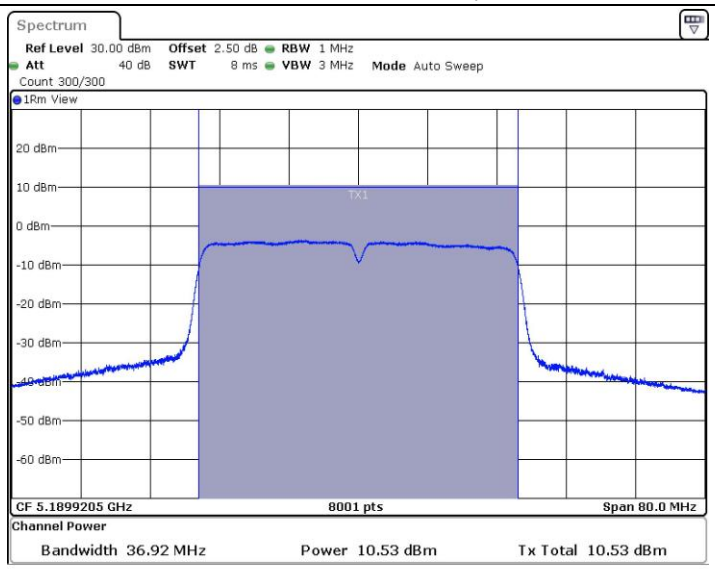
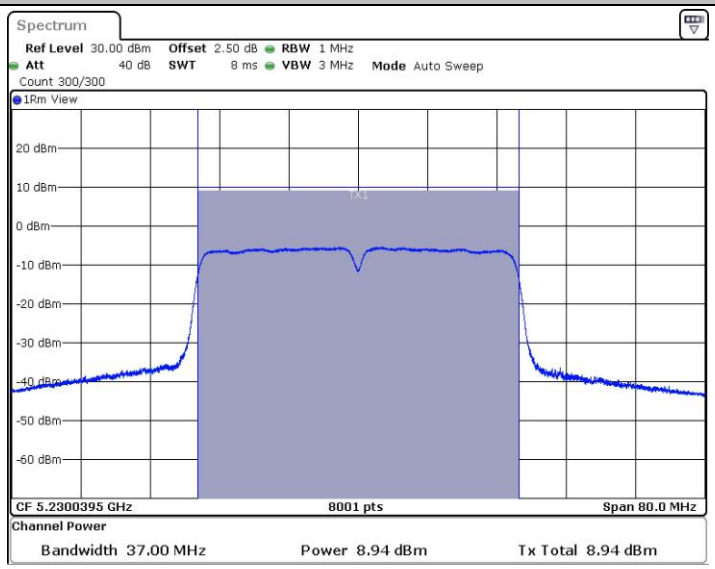


11N40SISO_Ant1_5190



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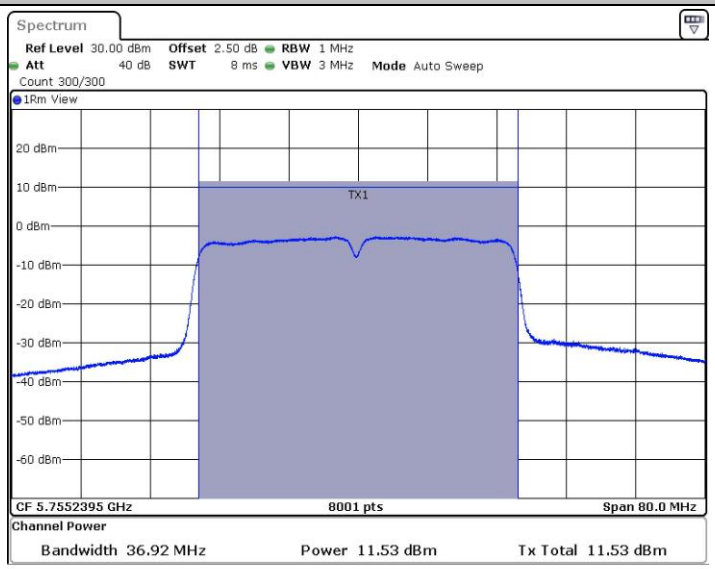
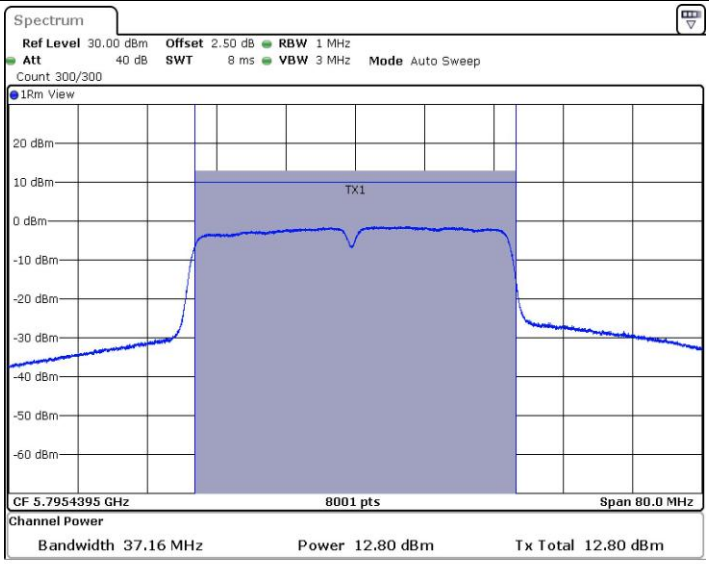


11N40SISO_Ant1_5755



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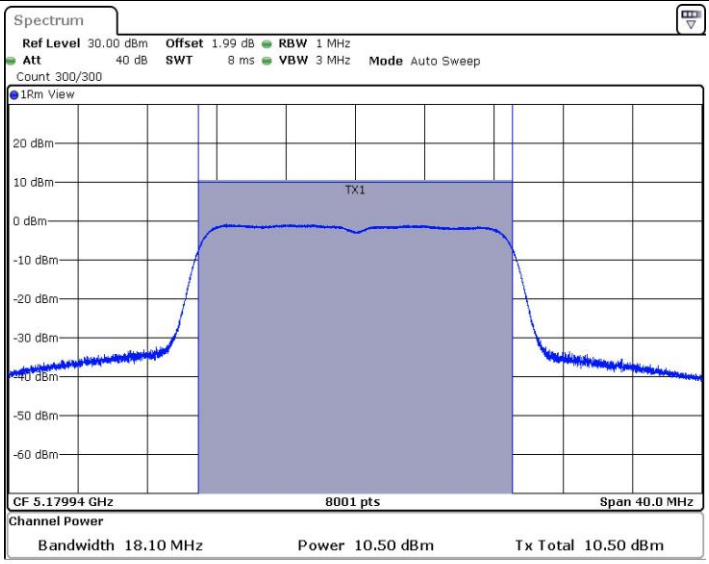

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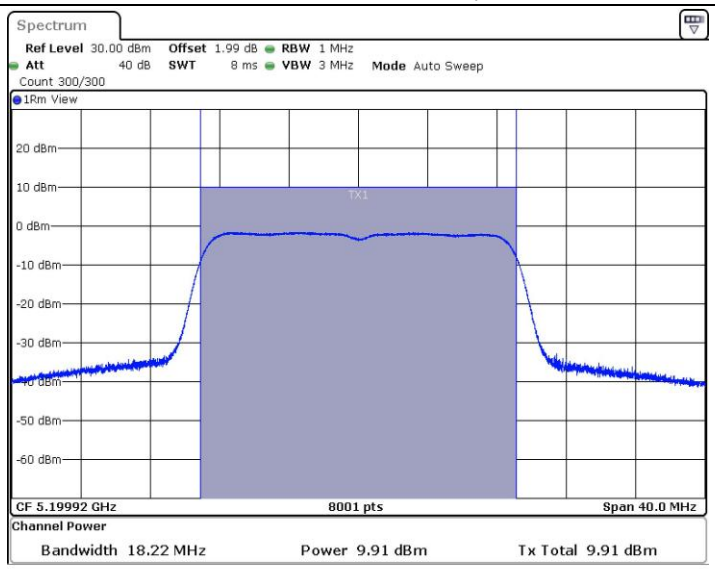

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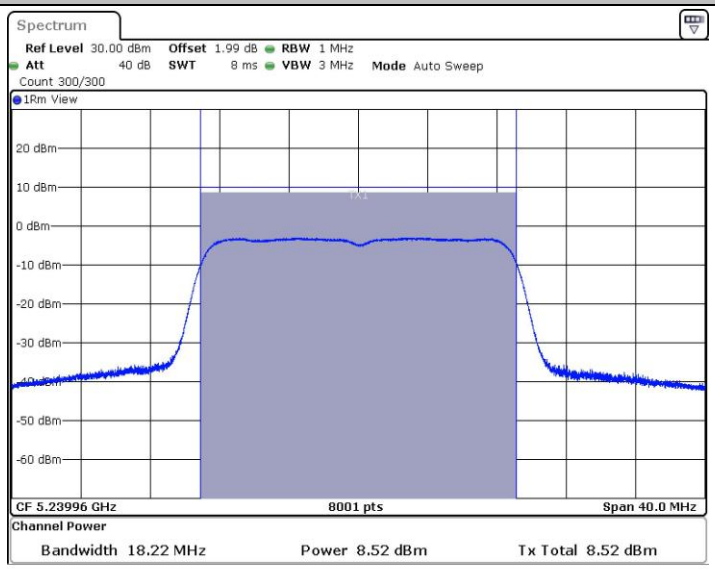

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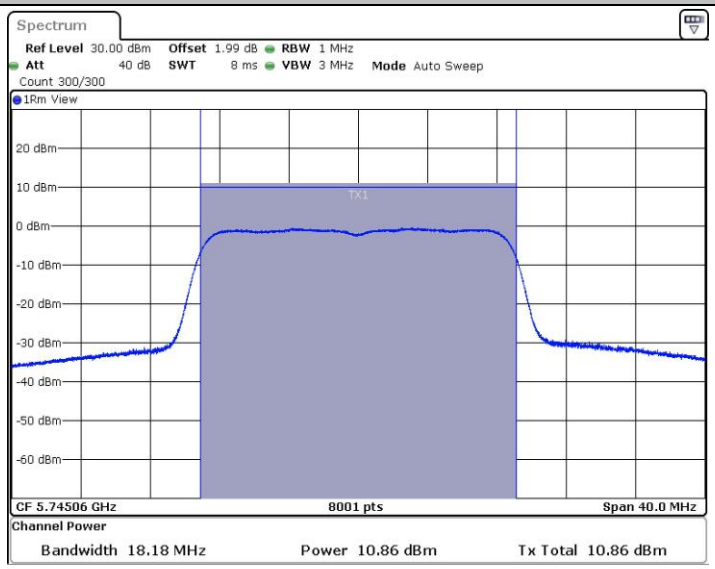
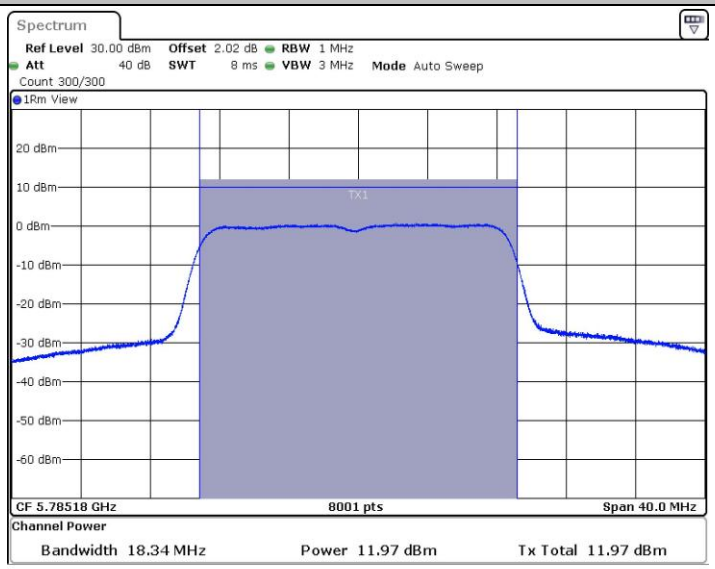


11AC20SISO_Ant1_5745



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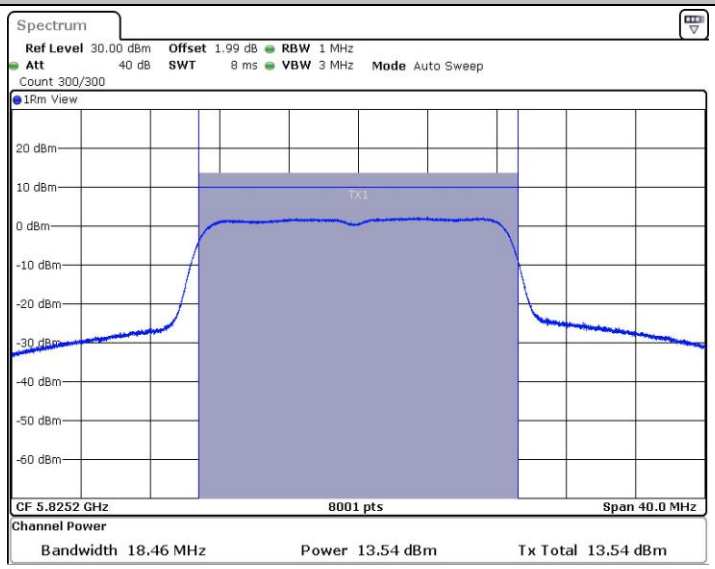

