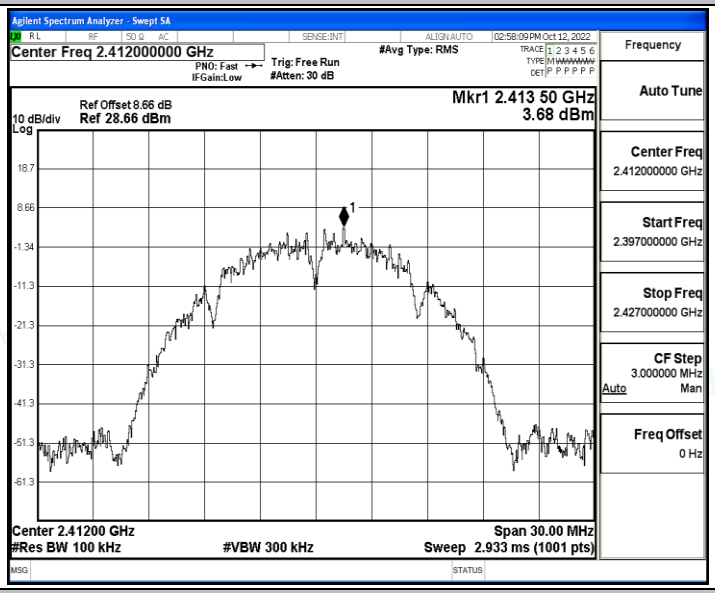
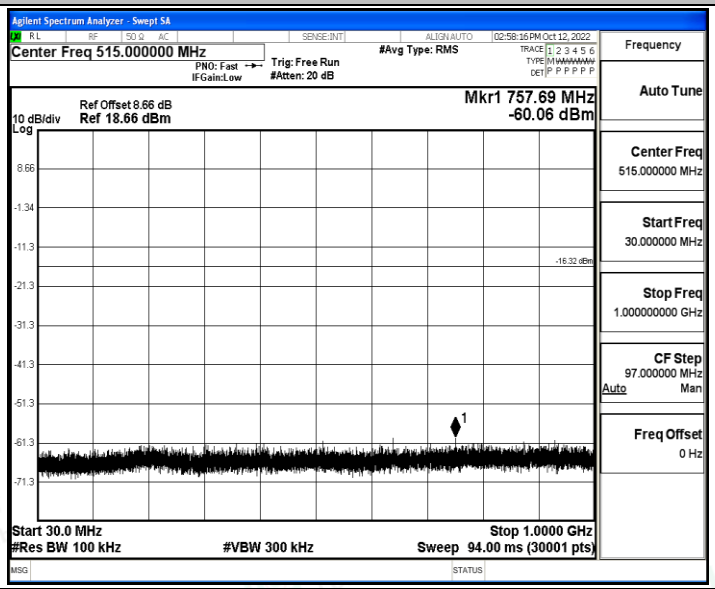
Test Graphs

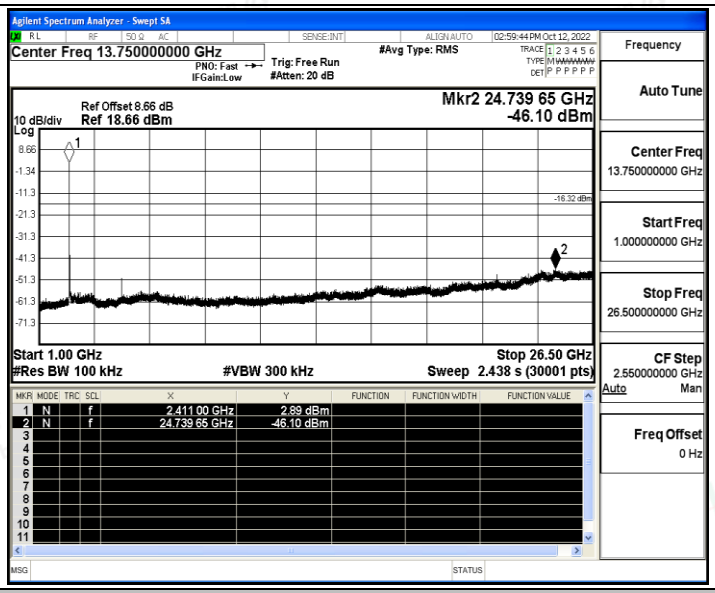
11B_Ant_2412_0~Reference



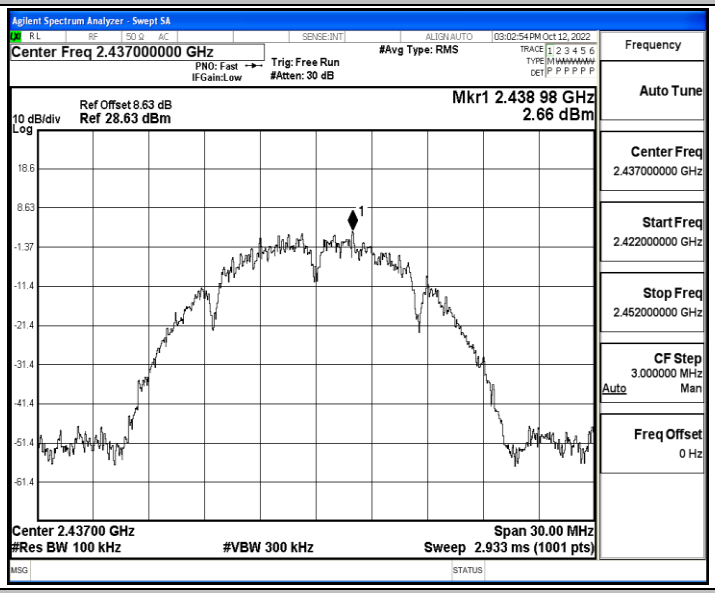
11B_Ant_2412_30~1000



11B_Ant_2412_1000~26500



11B_Ant_2437_0~Reference



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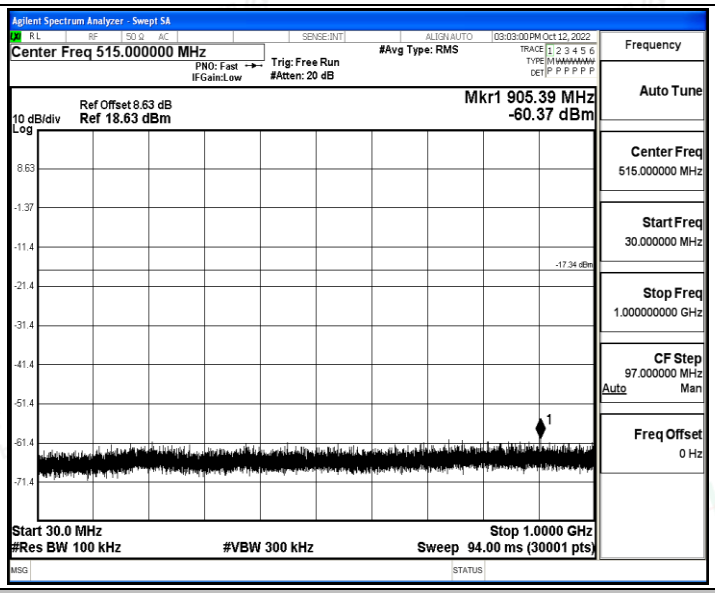
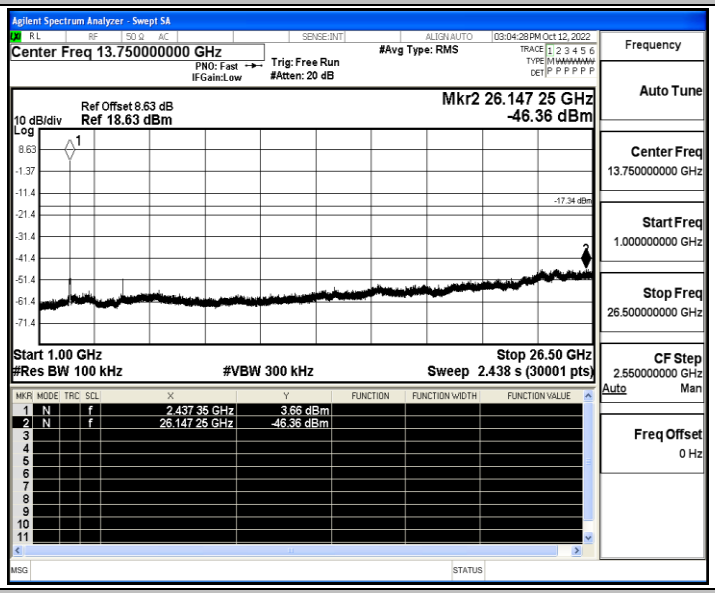
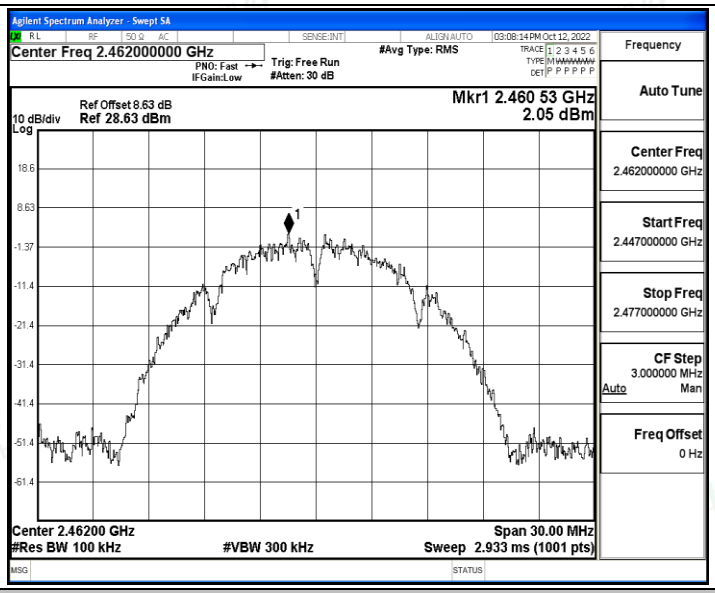


11B_Ant_2437_1000~26500



11B_Ant_2462_0~Reference



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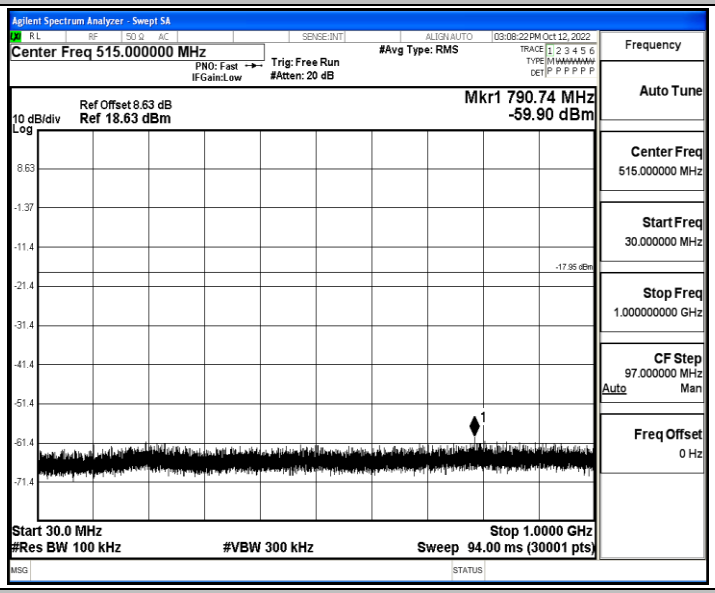

