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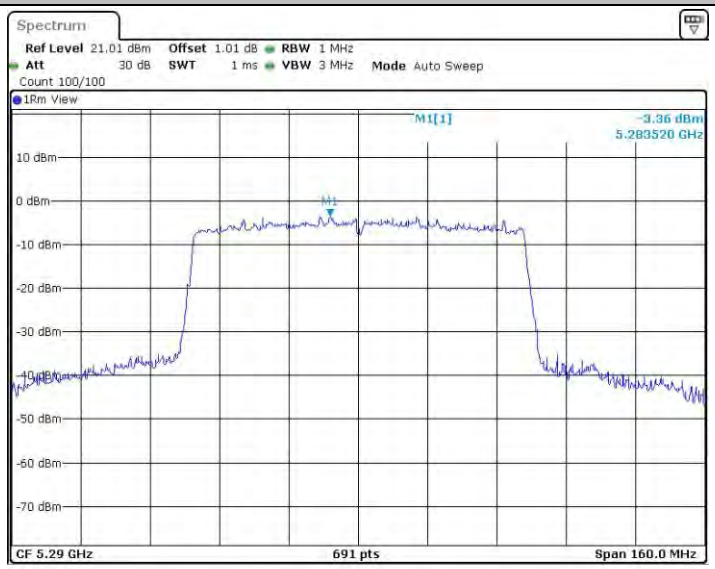

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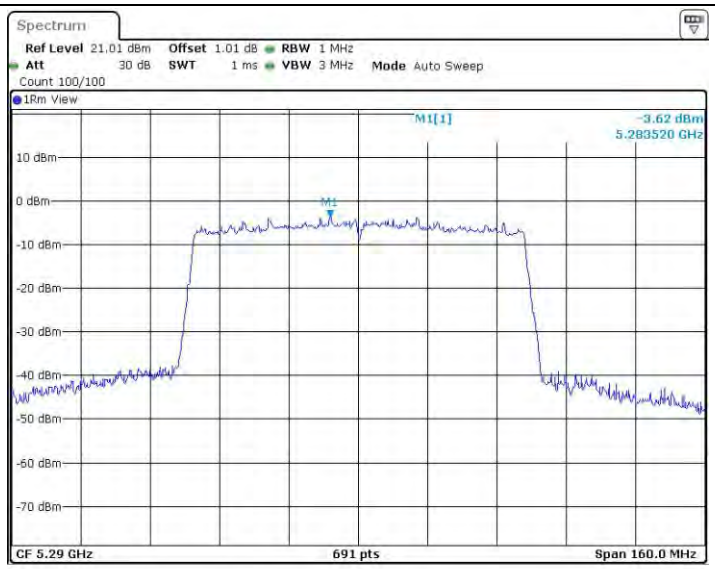

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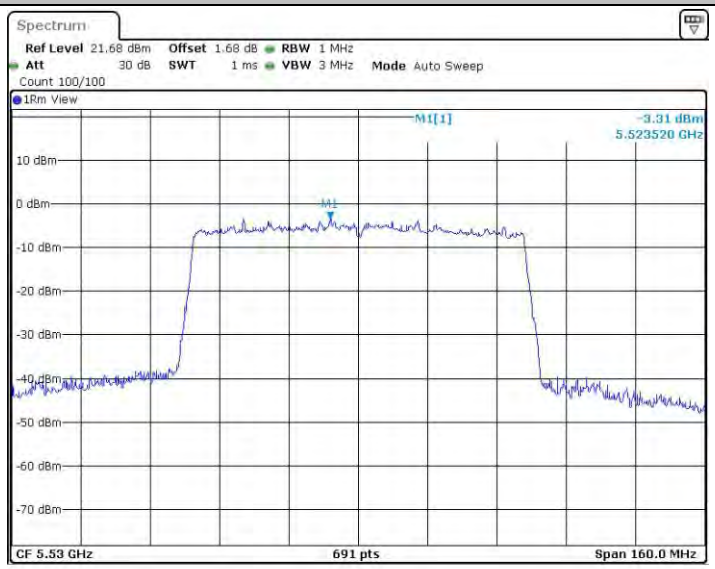

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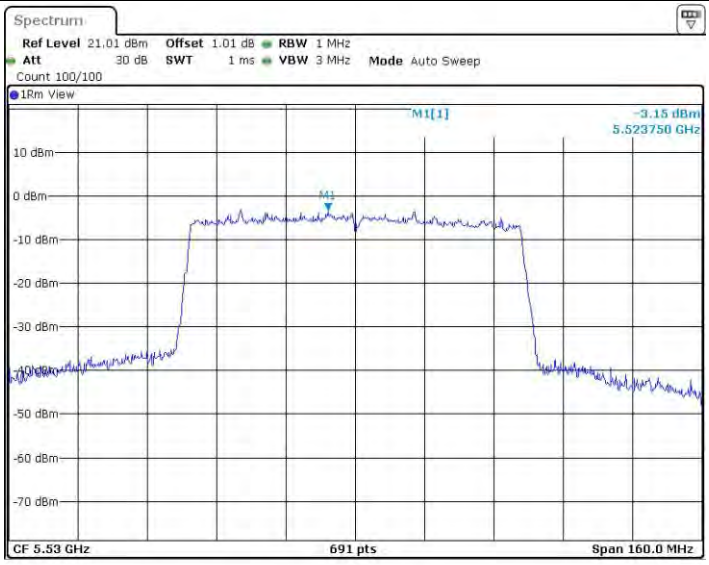

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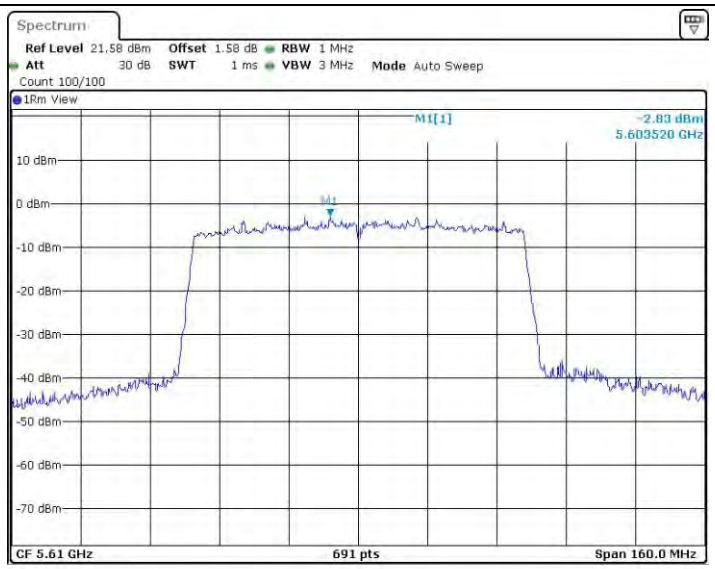

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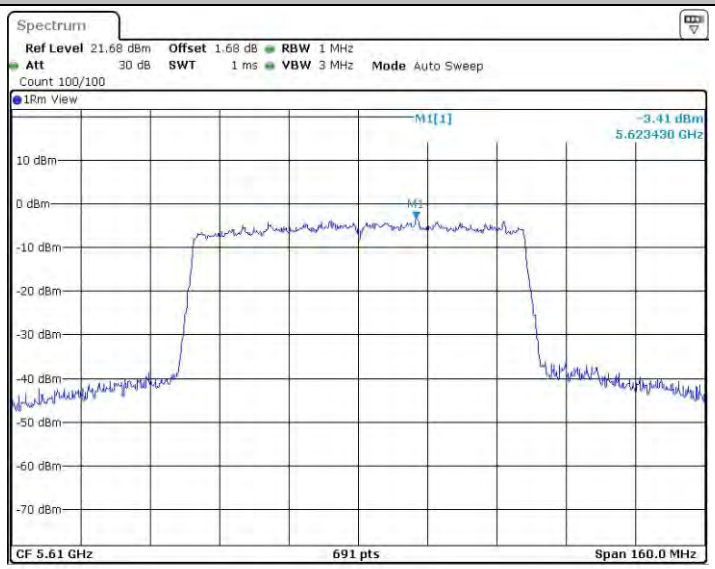

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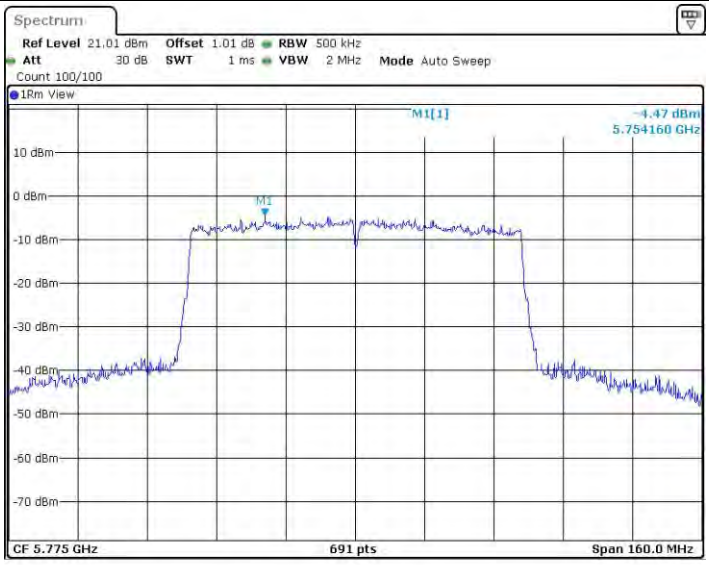

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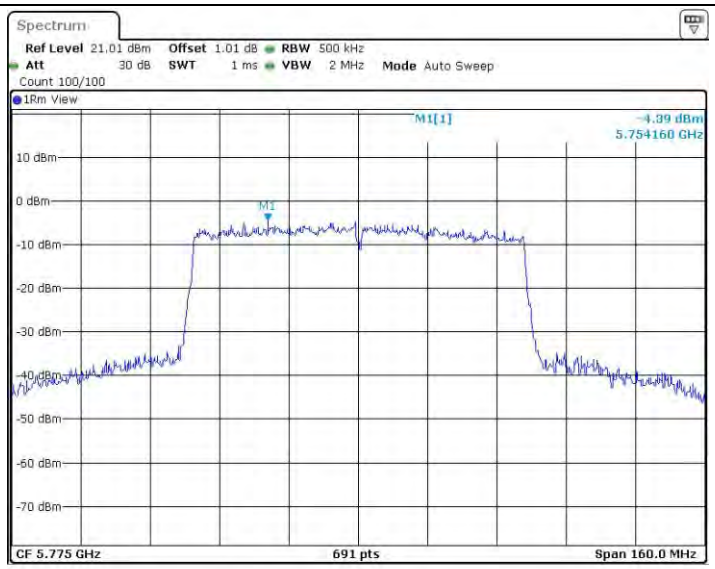

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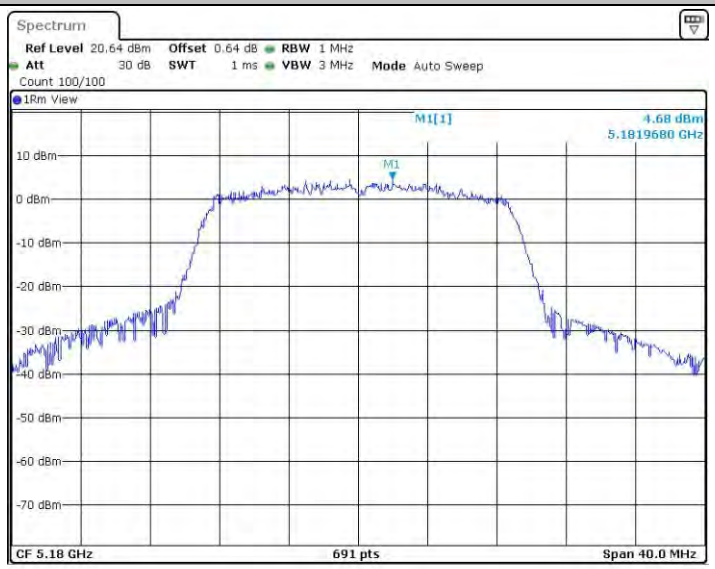
11N20MIMO_Ant1_5180



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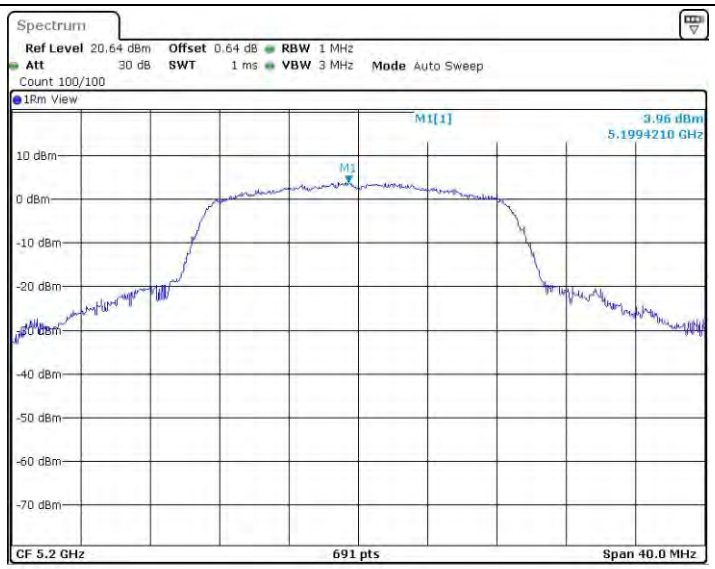


