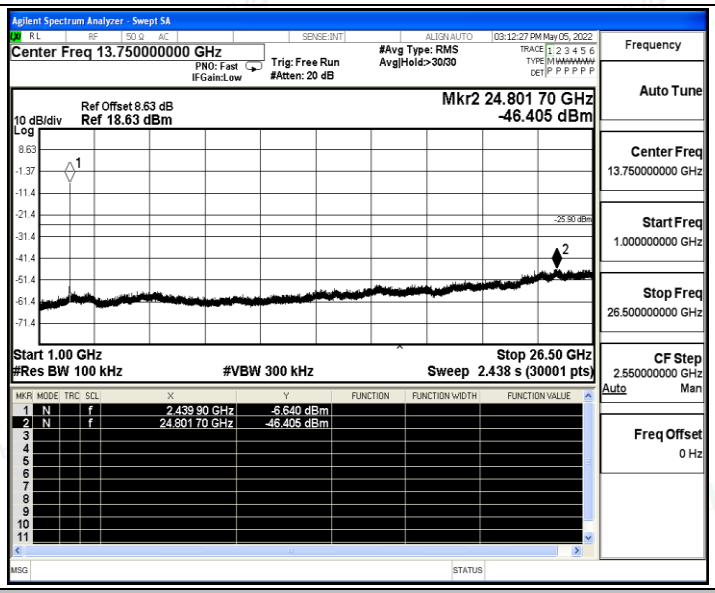

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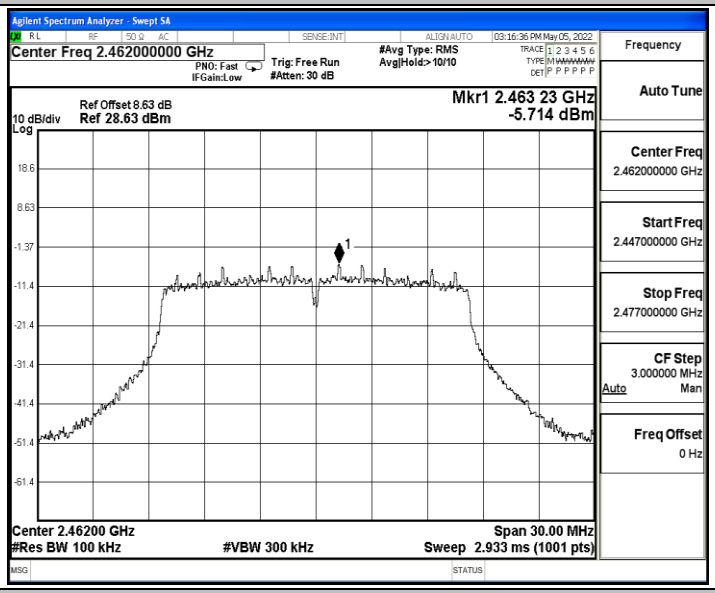

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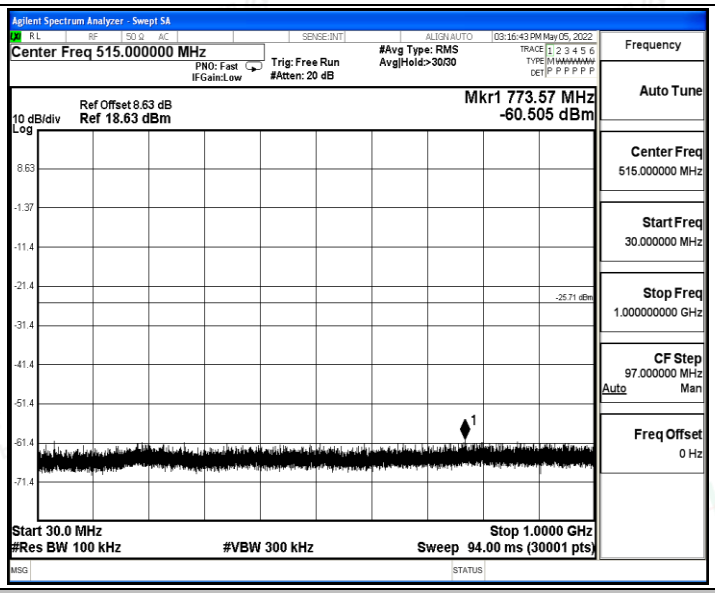

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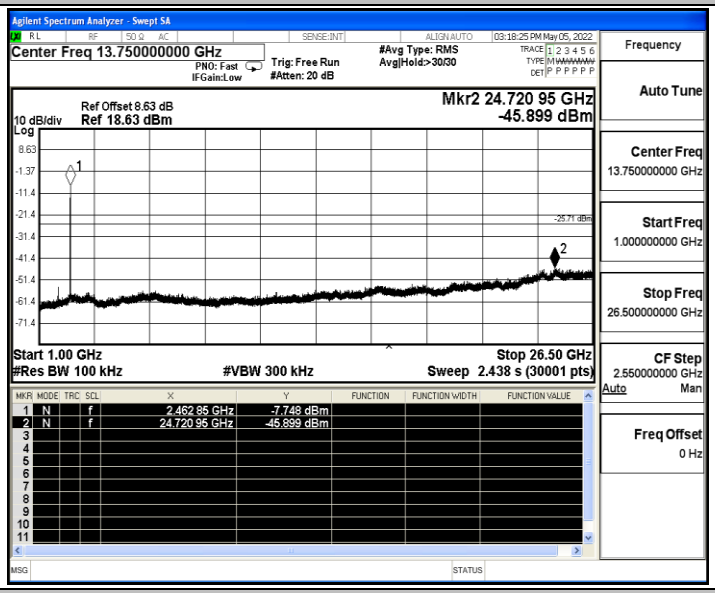

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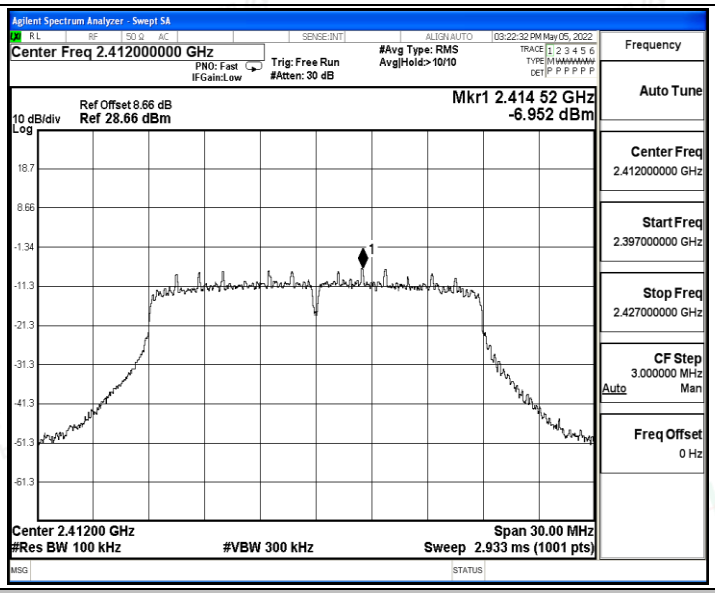

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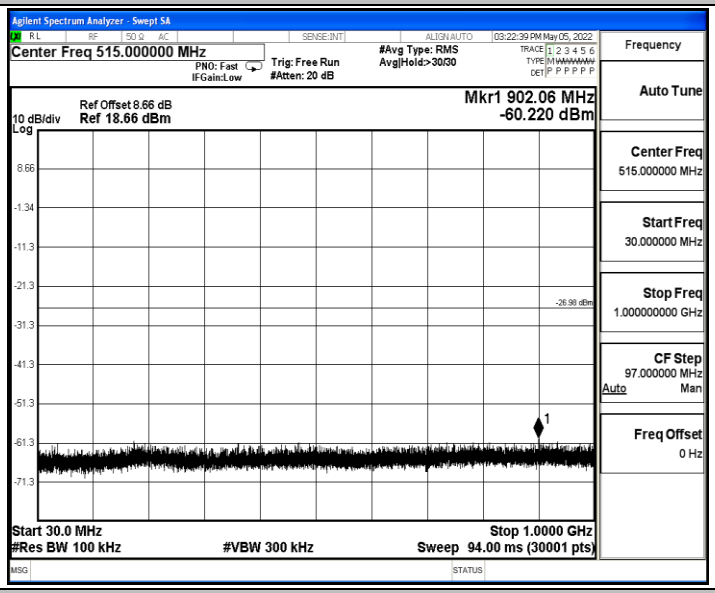

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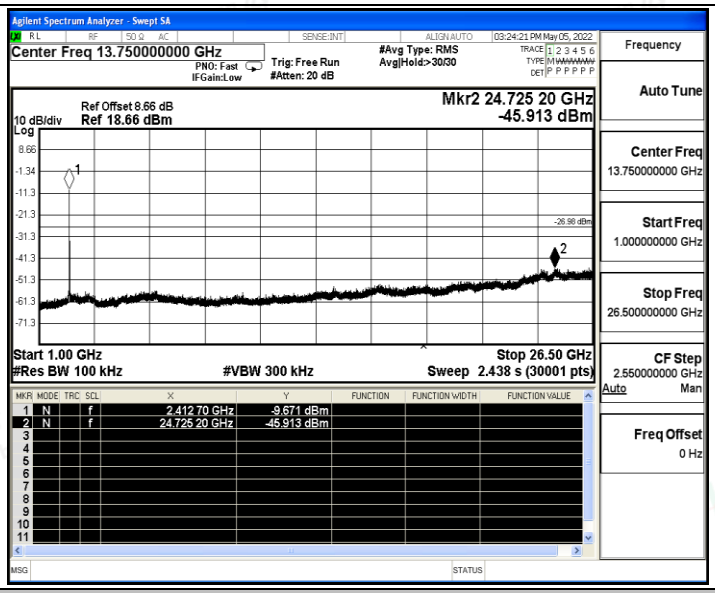

