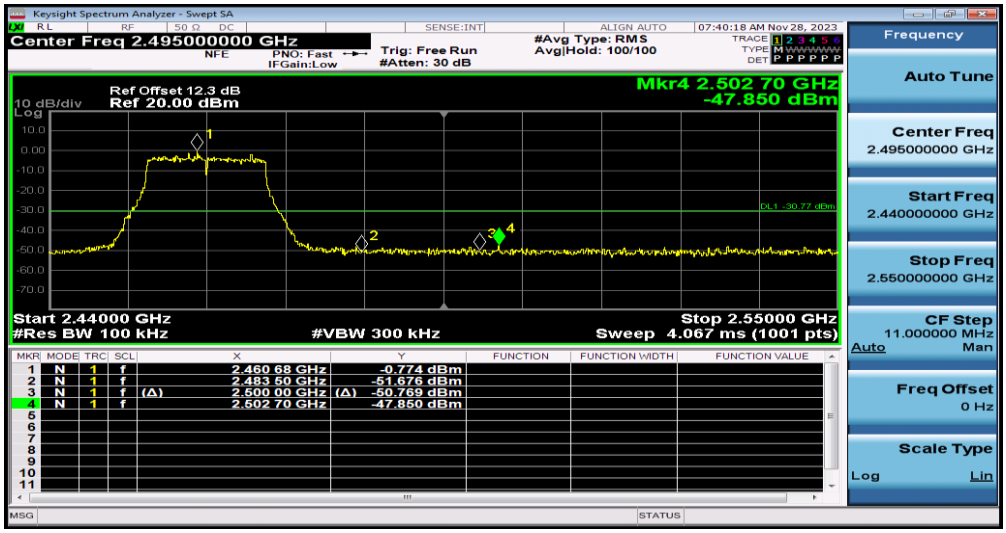
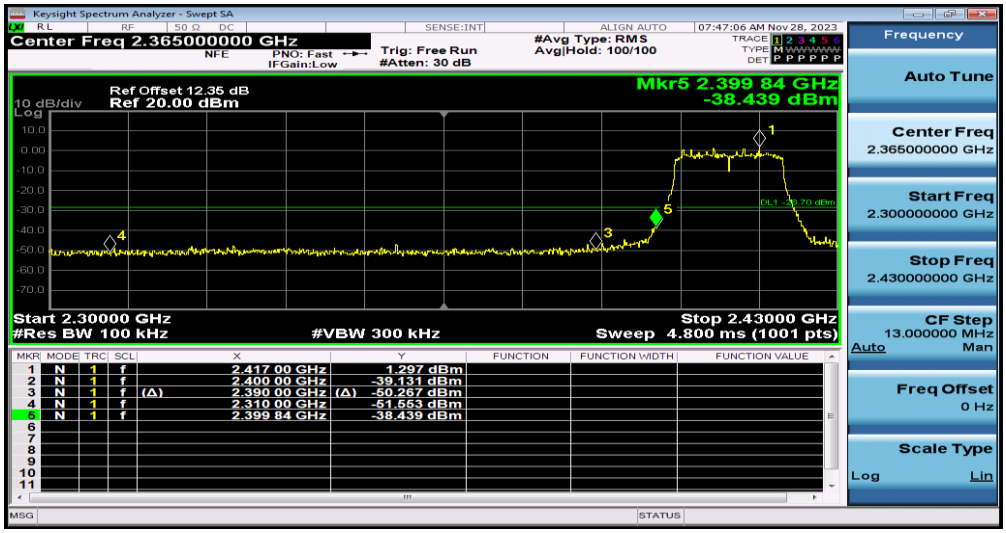
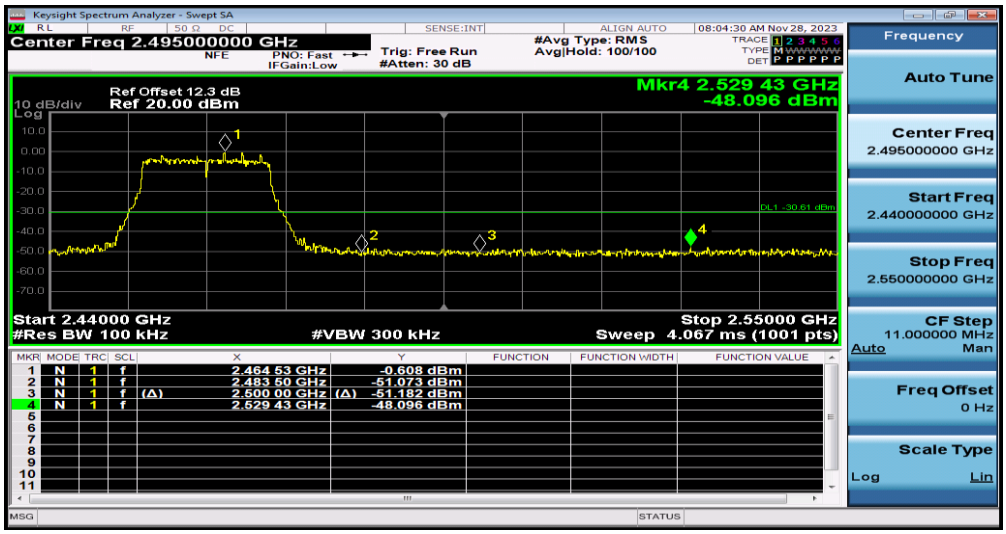


