Appendix F: Conducted Spurious Emission

Test Result

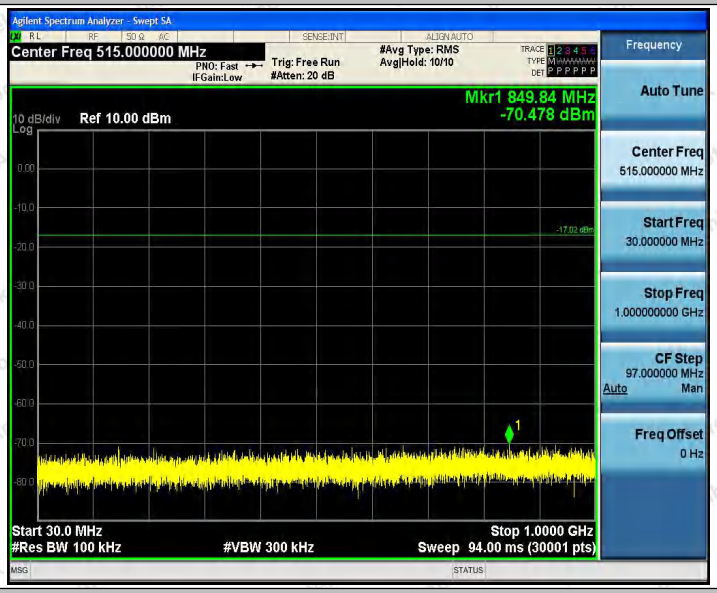
Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.98	2.98	---	PASS
			30~1000	2.98	-70.48	≤-17.02	PASS
			1000~26500	2.98	-39.39	≤-17.02	PASS
	Ant2	2412	Reference	4.35	4.35	---	PASS
			30~1000	4.35	-70.01	≤-15.65	PASS
			1000~26500	4.35	-39.59	≤-15.65	PASS
	Ant1	2437	Reference	2.02	2.02	---	PASS
			30~1000	2.02	-70.35	≤-17.98	PASS
			1000~26500	2.02	-41.47	≤-17.98	PASS
	Ant2	2437	Reference	1.86	1.86	---	PASS
			30~1000	1.86	-70.09	≤-18.14	PASS
			1000~26500	1.86	-42.65	≤-18.14	PASS
	Ant1	2462	Reference	3.03	3.03	---	PASS
			30~1000	3.03	-70.19	≤-16.97	PASS
			1000~26500	3.03	-40.68	≤-16.97	PASS
	Ant2	2462	Reference	3.35	3.35	---	PASS
			30~1000	3.35	-70.12	≤-16.66	PASS
			1000~26500	3.35	-40.9	≤-16.66	PASS
11G	Ant1	2412	Reference	-8.05	-8.05	---	PASS
			30~1000	-8.05	-70.05	≤-28.05	PASS
			1000~26500	-8.05	-40.66	≤-28.05	PASS
	Ant2	2412	Reference	-3.40	-3.40	---	PASS
			30~1000	-3.40	-69.56	≤-23.4	PASS
			1000~26500	-3.40	-40.71	≤-23.4	PASS
	Ant1	2437	Reference	-4.98	-4.98	---	PASS
			30~1000	-4.98	-70.62	≤-24.98	PASS
			1000~26500	-4.98	-41.05	≤-24.98	PASS
	Ant2	2437	Reference	-4.86	-4.86	---	PASS
			30~1000	-4.86	-69.22	≤-24.86	PASS
			1000~26500	-4.86	-40.81	≤-24.86	PASS
	Ant1	2462	Reference	-3.84	-3.84	---	PASS
			30~1000	-3.84	-70.73	≤-23.84	PASS
			1000~26500	-3.84	-41.58	≤-23.84	PASS
	Ant2	2462	Reference	-4.28	-4.28	---	PASS
			30~1000	-4.28	-70.87	≤-24.28	PASS
			1000~26500	-4.28	-41.32	≤-24.28	PASS
11N20	Ant1	2412	Reference	-6.44	-6.44	---	PASS

			30~1000	-6.44	-70.65	≤-26.44	PASS
			1000~26500	-6.44	-46.16	≤-26.44	PASS
	Ant2	2412	Reference	-6.89	-6.89	---	PASS
			30~1000	-6.89	-70.87	≤-26.89	PASS
			1000~26500	-6.89	-46.1	≤-26.89	PASS
	Ant1	2437	Reference	-6.55	-6.55	---	PASS
			30~1000	-6.55	-69.71	≤-26.55	PASS
			1000~26500	-6.55	-46.42	≤-26.55	PASS
	Ant2	2437	Reference	-6.58	-6.58	---	PASS
			30~1000	-6.58	-70.08	≤-26.58	PASS
			1000~26500	-6.58	-46.7	≤-26.58	PASS
	Ant1	2462	Reference	-6.03	-6.03	---	PASS
			30~1000	-6.03	-71.08	≤-26.03	PASS
			1000~26500	-6.03	-47.05	≤-26.03	PASS
	Ant2	2462	Reference	-6.20	-6.20	---	PASS
			30~1000	-6.20	-70.57	≤-26.2	PASS
			1000~26500	-6.20	-47.42	≤-26.2	PASS
11N40	Ant1	2422	Reference	-7.24	-7.24	---	PASS
			30~1000	-7.24	-70.89	≤-27.24	PASS
			1000~26500	-7.24	-41.17	≤-27.24	PASS
	Ant2	2422	Reference	-6.91	-6.91	---	PASS
			30~1000	-6.91	-69.33	≤-26.91	PASS
			1000~26500	-6.91	-41.42	≤-26.91	PASS
	Ant1	2437	Reference	-7.71	-7.71	---	PASS
			30~1000	-7.71	-70.48	≤-27.71	PASS
			1000~26500	-7.71	-41.28	≤-27.71	PASS
	Ant2	2437	Reference	-7.69	-7.69	---	PASS
			30~1000	-7.69	-69.79	≤-27.69	PASS
			1000~26500	-7.69	-40.96	≤-27.69	PASS
	Ant1	2452	Reference	-6.87	-6.87	---	PASS
			30~1000	-6.87	-69.59	≤-26.87	PASS
			1000~26500	-6.87	-40.66	≤-26.87	PASS
	Ant2	2452	Reference	-7.40	-7.40	---	PASS
			30~1000	-7.40	-70.19	≤-27.4	PASS
			1000~26500	-7.40	-40.58	≤-27.4	PASS