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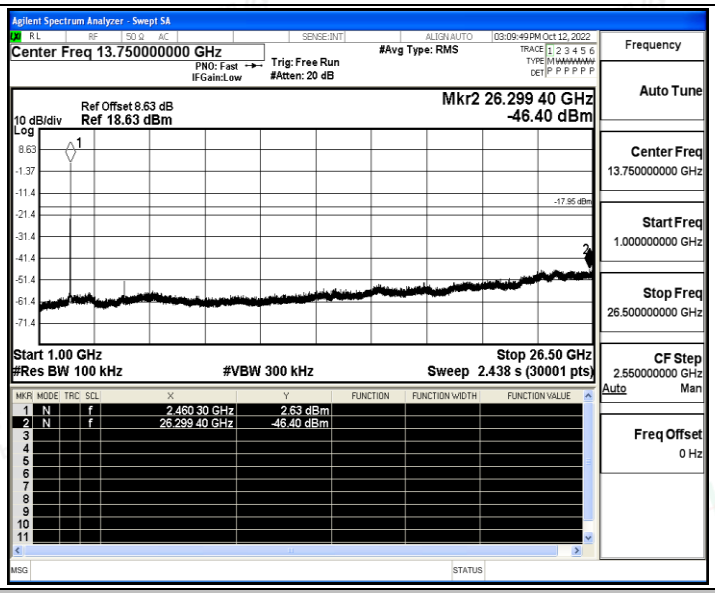
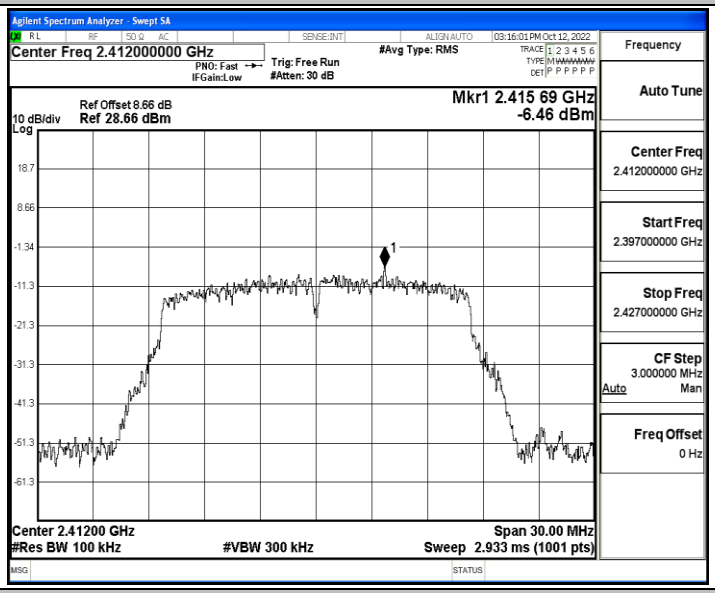


11G_Ant_2412_0~Reference



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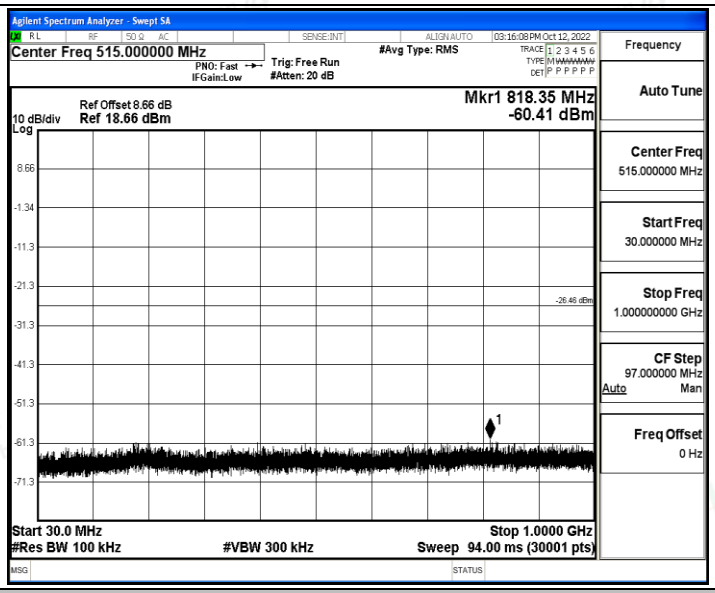

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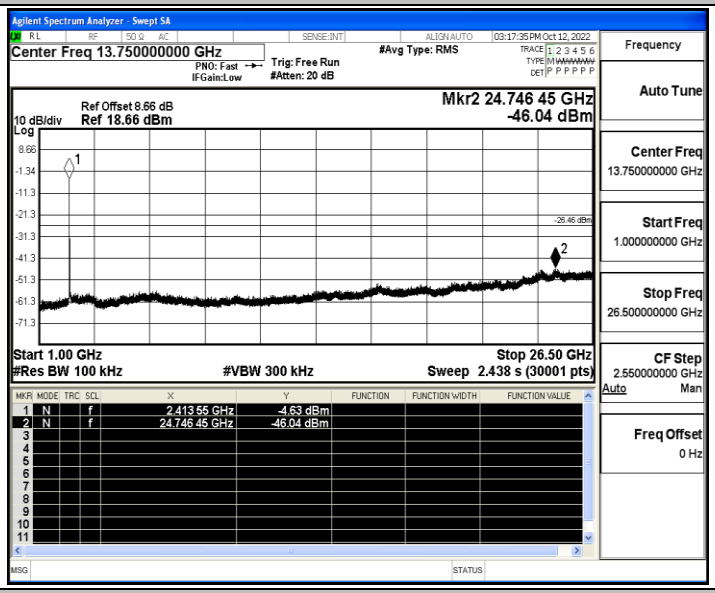

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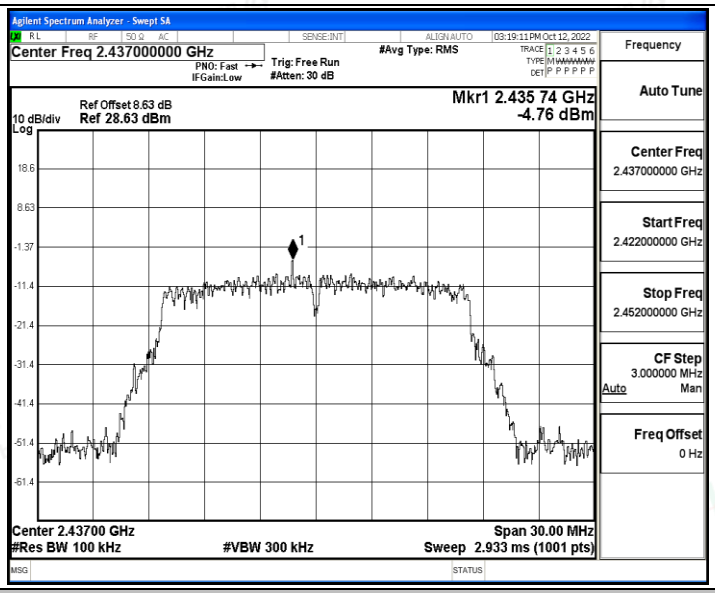

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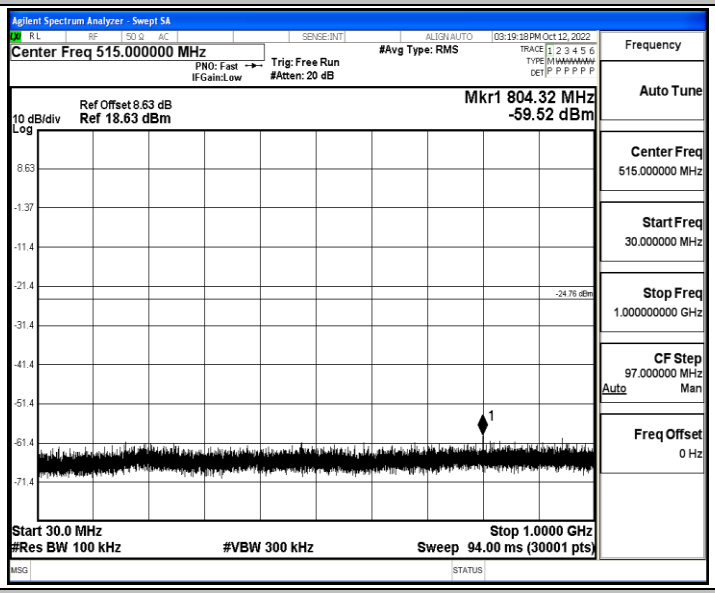

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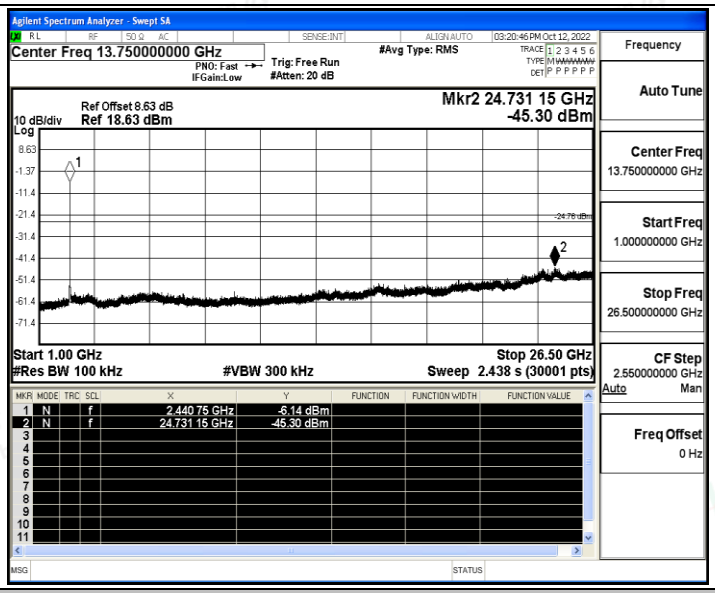

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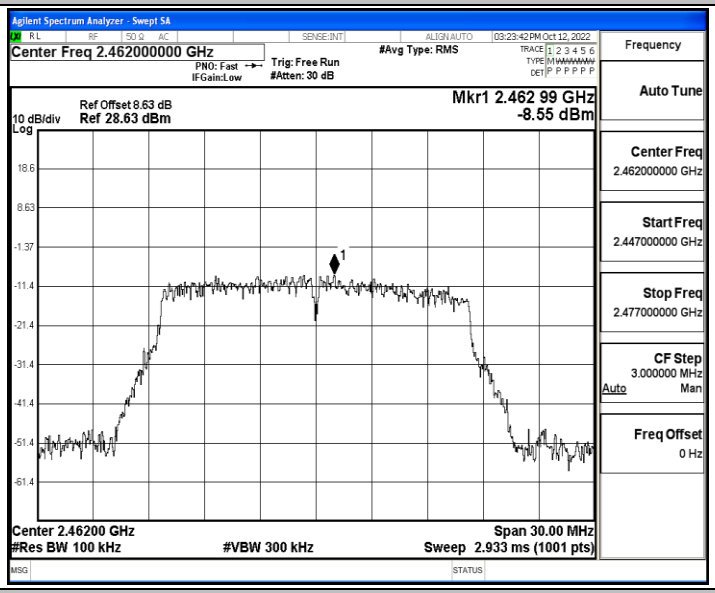
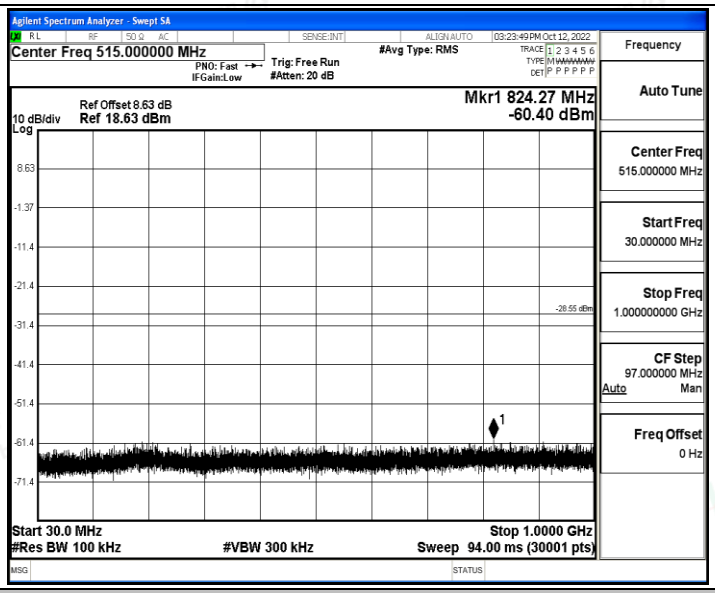