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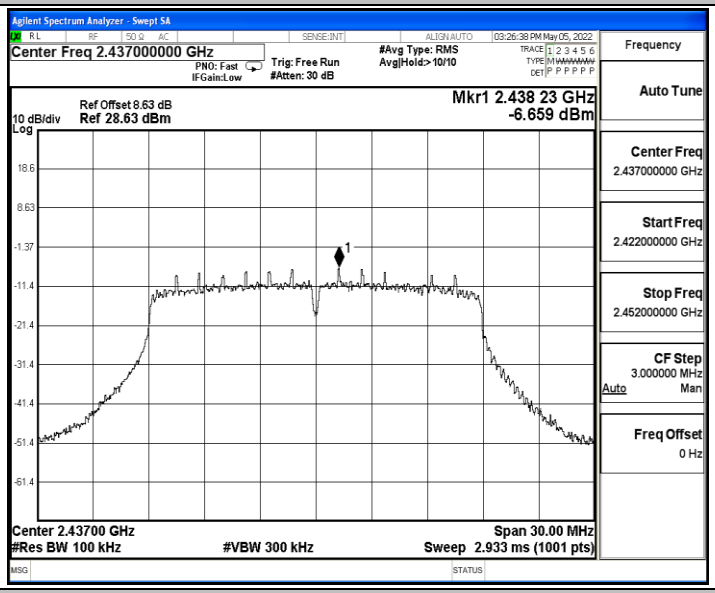

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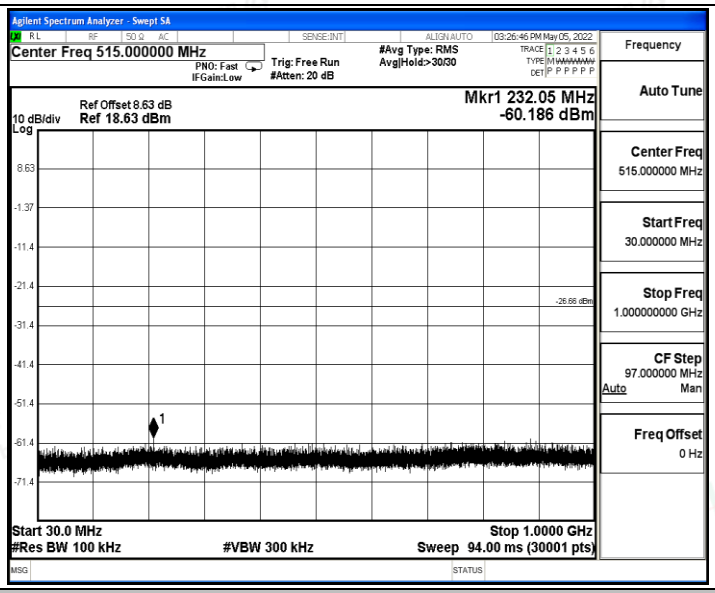

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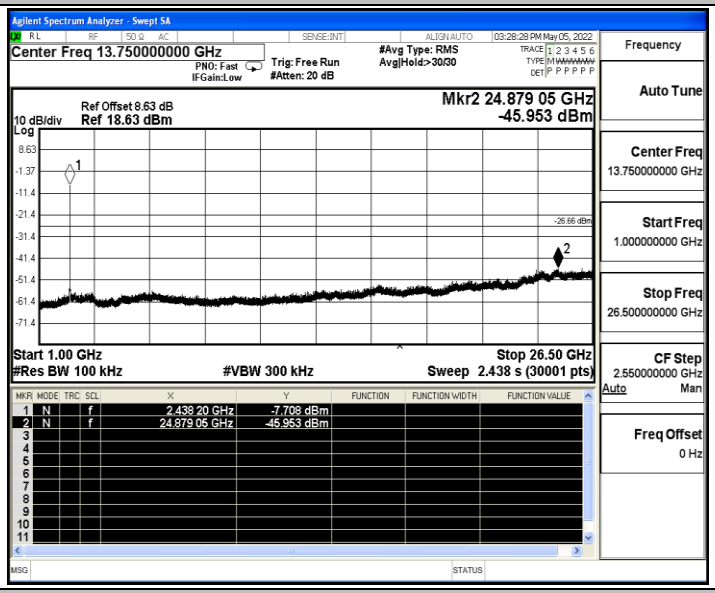

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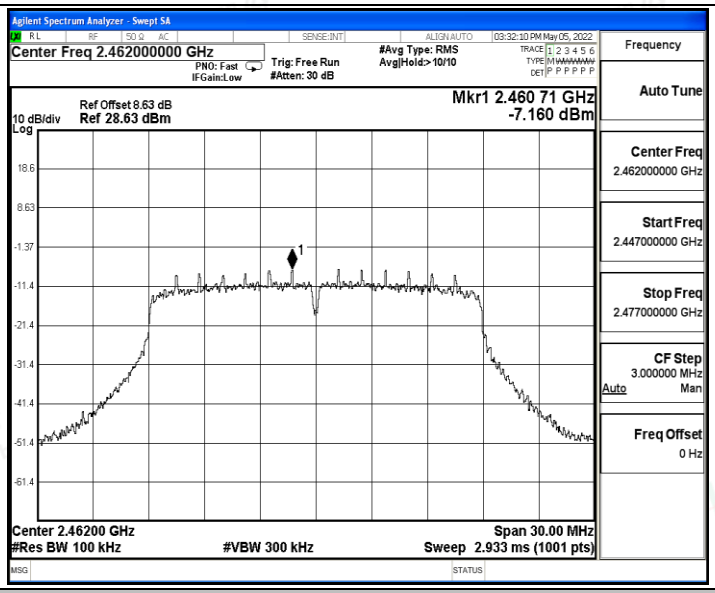

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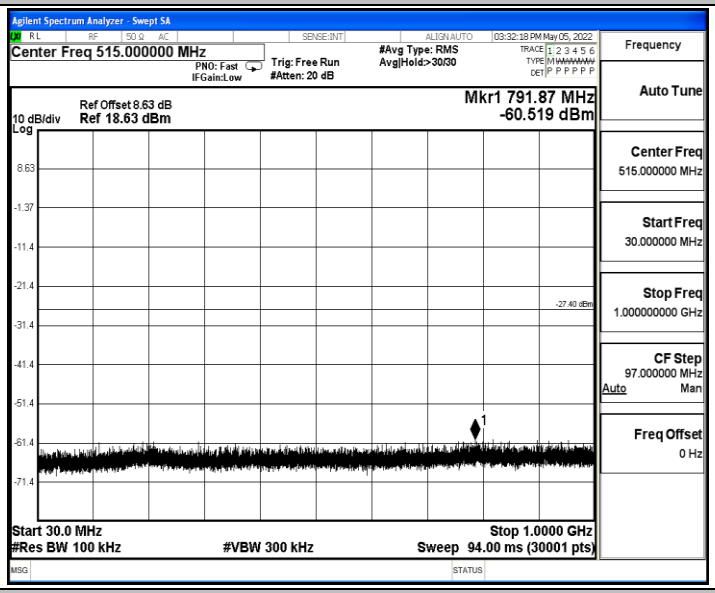

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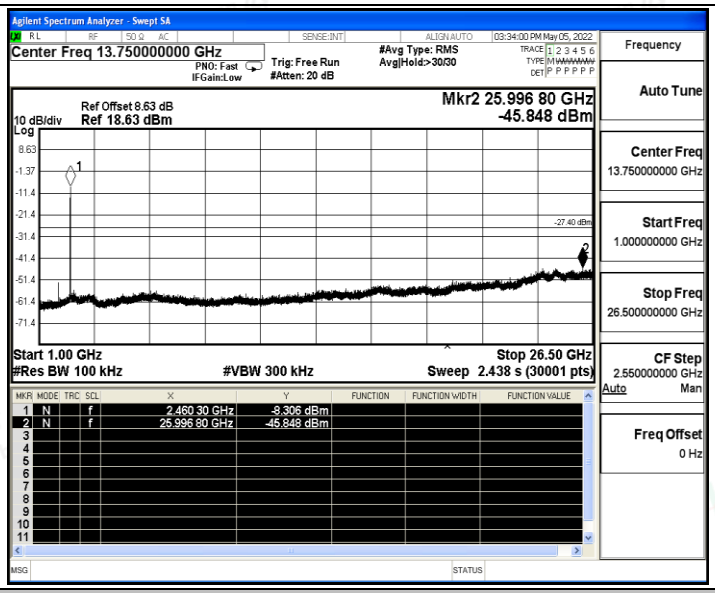
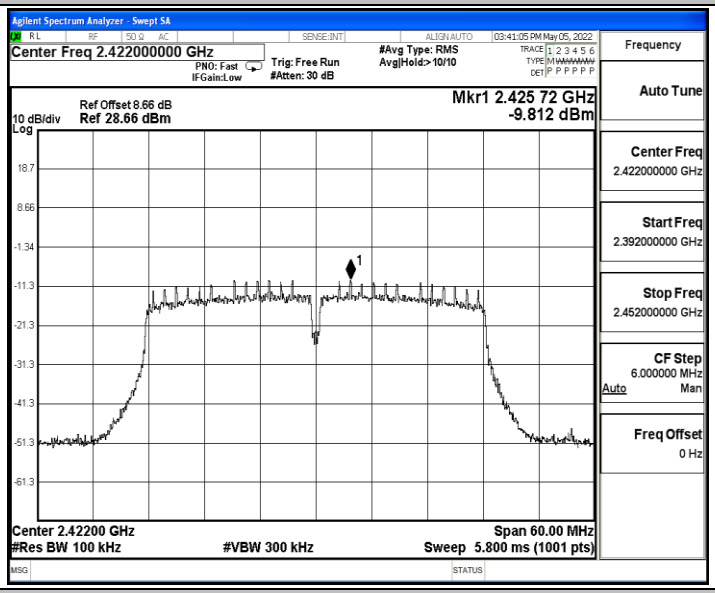