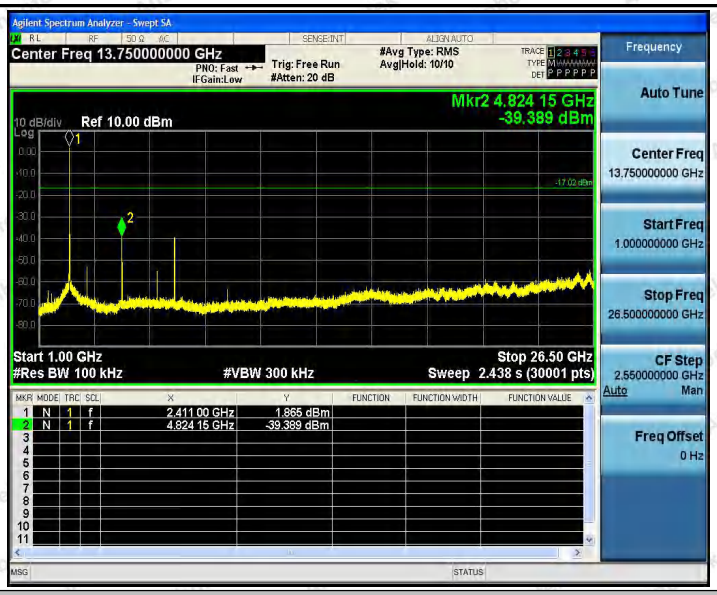
Test Graphs

11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

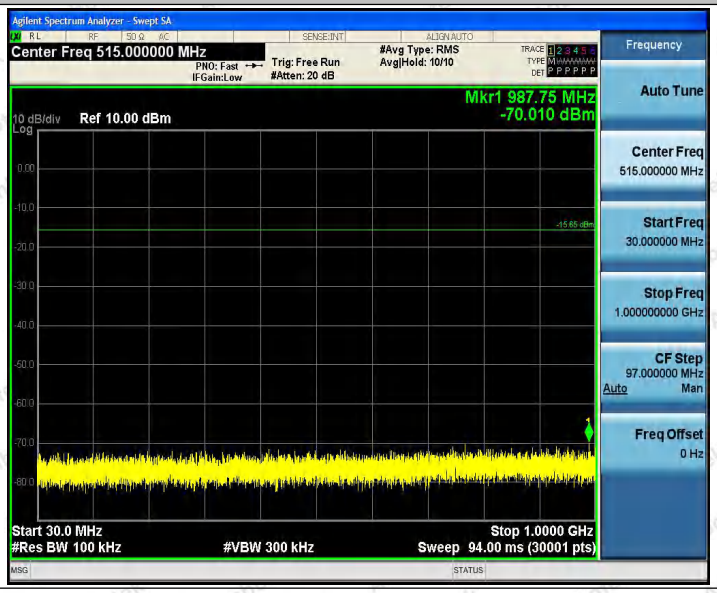


11B_Ant1_2412_1000~26500

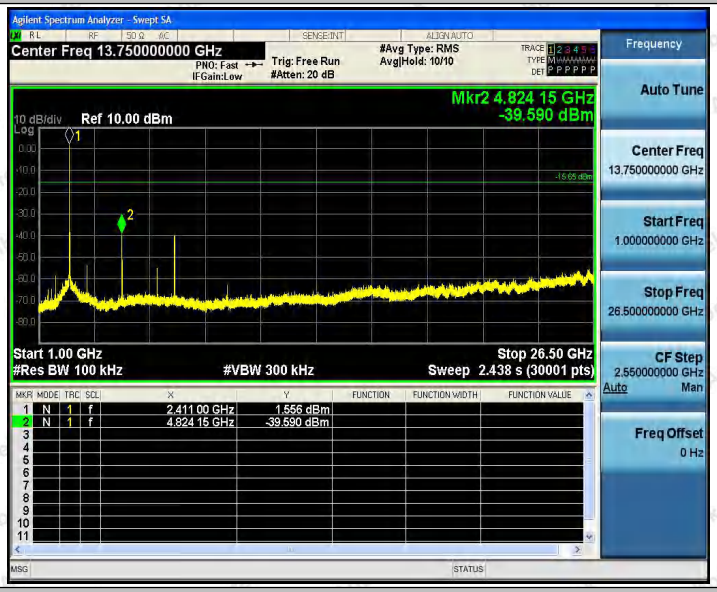


11B_Ant2_2412_0~Reference

11B_Ant2_2412_30~1000

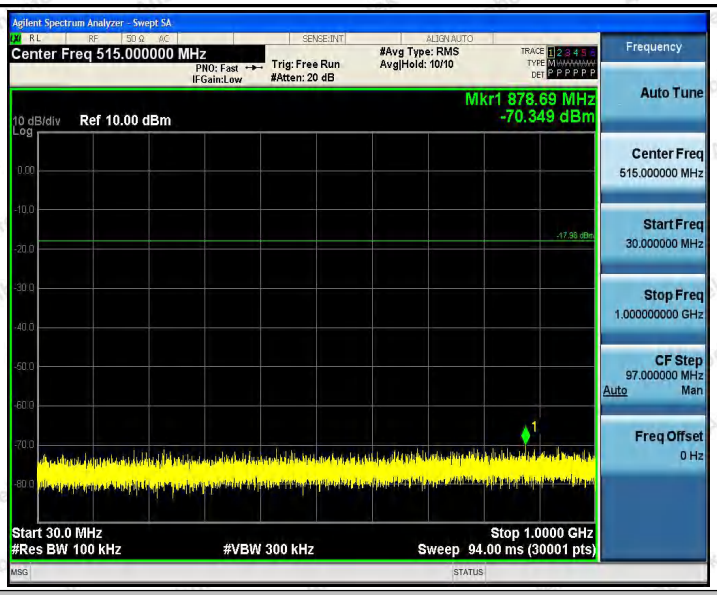


11B_Ant2_2412_1000~26500

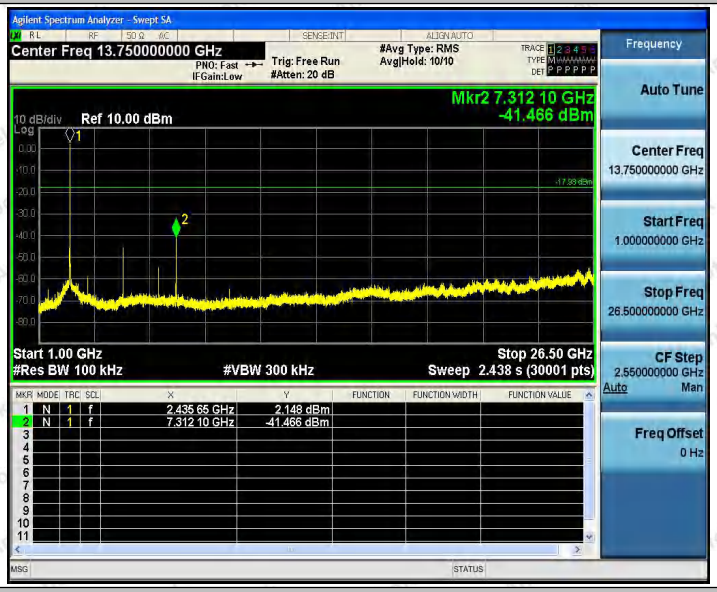


11B_Ant1_2437_0~Reference

11B_Ant1_2437_30~1000

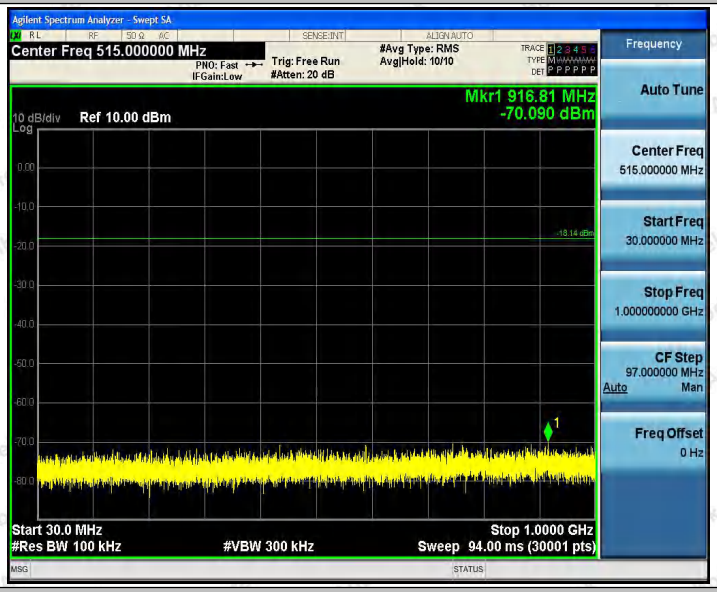


11B_Ant1_2437_1000~26500

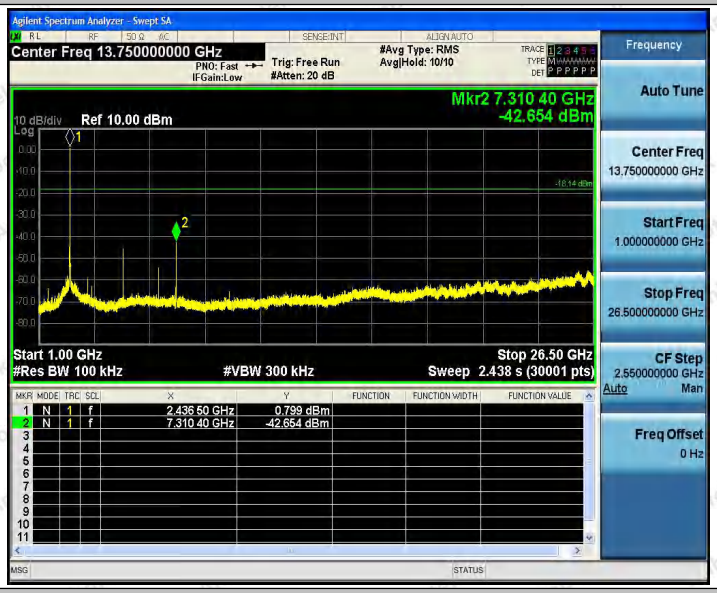


11B_Ant2_2437_0~Reference

11B_Ant2_2437_30~1000

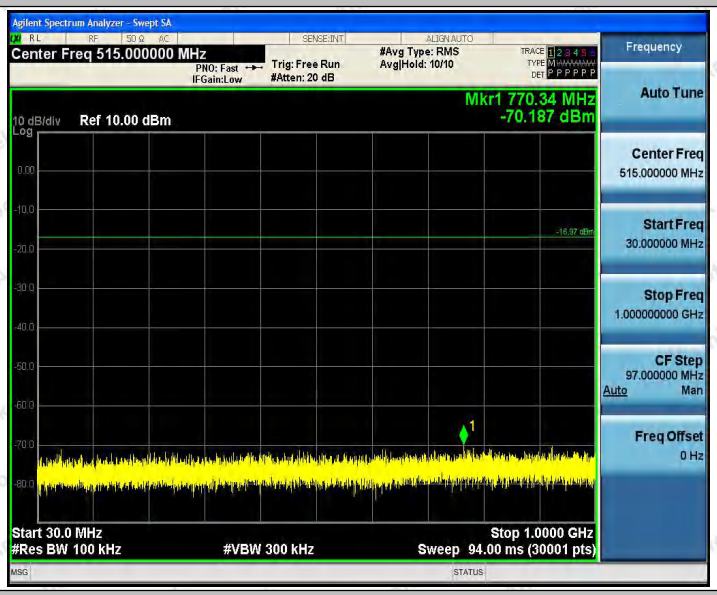


11B_Ant2_2437_1000~26500

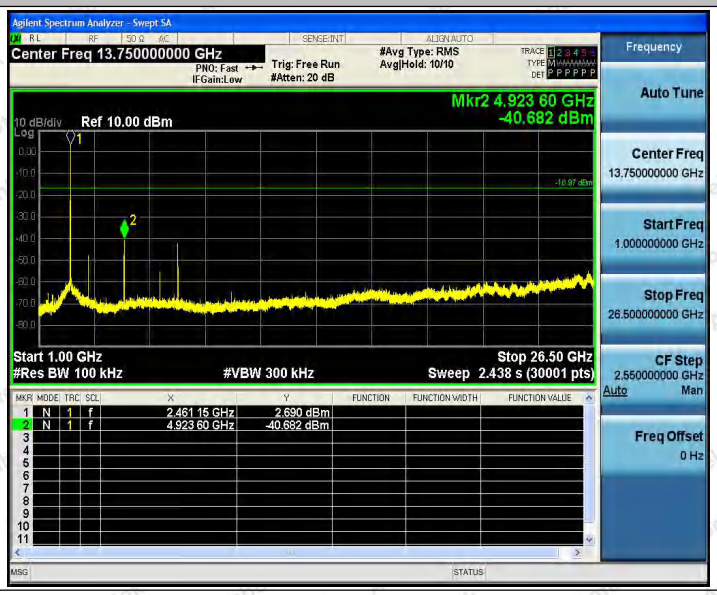


11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000

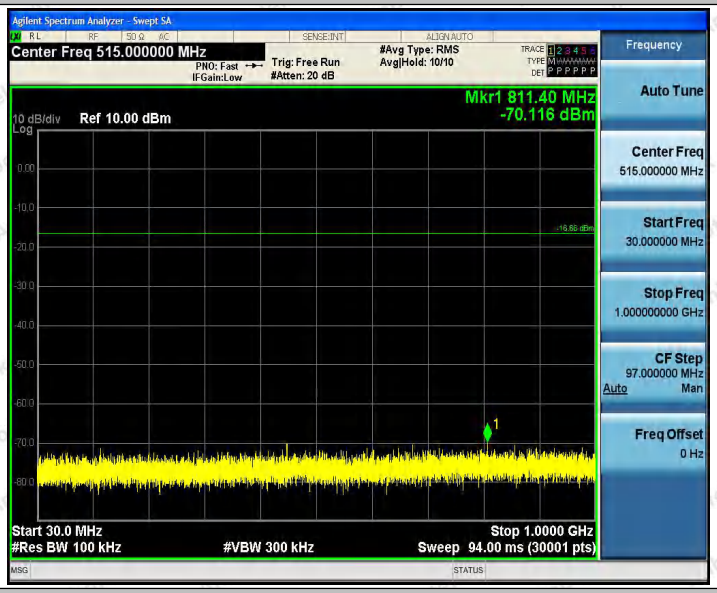


11B_Ant1_2462_1000~26500

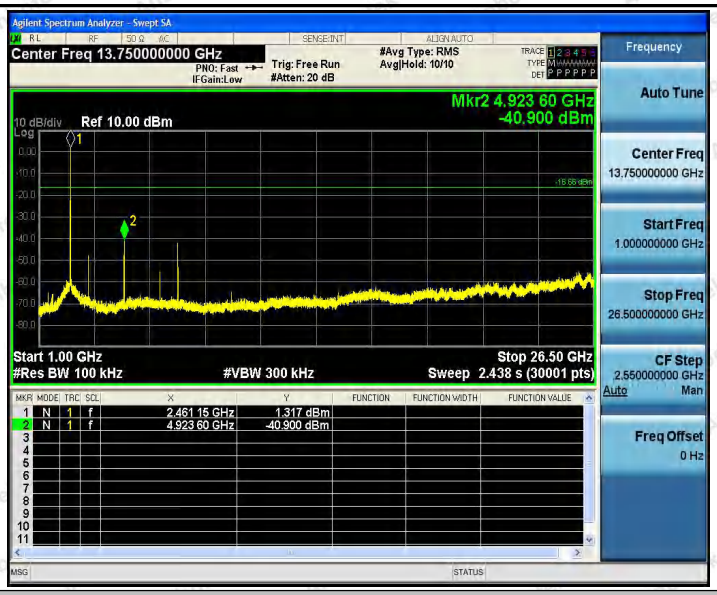


11B_Ant2_2462_0~Reference

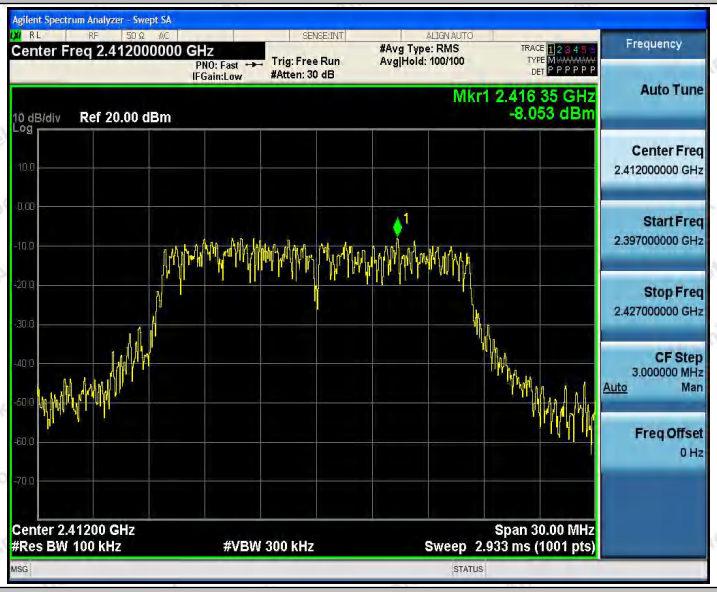
11B_Ant2_2462_30~1000



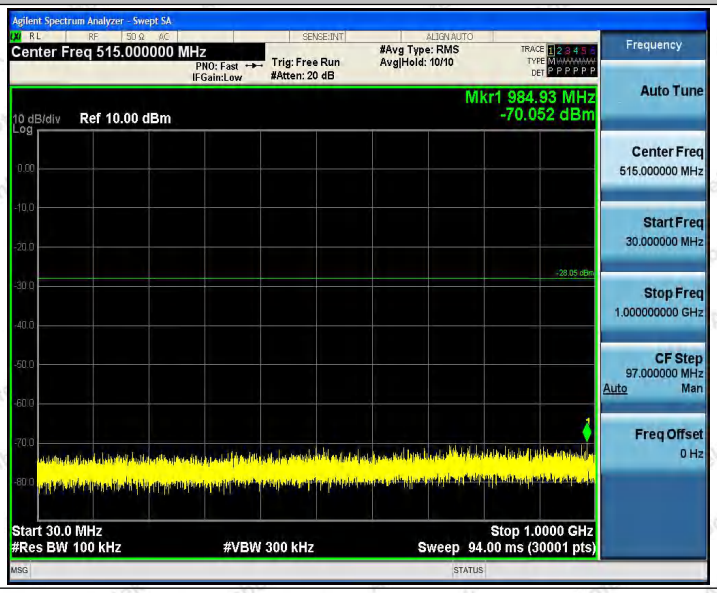
11B_Ant2_2462_1000~26500



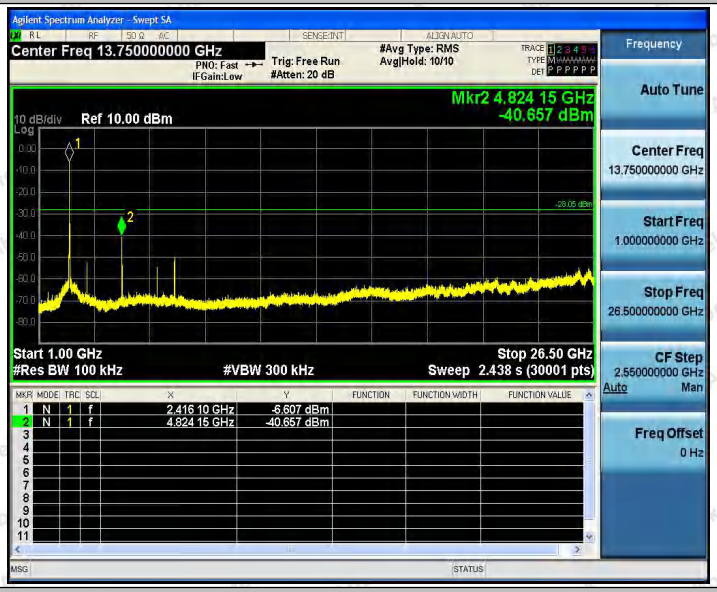
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000