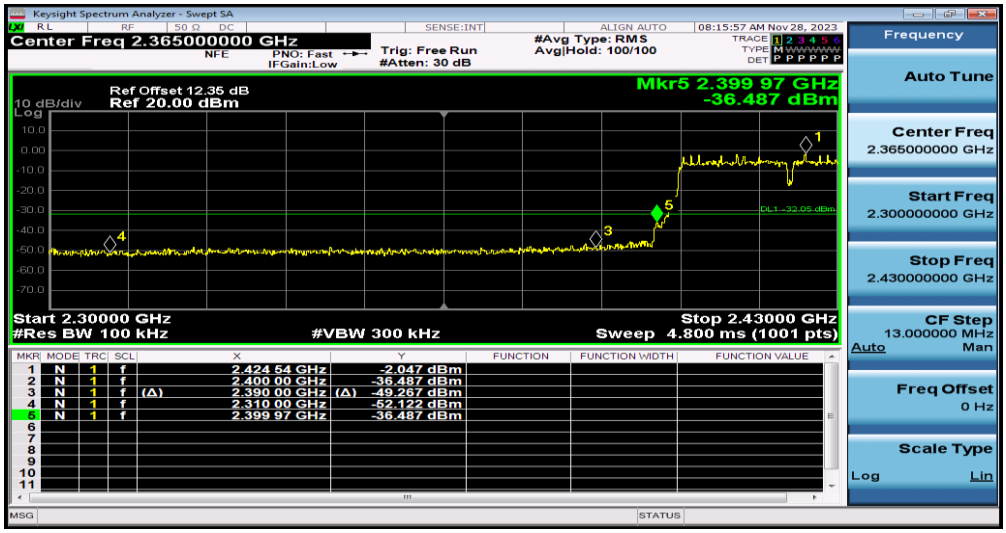
11G-Ant1-2462



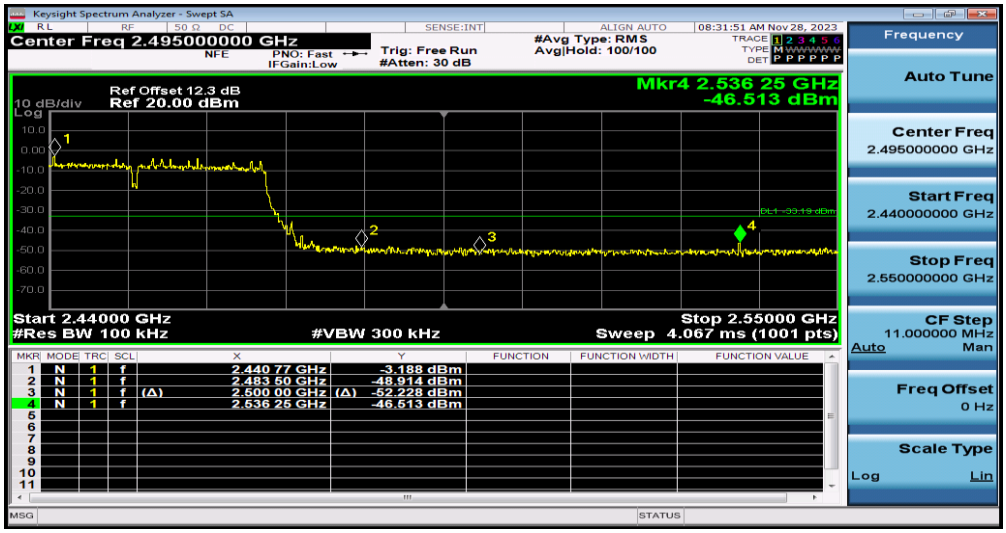
11N20SISO-Ant1-2412



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2452

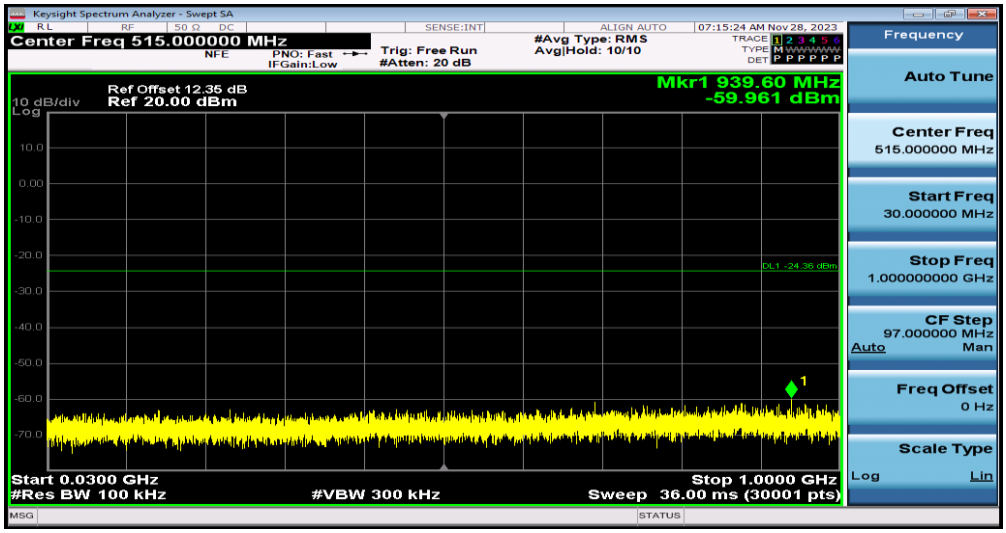
Appendix G: Conducted Spurious Emission

Test Result

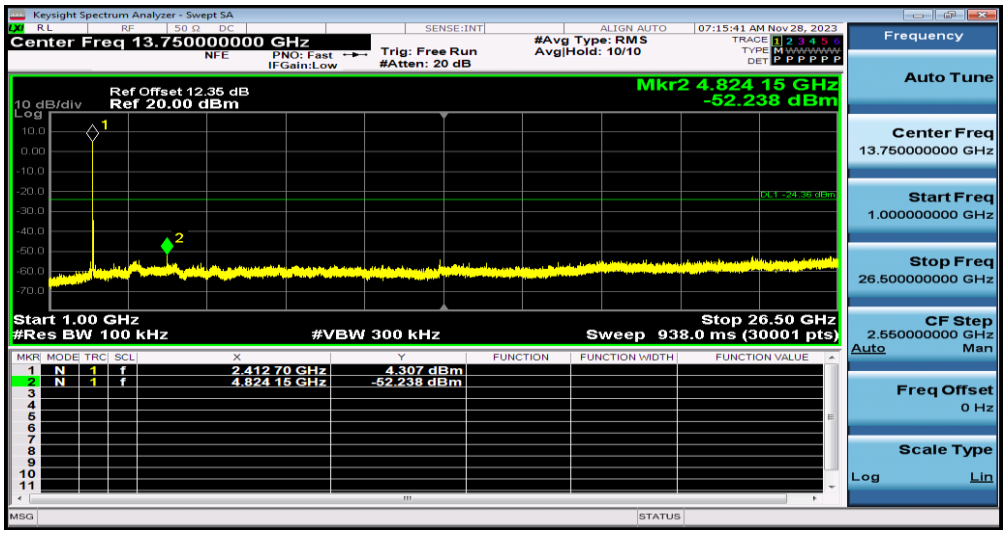
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.64	5.64	---	PASS
11B	Ant1	2412	30~1000	5.64	-59.96	≤-24.36	PASS
11B	Ant1	2412	1000~26500	5.64	-52.24	≤-24.36	PASS
11B	Ant1	2437	0~Reference	4.70	4.70	---	PASS
11B	Ant1	2437	30~1000	4.70	-59.76	≤-25.3	PASS
11B	Ant1	2437	1000~26500	4.70	-52.06	≤-25.3	PASS
11B	Ant1	2462	0~Reference	4.80	4.80	---	PASS
11B	Ant1	2462	30~1000	4.80	-60.25	≤-25.2	PASS
11B	Ant1	2462	1000~26500	4.80	-51.72	≤-25.2	PASS
11G	Ant1	2412	0~Reference	1.18	1.18	---	PASS
11G	Ant1	2412	30~1000	1.18	-60.81	≤-28.82	PASS
11G	Ant1	2412	1000~26500	1.18	-51.55	≤-28.82	PASS
11G	Ant1	2437	0~Reference	-0.03	-0.03	---	PASS
11G	Ant1	2437	30~1000	-0.03	-60.63	≤-30.03	PASS
11G	Ant1	2437	1000~26500	-0.03	-52.09	≤-30.03	PASS
11G	Ant1	2462	0~Reference	-1.17	-1.17	---	PASS
11G	Ant1	2462	30~1000	-1.17	-60.41	≤-31.17	PASS
11G	Ant1	2462	1000~26500	-1.17	-51.97	≤-31.17	PASS
11N20SISO	Ant1	2412	0~Reference	1.78	1.78	---	PASS
11N20SISO	Ant1	2412	30~1000	1.78	-59.67	≤-28.22	PASS
11N20SISO	Ant1	2412	1000~26500	1.78	-51.34	≤-28.22	PASS
11N20SISO	Ant1	2437	0~Reference	-0.19	-0.19	---	PASS
11N20SISO	Ant1	2437	30~1000	-0.19	-60.14	≤-30.19	PASS
11N20SISO	Ant1	2437	1000~26500	-0.19	-51.76	≤-30.19	PASS
11N20SISO	Ant1	2462	0~Reference	0.08	0.08	---	PASS
11N20SISO	Ant1	2462	30~1000	0.08	-60.7	≤-29.92	PASS
11N20SISO	Ant1	2462	1000~26500	0.08	-51.51	≤-29.92	PASS
11N40SISO	Ant1	2422	0~Reference	-1.62	-1.62	---	PASS
11N40SISO	Ant1	2422	30~1000	-1.62	-60.85	≤-31.62	PASS
11N40SISO	Ant1	2422	1000~26500	-1.62	-51.77	≤-31.62	PASS
11N40SISO	Ant1	2437	0~Reference	-3.22	-3.22	---	PASS
11N40SISO	Ant1	2437	30~1000	-3.22	-59.94	≤-33.22	PASS
11N40SISO	Ant1	2437	1000~26500	-3.22	-51.22	≤-33.22	PASS
11N40SISO	Ant1	2452	0~Reference	-3.00	-3.00	---	PASS
11N40SISO	Ant1	2452	30~1000	-3.00	-60.8	≤-33	PASS
11N40SISO	Ant1	2452	1000~26500	-3.00	-51.87	≤-33	PASS