11N20MIMO_Ant1_5200

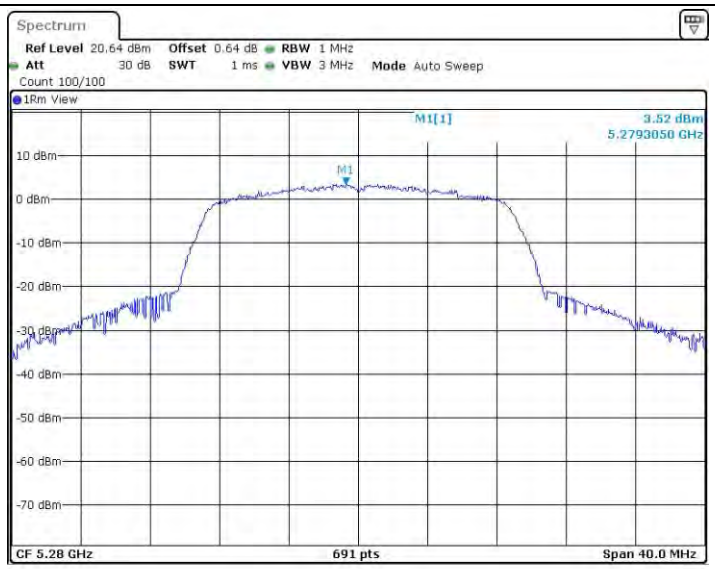
11N20MIMO_Ant2_5200

11N20MIMO_Ant1_5240

11N20MIMO_Ant2_5240

11N20MIMO_Ant1_5260

11N20MIMO_Ant2_5260



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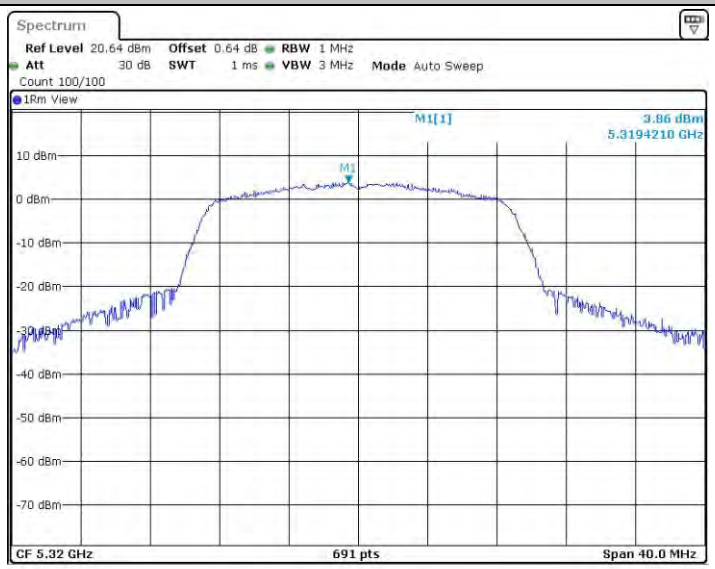
11N20MIMO_Ant2_5280



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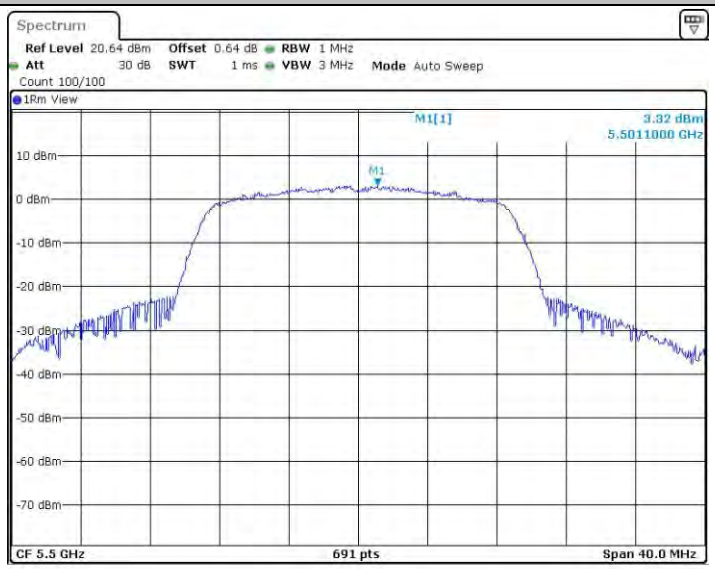

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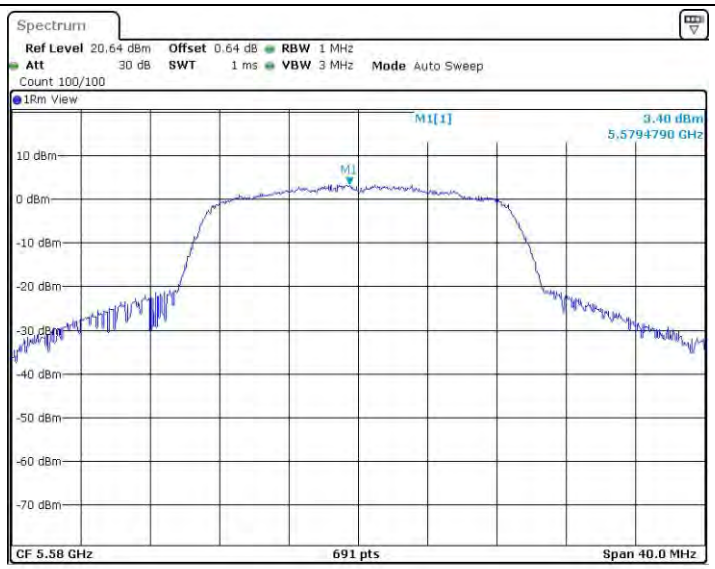
11N20MIMO_Ant2_5500



11N20MIMO_Ant1_5580

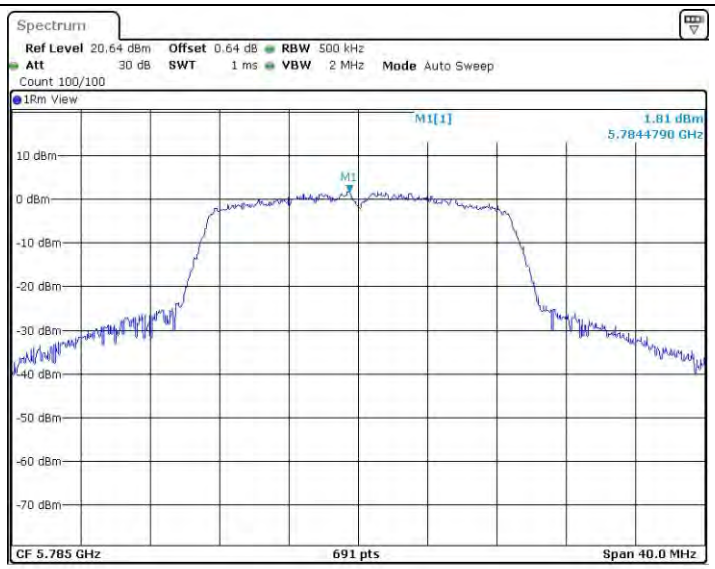
11N20MIMO_Ant2_5580

11N20MIMO_Ant1_5700

11N20MIMO_Ant2_5700

11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745



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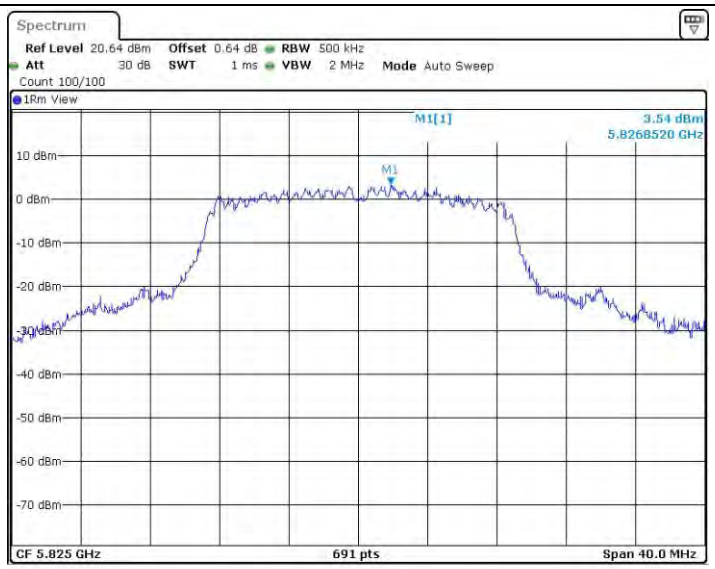
11N20MIMO_Ant2_5785

11N20MIMO_Ant1_5825



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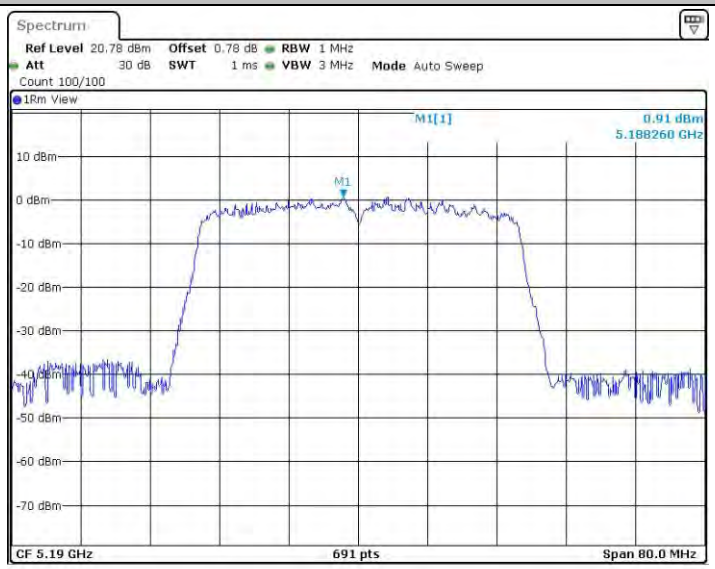

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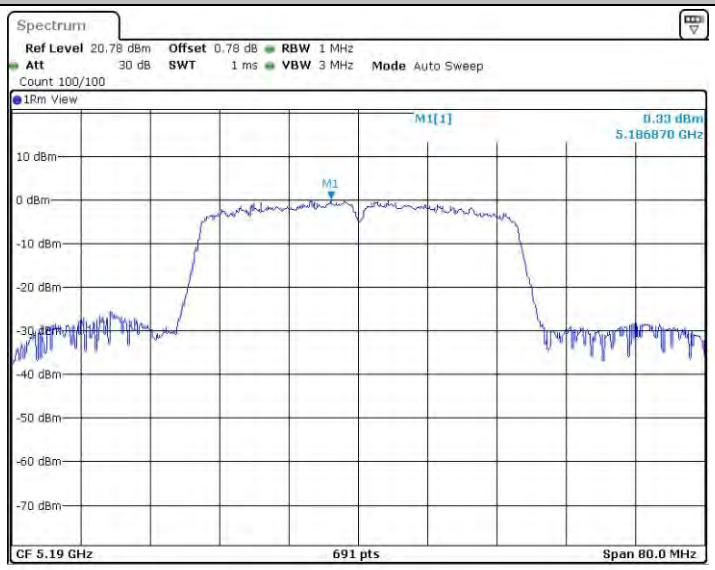

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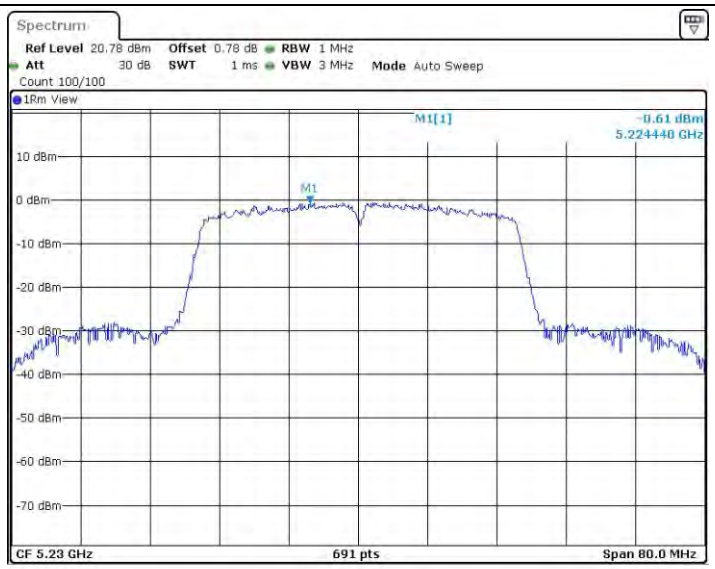