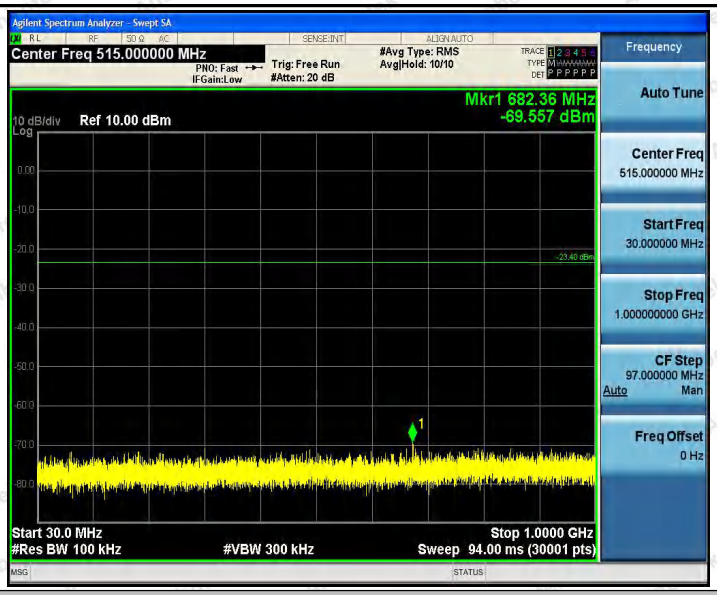


11G_Ant1_2412_1000~26500

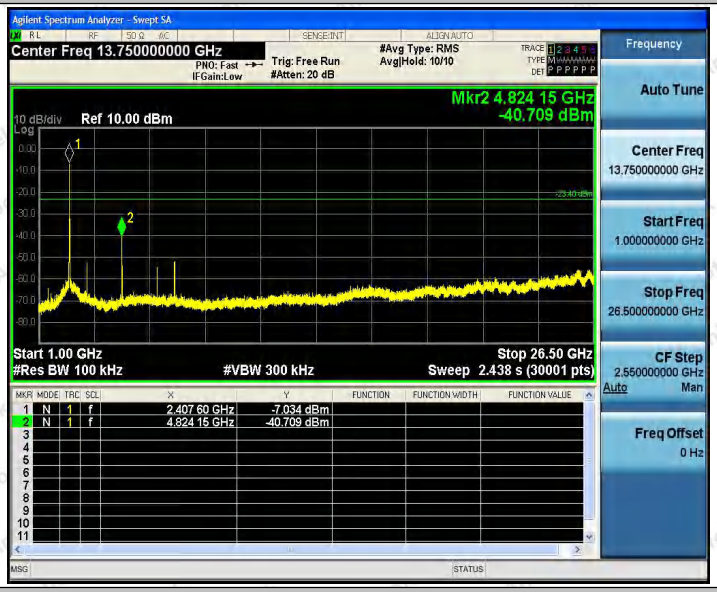


11G_Ant2_2412_0~Reference

11G_Ant2_2412_30~1000

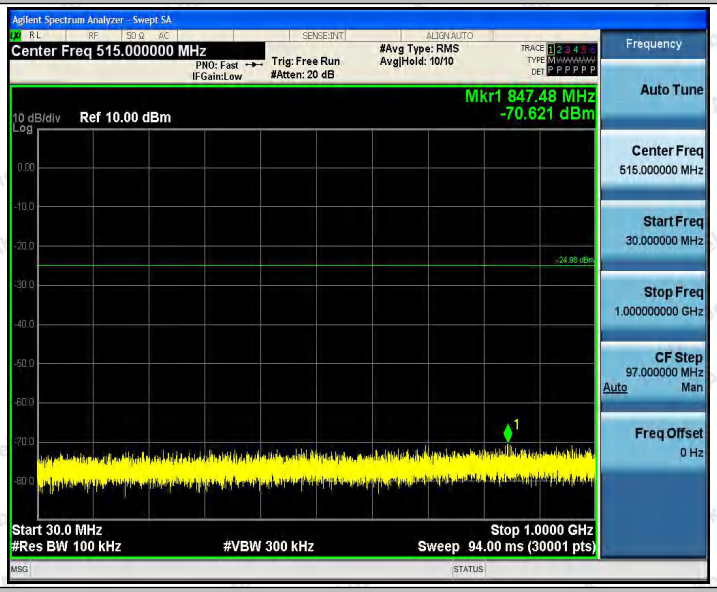


11G_Ant2_2412_1000~26500

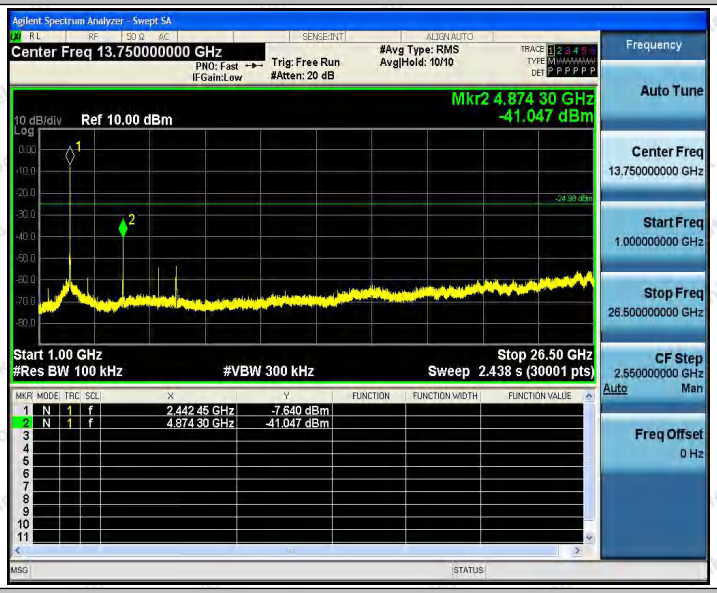


11G_Ant1_2437_0~Reference

11G_Ant1_2437_30~1000

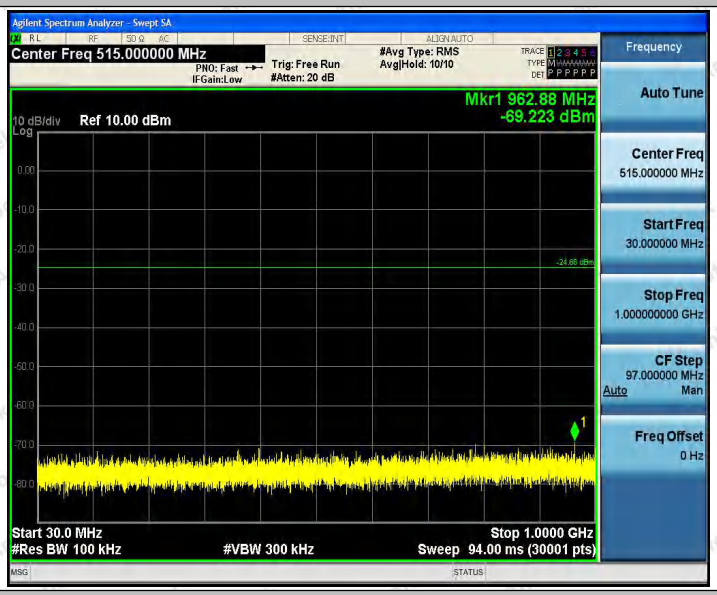


11G_Ant1_2437_1000~26500

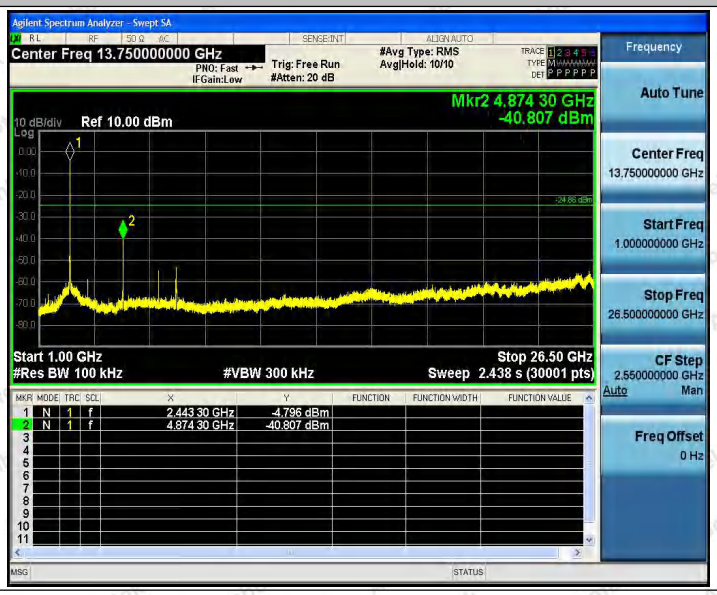


11G_Ant2_2437_0~Reference

11G_Ant2_2437_30~1000

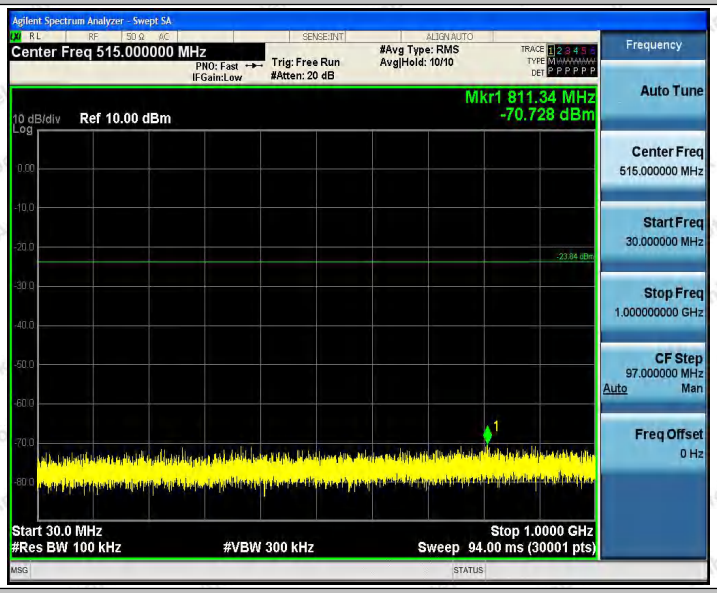


11G_Ant2_2437_1000~26500

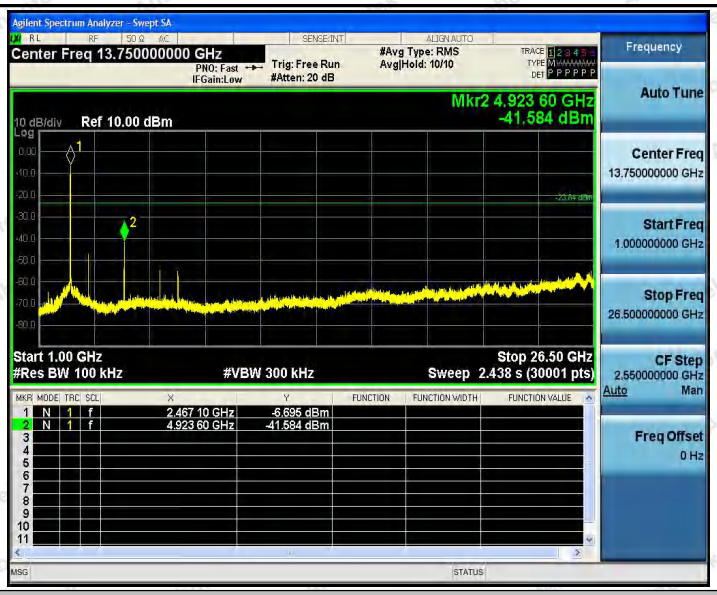


11G_Ant1_2462_0~Reference

11G_Ant1_2462_30~1000

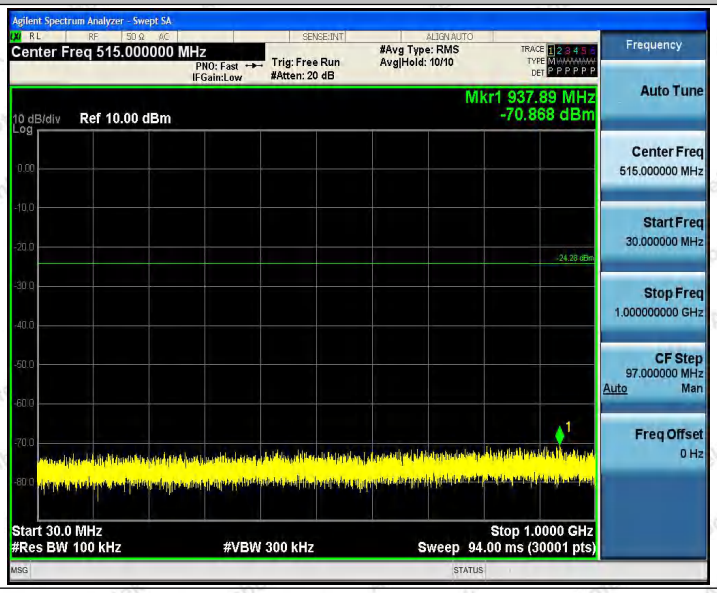


11G_Ant1_2462_1000~26500

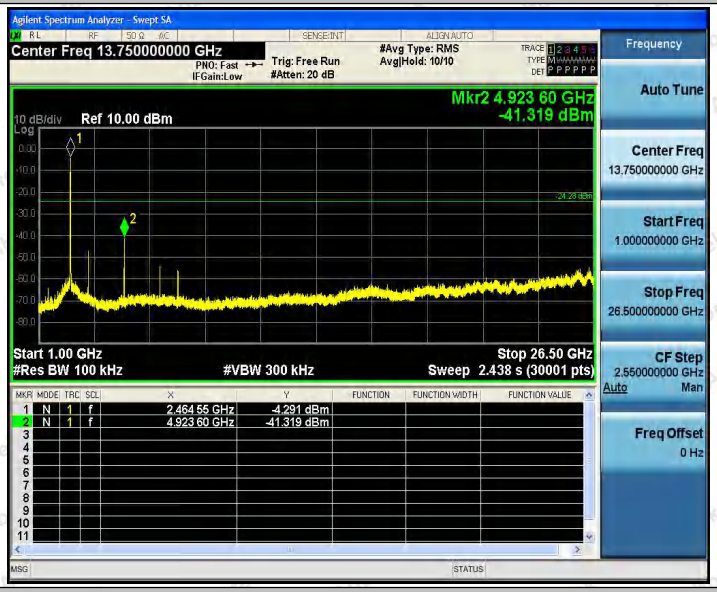


11G_Ant2_2462_0~Reference

11G_Ant2_2462_30~1000

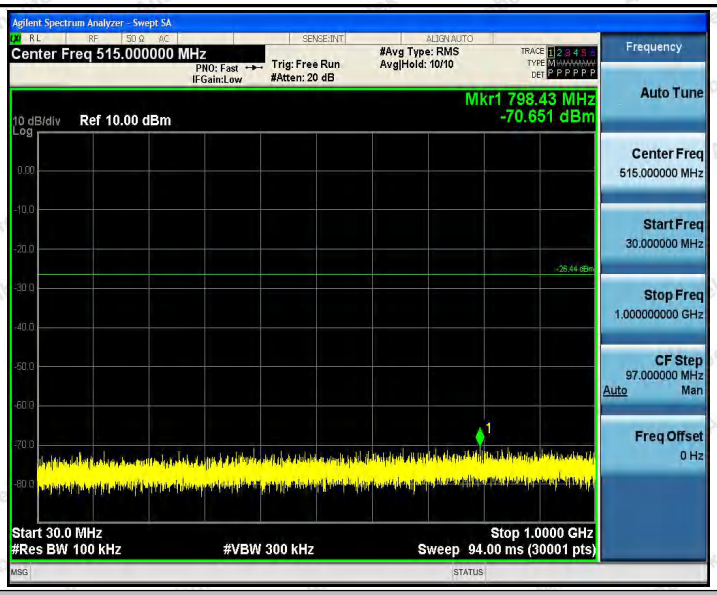


11G_Ant2_2462_1000~26500

