Appendix F: Conducted Spurious Emission

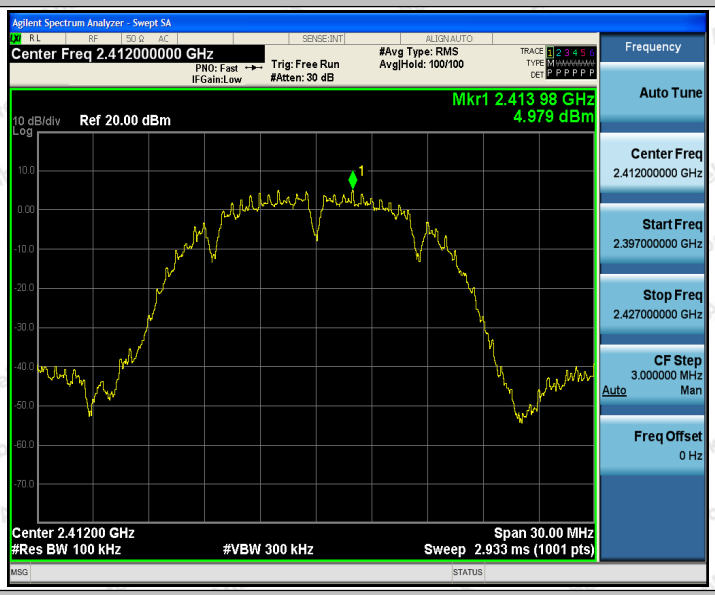
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.98	4.98	---	PASS
			30~1000	4.98	-69.34	≤-15.02	PASS
			1000~26500	4.98	-37.37	≤-15.02	PASS
	Ant2	2412	Reference	5.54	5.54	---	PASS
			30~1000	5.54	-70.17	≤-14.46	PASS
			1000~26500	5.54	-36.11	≤-14.46	PASS
	Ant1	2437	Reference	4.71	4.71	---	PASS
			30~1000	4.71	-70.37	≤-15.29	PASS
			1000~26500	4.71	-52.99	≤-15.29	PASS
	Ant2	2437	Reference	5.82	5.82	---	PASS
			30~1000	5.82	-68.94	≤-14.18	PASS
			1000~26500	5.82	-51.43	≤-14.18	PASS
	Ant1	2462	Reference	4.33	4.33	---	PASS
			30~1000	4.33	-70.03	≤-15.67	PASS
			1000~26500	4.33	-44.06	≤-15.67	PASS
	Ant2	2462	Reference	5.71	5.71	---	PASS
			30~1000	5.71	-69.12	≤-14.29	PASS
			1000~26500	5.71	-41.9	≤-14.29	PASS
11G	Ant1	2412	Reference	1.30	1.30	---	PASS
			30~1000	1.30	-70.2	≤-18.7	PASS
			1000~26500	1.30	-55.29	≤-18.7	PASS
	Ant2	2412	Reference	-0.61	-0.61	---	PASS
			30~1000	-0.61	-69.9	≤-20.61	PASS
			1000~26500	-0.61	-53.51	≤-20.61	PASS
	Ant1	2437	Reference	0.71	0.71	---	PASS
			30~1000	0.71	-69.81	≤-19.29	PASS
			1000~26500	0.71	-55.66	≤-19.29	PASS
	Ant2	2437	Reference	1.35	1.35	---	PASS
			30~1000	1.35	-69.61	≤-18.65	PASS
			1000~26500	1.35	-54.34	≤-18.65	PASS
	Ant1	2462	Reference	0.85	0.85	---	PASS
			30~1000	0.85	-69.32	≤-19.15	PASS
			1000~26500	0.85	-54.96	≤-19.15	PASS
	Ant2	2462	Reference	1.31	1.31	---	PASS
			30~1000	1.31	-69.43	≤-18.69	PASS
			1000~26500	1.31	-55.33	≤-18.69	PASS
11N20	Ant1	2412	Reference	-0.09	-0.09	---	PASS

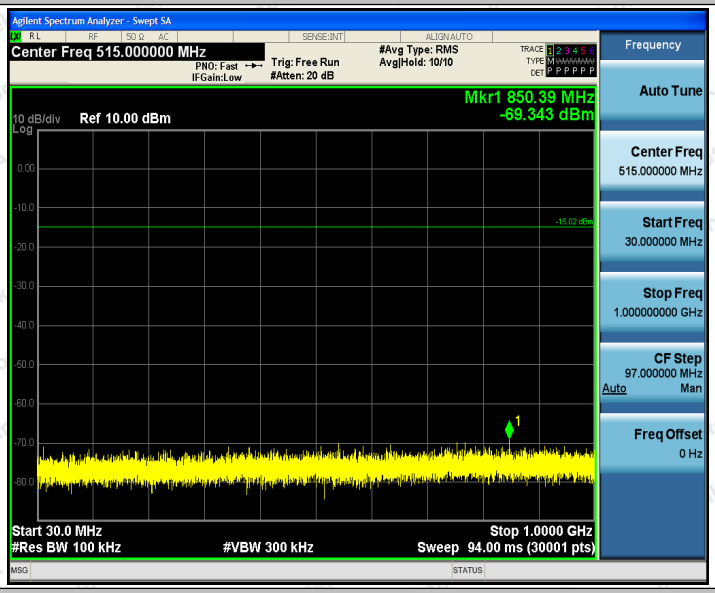
			30~1000	-0.09	-69.14	≤-20.09	PASS
			1000~26500	-0.09	-55.46	≤-20.09	PASS
	Ant2	2412	Reference	1.03	1.03	---	PASS
			30~1000	1.03	-70.49	≤-18.97	PASS
			1000~26500	1.03	-54.58	≤-18.97	PASS
	Ant1	2437	Reference	-0.65	-0.65	---	PASS
			30~1000	-0.65	-69.11	≤-20.65	PASS
			1000~26500	-0.65	-55.14	≤-20.65	PASS
	Ant2	2437	Reference	1.59	1.59	---	PASS
			30~1000	1.59	-70.4	≤-18.41	PASS
			1000~26500	1.59	-55.29	≤-18.41	PASS
	Ant1	2462	Reference	-0.23	-0.23	---	PASS
			30~1000	-0.23	-70.28	≤-20.23	PASS
			1000~26500	-0.23	-55.83	≤-20.23	PASS
	Ant2	2462	Reference	1.33	1.33	---	PASS
			30~1000	1.33	-70.13	≤-18.67	PASS
			1000~26500	1.33	-54.79	≤-18.67	PASS
11n40	Ant1	2422	Reference	-1.12	-1.12	---	PASS
			30~1000	-1.12	-69.83	≤-21.12	PASS
			1000~26500	-1.12	-55.28	≤-21.12	PASS
	Ant2	2422	Reference	1.06	1.06	---	PASS
			30~1000	1.06	-70.09	≤-18.94	PASS
			1000~26500	1.06	-53.58	≤-18.94	PASS
	Ant1	2437	Reference	-1.16	-1.16	---	PASS
			30~1000	-1.16	-69.88	≤-21.16	PASS
			1000~26500	-1.16	-55.09	≤-21.16	PASS
	Ant2	2437	Reference	1.17	1.17	---	PASS
			30~1000	1.17	-70.07	≤-18.83	PASS
			1000~26500	1.17	-52.29	≤-18.83	PASS
	Ant1	2452	Reference	-1.45	-1.45	---	PASS
			30~1000	-1.45	-70.01	≤-21.45	PASS
			1000~26500	-1.45	-55.85	≤-21.45	PASS
	Ant2	2452	Reference	1.27	1.27	---	PASS
			30~1000	1.27	-69.96	≤-18.73	PASS
			1000~26500	1.27	-51.73	≤-18.73	PASS

Test Graphs

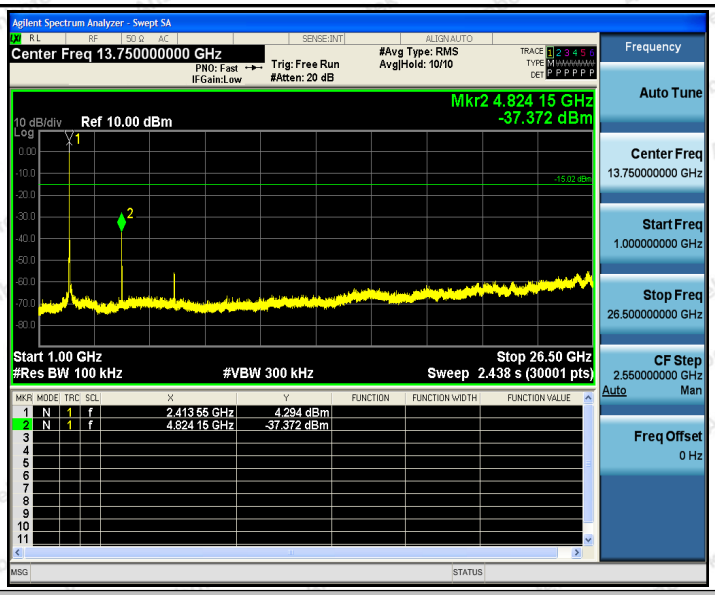
11B_Ant1_2412_0~Reference



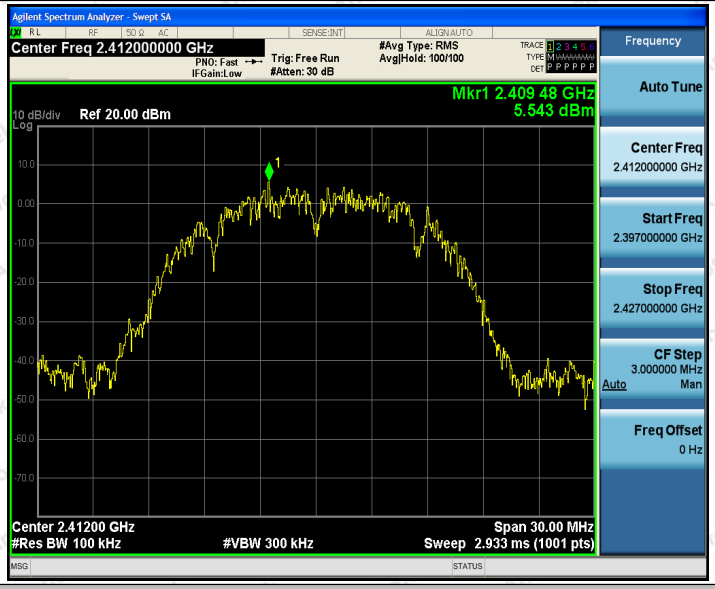
11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant2_2412_0~Reference



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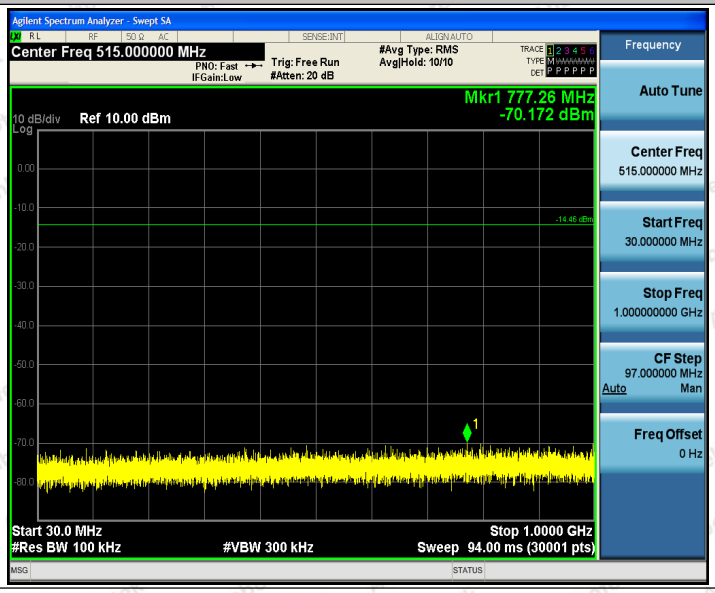

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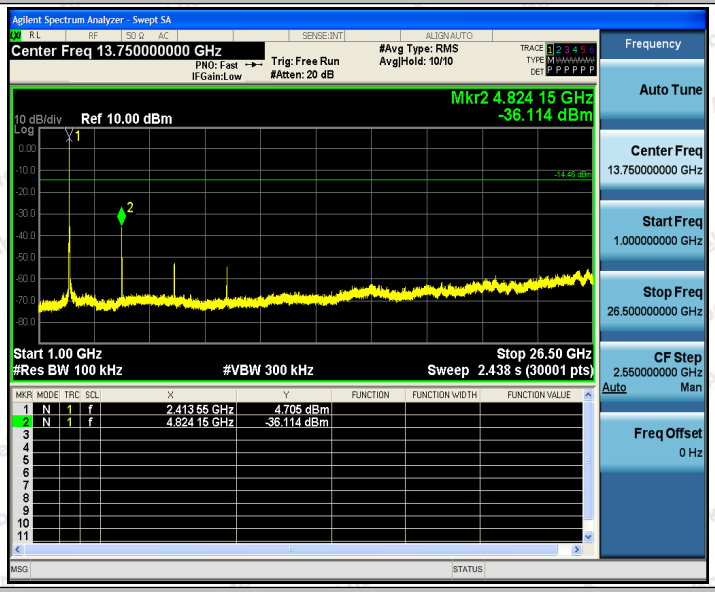
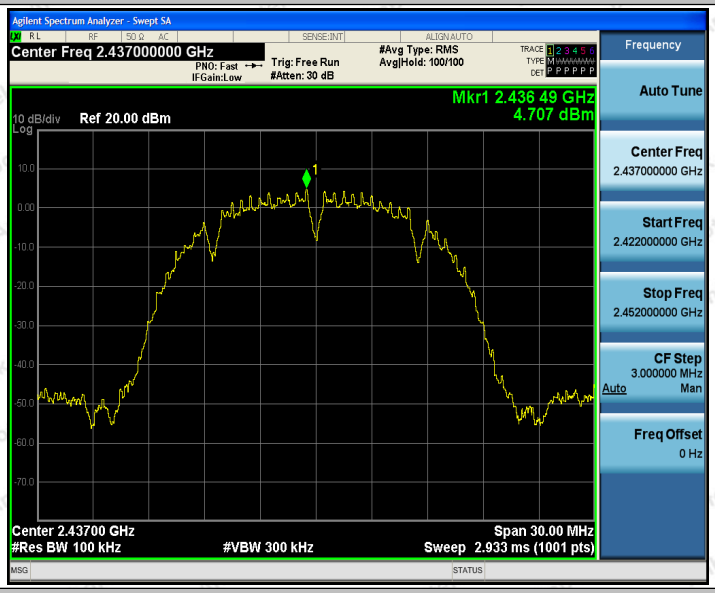


11B_Ant1_2437_0~Reference



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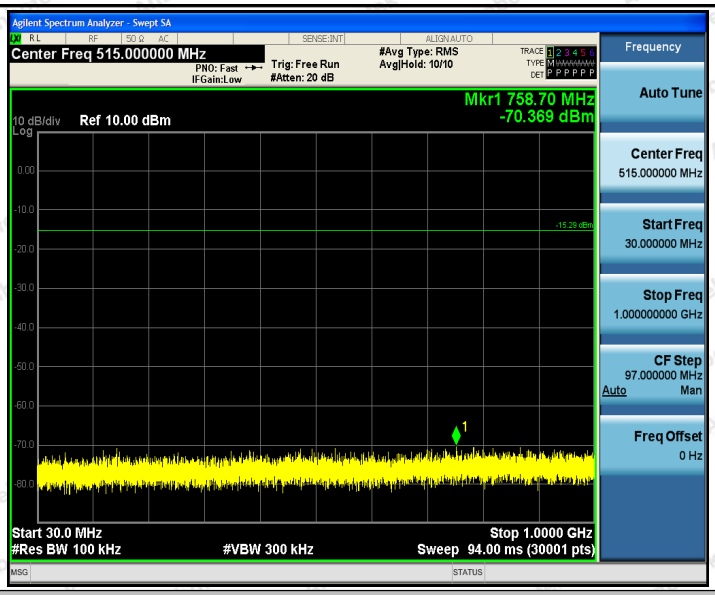
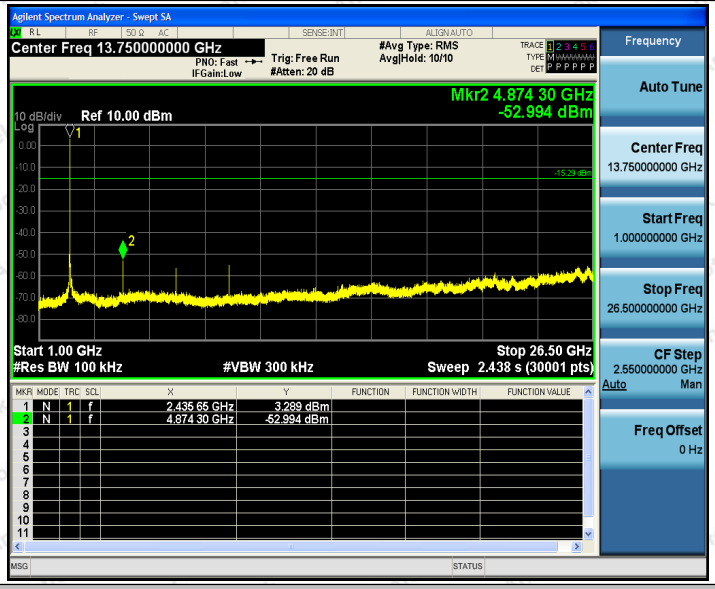