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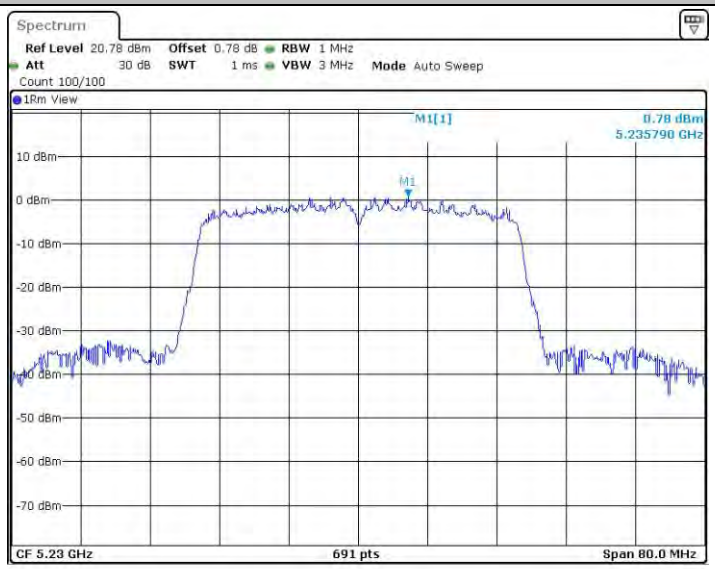

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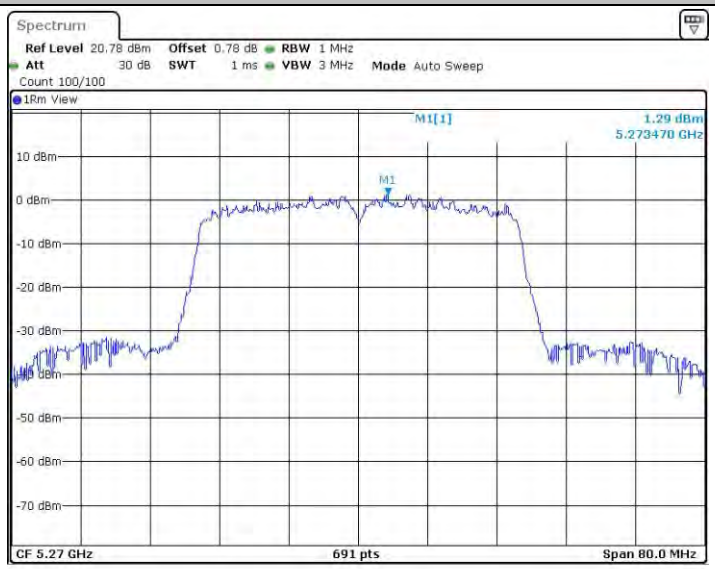

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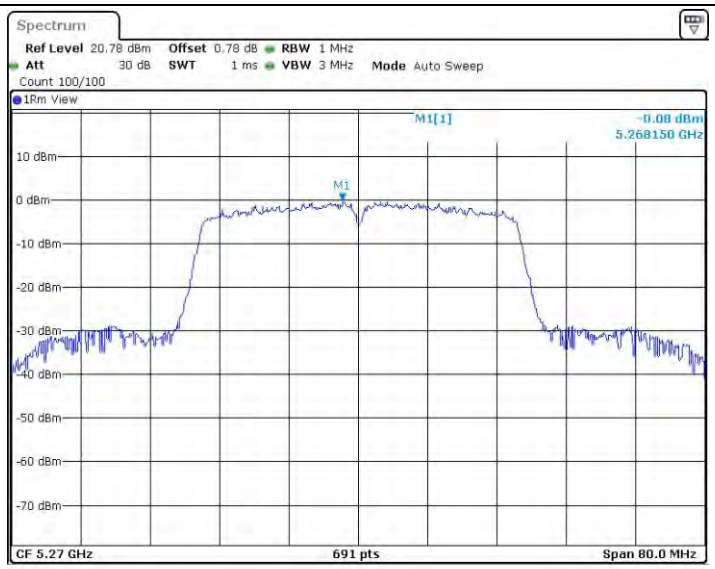

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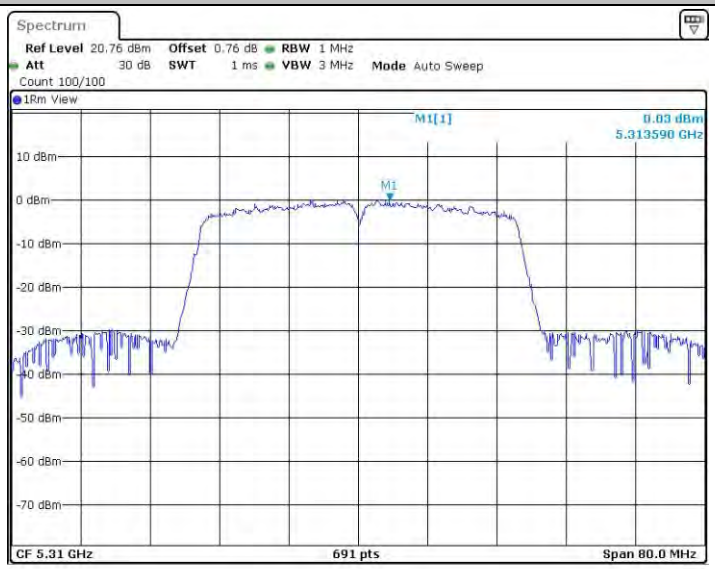

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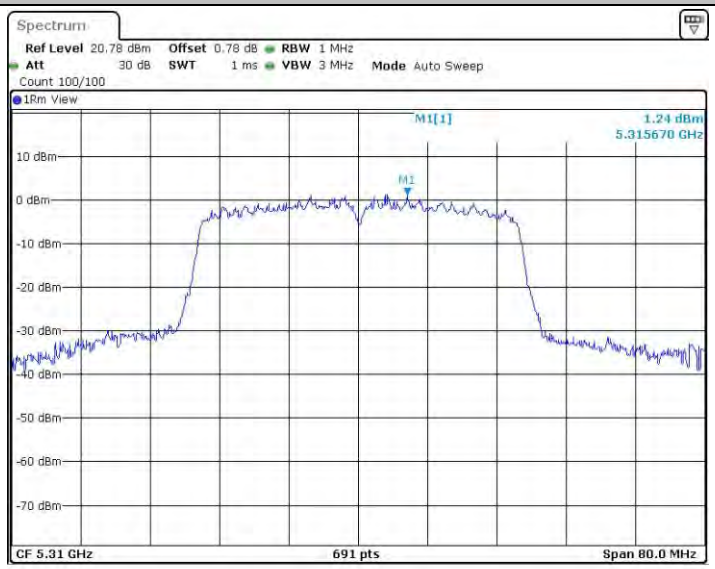

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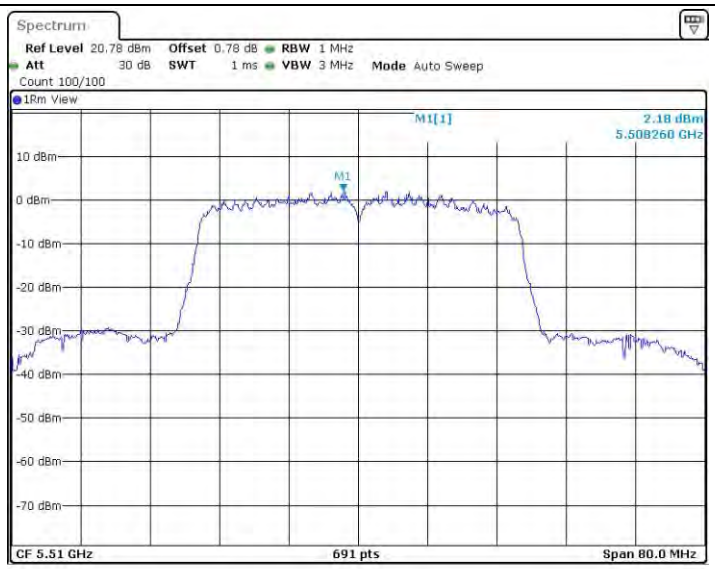

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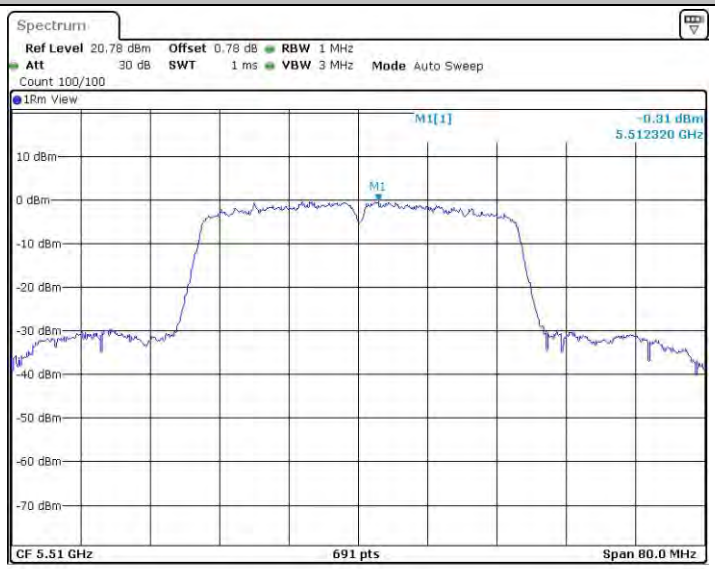

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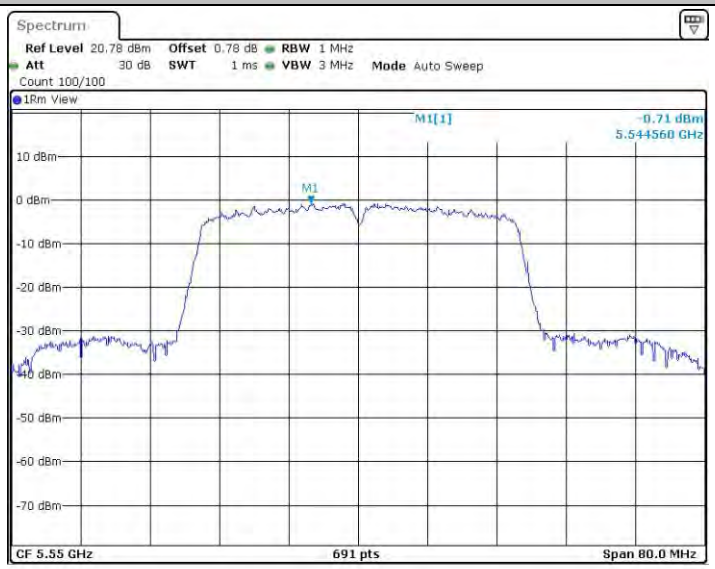

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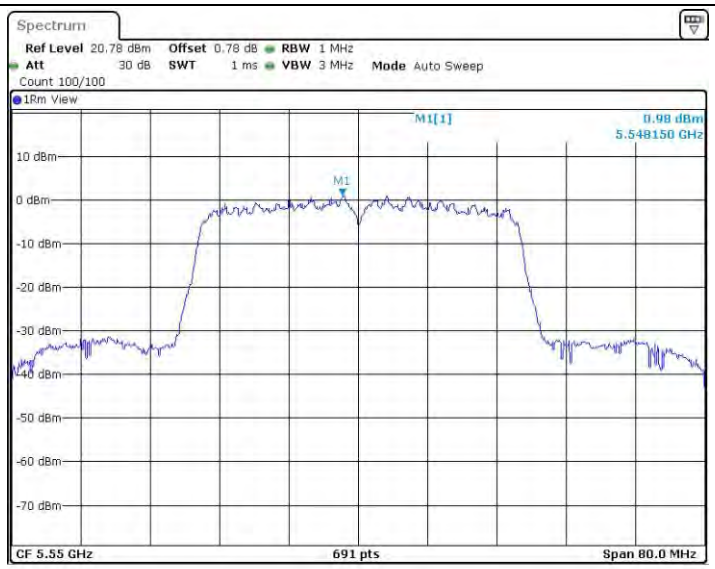

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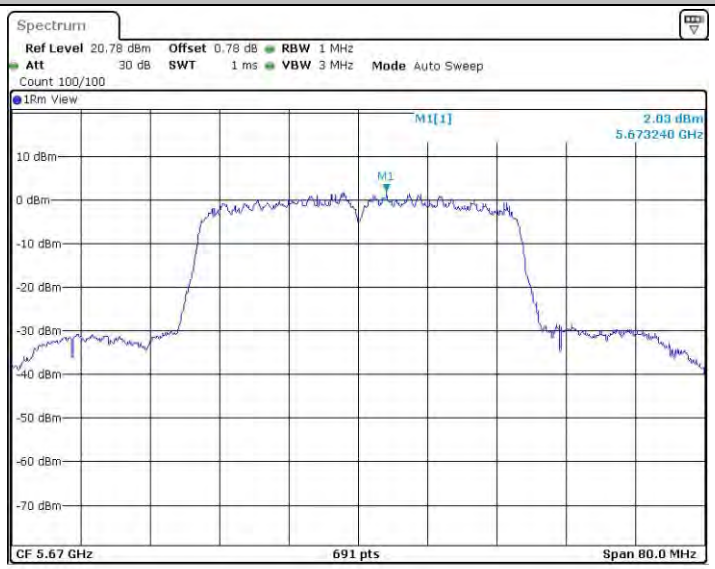