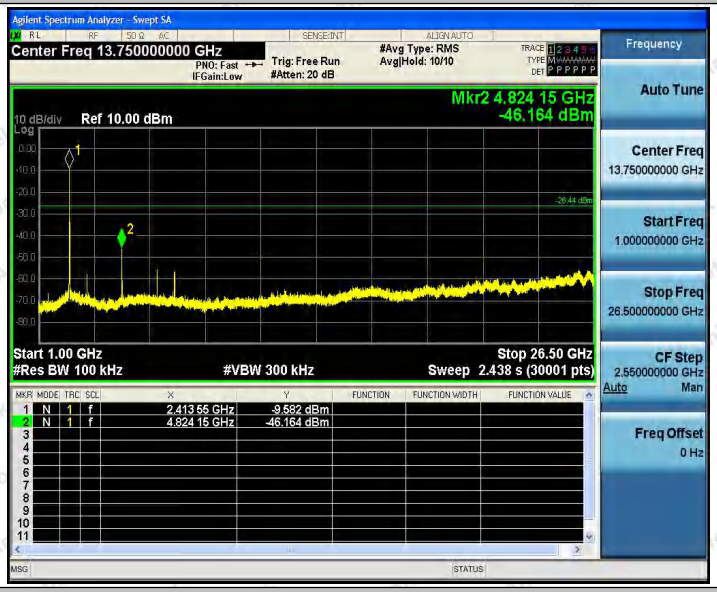


11N20_Ant1_2412_0~Reference

11N20_Ant1_2412_30~1000

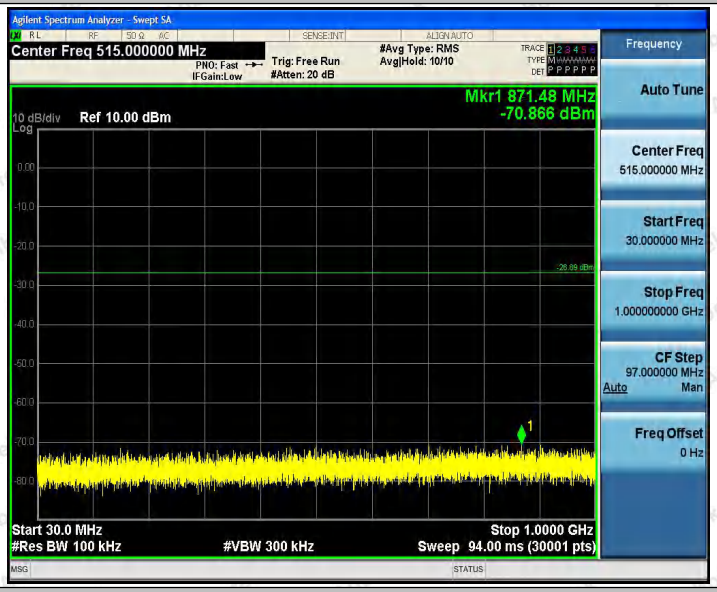


11N20_Ant1_2412_1000~26500

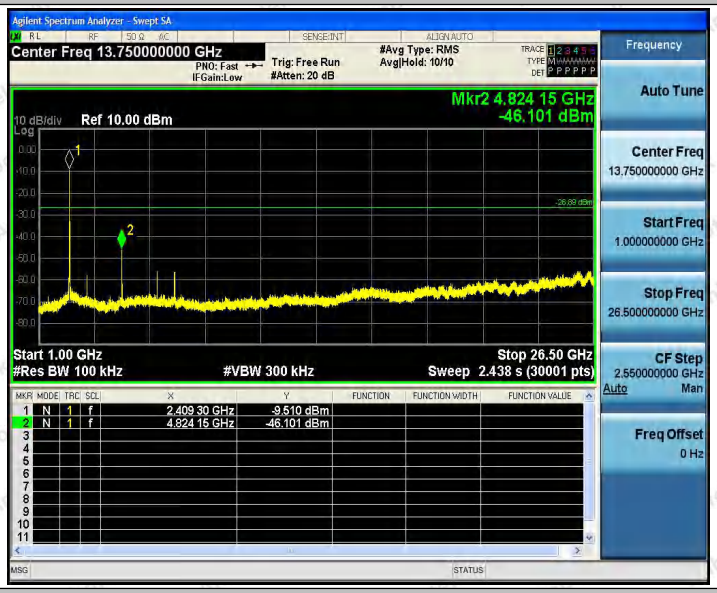


11N20_Ant2_2412_0~Reference

11N20_Ant2_2412_30~1000

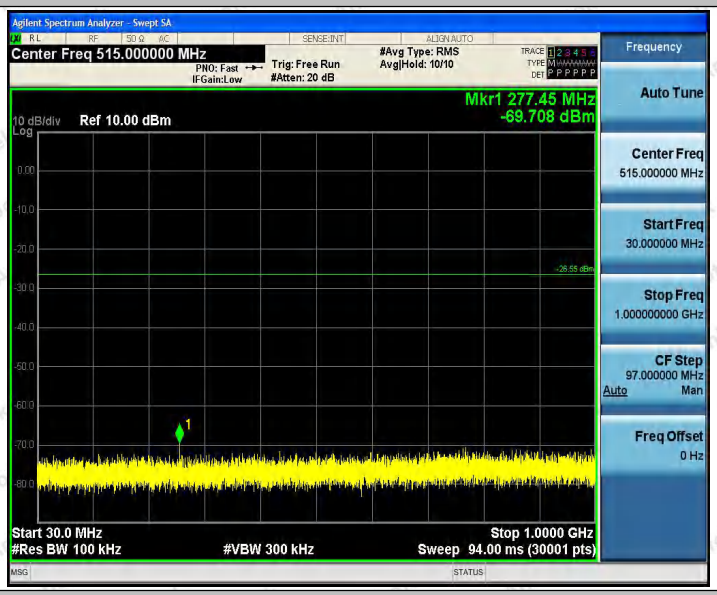


11N20_Ant2_2412_1000~26500

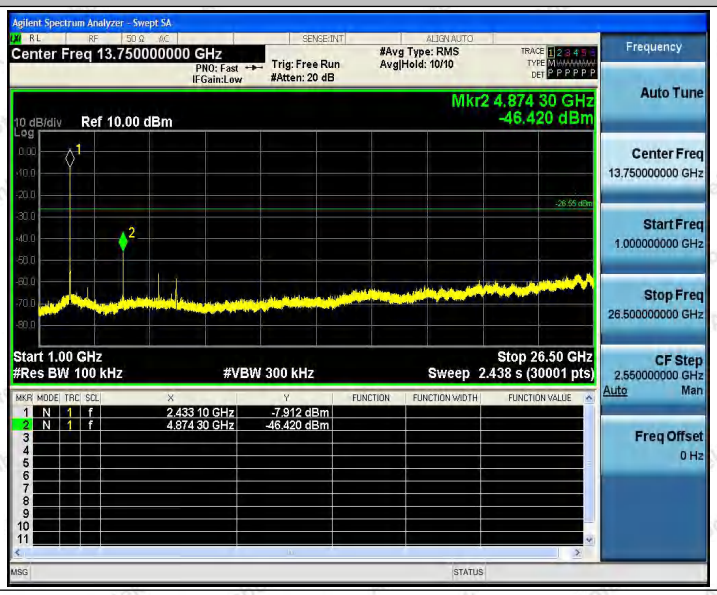


11N20_Ant1_2437_0~Reference

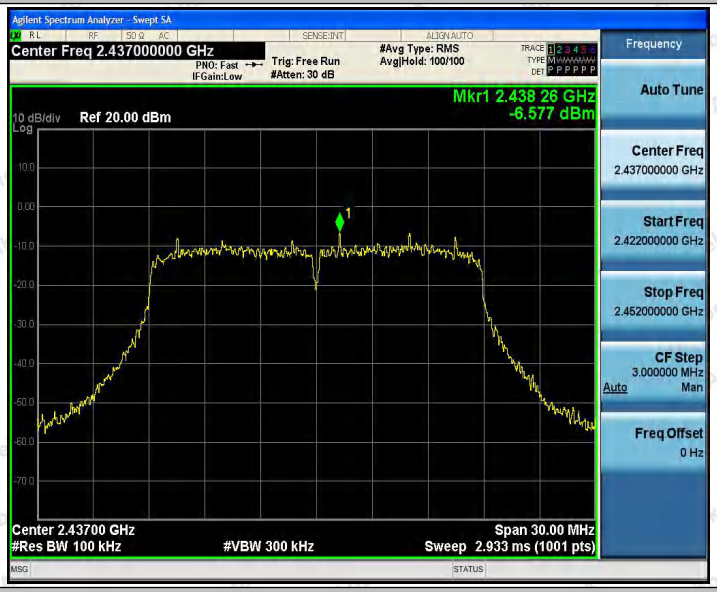
11N20_Ant1_2437_30~1000



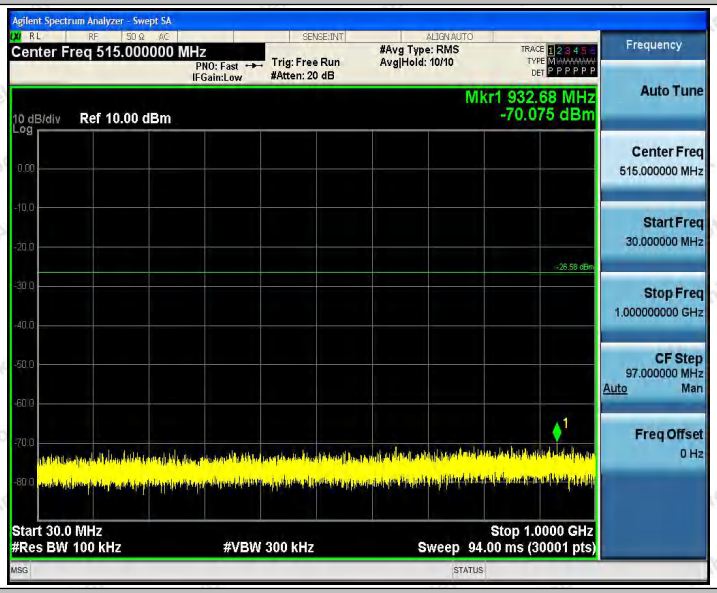
11N20_Ant1_2437_1000~26500



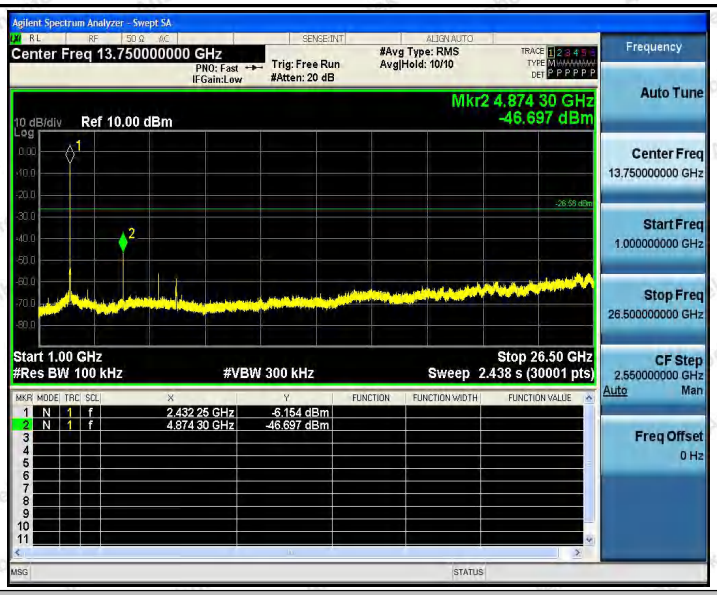
11N20_Ant2_2437_0~Reference



11N20_Ant2_2437_30~1000

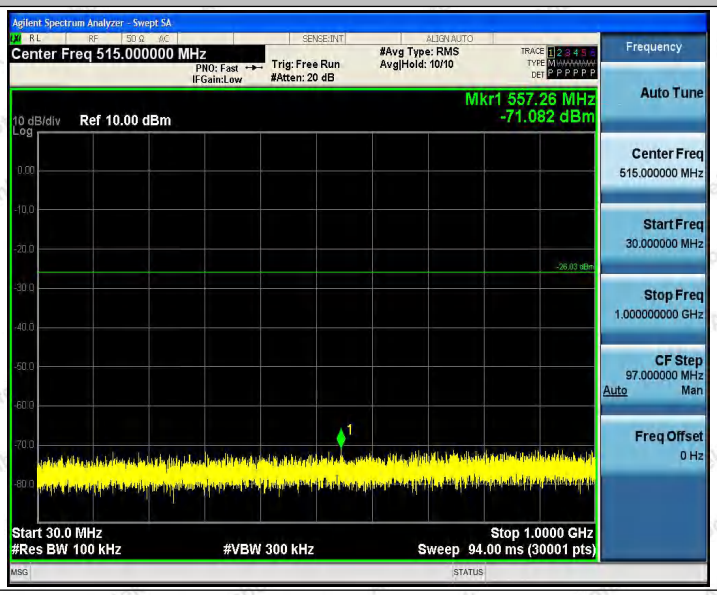


11N20_Ant2_2437_1000~26500

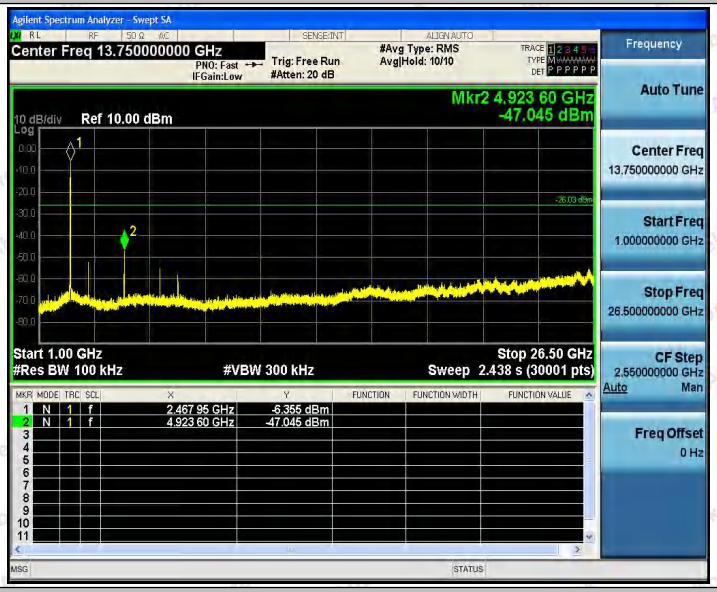


11N20_Ant1_2462_0~Reference

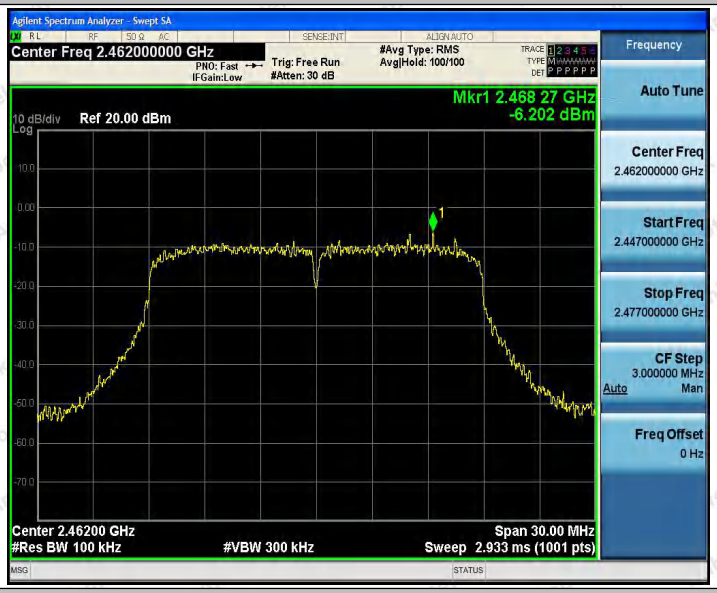
11N20_Ant1_2462_30~1000



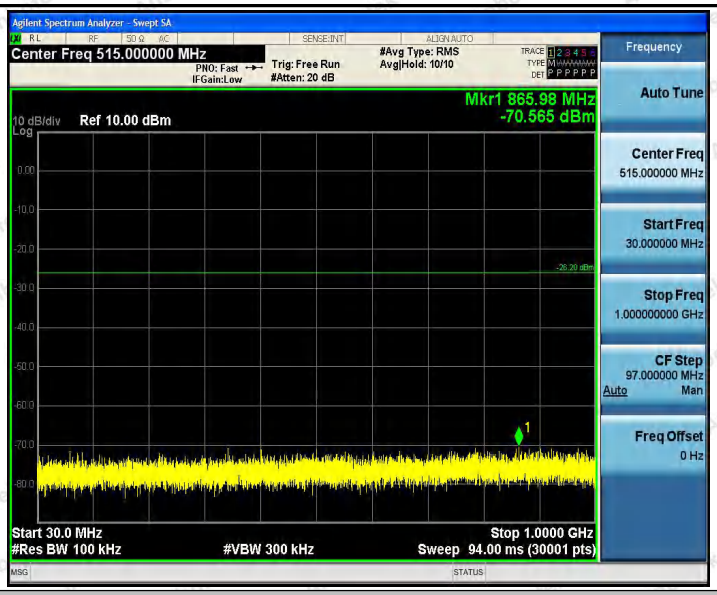
