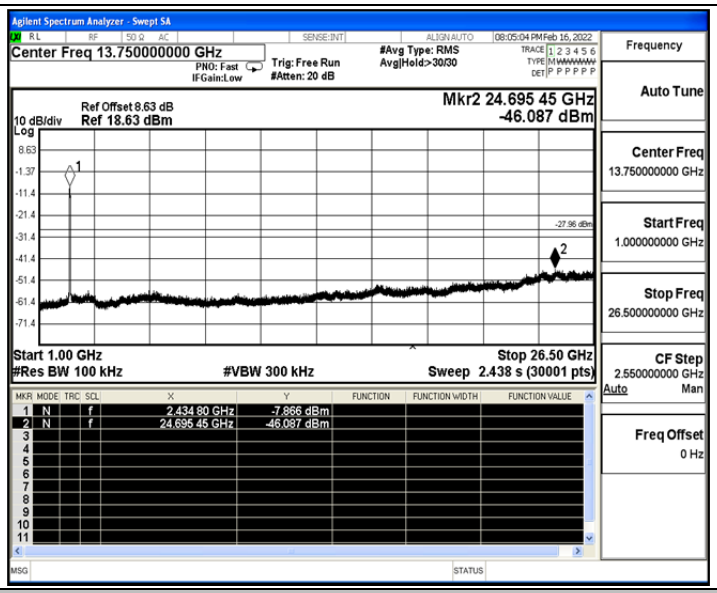
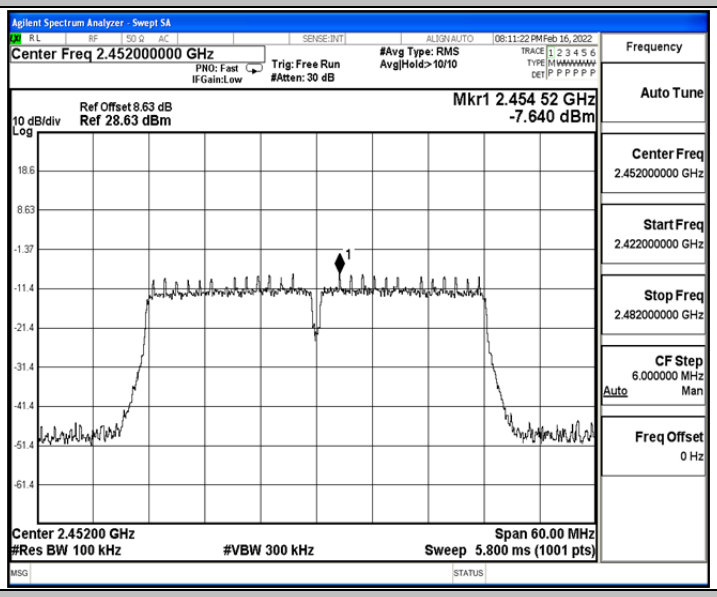
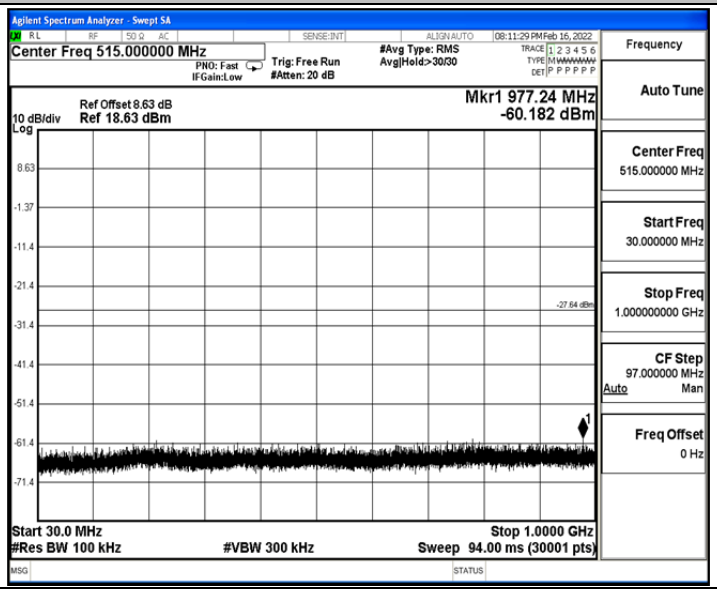


11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



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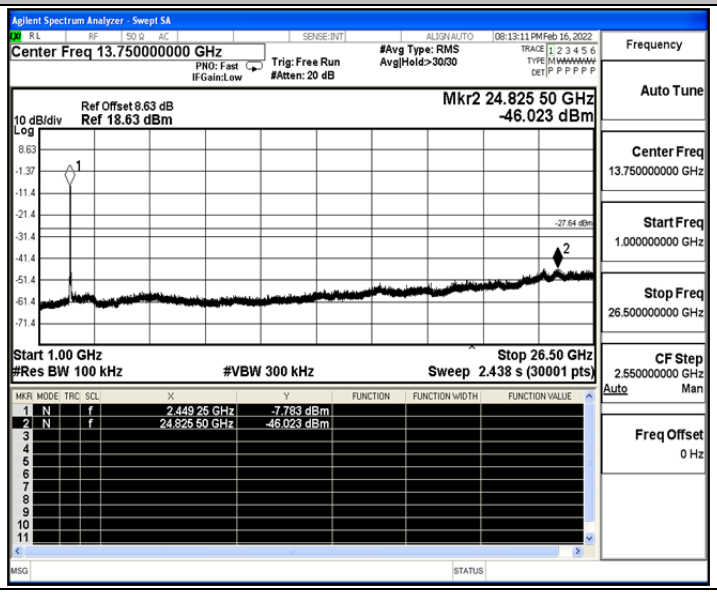