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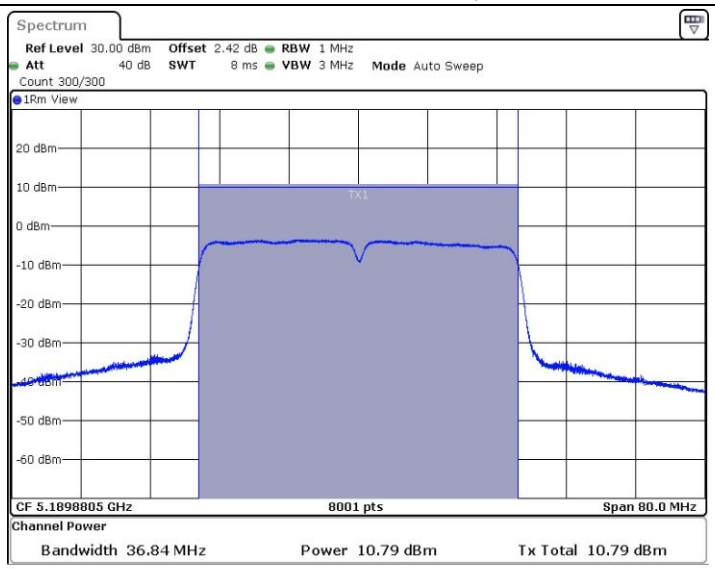
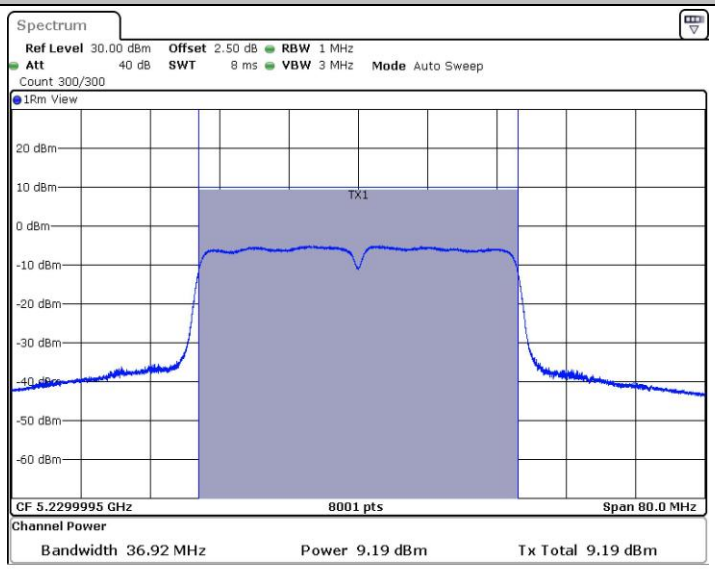


11AC40SISO_Ant1_5190



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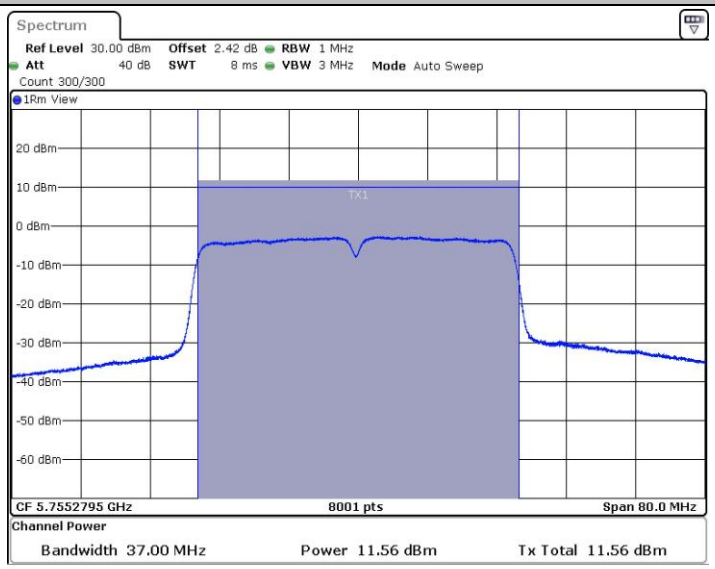
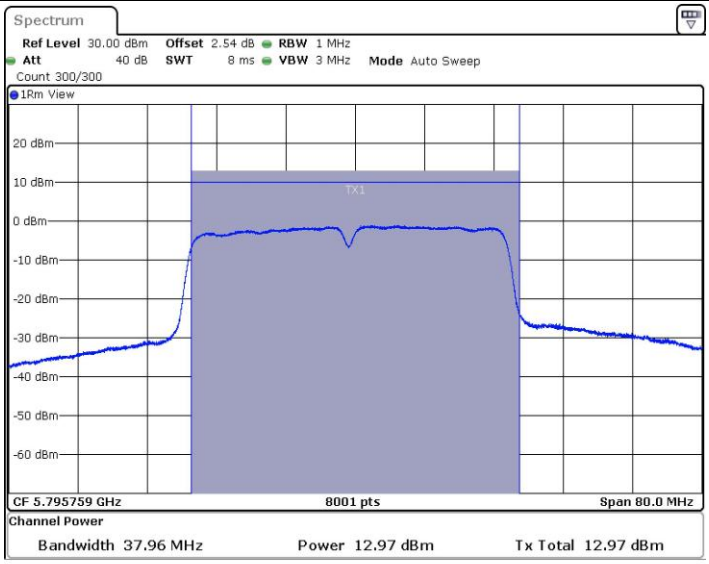
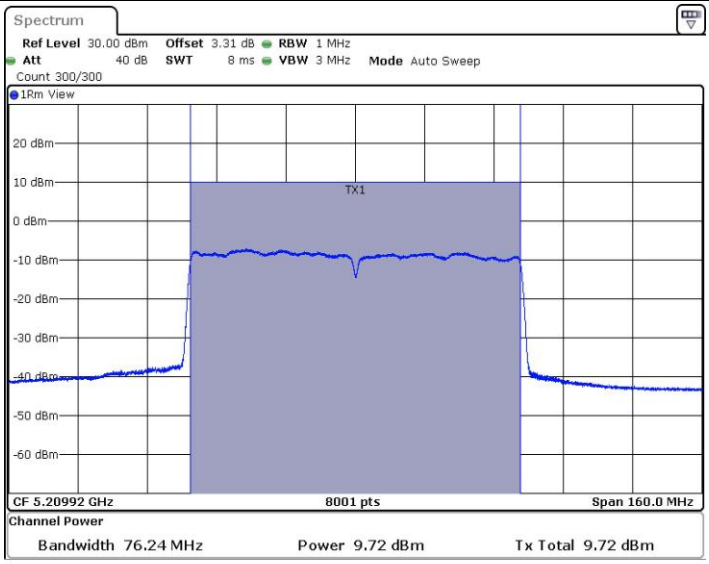


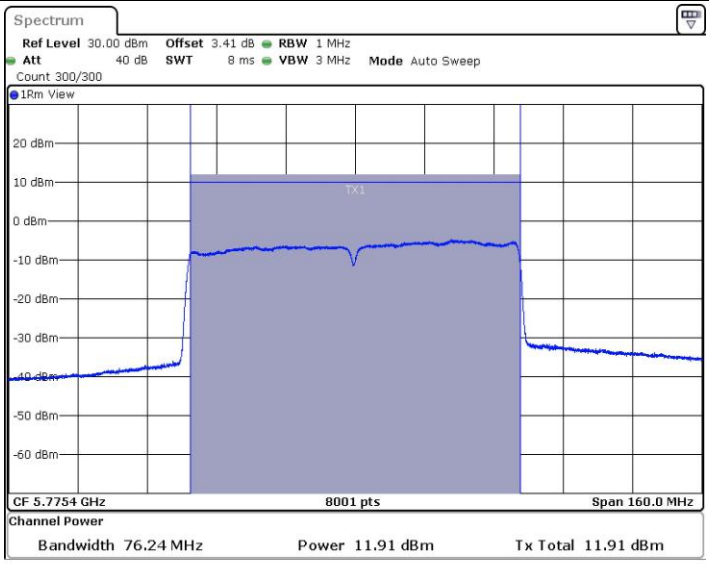
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix B2: Maximum EIRP

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	12.79	<=36	PASS
		5200	12.02	<=36	PASS
		5240	10.62	<=36	PASS
		5745	13.48	<=36	PASS
		5785	14.41	<=36	PASS
		5825	15.73	<=36	PASS
11N20SISO	Ant1	5180	12.14	<=36	PASS
		5200	11.47	<=36	PASS
		5240	10.14	<=36	PASS
		5745	12.70	<=36	PASS
		5785	14.24	<=36	PASS
		5825	15.76	<=36	PASS
11N40SISO	Ant1	5190	12.33	<=36	PASS
		5230	10.74	<=36	PASS
		5755	13.33	<=36	PASS
		5795	14.60	<=36	PASS
11AC20SISO	Ant1	5180	12.30	<=36	PASS
		5200	11.71	<=36	PASS
		5240	10.32	<=36	PASS
		5745	12.66	<=36	PASS
		5785	13.77	<=36	PASS
		5825	15.34	<=36	PASS
11AC40SISO	Ant1	5190	12.59	<=36	PASS
		5230	10.99	<=36	PASS
		5755	13.36	<=36	PASS
		5795	14.77	<=36	PASS
11AC80SISO	Ant1	5210	11.52	<=36	PASS
		5775	13.71	<=36	PASS

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

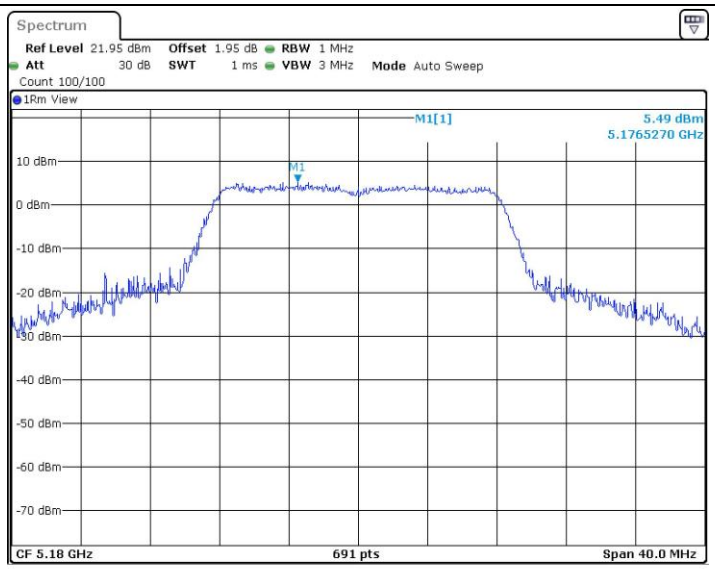
Appendix C: Maximum power spectral density

Test Result

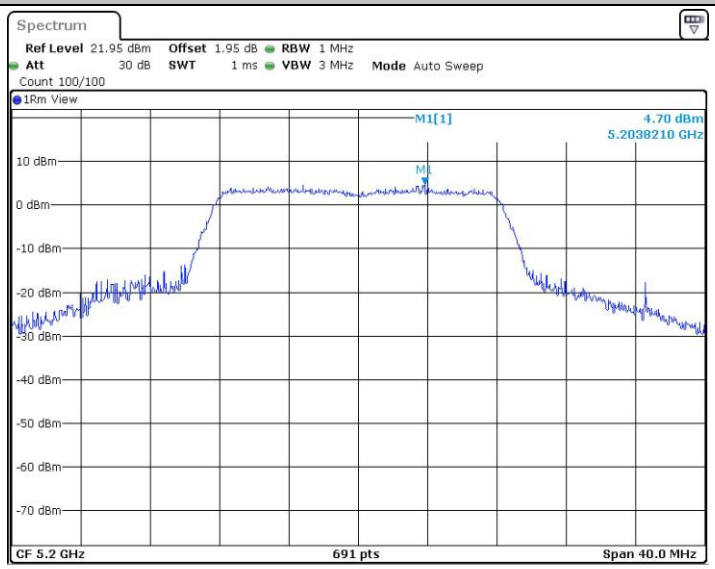
TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	5.49	<=11	PASS
		5200	4.7	<=11	PASS
		5240	3.19	<=11	PASS
		5745	4.47	<=30	PASS
		5785	5.64	<=30	PASS
		5825	7.29	<=30	PASS
11N20SISO	Ant1	5180	5.48	<=11	PASS
		5200	5.08	<=11	PASS
		5240	3.52	<=11	PASS
		5745	3.7	<=30	PASS
		5785	5.72	<=30	PASS
		5825	7.34	<=30	PASS
11N40SISO	Ant1	5190	3.49	<=11	PASS
		5230	1.47	<=11	PASS
		5755	3.23	<=30	PASS
		5795	3.81	<=30	PASS
11AC20SISO	Ant1	5180	5.83	<=11	PASS
		5200	5.22	<=11	PASS
		5240	3.57	<=11	PASS
		5745	4.16	<=30	PASS
		5785	5.11	<=30	PASS
		5825	7.34	<=30	PASS
11AC40SISO	Ant1	5190	3.45	<=11	PASS
		5230	1.52	<=11	PASS
		5755	2.3	<=30	PASS
		5795	3.92	<=30	PASS
11AC80SISO	Ant1	5210	-0.11	<=11	PASS
		5775	0.19	<=30	PASS