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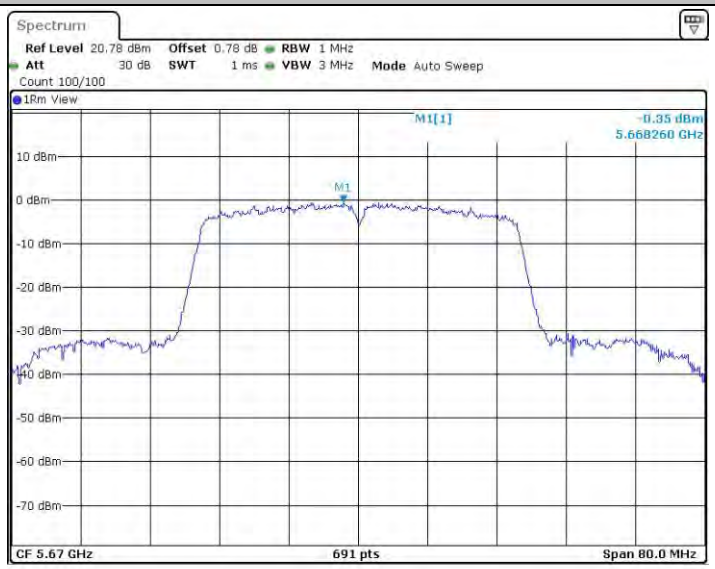

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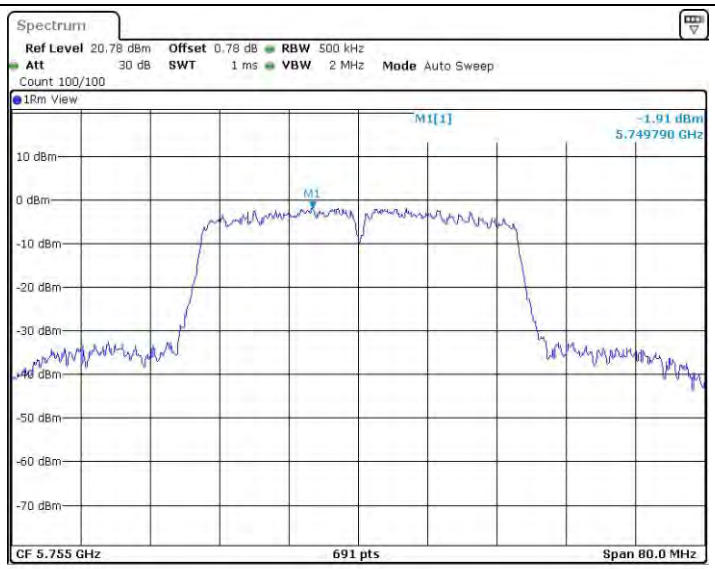

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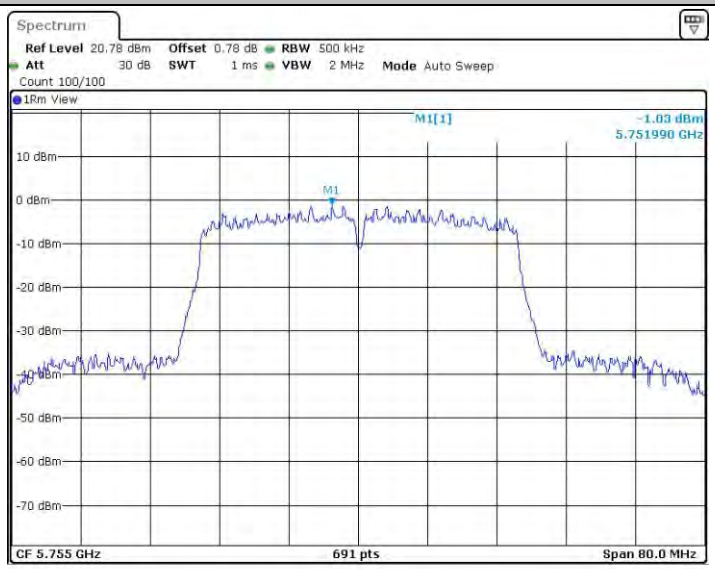

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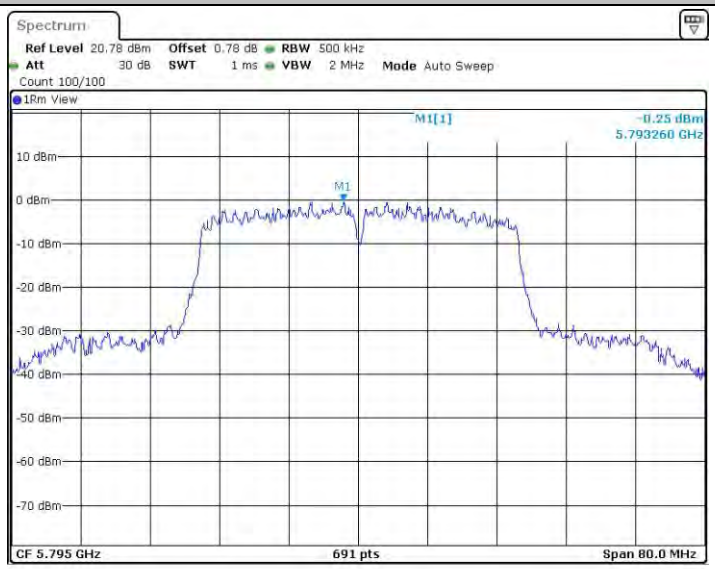
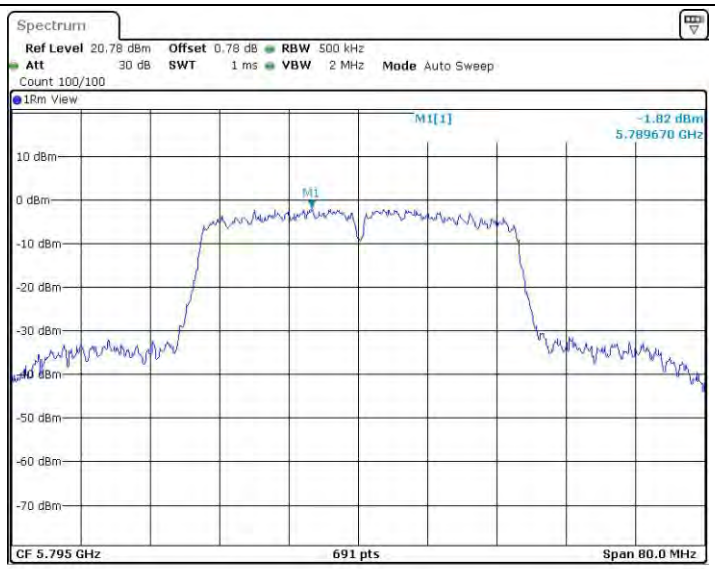


11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795

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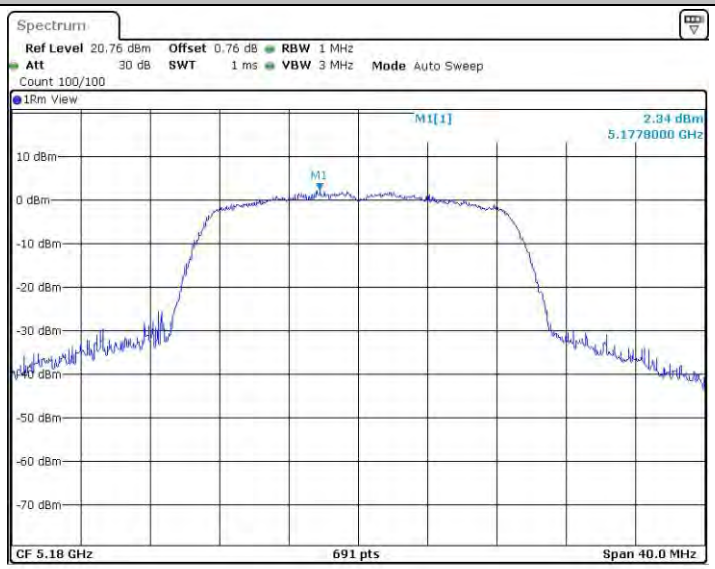

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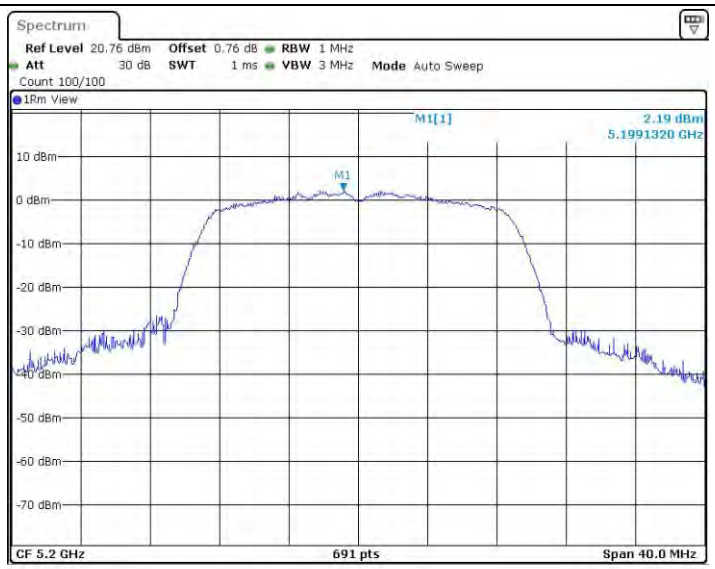

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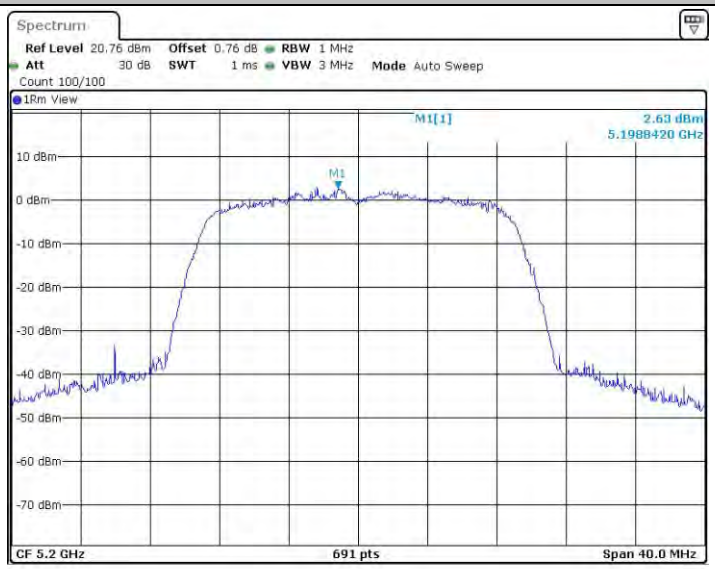

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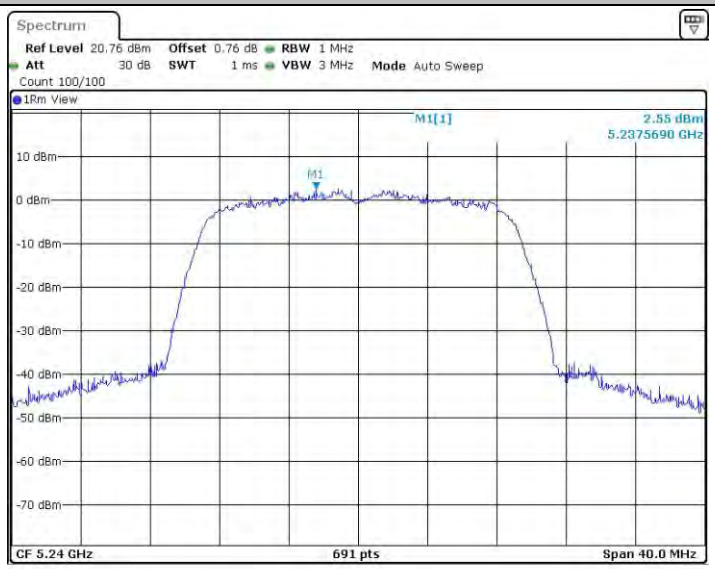

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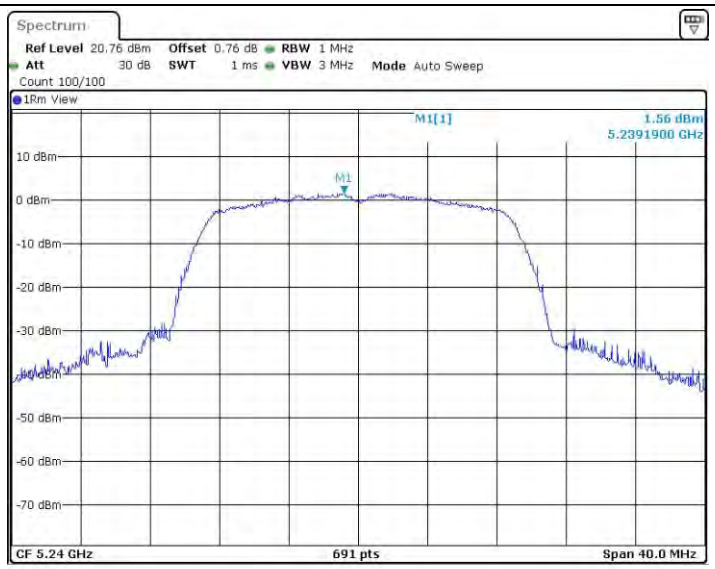