11G_Ant_2462_30~1000



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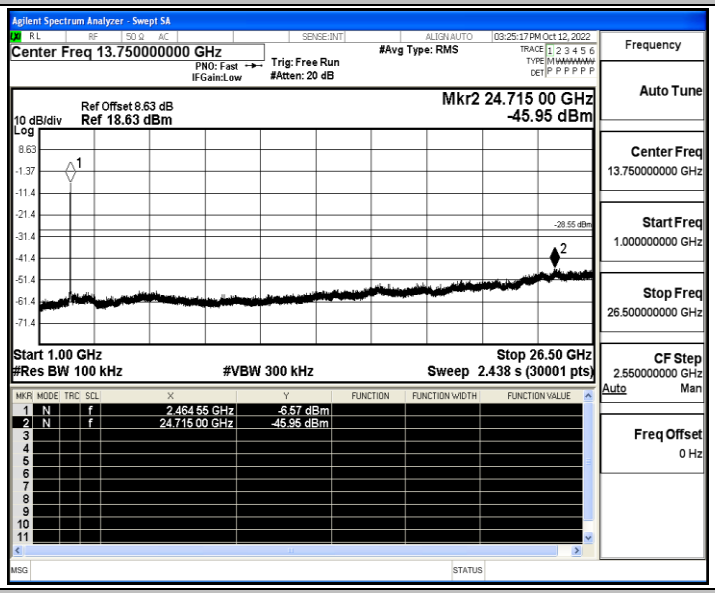
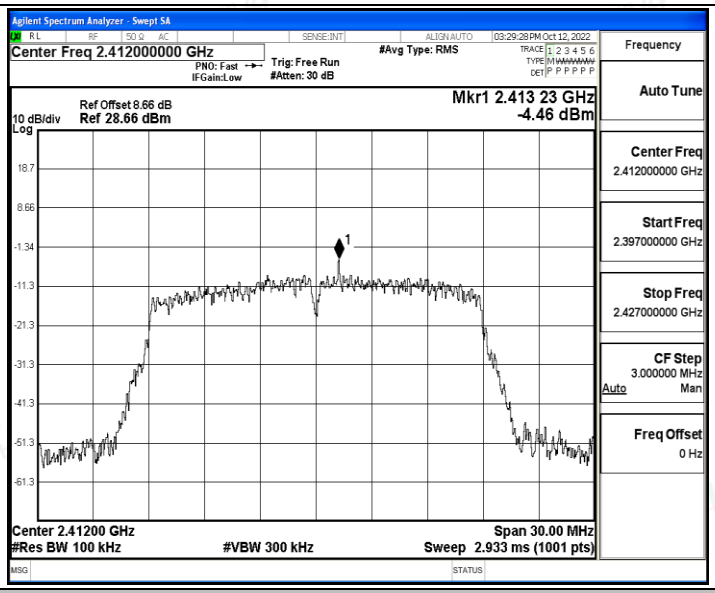
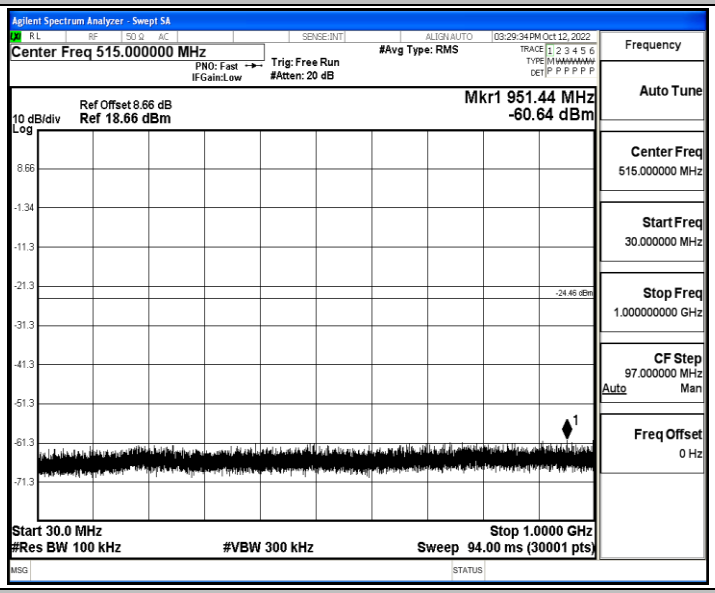


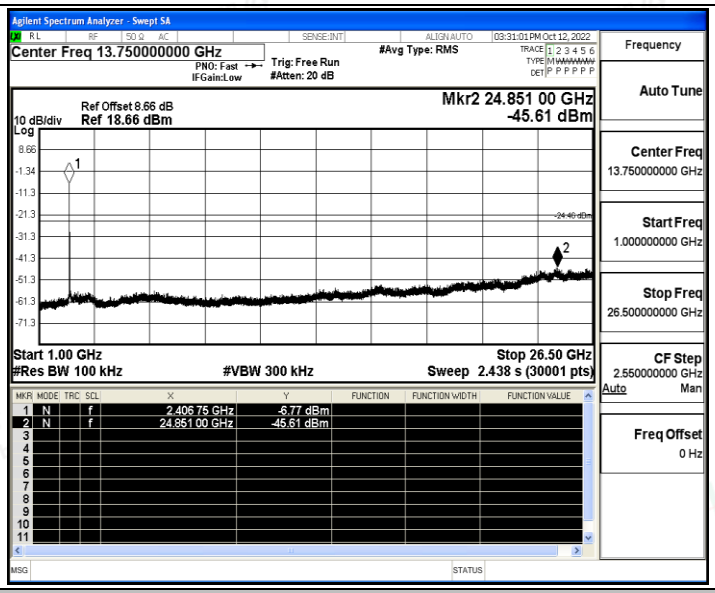
11N20SISO_Ant_2412_0~Reference



11N20SISO_Ant_2412_30~1000



11N20SISO_Ant_2412_1000~26500



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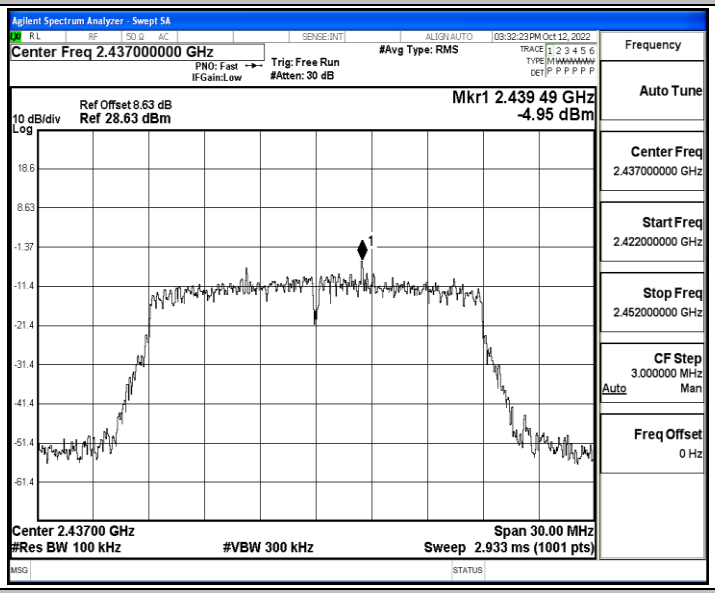

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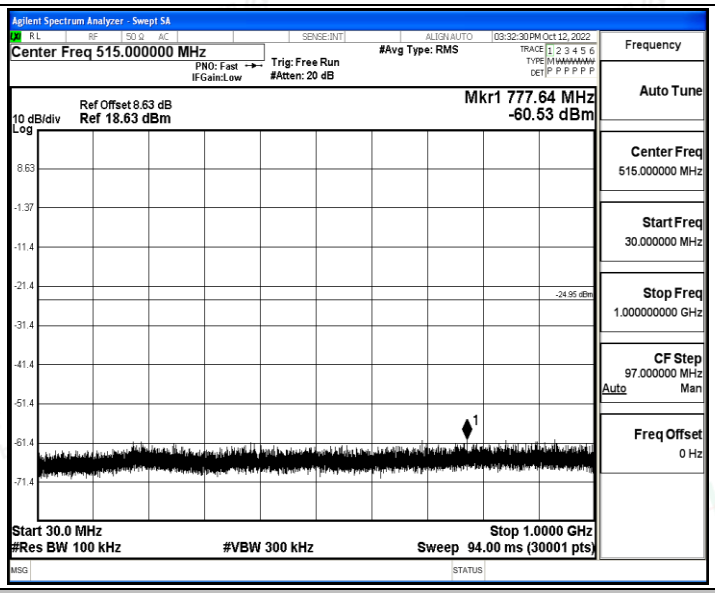

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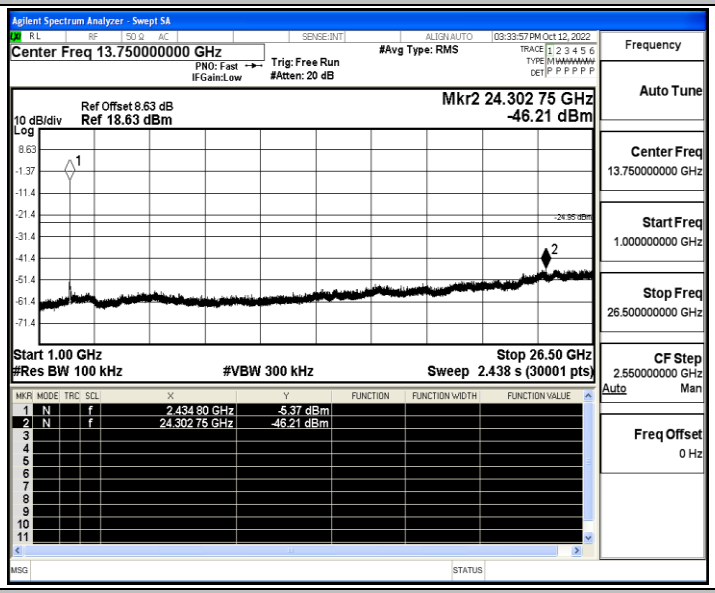

