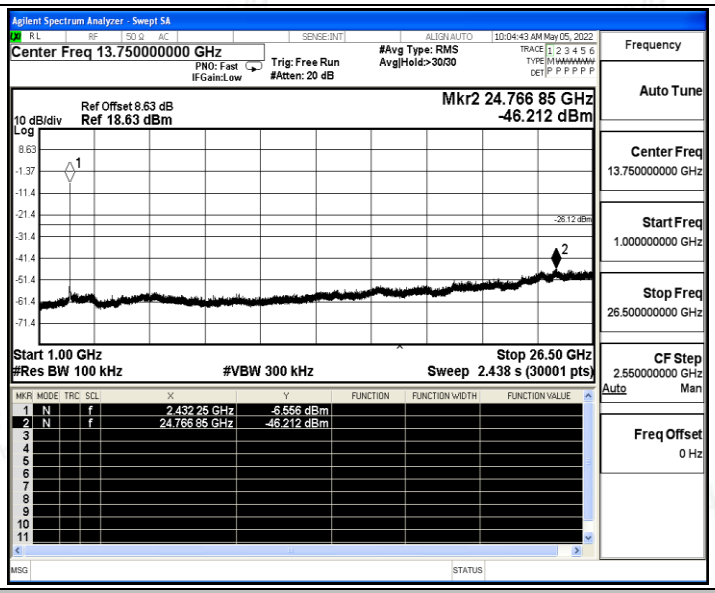
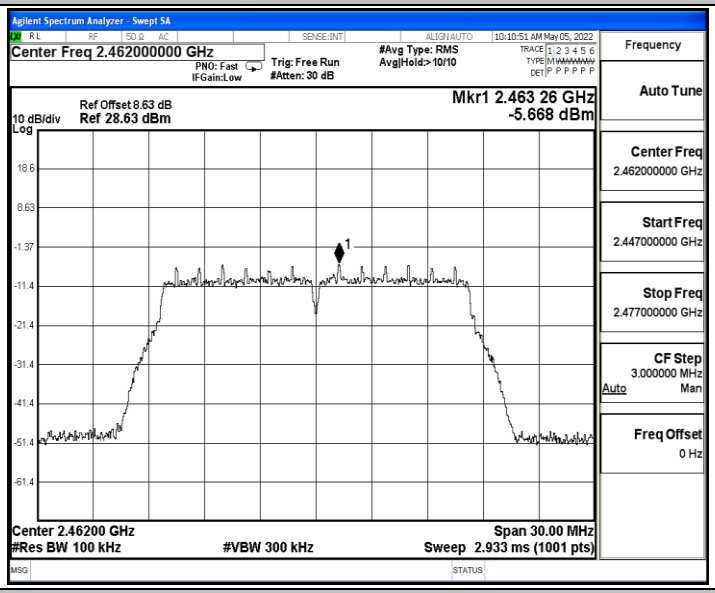


11G_Ant_2462_0~Reference



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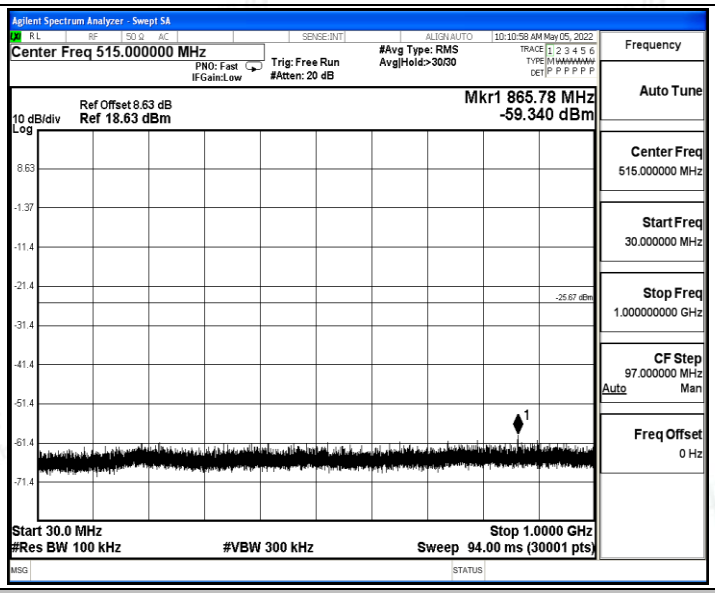

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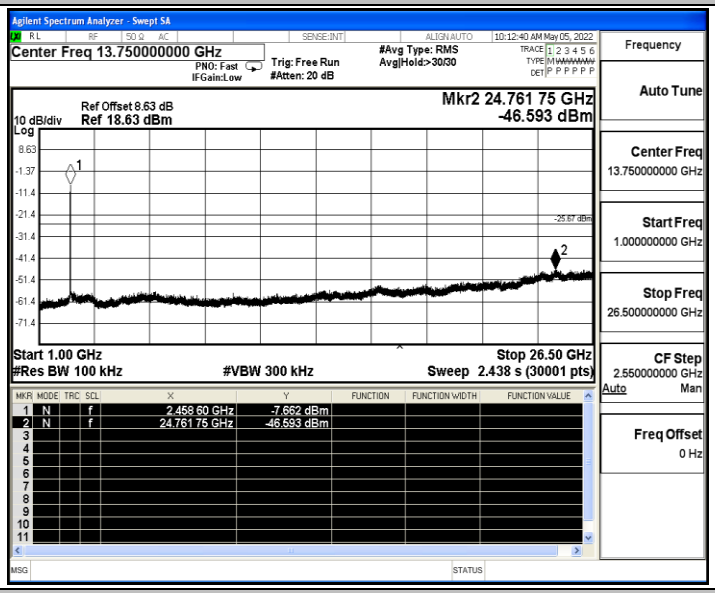
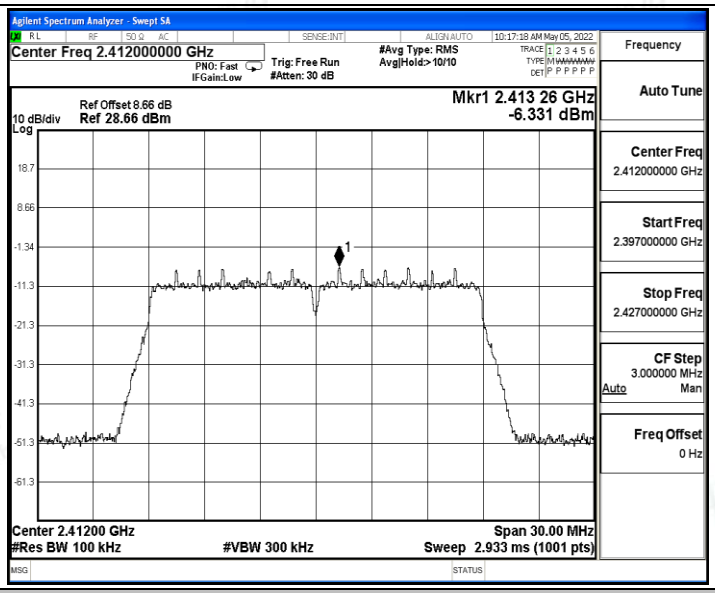
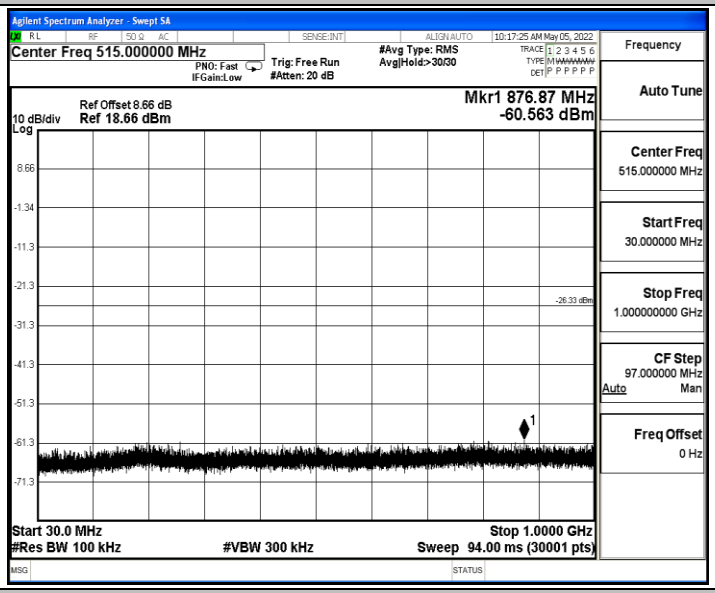


11N20SISO_Ant_2412_0~Reference



11N20SISO_Ant_2412_30~1000



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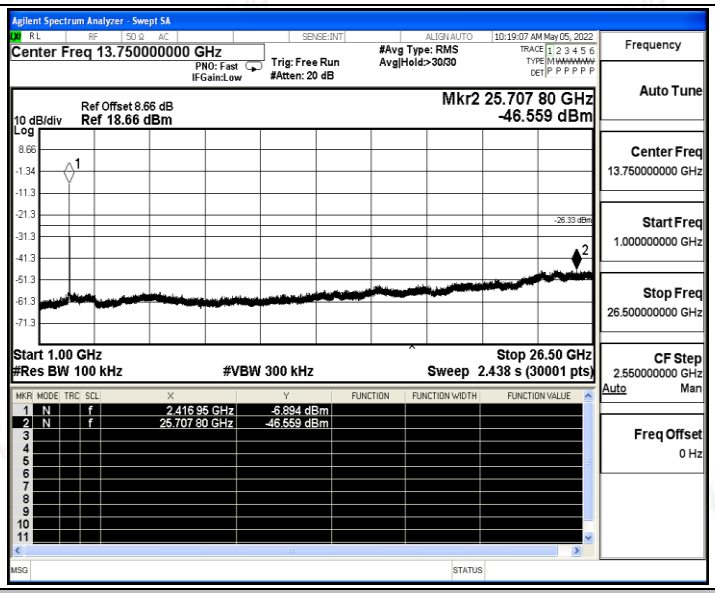