Test Graphs

11B-Ant1-2412-0~Reference

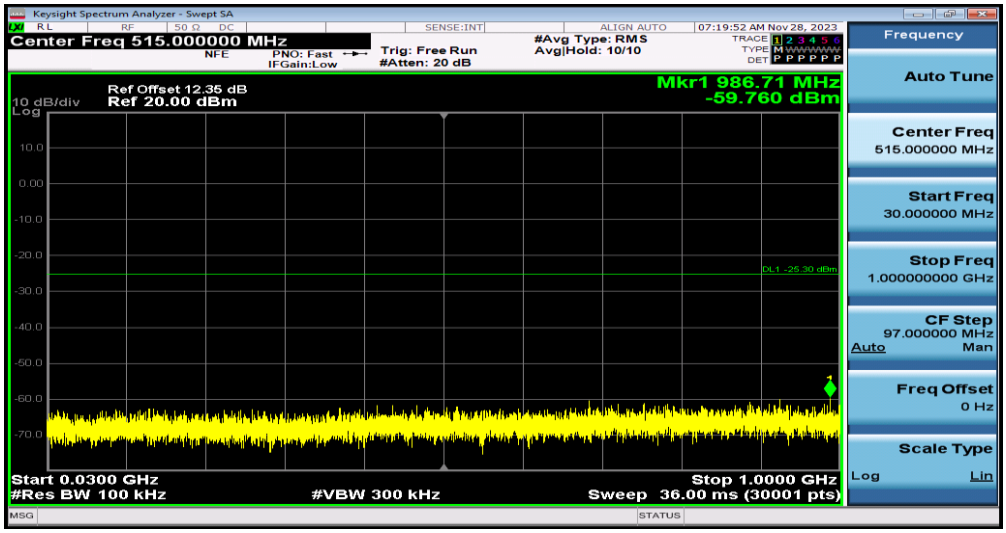


11B-Ant1-2412-30~1000



11B-Ant1-2412-1000~26500

11B-Ant1-2437-0~Reference



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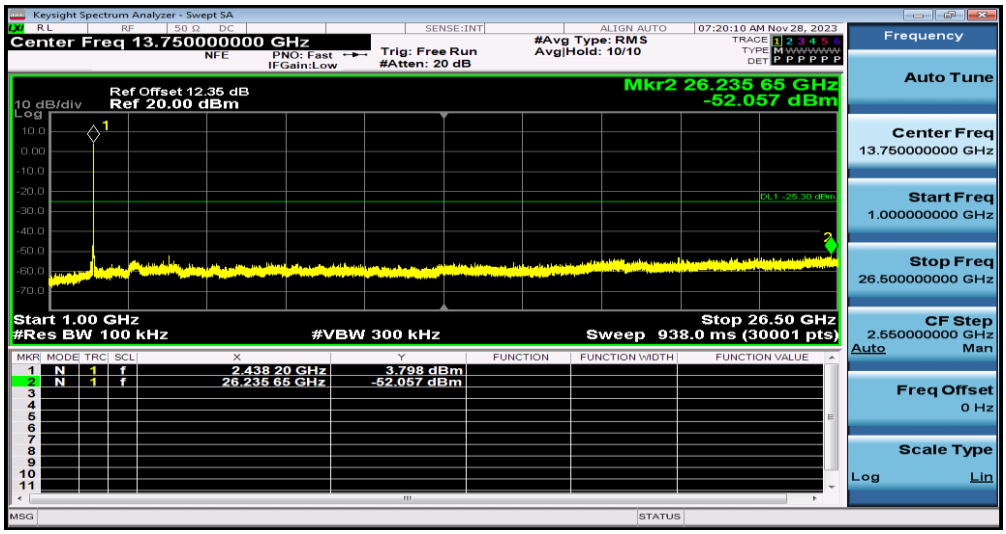
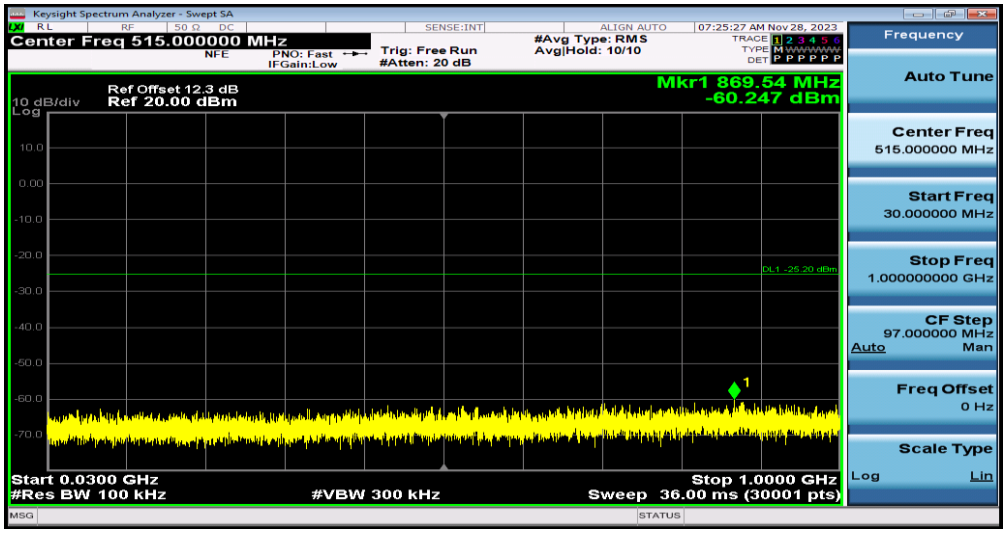


11B-Ant1-2437-1000~26500

11B-Ant1-2462-0~Reference



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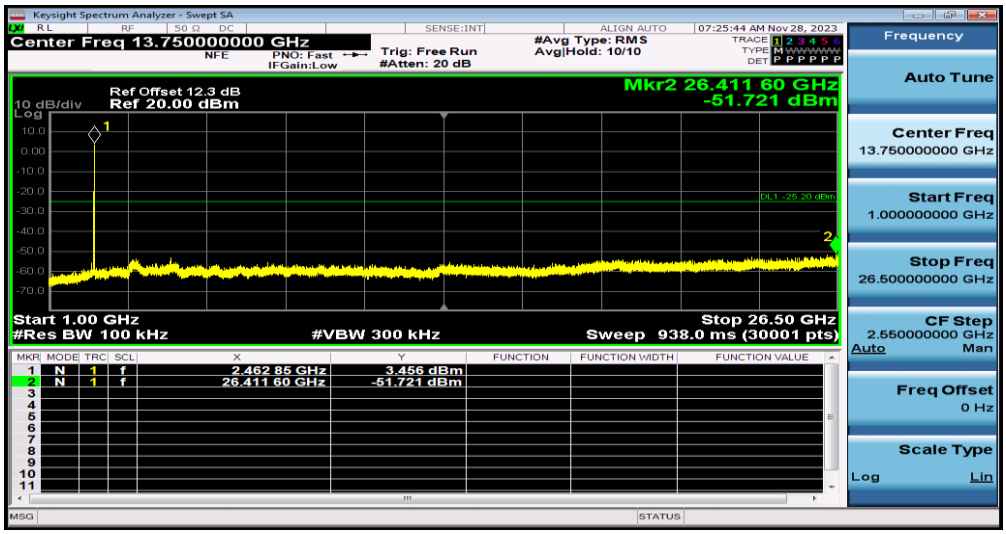

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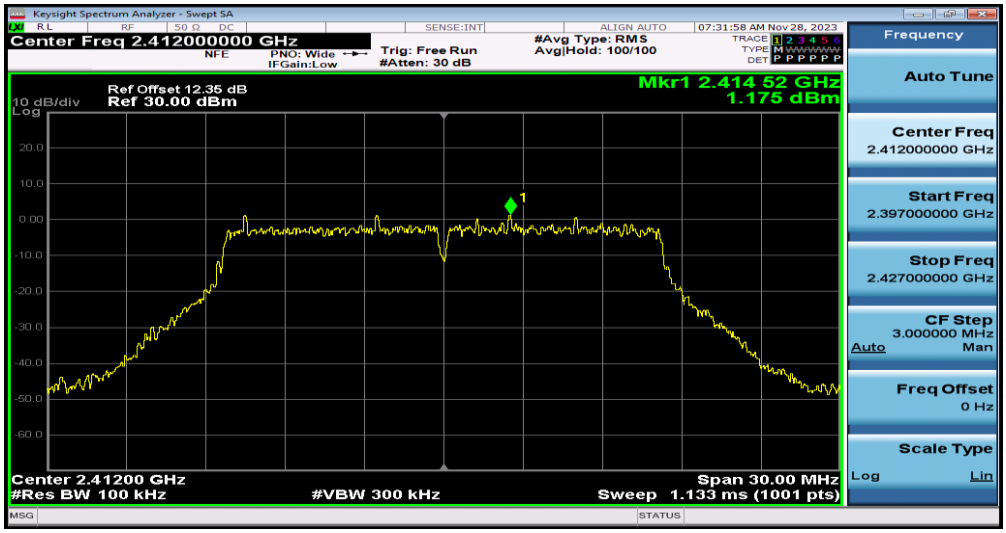
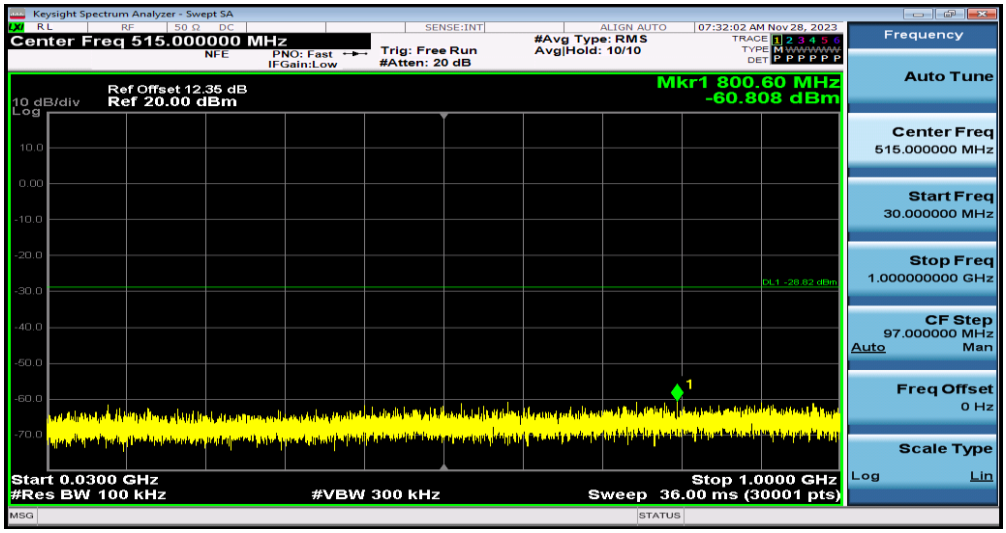
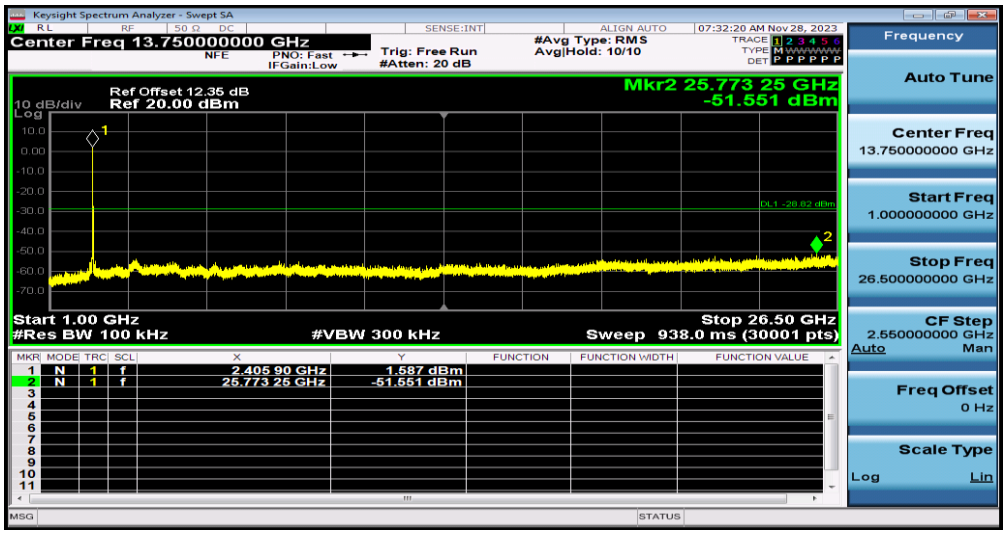