11N40SISO_Ant_2422_0~Reference



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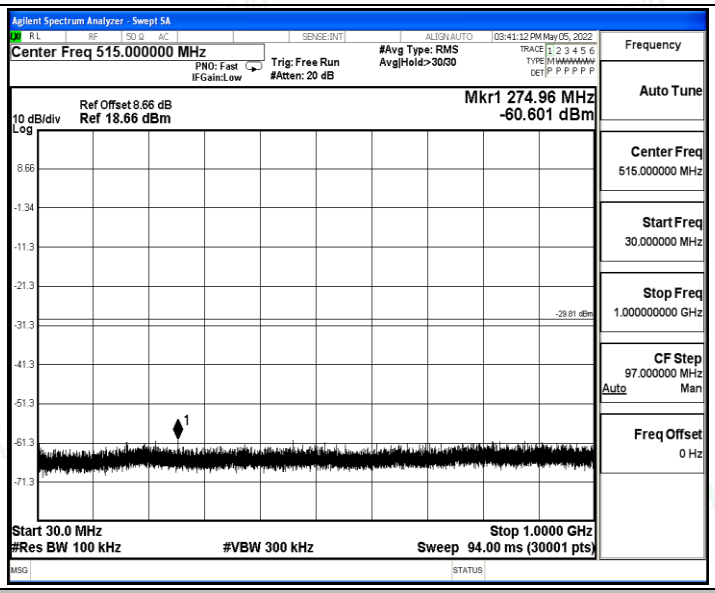

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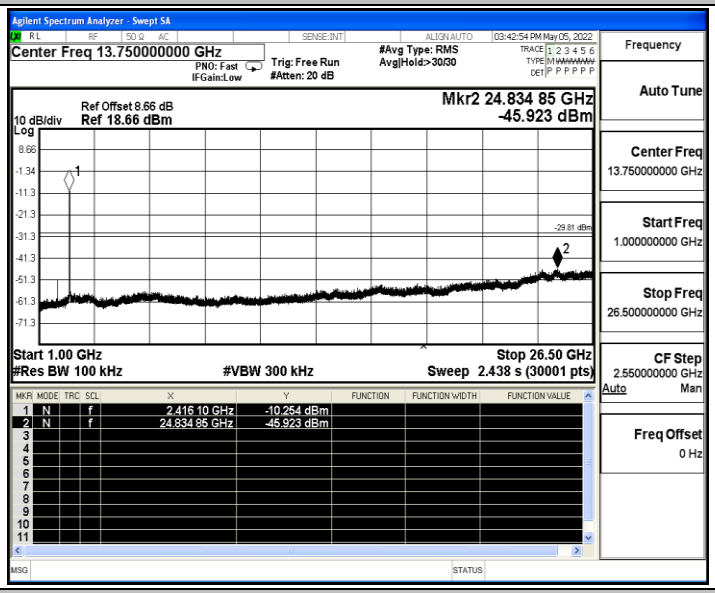

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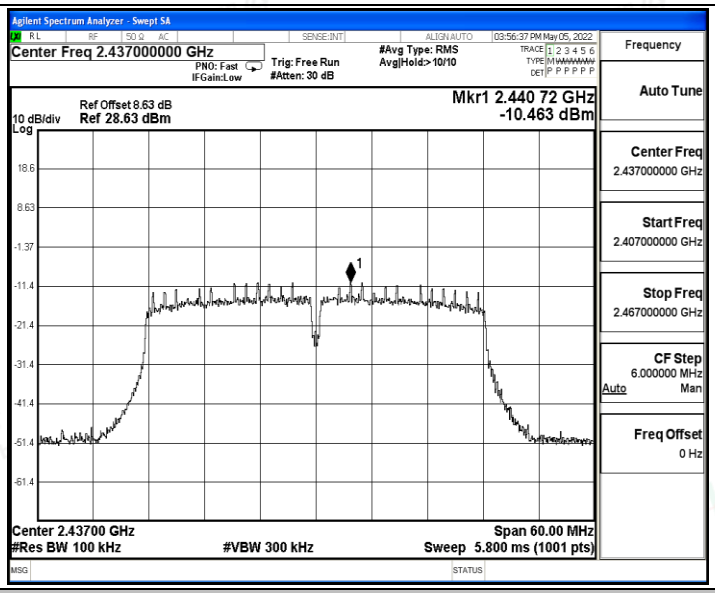

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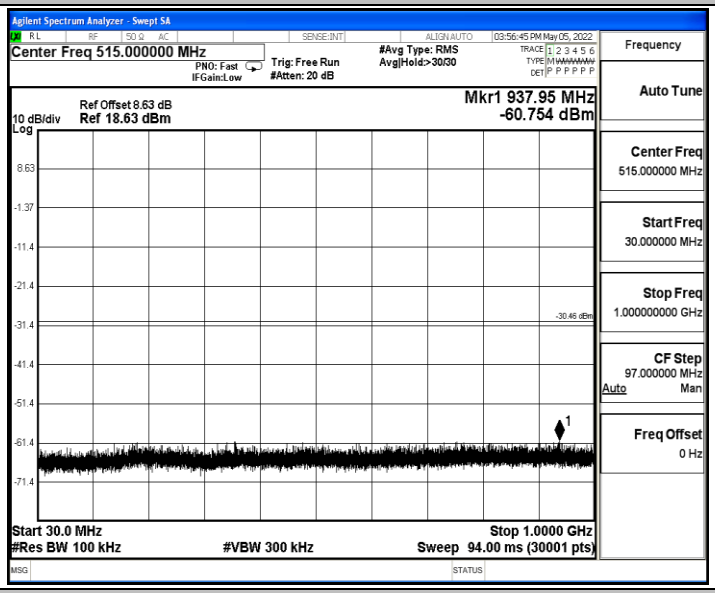

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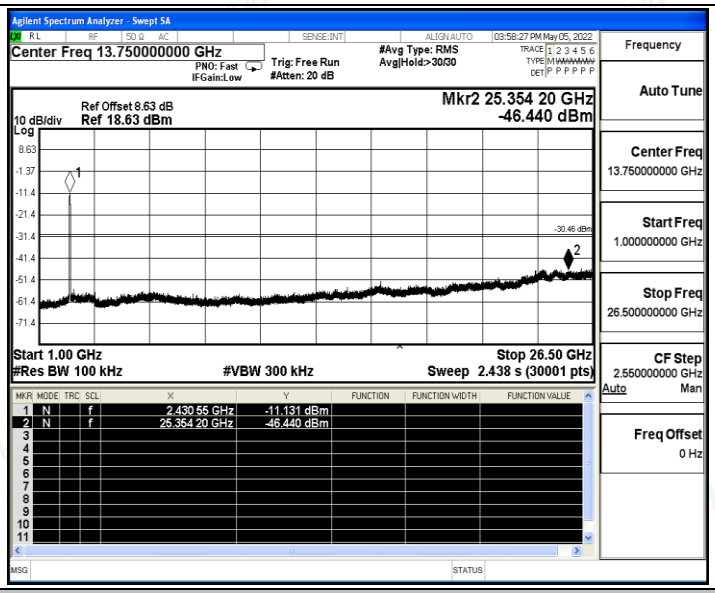
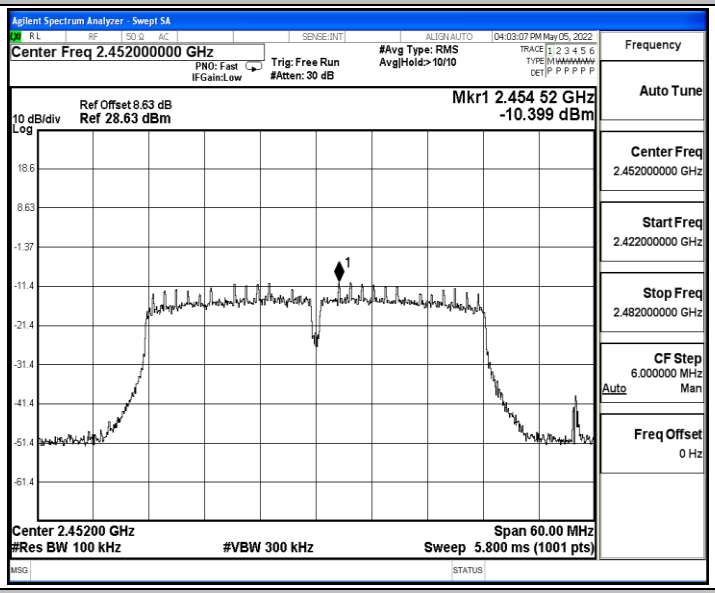