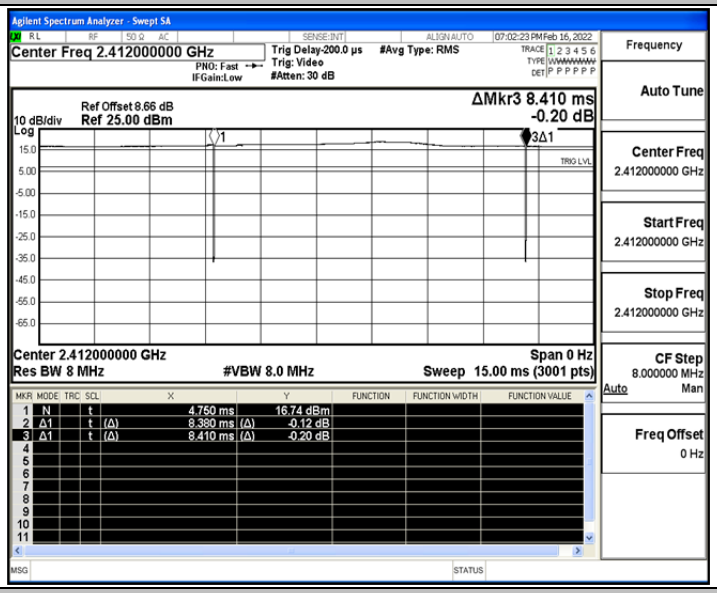
C.6 Duty Cycle

Test Result

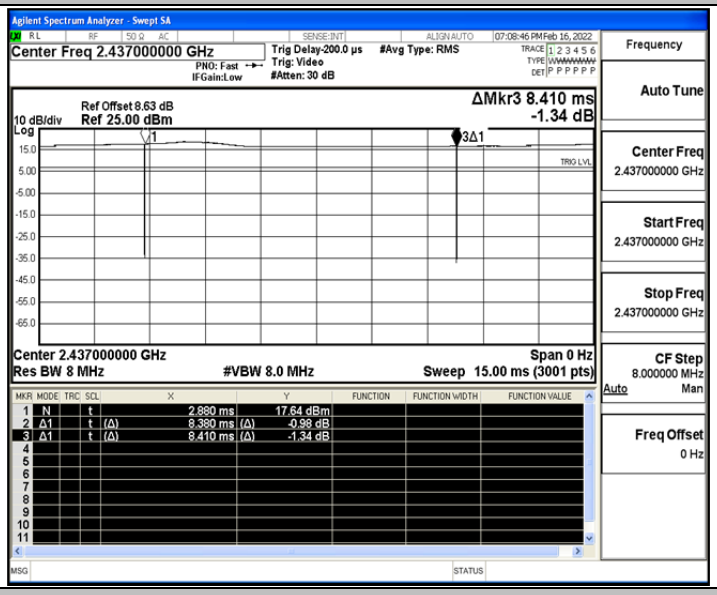
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.41	99.64	---	---
		2437	8.38	8.41	99.64	---	---
		2462	8.38	8.41	99.64	---	---
11G	Ant1	2412	1.40	1.43	97.90	---	---
		2437	1.39	1.42	97.89	---	---
		2462	1.39	1.43	97.20	---	---
11N20SISO	Ant1	2412	1.30	1.34	97.01	---	---
		2437	1.30	1.33	97.74	---	---
		2462	1.30	1.34	97.01	---	---
11N40SISO	Ant1	2422	0.65	0.68	95.59	---	---
		2437	0.65	0.68	95.59	---	---
		2452	0.64	0.68	94.12	---	---

Test Graphs

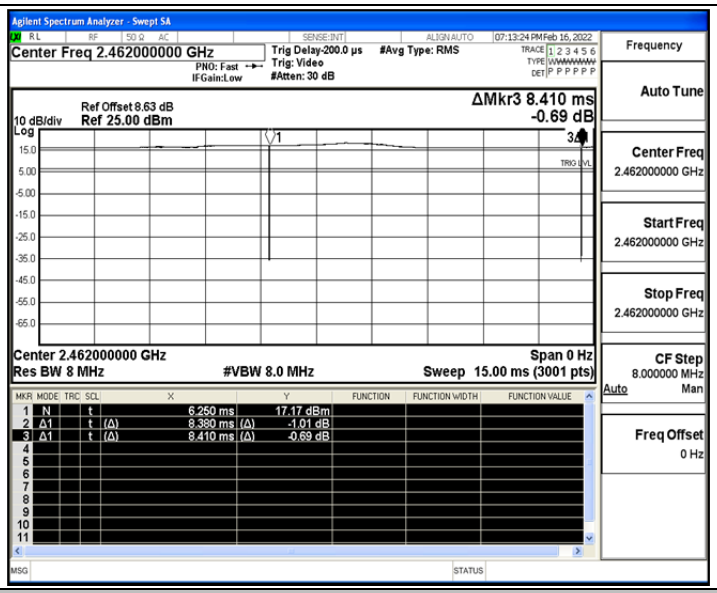
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



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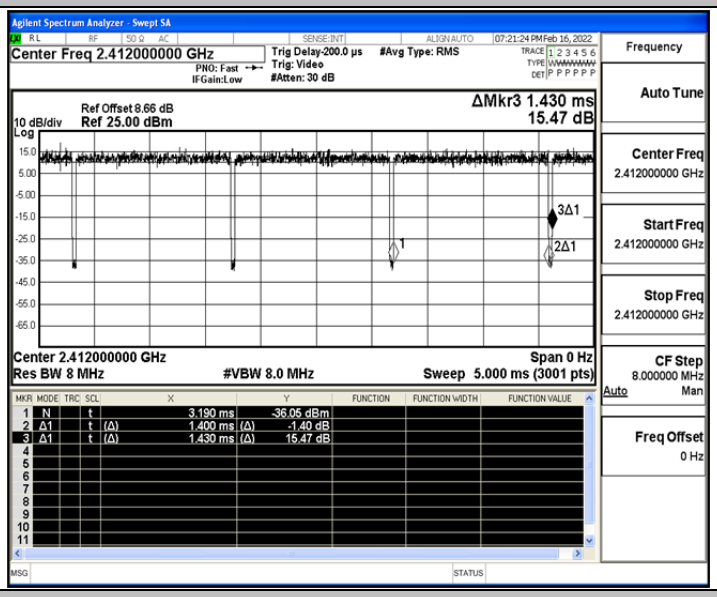