11G-Ant1-2412-0~Reference



11G-Ant1-2412-30~1000



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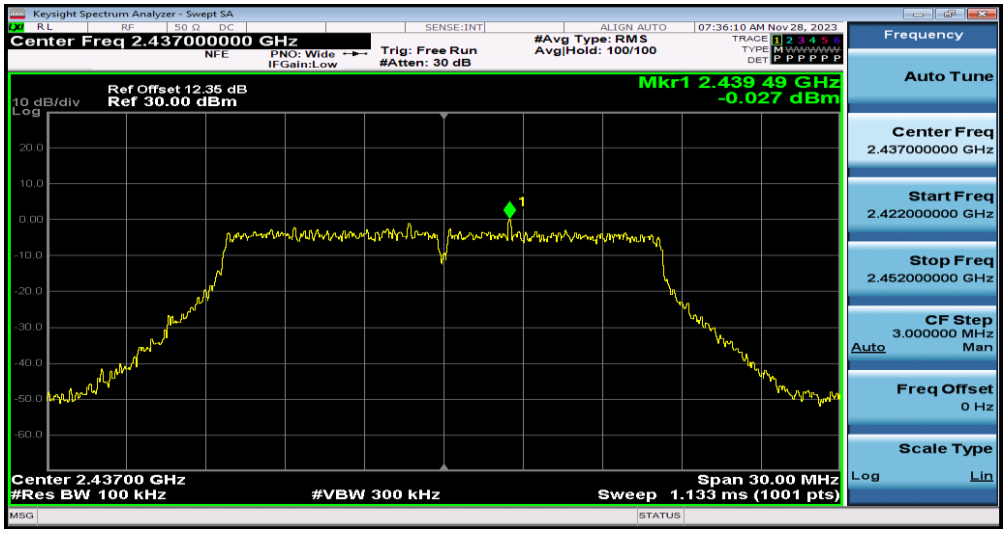
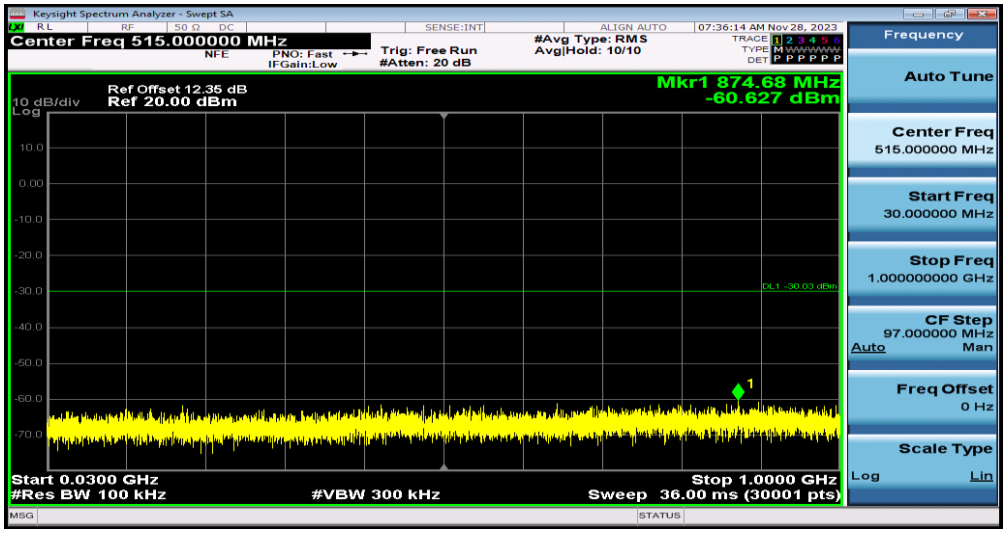
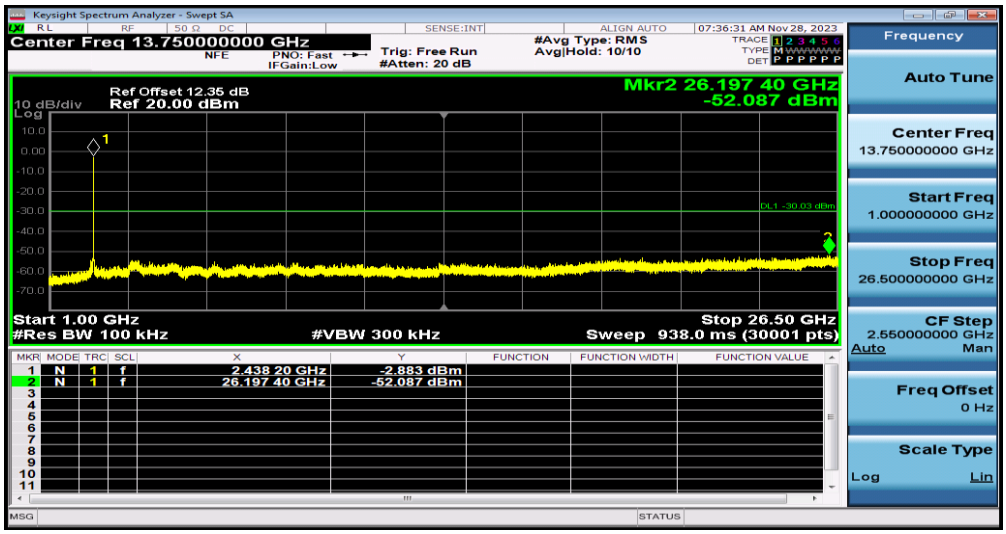


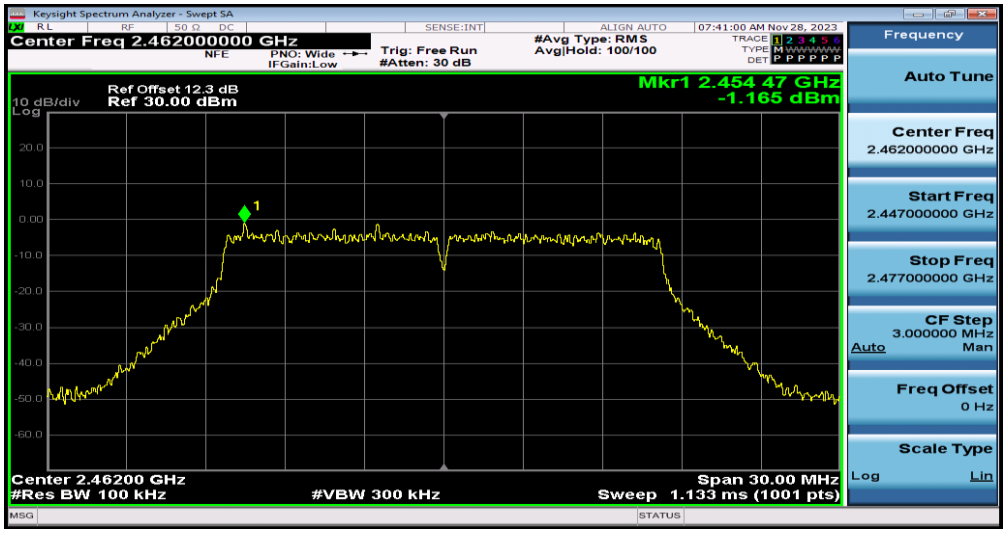
11G-Ant1-2437-0~Reference



11G-Ant1-2437-30~1000



11G-Ant1-2437-1000~26500



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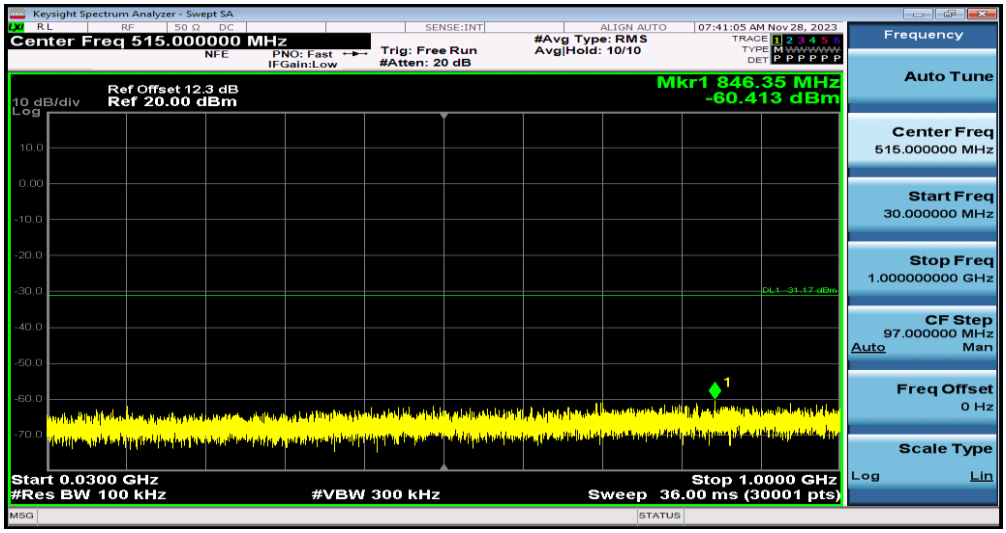