11N40SISO_Ant_2452_0~Reference



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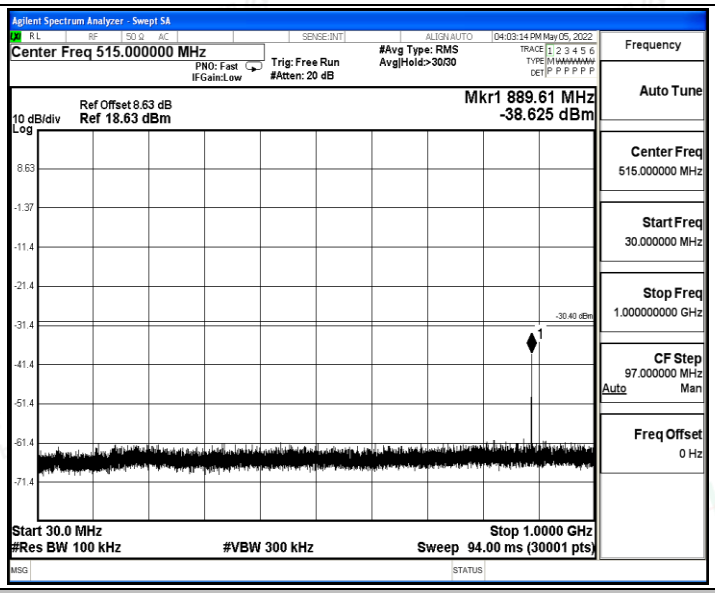

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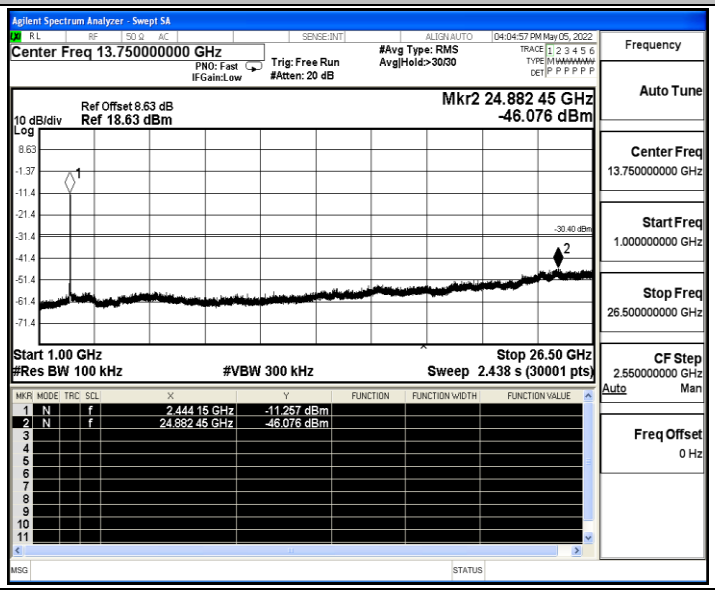


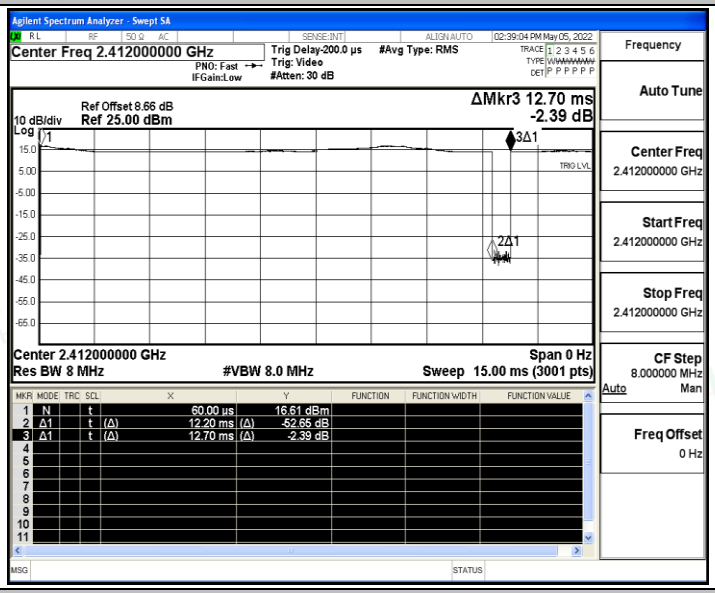
C.6 Duty Cycle

Test Result

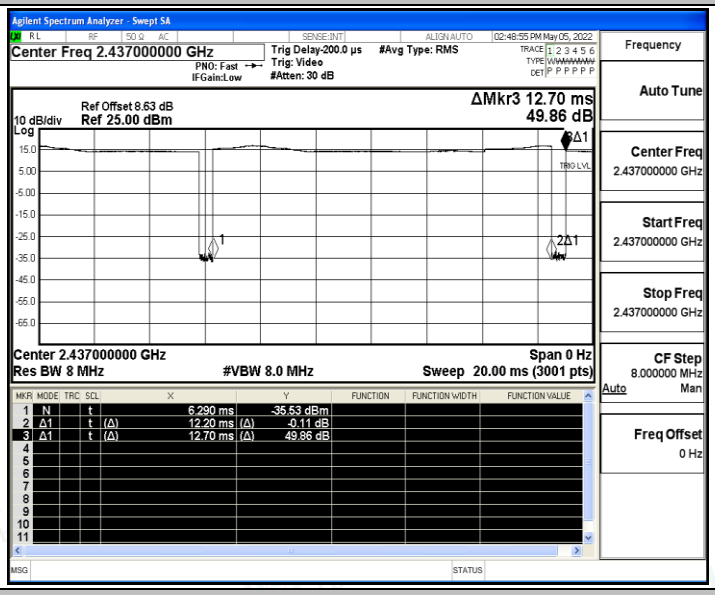
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant	2412	12.20	12.70	96.06	---	---
		2437	12.20	12.70	96.06	---	---
		2462	12.20	12.70	96.06	---	---
11G	Ant	2412	2.02	2.52	80.16	---	---
		2437	2.02	2.52	80.16	---	---
		2462	2.02	2.52	80.16	---	---
11N20SISO	Ant	2412	1.88	2.39	78.66	---	---
		2437	1.89	2.39	79.08	---	---
		2462	1.89	2.39	79.08	---	---
11N40SISO	Ant	2422	0.93	1.43	65.03	---	---
		2437	0.93	1.43	65.03	---	---
		2452	0.92	1.43	64.34	---	---

Test Graphs

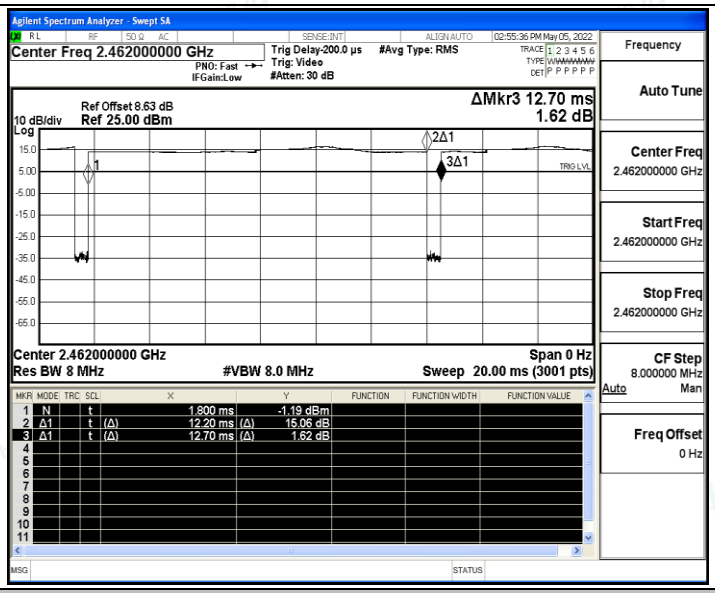
11B_Ant_2412



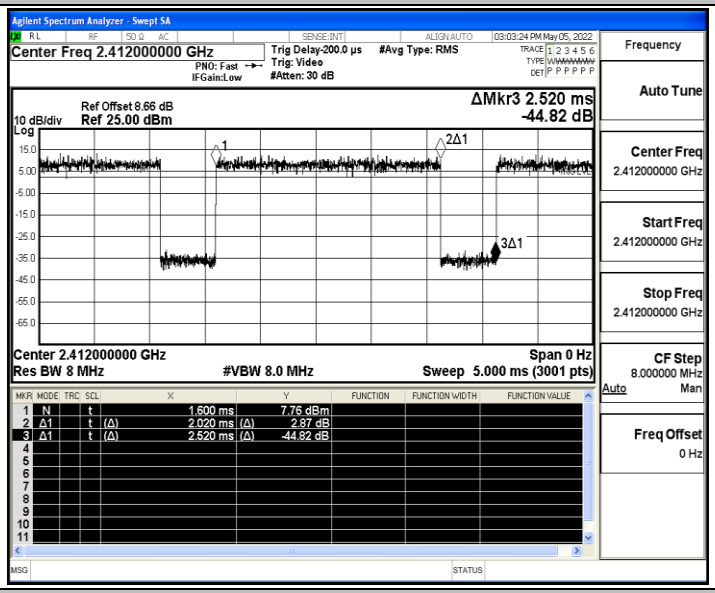
11B_Ant_2437



11B_Ant_2462



11G_Ant_2412



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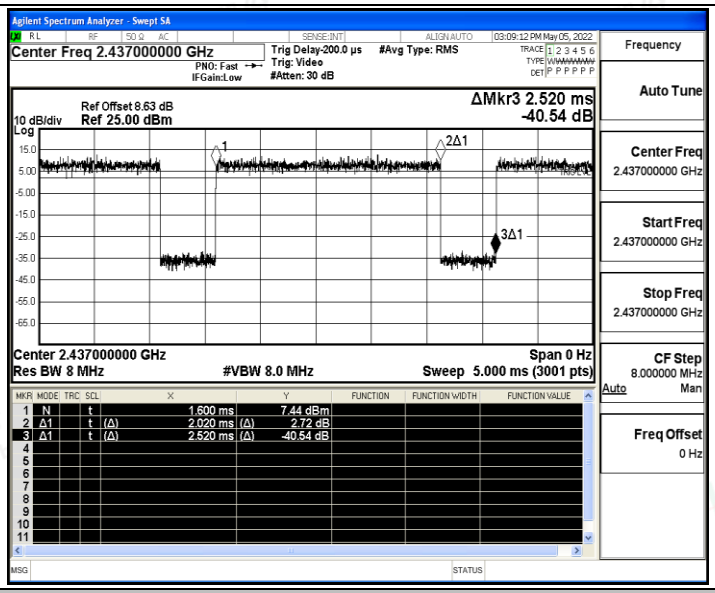