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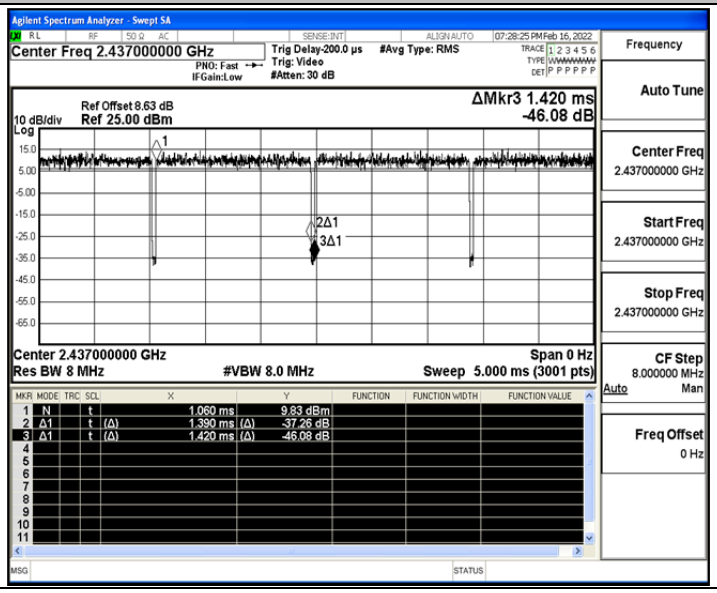

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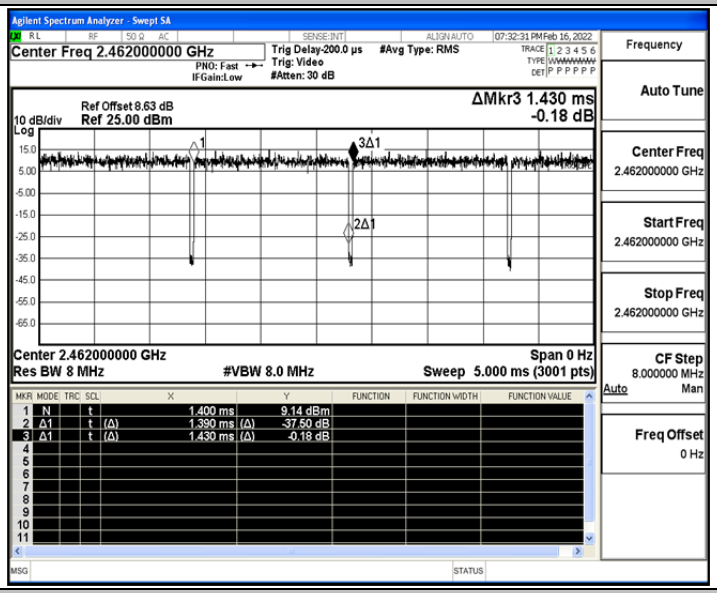
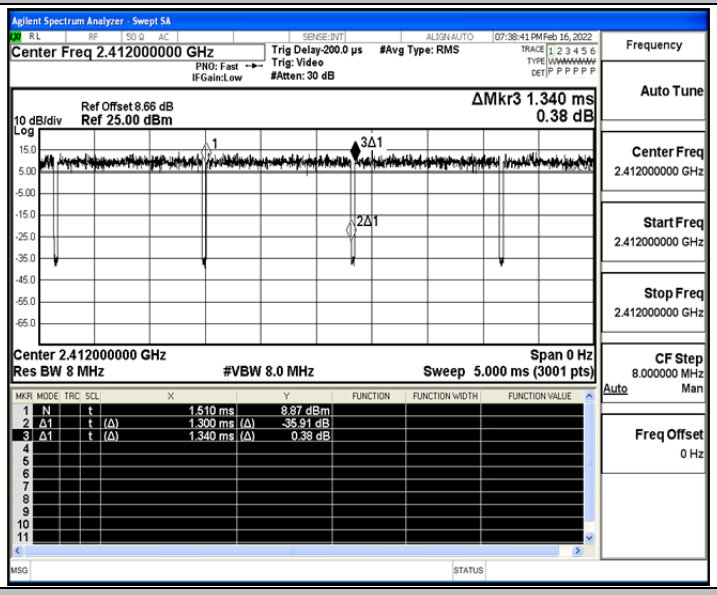


11N20SISO_Ant1_2412



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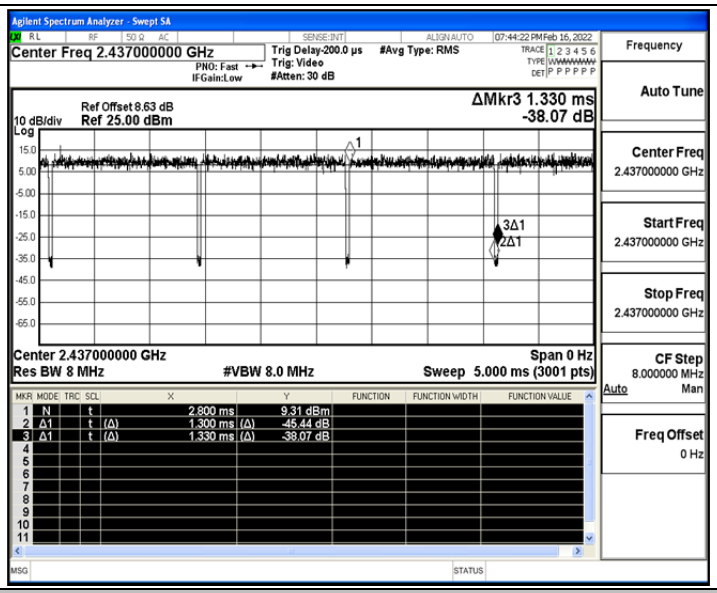

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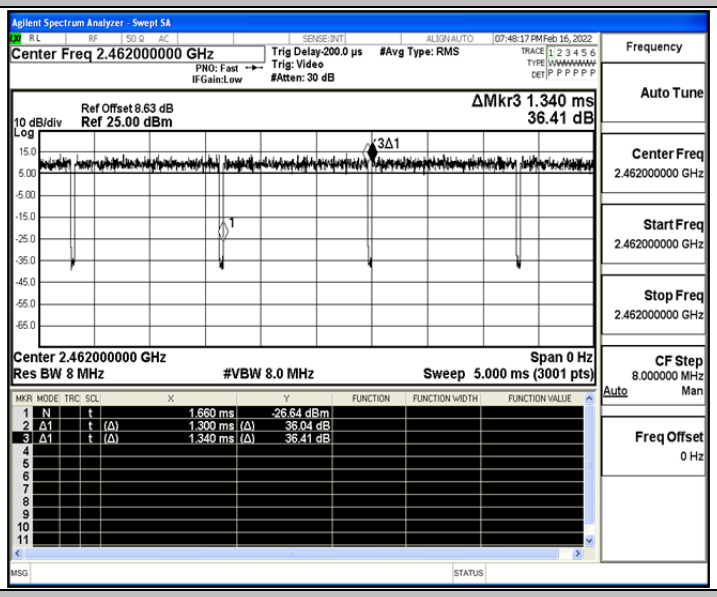