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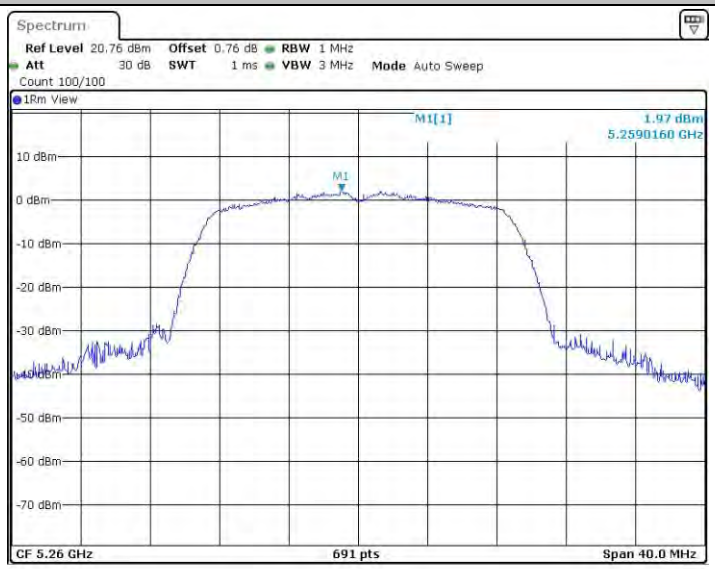

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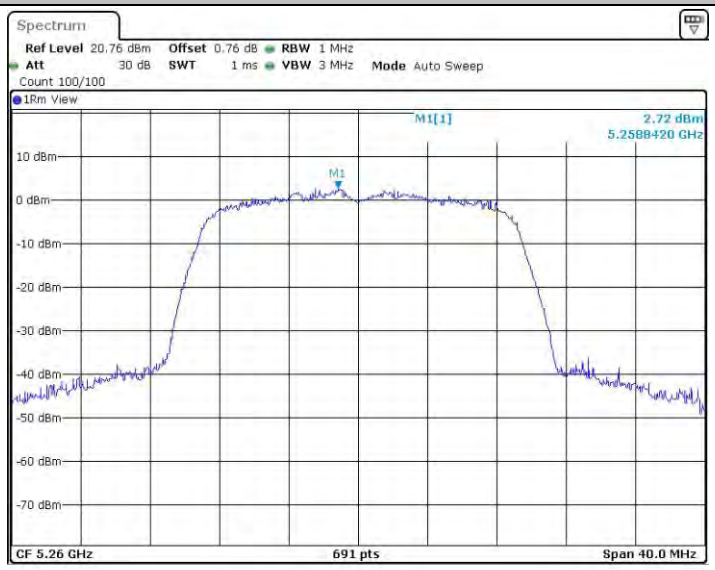

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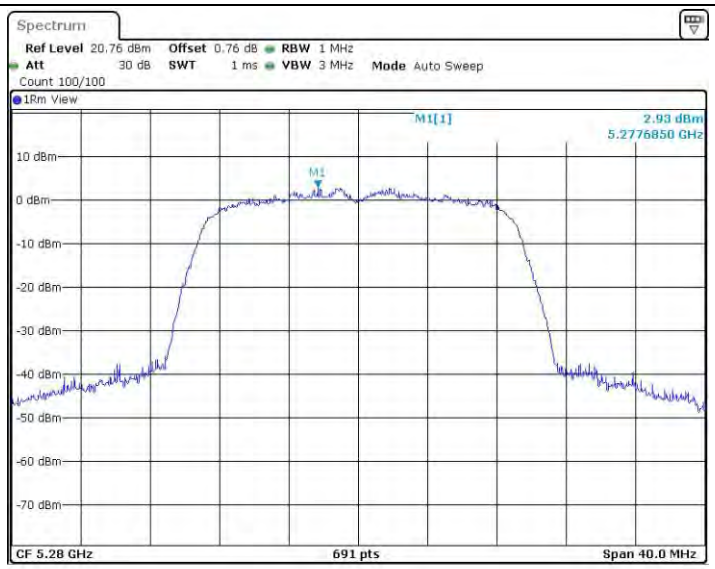

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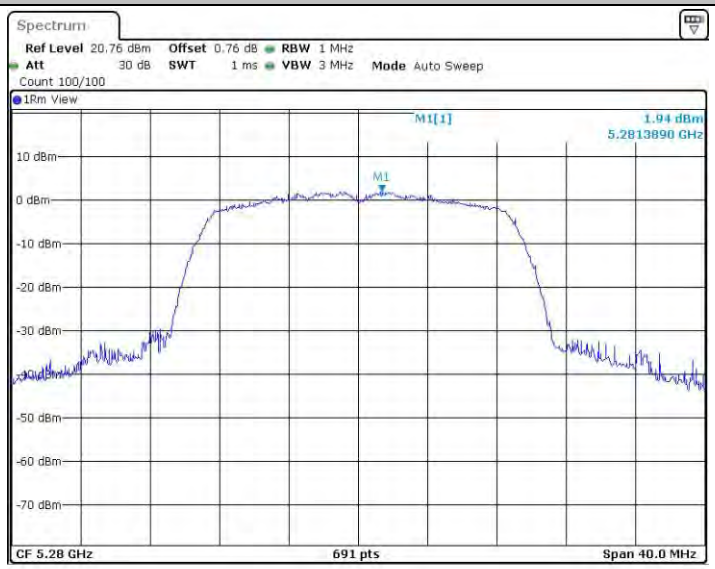

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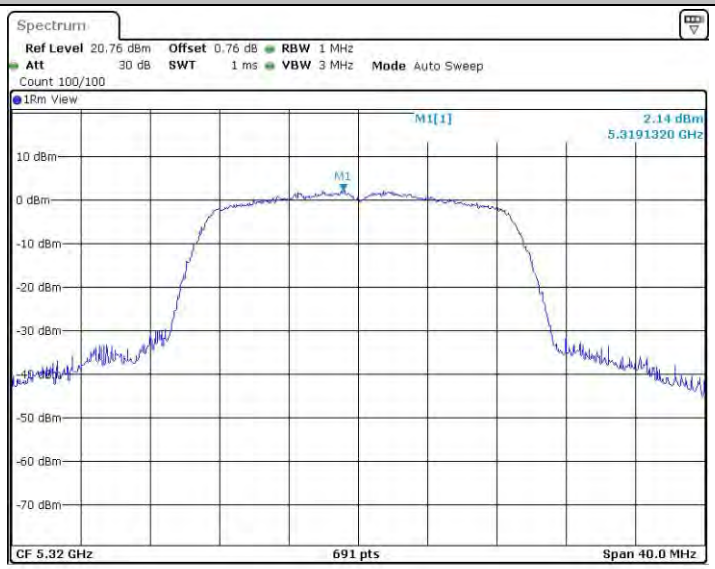

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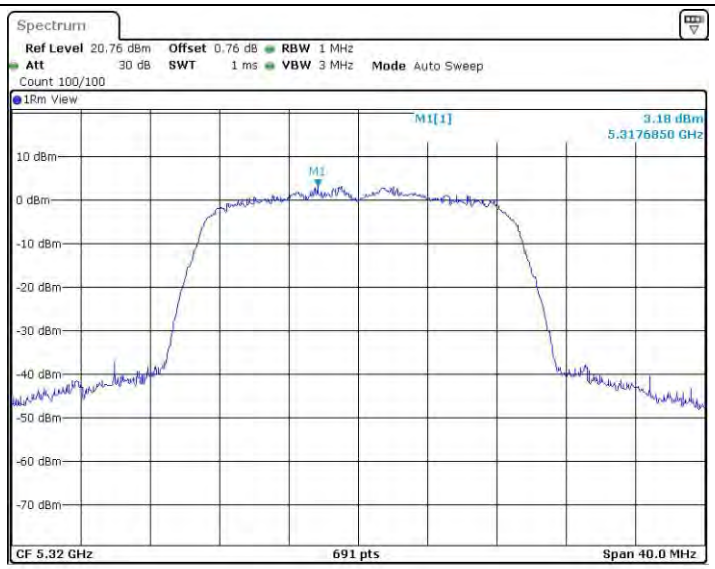

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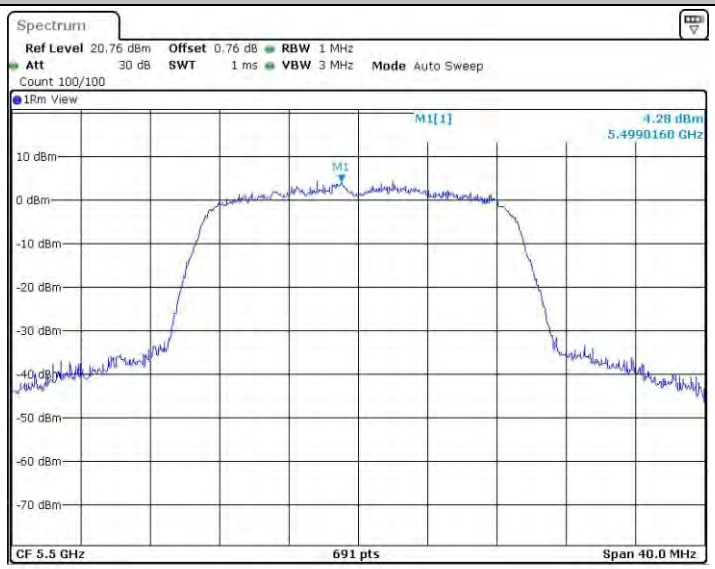

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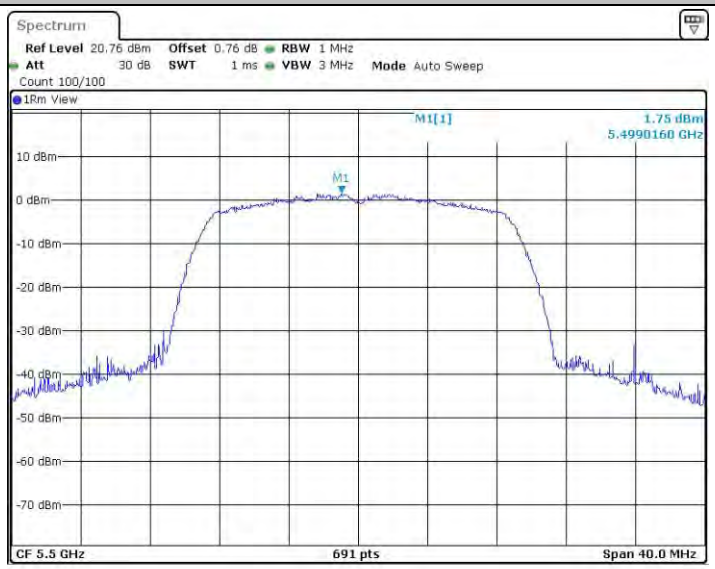

11AC20MIMO_Ant2_5500

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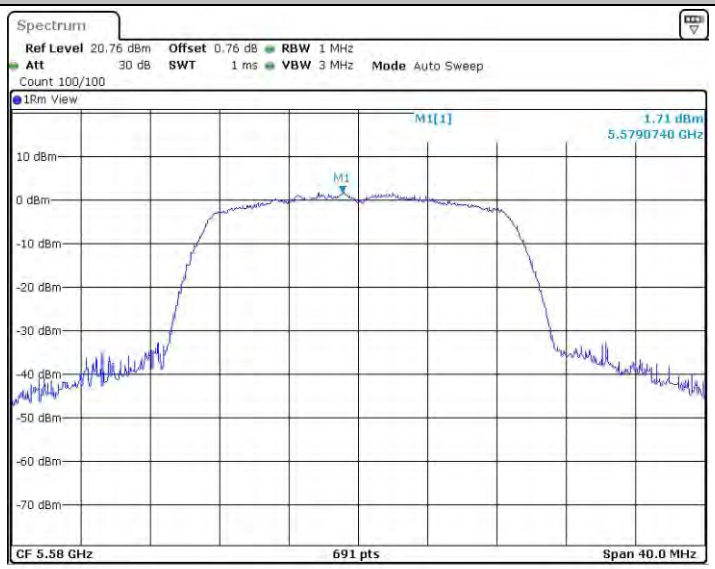

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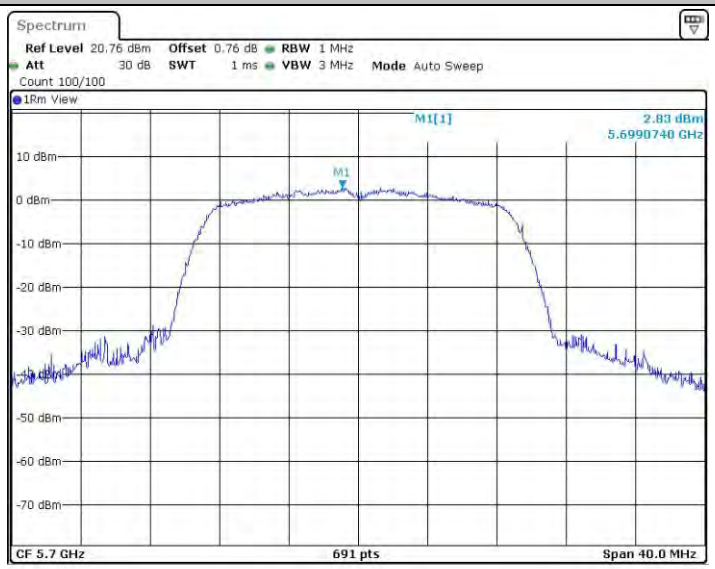