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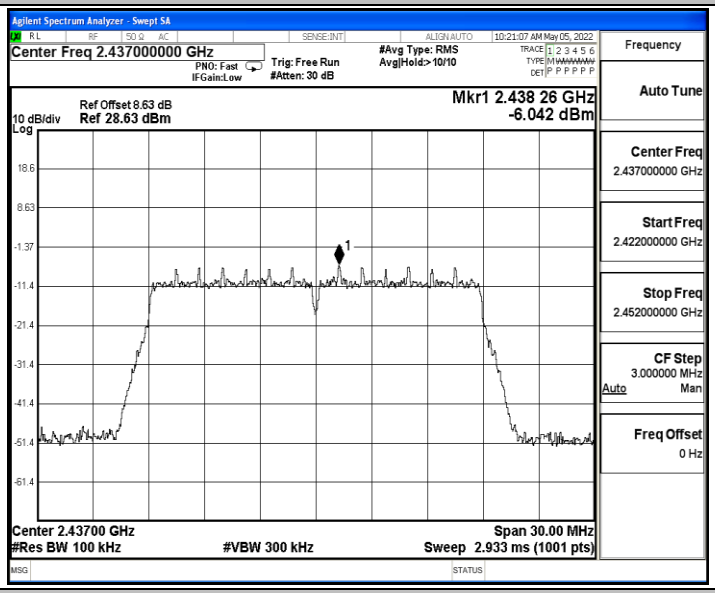
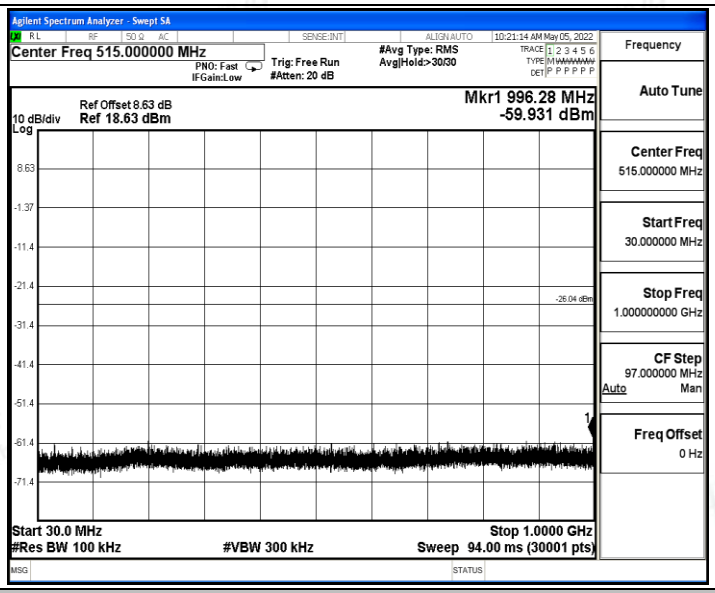


11N20SISO_Ant_2437_30~1000



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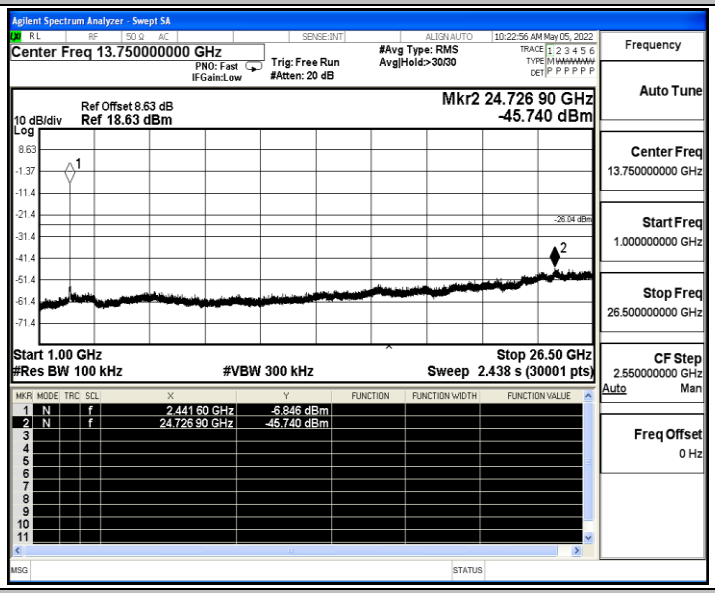

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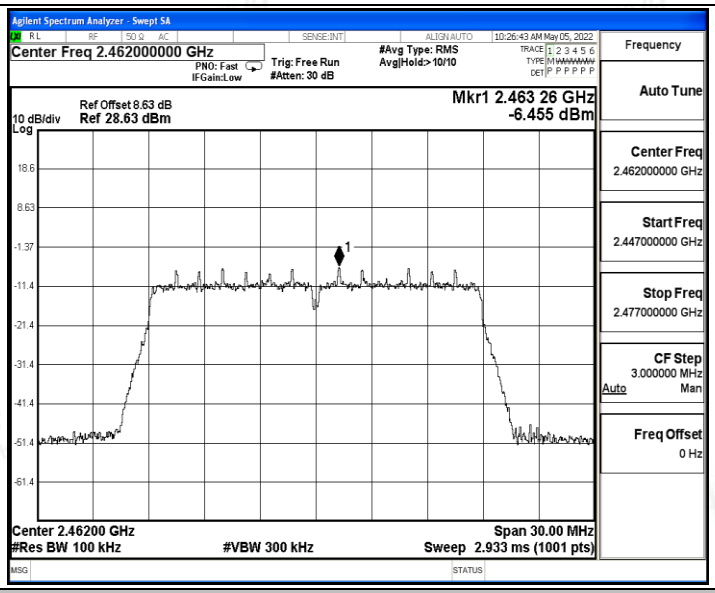

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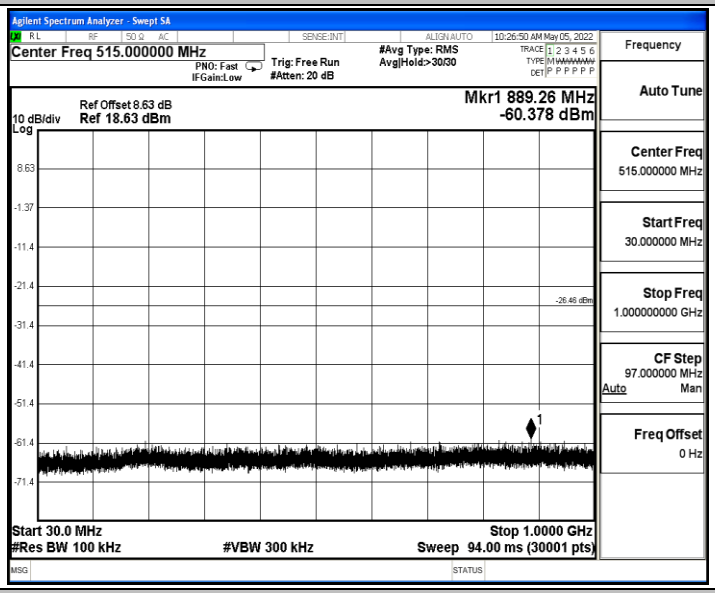

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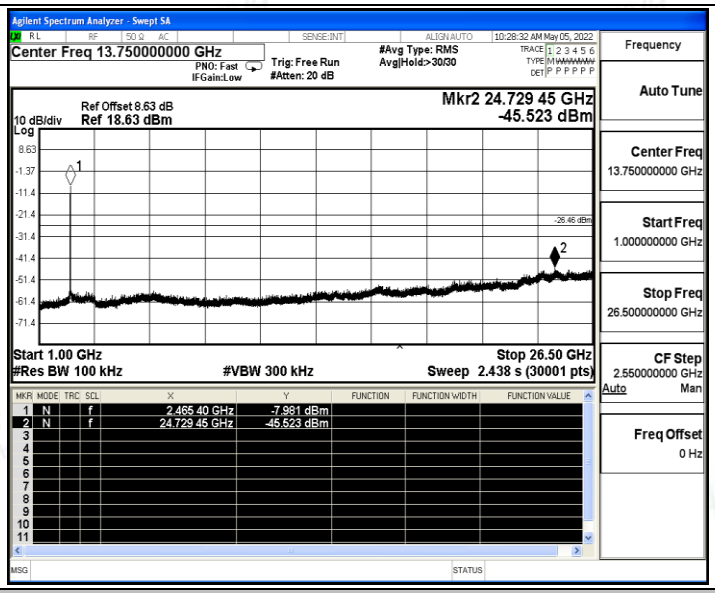
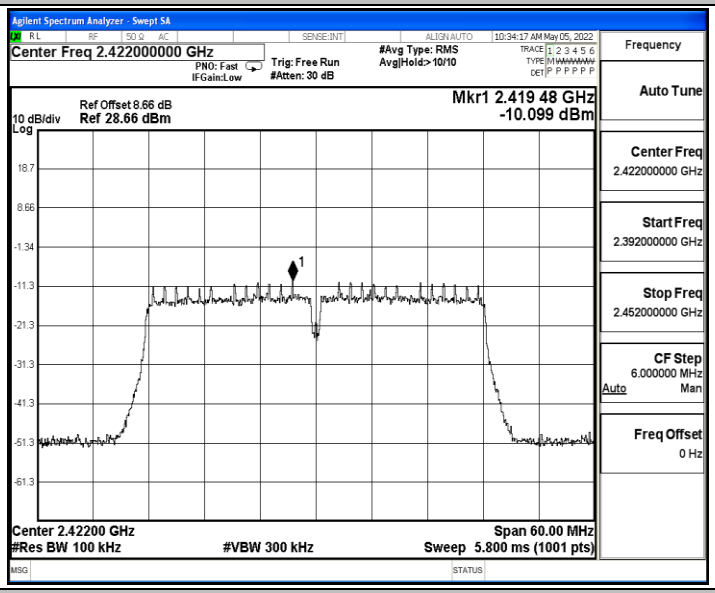