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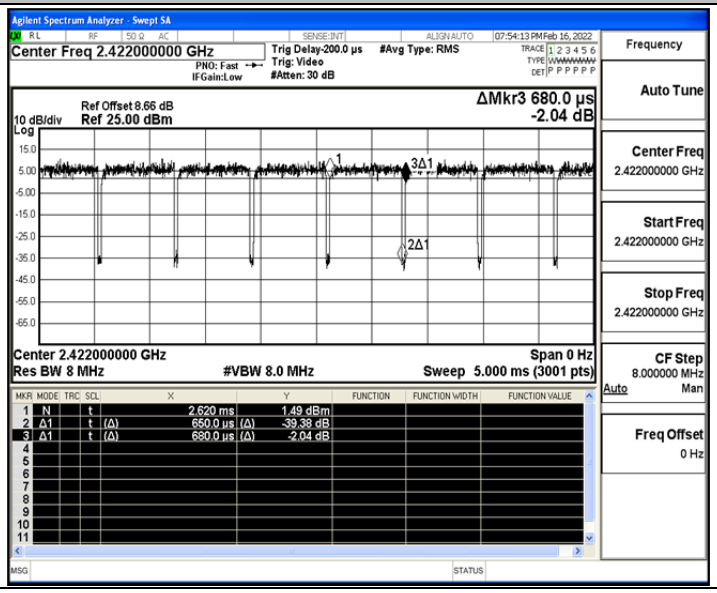

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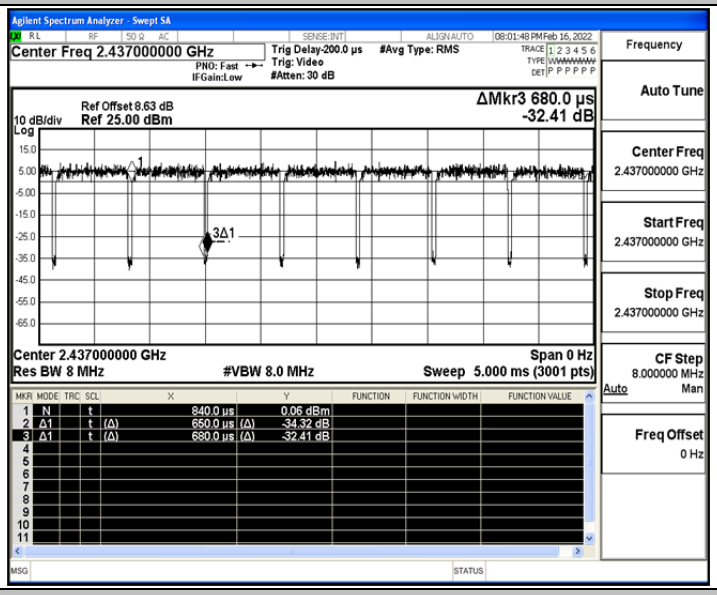
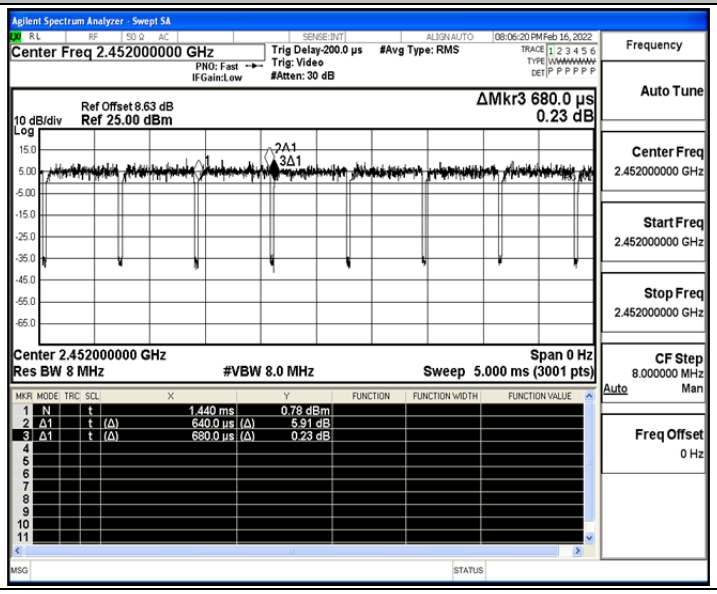


11N40SISO_Ant1_2452



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	Ant1	Low	2412	AV	2310.000	-48.79	≤-41.20	46.41	≤54	PASS
				AV	2388.140	-47.46	≤-41.20	47.74	≤54	PASS
				AV	2390.000	-47.72	≤-41.20	47.48	≤54	PASS
				Peak	2310.000	-38.39	≤-21.20	56.81	≤74	PASS
				Peak	2366.820	-35.52	≤-21.20	59.68	≤74	PASS
				Peak	2390.000	-36.13	≤-21.20	59.07	≤74	PASS
		High	2462	AV	2483.500	-47.75	≤-41.20	47.45	≤54	PASS
				AV	2485.870	-47.61	≤-41.20	47.59	≤54	PASS
				AV	2500.000	-47.85	≤-41.20	47.35	≤54	PASS
				Peak	2483.500	-36.81	≤-21.20	58.39	≤74	PASS
				Peak	2497.640	-36.01	≤-21.20	59.19	≤74	PASS
				Peak	2500.000	-36.92	≤-21.20	58.28	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.35	≤-41.20	46.85	≤54	PASS
				AV	2389.830	-46.99	≤-41.20	48.21	≤54	PASS
				AV	2390.000	-47.06	≤-41.20	48.14	≤54	PASS
				Peak	2310.000	-38.01	≤-21.20	57.19	≤74	PASS
				Peak	2387.490	-35.73	≤-21.20	59.47	≤74	PASS
				Peak	2390.000	-36.99	≤-21.20	58.21	≤74	PASS
		High	2462	AV	2483.500	-46.3	≤-41.20	48.90	≤54	PASS
				AV	2484.880	-46.4	≤-41.20	48.80	≤54	PASS
				AV	2500.000	-46.84	≤-41.20	48.36	≤54	PASS
				Peak	2483.500	-34.18	≤-21.20	61.02	≤74	PASS
				Peak	2484.660	-32.26	≤-21.20	62.94	≤74	PASS
				Peak	2500.000	-36.77	≤-21.20	58.43	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-48.38	≤-41.20	46.82	≤54	PASS
				AV	2389.830	-46.68	≤-41.20	48.52	≤54	PASS
				AV	2390.000	-46.72	≤-41.20	48.48	≤54	PASS
				Peak	2310.000	-38.72	≤-21.20	56.48	≤74	PASS
				Peak	2389.050	-32.32	≤-21.20	62.88	≤74	PASS
				Peak	2390.000	-33.18	≤-21.20	62.02	≤74	PASS
		High	2462	AV	2483.500	-46.12	≤-41.20	49.08	≤54	PASS
				AV	2483.890	-46.09	≤-41.20	49.11	≤54	PASS
				AV	2500.000	-46.86	≤-41.20	48.34	≤54	PASS
				Peak	2483.500	-33.48	≤-21.20	61.72	≤74	PASS
				Peak	2484.110	-29.21	≤-21.20	65.99	≤74	PASS
				Peak	2500.000	-36.77	≤-21.20	58.43	≤74	PASS
11N40SI	Ant1	Low	2422	AV	2310.000	-48.2	≤-41.20	47.00	≤54	PASS