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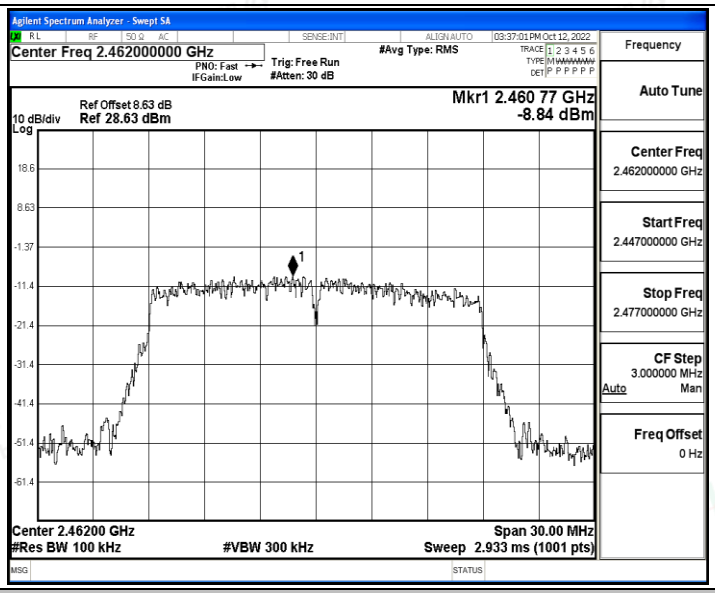
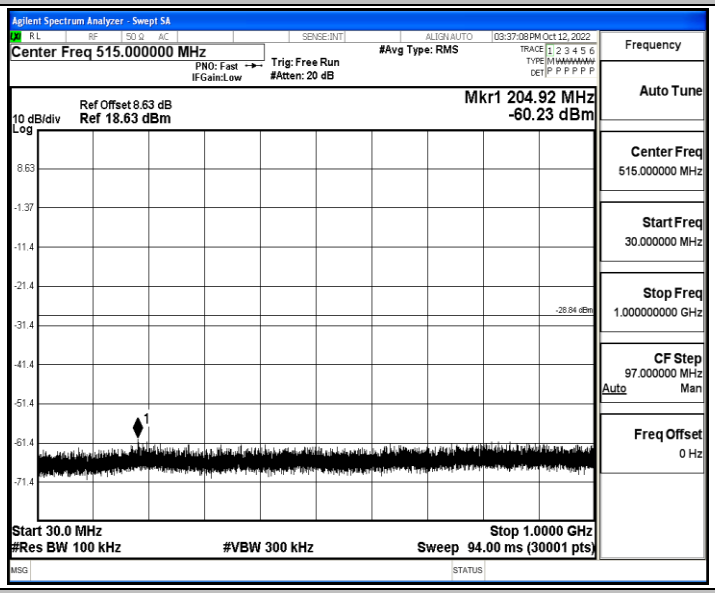
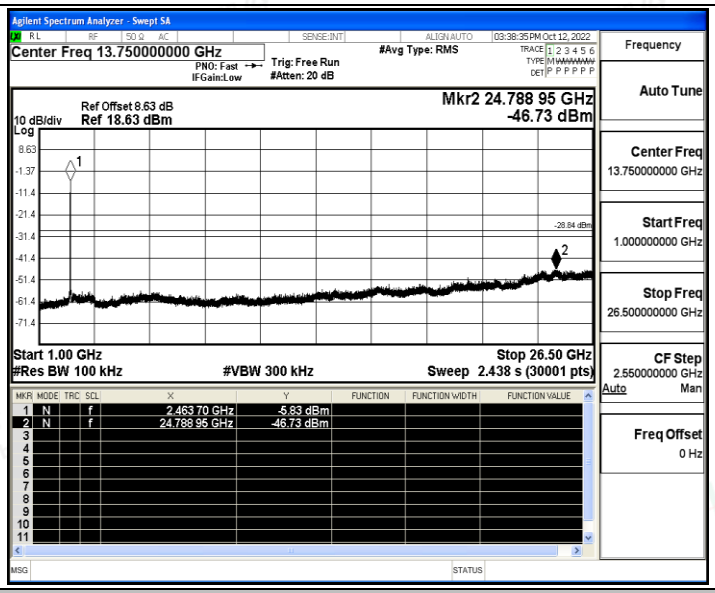


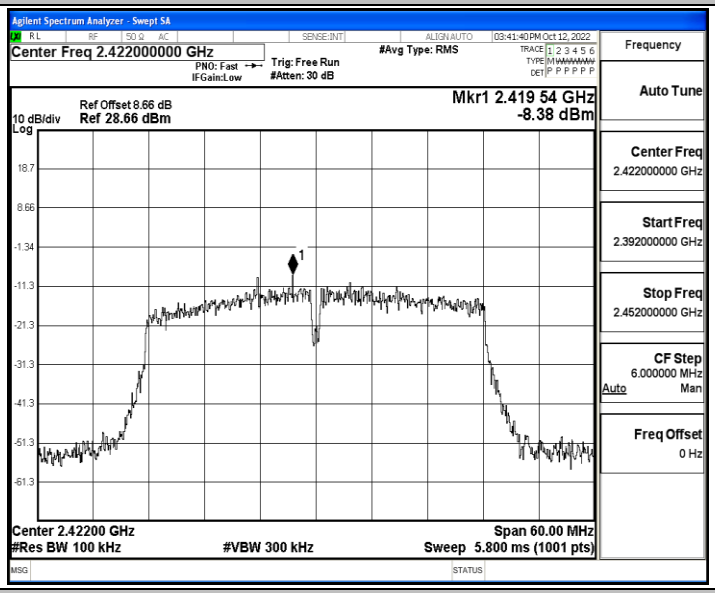
11N20SISO_Ant_2462_30~1000



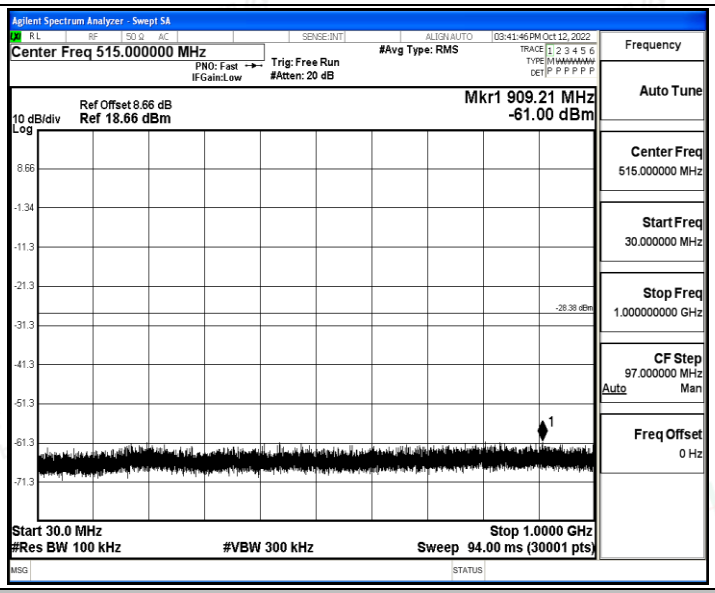
11N20SISO_Ant_2462_1000~26500



11N40SISO_Ant_2422_0~Reference



11N40SISO_Ant_2422_30~1000



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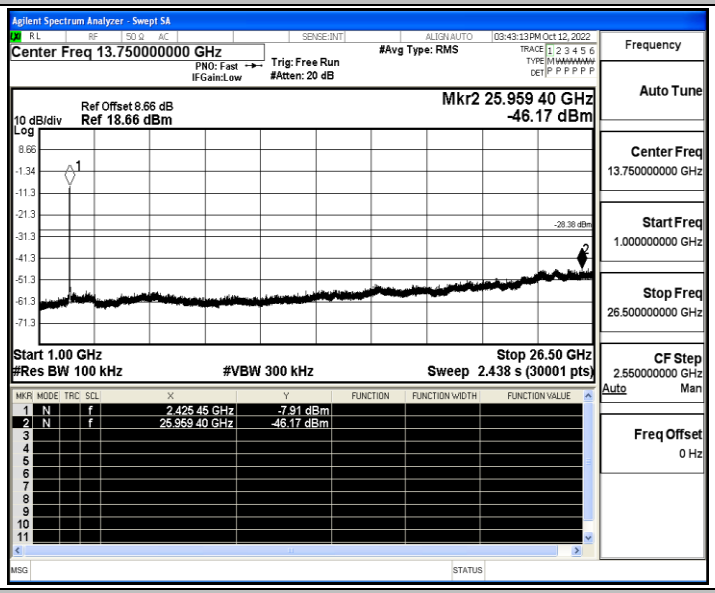

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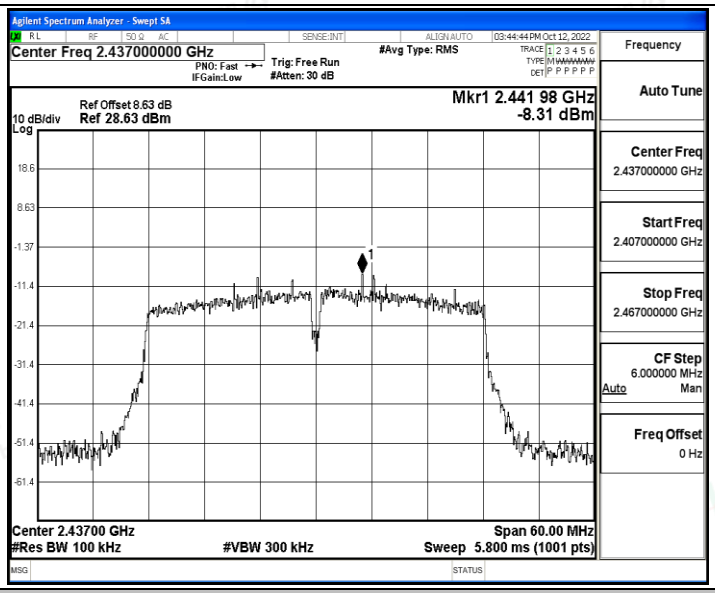

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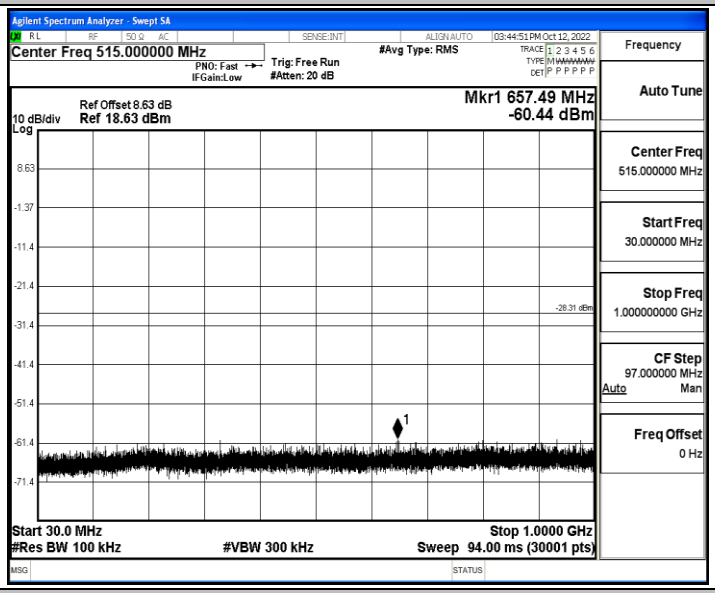
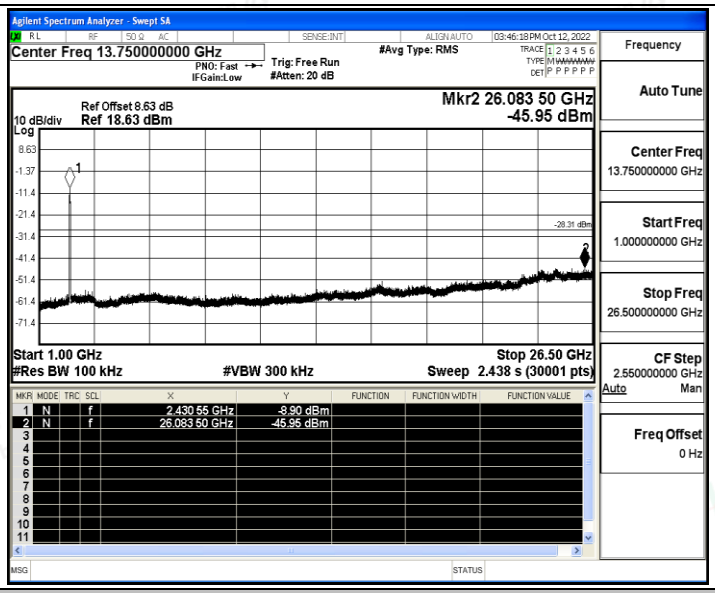