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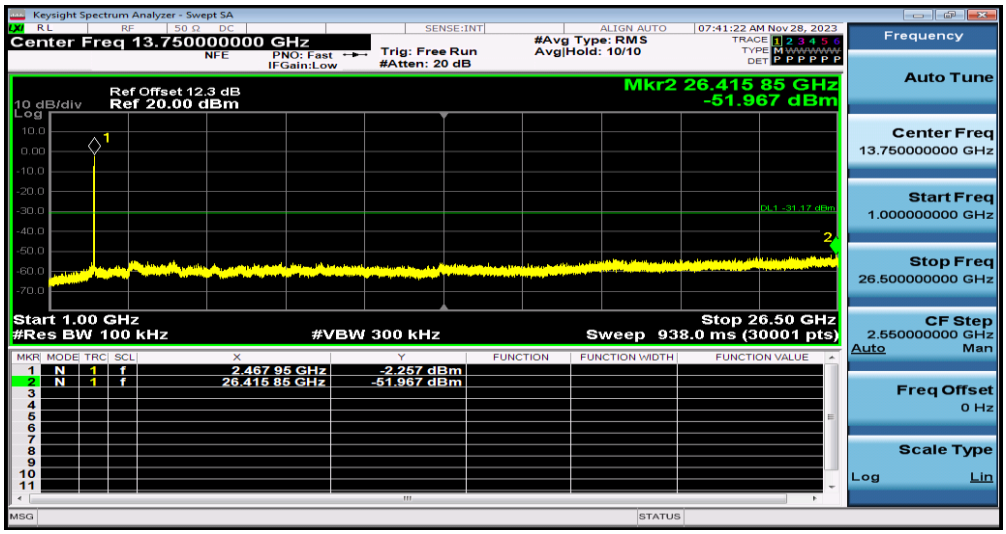

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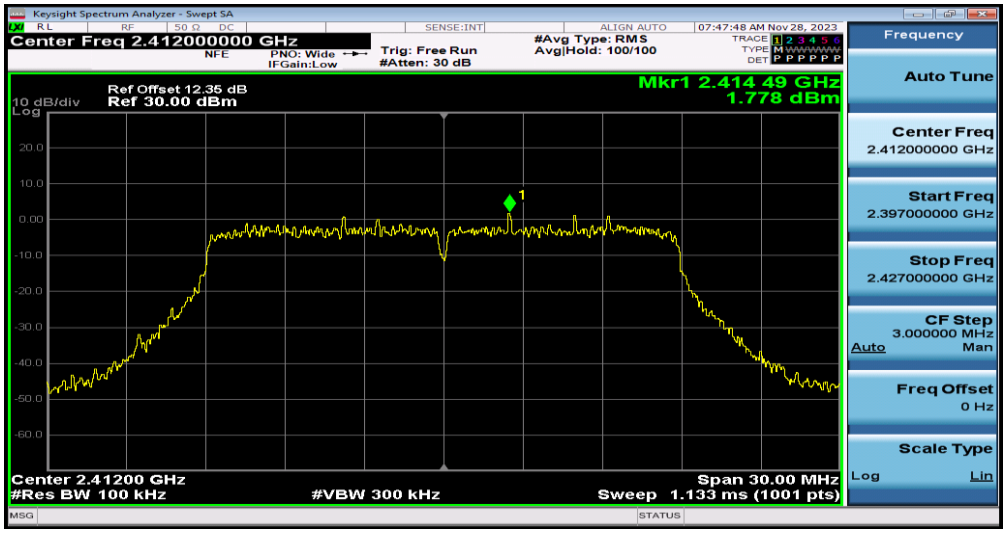

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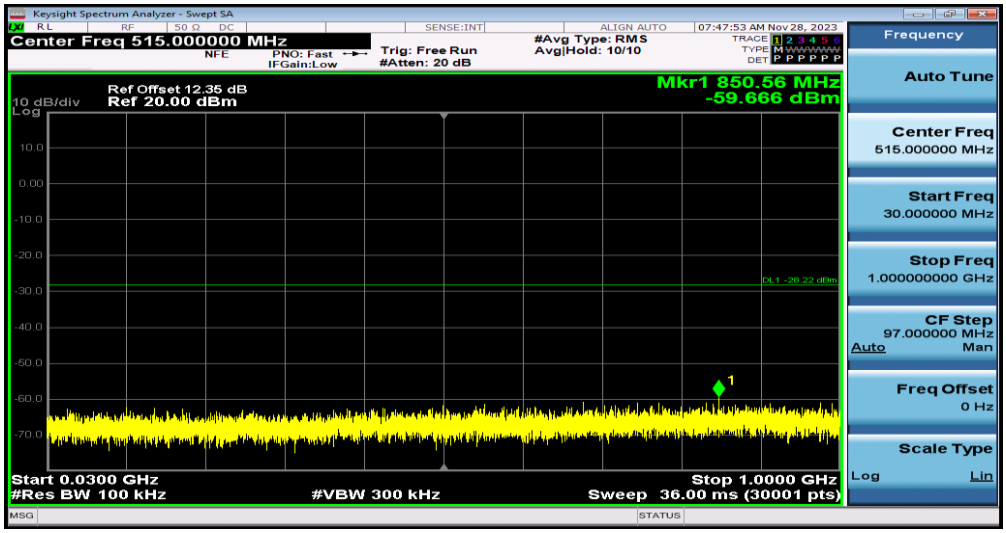
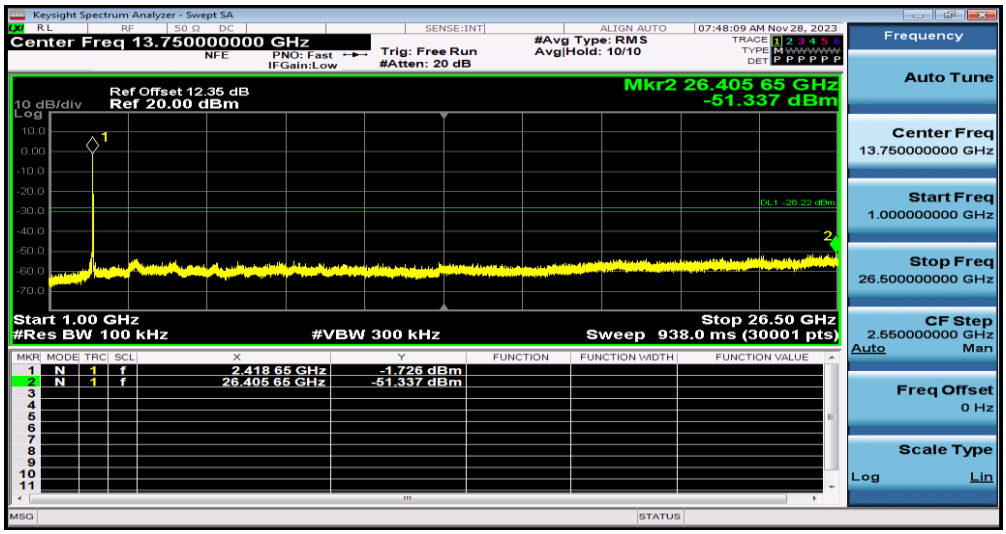
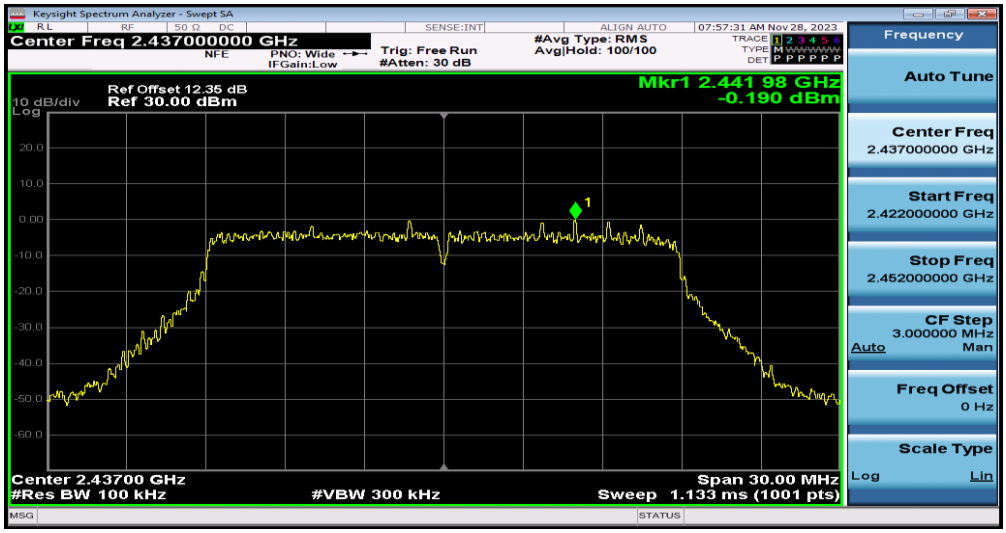