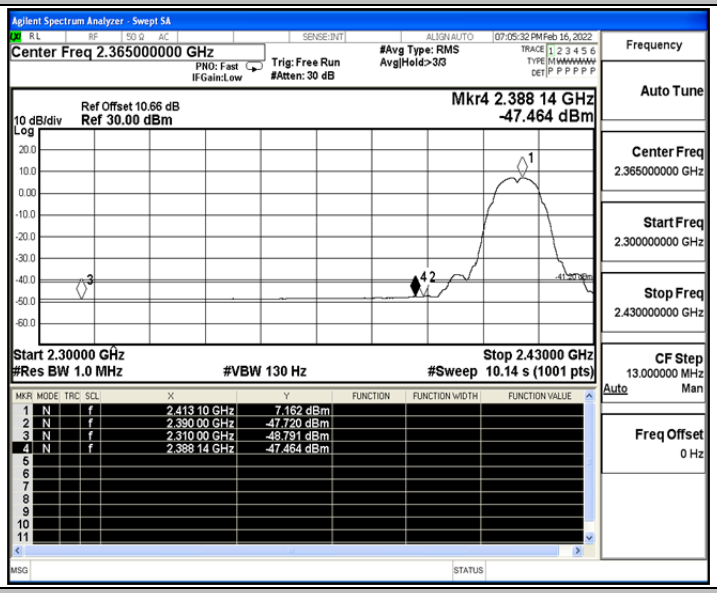
SO				AV	2389.700	-46.2	≤-41.20	49.00	≤54	PASS
				AV	2390.000	-46.47	≤-41.20	48.73	≤54	PASS
				Peak	2310.000	-38.3	≤-21.20	56.90	≤74	PASS
				Peak	2388.010	-30.74	≤-21.20	64.46	≤74	PASS
				Peak	2390.000	-33.33	≤-21.20	61.87	≤74	PASS
		High	2452	AV	2483.500	-45.51	≤-41.20	49.69	≤54	PASS
				AV	2484.440	-45.2	≤-41.20	50.00	≤54	PASS
				AV	2500.000	-46.73	≤-41.20	48.47	≤54	PASS
				Peak	2483.500	-30.16	≤-21.20	65.04	≤74	PASS
				Peak	2484.660	-29.07	≤-21.20	66.13	≤74	PASS
				Peak	2500.000	-37.21	≤-21.20	57.99	≤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_Ant1_Low_2412_AV



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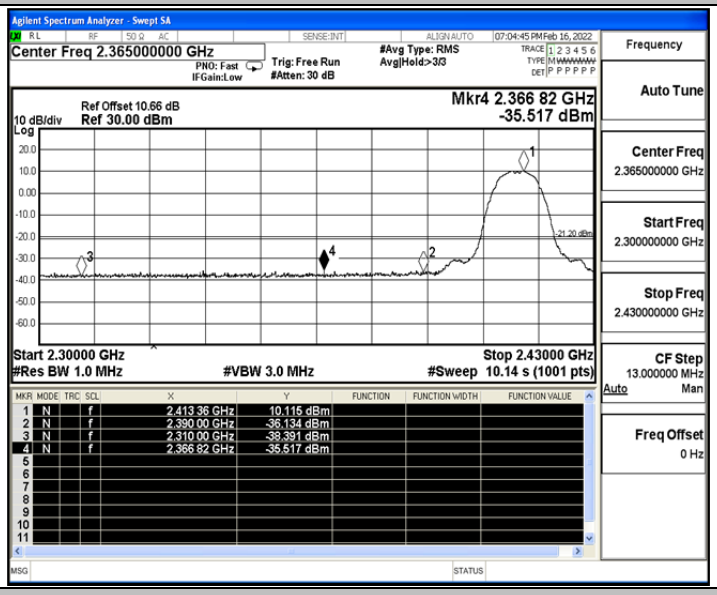
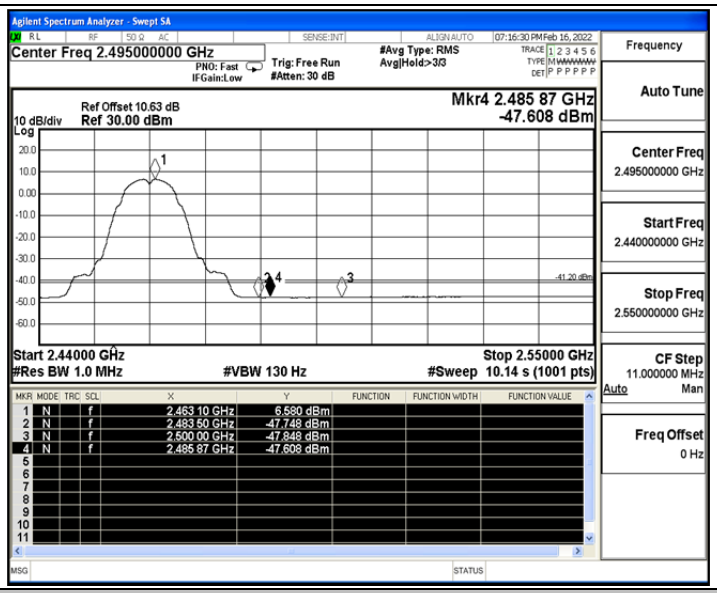