11N40SISO_Ant_2437_1000~26500



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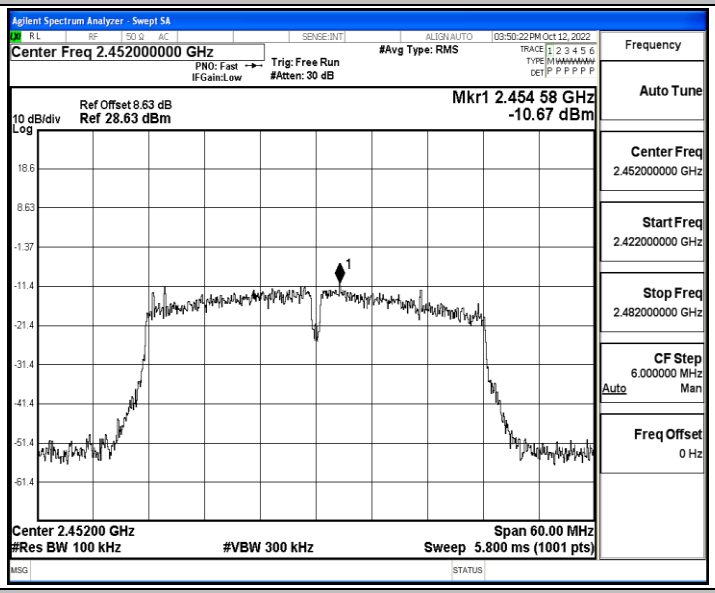
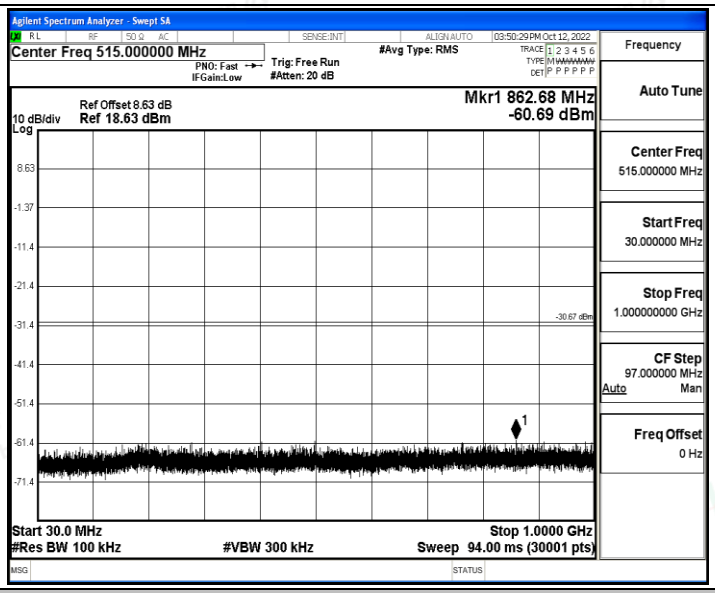


11N40SISO_Ant_2452_30~1000



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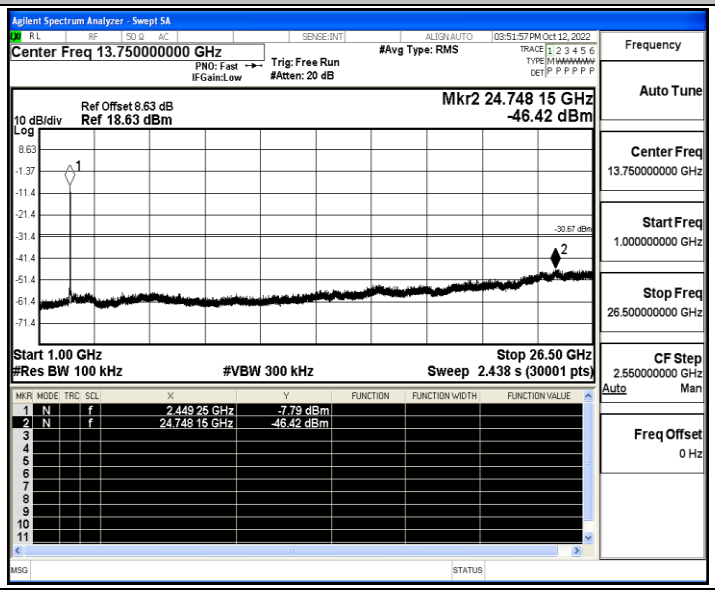


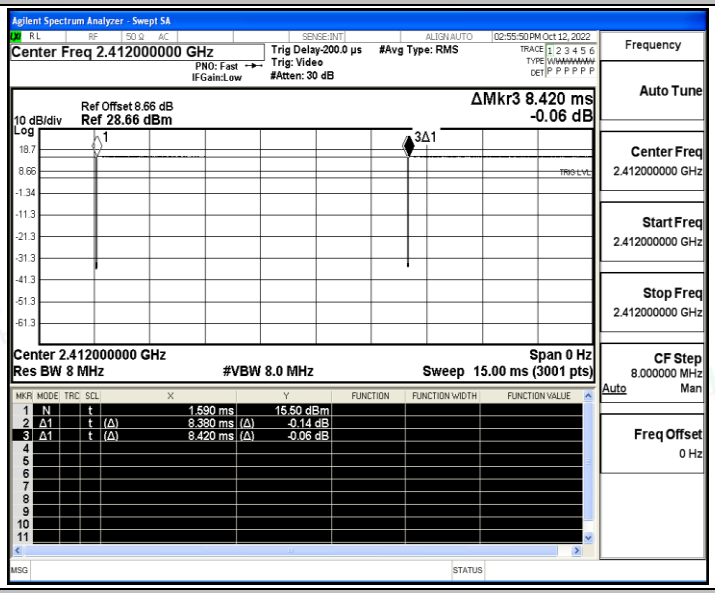
C.7 Duty Cycle

Test Result

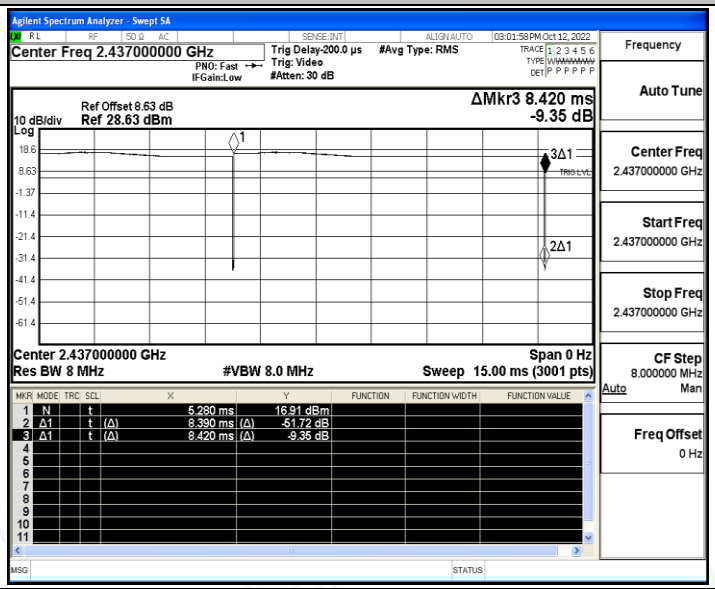
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor	1/T(kHz)
11B	Ant	2412	8.38	8.42	99.52	0.02	0.12
		2437	8.39	8.42	99.64	0.02	0.12
		2462	8.39	8.43	99.53	0.02	0.12
11G	Ant	2412	1.39	1.43	97.20	0.12	0.72
		2437	1.39	1.44	96.53	0.15	0.72
		2462	1.40	1.44	97.22	0.12	0.71
11N20SISO	Ant	2412	1.30	1.35	96.30	0.16	0.77
		2437	1.30	1.34	97.01	0.13	0.77
		2462	1.30	1.35	96.30	0.16	0.77
11N40SISO	Ant	2422	0.65	0.70	92.86	0.32	1.54
		2437	0.64	0.69	92.75	0.33	1.56
		2452	0.65	0.69	94.20	0.26	1.54

Test Graphs

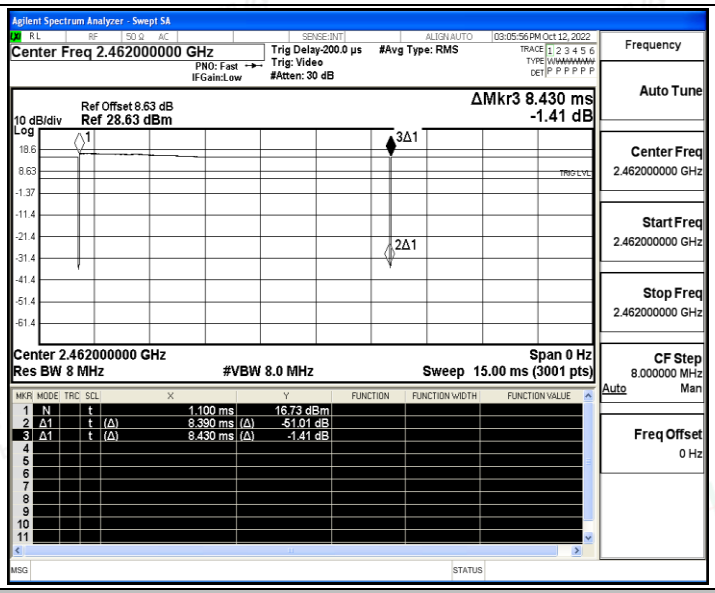
11B_Ant_2412



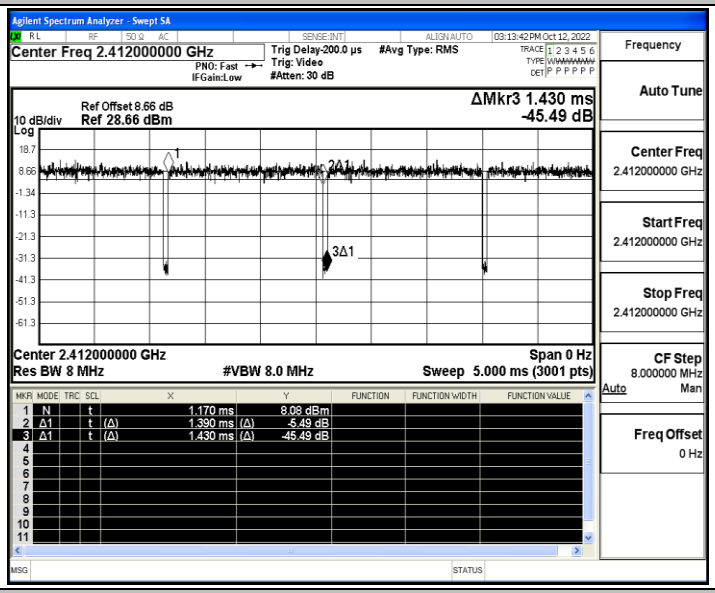
11B_Ant_2437



11B_Ant_2462



11G_Ant_2412



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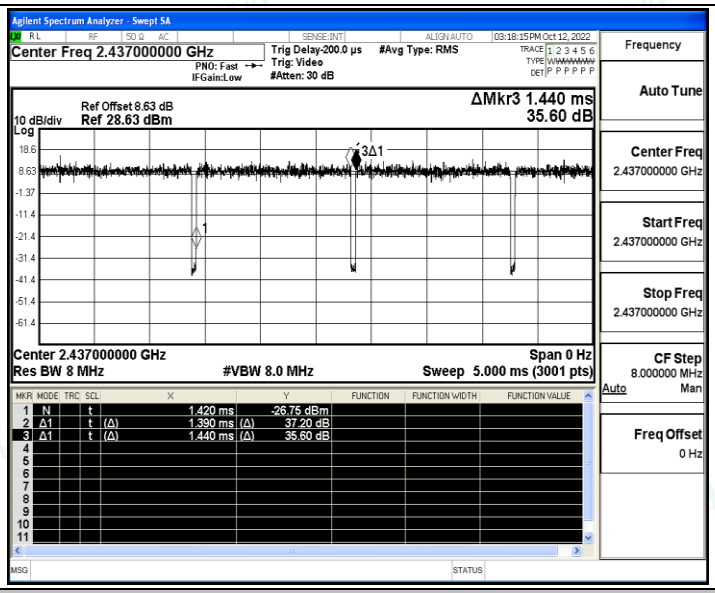