11N20SISO-Ant1-2412-30~1000



11N20SISO-Ant1-2412-1000~26500



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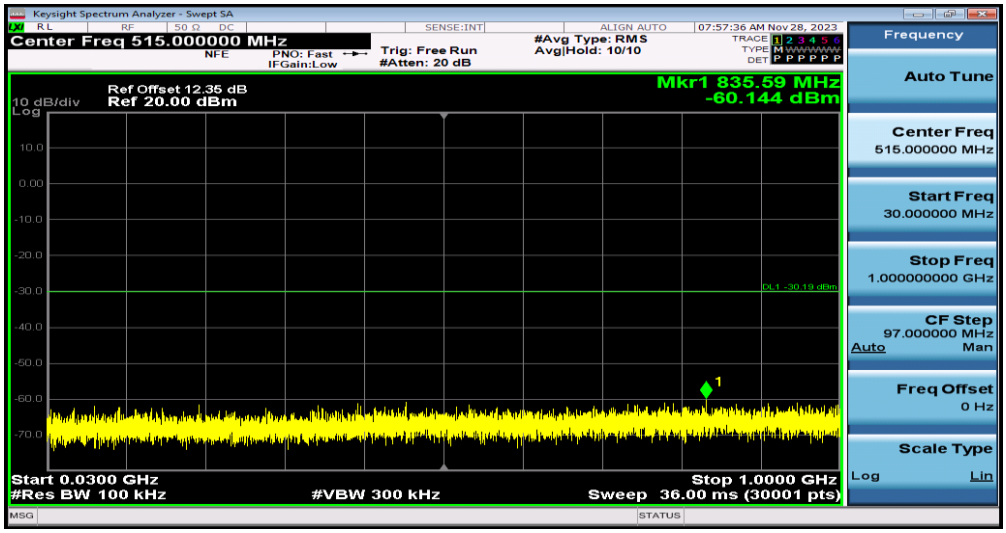
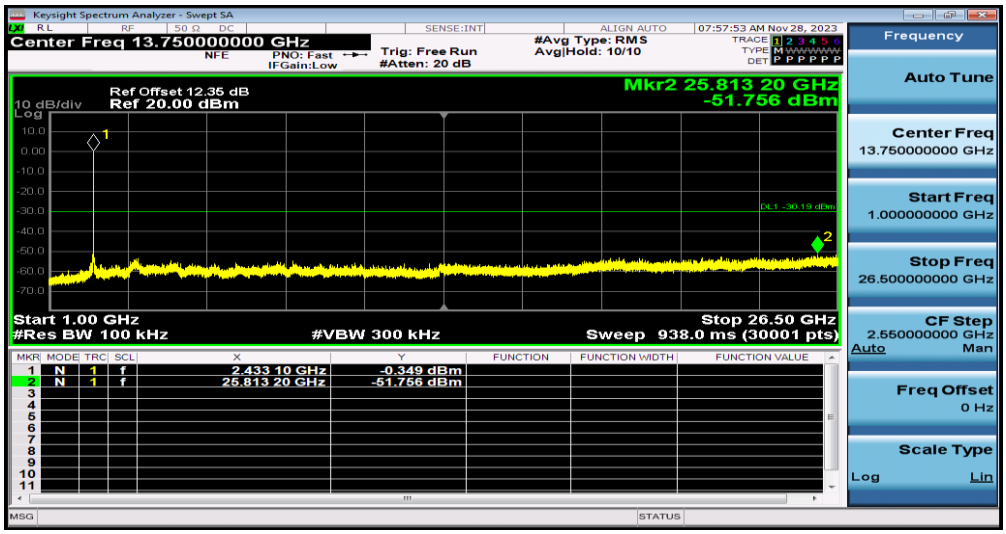
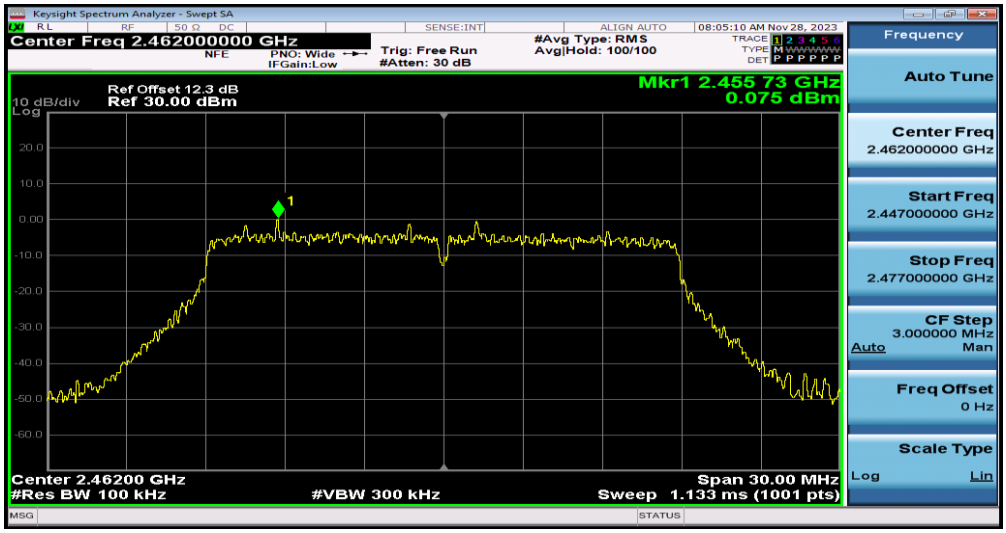


11N20SISO-Ant1-2437-30~1000



11N20SISO-Ant1-2437-1000~26500



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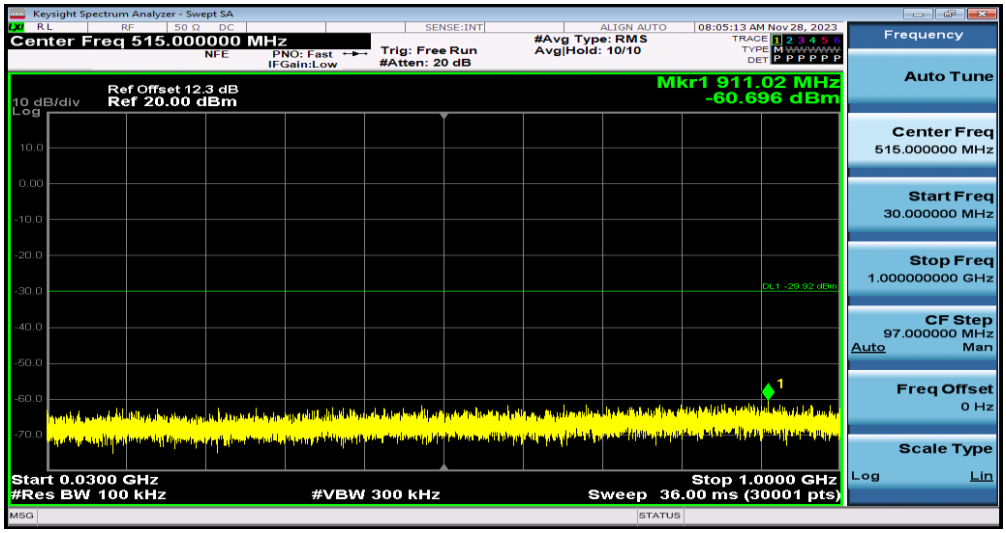

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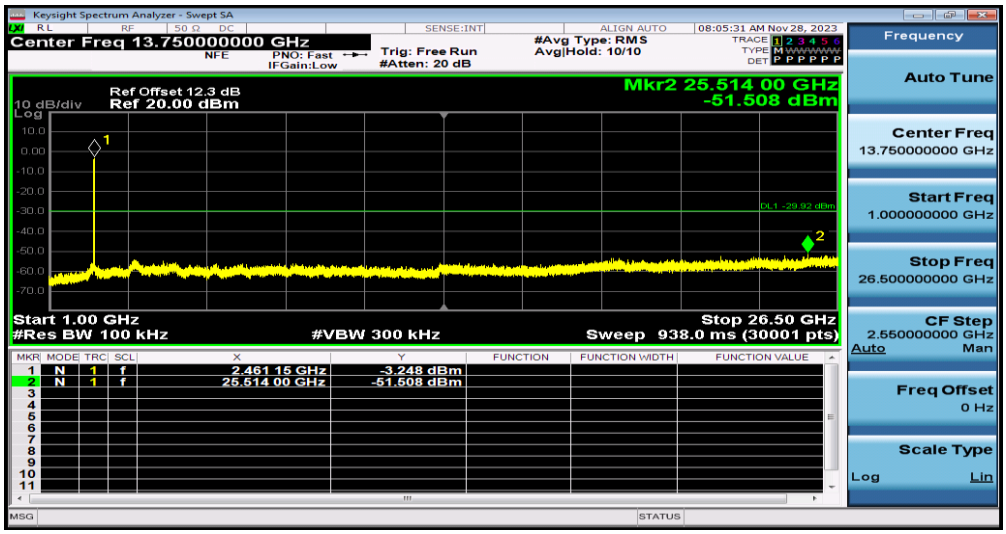