11B_Ant1_2437_1000~26500



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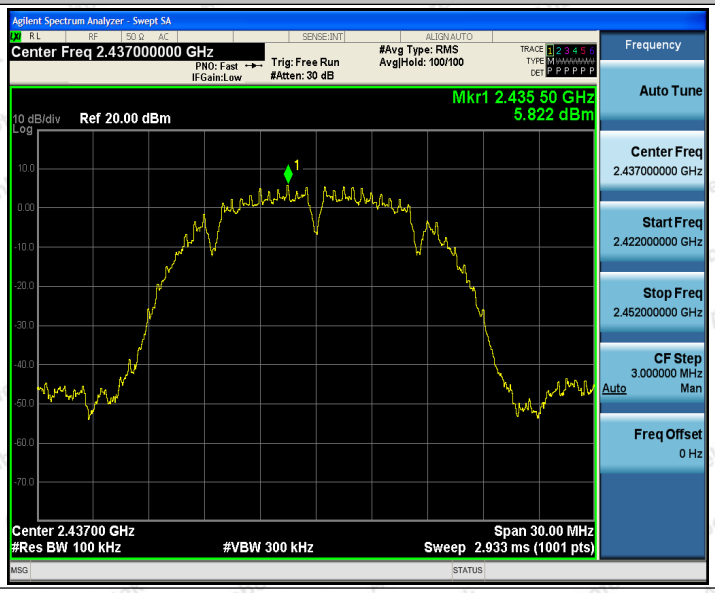
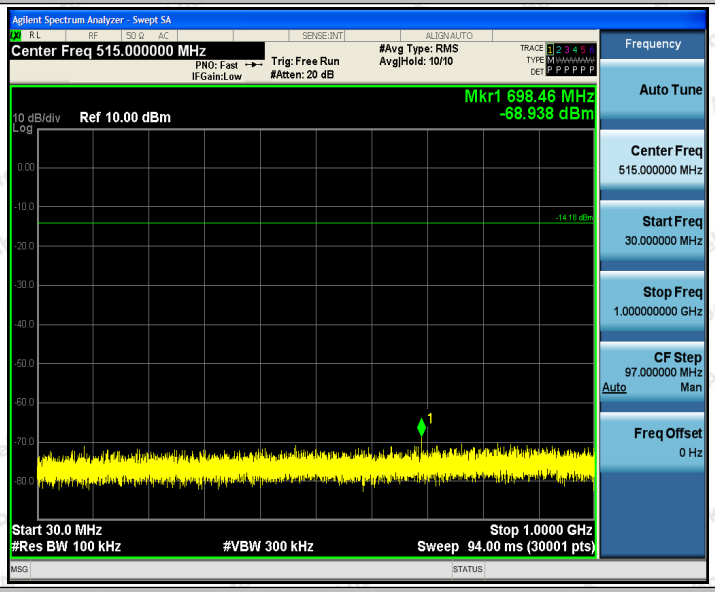
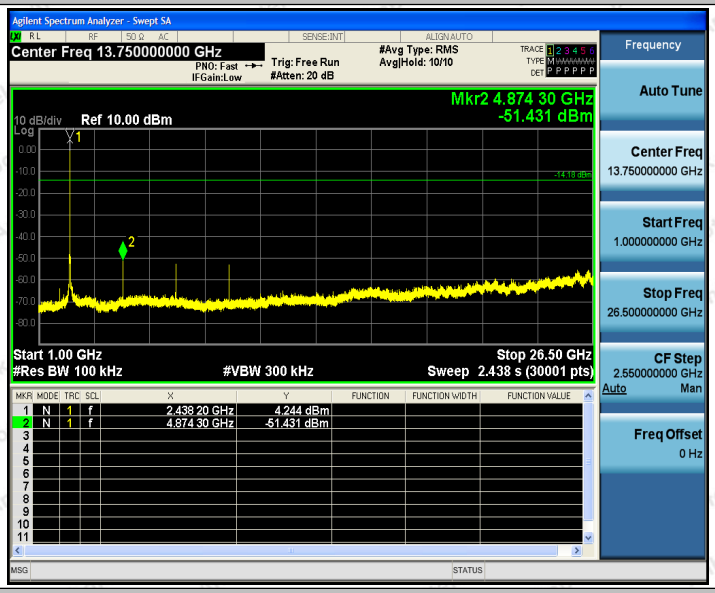


11B_Ant2_2437_30~1000



11B_Ant2_2437_1000~26500



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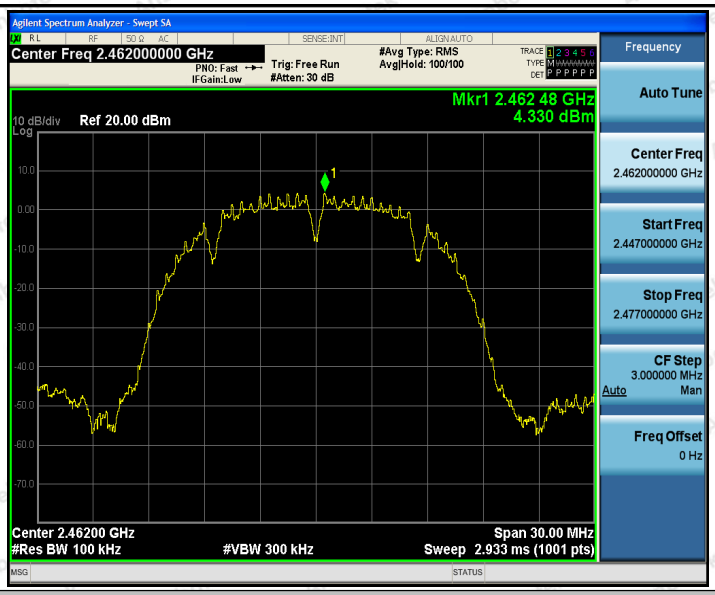

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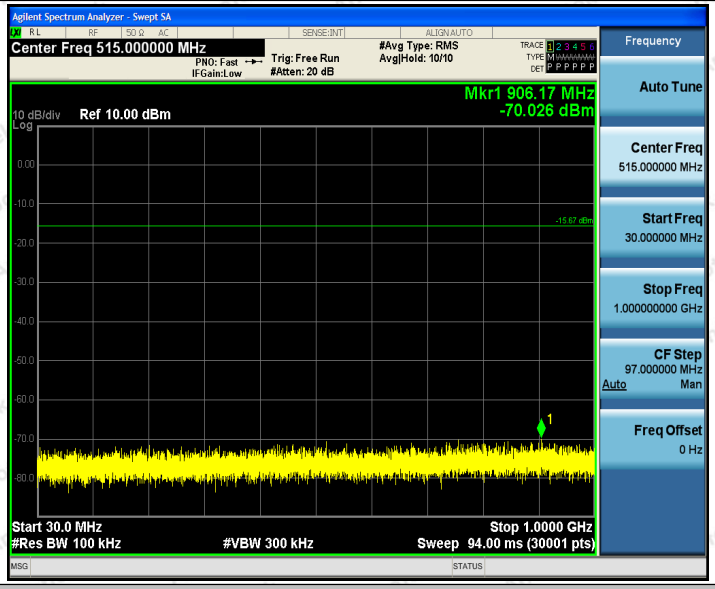
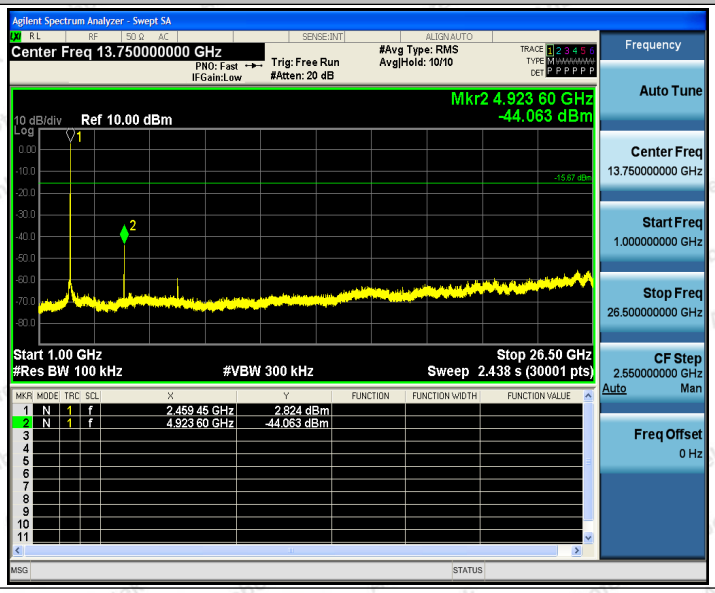


11B_Ant1_2462_1000~26500



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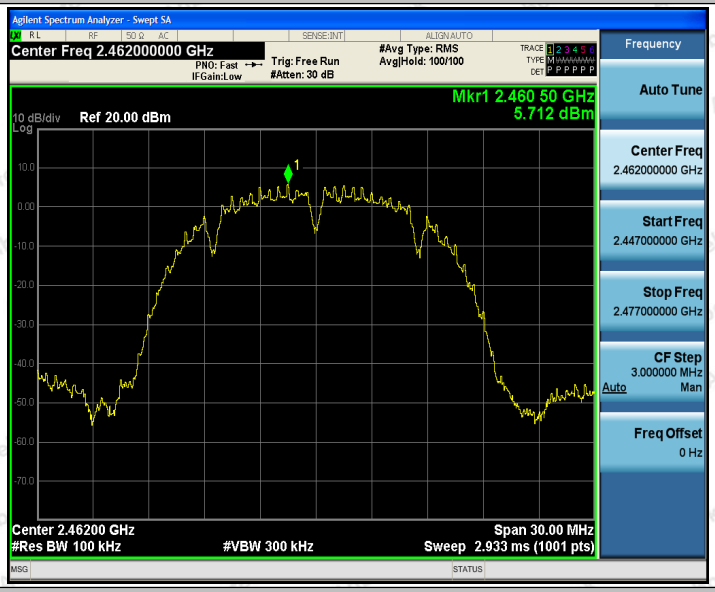
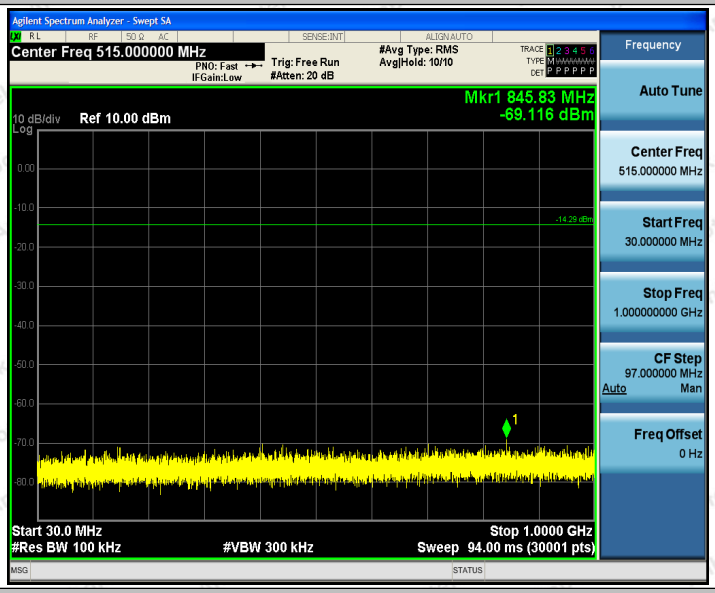
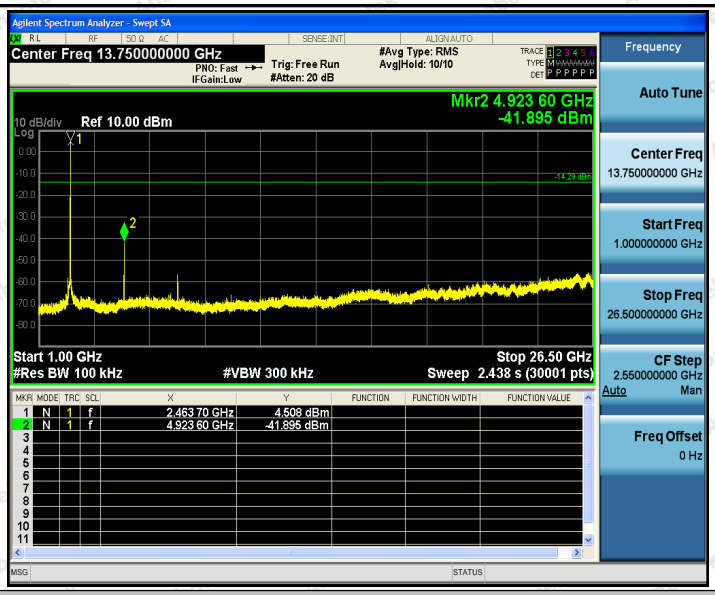


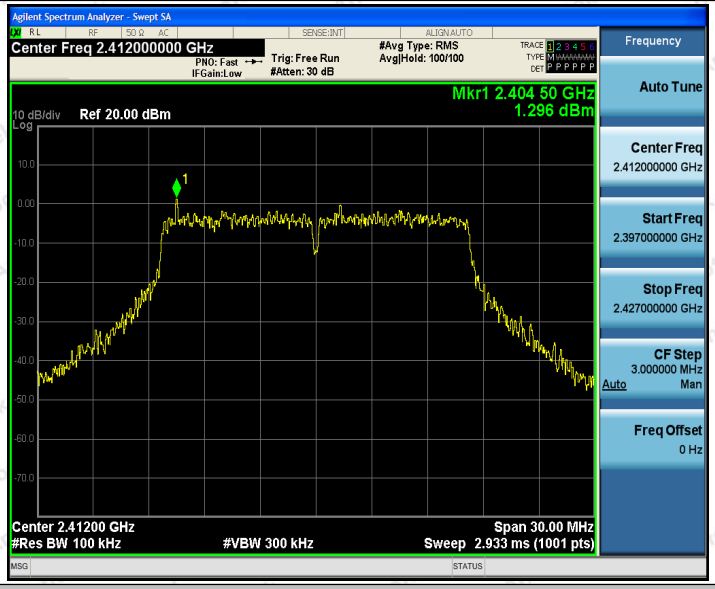
11B_Ant2_2462_30~1000



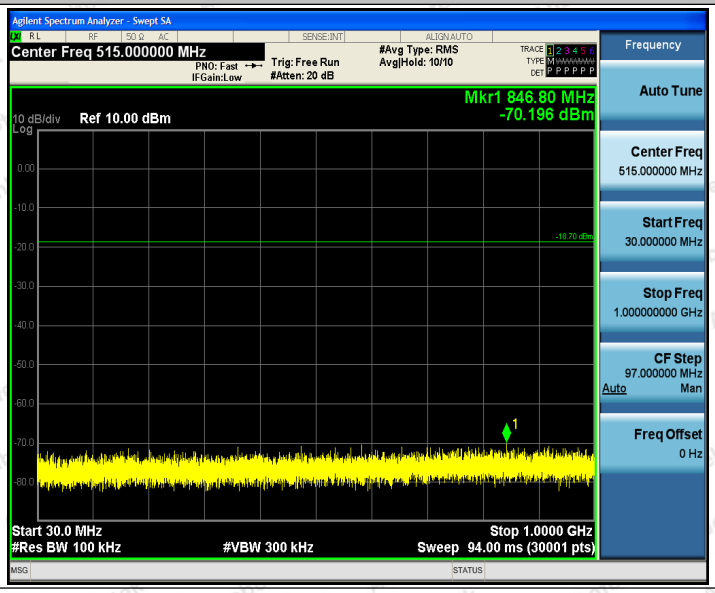
11B_Ant2_2462_1000~26500



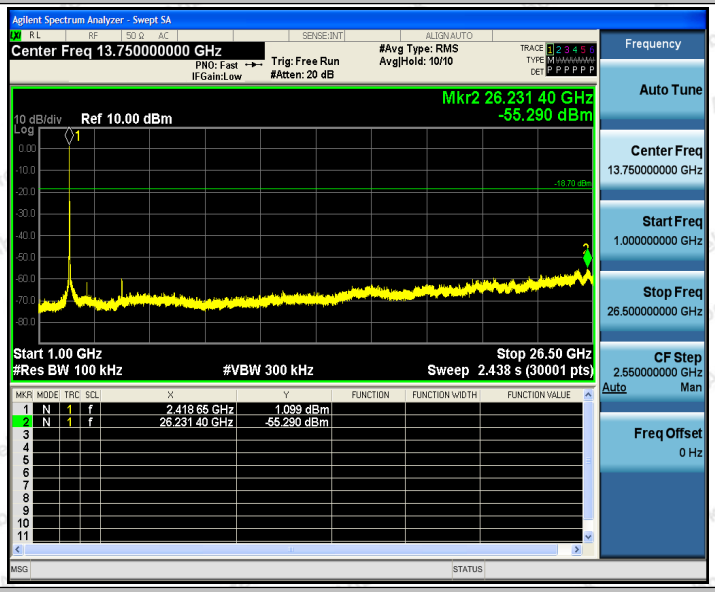
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