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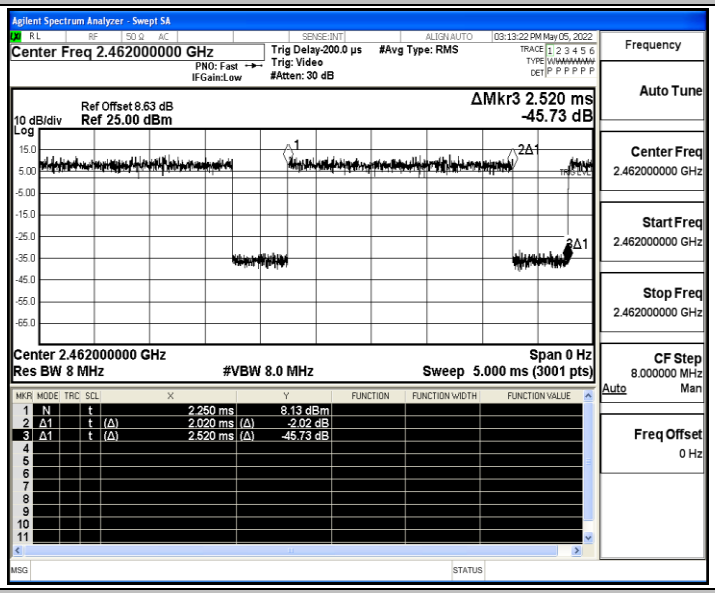
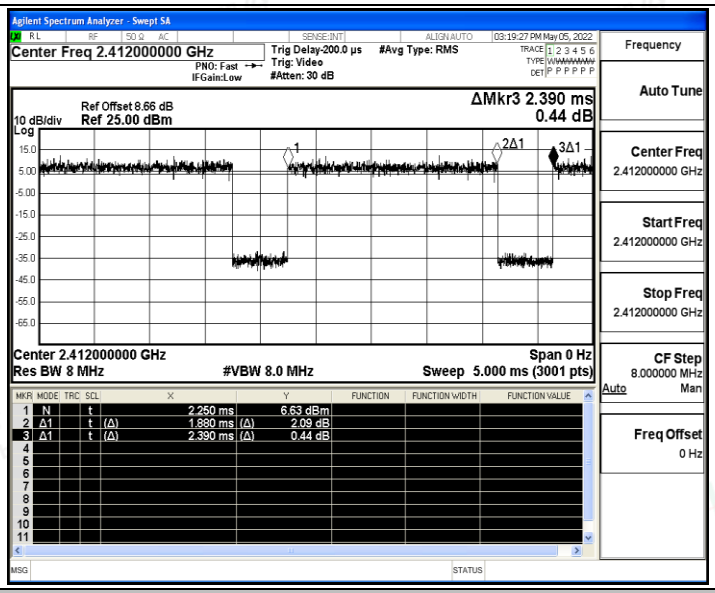


11N20SISO_Ant_2412



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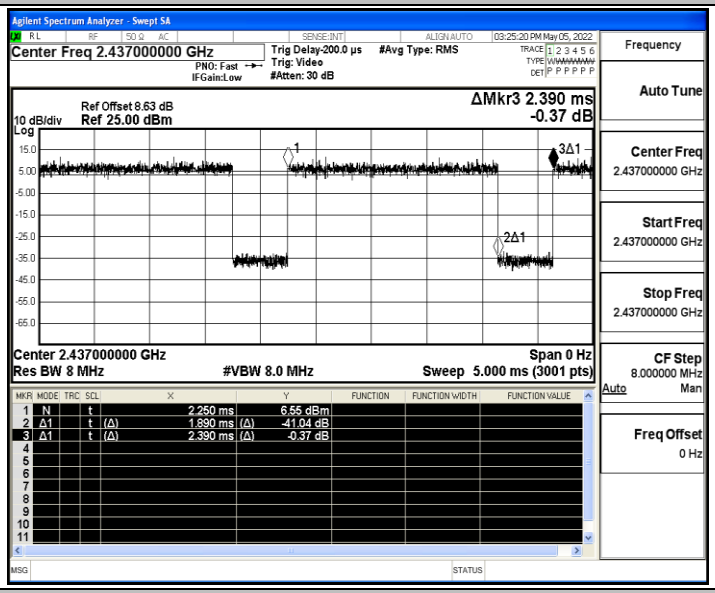

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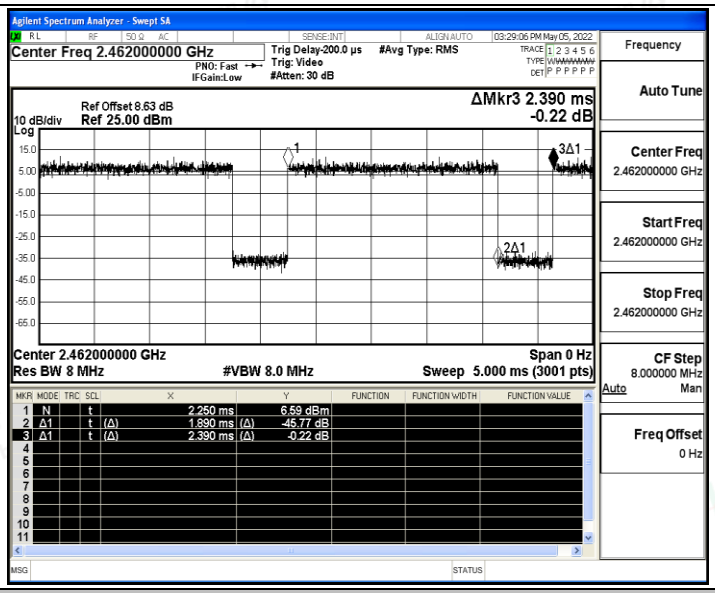
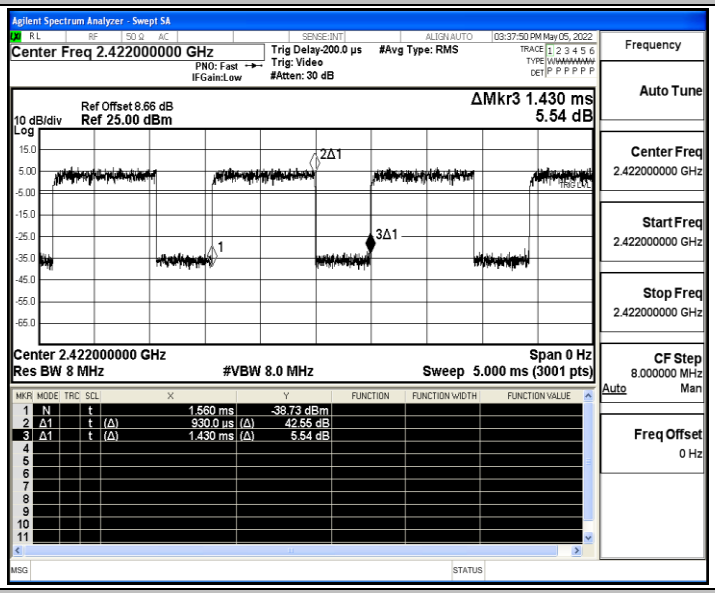