11N40SISO_Ant_2422_0~Reference



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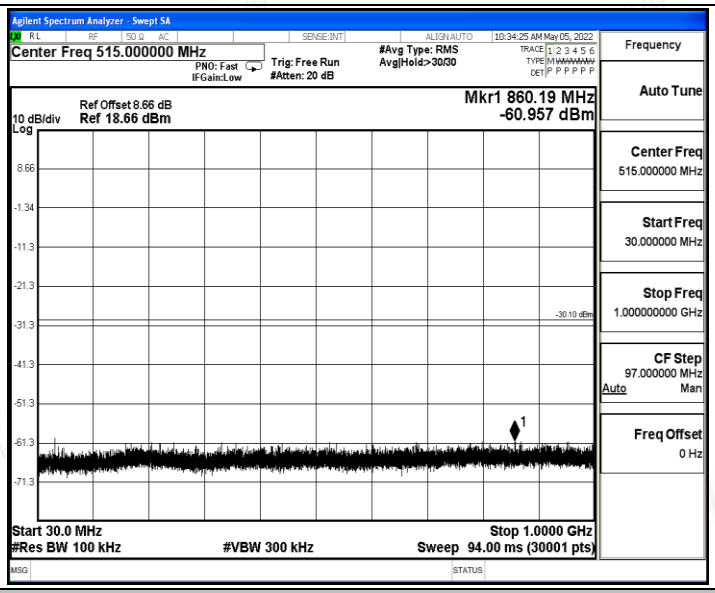

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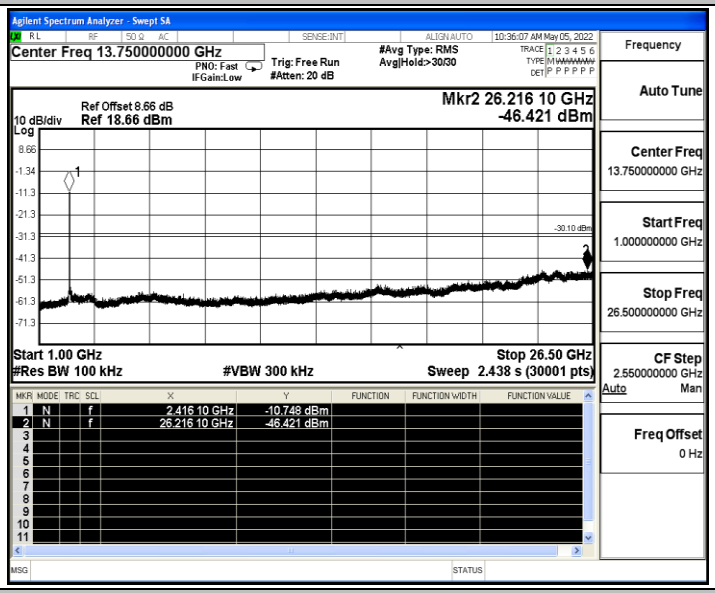

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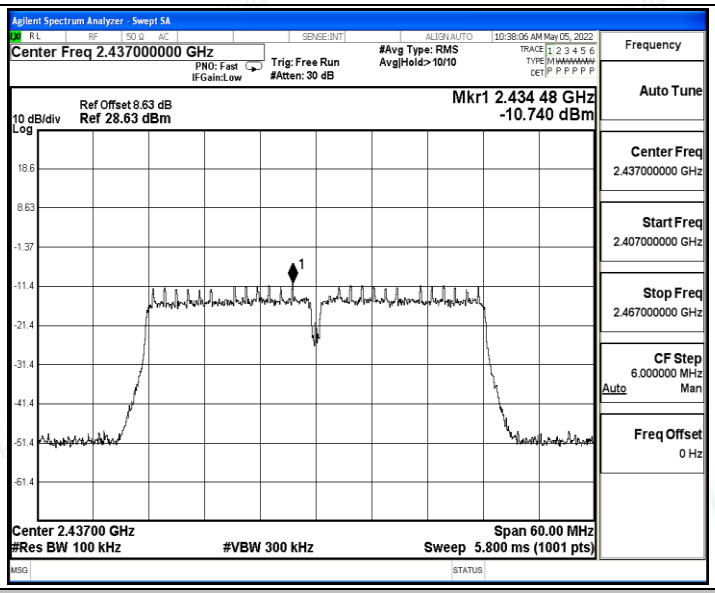

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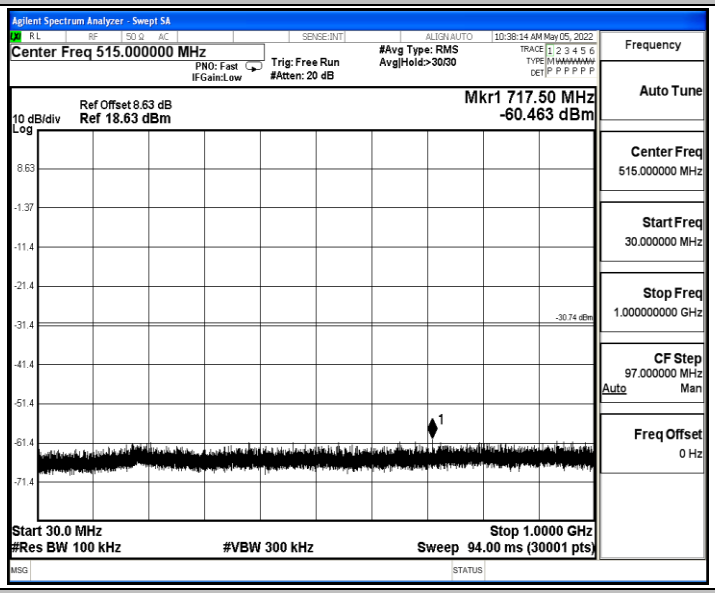
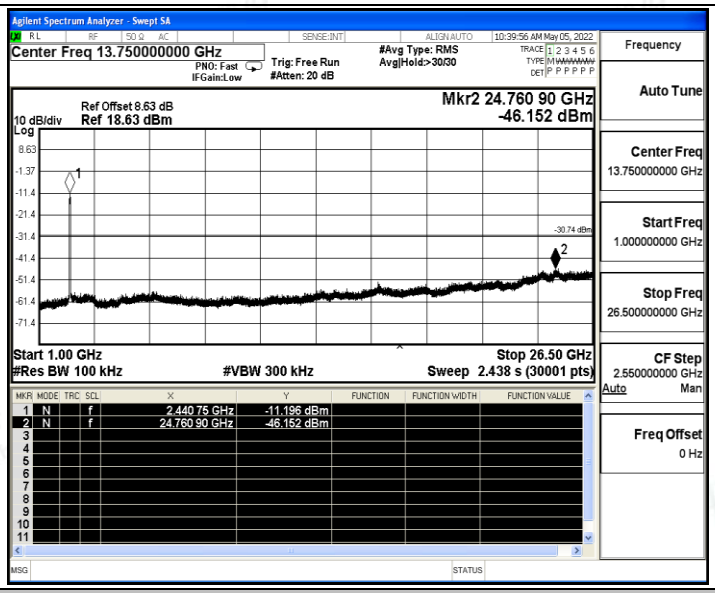
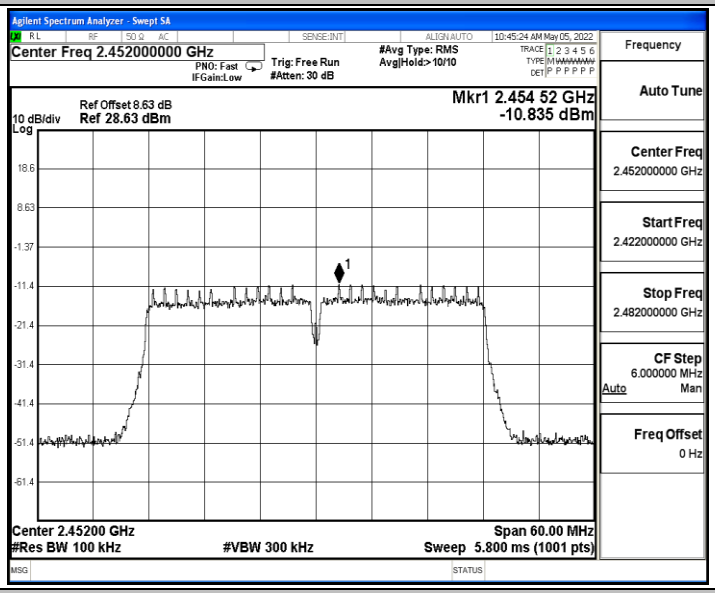