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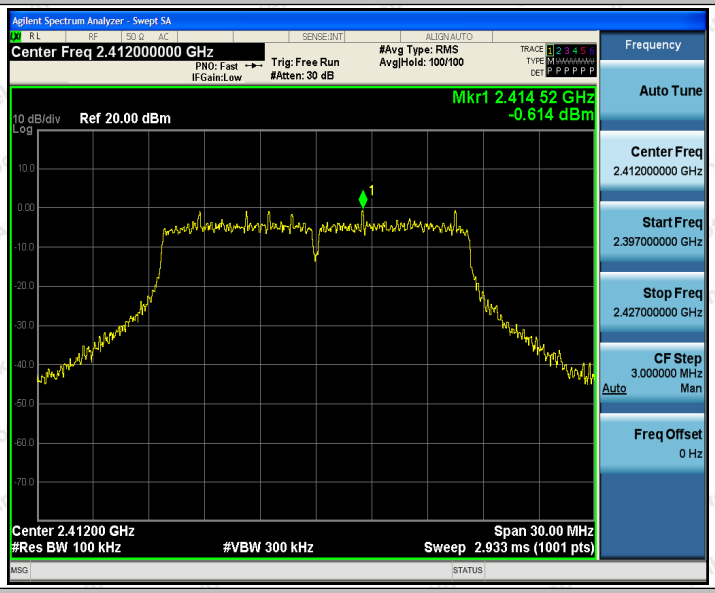
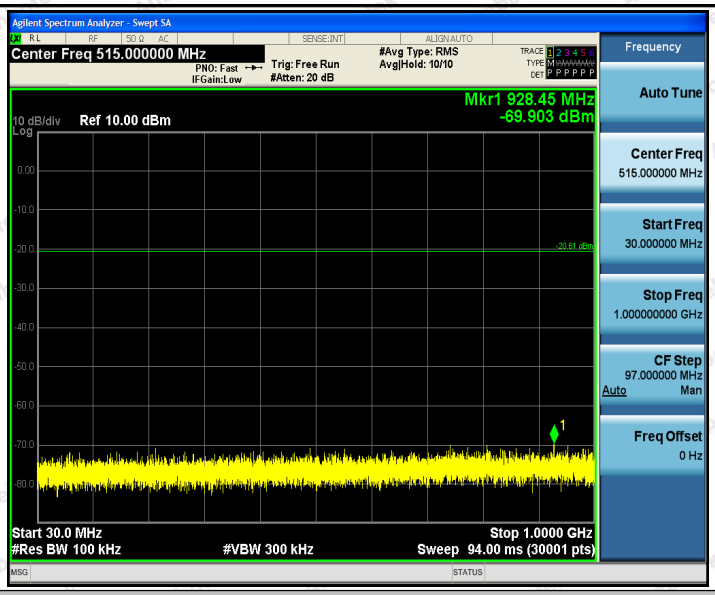
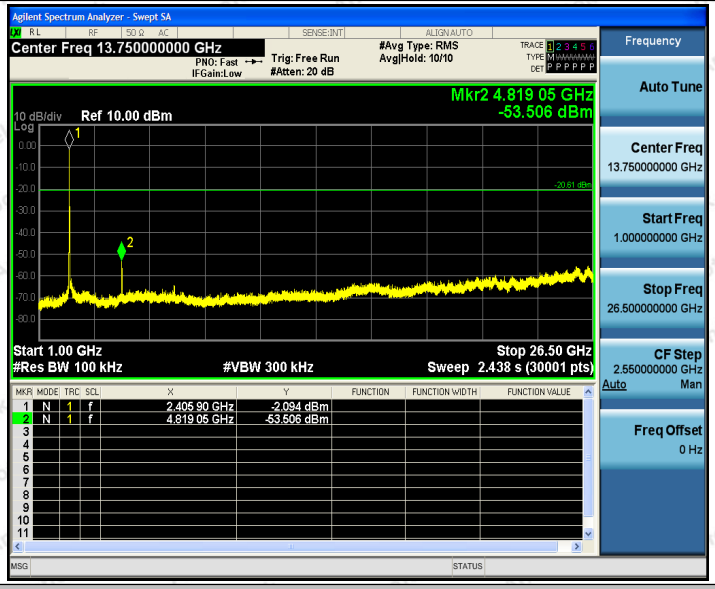


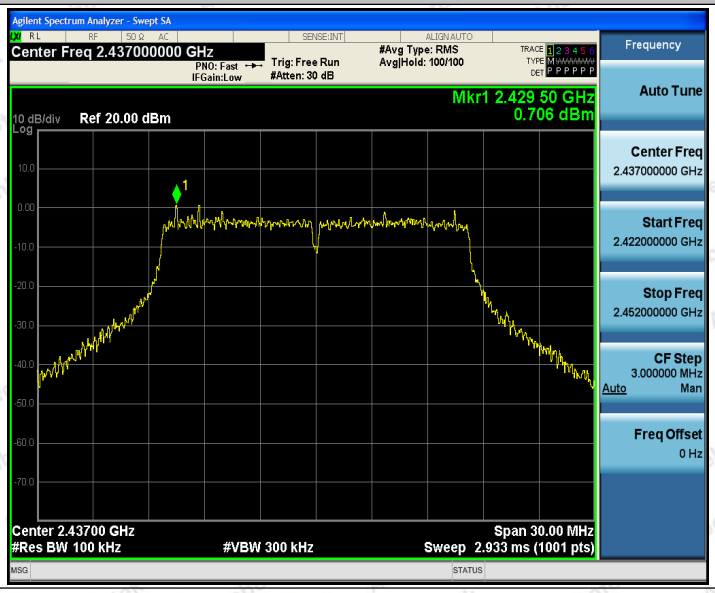
11G_Ant2_2412_30~1000



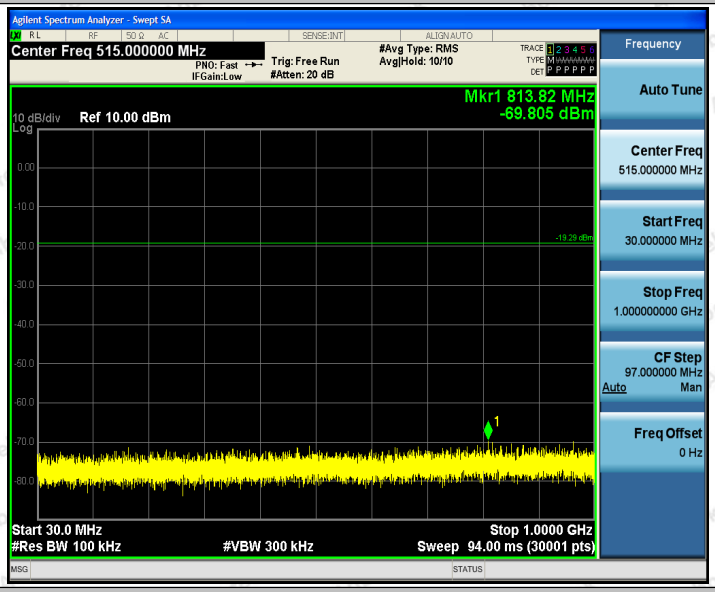
11G_Ant2_2412_1000~26500



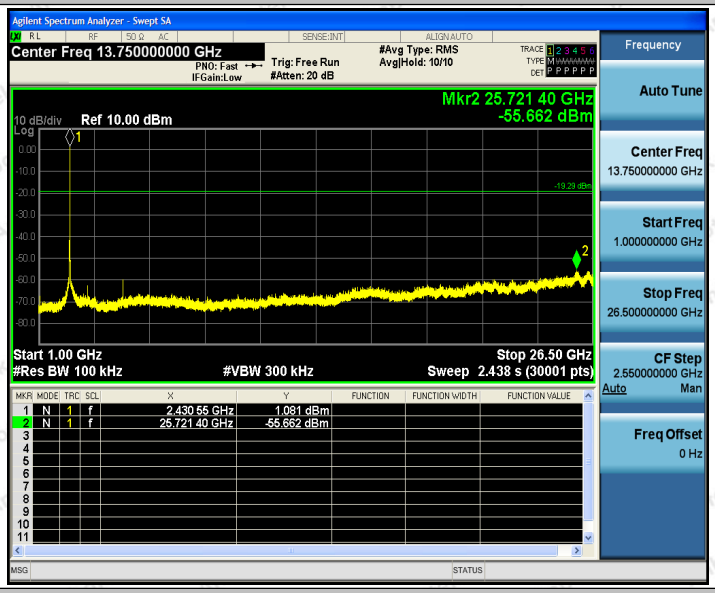
11G_Ant1_2437_0~Reference



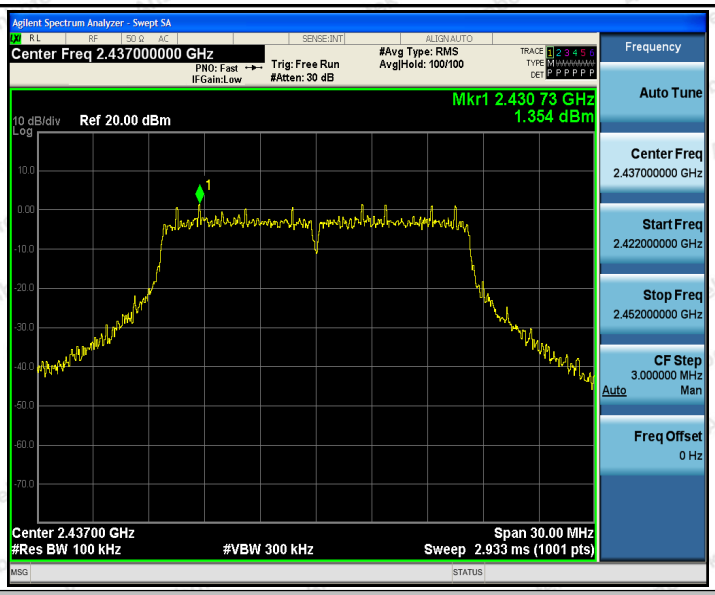
11G_Ant1_2437_30~1000



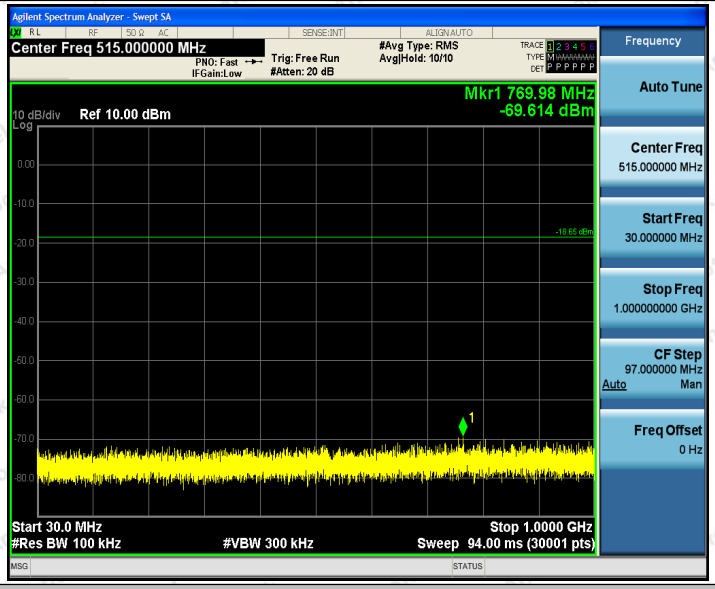
11G_Ant1_2437_1000~26500



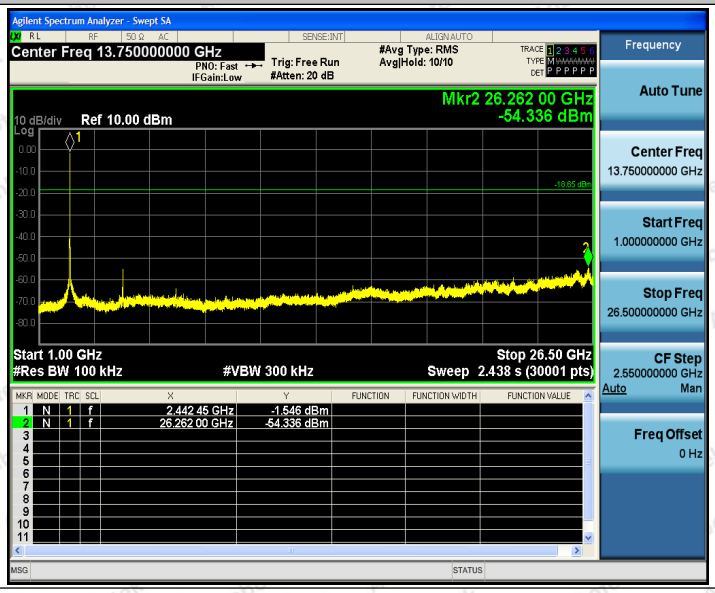
11G_Ant2_2437_0~Reference



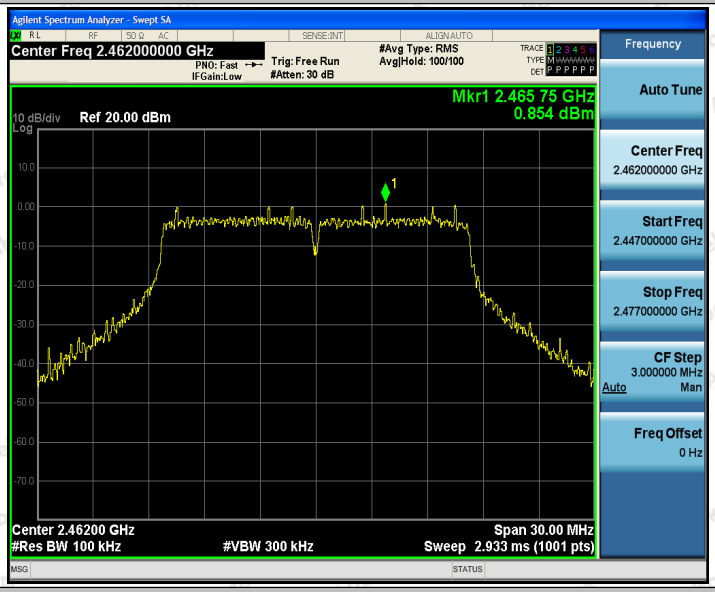
11G_Ant2_2437_30~1000



11G_Ant2_2437_1000~26500



11G_Ant1_2462_0~Reference



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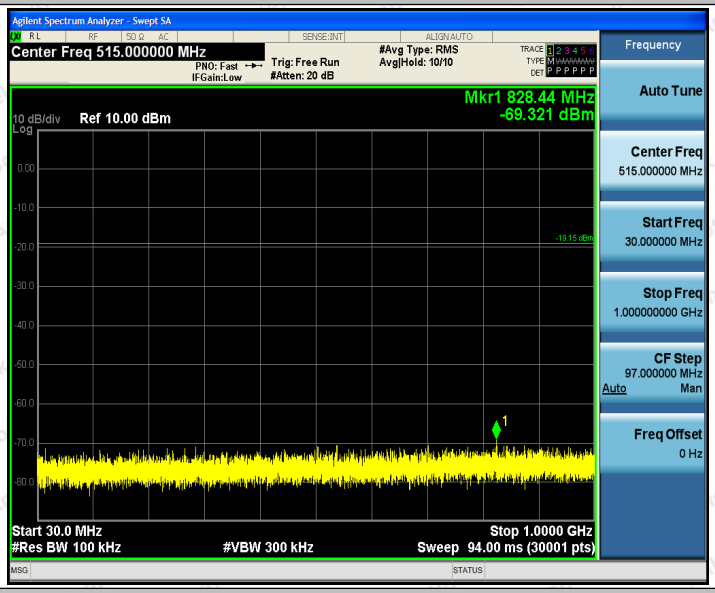
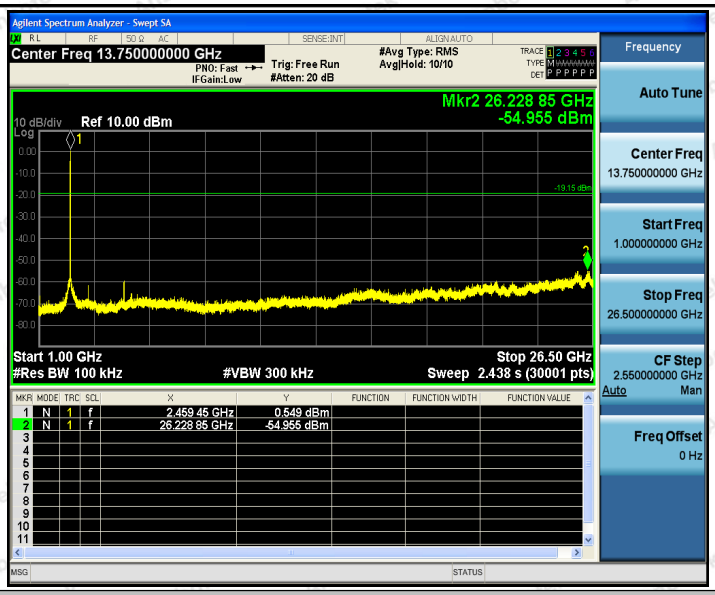
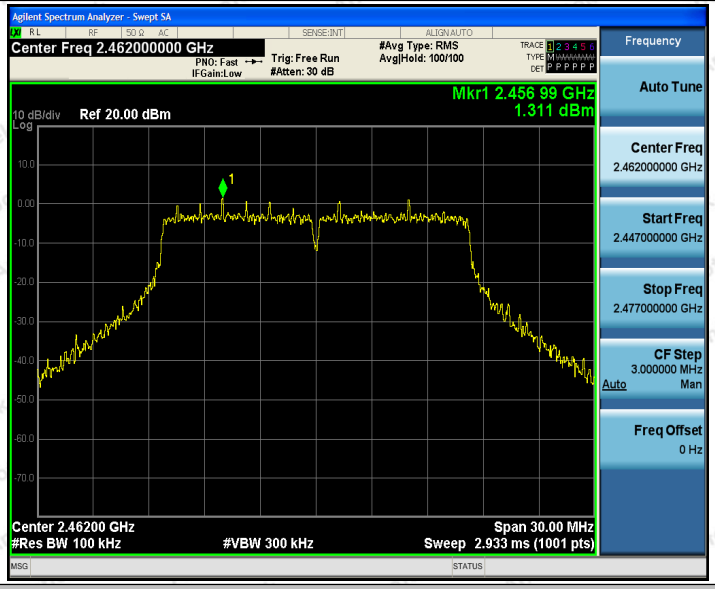