11N20_Ant1_2462_1000~26500



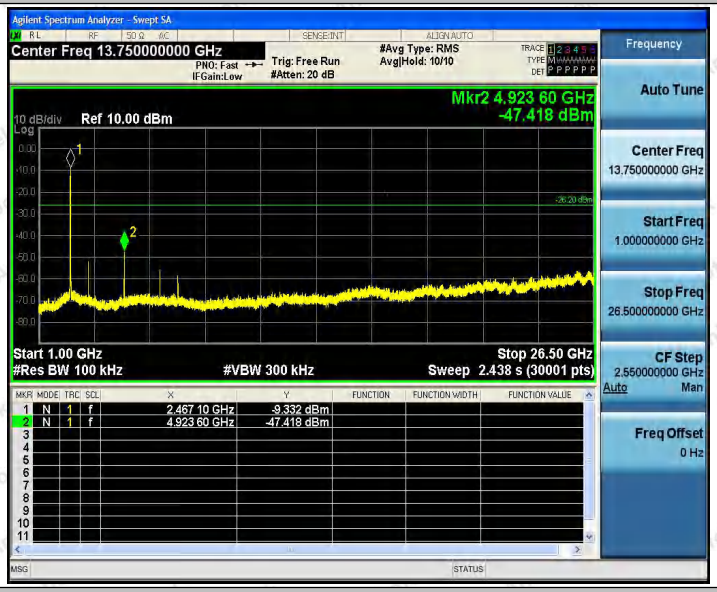
11N20_Ant2_2462_0~Reference



11N20_Ant2_2462_30~1000

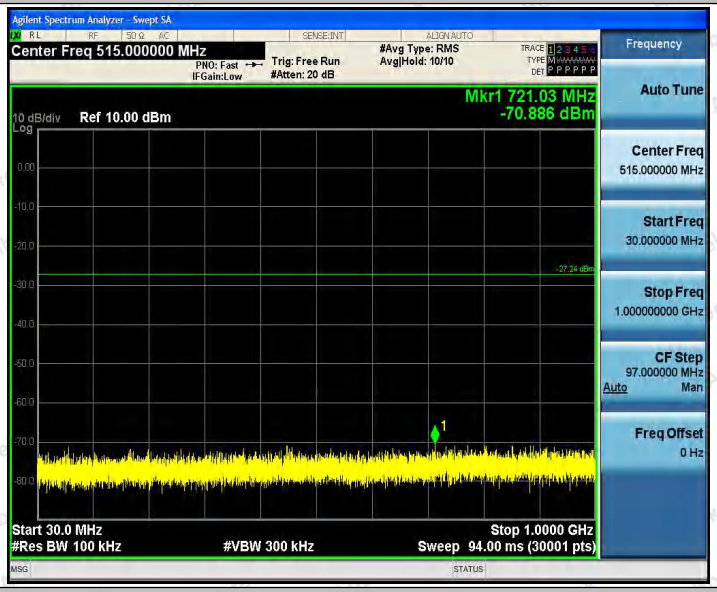


11N20_Ant2_2462_1000~26500

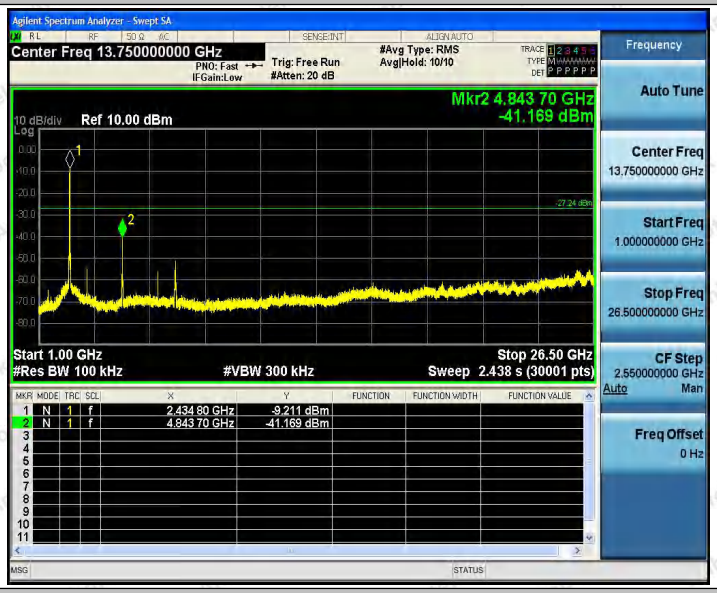


11N40_Ant1_2422_0~Reference

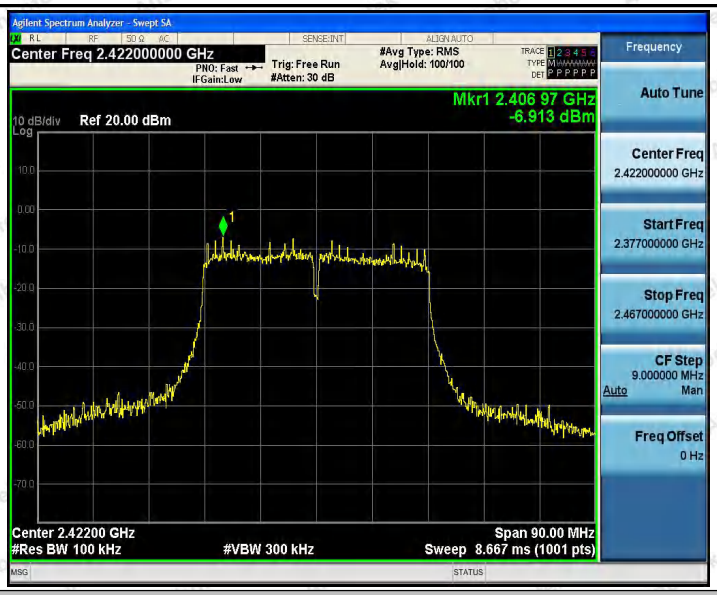
11N40_Ant1_2422_30~1000



11N40_Ant1_2422_1000~26500



11N40_Ant2_2422_0~Reference



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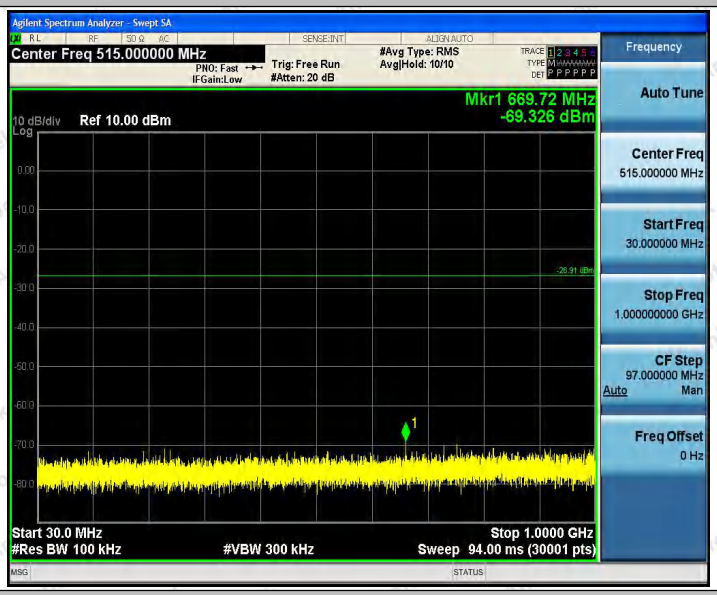
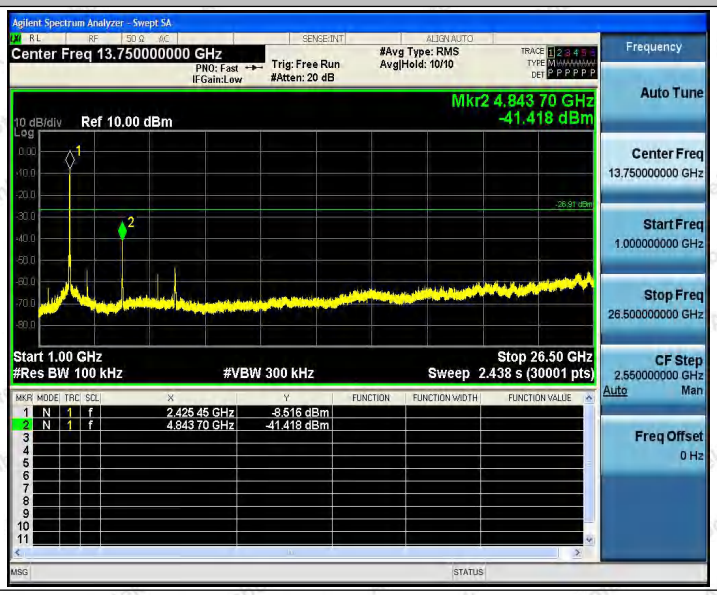
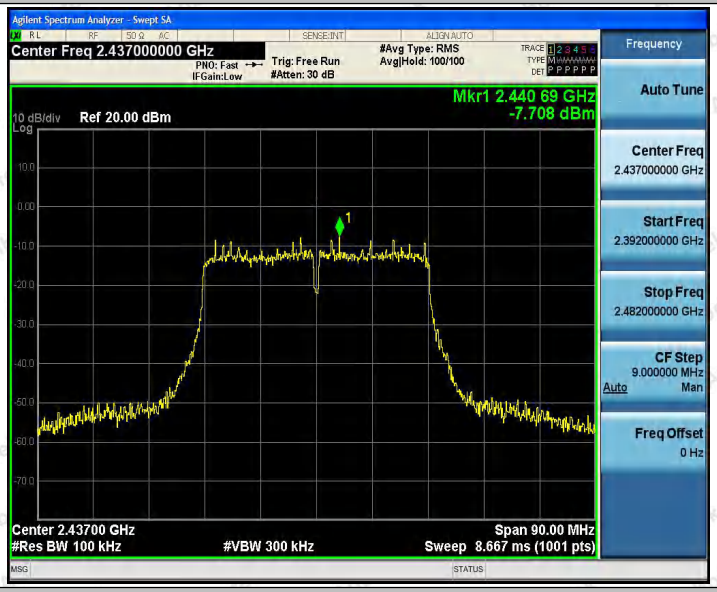


11N40_Ant2_2422_1000~26500



11N40_Ant1_2437_0~Reference



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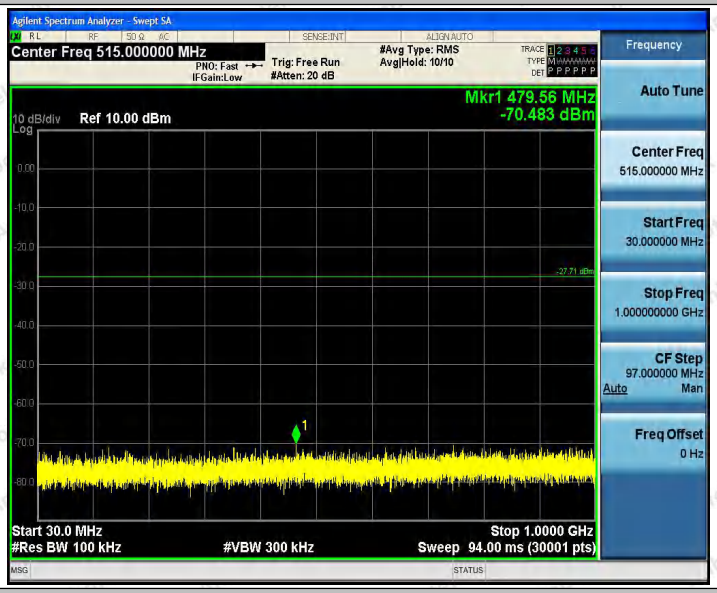
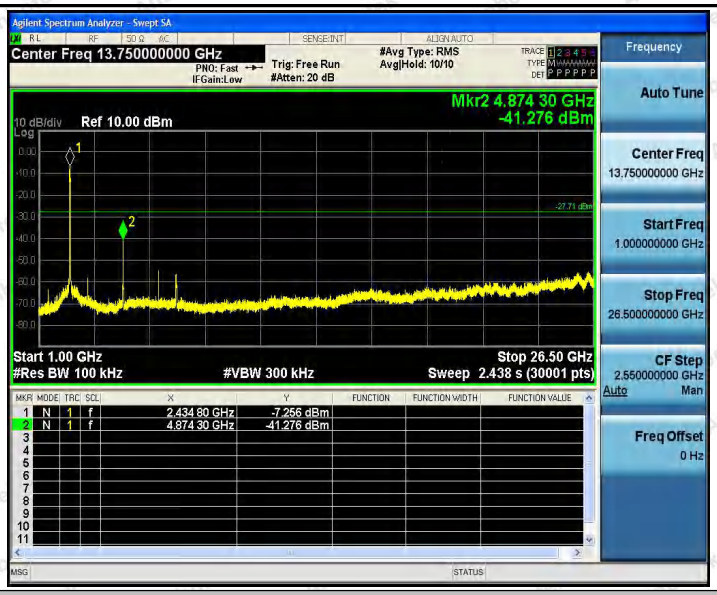


11N40_Ant1_2437_1000~26500



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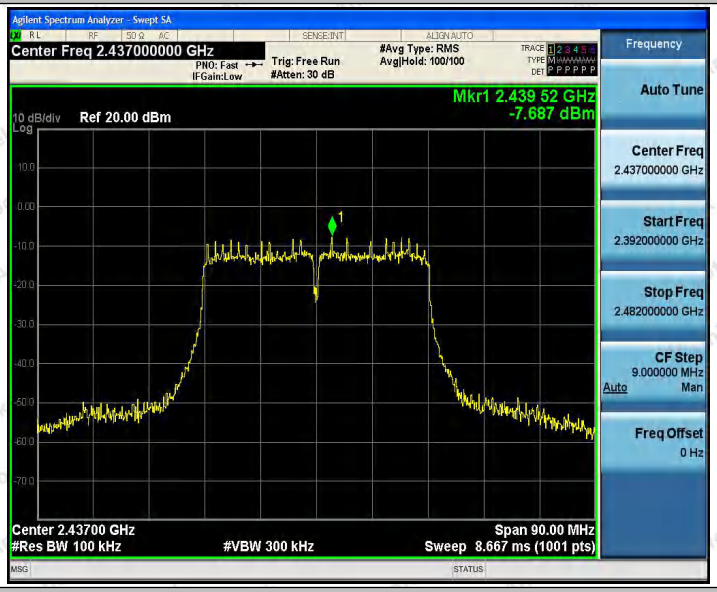