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

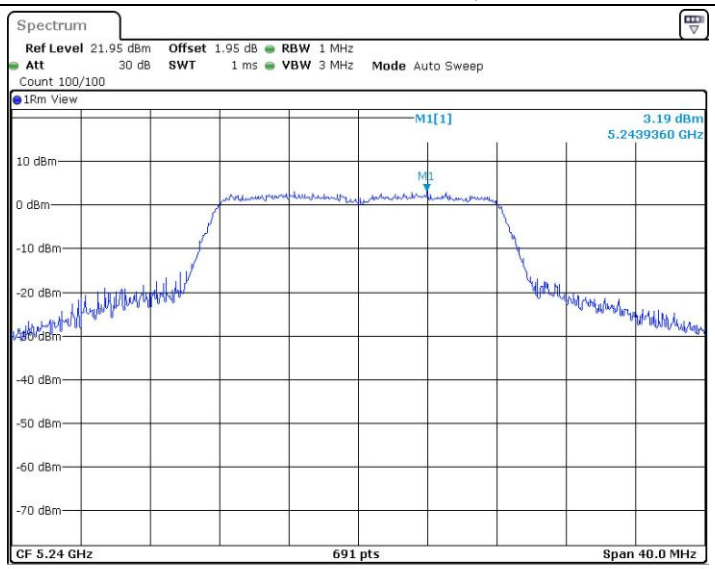
Test Graphs



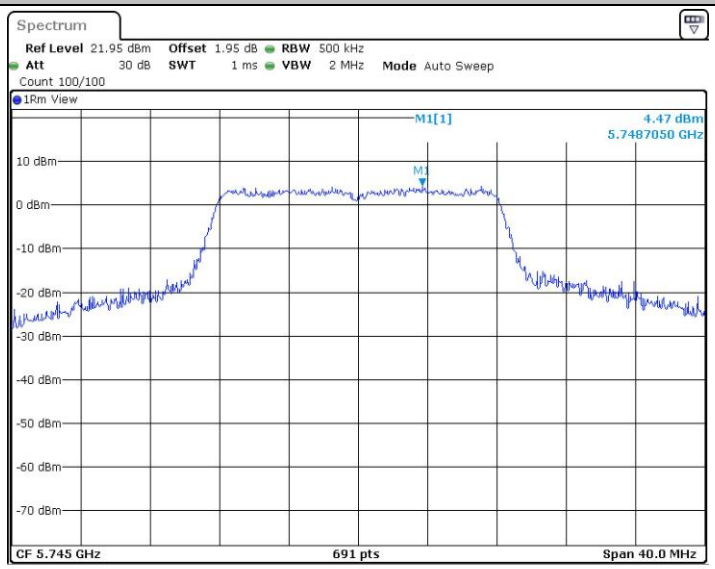
11A_Ant1_5180



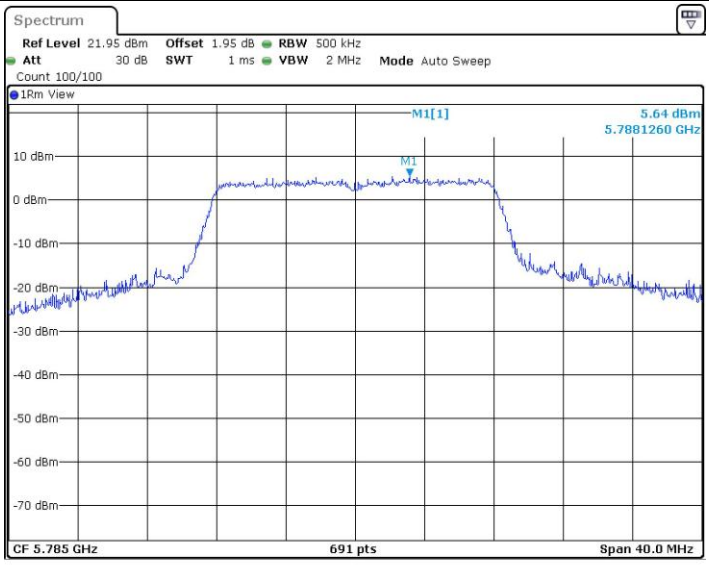
11A_Ant1_5200



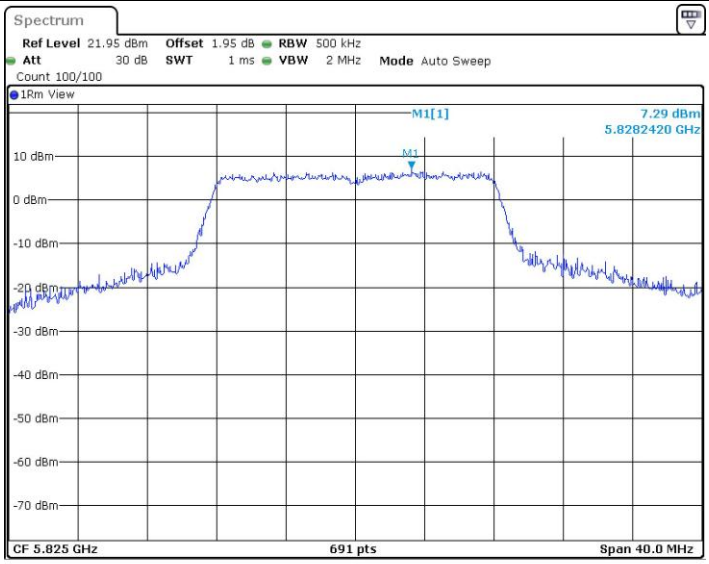
11A_Ant1_5240



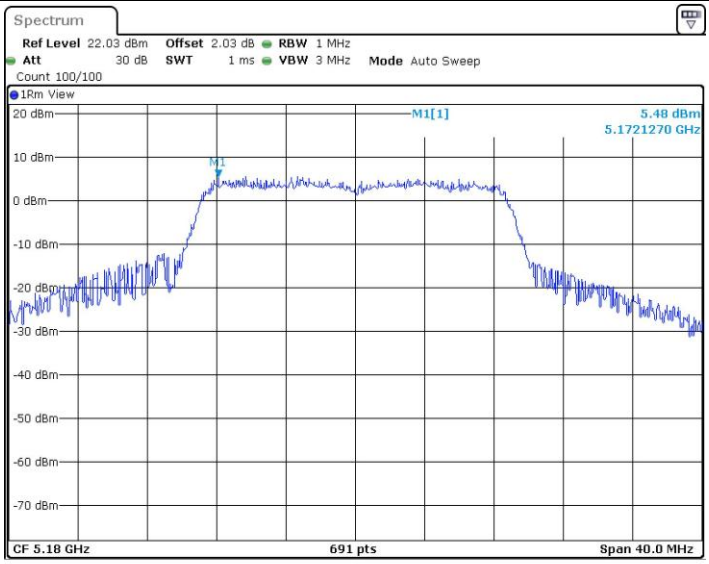
11A_Ant1_5745



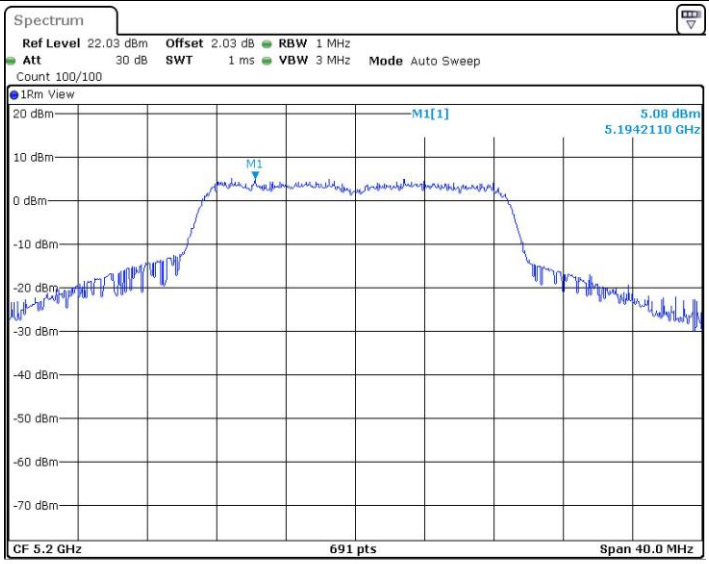
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



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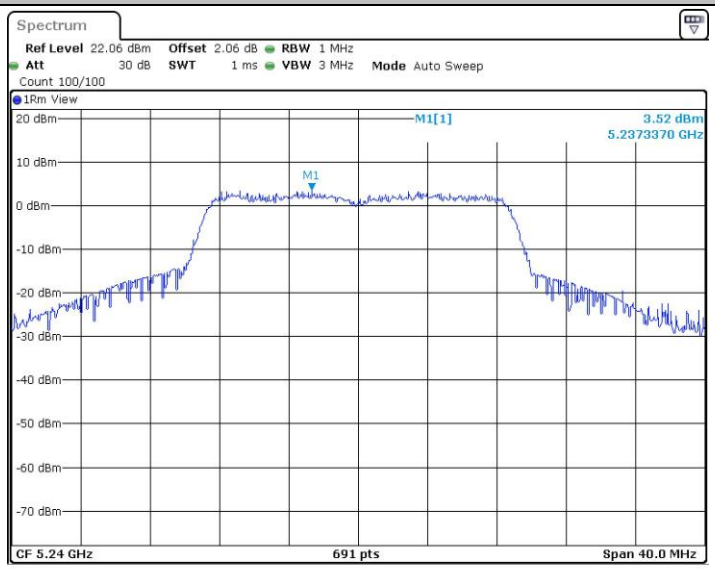

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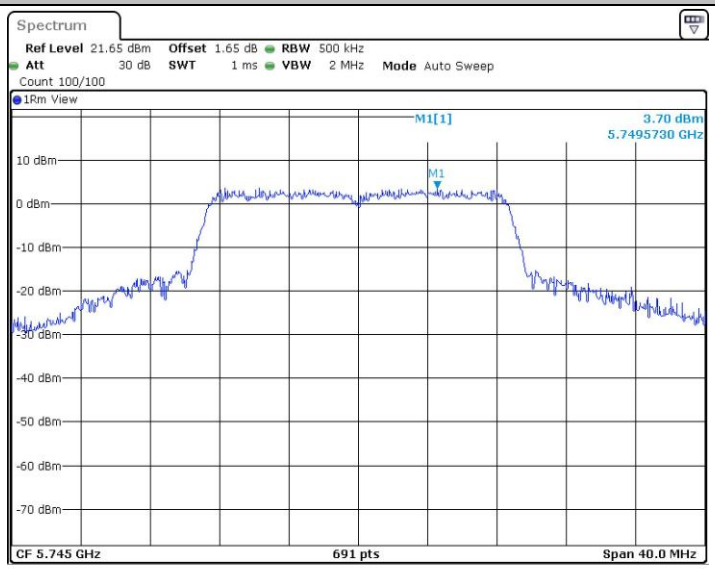

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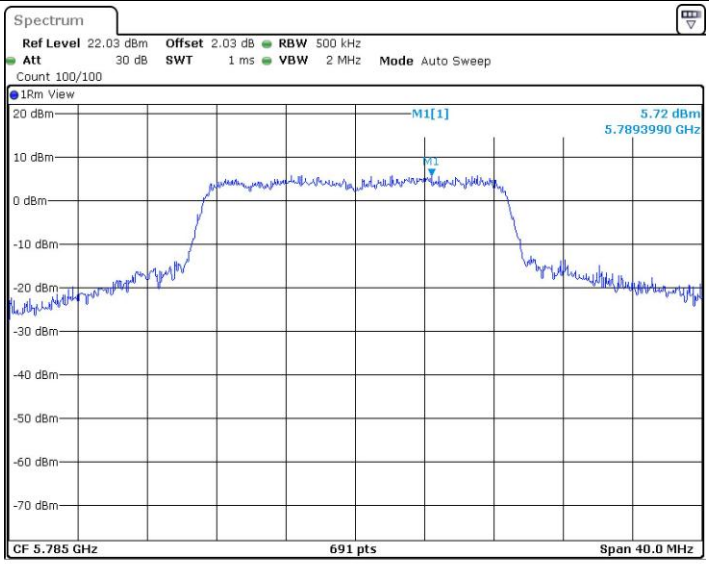