11G_Ant1_2462_1000~26500



11G_Ant2_2462_0~Reference



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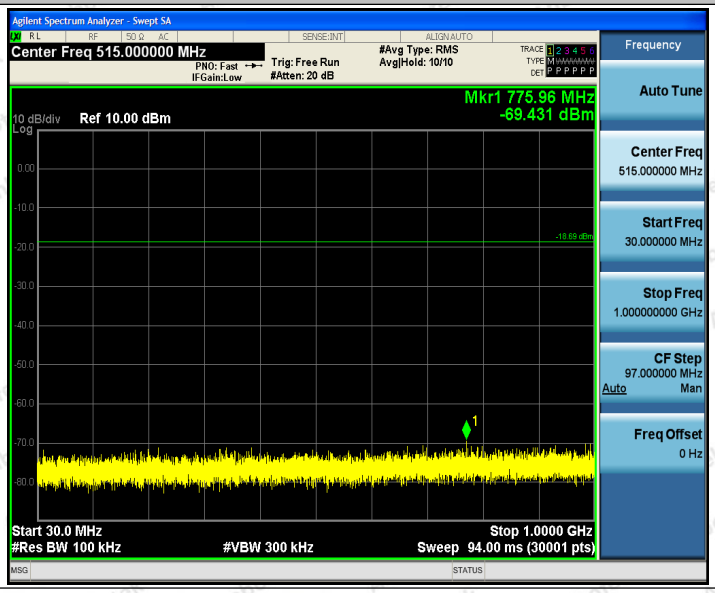
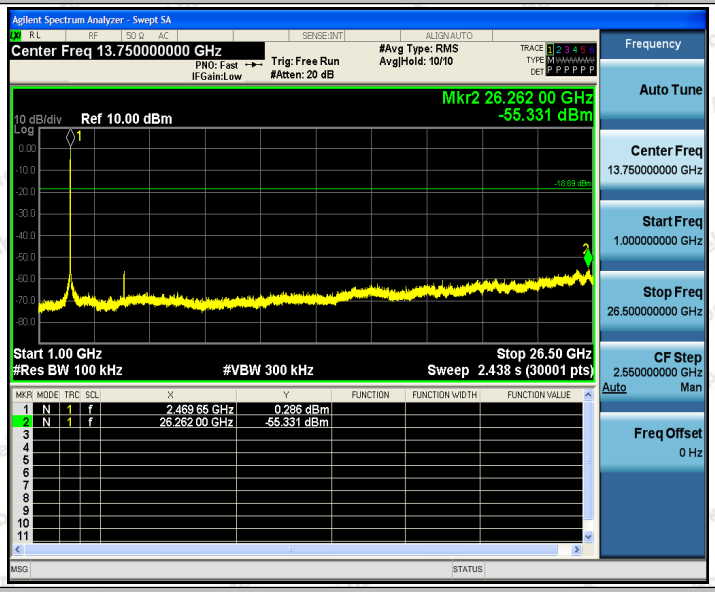
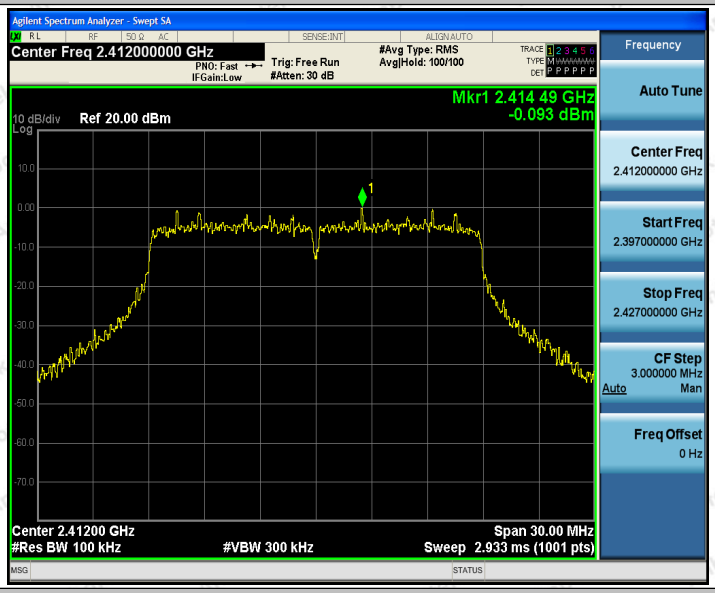


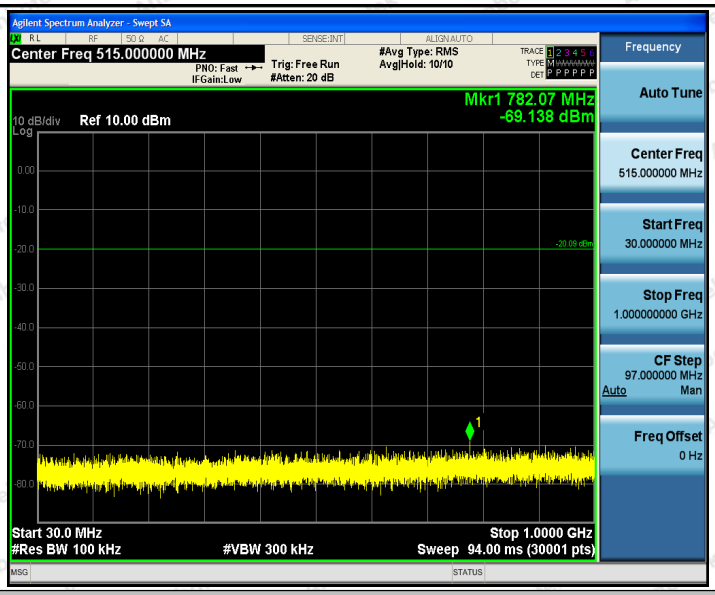
11G_Ant2_2462_1000~26500



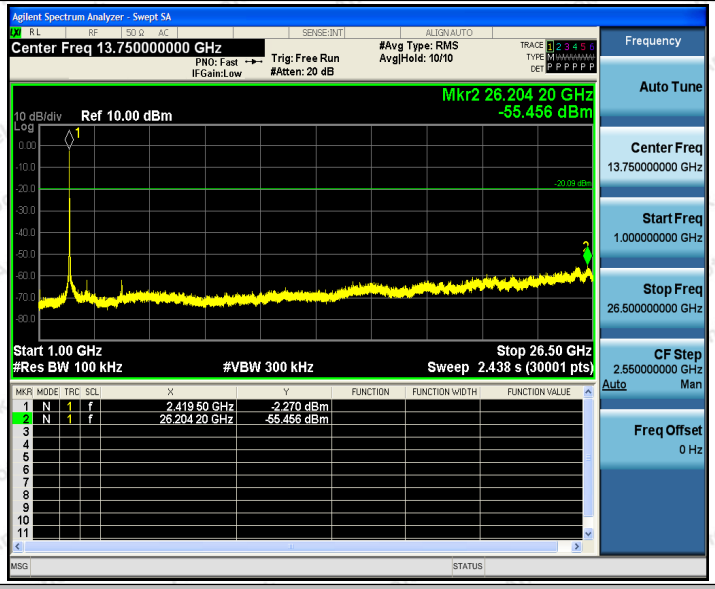
11N20_Ant1_2412_0~Reference



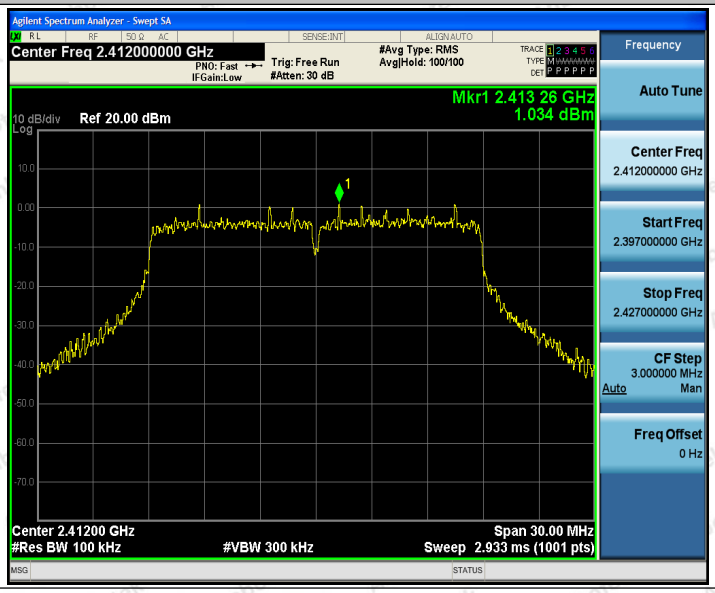
11N20_Ant1_2412_30~1000



11N20_Ant1_2412_1000~26500



11N20_Ant2_2412_0~Reference



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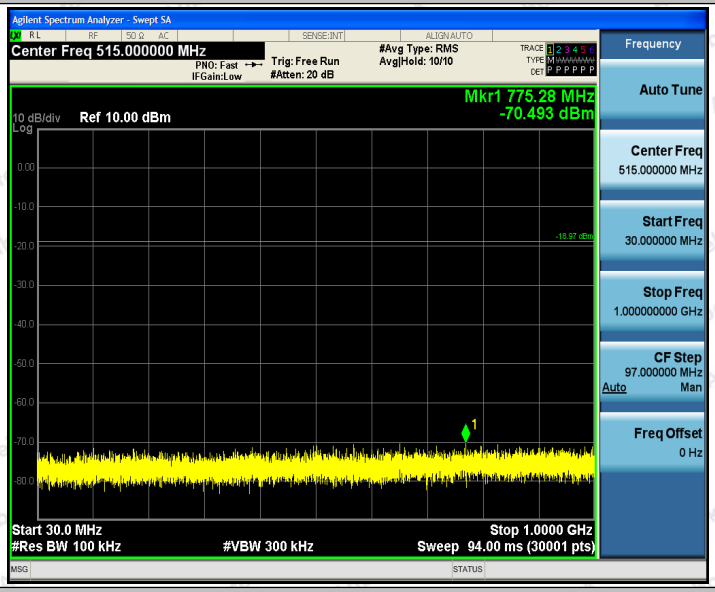
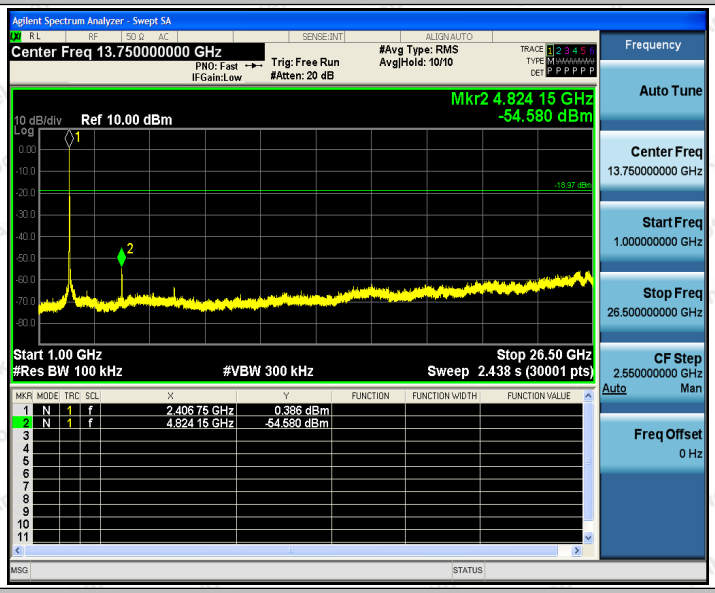
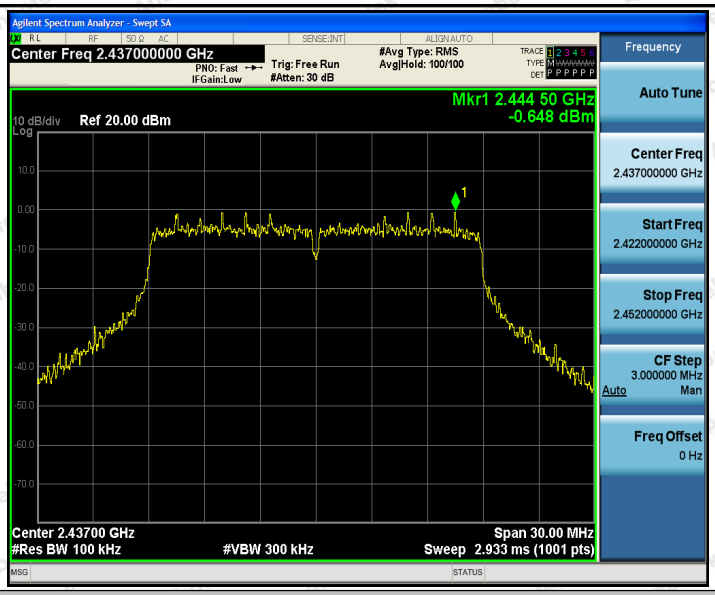


11N20_Ant2_2412_1000~26500



11N20_Ant1_2437_0~Reference



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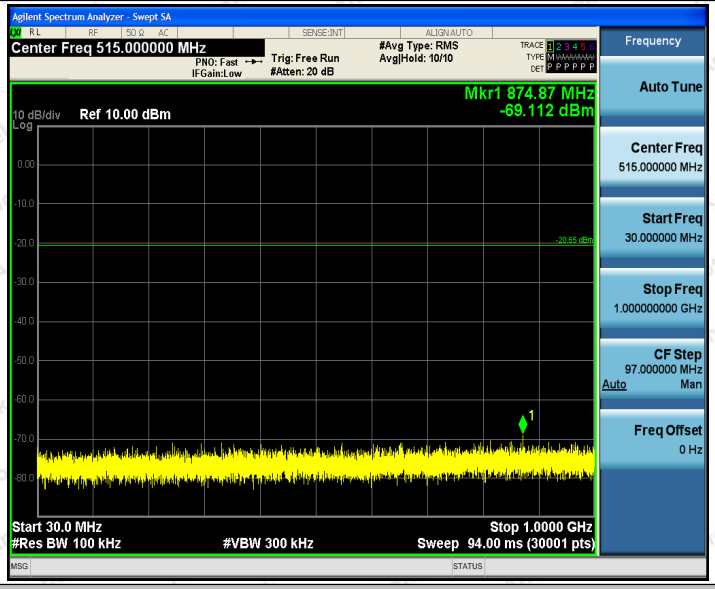

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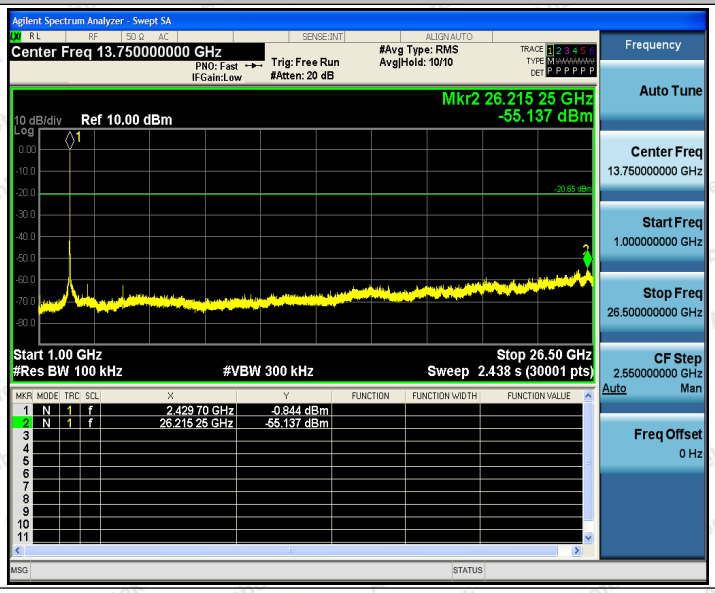
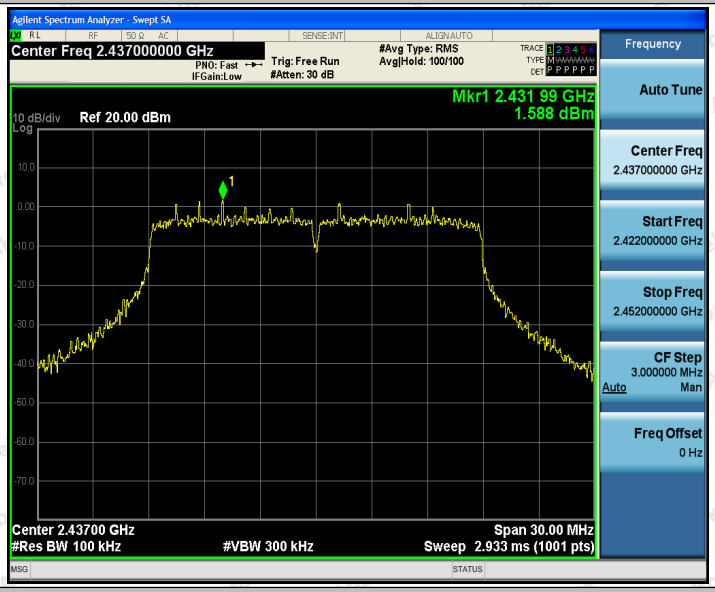


11N20_Ant2_2437_0~Reference



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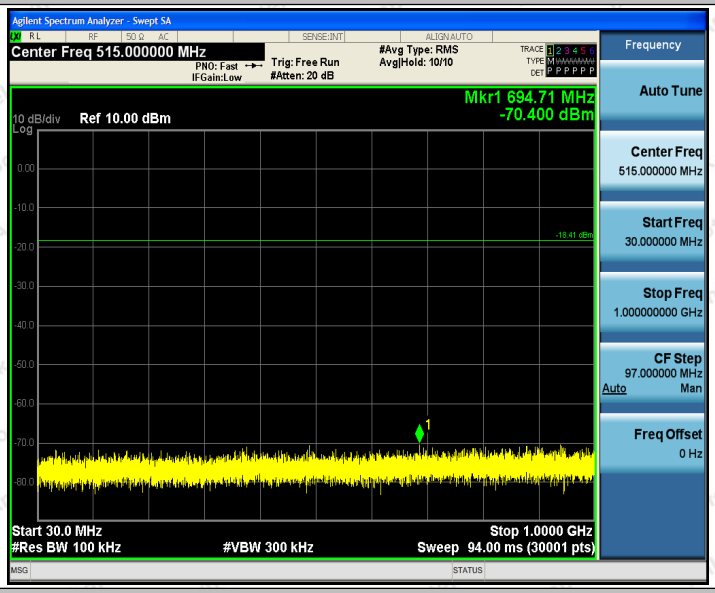