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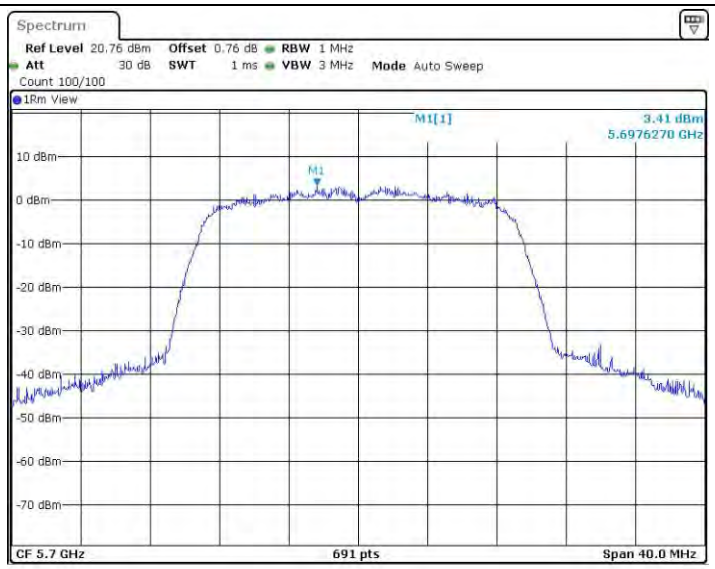

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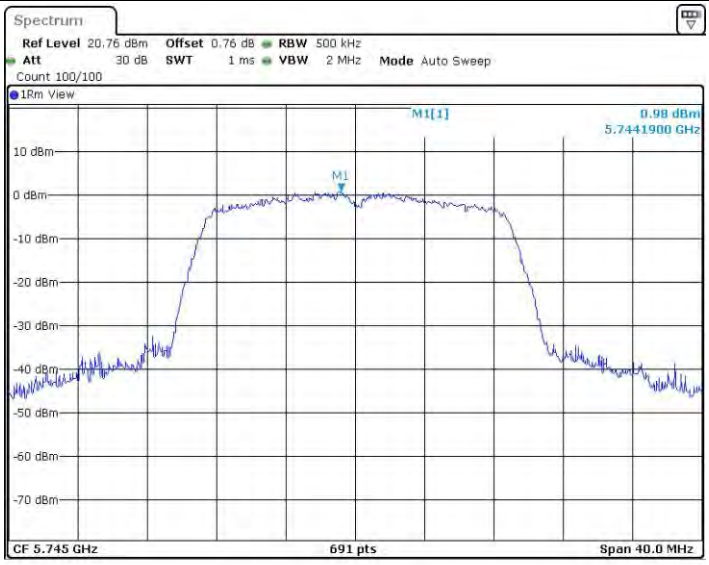

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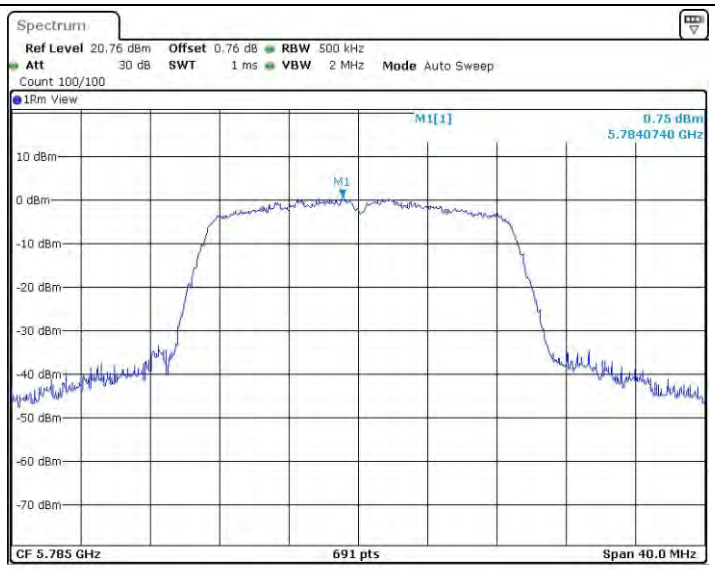

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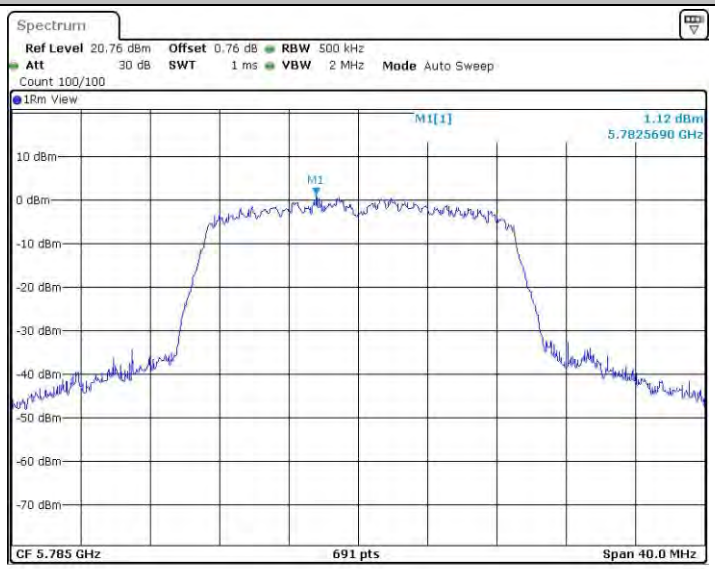

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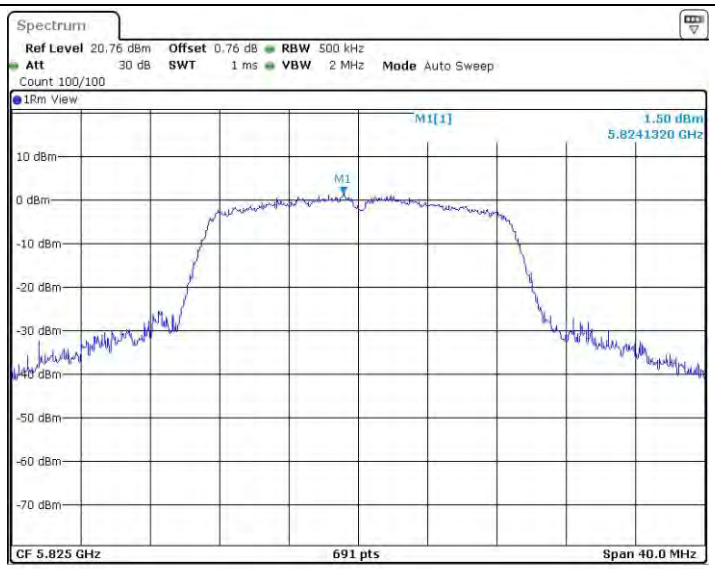

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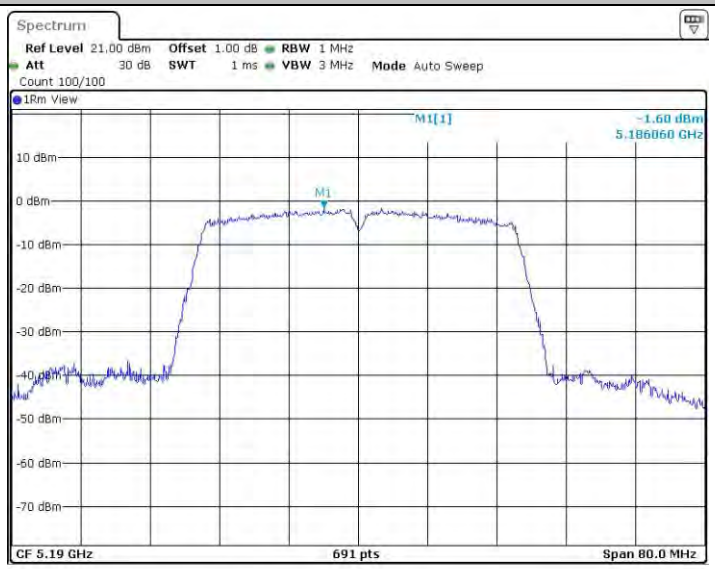

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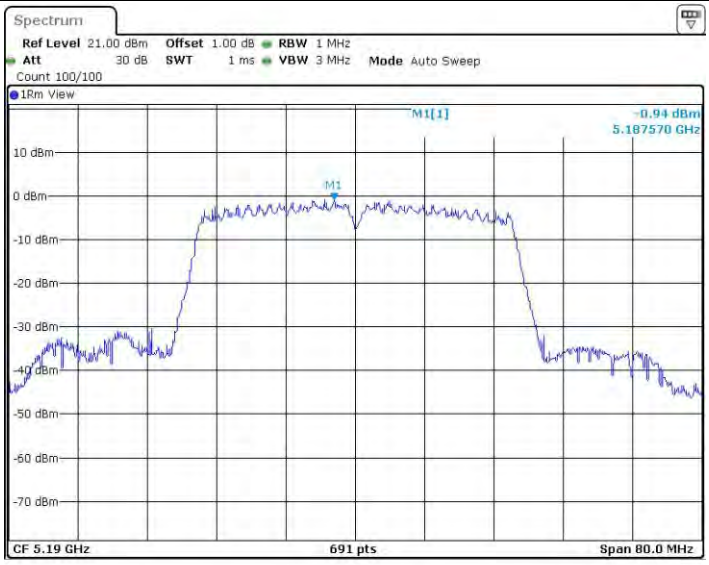

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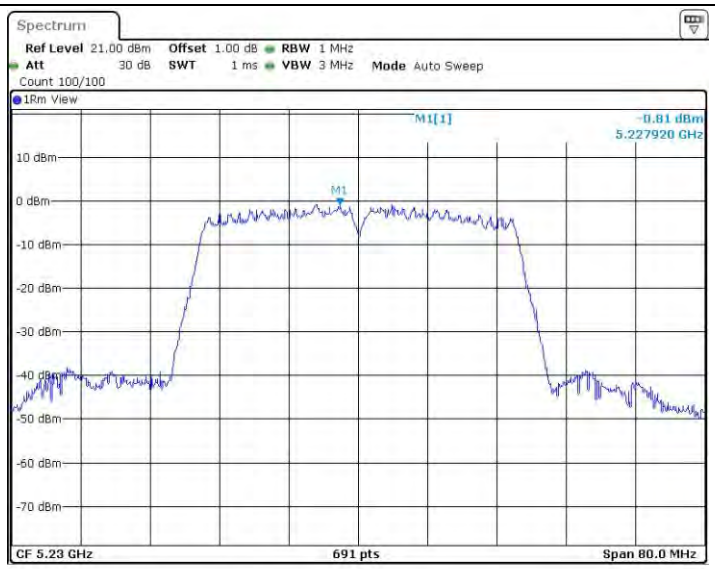

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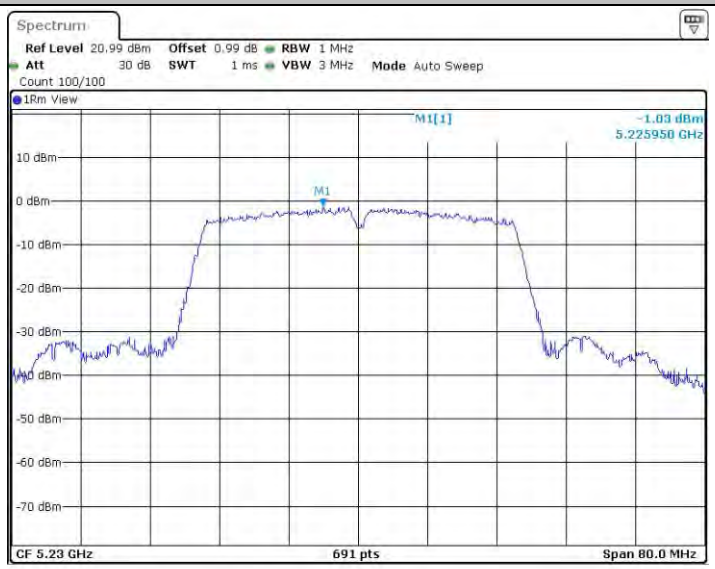

11AC40MIMO_Ant2_5230

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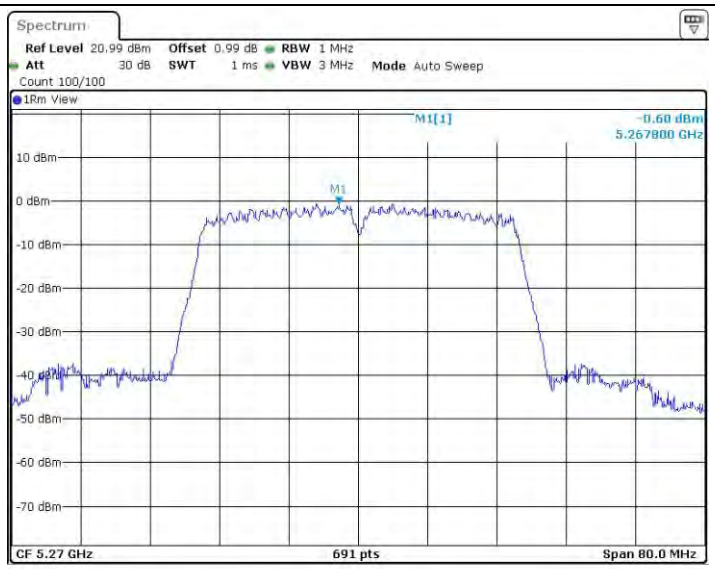