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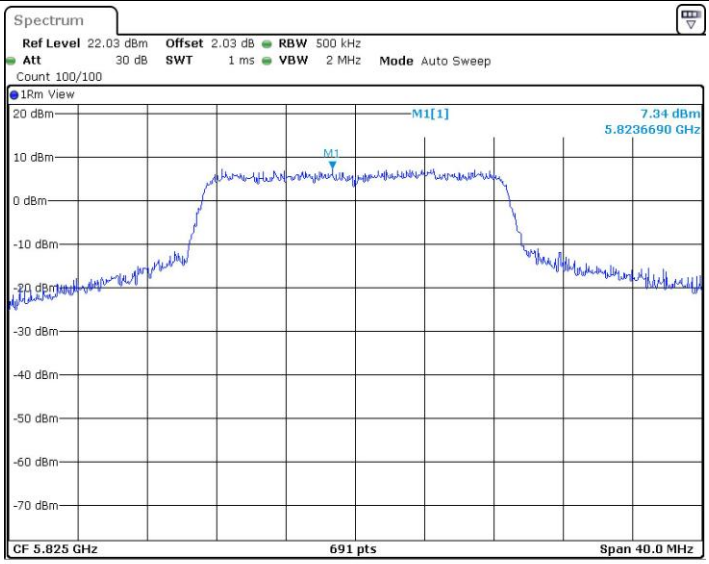

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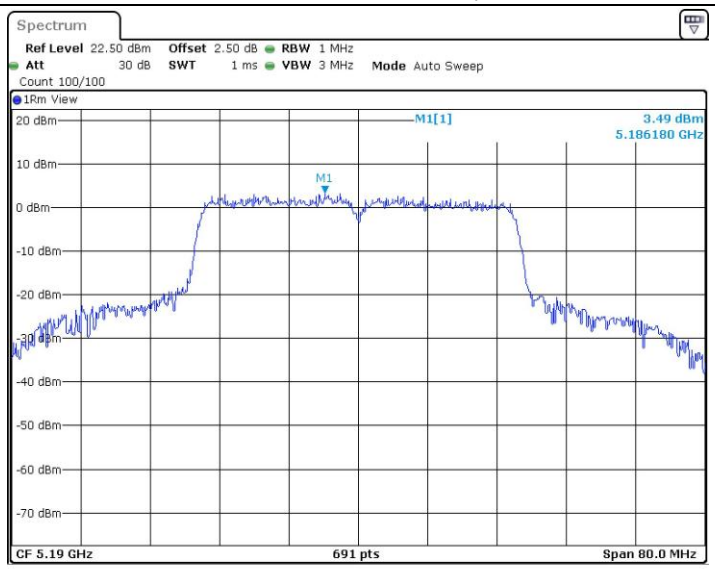
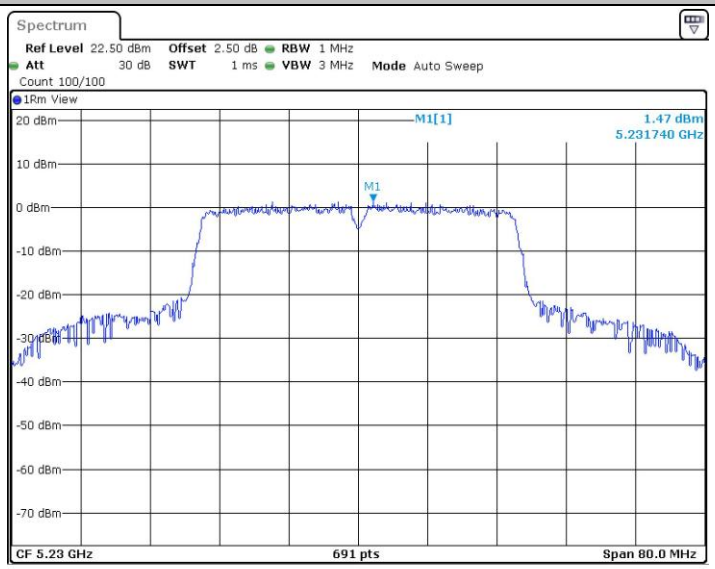
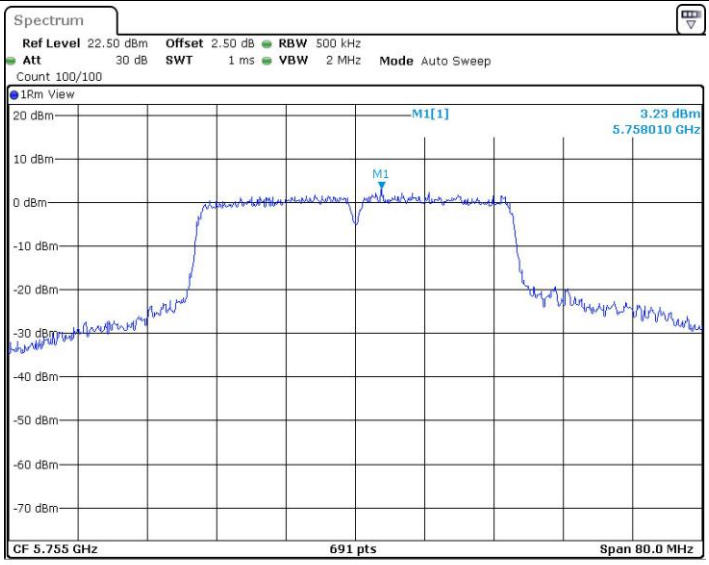


11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



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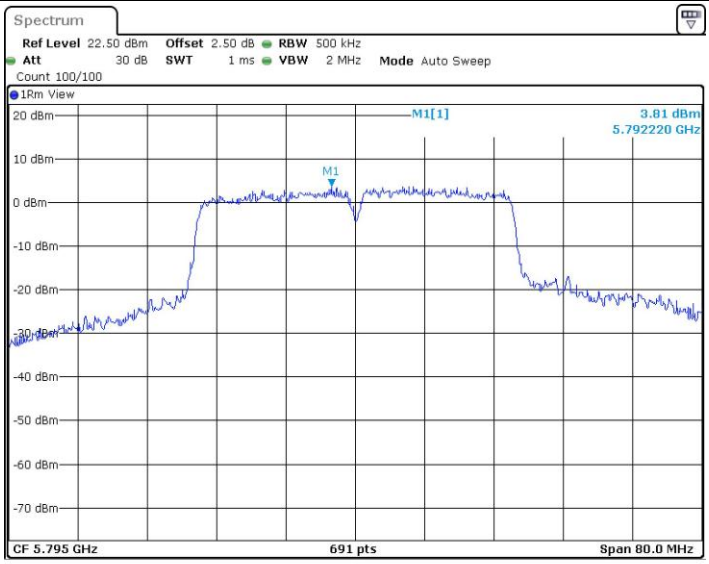

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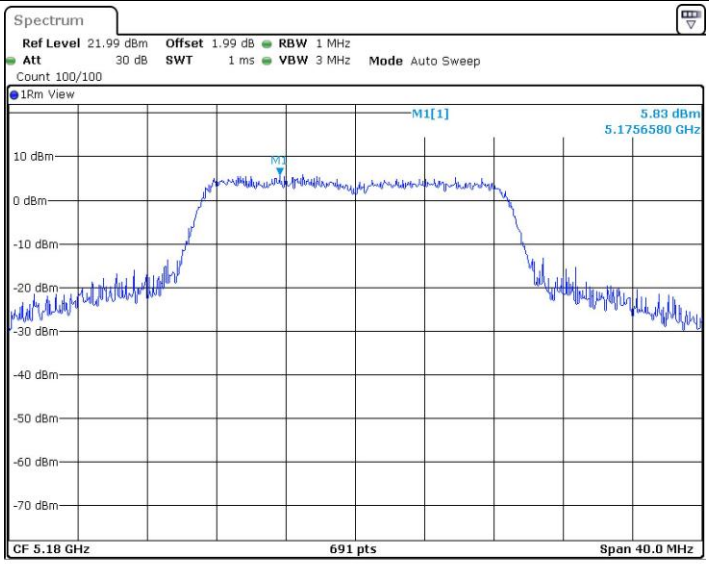

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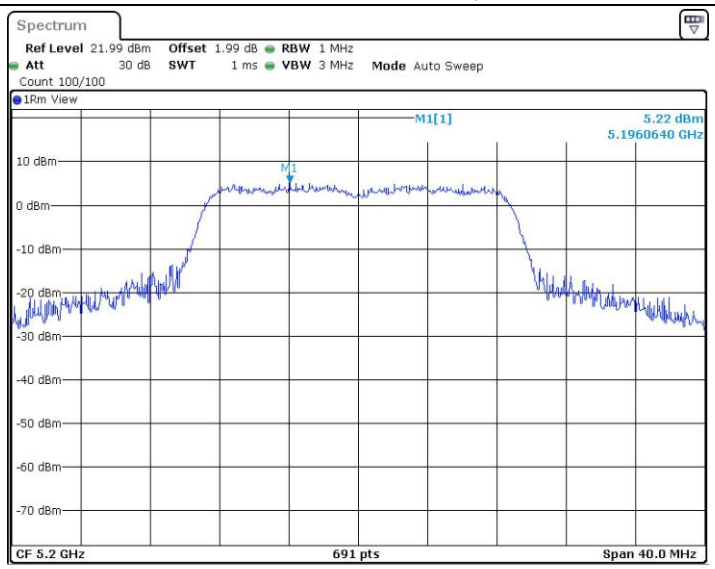

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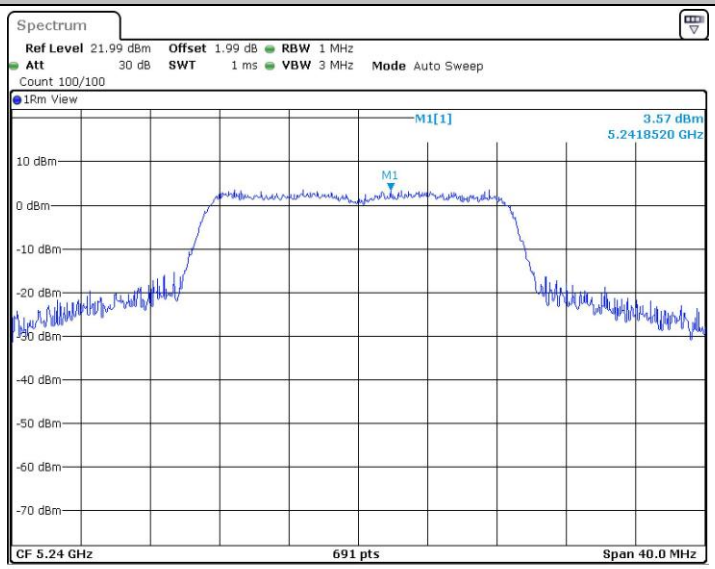

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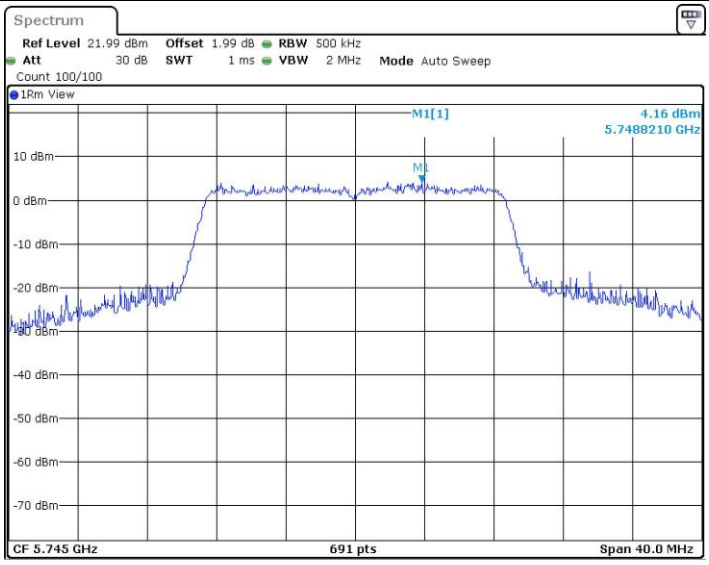