11B_Ant1_High_2462_AV



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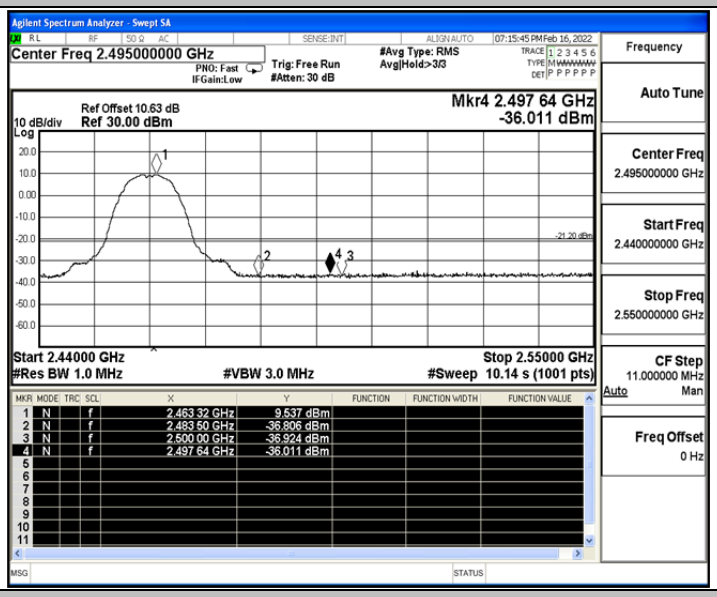

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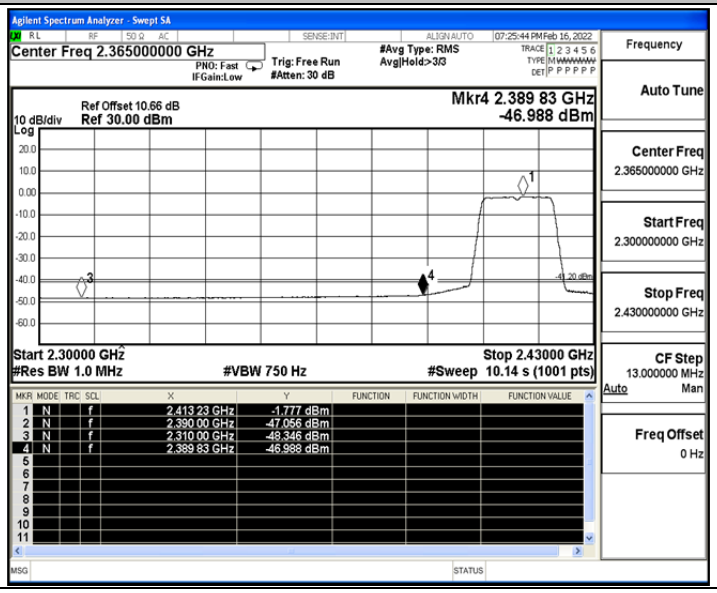

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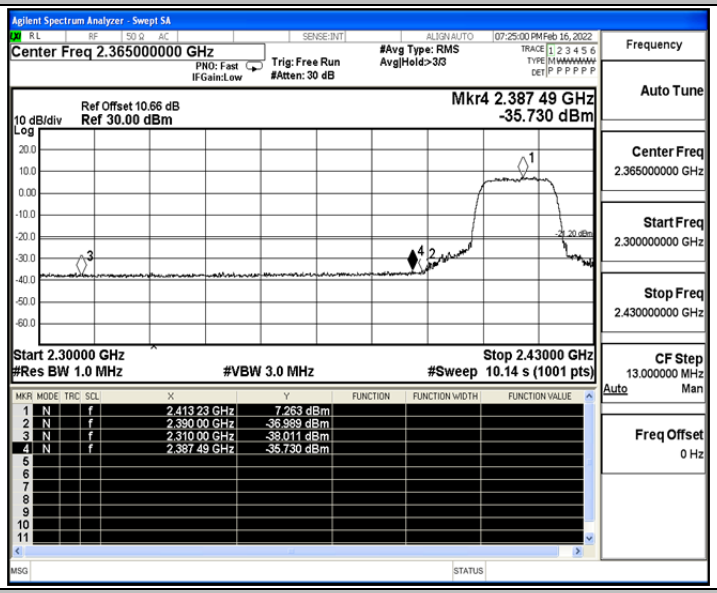

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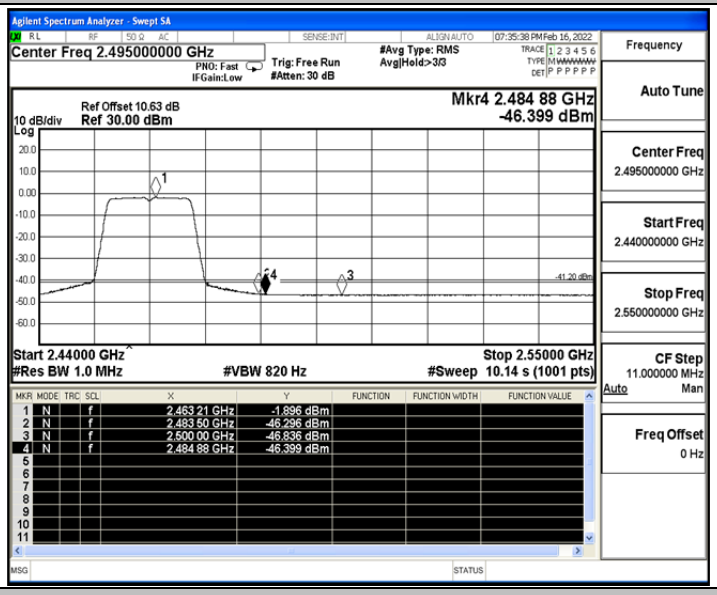