11N40SISO_Ant_2437_1000~26500



11N40SISO_Ant_2452_0~Reference



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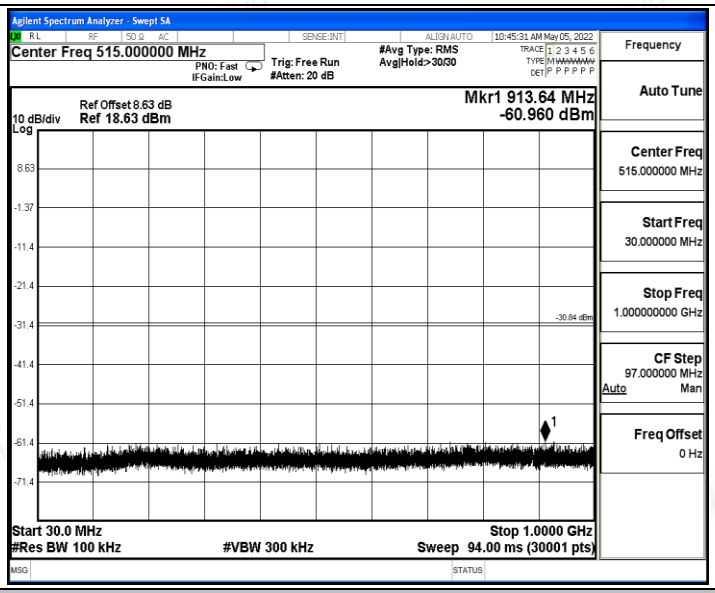
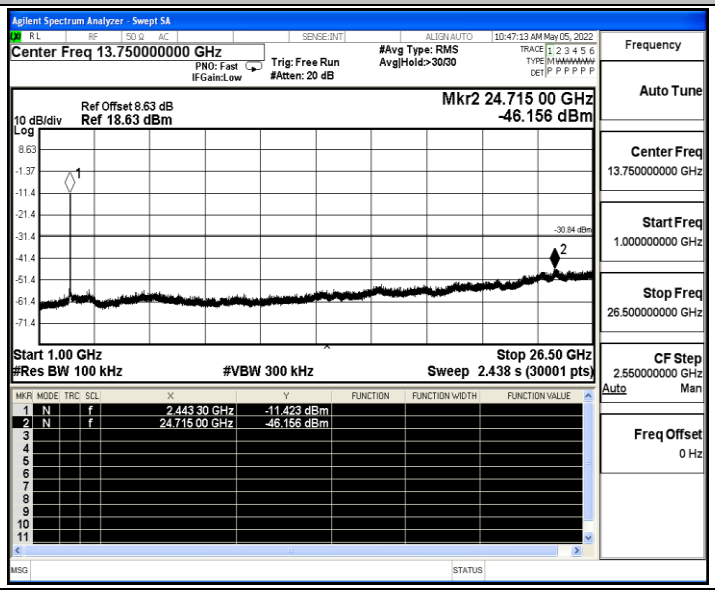


11N40SISO_Ant_2452_1000~26500



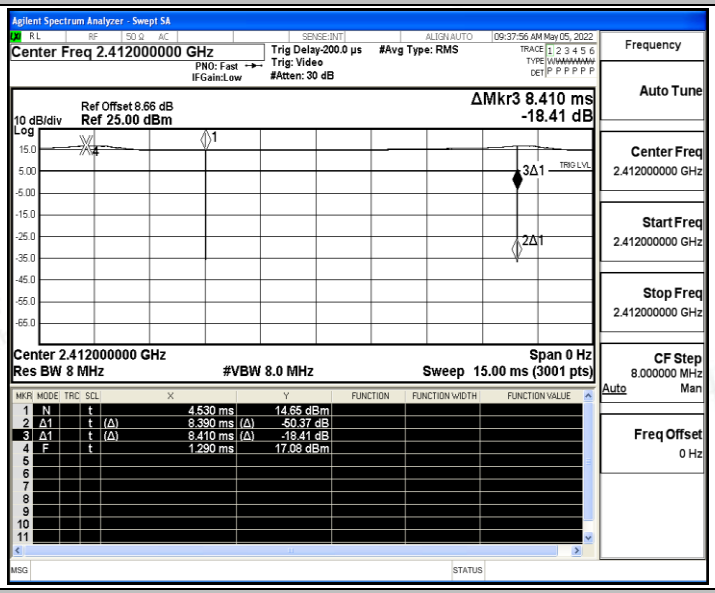
A.6 Duty Cycle

Test Result

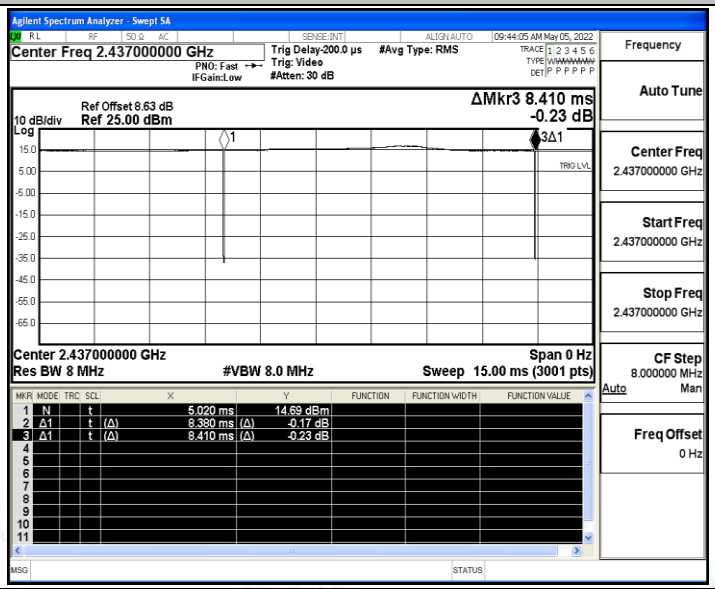
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant	2412	8.39	8.41	99.76	---	---
		2437	8.38	8.41	99.64	---	---
		2462	8.39	8.41	99.76	---	---
11G	Ant	2412	1.40	1.43	97.90	---	---
		2437	1.39	1.43	97.20	---	---
		2462	1.39	1.43	97.20	---	---
11N20SISO	Ant	2412	1.30	1.33	97.74	---	---
		2437	1.30	1.34	97.01	---	---
		2462	1.30	1.34	97.01	---	---
11N40SISO	Ant	2422	0.65	0.68	95.59	---	---
		2437	0.65	0.69	94.20	---	---
		2452	0.65	0.69	94.20	---	---

Test Graphs

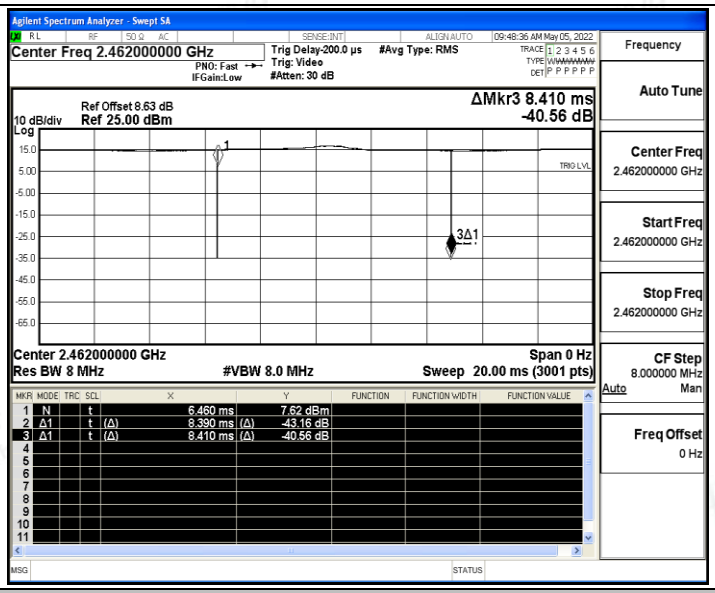
11B_Ant_2412



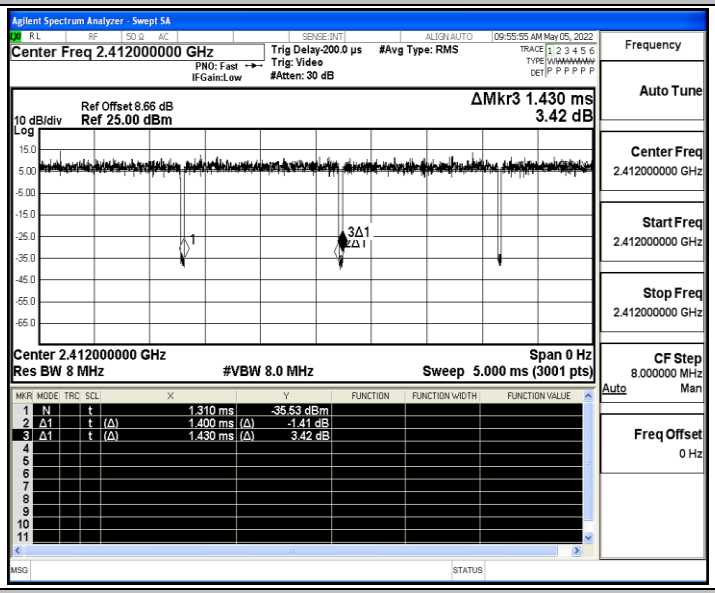
11B_Ant_2437



11B_Ant_2462



11G_Ant_2412



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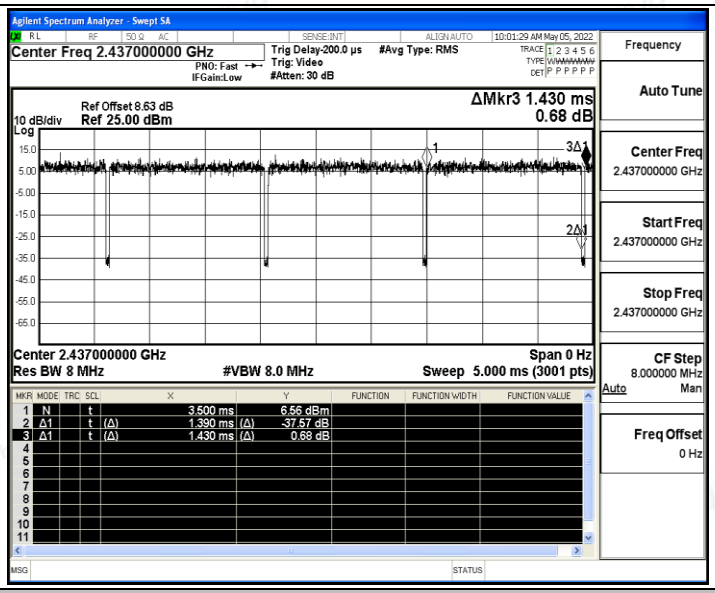