11N40SISO_Ant_2422



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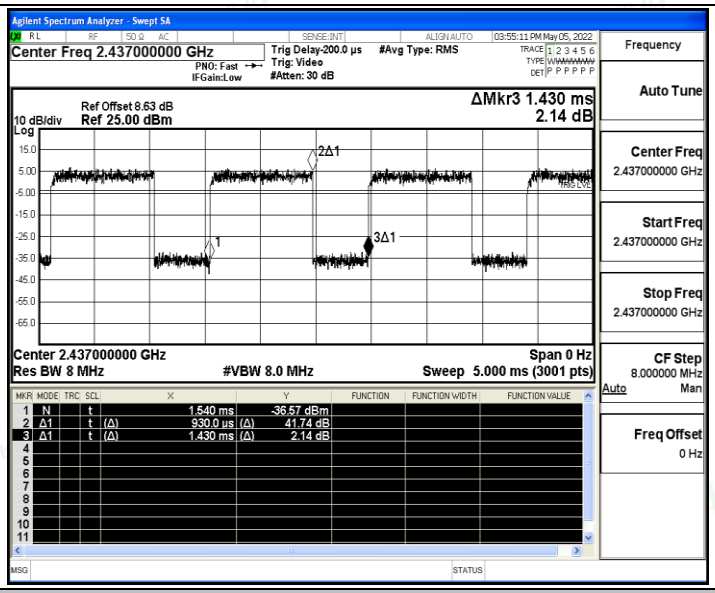
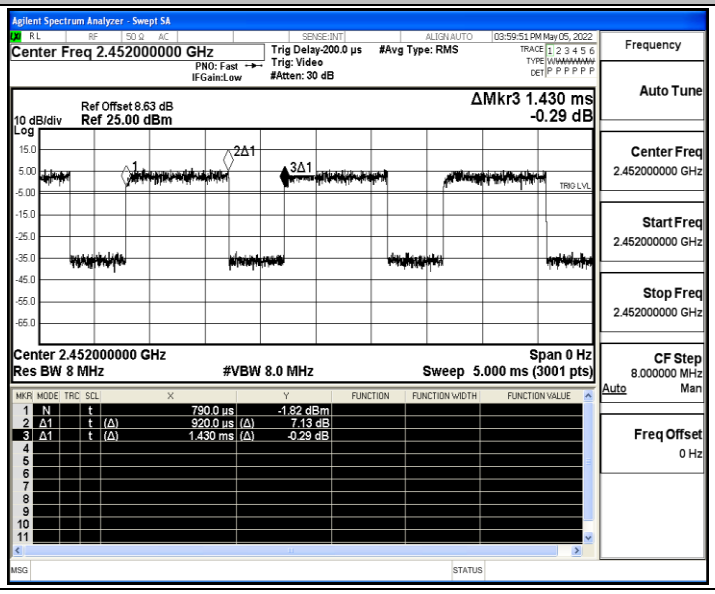


11N40SISO_Ant_2452



C.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	-48.67	≤-41.20	46.53	≤54	PASS
				AV	2389.960	-47.81	≤-41.20	47.39	≤54	PASS
				AV	2390.000	-47.81	≤-41.20	47.39	≤54	PASS
				Peak	2310.000	-38.49	≤-21.20	56.71	≤74	PASS
				Peak	2329.640	-35.57	≤-21.20	59.63	≤74	PASS
				Peak	2390.000	-37.5	≤-21.20	57.70	≤74	PASS
		High	2462	AV	2483.500	-47.57	≤-41.20	47.63	≤54	PASS
				AV	2483.670	-47.51	≤-41.20	47.69	≤54	PASS
				AV	2500.000	-47.52	≤-41.20	47.68	≤54	PASS
				Peak	2483.500	-36.91	≤-21.20	58.29	≤74	PASS
				Peak	2493.240	-35.28	≤-21.20	59.92	≤74	PASS
				Peak	2500.000	-36.67	≤-21.20	58.53	≤74	PASS
11G	Ant	Low	2412	AV	2310.000	-48.41	≤-41.20	46.79	≤54	PASS
				AV	2388.400	-47.7	≤-41.20	47.50	≤54	PASS
				AV	2390.000	-47.93	≤-41.20	47.27	≤54	PASS
				Peak	2310.000	-38.24	≤-21.20	56.96	≤74	PASS
				Peak	2376.310	-35.85	≤-21.20	59.35	≤74	PASS
				Peak	2390.000	-37.72	≤-21.20	57.48	≤74	PASS
		High	2462	AV	2483.500	-47.55	≤-41.20	47.65	≤54	PASS
				AV	2499.840	-47.33	≤-41.20	47.87	≤54	PASS
				AV	2500.000	-47.46	≤-41.20	47.74	≤54	PASS
				Peak	2483.500	-36.55	≤-21.20	58.65	≤74	PASS
				Peak	2483.780	-35.2	≤-21.20	60.00	≤74	PASS
				Peak	2500.000	-37.23	≤-21.20	57.97	≤74	PASS
11N20SISO	Ant	Low	2412	AV	2310.000	-48.46	≤-41.20	46.74	≤54	PASS
				AV	2387.880	-47.81	≤-41.20	47.39	≤54	PASS
				AV	2390.000	-47.92	≤-41.20	47.28	≤54	PASS
				Peak	2310.000	-38.66	≤-21.20	56.54	≤74	PASS
				Peak	2324.050	-36.23	≤-21.20	58.97	≤74	PASS
				Peak	2390.000	-37.73	≤-21.20	57.47	≤74	PASS
		High	2462	AV	2483.500	-47.64	≤-41.20	47.56	≤54	PASS
				AV	2497.530	-47.31	≤-41.20	47.89	≤54	PASS
				AV	2500.000	-47.49	≤-41.20	47.71	≤54	PASS
				Peak	2483.500	-36.86	≤-21.20	58.34	≤74	PASS
				Peak	2483.670	-35.42	≤-21.20	59.78	≤74	PASS

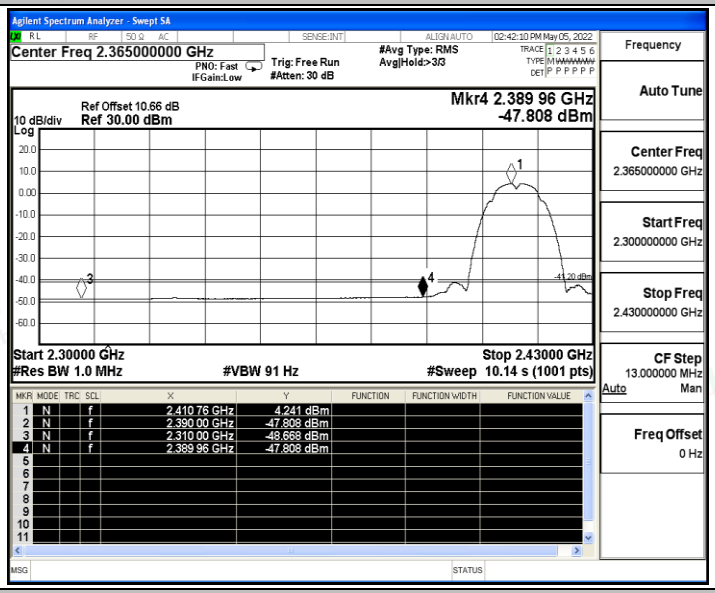
				Peak	2500.000	-36.71	≤-21.20	58.49	≤74	PASS
11N40SISO	Ant	Low	2422	AV	2310.000	-48.04	≤-41.20	47.16	≤54	PASS
				AV	2386.320	-47.34	≤-41.20	47.86	≤54	PASS
				AV	2390.000	-47.72	≤-41.20	47.48	≤54	PASS
				Peak	2310.000	-38.13	≤-21.20	57.07	≤74	PASS
				Peak	2386.580	-35.6	≤-21.20	59.60	≤74	PASS
				Peak	2390.000	-37.48	≤-21.20	57.72	≤74	PASS
		High	2452	AV	2483.500	-47.22	≤-41.20	47.98	≤54	PASS
				AV	2499.730	-46.94	≤-41.20	48.26	≤54	PASS
				AV	2500.000	-47.21	≤-41.20	47.99	≤54	PASS
				Peak	2483.500	-36.7	≤-21.20	58.50	≤74	PASS
				Peak	2484.330	-35.32	≤-21.20	59.88	≤74	PASS
				Peak	2500.000	-37.25	≤-21.20	57.95	≤74	PASS

Note：

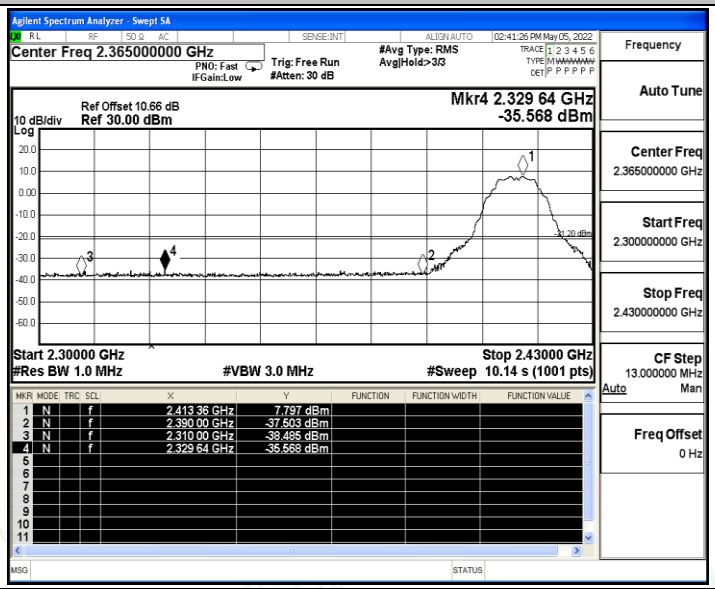
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