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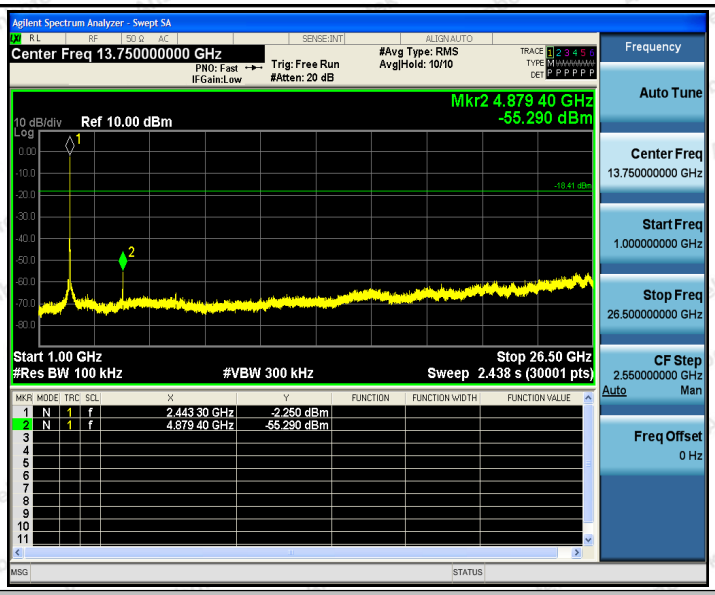

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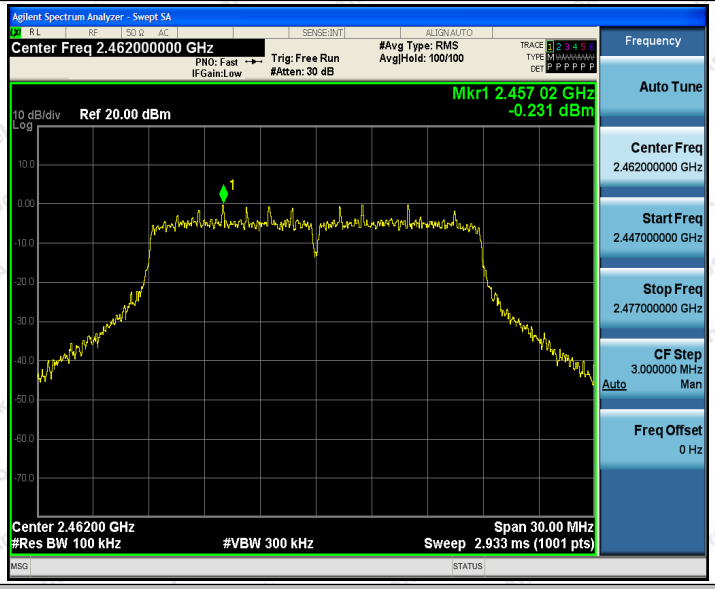

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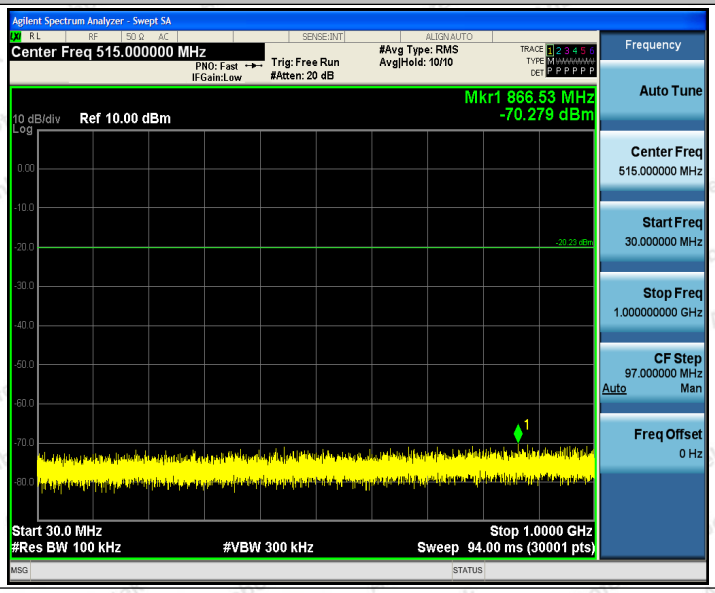

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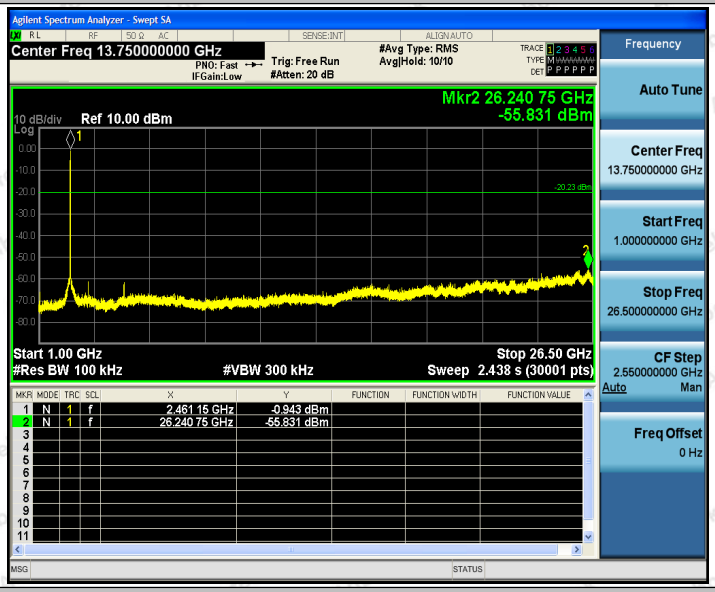

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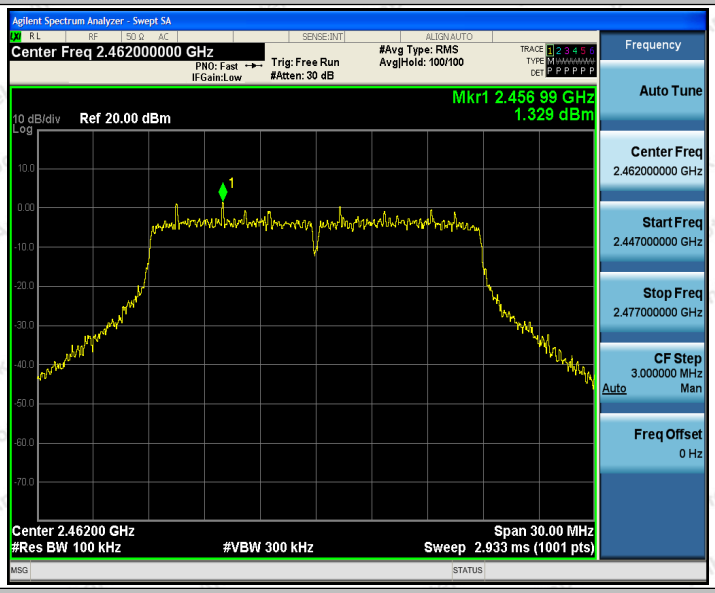

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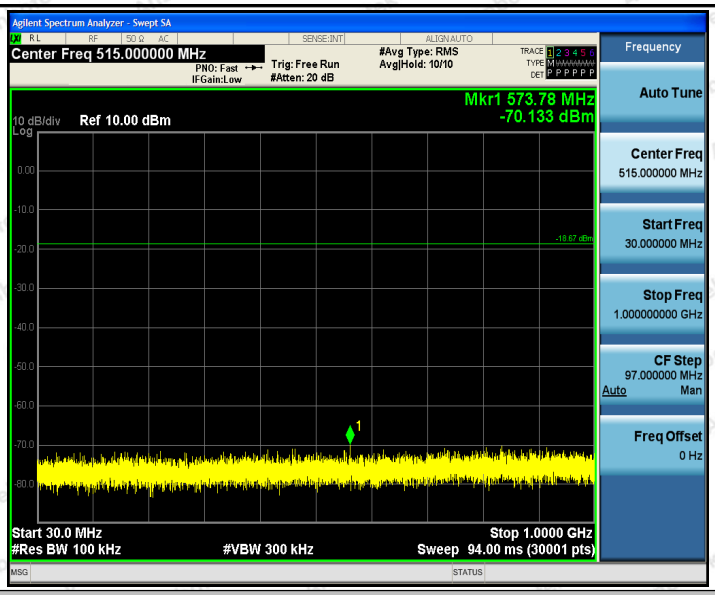

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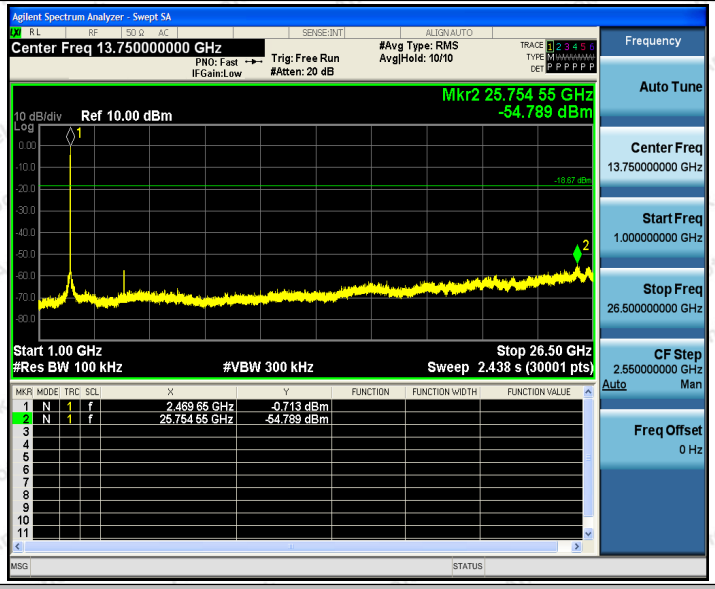
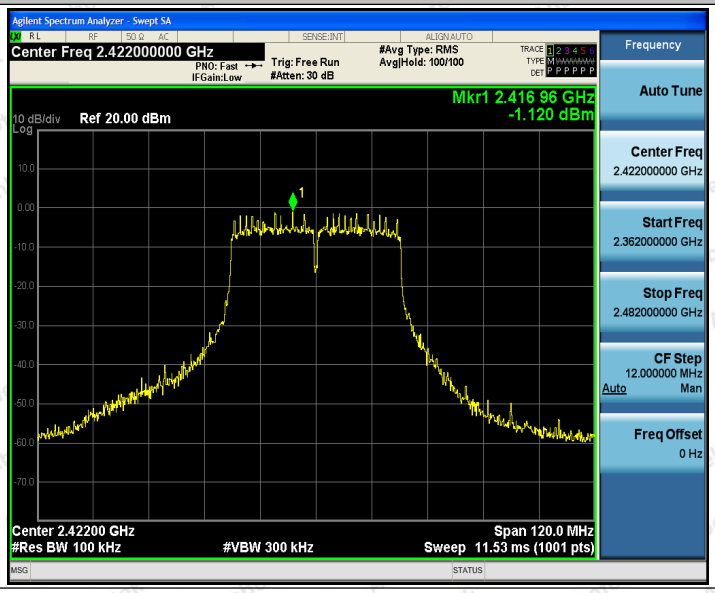


11n40_Ant1_2422_0~Reference



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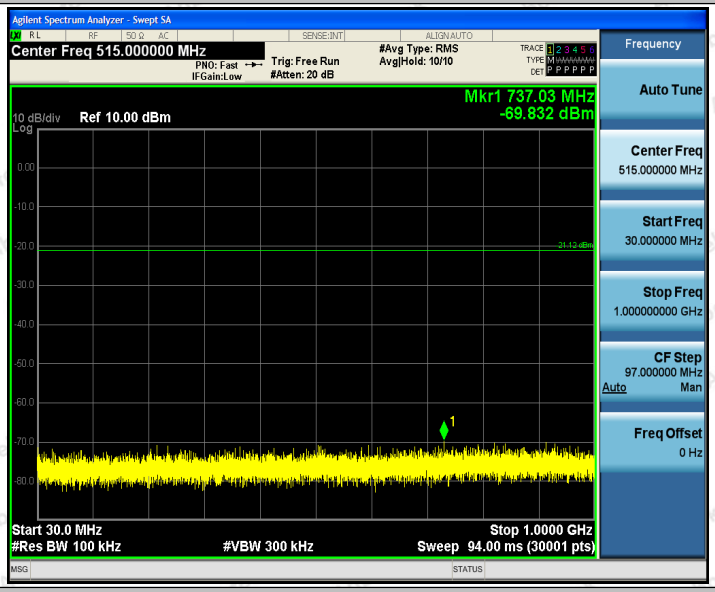

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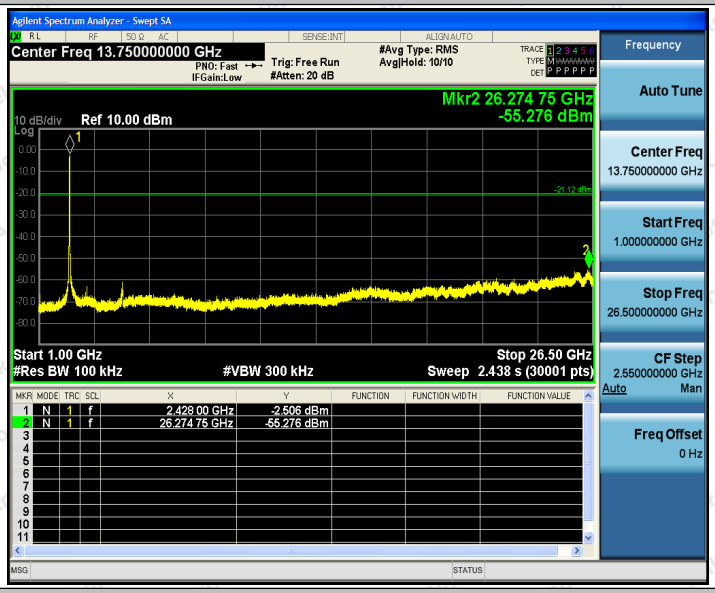

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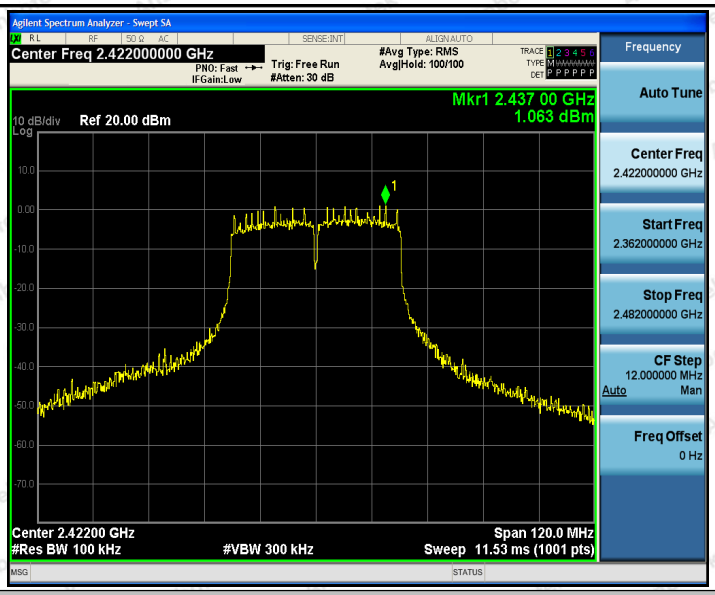