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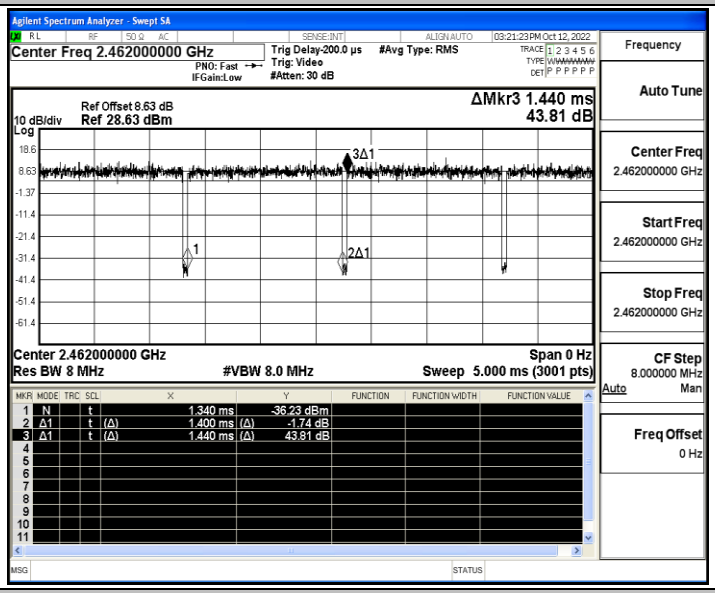
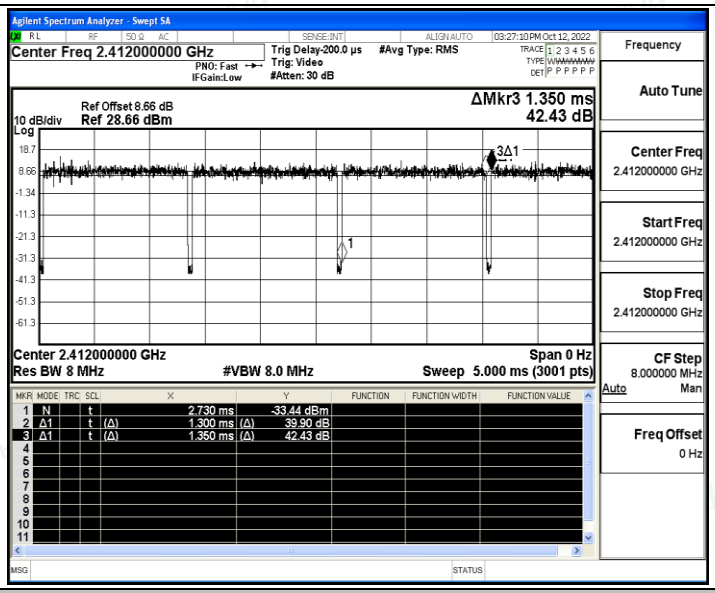


11N20SISO_Ant_2412



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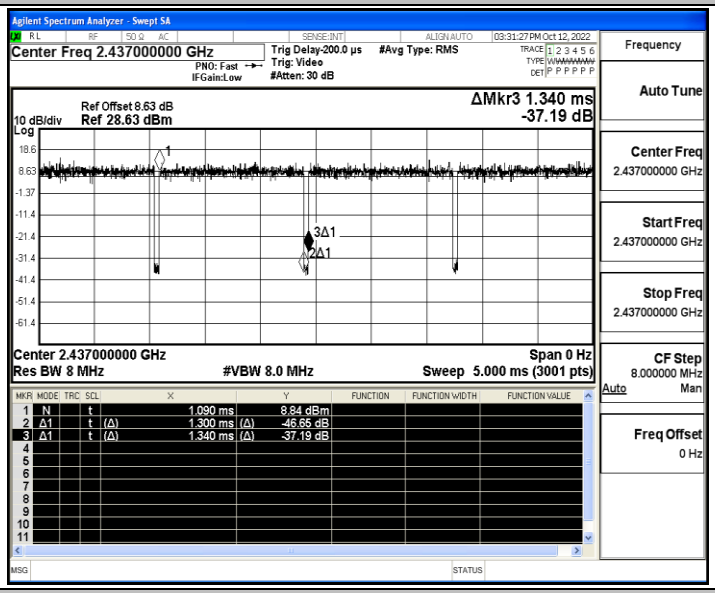
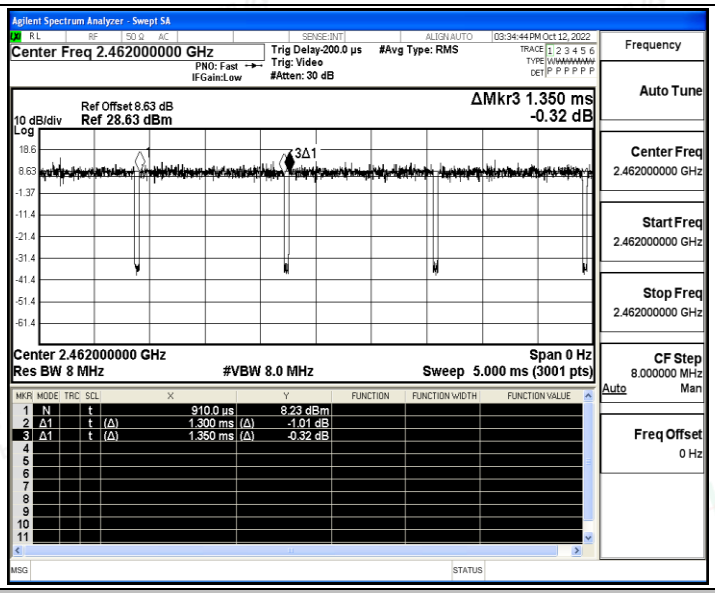
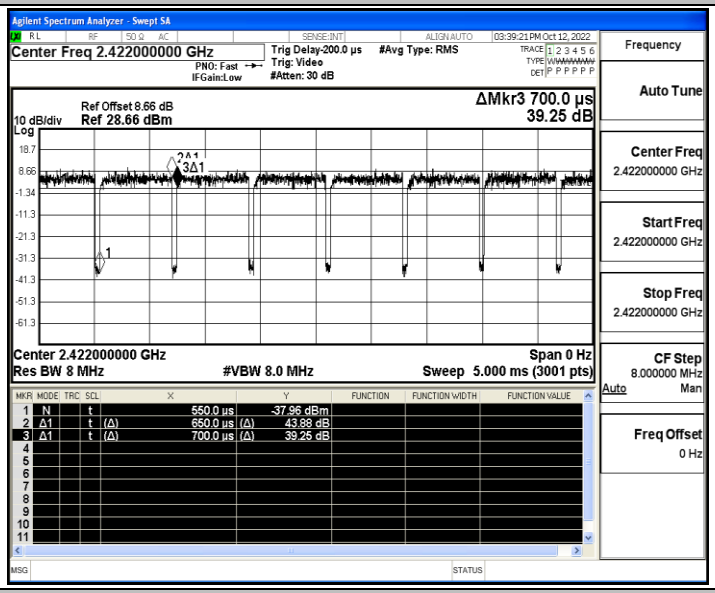


11N20SISO_Ant_2462



11N40SISO_Ant_2422



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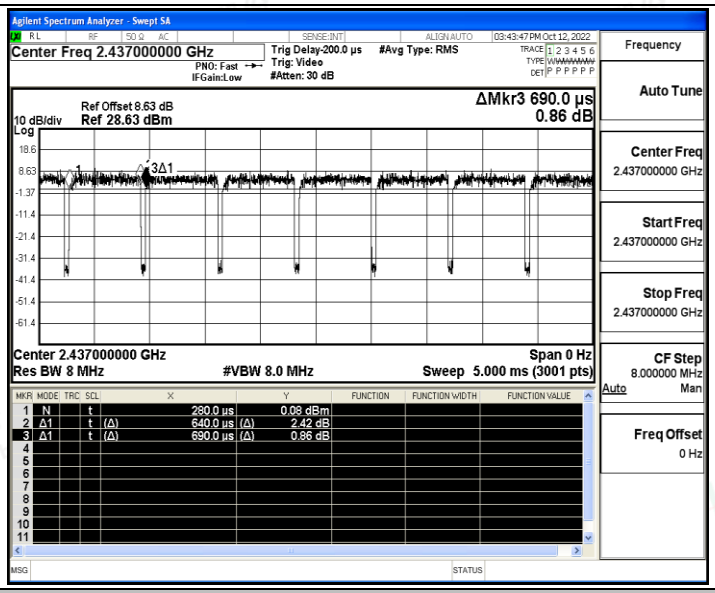

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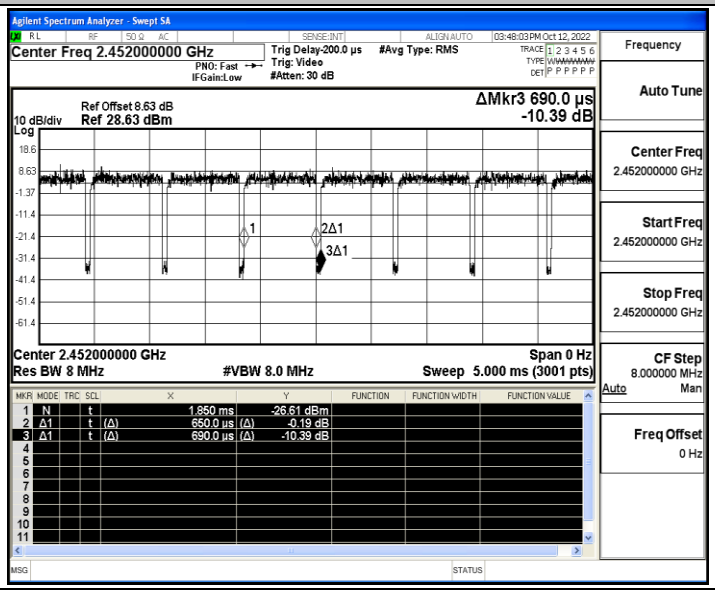


C.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant	Low	2412	AV	2310.000	-58.63	≤-41.20	36.57	≤54	PASS
				AV	2389.960	-57.31	≤-41.20	37.89	≤54	PASS
				AV	2390.000	-57.31	≤-41.20	37.89	≤54	PASS
				Peak	2310.000	-47.8	≤-21.20	47.40	≤74	PASS
				Peak	2388.530	-45.69	≤-21.20	49.51	≤74	PASS
				Peak	2390.000	-46.81	≤-21.20	48.39	≤74	PASS
		High	2462	AV	2483.500	-55.46	≤-41.20	39.74	≤54	PASS
				AV	2486.200	-54.63	≤-41.20	40.57	≤54	PASS
				AV	2500.000	-57.71	≤-41.20	37.49	≤54	PASS
				Peak	2483.500	-43.56	≤-21.20	51.64	≤74	PASS
				Peak	2486.090	-42.29	≤-21.20	52.91	≤74	PASS
				Peak	2500.000	-47.03	≤-21.20	48.17	≤74	PASS
11G	Ant	Low	2412	AV	2310.000	-58.16	≤-41.20	37.04	≤54	PASS
				AV	2388.790	-56.8	≤-41.20	38.40	≤54	PASS
				AV	2390.000	-56.87	≤-41.20	38.33	≤54	PASS
				Peak	2310.000	-47.83	≤-21.20	47.37	≤74	PASS
				Peak	2388.530	-45.63	≤-21.20	49.57	≤74	PASS
				Peak	2390.000	-46.62	≤-21.20	48.58	≤74	PASS
		High	2462	AV	2483.500	-54.08	≤-41.20	41.12	≤54	PASS
				AV	2483.780	-53.93	≤-41.20	41.27	≤54	PASS
				AV	2500.000	-57.36	≤-41.20	37.84	≤54	PASS
				Peak	2483.500	-44.05	≤-21.20	51.15	≤74	PASS
				Peak	2483.670	-42.59	≤-21.20	52.61	≤74	PASS
				Peak	2500.000	-45.59	≤-21.20	49.61	≤74	PASS
11N20SISO	Ant	Low	2412	AV	2310.000	-58.12	≤-41.20	37.08	≤54	PASS
				AV	2389.440	-56.66	≤-41.20	38.54	≤54	PASS
				AV	2390.000	-56.8	≤-41.20	38.40	≤54	PASS
				Peak	2310.000	-48.08	≤-21.20	47.12	≤74	PASS
				Peak	2379.170	-45.39	≤-21.20	49.81	≤74	PASS
				Peak	2390.000	-46.29	≤-21.20	48.91	≤74	PASS
		High	2462	AV	2483.500	-53.97	≤-41.20	41.23	≤54	PASS
				AV	2484.220	-53.83	≤-41.20	41.37	≤54	PASS
				AV	2500.000	-57.2	≤-41.20	38.00	≤54	PASS
				Peak	2483.500	-41.43	≤-21.20	53.77	≤74	PASS
				Peak	2484.770	-42.25	≤-21.20	52.95	≤74	PASS