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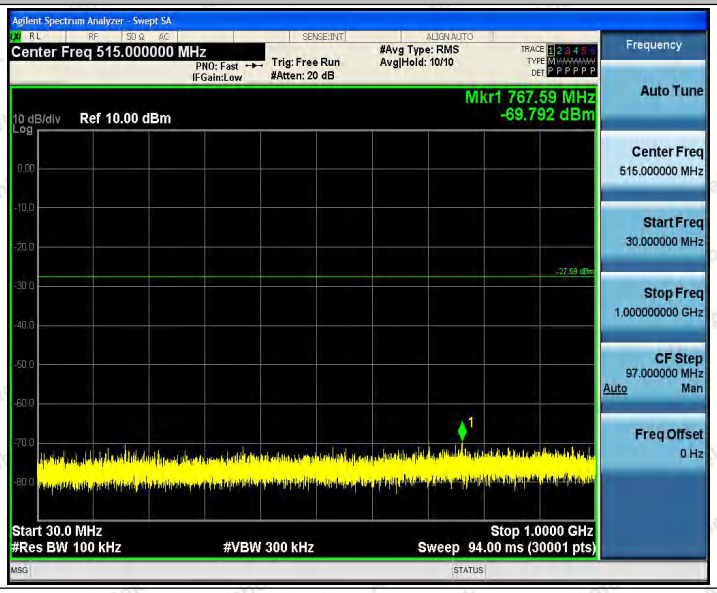
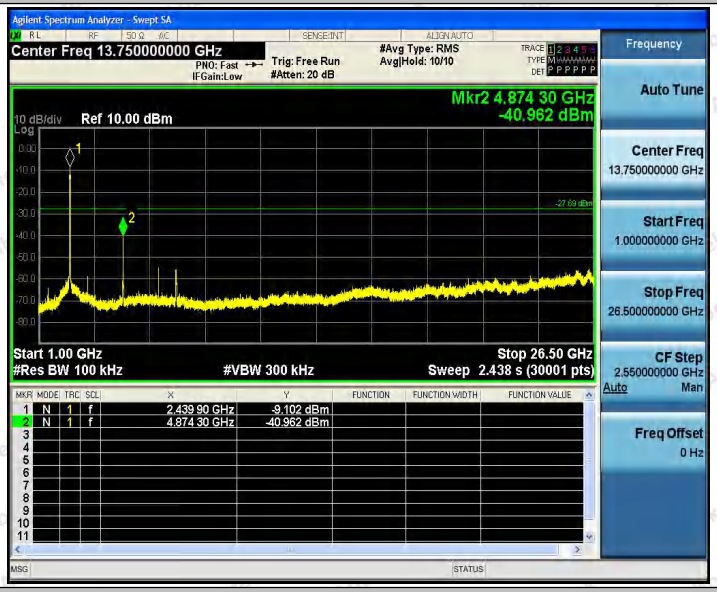
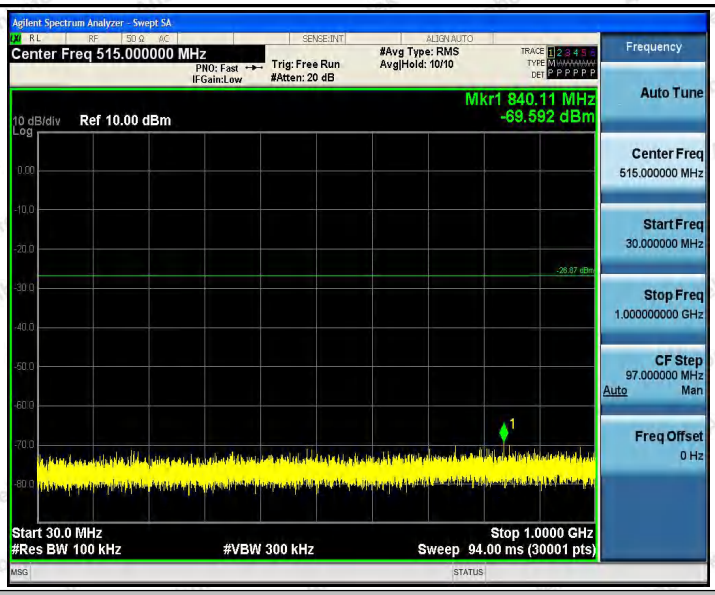


11N40_Ant2_2437_1000~26500



11N40_Ant1_2452_0~Reference

11N40_Ant1_2452_30~1000



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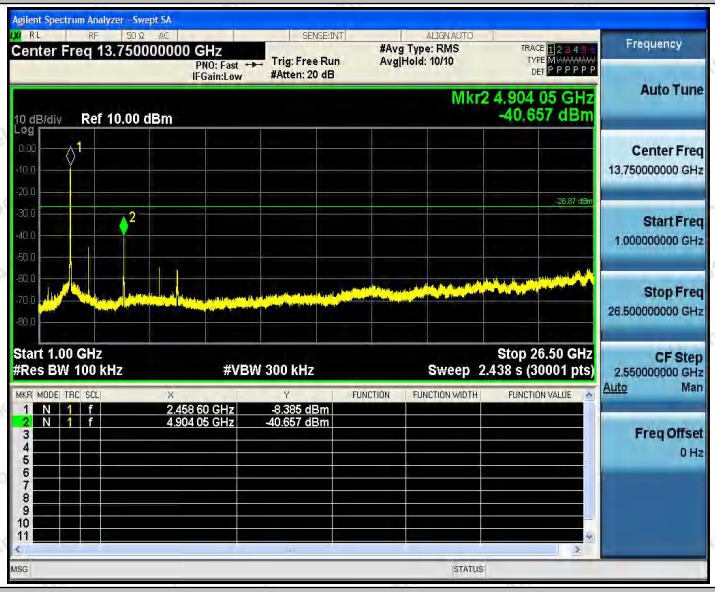
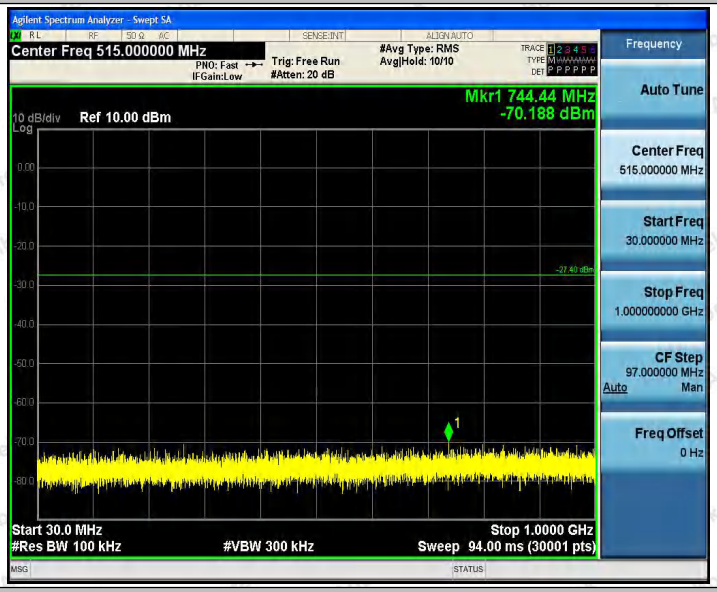
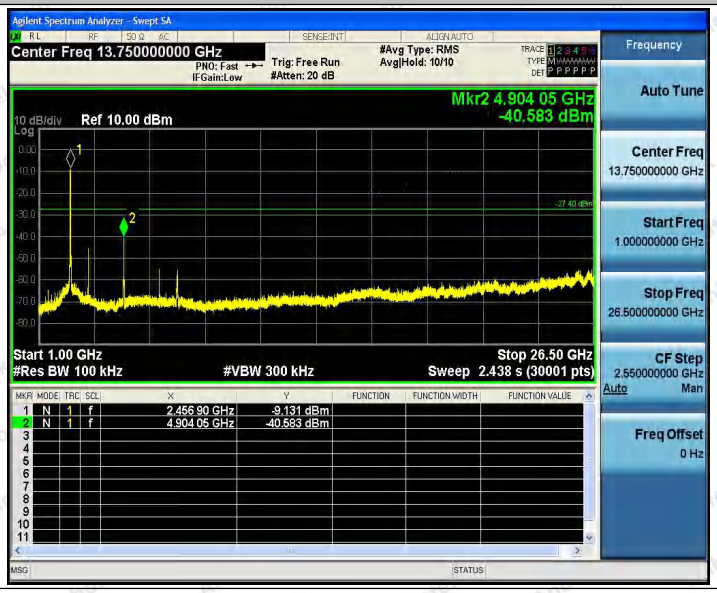


11N40_Ant2_2452_0~Reference

11N40_Ant2_2452_30~1000



11N40_Ant2_2452_1000~26500



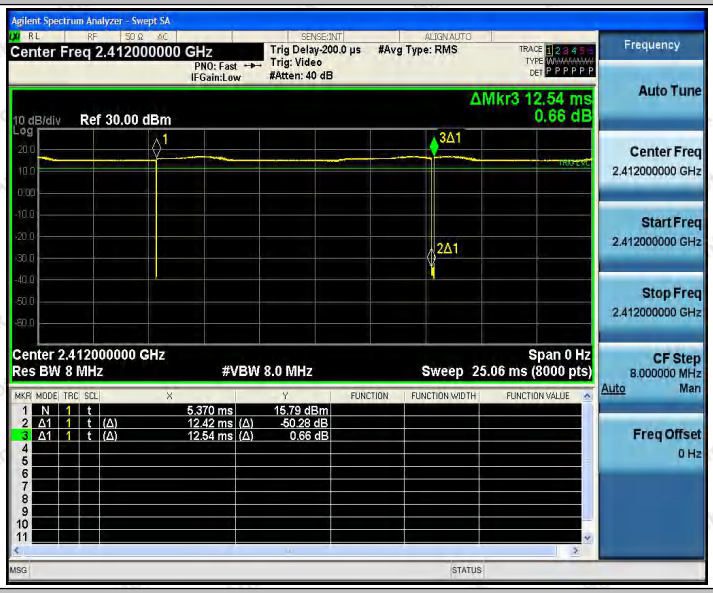
Appendix G: Duty Cycle

Test Result

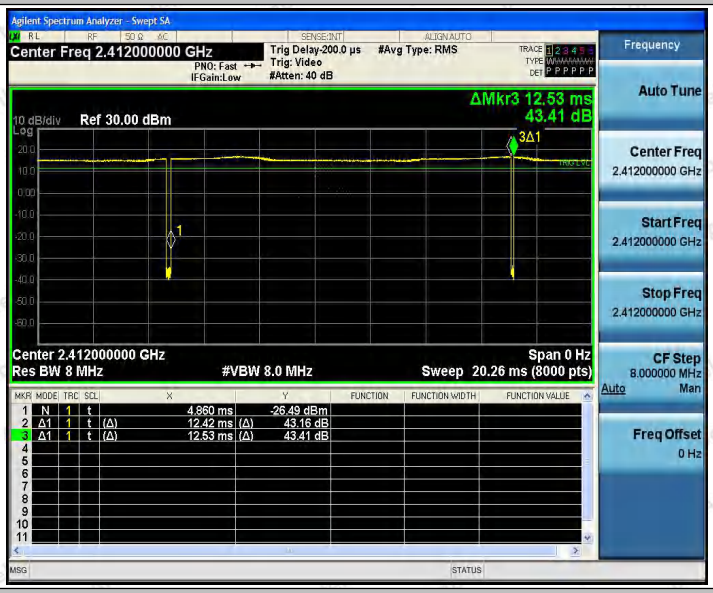
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	12.42	12.54	99.04	---	PASS
	Ant2	2412	12.42	12.53	99.12	---	PASS
	Ant1	2437	12.42	12.53	99.12	---	PASS
	Ant2	2437	12.41	12.55	98.88	---	PASS
	Ant1	2462	12.42	12.47	99.60	---	PASS
	Ant2	2462	12.41	12.51	99.20	---	PASS
11G	Ant1	2412	2.06	2.23	92.38	---	PASS
	Ant2	2412	2.07	2.23	92.83	---	PASS
	Ant1	2437	2.07	2.23	92.83	---	PASS
	Ant2	2437	2.06	2.23	92.38	---	PASS
	Ant1	2462	2.07	2.23	92.83	---	PASS
	Ant2	2462	2.07	2.24	92.41	---	PASS
11N20	Ant1	2412	1.92	2.04	94.12	---	PASS
	Ant2	2412	1.92	2.09	91.87	---	PASS
	Ant1	2437	1.92	2.09	91.87	---	PASS
	Ant2	2437	1.92	2.07	92.75	---	PASS
	Ant1	2462	1.92	2.06	93.20	---	PASS
	Ant2	2462	1.92	2.09	91.87	---	PASS
11N40	Ant1	2422	0.94	1.10	85.45	---	PASS
	Ant2	2422	0.94	1.12	83.93	---	PASS
	Ant1	2437	0.95	1.12	84.82	---	PASS
	Ant2	2437	0.94	1.10	85.45	---	PASS
	Ant1	2452	0.94	1.11	84.68	---	PASS
	Ant2	2452	0.95	1.12	84.82	---	PASS

Test Graphs

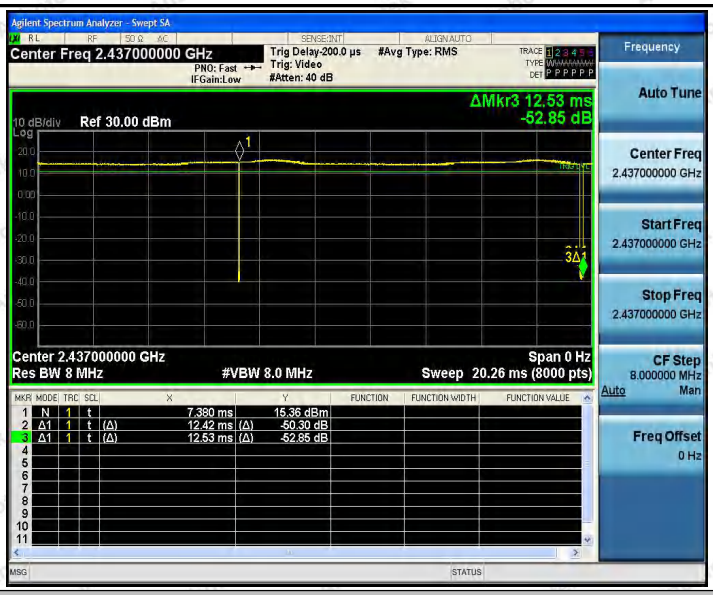
11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