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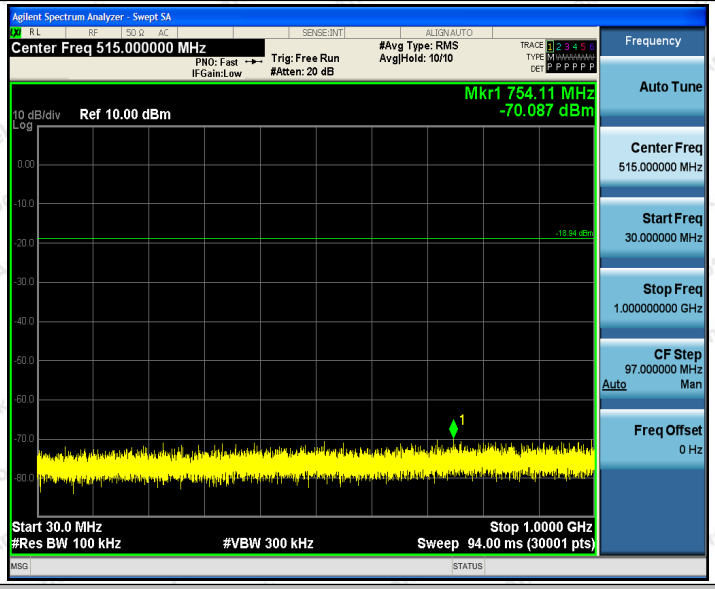
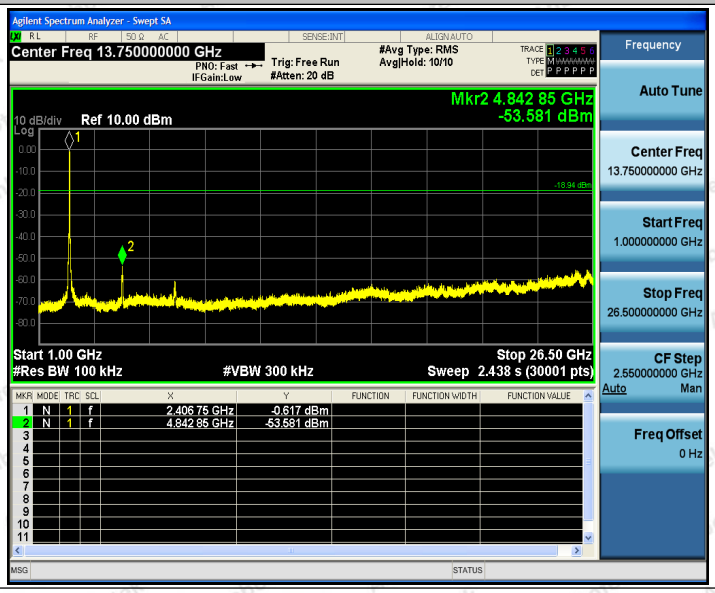
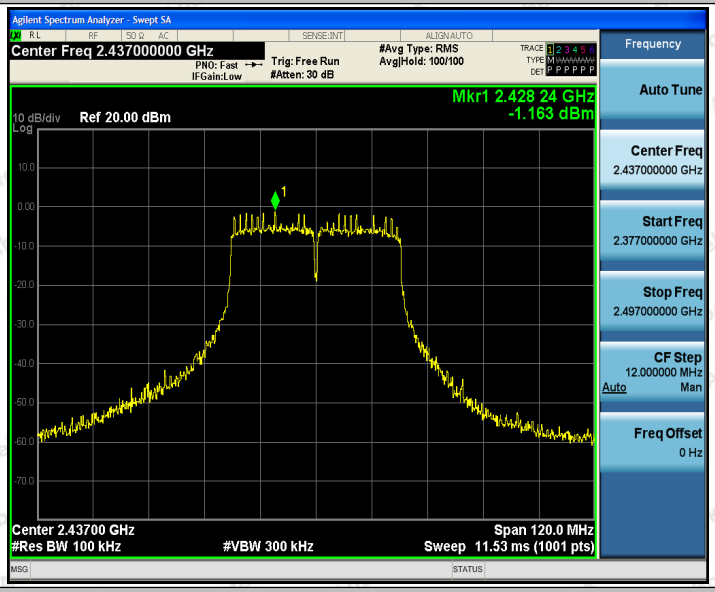


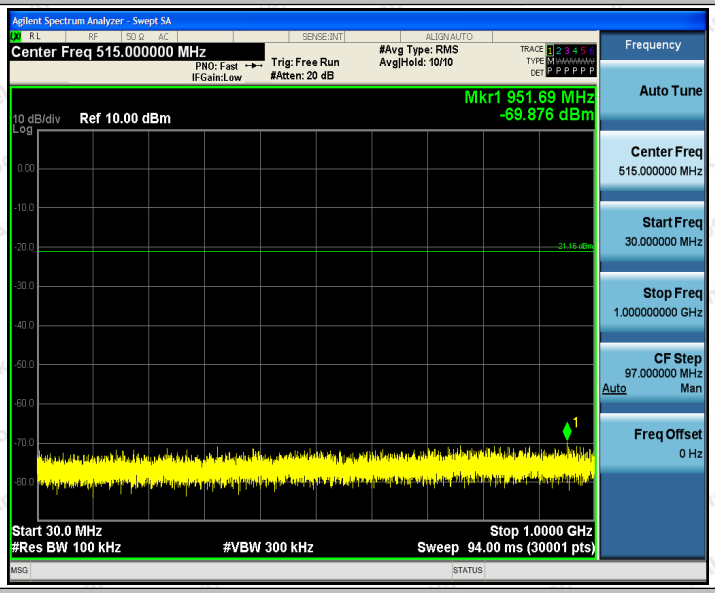
11n40_Ant2_2422_1000~26500



11n40_Ant1_2437_0~Reference



11n40_Ant1_2437_30~1000



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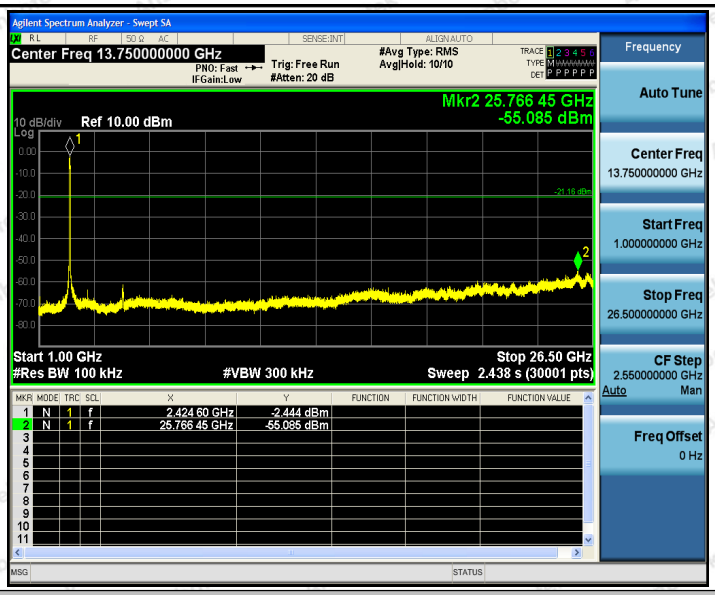

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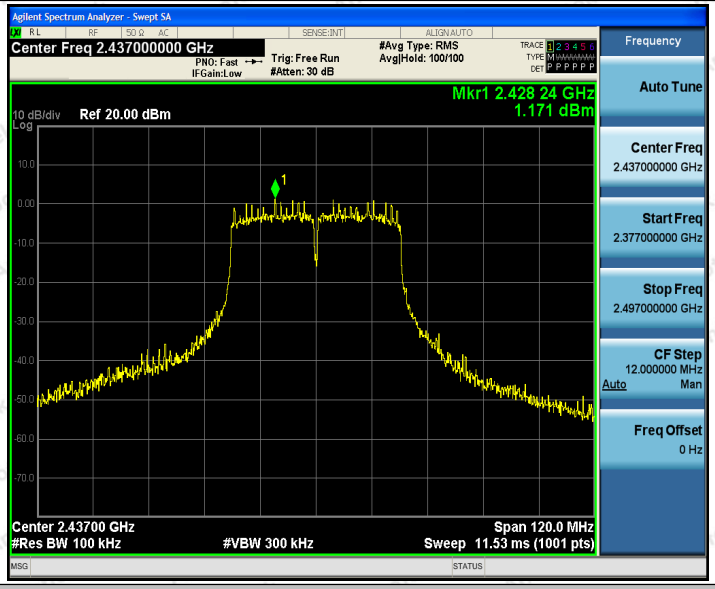

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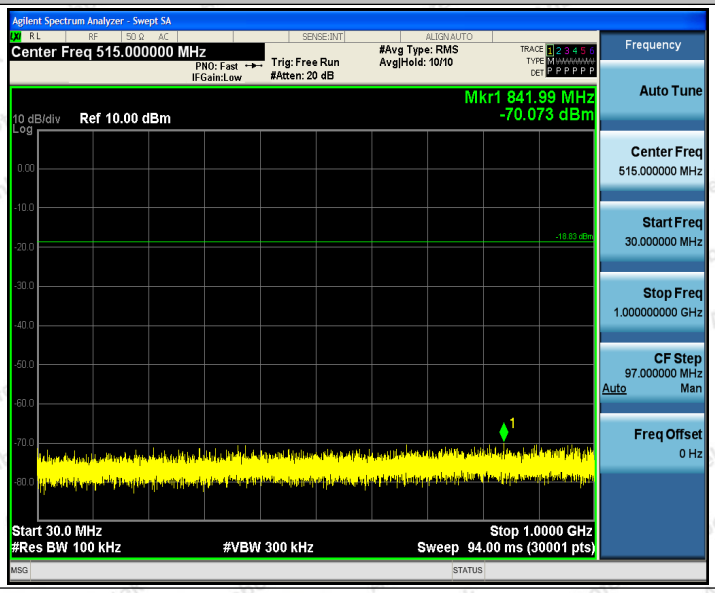

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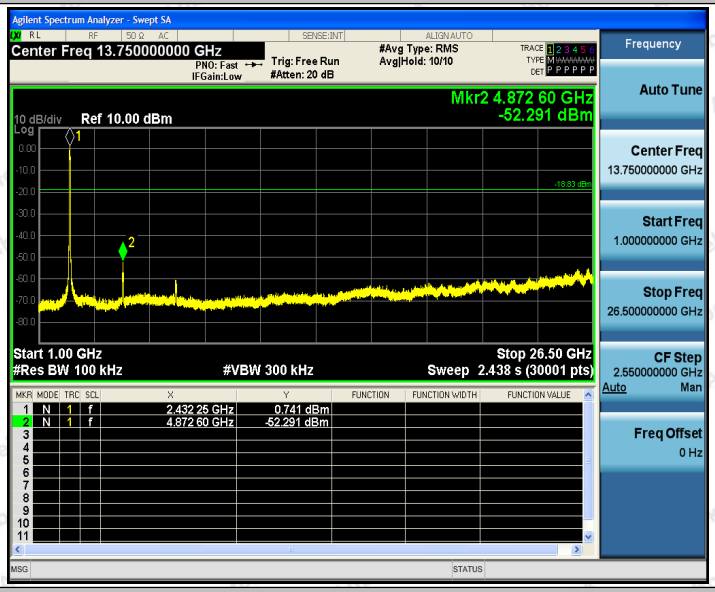

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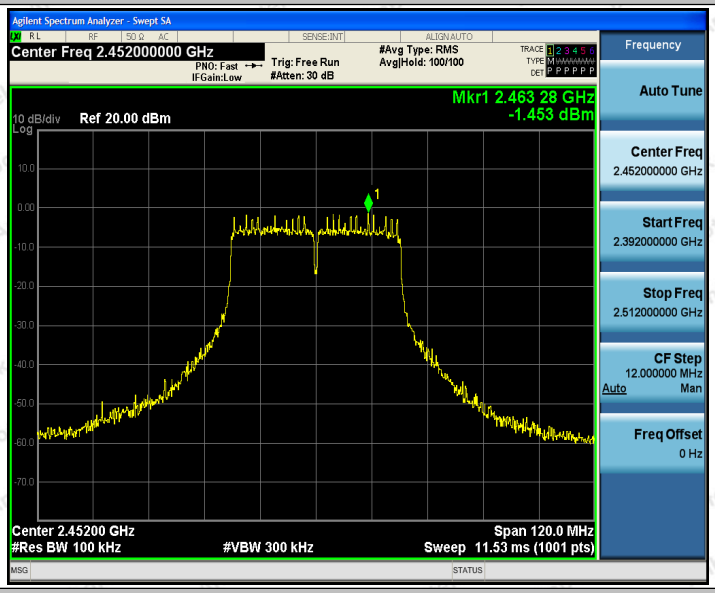

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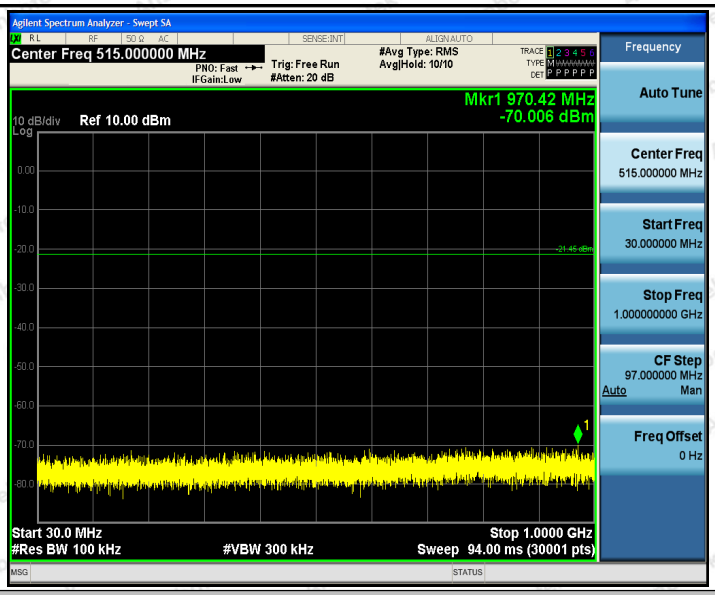

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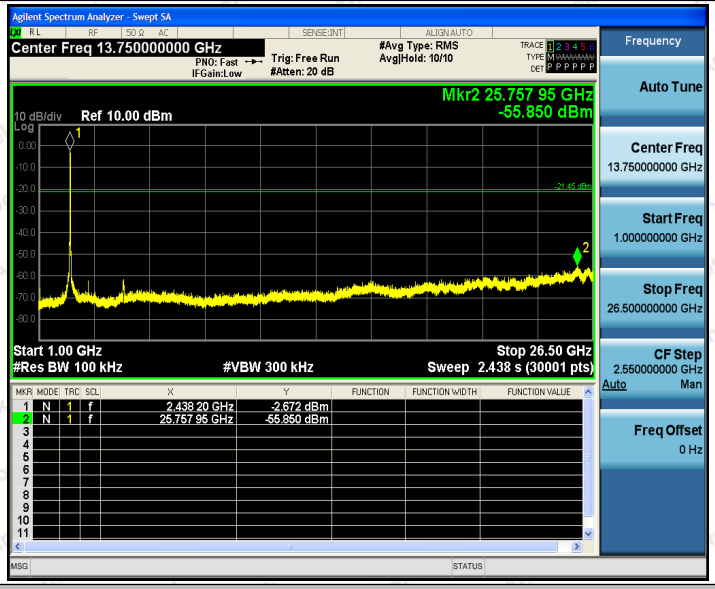

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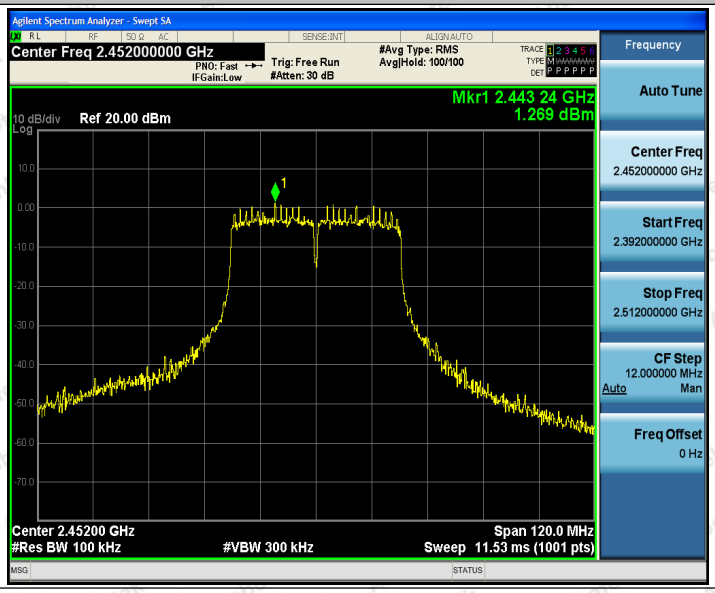

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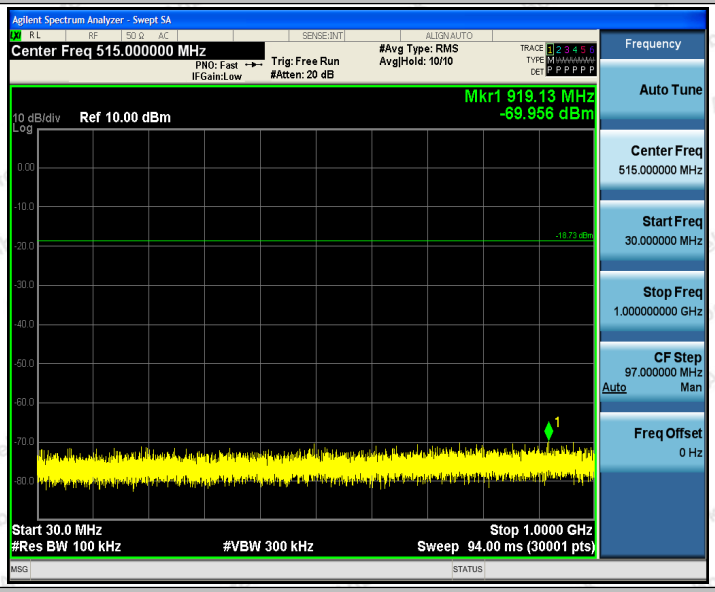
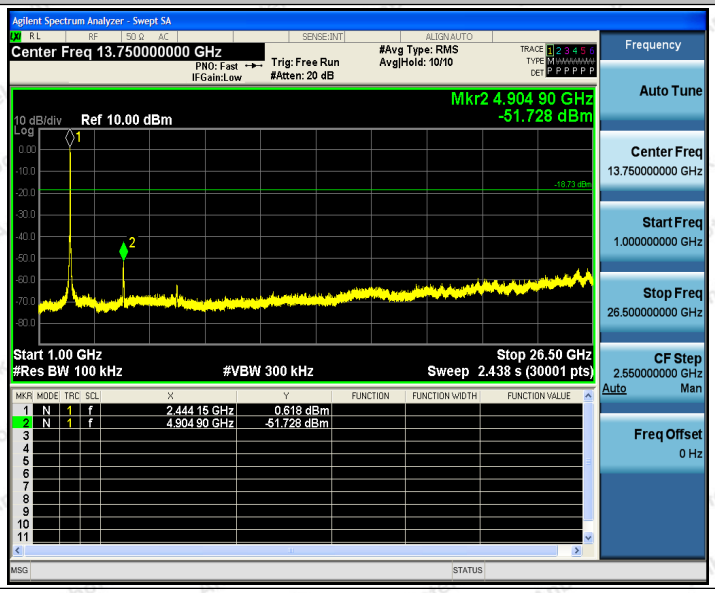