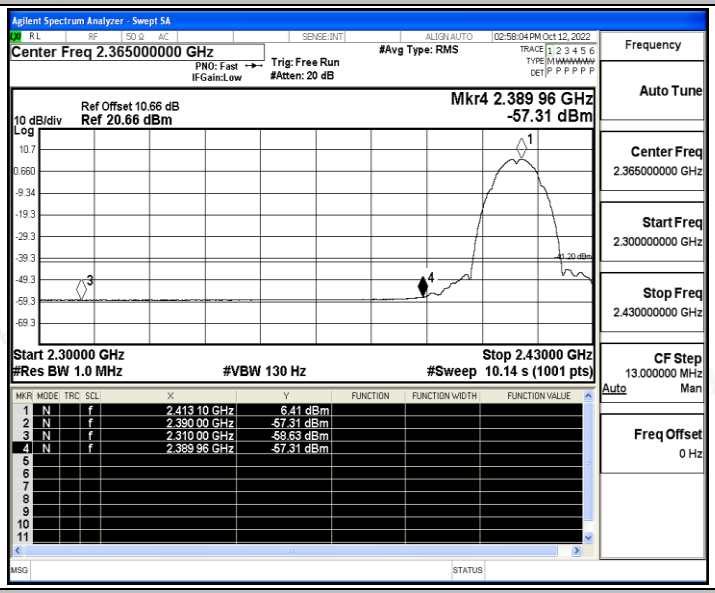
				Peak	2500.000	-47.12	≤-21.20	48.08	≤74	PASS
11N40SISO	Ant	Low	2422	AV	2310.000	-57.82	≤-41.20	37.38	≤54	PASS
				AV	2389.830	-56.32	≤-41.20	38.88	≤54	PASS
				AV	2390.000	-56.41	≤-41.20	38.79	≤54	PASS
				Peak	2310.000	-48.45	≤-21.20	46.75	≤74	PASS
				Peak	2389.700	-43.27	≤-21.20	51.93	≤74	PASS
				Peak	2390.000	-43.78	≤-21.20	51.42	≤74	PASS
		High	2452	AV	2483.500	-54.19	≤-41.20	41.01	≤54	PASS
				AV	2483.890	-53.72	≤-41.20	41.48	≤54	PASS
				AV	2500.000	-57.1	≤-41.20	38.10	≤54	PASS
				Peak	2483.500	-38.65	≤-21.20	56.55	≤74	PASS
				Peak	2483.780	-37.58	≤-21.20	57.62	≤74	PASS
				Peak	2500.000	-47.28	≤-21.20	47.92	≤74	PASS

Note：

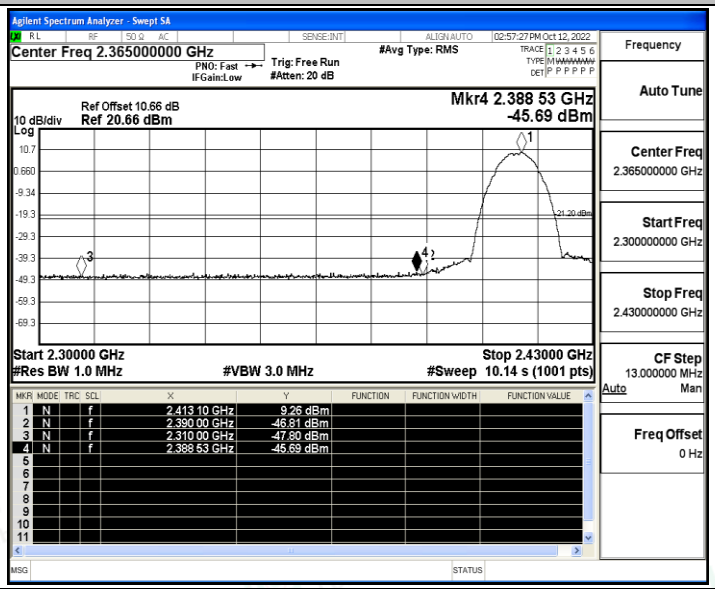
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

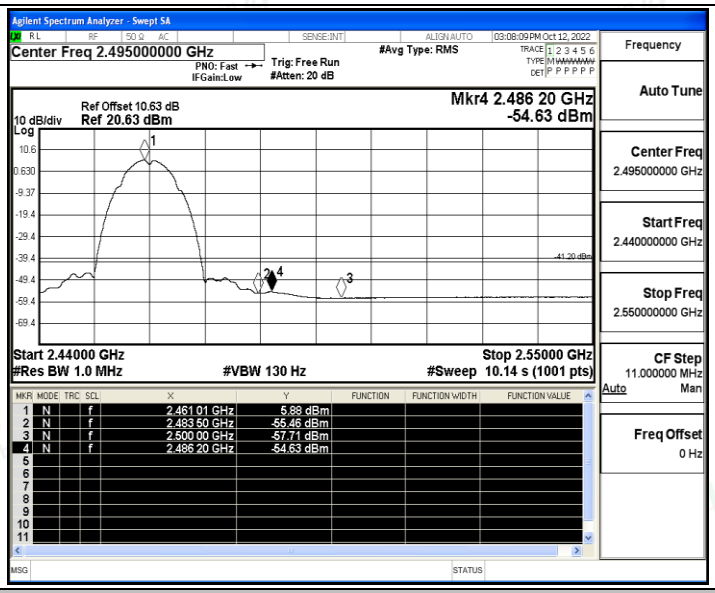
11B_Ant_Low_2412_AV



11B_Ant_Low_2412_Peak



11B_Ant_High_2462_AV



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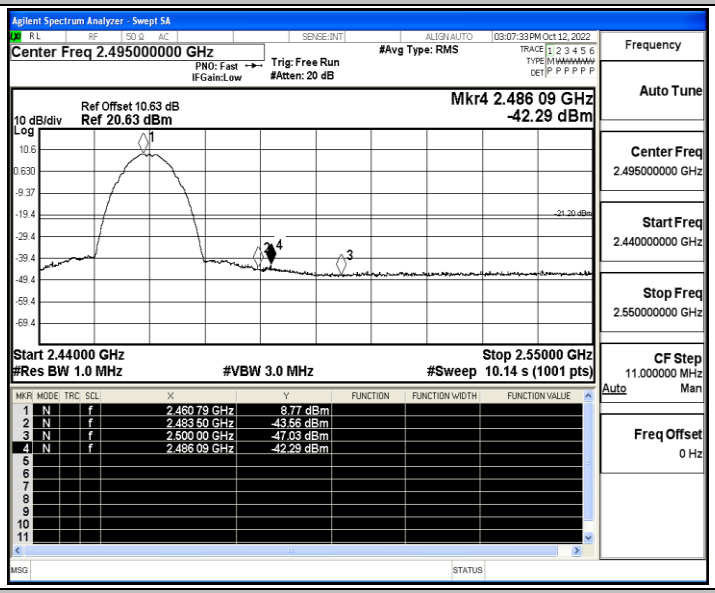
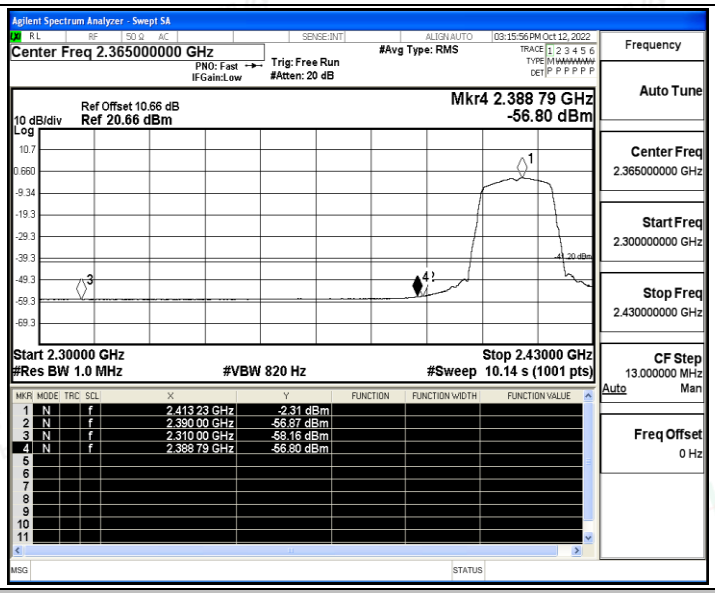


11G_Ant_Low_2412_AV



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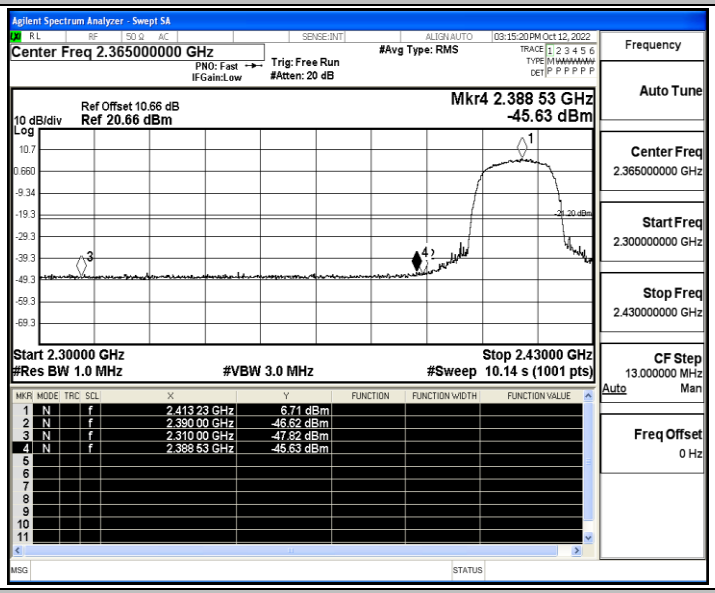

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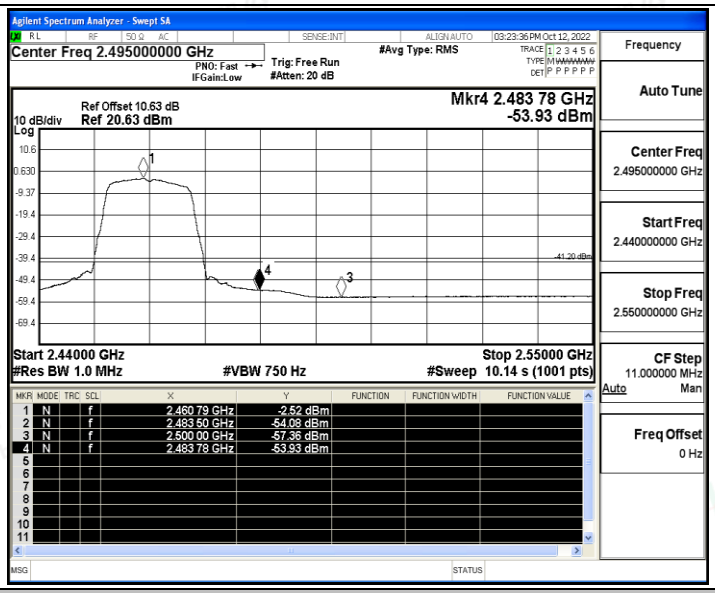