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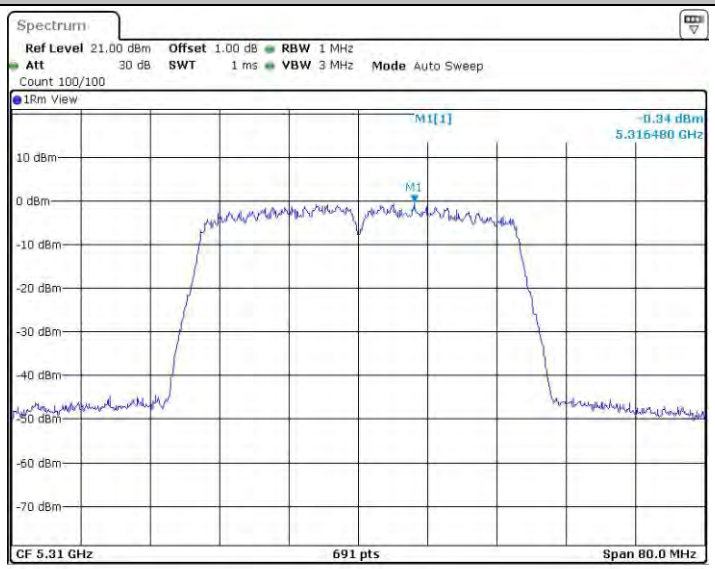

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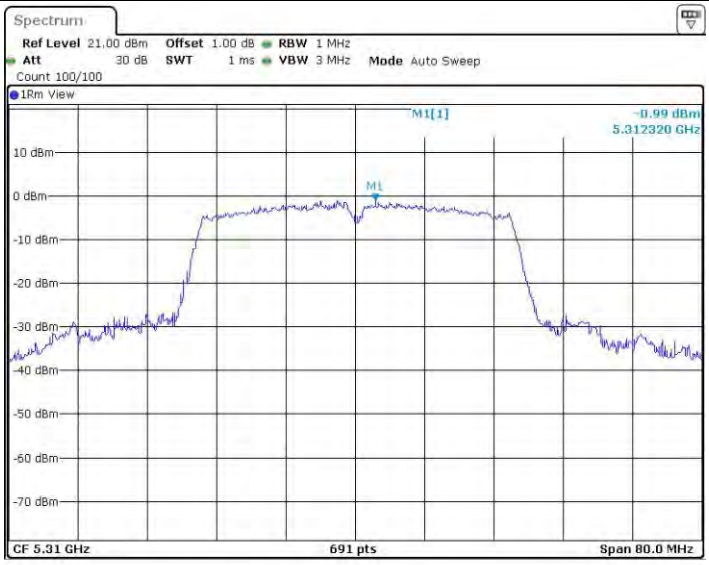

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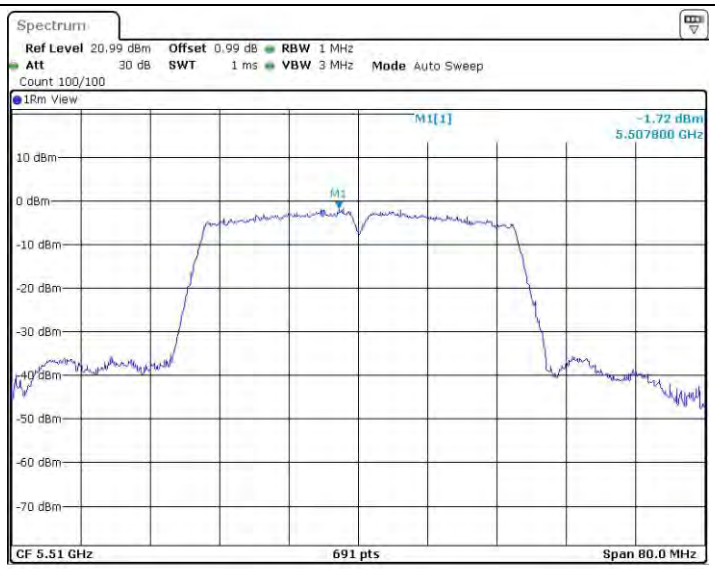

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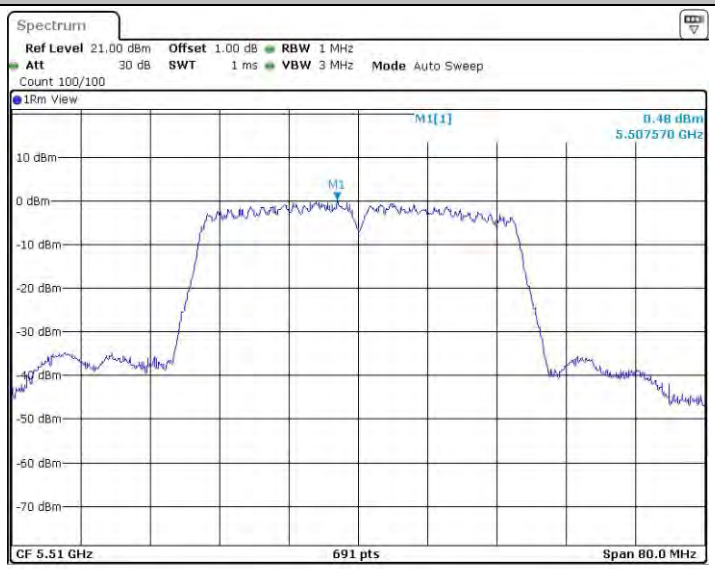

11AC40MIMO_Ant2_5510

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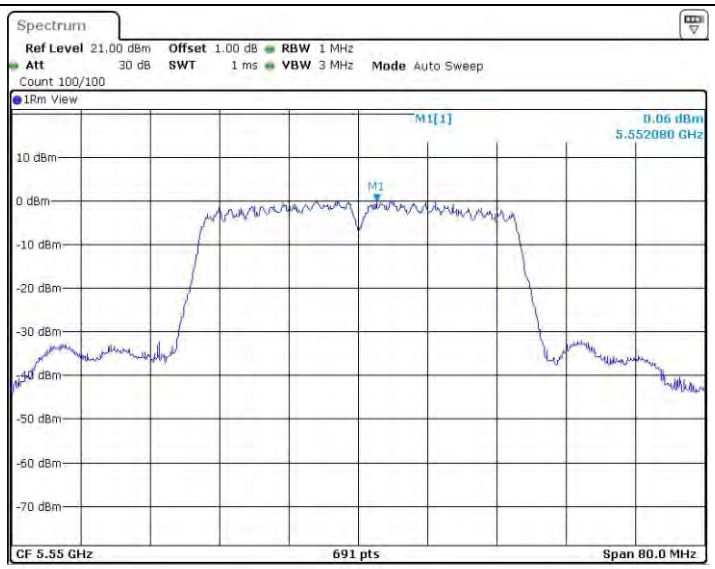

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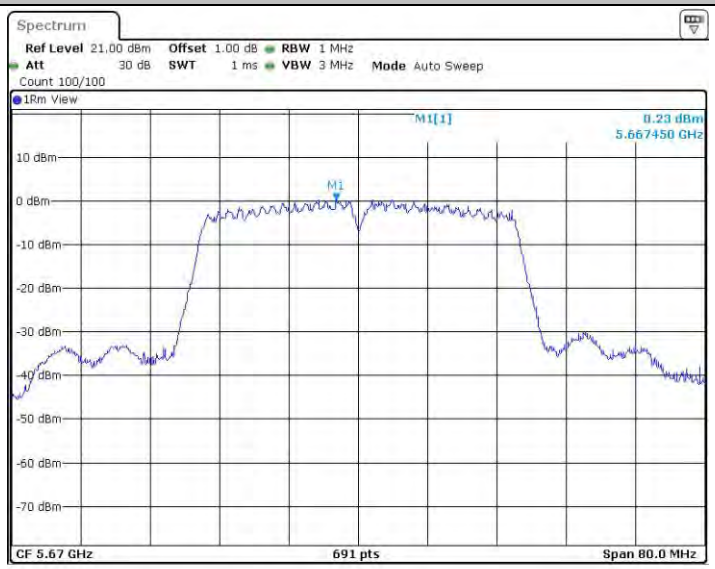

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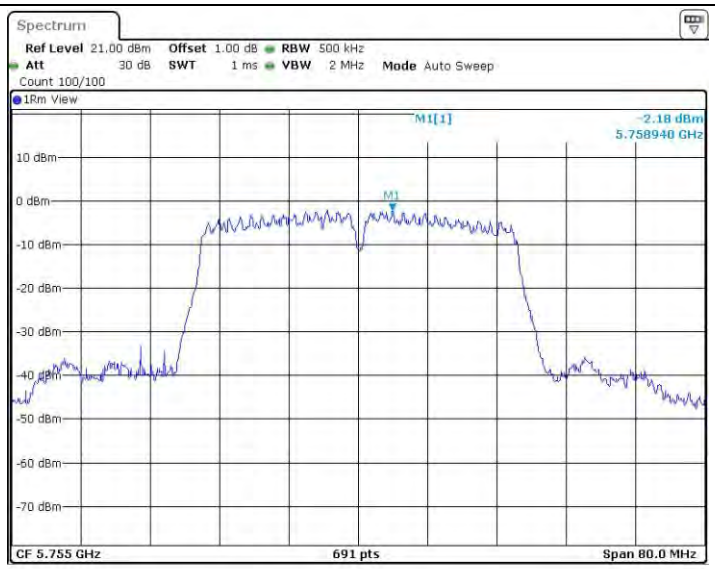

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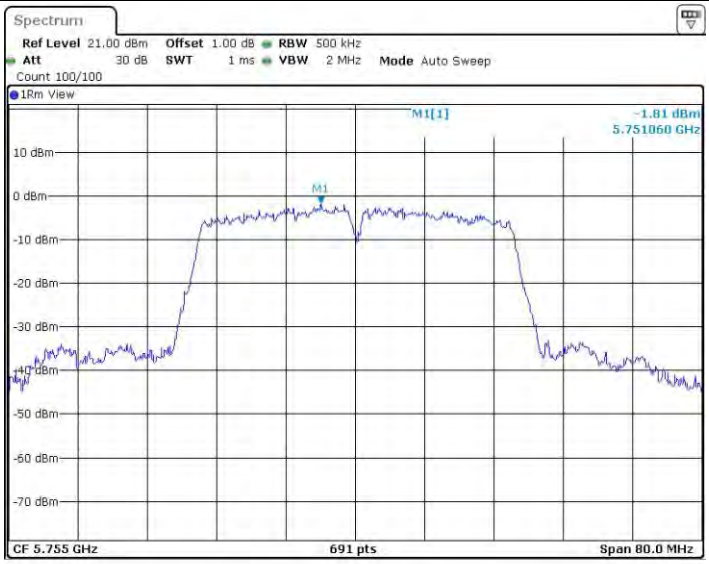

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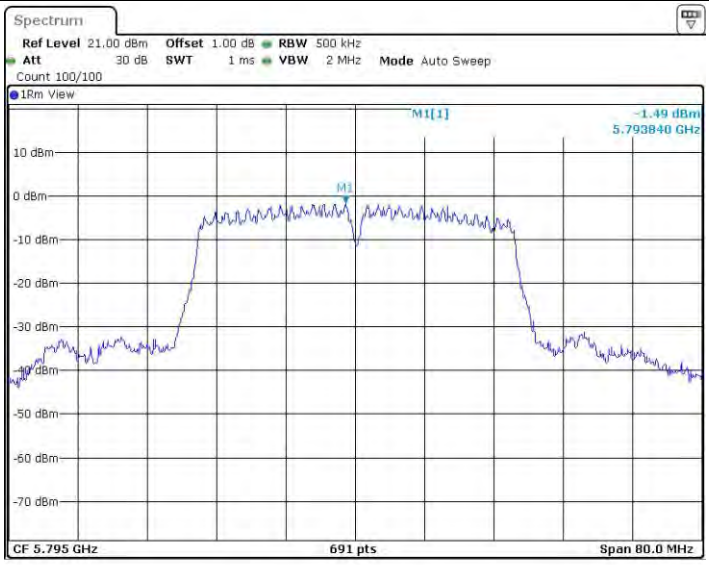

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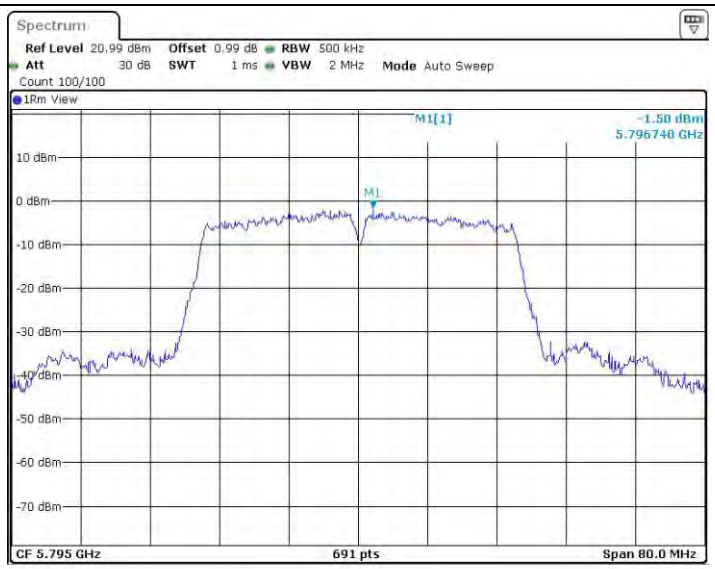