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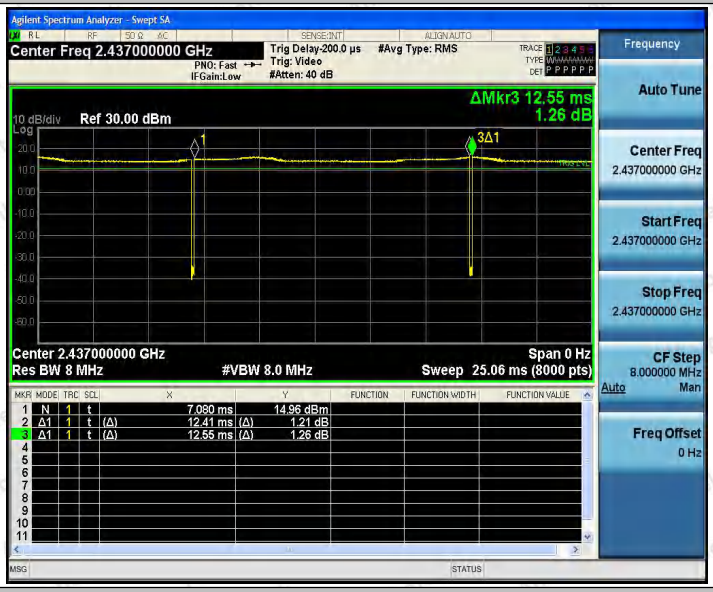
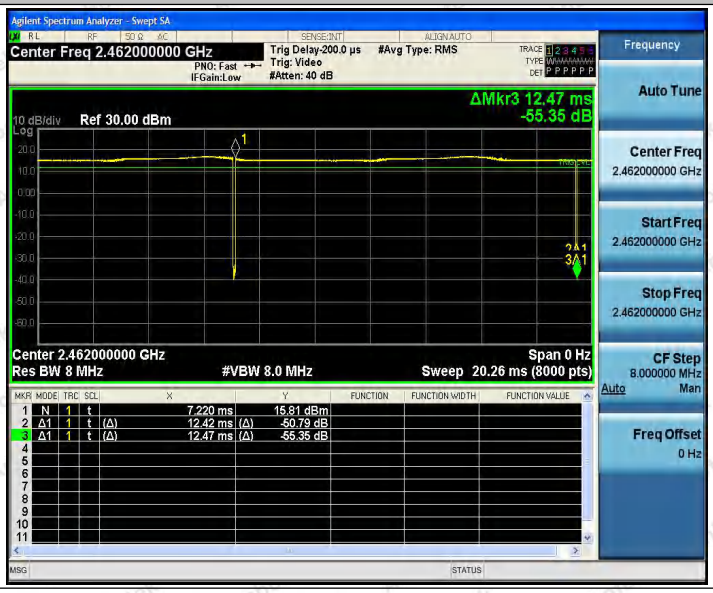


11B_Ant1_2462



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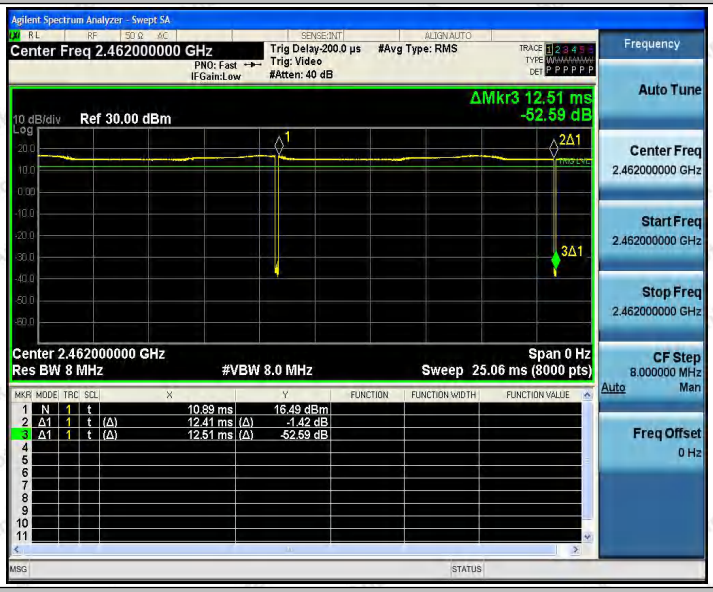
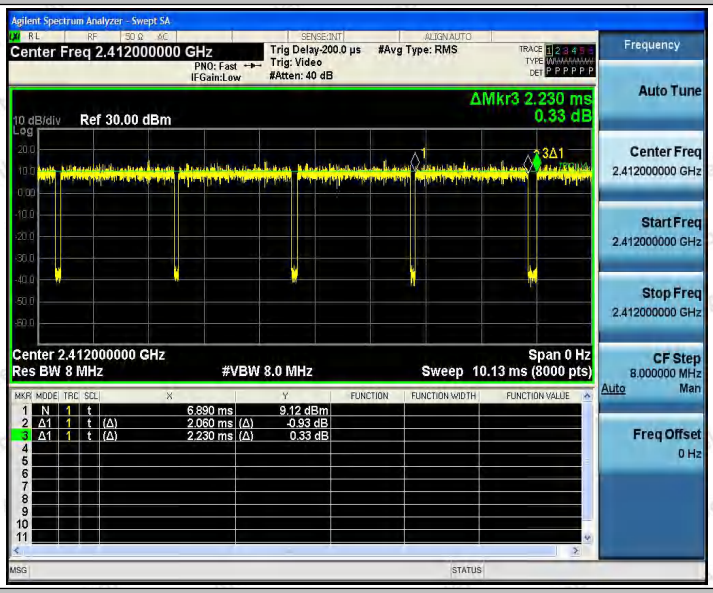
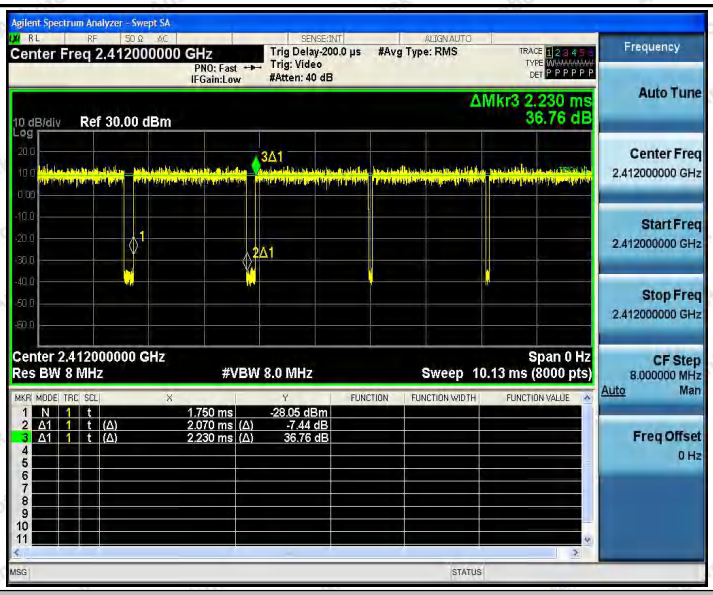


11G_Ant1_2412



11G_Ant2_2412



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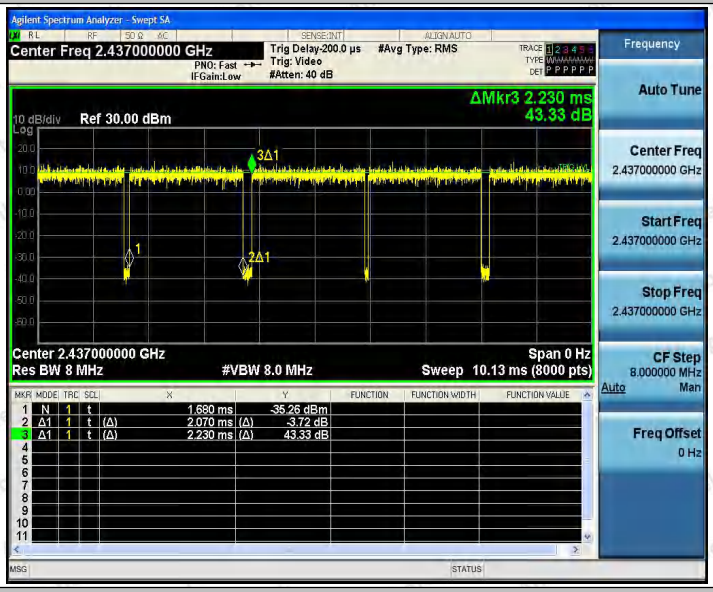

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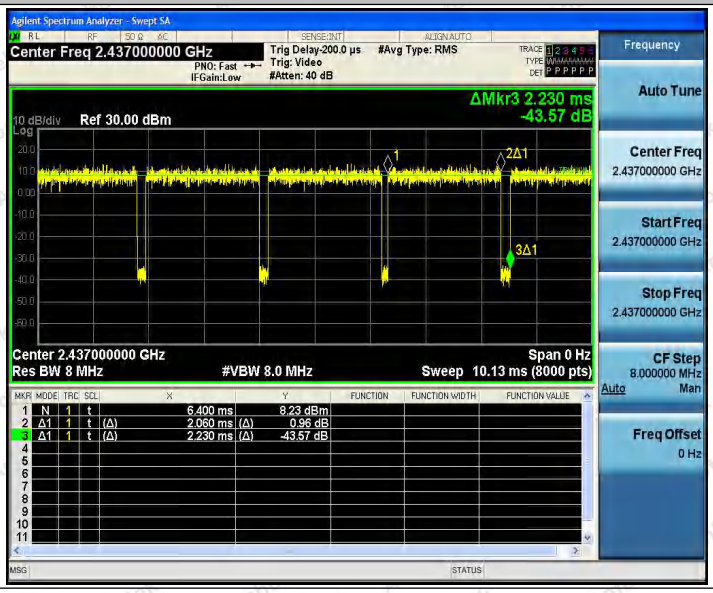

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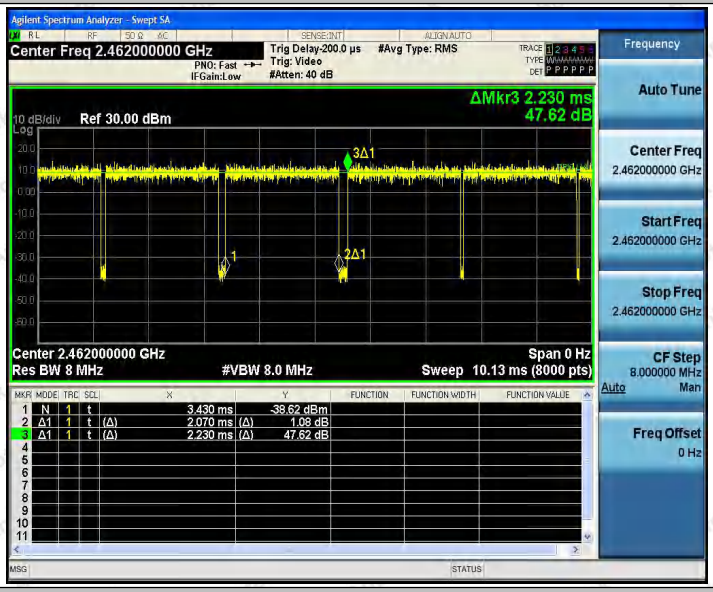

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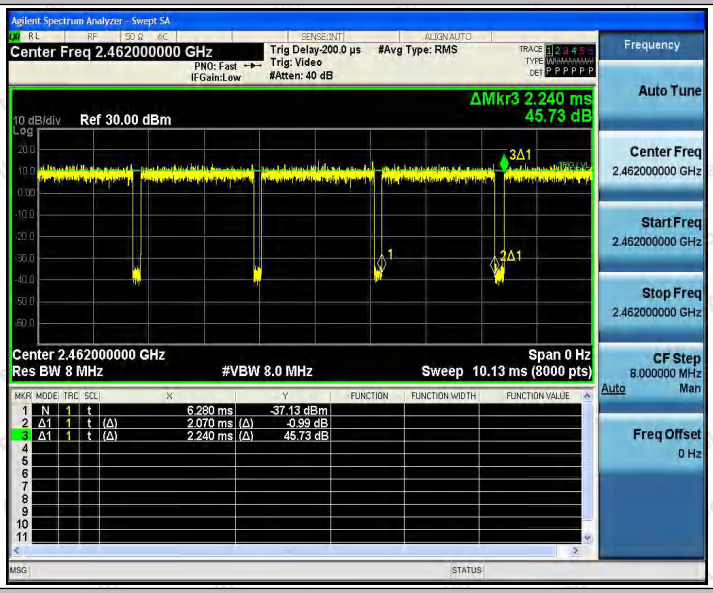

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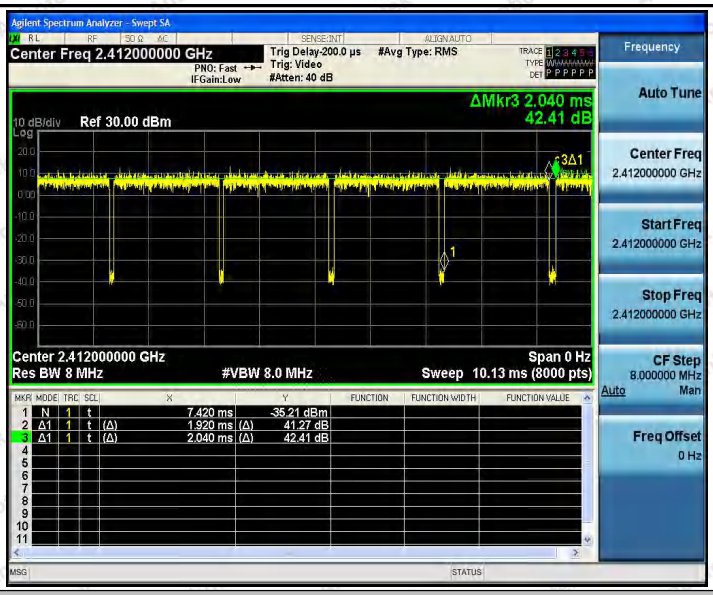
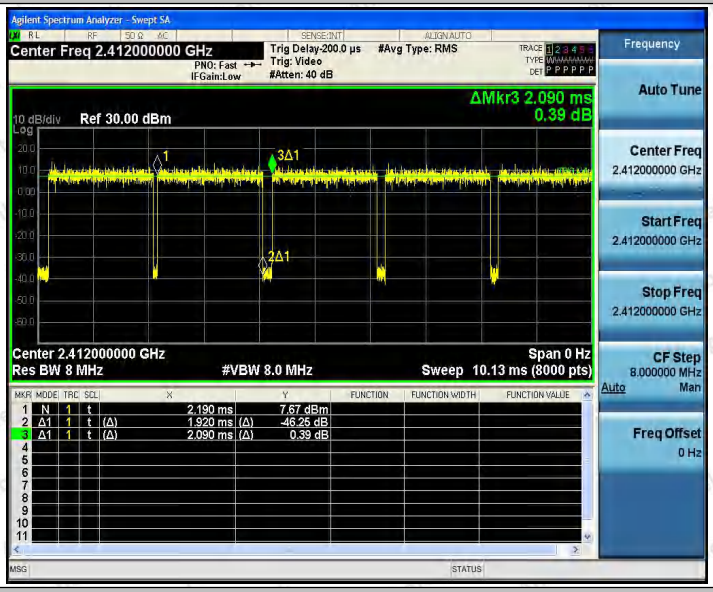