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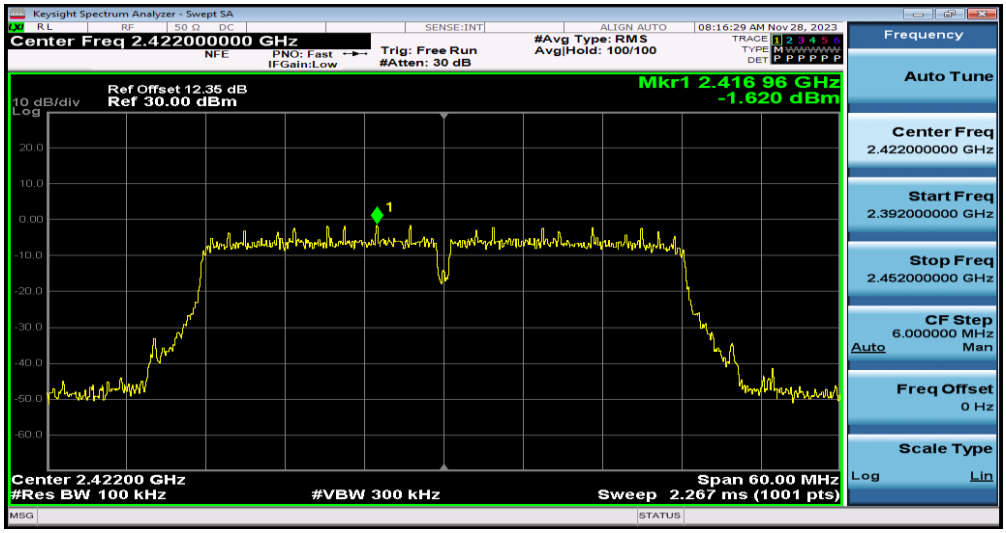
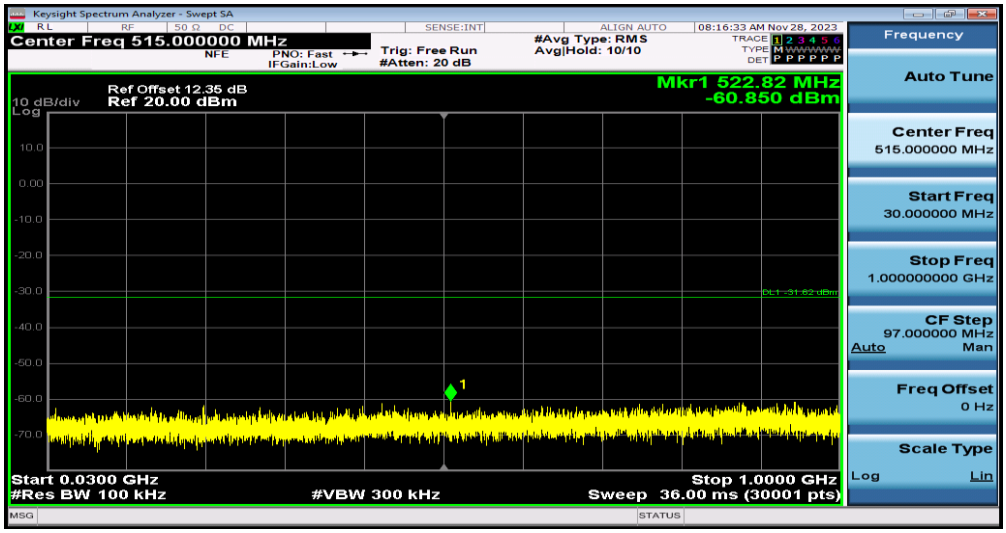


11N40SISO-Ant1-2422-0~Reference



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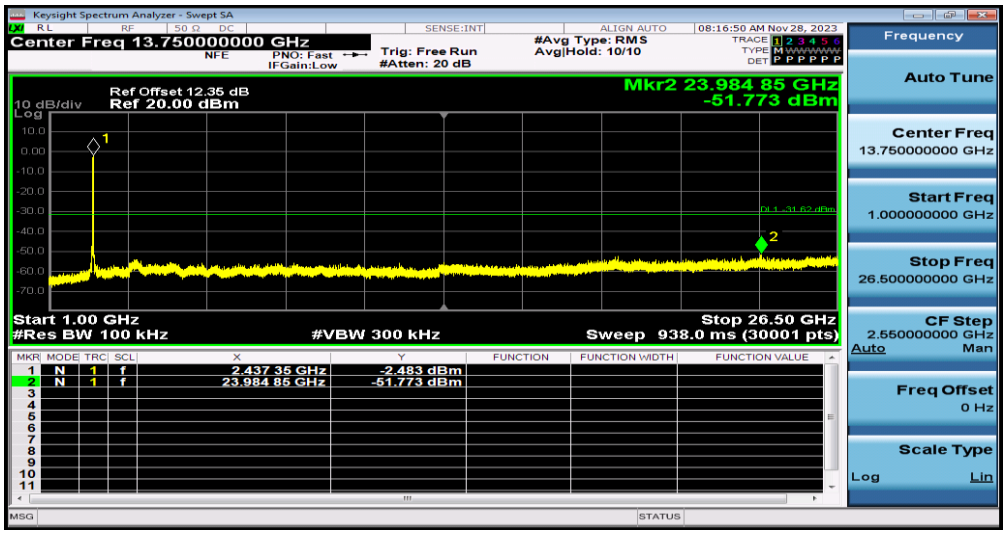

11N40SISO-Ant1-2422-1000~26500

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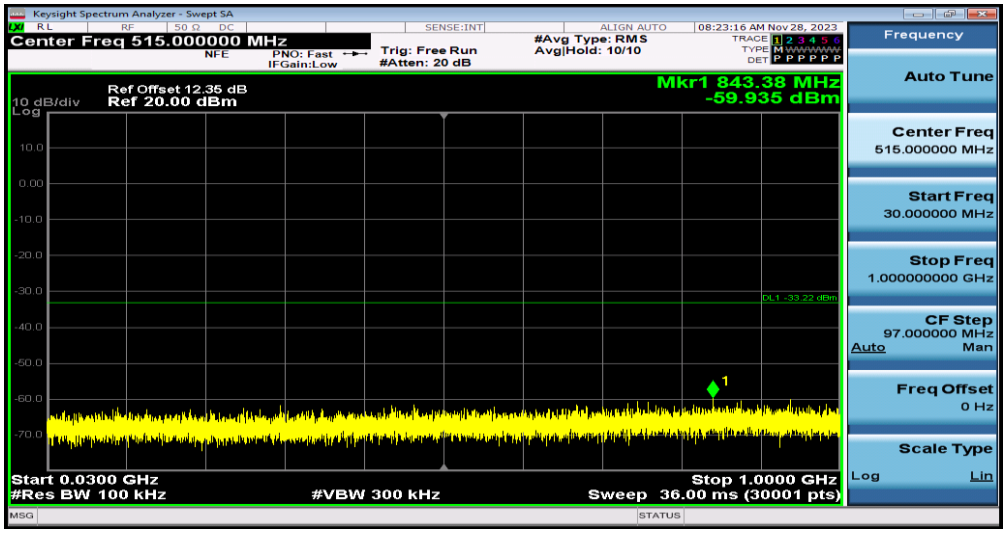