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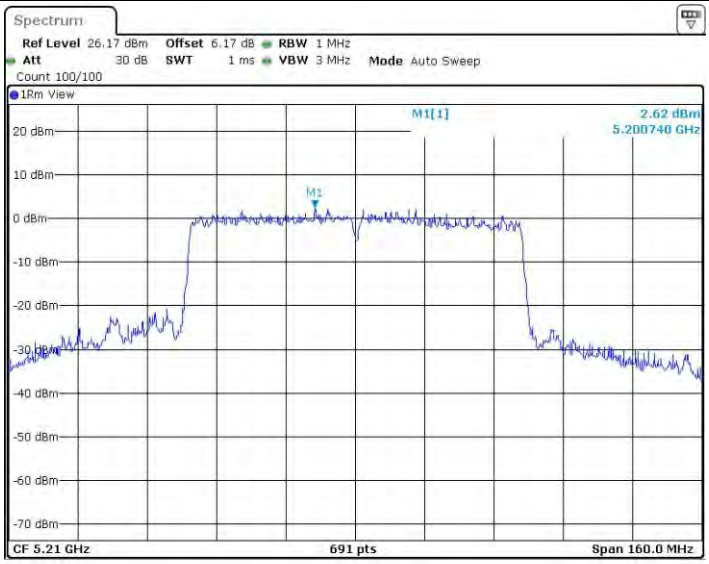

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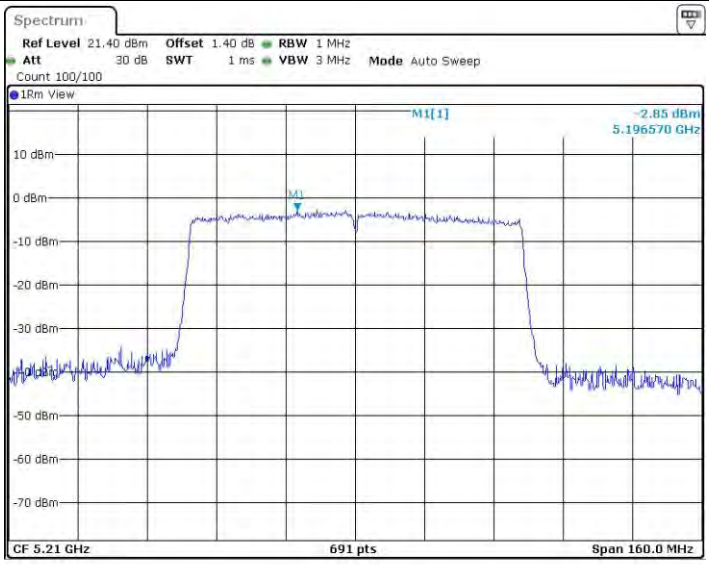

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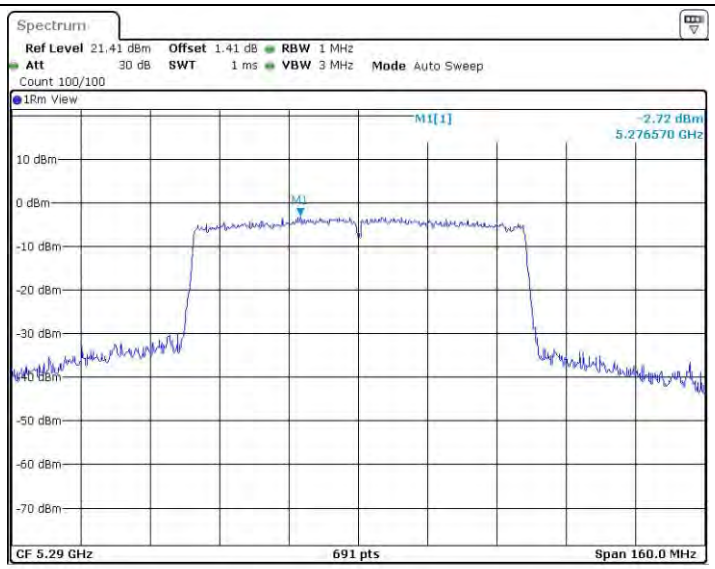

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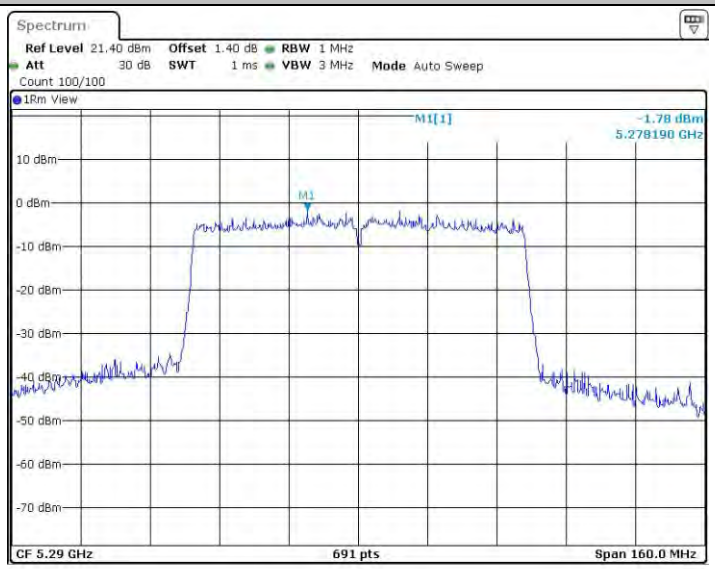

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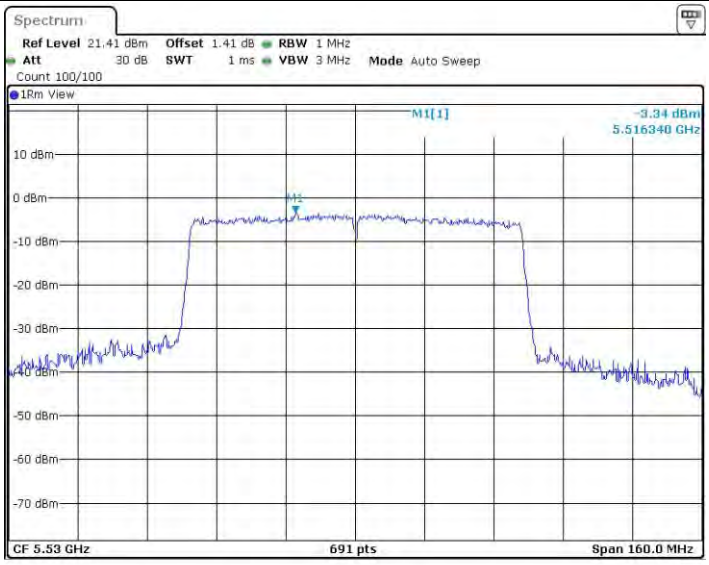

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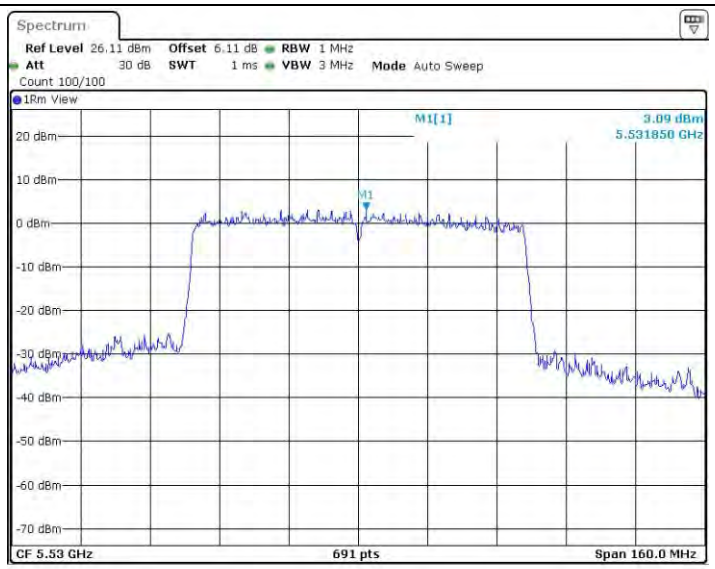

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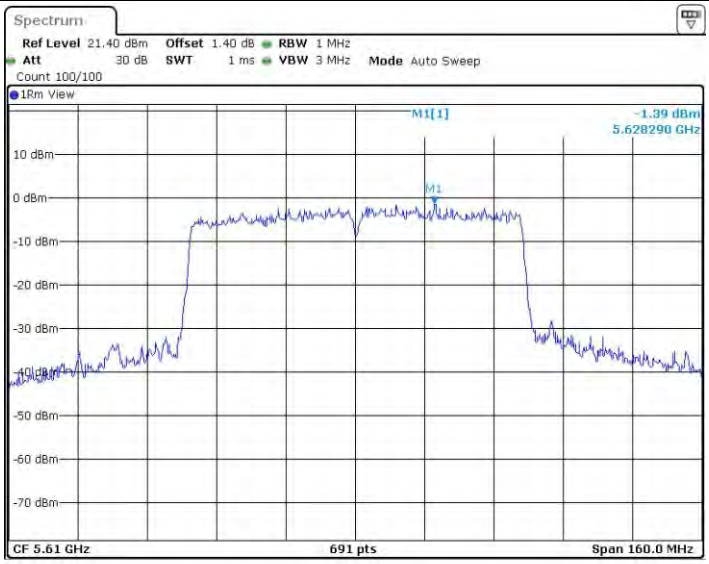

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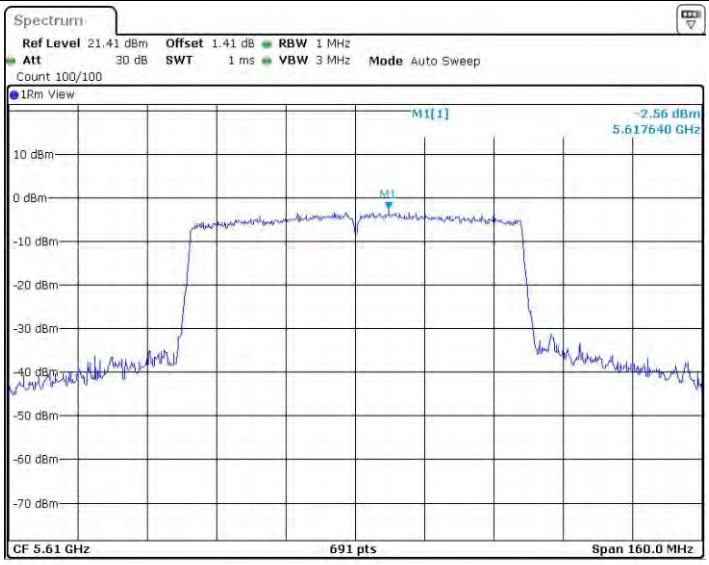

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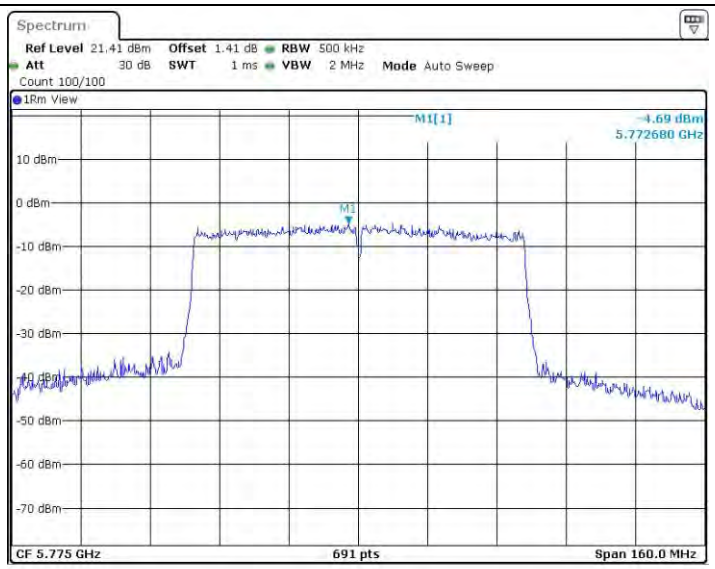

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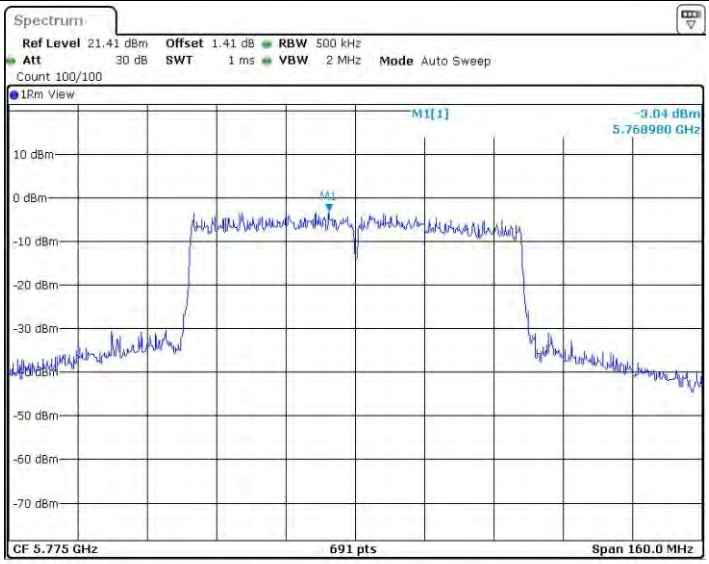

11AC80MIMO_Ant2_5775