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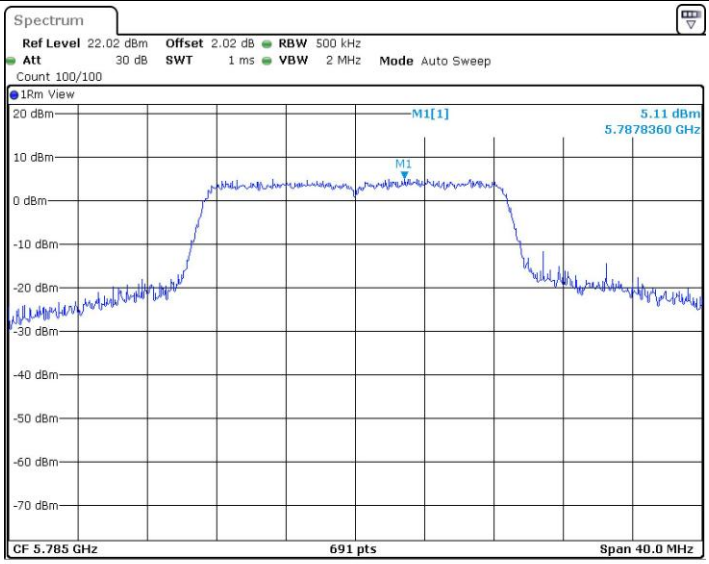

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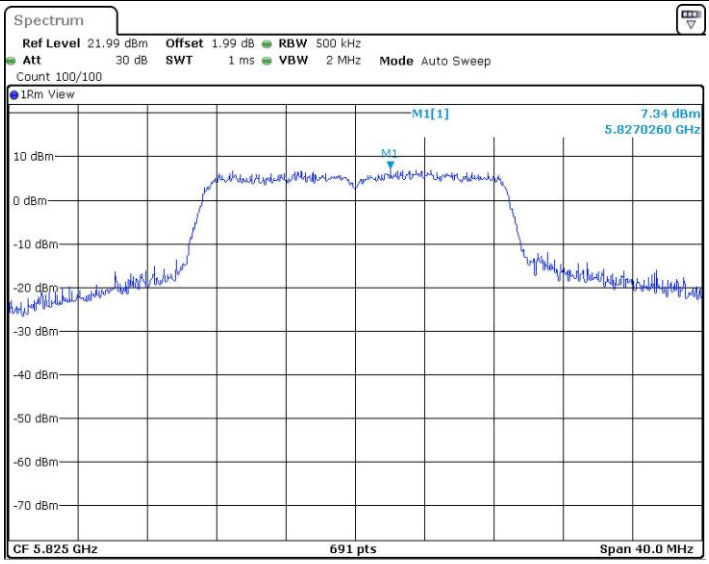

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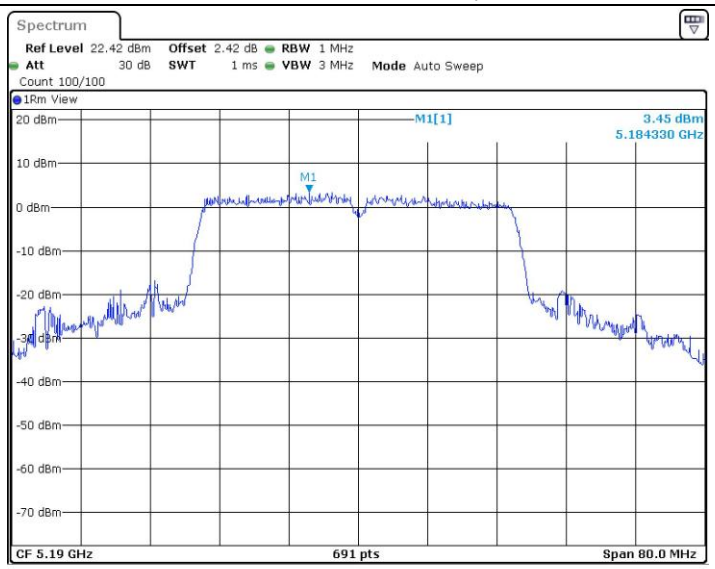
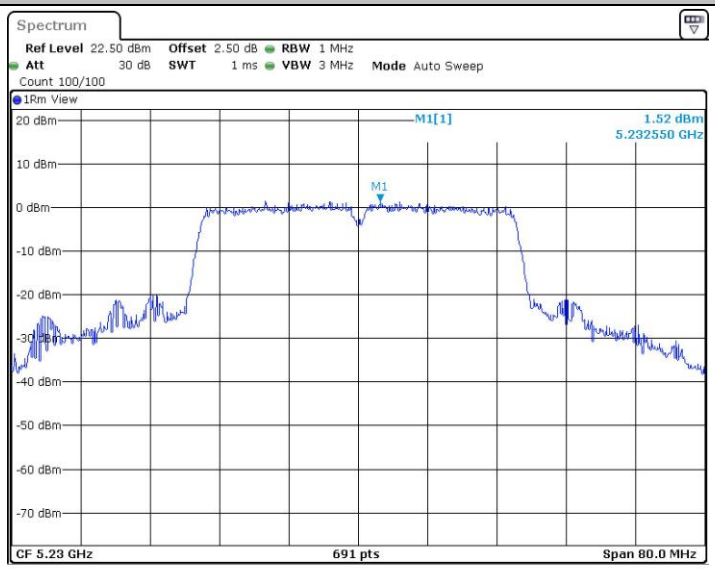
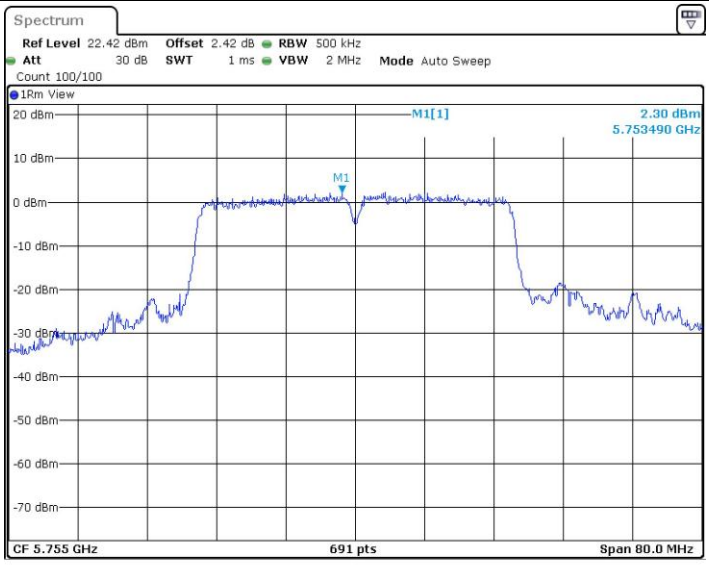


11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



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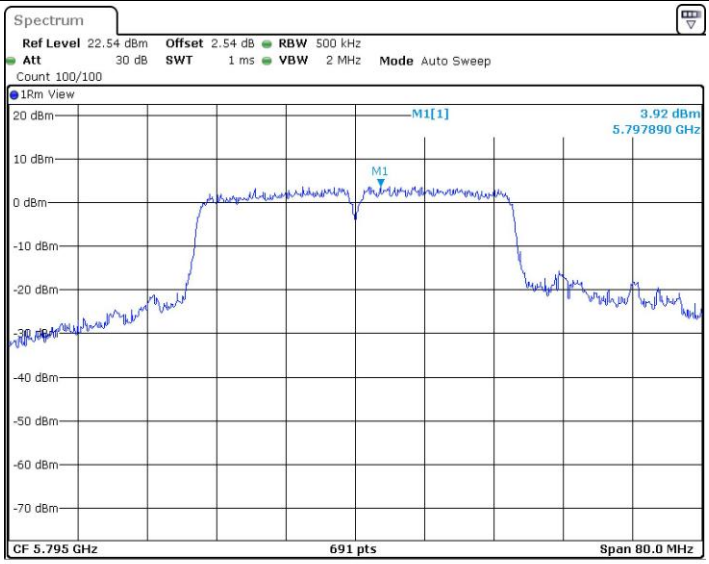

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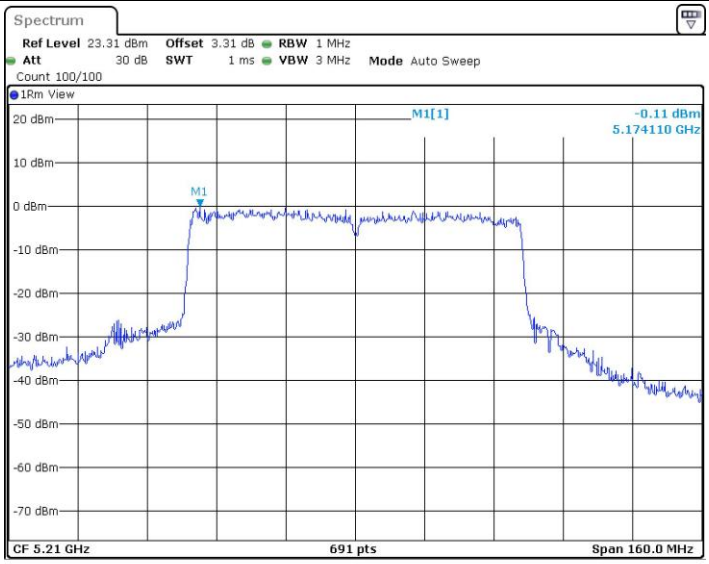
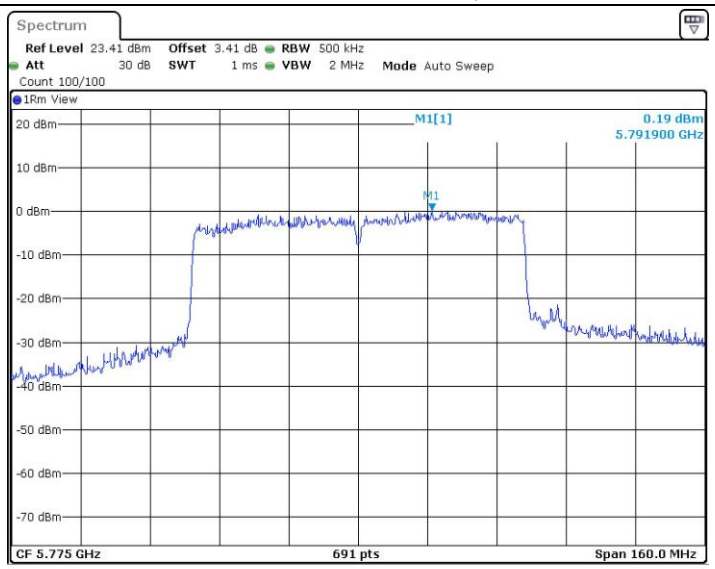


11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix D: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5745	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11N20SISO	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5745	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

11N40SISO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-60000	-11.560694	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-60000	-11.472275	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-60000	-10.425717	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC20SISO	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	-60000	-11.450382	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5745	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC40SISO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	-60000	-11.560694	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC80S	Ant1	5210	NV	NT	-60000	-11.516315	20	PASS

ISO			LV	NT	0	0	20	PASS
			HV	NT	-60000	-11.516315	20	PASS
		5775	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5200	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5240	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5745	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS

			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5785	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5825	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
11N20SISO	Ant1	5180	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5200	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-60000	-11.538462	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5240	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS

			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5745	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5785	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5825	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
11N40SISO	Ant1	5190	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	-60000	-11.560694	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-60000	-11.560694	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5230	NV	-20	0	0	20	PASS
			NV	-10	-60000	-11.472275	20	PASS
			NV	0	0	0	20	PASS

			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5755	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5795	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
11AC20S ISO	Ant1	5180	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5200	NV	-20	-60000	-11.538462	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-60000	-11.538462	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5240	NV	-20	0	0	20	PASS

			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5745	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5785	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-60000	-10.371651	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5825	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	-60000	-10.300429	20	PASS
			NV	10	-60000	-10.300429	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
11AC40S ISO	Ant1	5190	NV	-20	-60000	-11.560694	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-60000	-11.560694	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-60000	-11.560694	20	PASS
			NV	50	-60000	-11.560694	20	PASS

			NV	60	-60000	-11.560694	20	PASS
		5230	NV	-20	0	0	20	PASS
			NV	-10	-60000	-11.472275	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-60000	-11.472275	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5755	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-60000	-10.425717	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-60000	-10.425717	20	PASS
			NV	50	0	0	20	PASS
			NV	60	-60000	-10.425717	20	PASS
		5795	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
11AC80S ISO	Ant1	5210	NV	-20	-60000	-11.516315	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS
		5775	NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS