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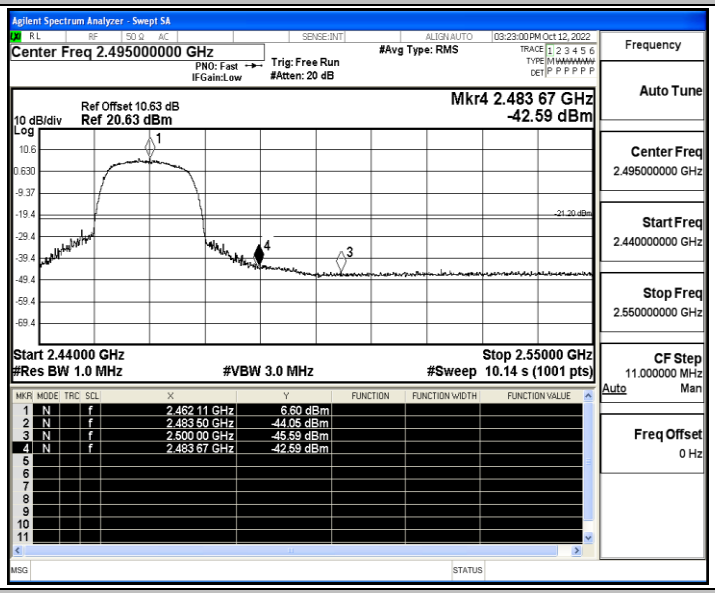
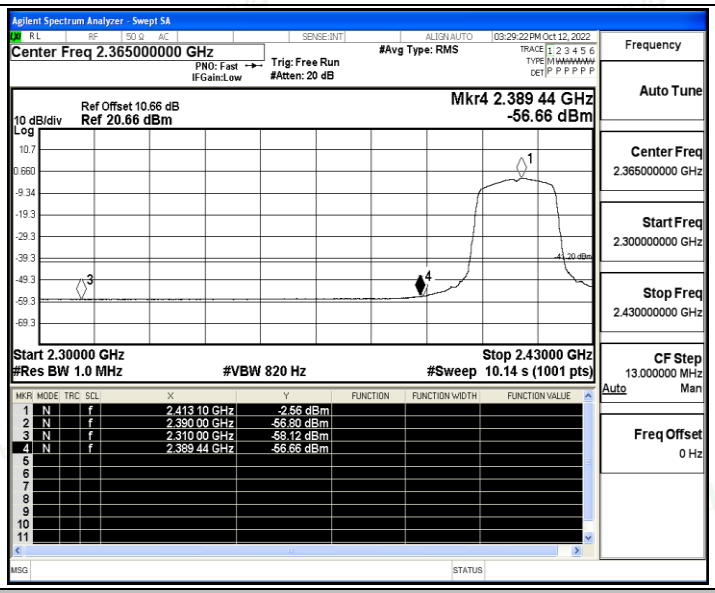


11N20SISO_Ant_Low_2412_AV



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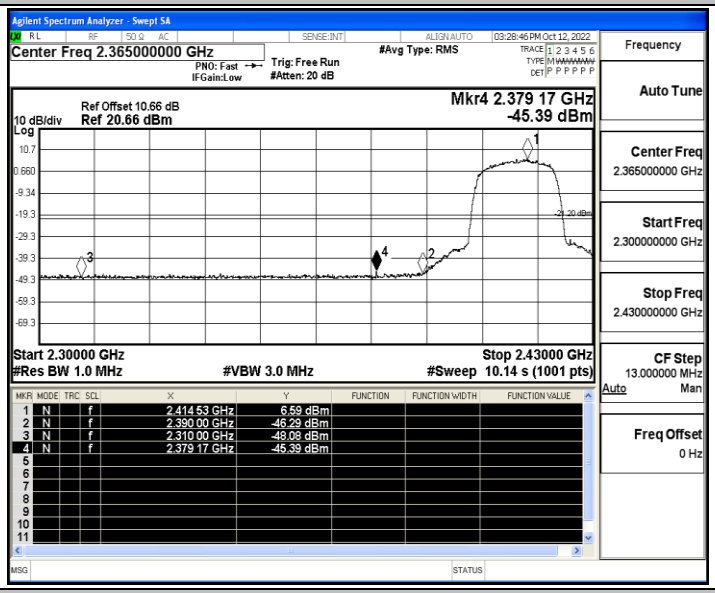

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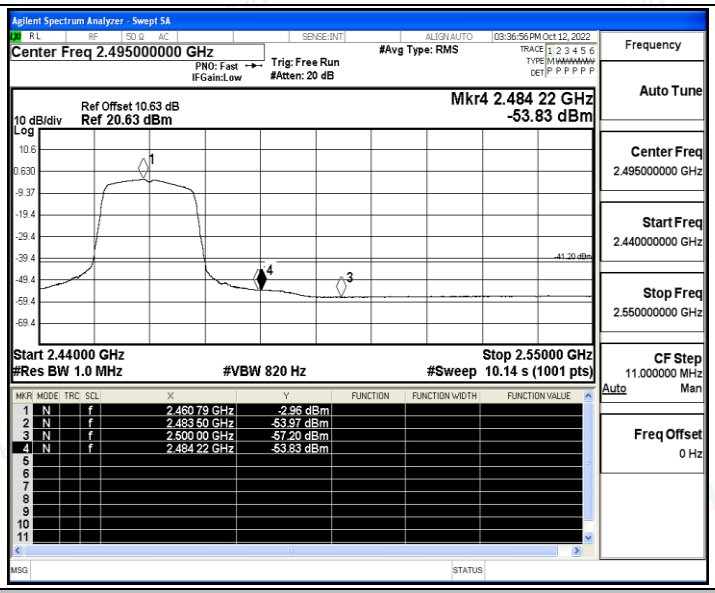

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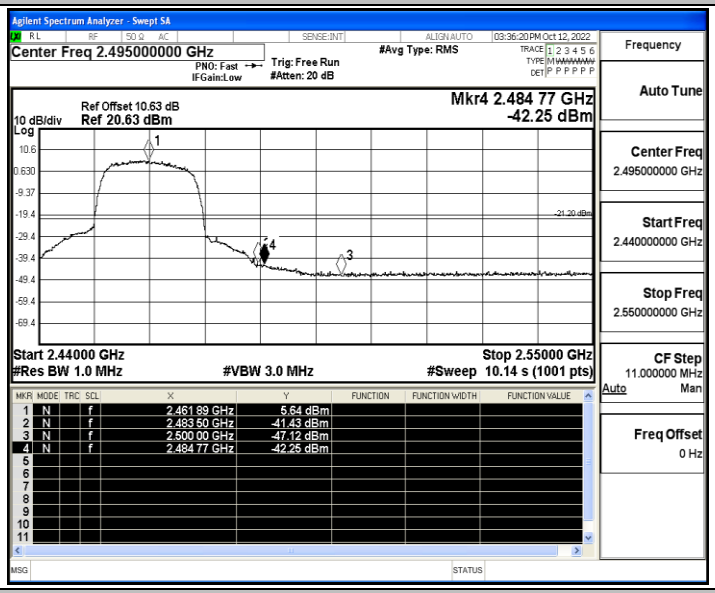

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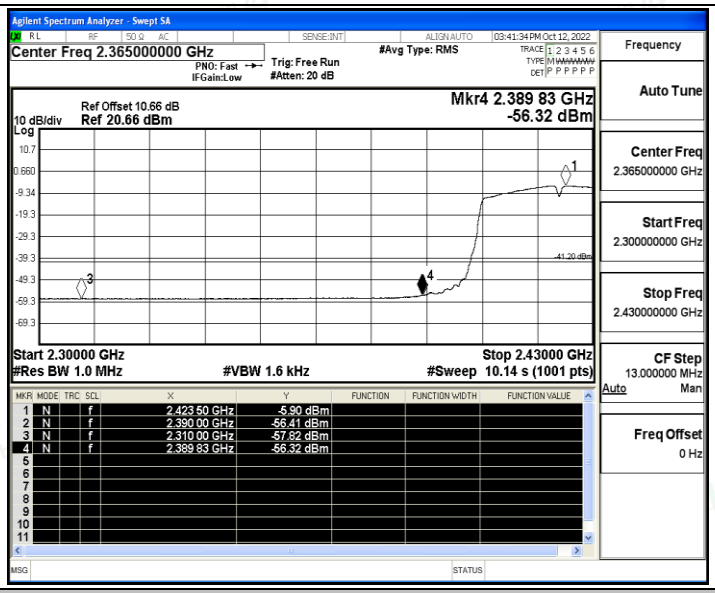

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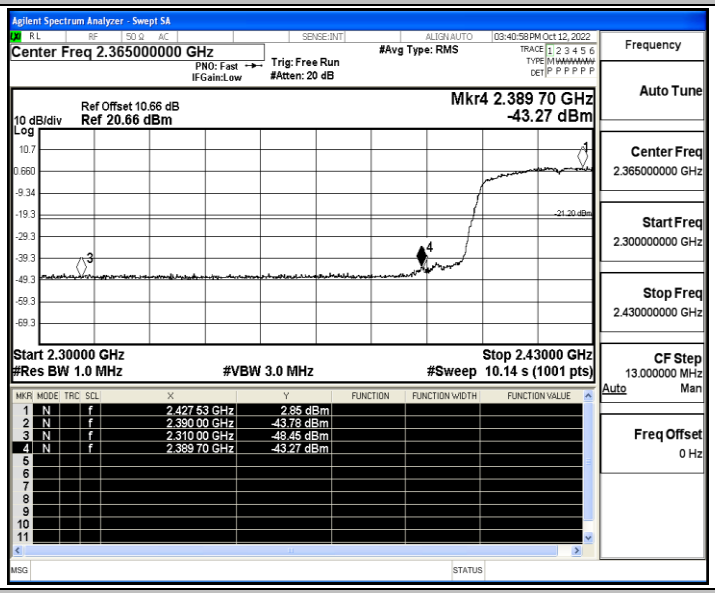

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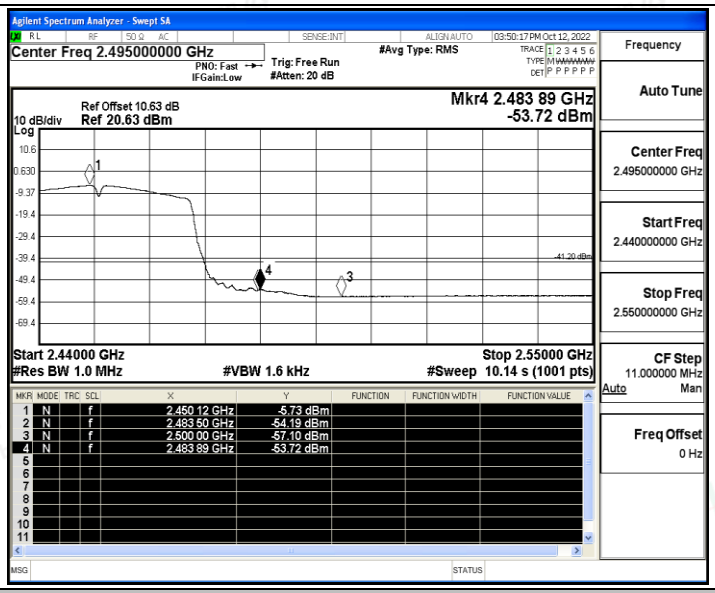
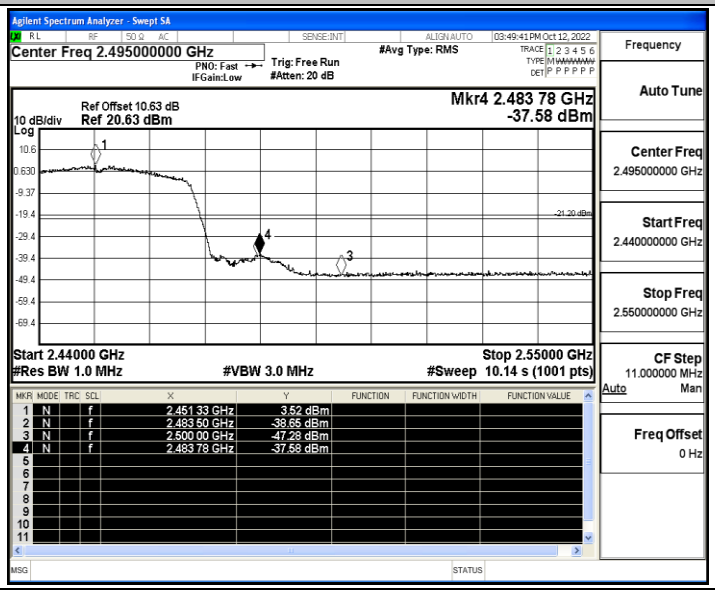
11N40SISO_Ant_High_2452_Peak