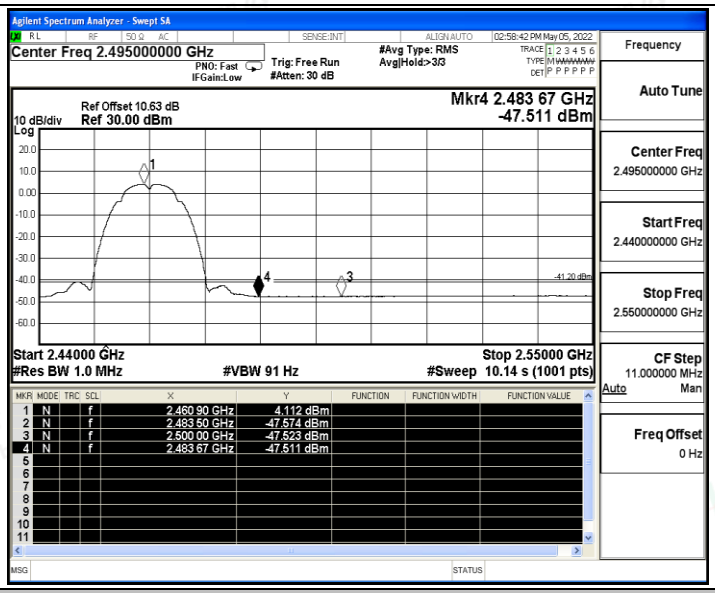
11B_Ant_Low_2412_AV



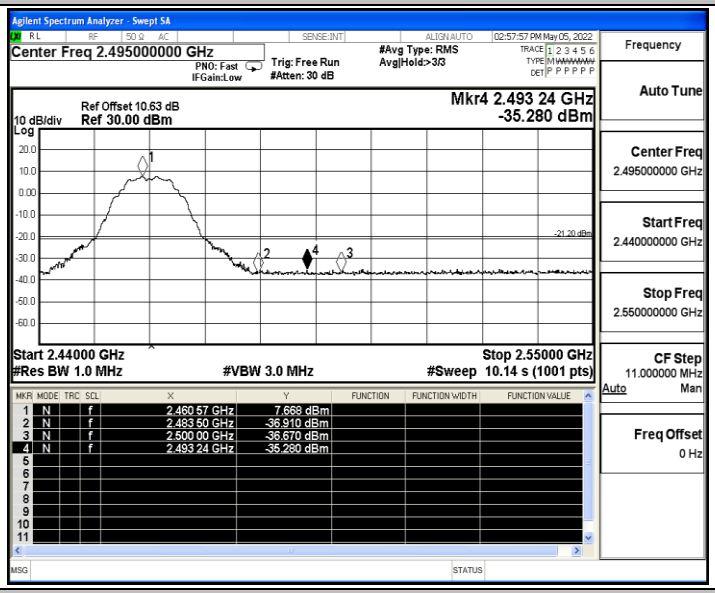
11B_Ant_Low_2412_Peak



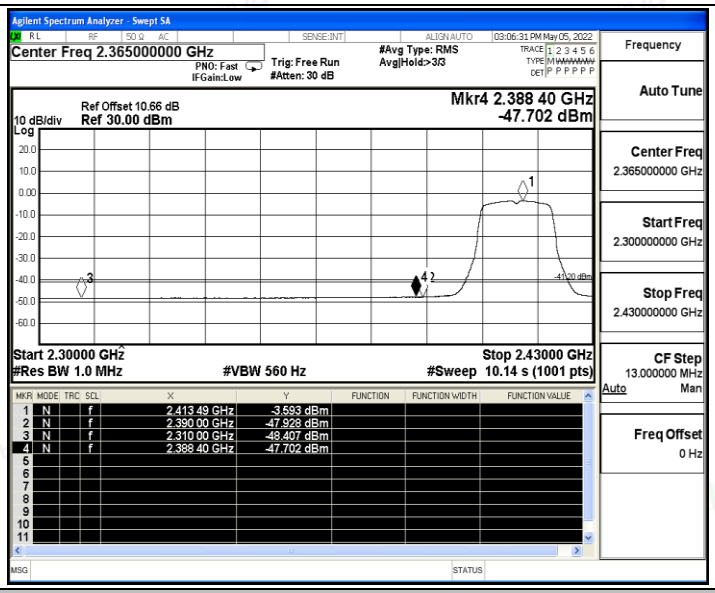
11B_Ant_High_2462_AV



11B_Ant_High_2462_Peak



11G_Ant_Low_2412_AV



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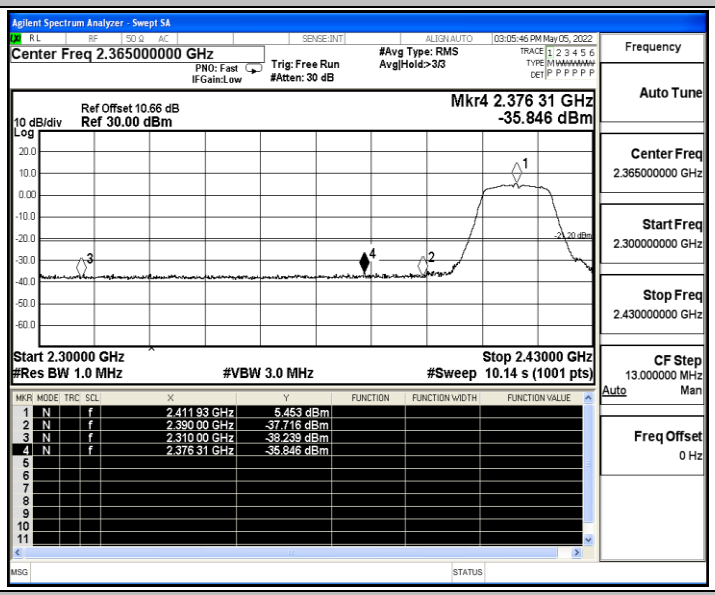
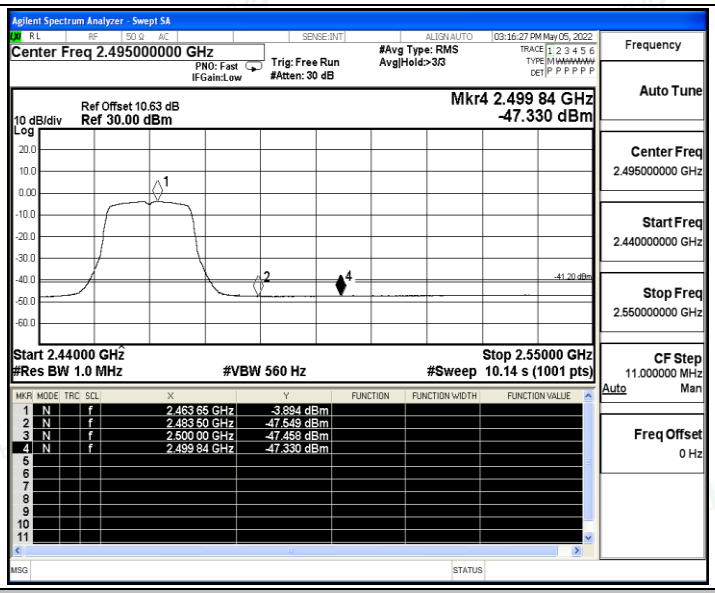
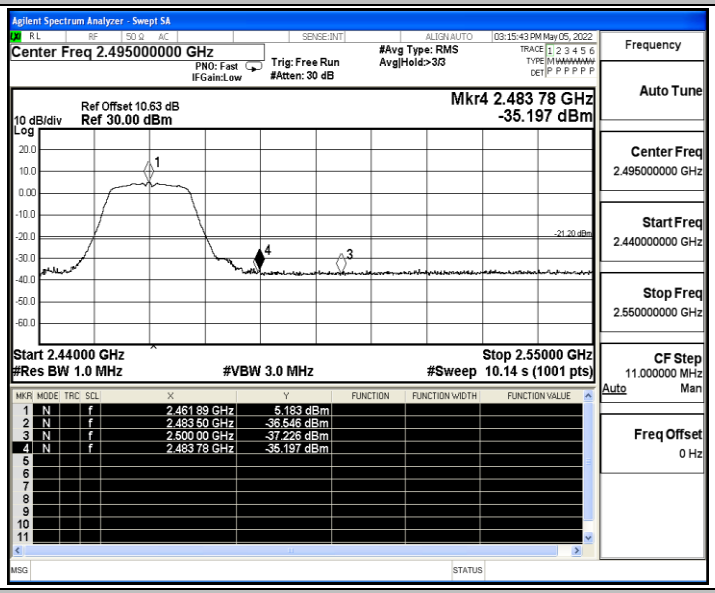


11G_Ant_High_2462_AV



11G_Ant_High_2462_Peak



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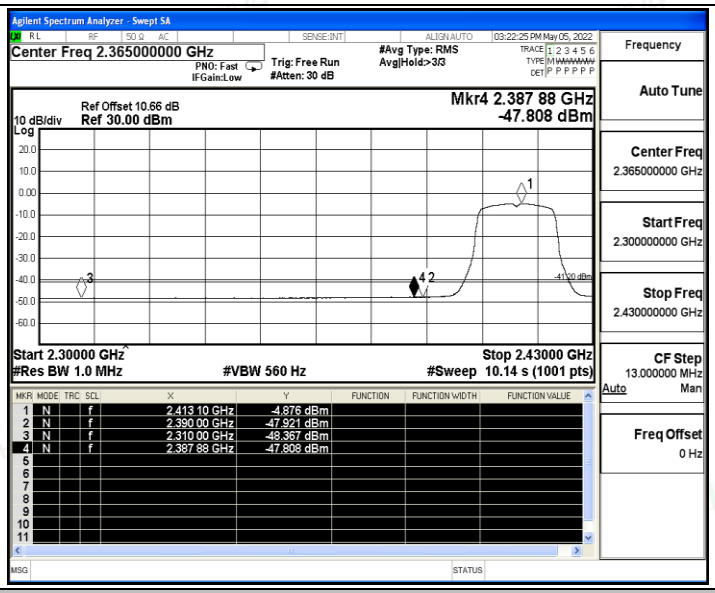