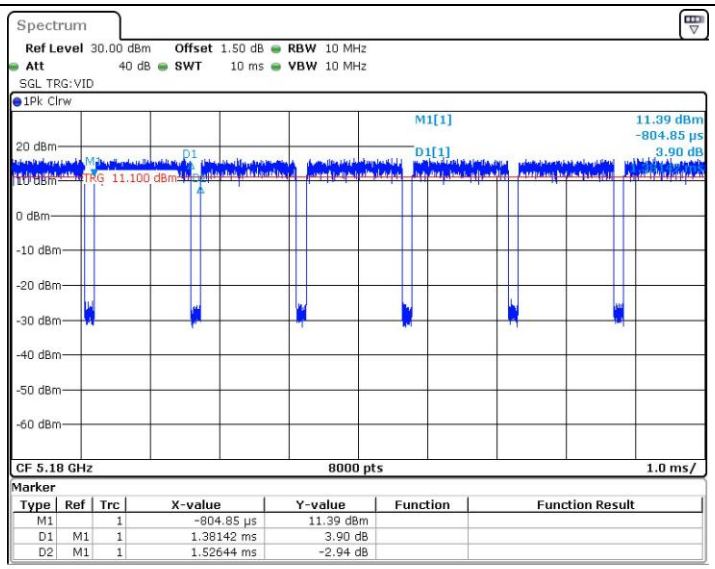
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	60	0	0	20	PASS

Appendix E: Duty Cycle

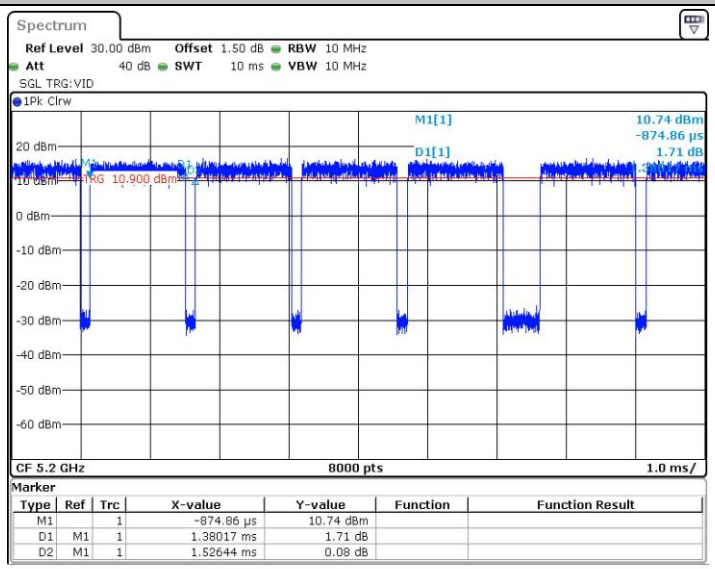
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.38	1.53	90.20
		5200	1.38	1.53	90.20
		5240	1.38	1.53	90.20
		5745	1.38	1.53	90.20
		5785	1.38	1.53	90.20
		5825	1.38	1.53	90.20
11N20SISO	Ant1	5180	1.16	1.31	88.55
		5200	1.16	1.31	88.55
		5240	1.16	1.32	87.88
		5745	1.16	1.20	96.67
		5785	1.16	1.31	88.55
		5825	1.16	1.31	88.55
11N40SISO	Ant1	5190	0.58	0.73	79.45
		5230	0.58	0.73	79.45
		5755	0.58	0.73	79.45
		5795	0.58	0.73	79.45
11AC20SISO	Ant1	5180	1.18	1.32	89.39
		5200	1.18	1.32	89.39
		5240	1.18	1.32	89.39
		5745	1.18	1.32	89.39
		5785	1.18	1.33	88.72
		5825	1.18	1.32	89.39
11AC40SISO	Ant1	5190	0.59	0.73	80.82
		5230	0.58	0.73	79.45
		5755	0.59	0.73	80.82
		5795	0.59	0.75	78.67
11AC80SISO	Ant1	5210	0.29	0.44	65.91
		5775	0.29	0.45	64.44

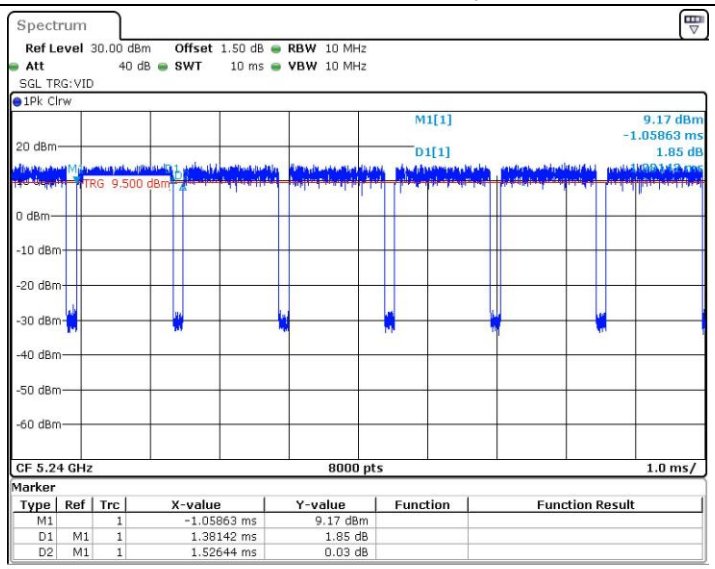
Test Graphs



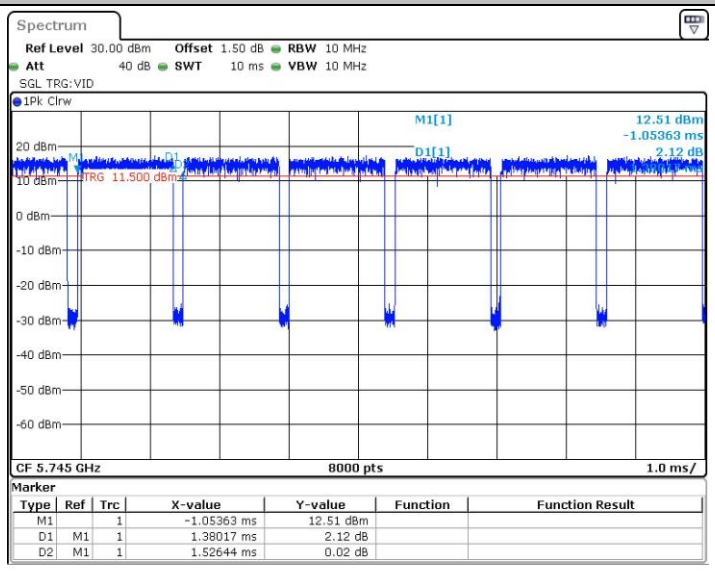
11A_Ant1_5180



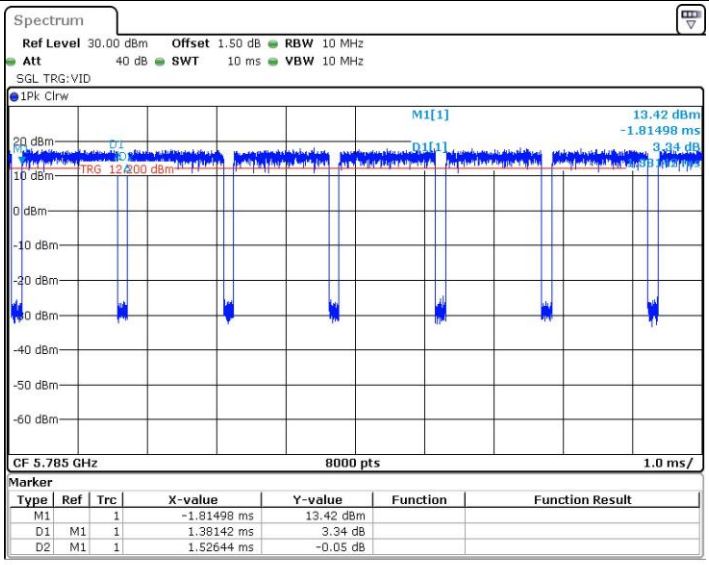
11A_Ant1_5200



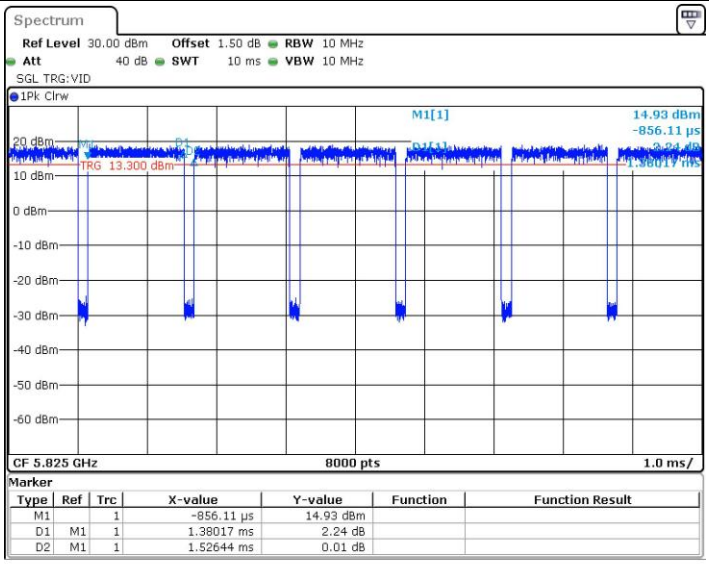
11A_Ant1_5240



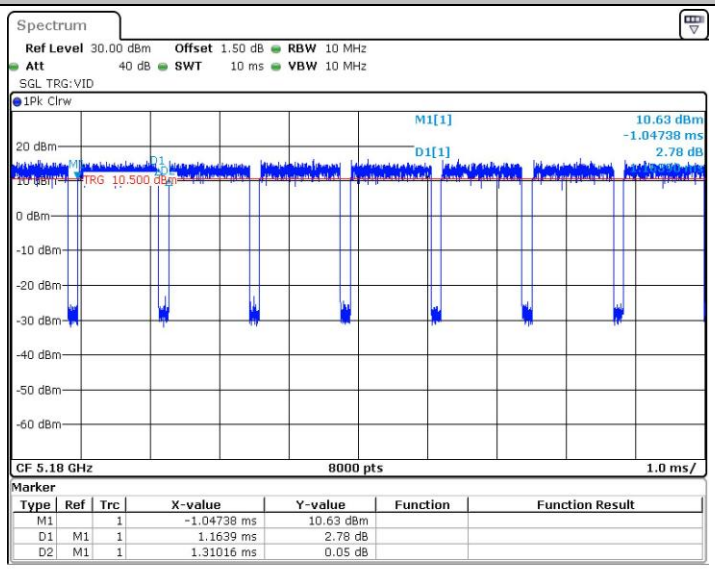
11A_Ant1_5745



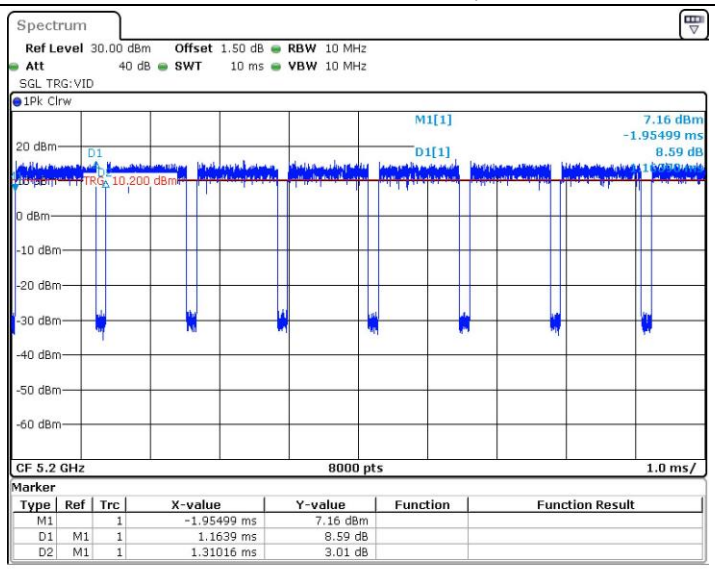
11A_Ant1_5785



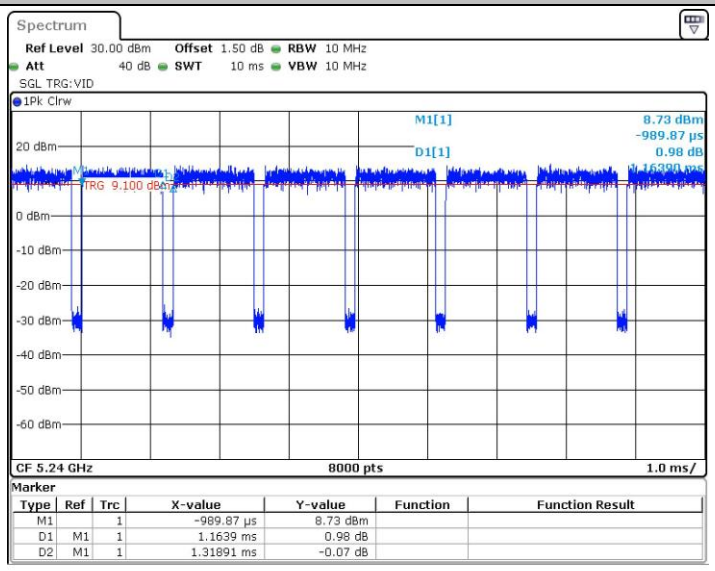
11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