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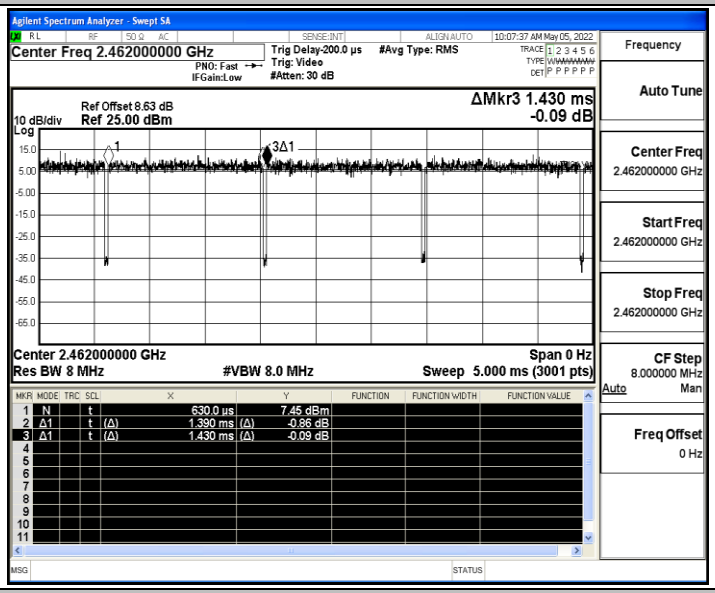
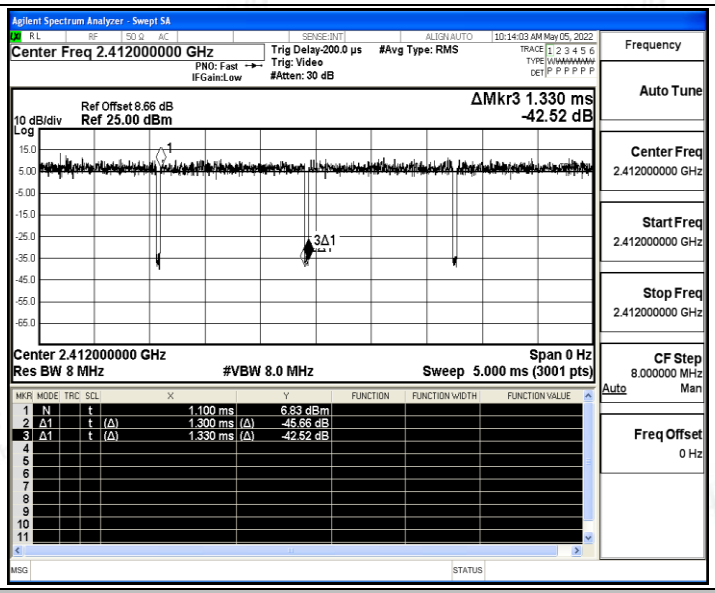
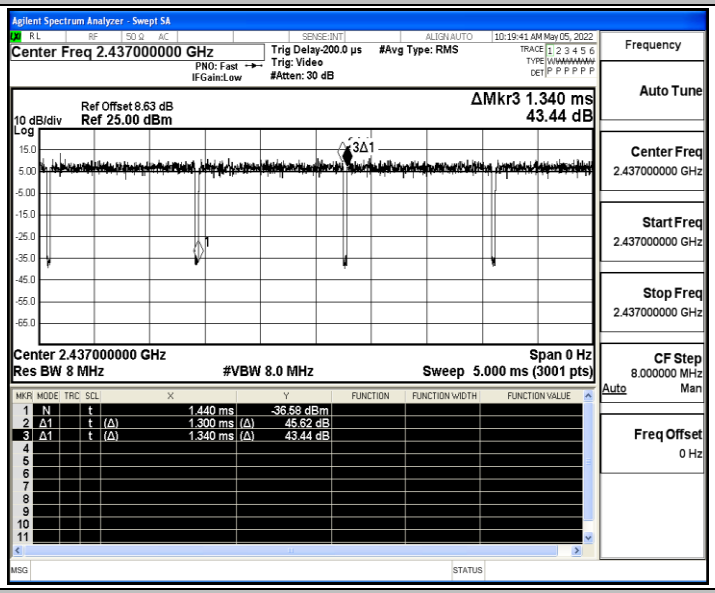