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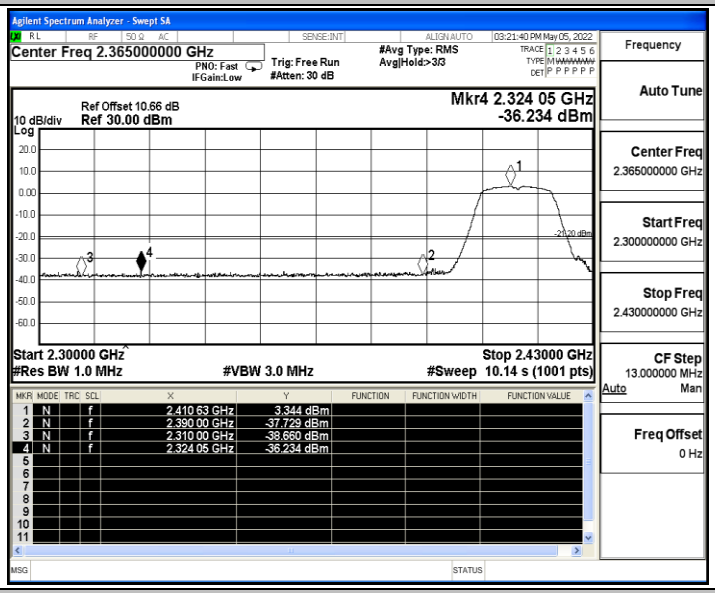
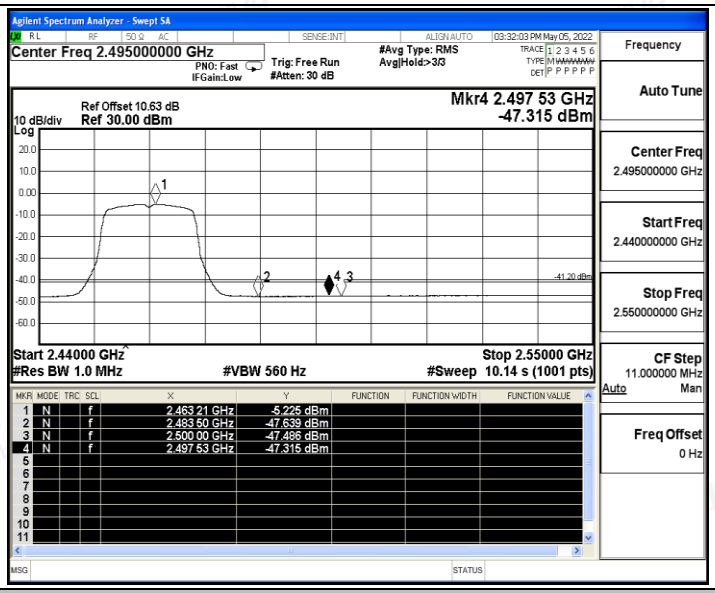


11N20SISO_Ant_High_2462_AV



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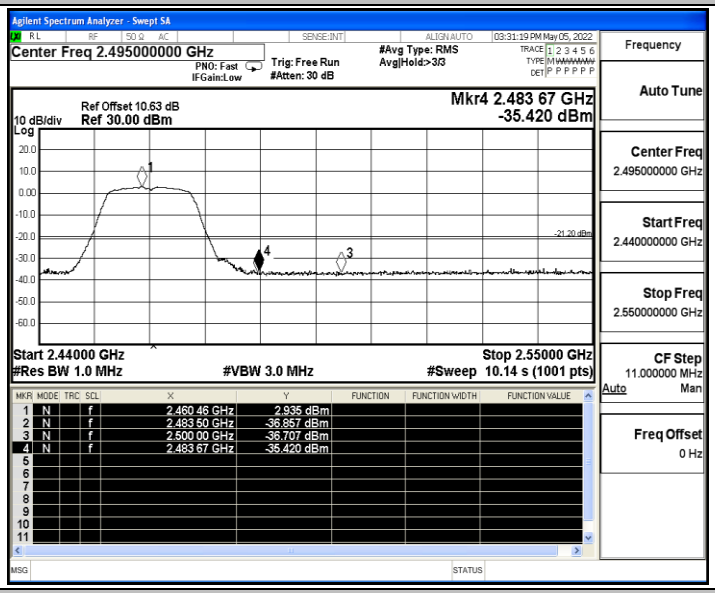

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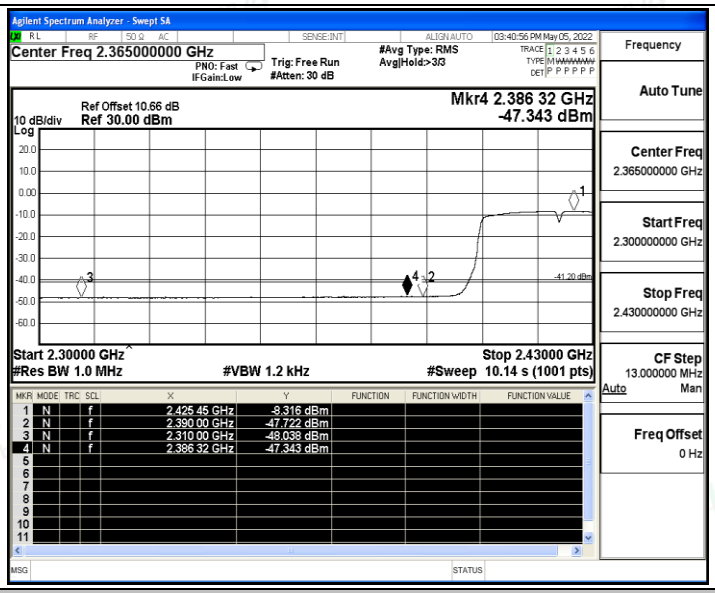
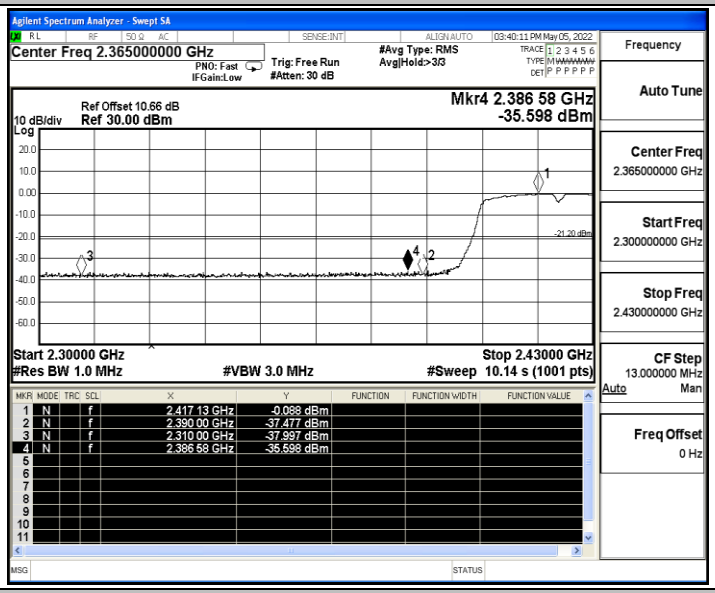


11N40SISO_Ant_Low_2422_Peak



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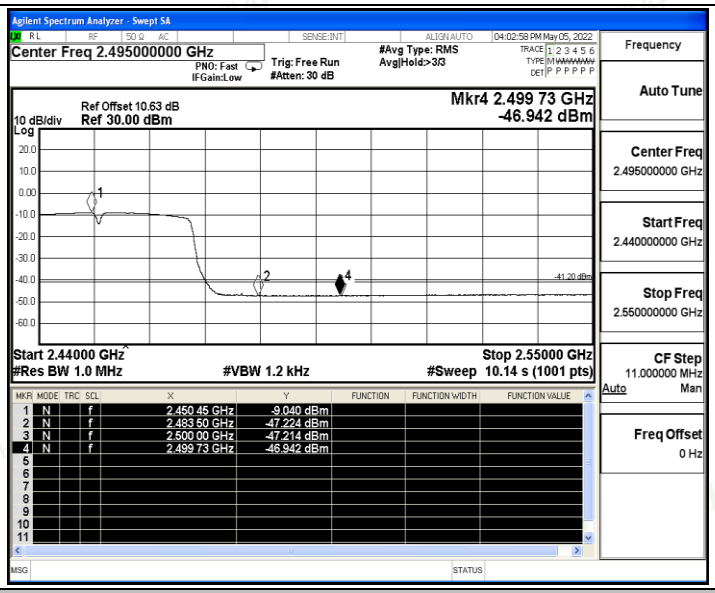
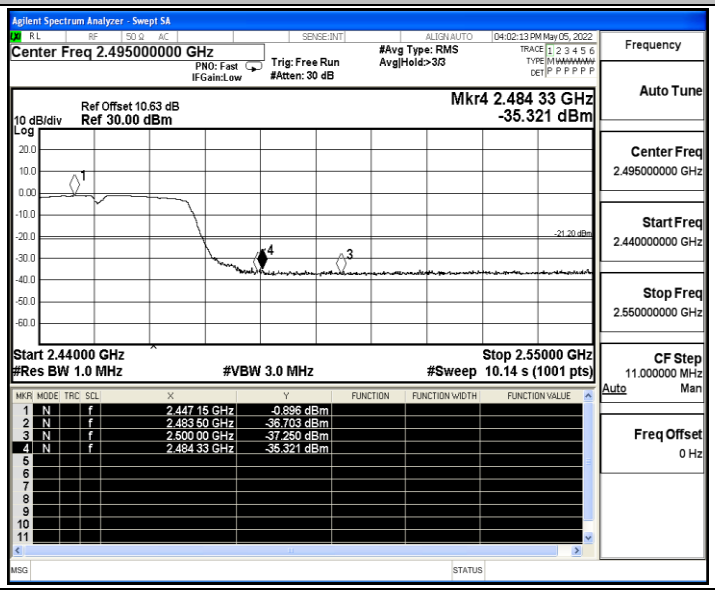
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