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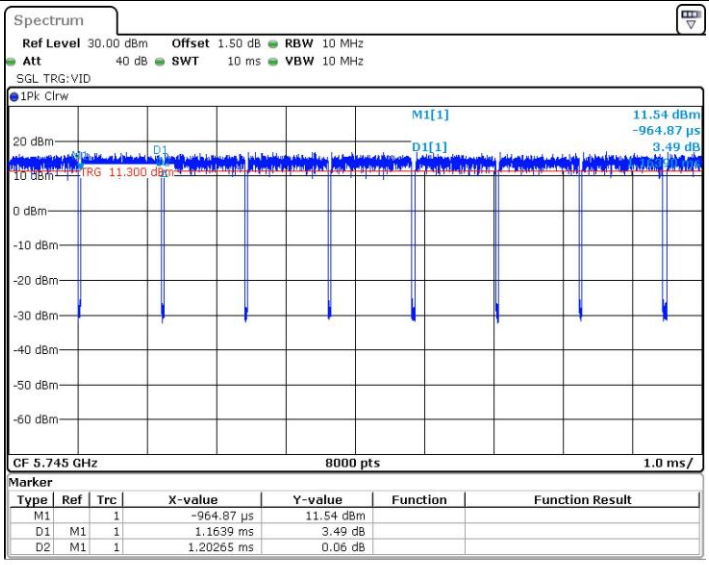

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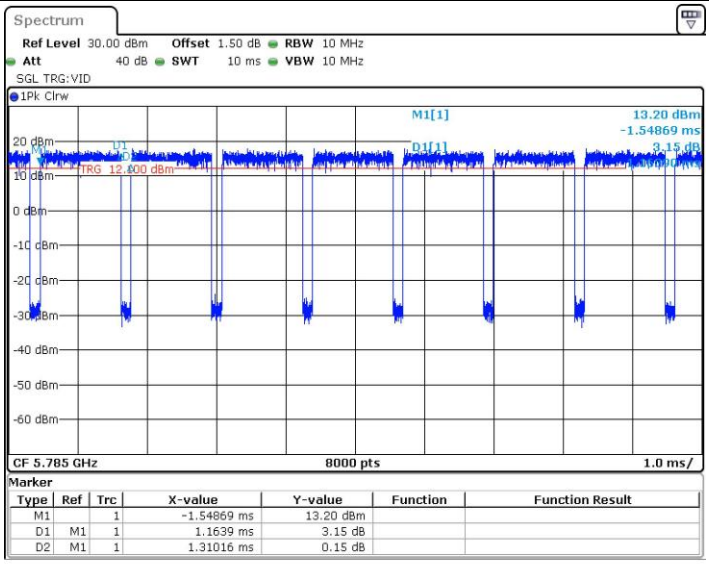
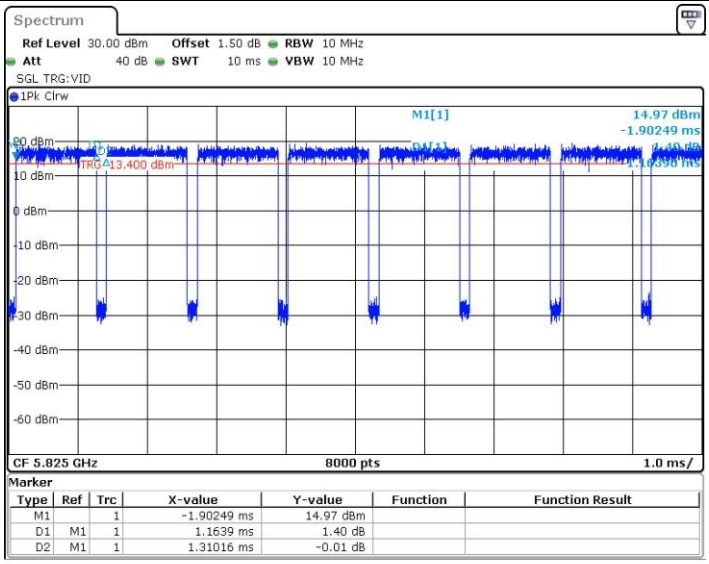


11N20SISO_Ant1_5785



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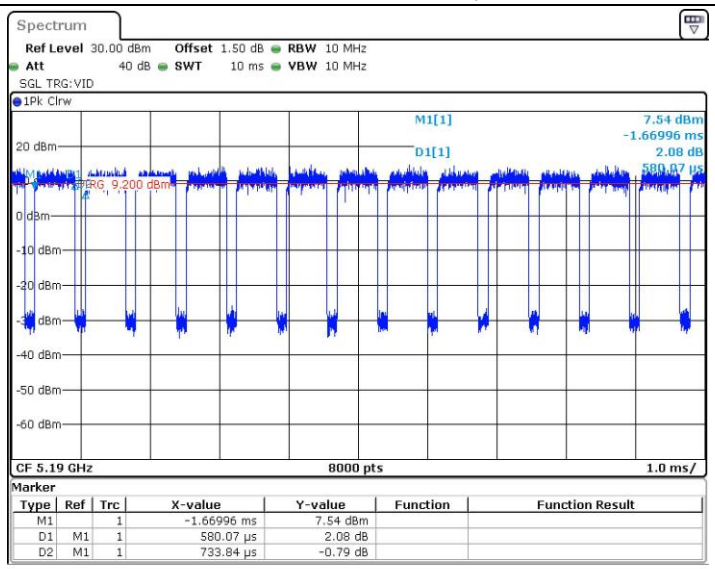
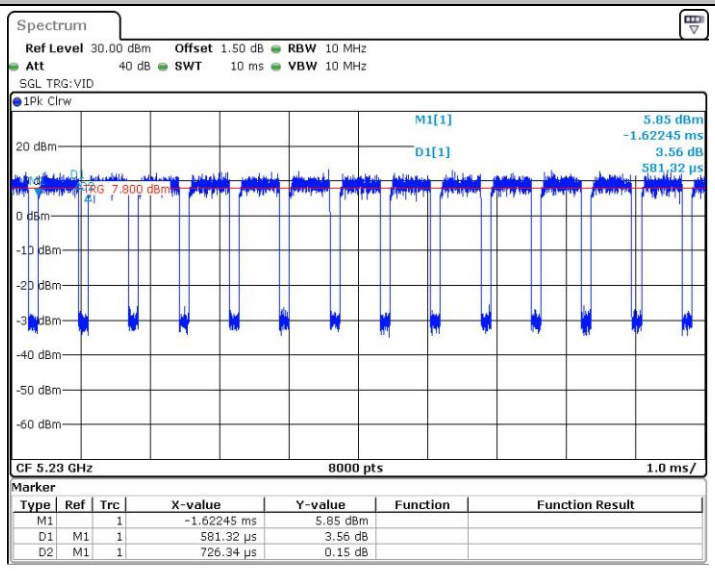


11N40SISO_Ant1_5190



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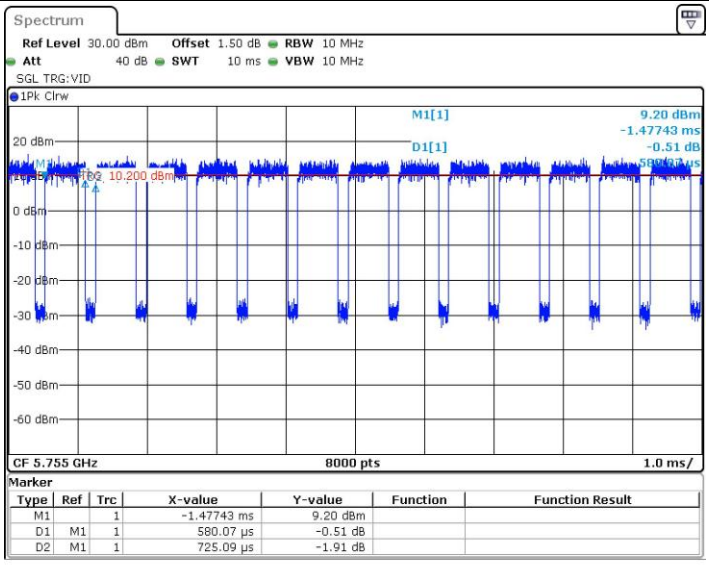
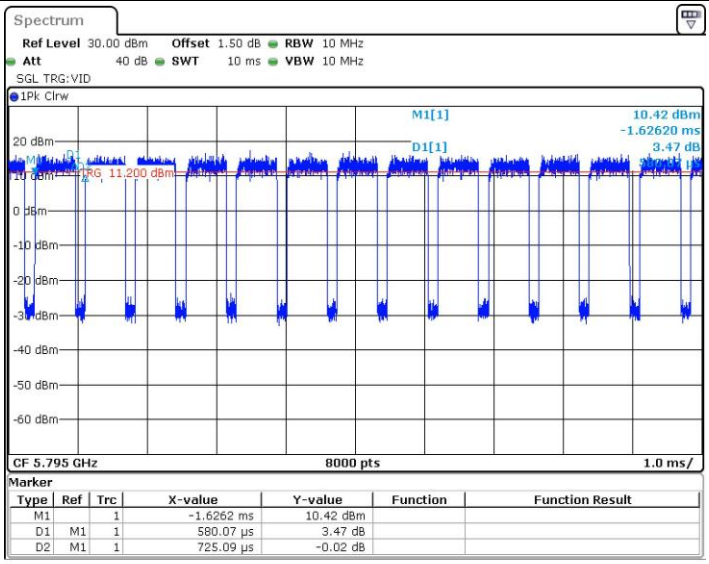
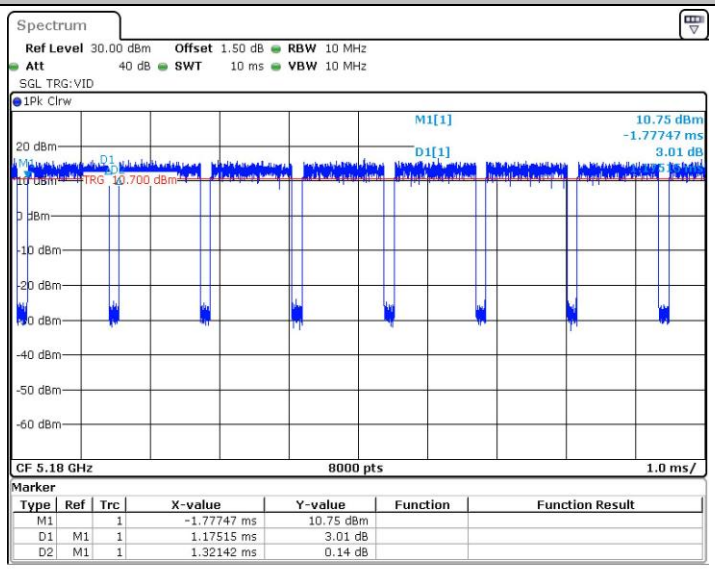


11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



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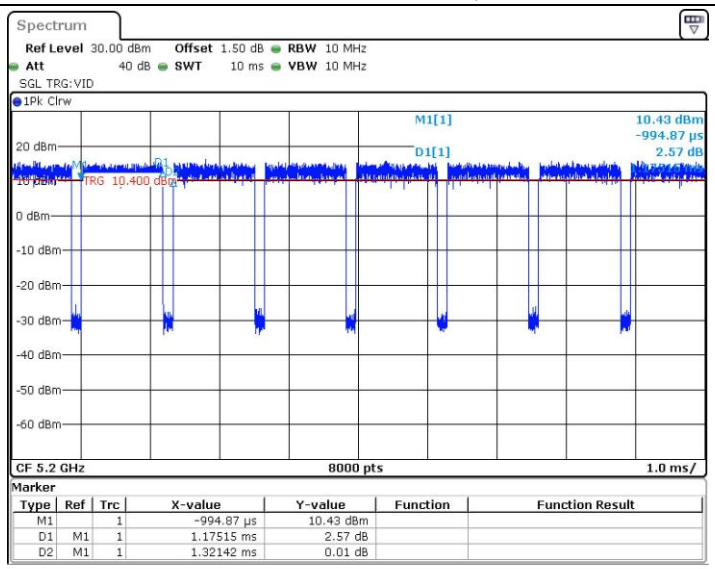

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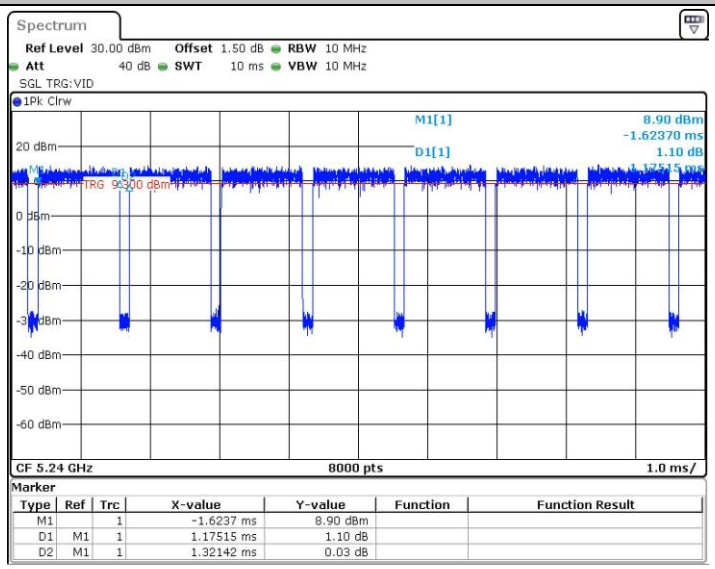