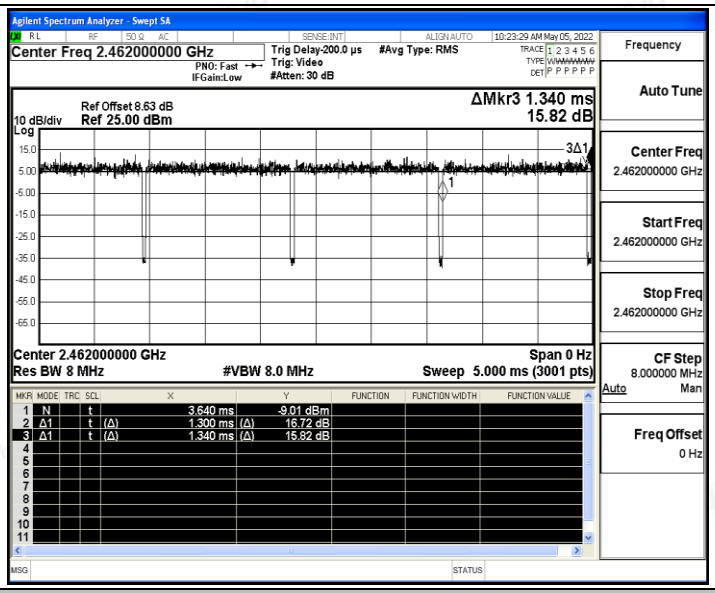
11N20SISO_Ant_2412



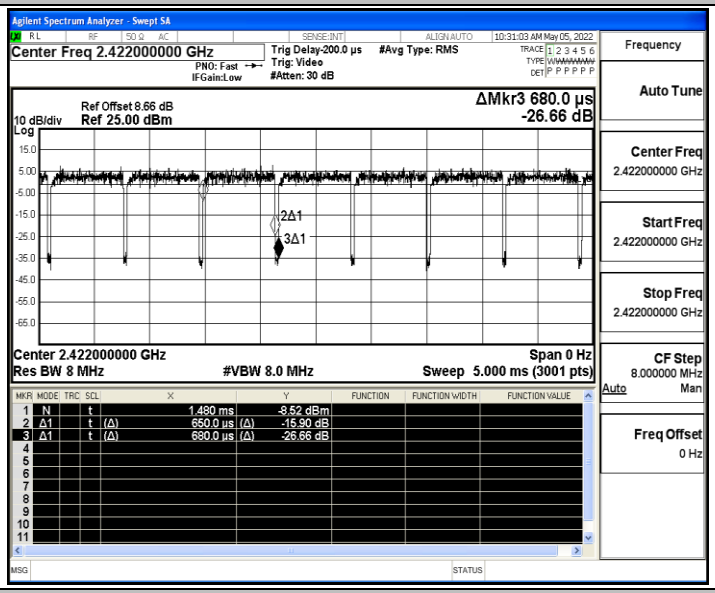
11N20SISO_Ant_2437



11N20SISO_Ant_2462



11N40SISO_Ant_2422



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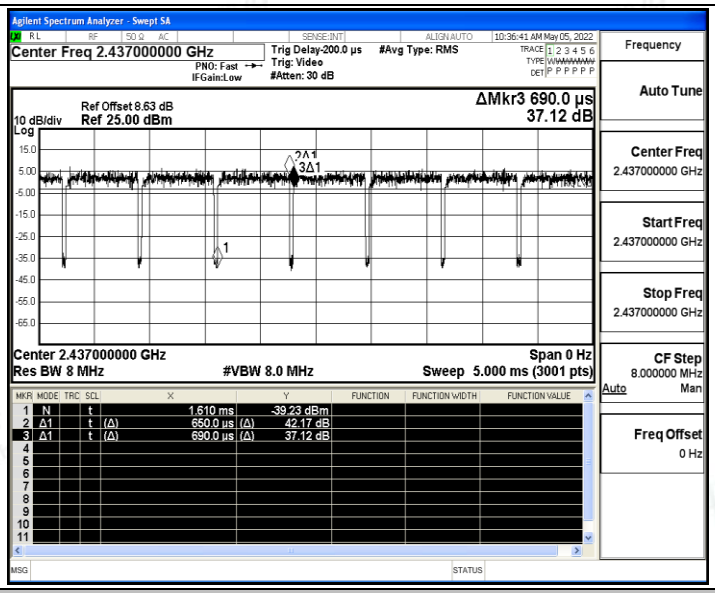
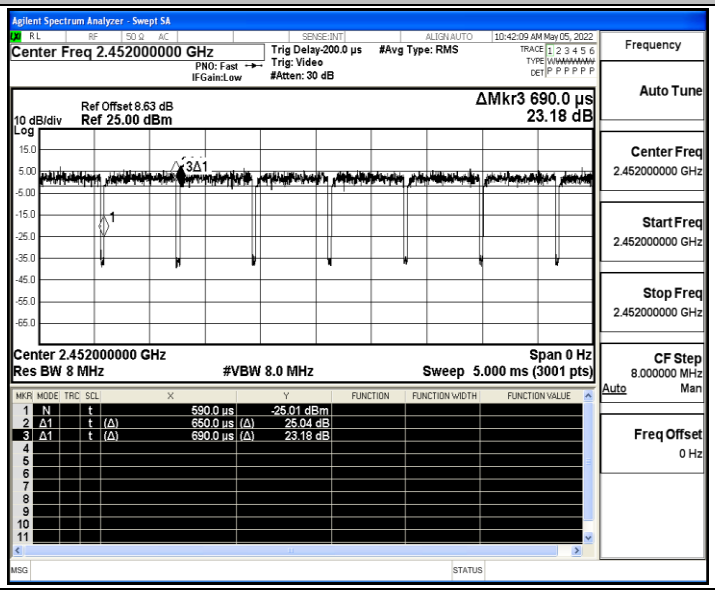


11N40SISO_Ant_2452



A.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant	Low	2412	AV	2310.000	-48.95	≤-41.20	46.25	≤54	PASS
				AV	2389.310	-48.23	≤-41.20	46.97	≤54	PASS
				AV	2390.000	-48.38	≤-41.20	46.82	≤54	PASS
				Peak	2310.000	-37.91	≤-21.20	57.29	≤74	PASS
				Peak	2343.940	-36.09	≤-21.20	59.11	≤74	PASS
				Peak	2390.000	-37.88	≤-21.20	57.32	≤74	PASS
		High	2462	AV	2483.500	-47.86	≤-41.20	47.34	≤54	PASS
				AV	2499.510	-47.83	≤-41.20	47.37	≤54	PASS
				AV	2500.000	-47.9	≤-41.20	47.30	≤54	PASS
				Peak	2483.500	-36.7	≤-21.20	58.50	≤74	PASS
				Peak	2492.800	-35.91	≤-21.20	59.29	≤74	PASS
				Peak	2500.000	-37.39	≤-21.20	57.81	≤74	PASS
11G	Ant	Low	2412	AV	2310.000	-48.63	≤-41.20	46.57	≤54	PASS
				AV	2386.970	-47.76	≤-41.20	47.44	≤54	PASS
				AV	2390.000	-47.79	≤-41.20	47.41	≤54	PASS
				Peak	2310.000	-37.93	≤-21.20	57.27	≤74	PASS
				Peak	2385.020	-36.14	≤-21.20	59.06	≤74	PASS
				Peak	2390.000	-37.12	≤-21.20	58.08	≤74	PASS
		High	2462	AV	2483.500	-47.34	≤-41.20	47.86	≤54	PASS
				AV	2484.000	-47.05	≤-41.20	48.15	≤54	PASS
				AV	2500.000	-47.25	≤-41.20	47.95	≤54	PASS
				Peak	2483.500	-36.69	≤-21.20	58.51	≤74	PASS
				Peak	2490.820	-35.45	≤-21.20	59.75	≤74	PASS
				Peak	2500.000	-37.18	≤-21.20	58.02	≤74	PASS
11N20SISO	Ant	Low	2412	AV	2310.000	-48.53	≤-41.20	46.67	≤54	PASS
				AV	2389.700	-47.61	≤-41.20	47.59	≤54	PASS
				AV	2390.000	-47.63	≤-41.20	47.57	≤54	PASS
				Peak	2310.000	-38.22	≤-21.20	56.98	≤74	PASS
				Peak	2368.510	-36.19	≤-21.20	59.01	≤74	PASS
				Peak	2390.000	-37.64	≤-21.20	57.56	≤74	PASS
		High	2462	AV	2483.500	-47.23	≤-41.20	47.97	≤54	PASS
				AV	2499.070	-47.04	≤-41.20	48.16	≤54	PASS
				AV	2500.000	-47.32	≤-41.20	47.88	≤54	PASS
				Peak	2483.500	-36.6	≤-21.20	58.60	≤74	PASS
				Peak	2487.300	-35.17	≤-21.20	60.03	≤74	PASS

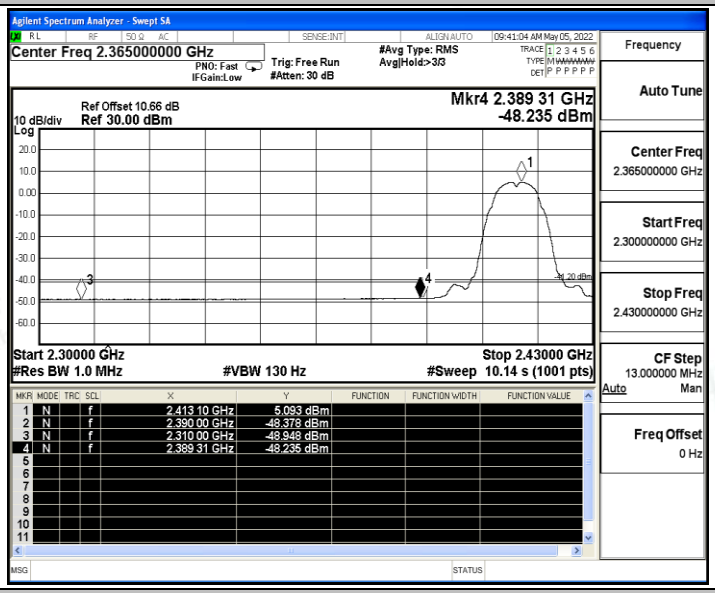
				Peak	2500.000	-37.27	≤-21.20	57.93	≤74	PASS
11N40SISO	Ant	Low	2422	AV	2310.000	-48.27	≤-41.20	46.93	≤54	PASS
				AV	2388.010	-47.01	≤-41.20	48.19	≤54	PASS
				AV	2390.000	-47.31	≤-41.20	47.89	≤54	PASS
				Peak	2310.000	-38.49	≤-21.20	56.71	≤74	PASS
				Peak	2387.100	-35.16	≤-21.20	60.04	≤74	PASS
				Peak	2390.000	-36.4	≤-21.20	58.80	≤74	PASS
		High	2452	AV	2483.500	-47.07	≤-41.20	48.13	≤54	PASS
				AV	2498.520	-46.7	≤-41.20	48.50	≤54	PASS
				AV	2500.000	-47.04	≤-41.20	48.16	≤54	PASS
				Peak	2483.500	-35.98	≤-21.20	59.22	≤74	PASS
				Peak	2485.100	-35.48	≤-21.20	59.72	≤74	PASS
				Peak	2500.000	-36.98	≤-21.20	58.22	≤74	PASS

Note：

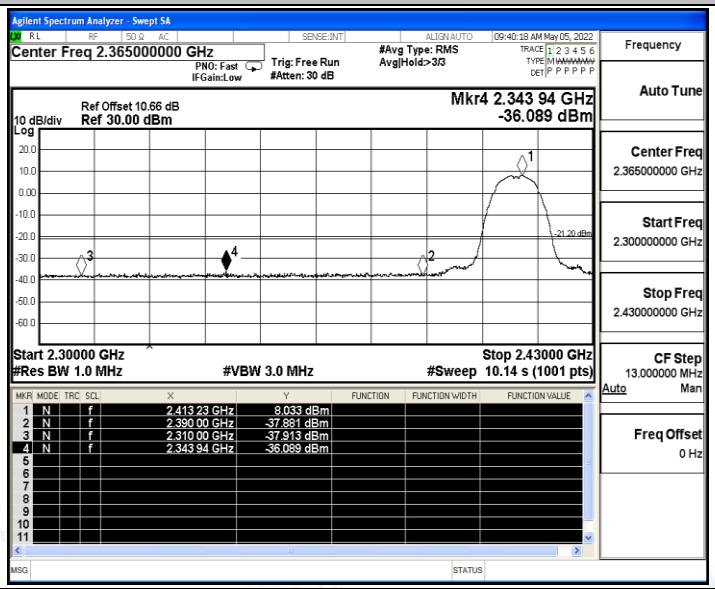
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