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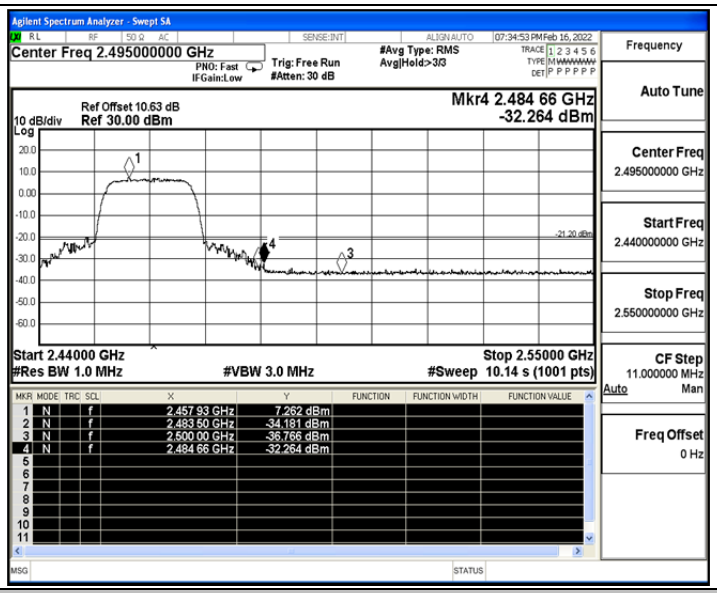
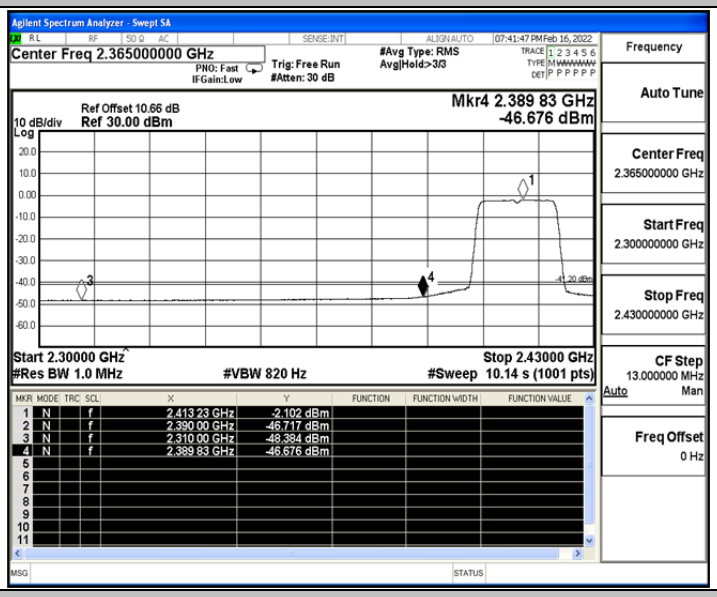


11N20SISO_Ant1_Low_2412_AV



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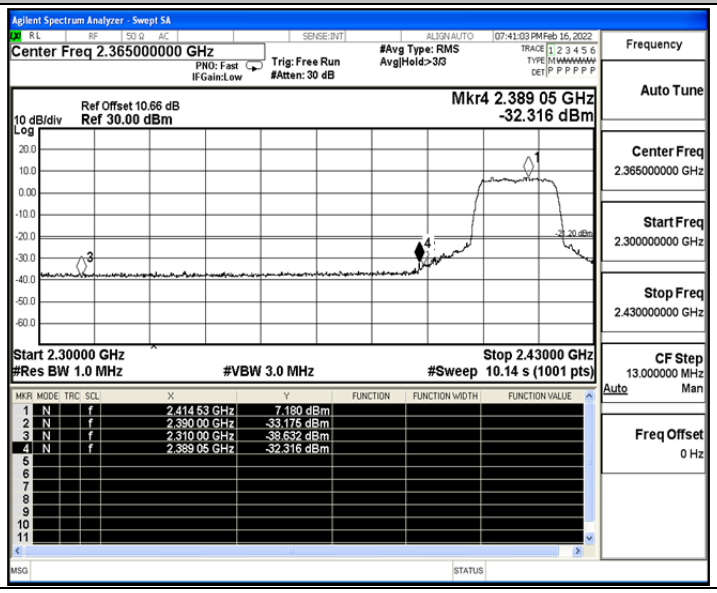

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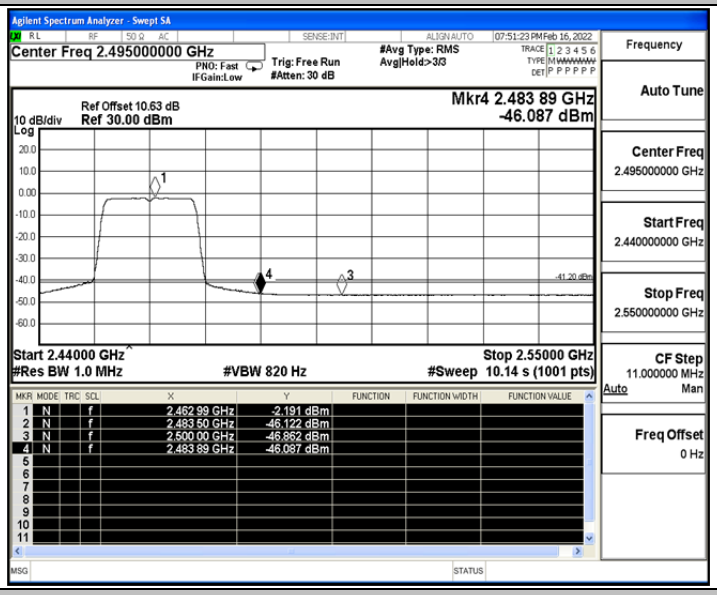