11n40_Ant2_2452_1000~26500



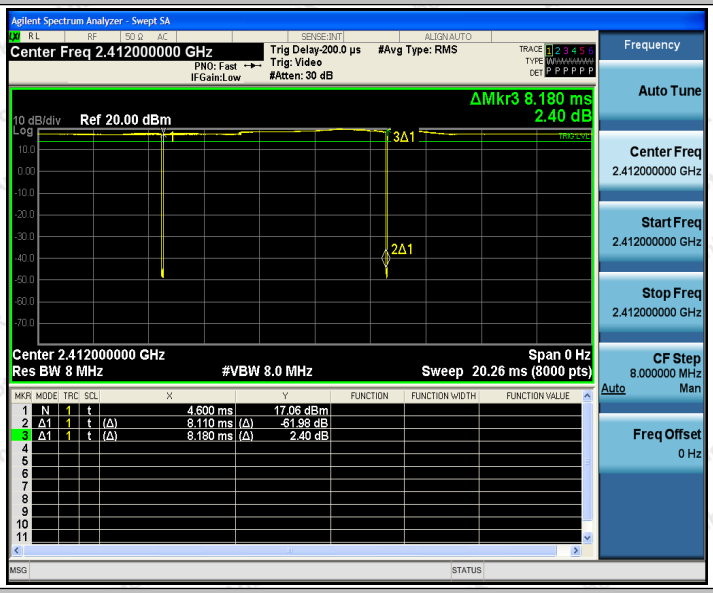
Appendix G: Duty Cycle

Test Result

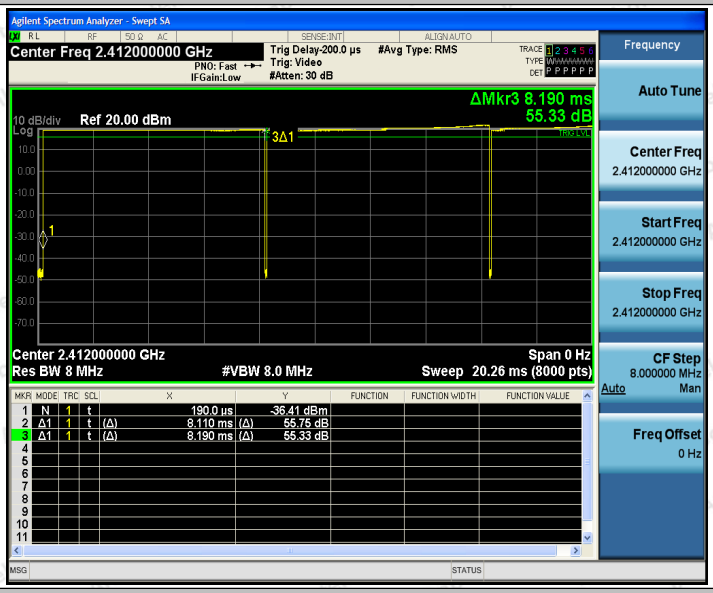
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.11	8.18	99.14	---	PASS
	Ant2	2412	8.11	8.19	99.02	---	PASS
	Ant1	2437	8.11	8.18	99.14	---	PASS
	Ant2	2437	8.11	8.19	99.02	---	PASS
	Ant1	2462	8.11	8.19	99.02	---	PASS
	Ant2	2462	8.11	8.30	97.71	---	PASS
11G	Ant1	2412	1.34	1.53	87.58	---	PASS
	Ant2	2412	1.35	1.59	84.91	---	PASS
	Ant1	2437	1.34	1.42	94.37	---	PASS
	Ant2	2437	1.34	1.42	94.37	---	PASS
	Ant1	2462	1.34	1.81	74.03	---	PASS
	Ant2	2462	1.34	1.56	85.90	---	PASS
11N20	Ant1	2412	1.26	1.35	93.33	---	PASS
	Ant2	2412	1.26	1.34	94.03	---	PASS
	Ant1	2437	1.26	1.34	94.03	---	PASS
	Ant2	2437	1.26	1.34	94.03	---	PASS
	Ant1	2462	1.26	1.34	94.03	---	PASS
	Ant2	2462	1.26	1.34	94.03	---	PASS
11n40	Ant1	2422	0.63	0.71	88.73	---	PASS
	Ant2	2422	0.63	0.82	76.83	---	PASS
	Ant1	2437	0.63	0.71	88.73	---	PASS
	Ant2	2437	0.63	0.74	85.14	---	PASS
	Ant1	2452	0.62	0.81	76.54	---	PASS
	Ant2	2452	0.62	0.72	86.11	---	PASS

Test Graphs

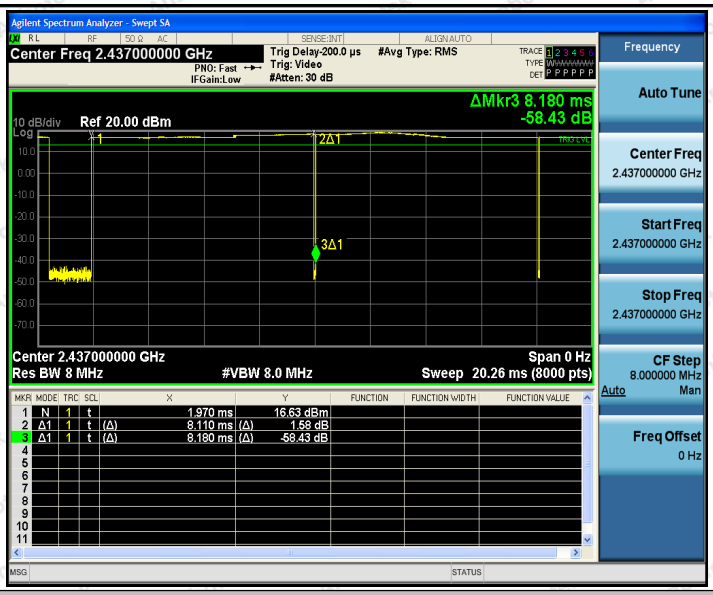
11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



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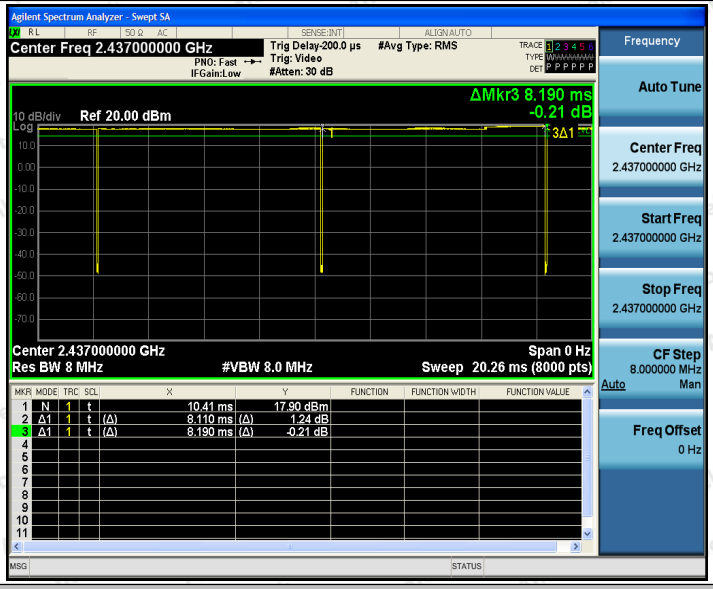
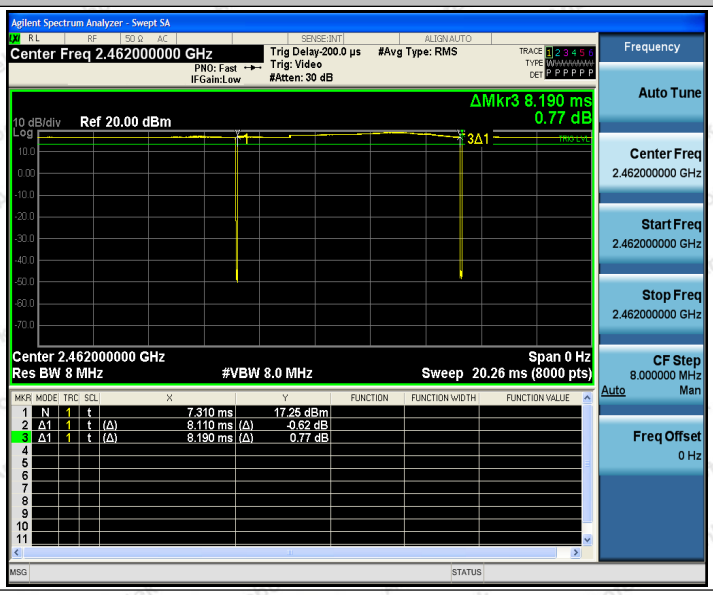


11B_Ant1_2462



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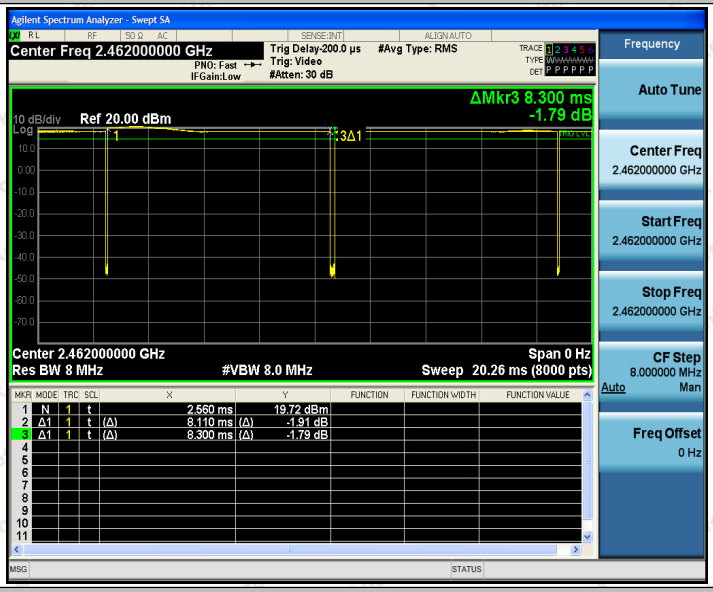

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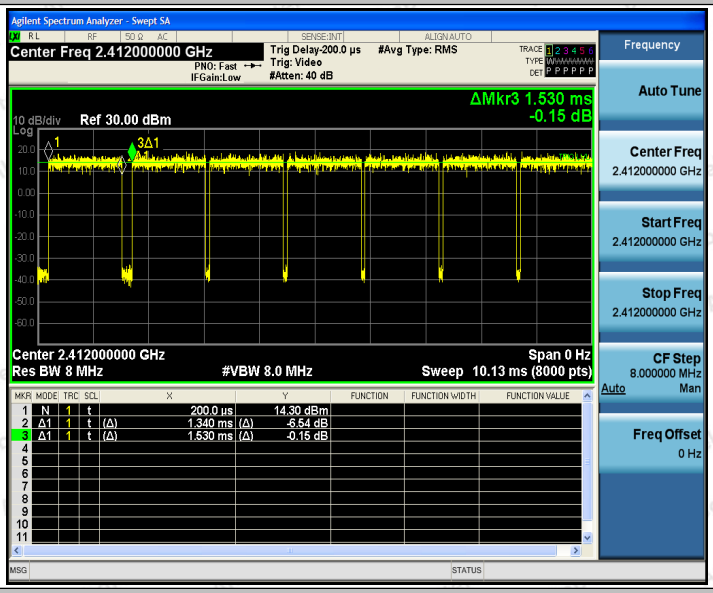

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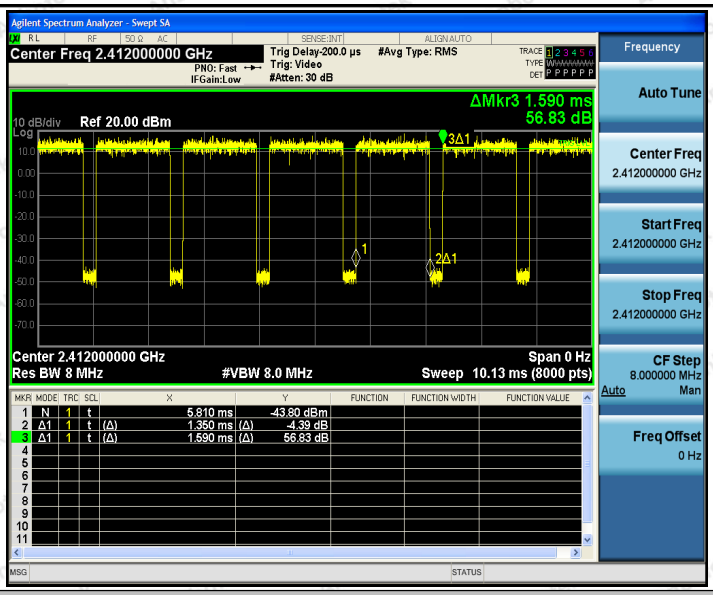

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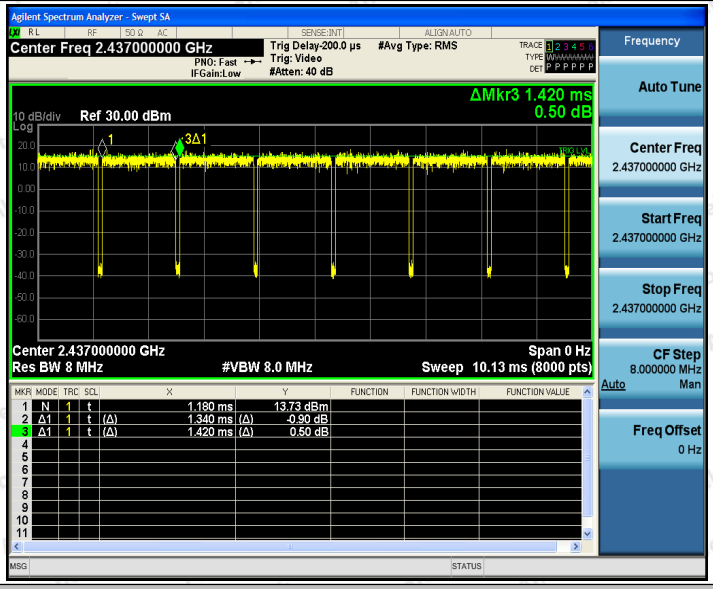

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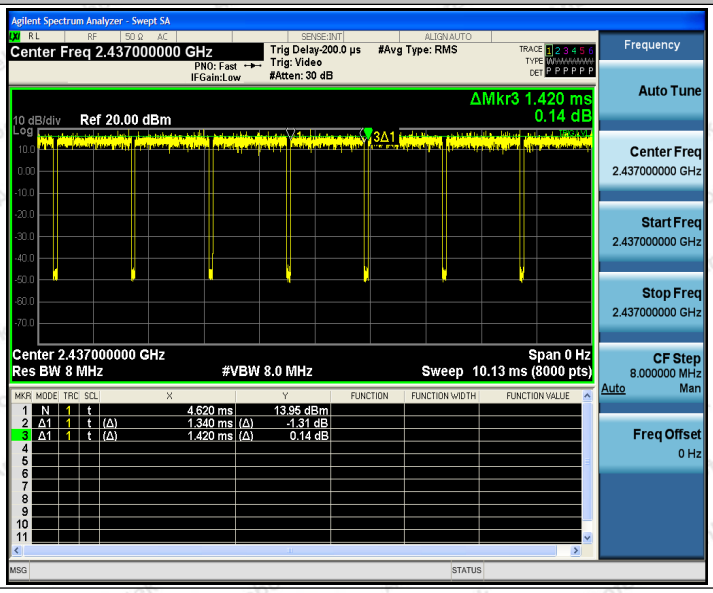

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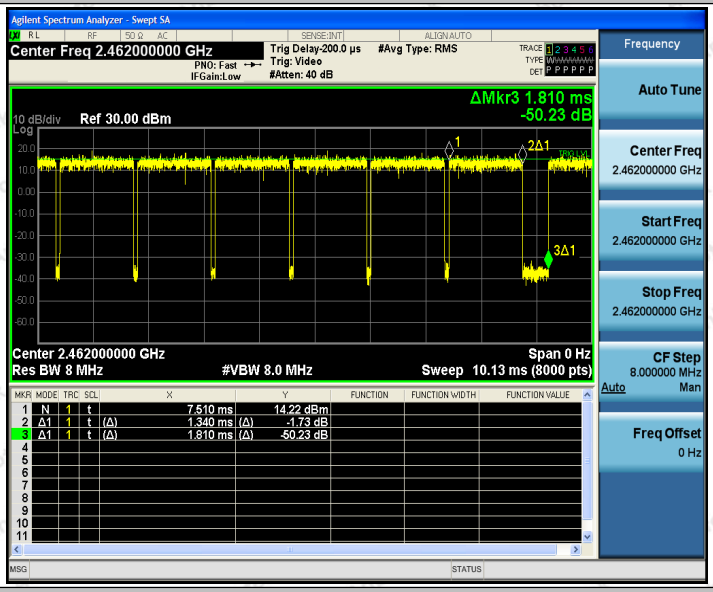