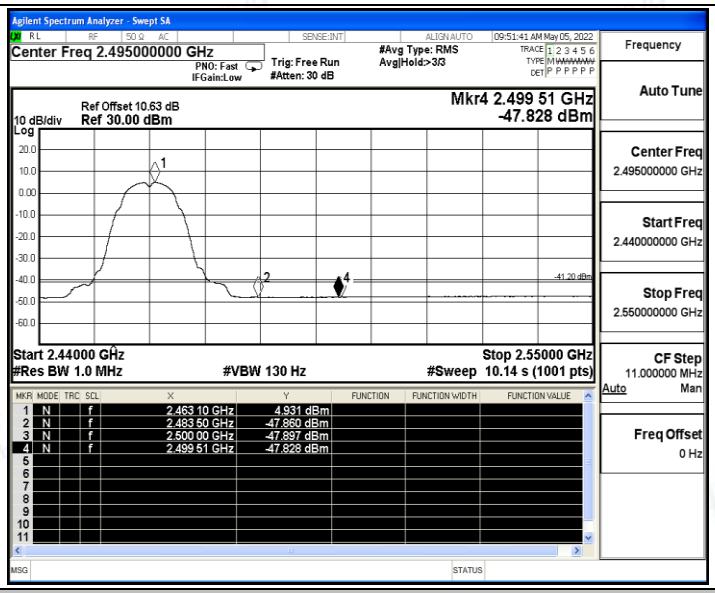
11B_Ant_Low_2412_AV



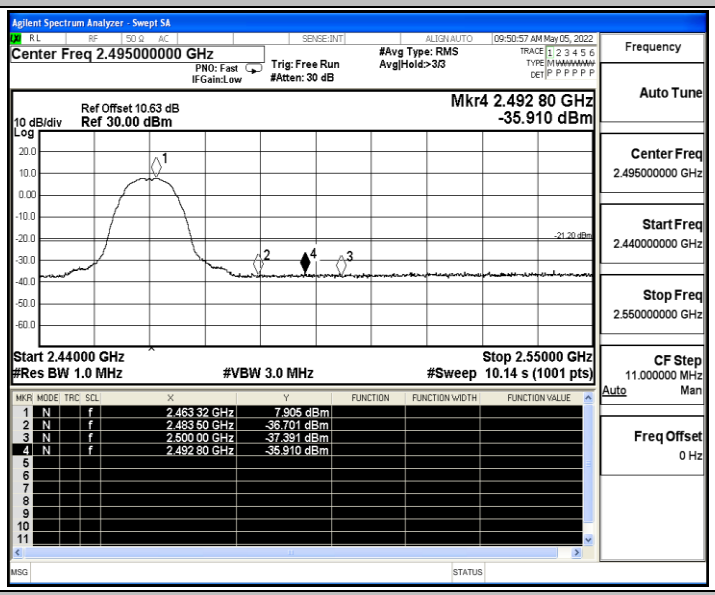
11B_Ant_Low_2412_Peak



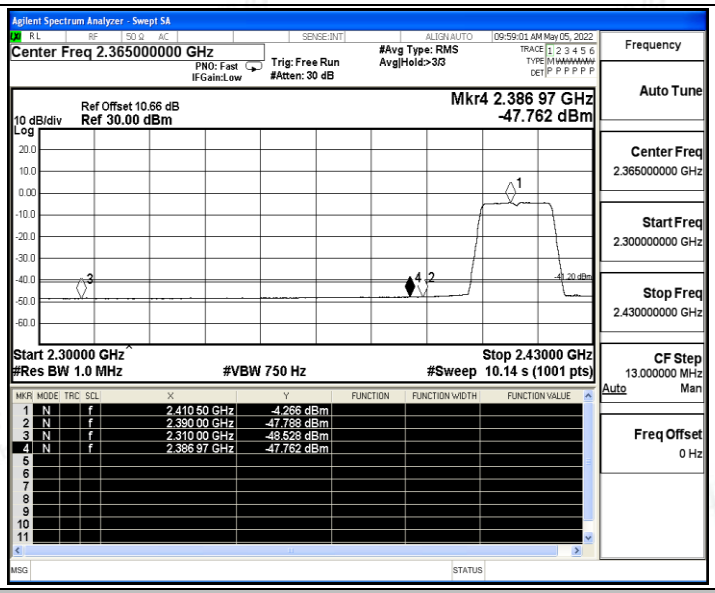
11B_Ant_High_2462_AV



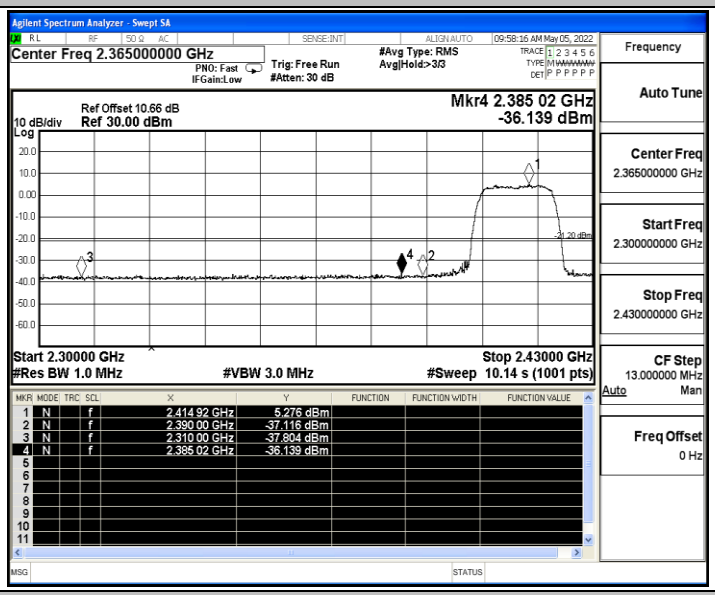
11B_Ant_High_2462_Peak



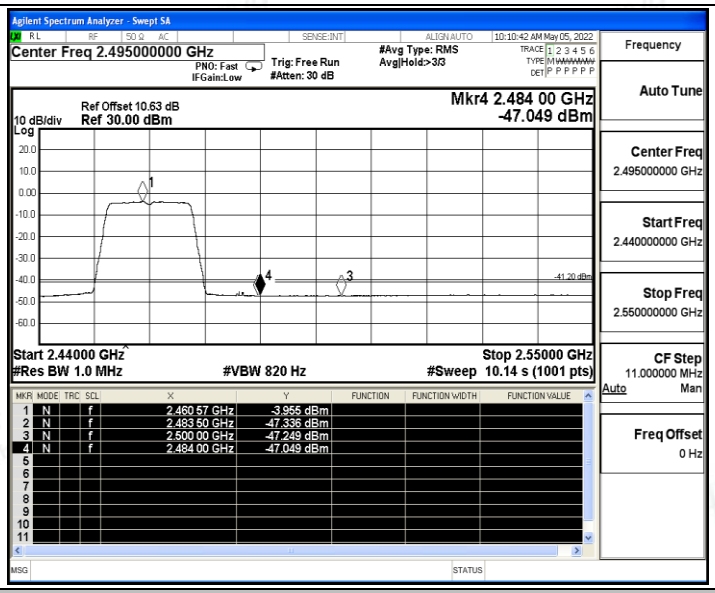
11G_Ant_Low_2412_AV



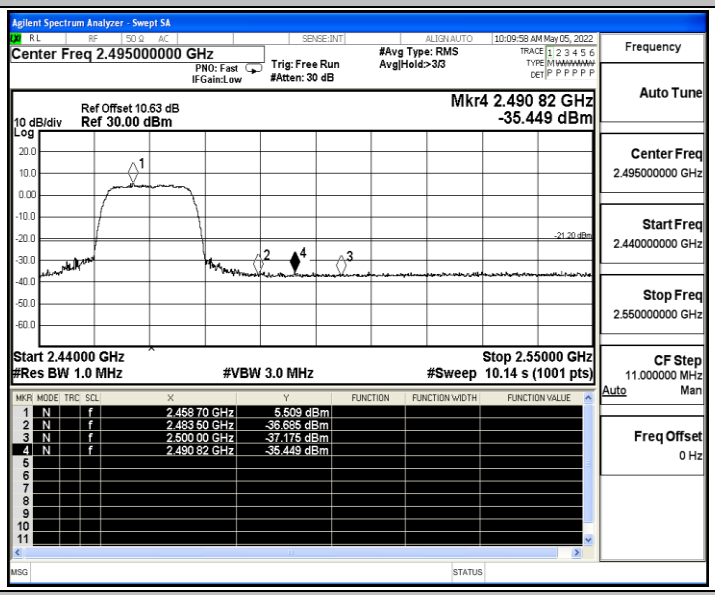
11G_Ant_Low_2412_Peak



11G_Ant_High_2462_AV



11G_Ant_High_2462_Peak



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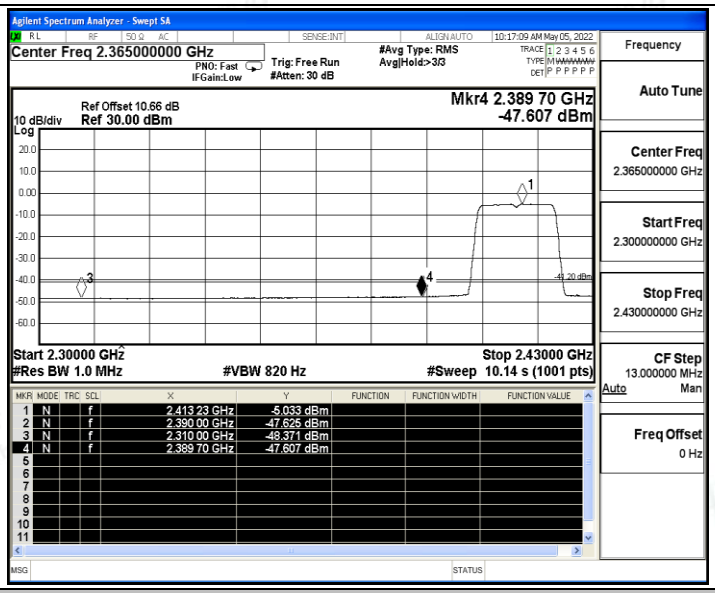