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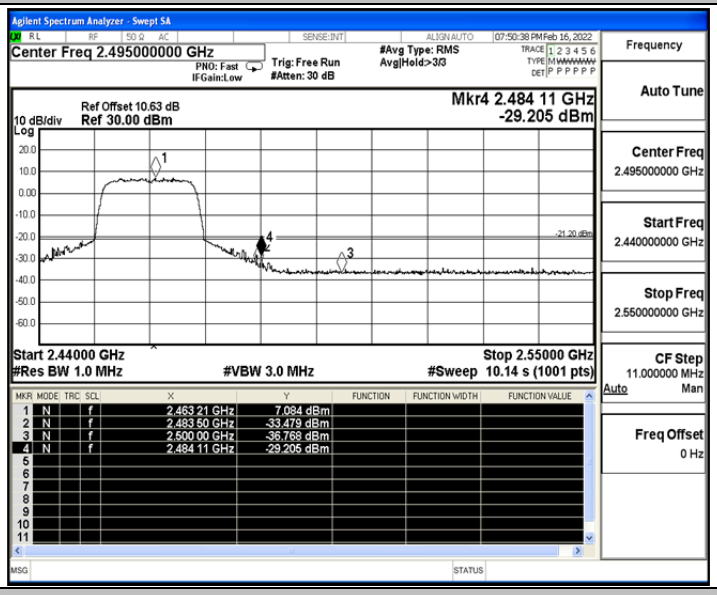
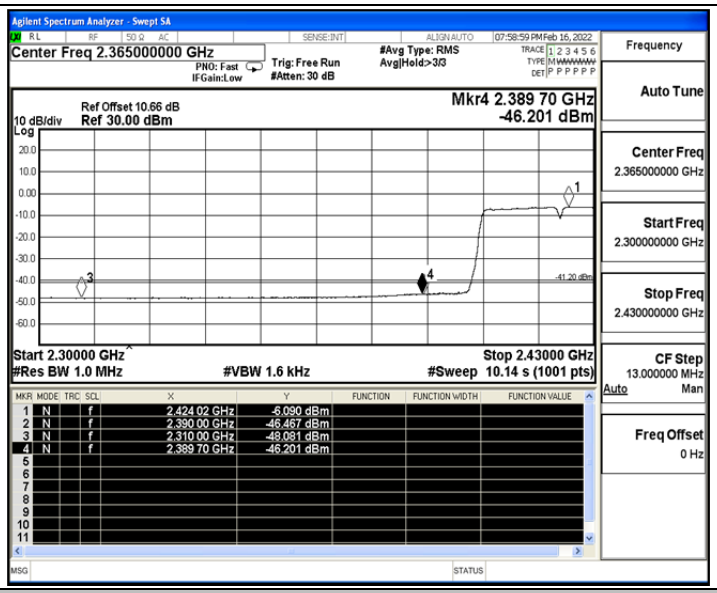


11N40SISO_Ant1_Low_2422_AV



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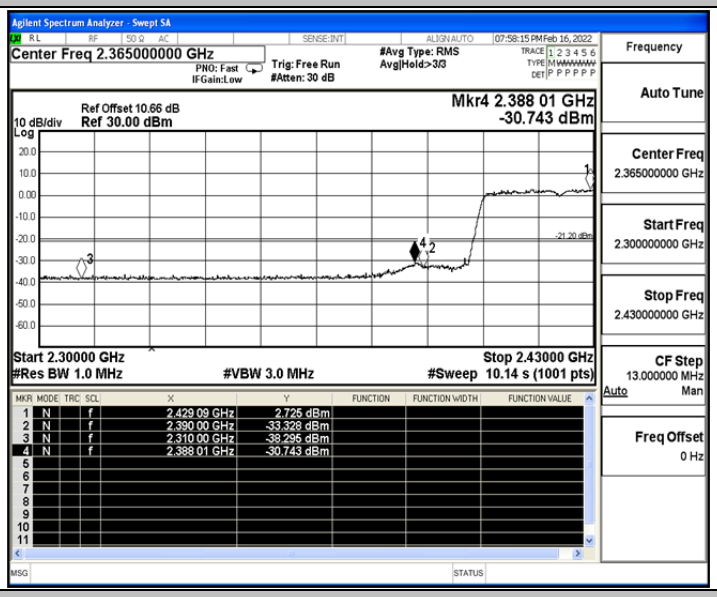
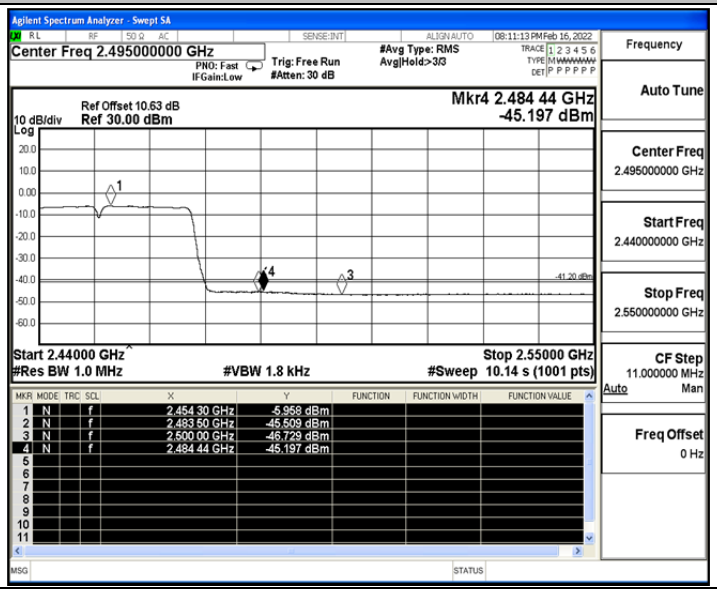
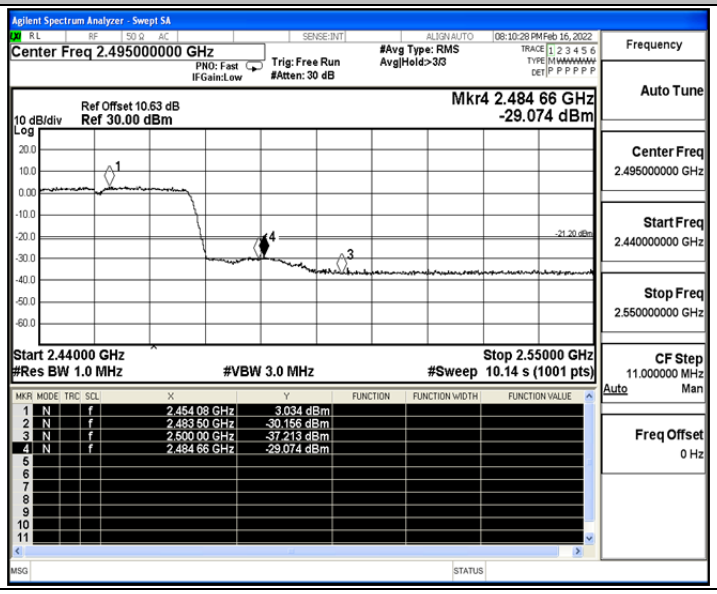


11N40SISO_Ant1_High_2452_AV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