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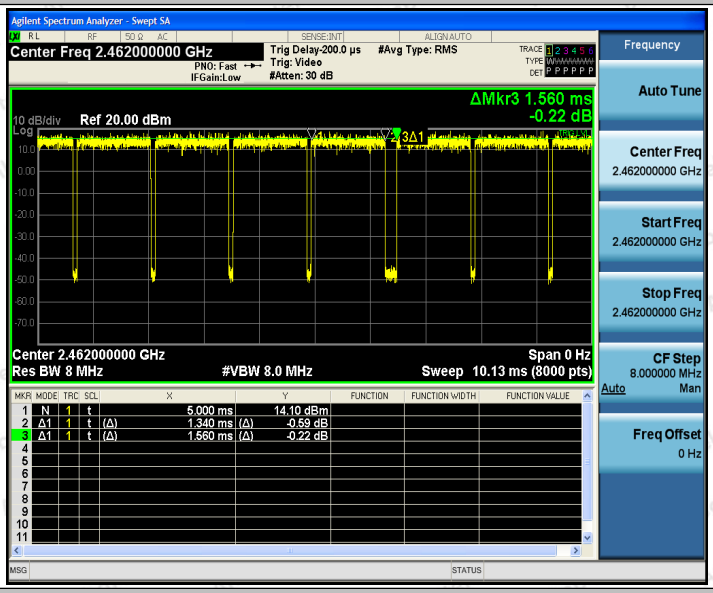

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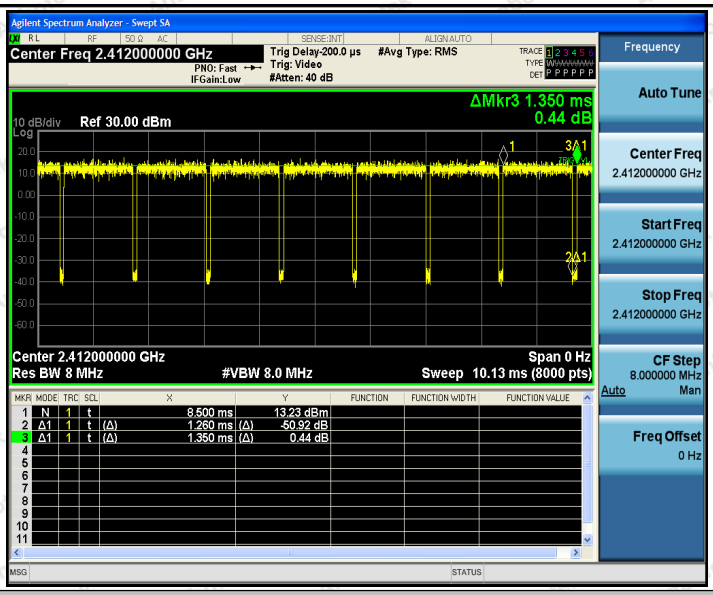

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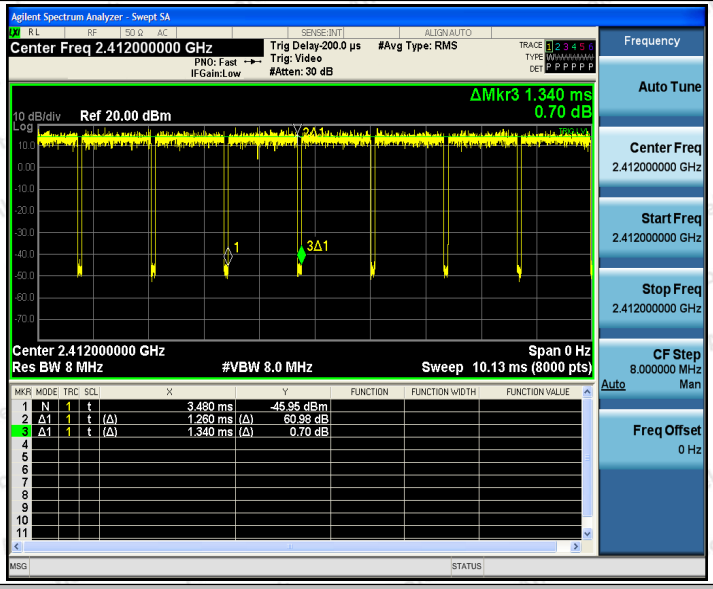

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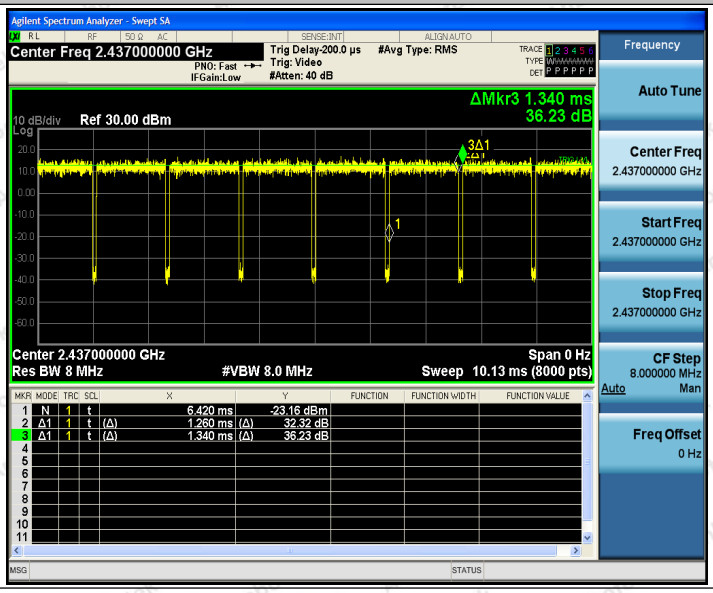

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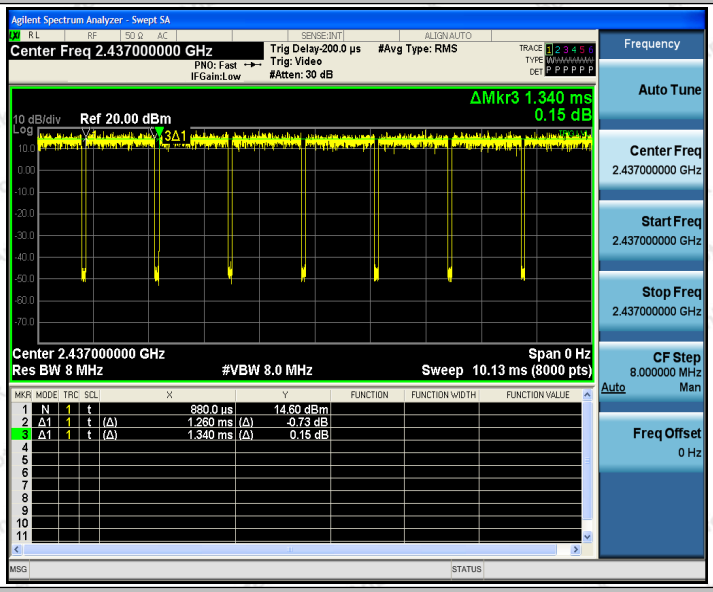

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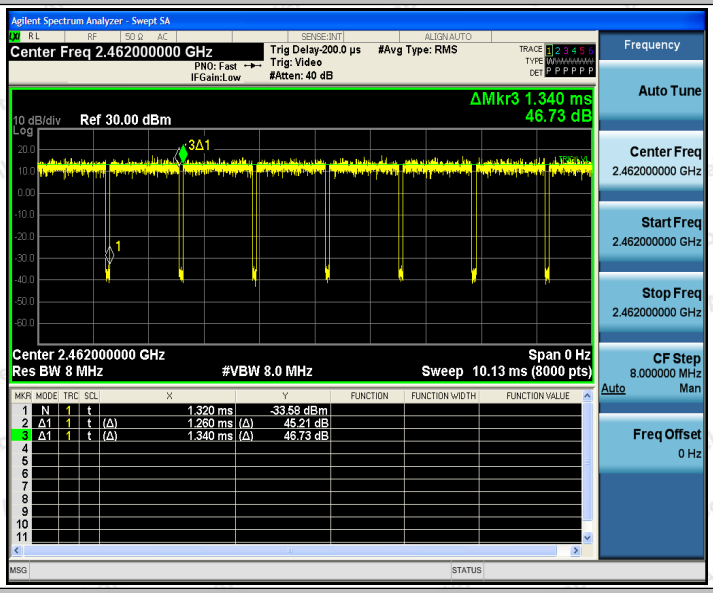

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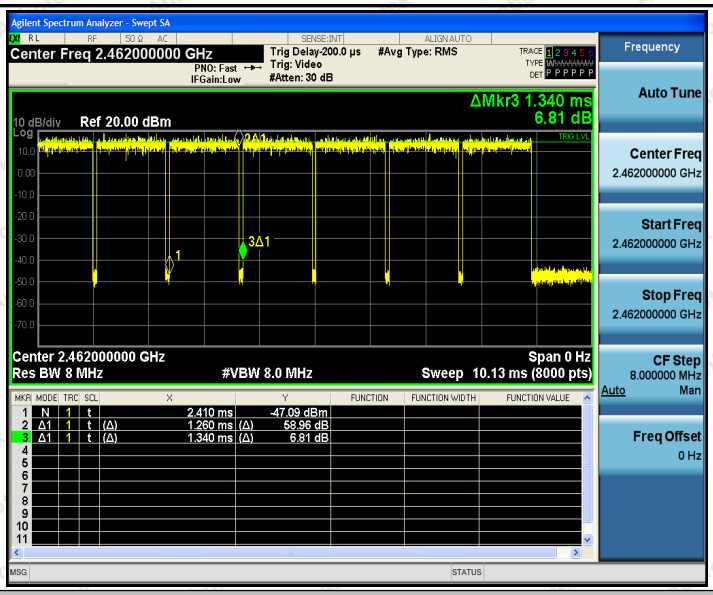
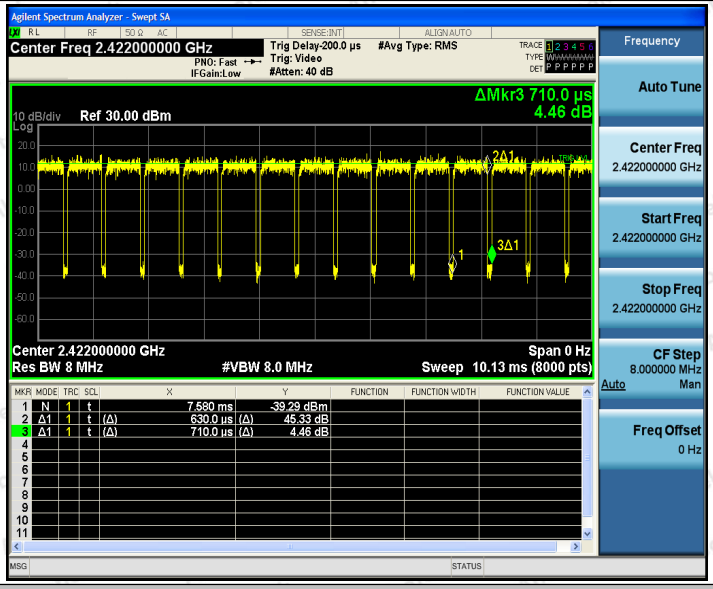


11n40_Ant1_2422



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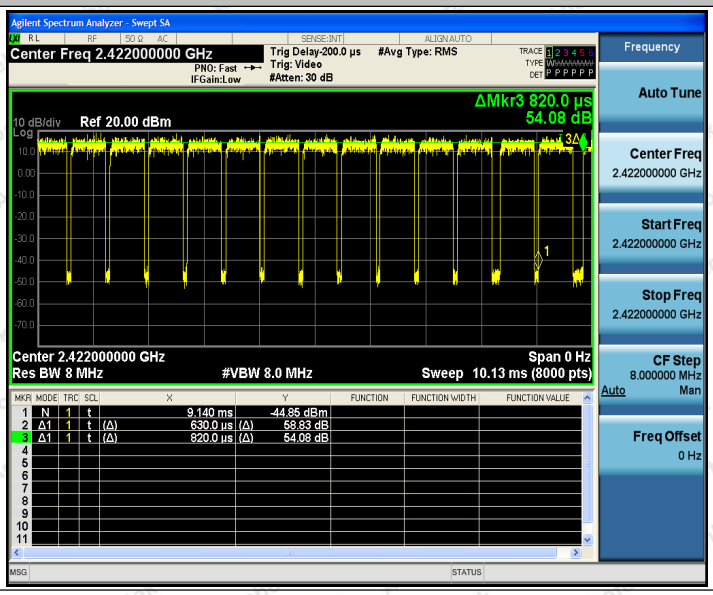

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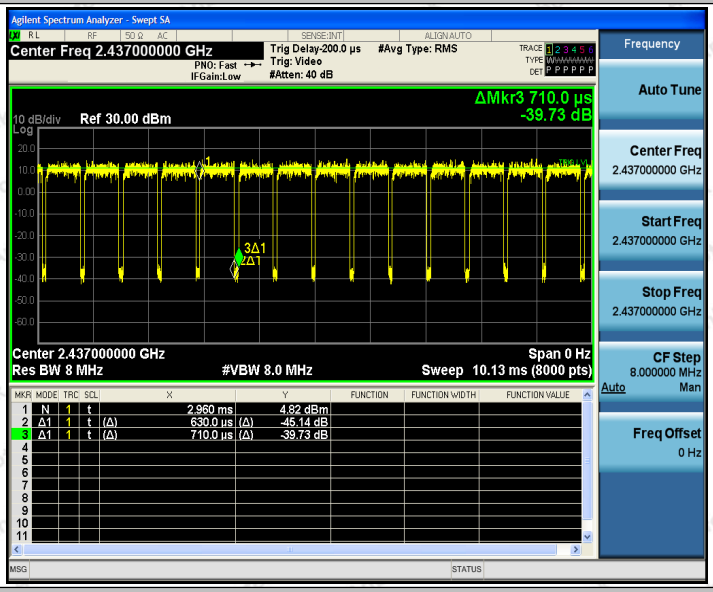

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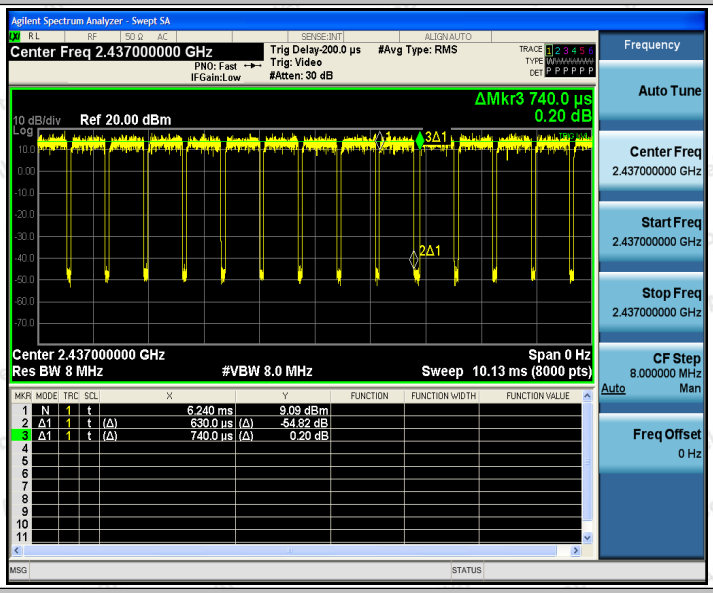

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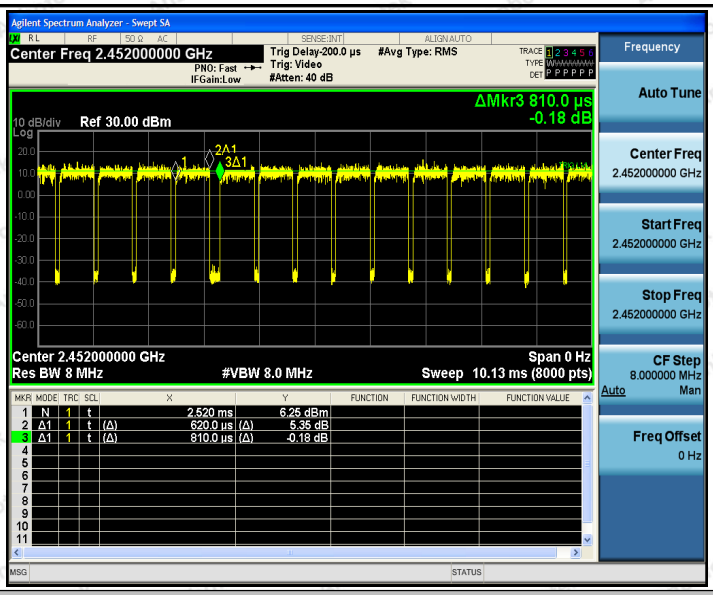

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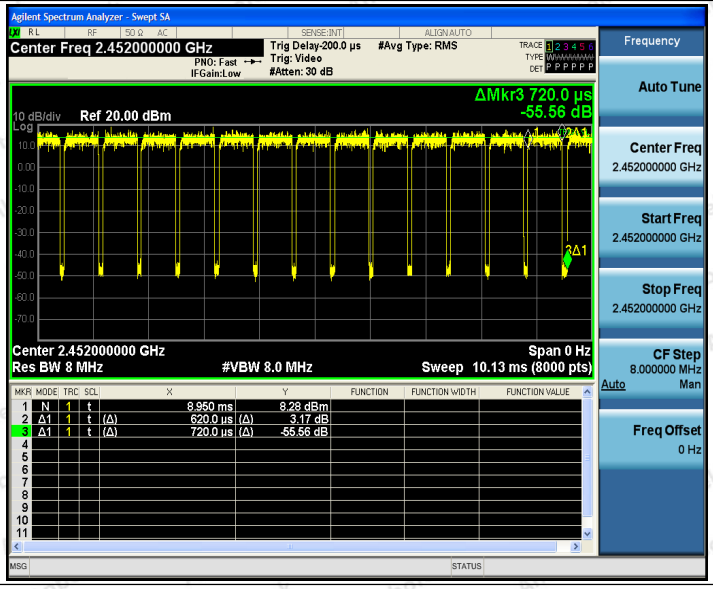

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