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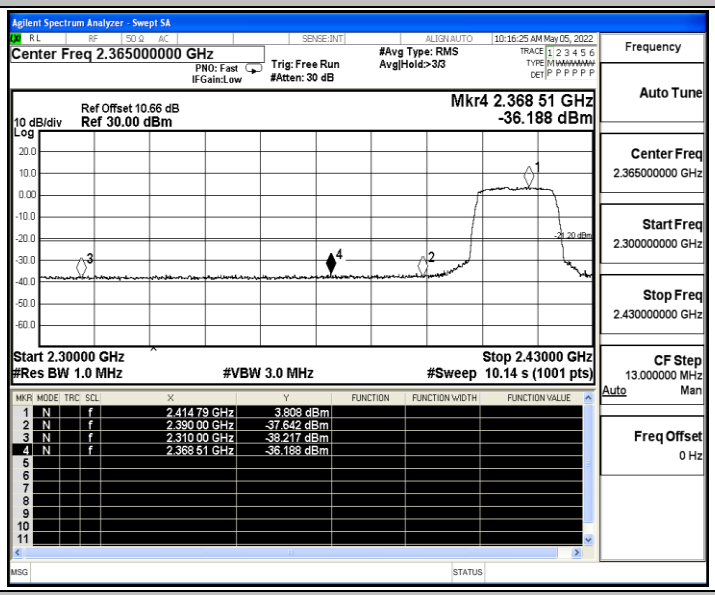

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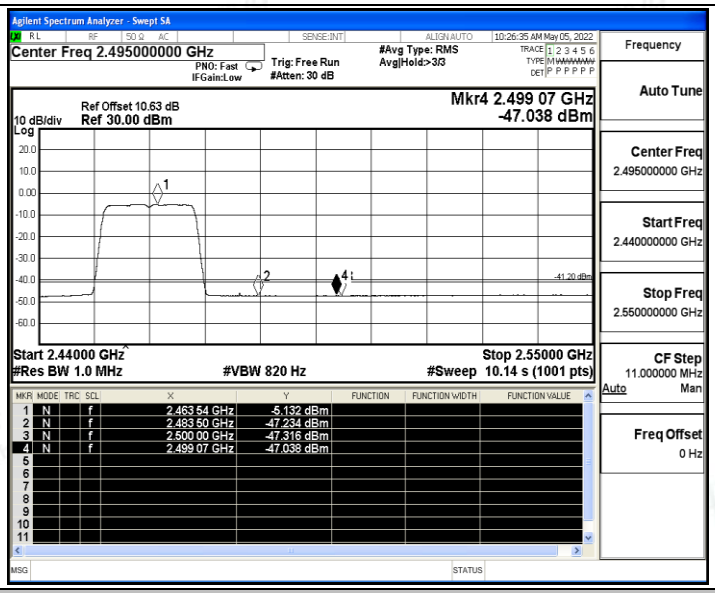

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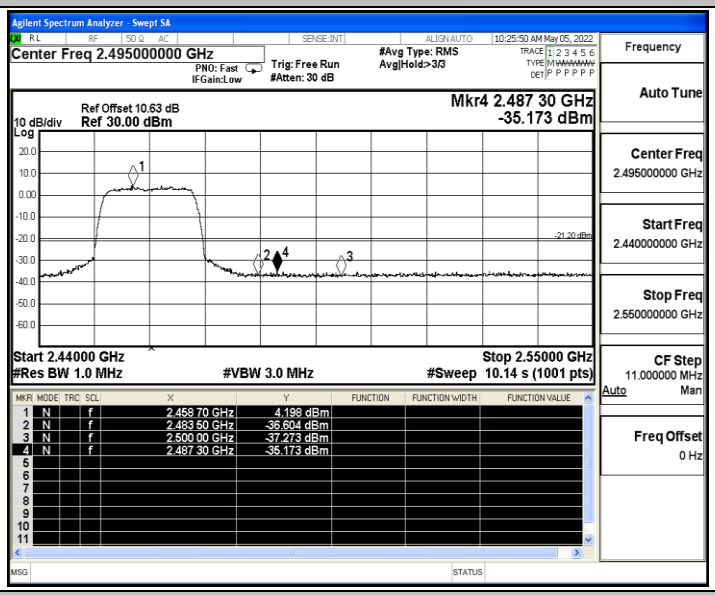

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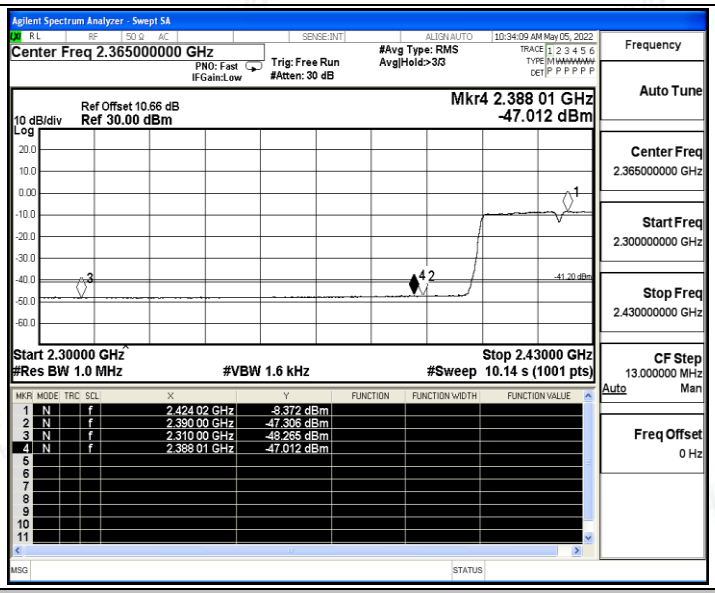
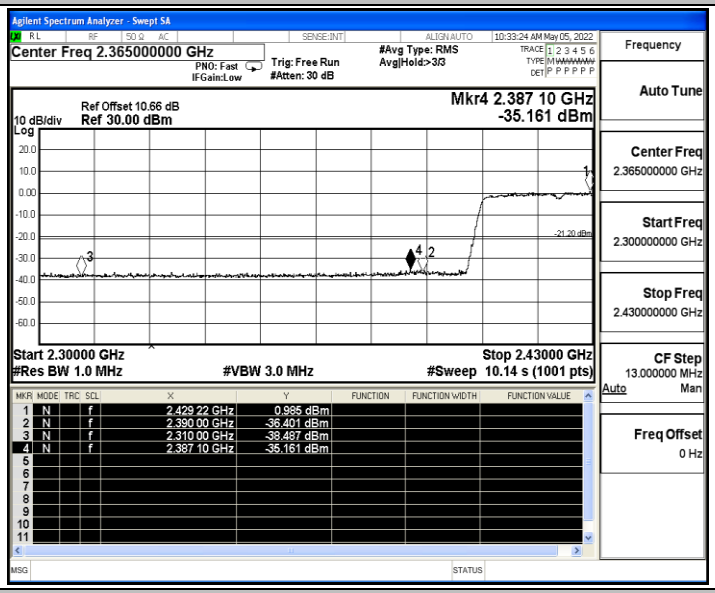


11N40SISO_Ant_Low_2422_Peak



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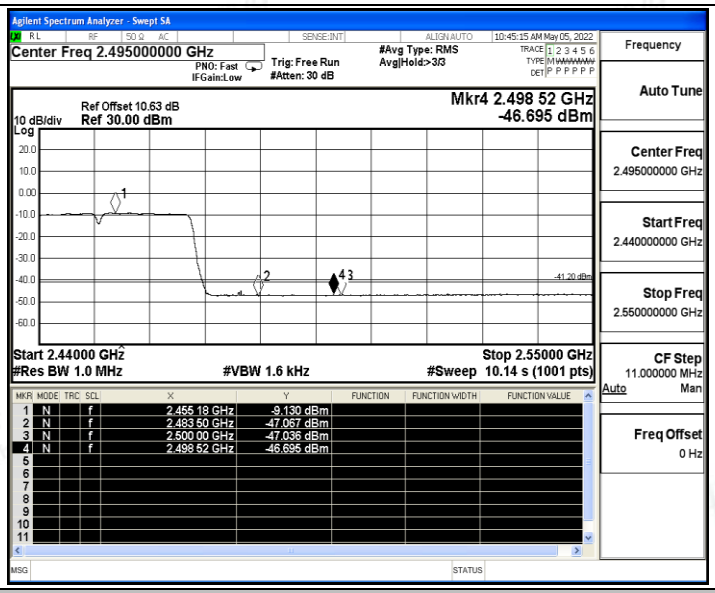
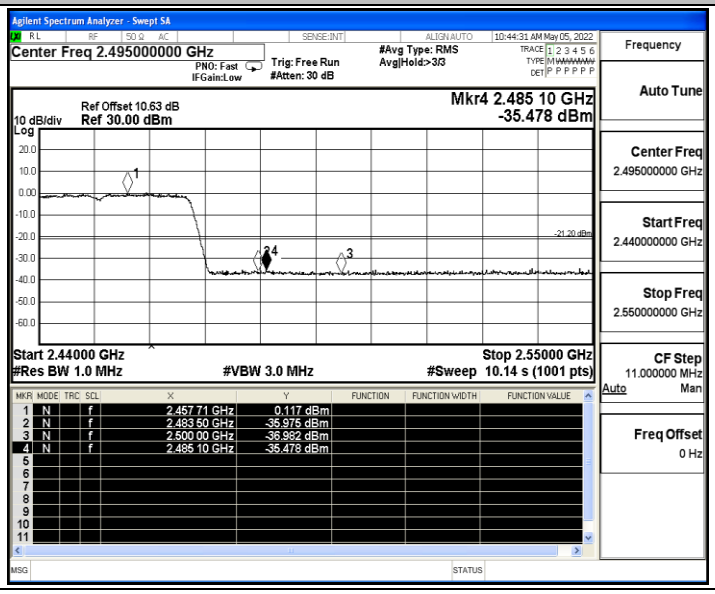
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