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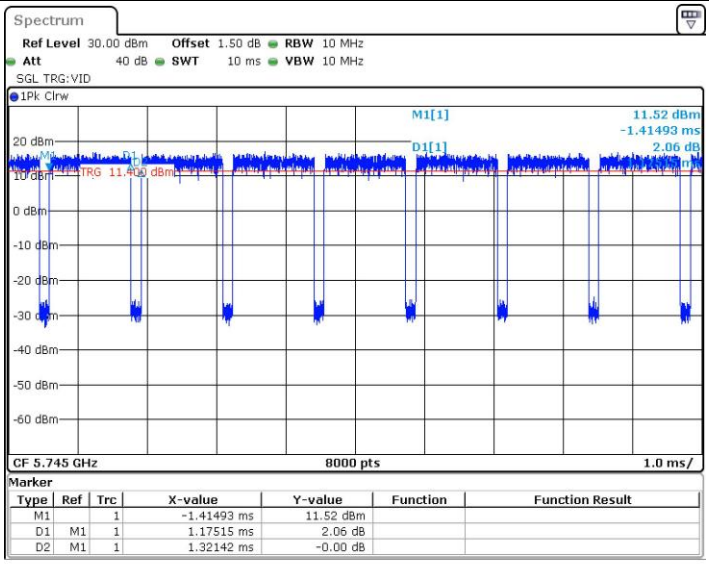

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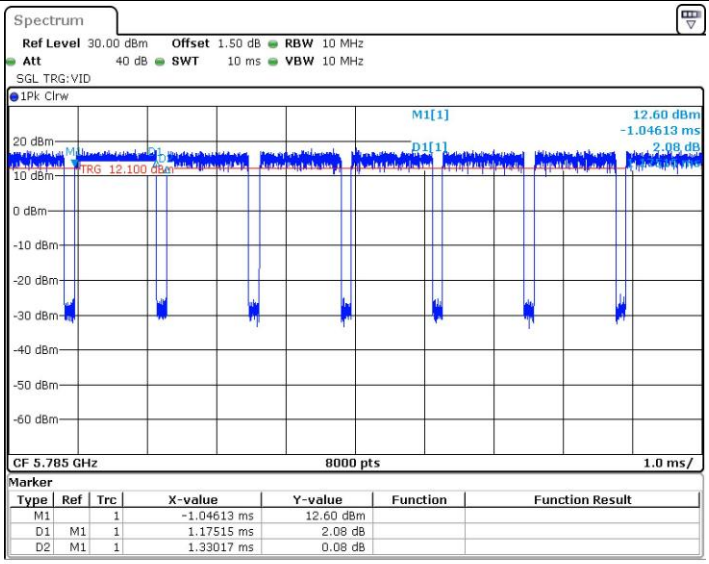

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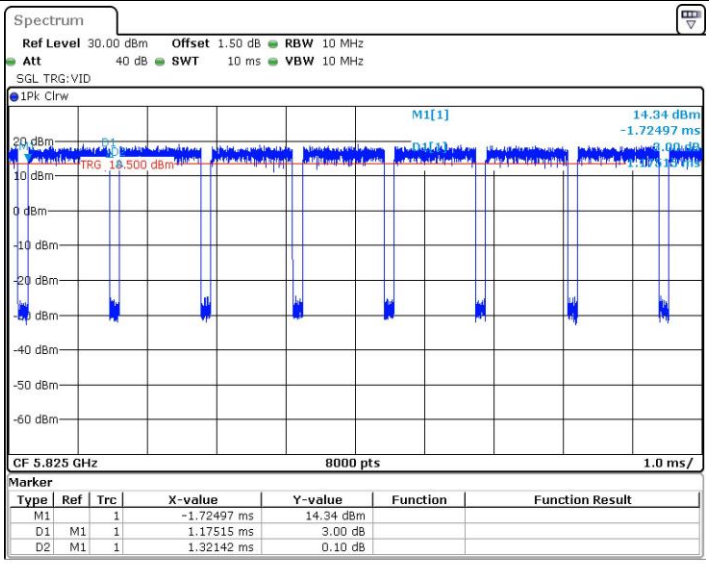

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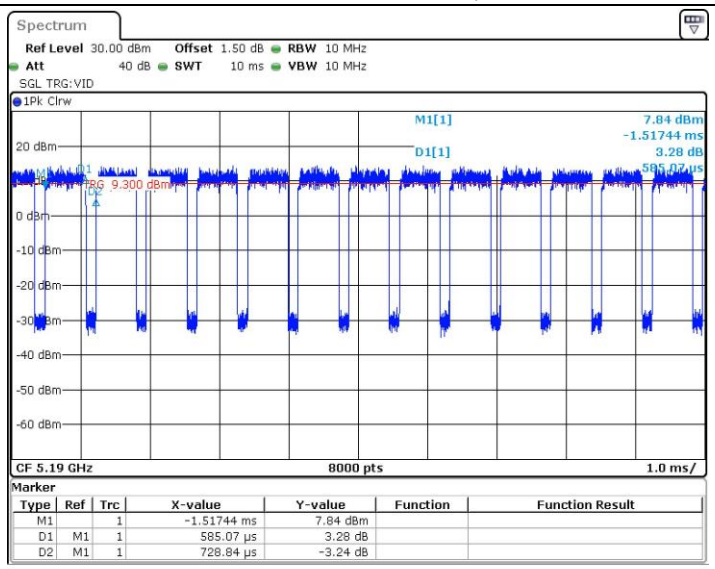

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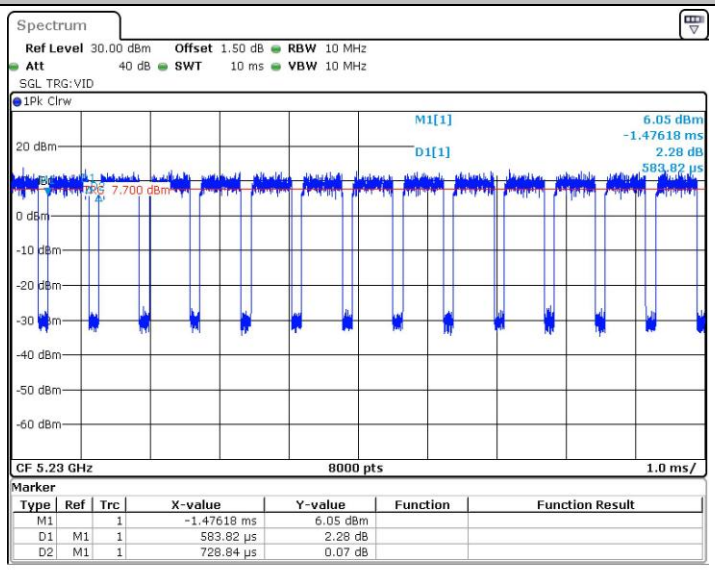

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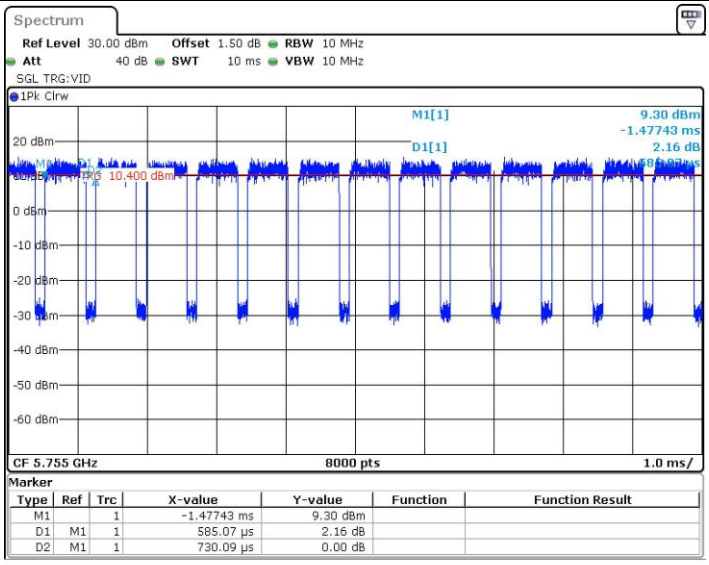

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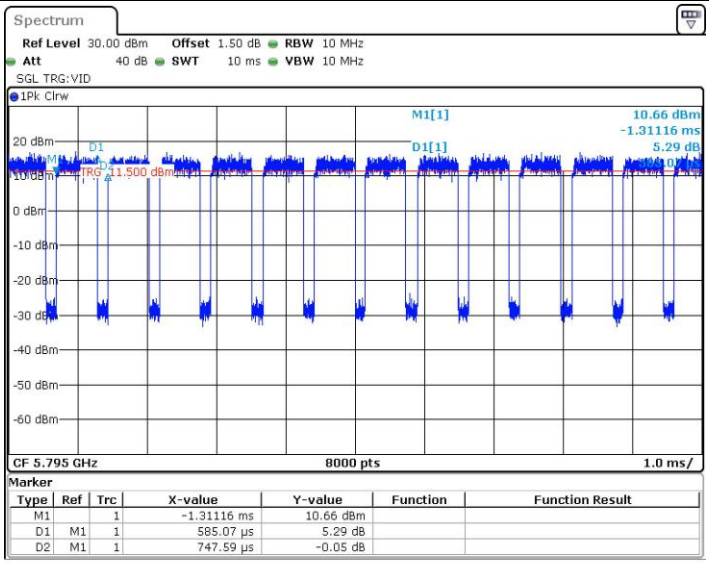

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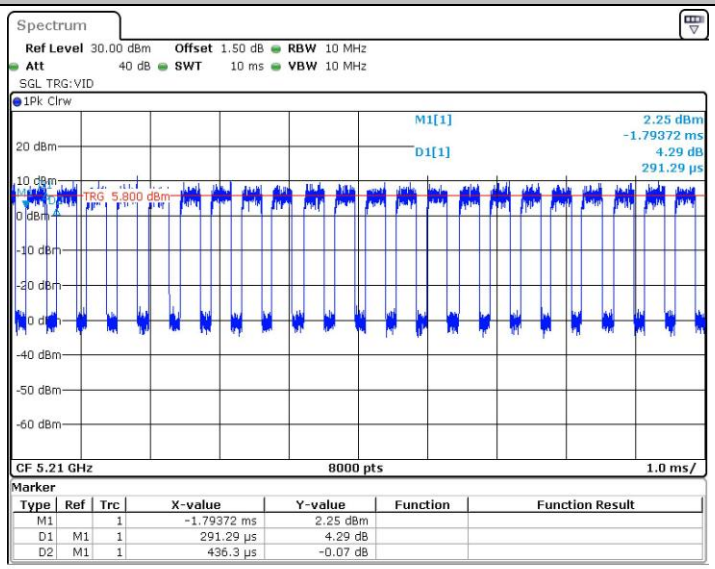

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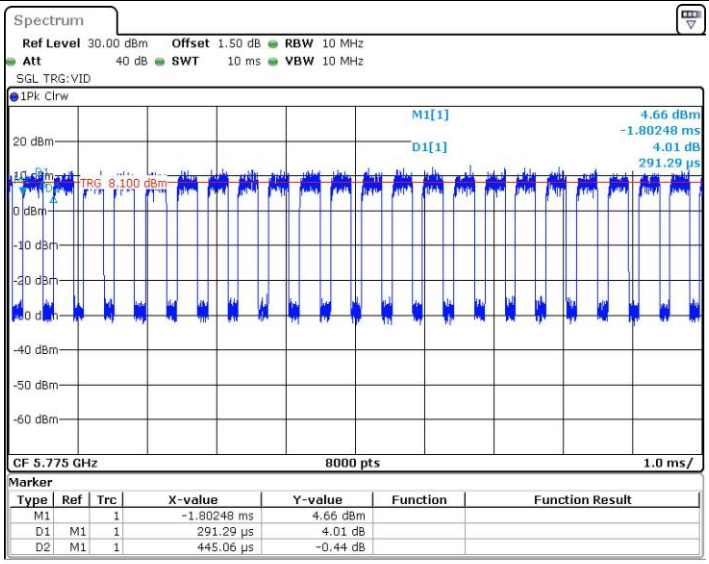

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	-1.80248 ms	4.66 dBm		
D1	M1	1	291.29 µs	4.01 dB		
D2	M1	1	445.06 µs	-0.44 dB		

11AC80SISO_Ant1_5775