11N20_Ant2_2412



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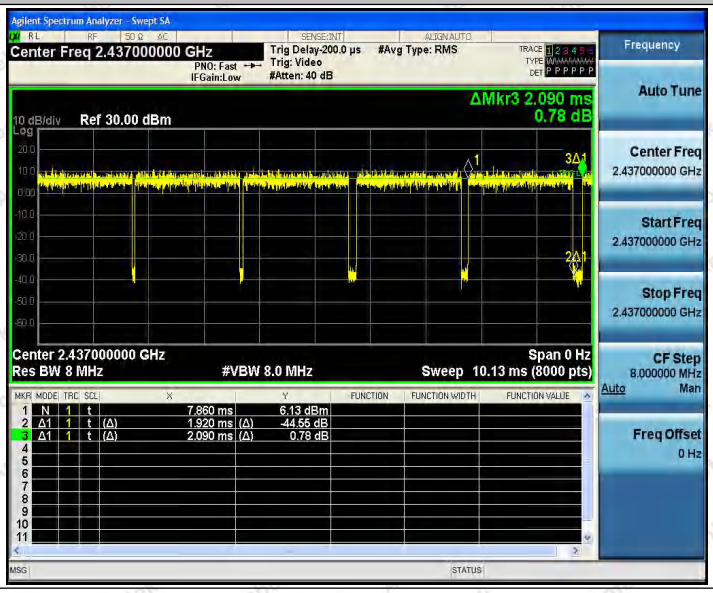

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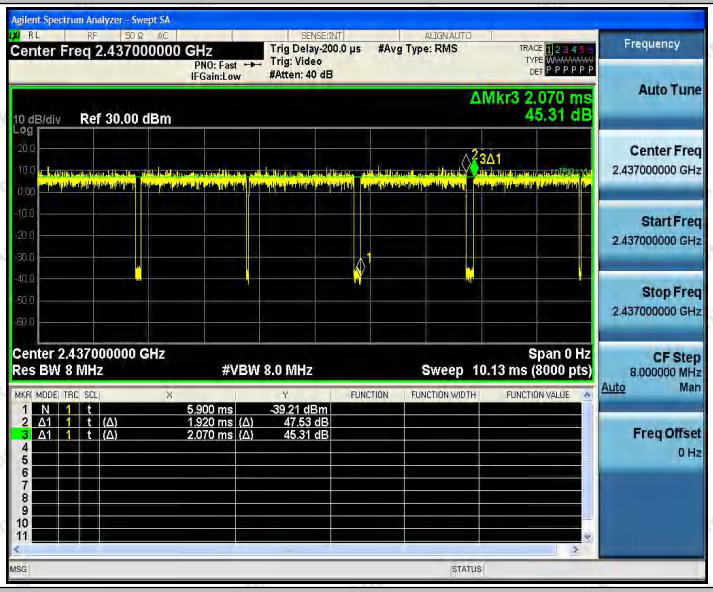

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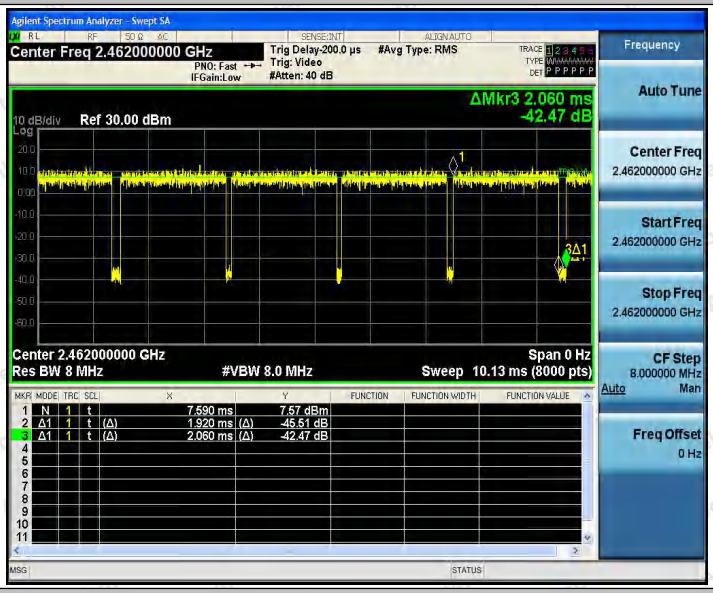

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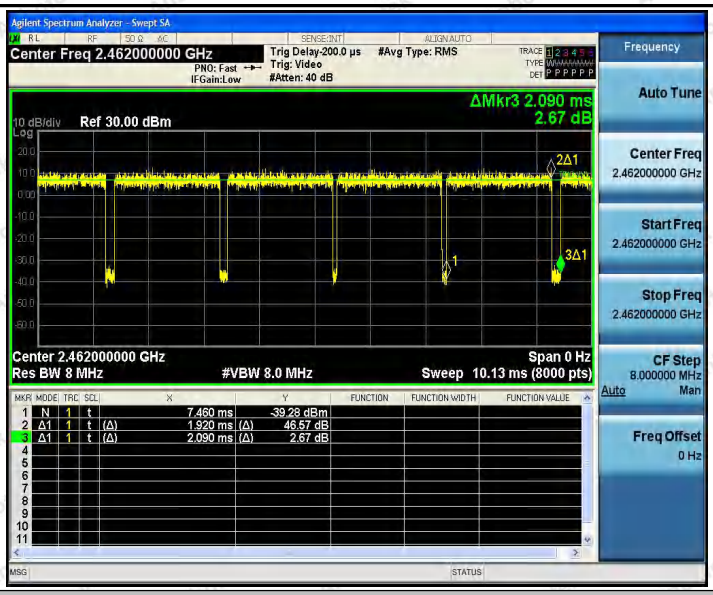
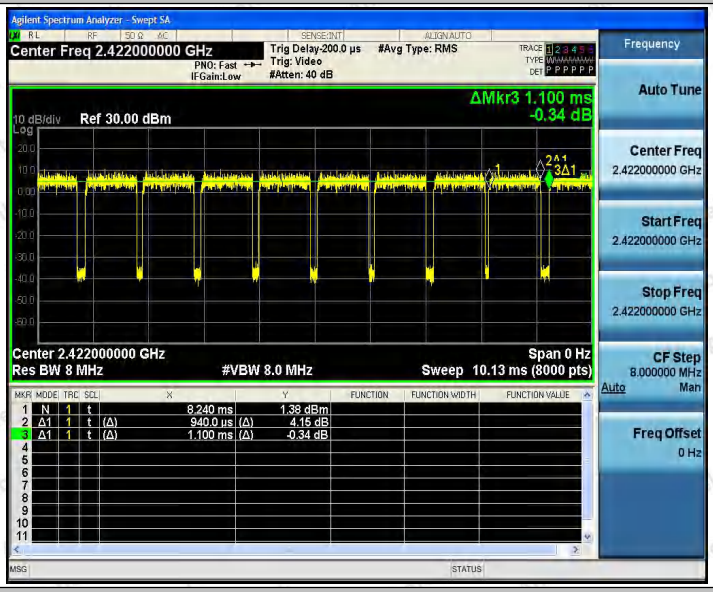


11N40_Ant1_2422



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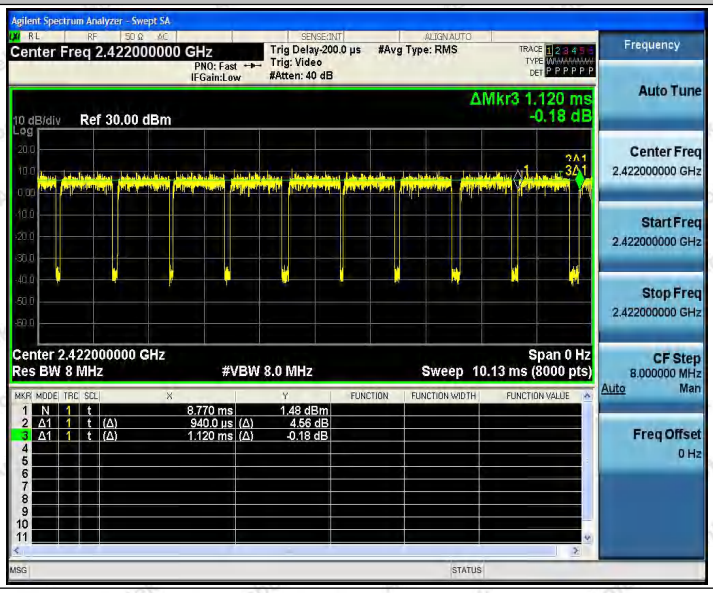

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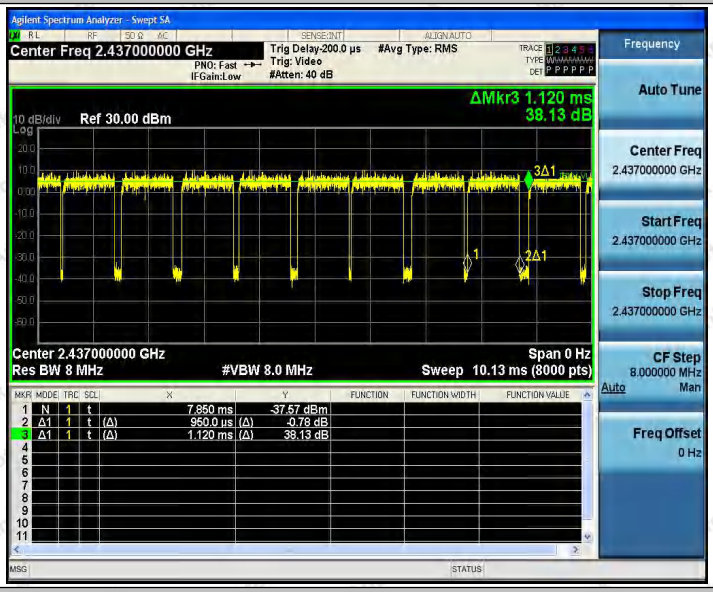

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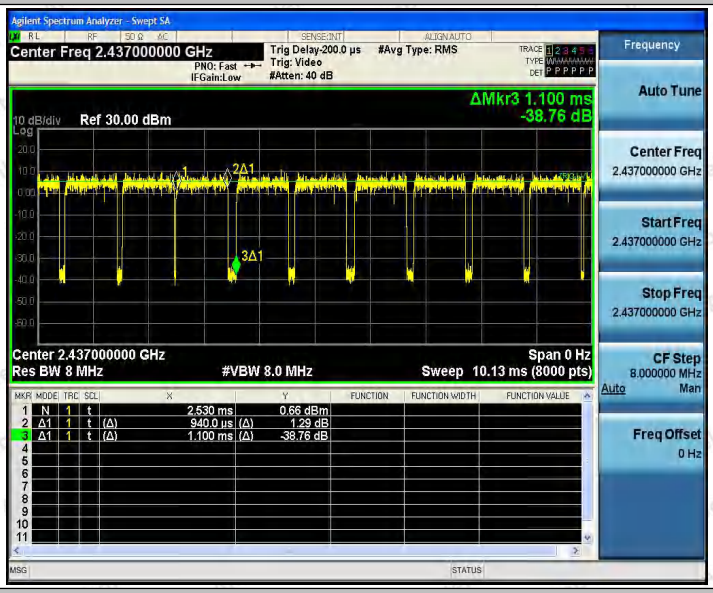

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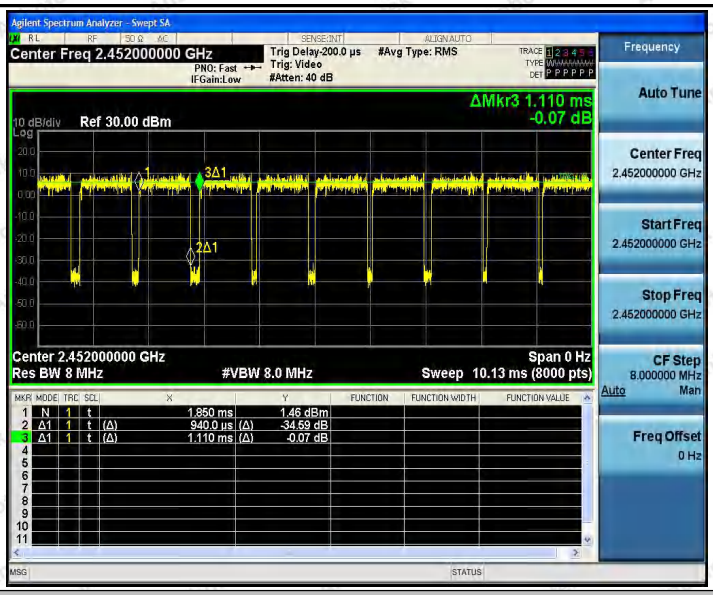

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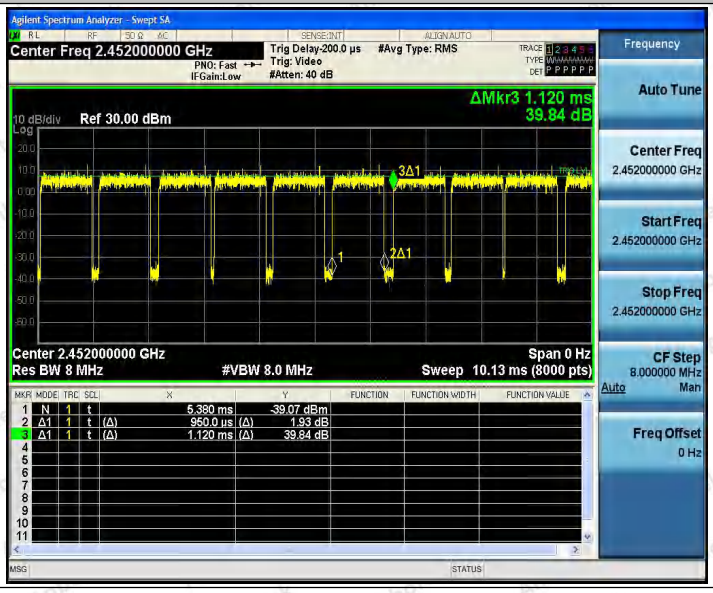

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