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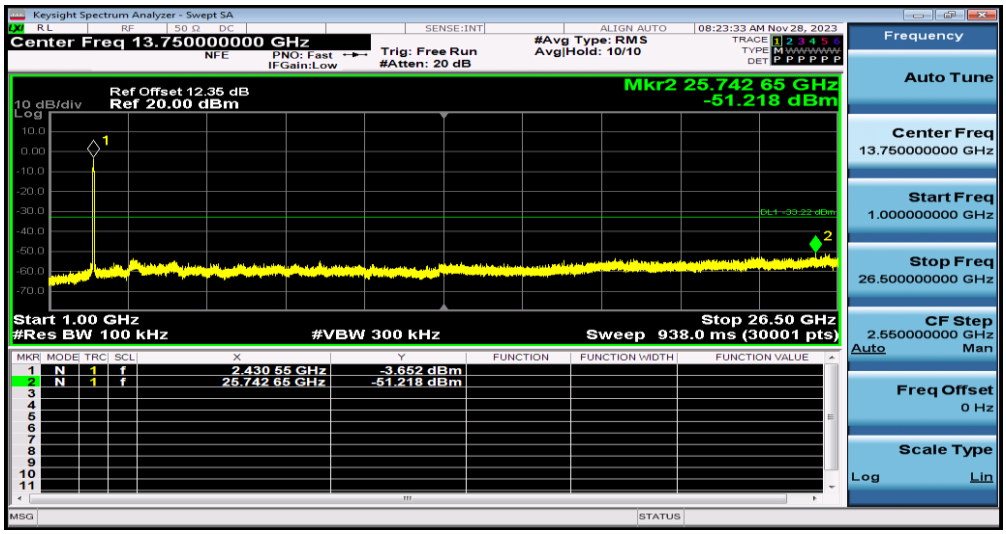
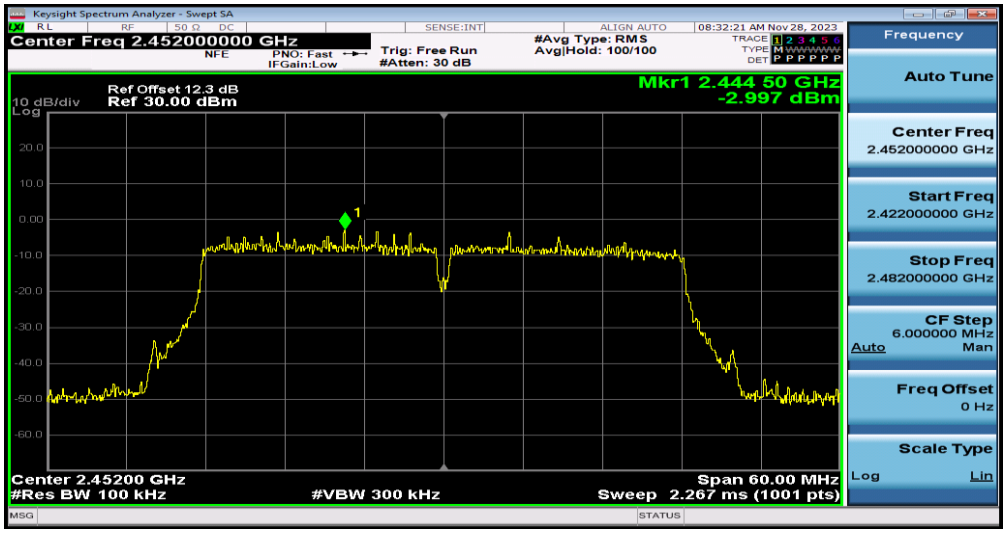
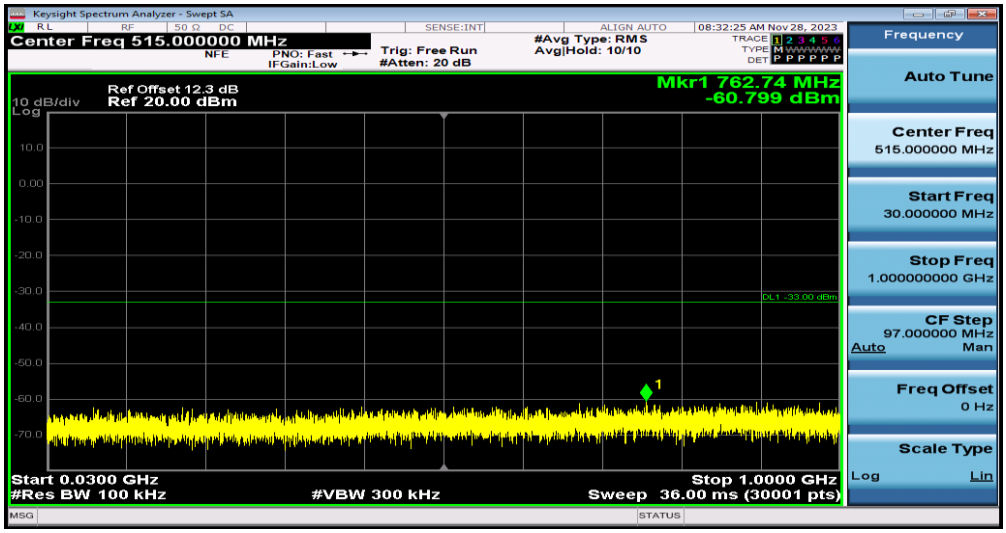


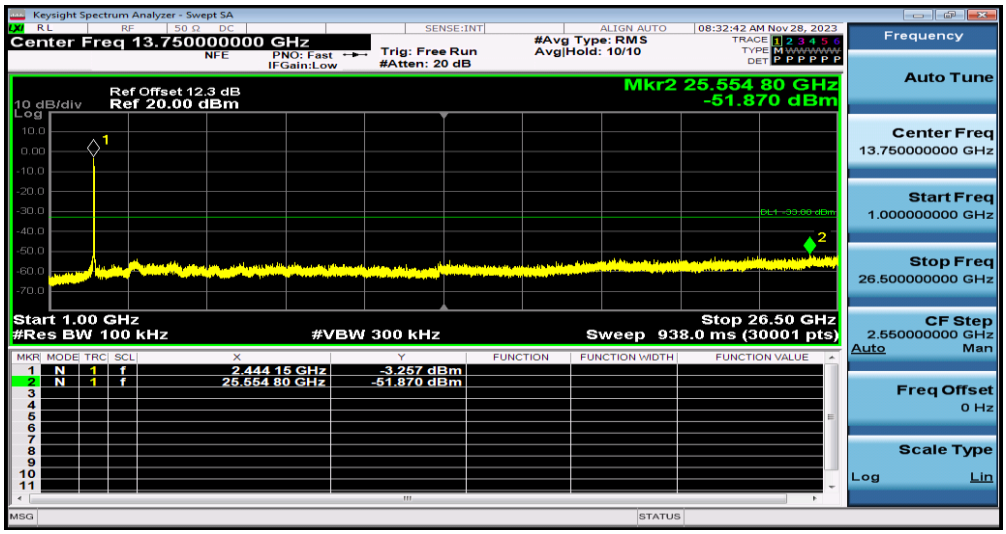
11N40SISO-Ant1-2437-1000~26500



11N40SISO-Ant1-2452-0~Reference



11N40SISO-Ant1-2452-30~1000



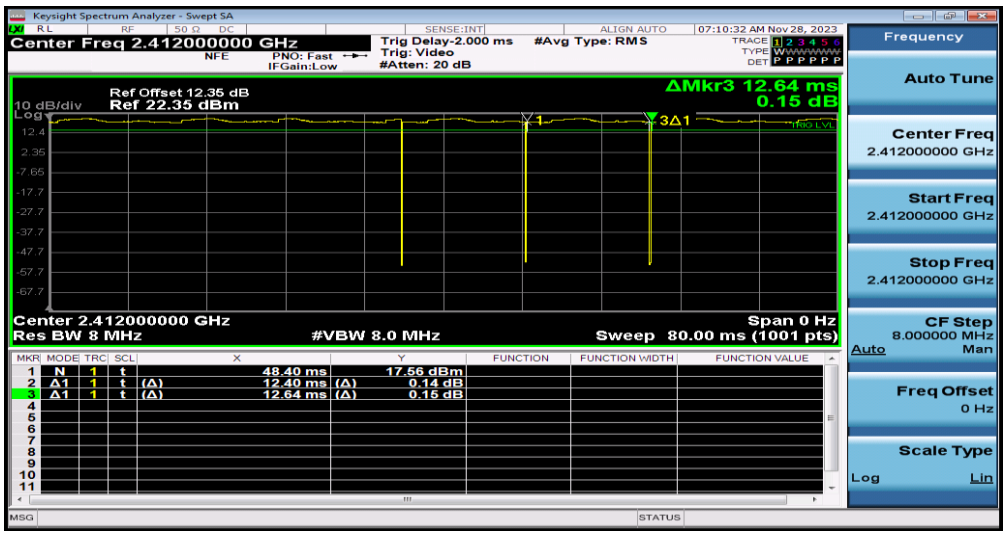
11N40SISO-Ant1-2452-1000~26500

Appendix H: Duty Cycle

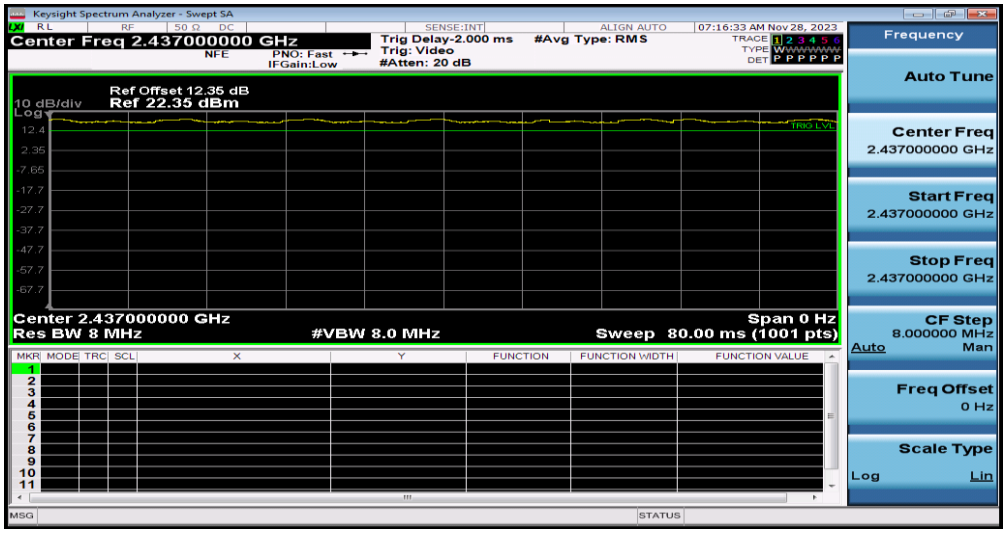
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.40	12.64	98.10	0.08
11B	Ant1	2437	80.00	80.00	100.00	0.00
11B	Ant1	2462	80.00	80.00	100.00	0.00
11G	Ant1	2412	2.07	2.22	93.24	0.30
11G	Ant1	2437	2.06	2.12	97.17	0.12
11G	Ant1	2462	2.06	2.15	95.81	0.19
11N20SISO	Ant1	2412	1.92	2.06	93.20	0.31
11N20SISO	Ant1	2437	1.92	2.04	94.12	0.26
11N20SISO	Ant1	2462	1.92	2.09	91.87	0.37
11N40SISO	Ant1	2422	0.95	1.11	85.59	0.68
11N40SISO	Ant1	2437	0.94	1.09	86.24	0.64
11N40SISO	Ant1	2452	0.95	1.10	86.36	0.64

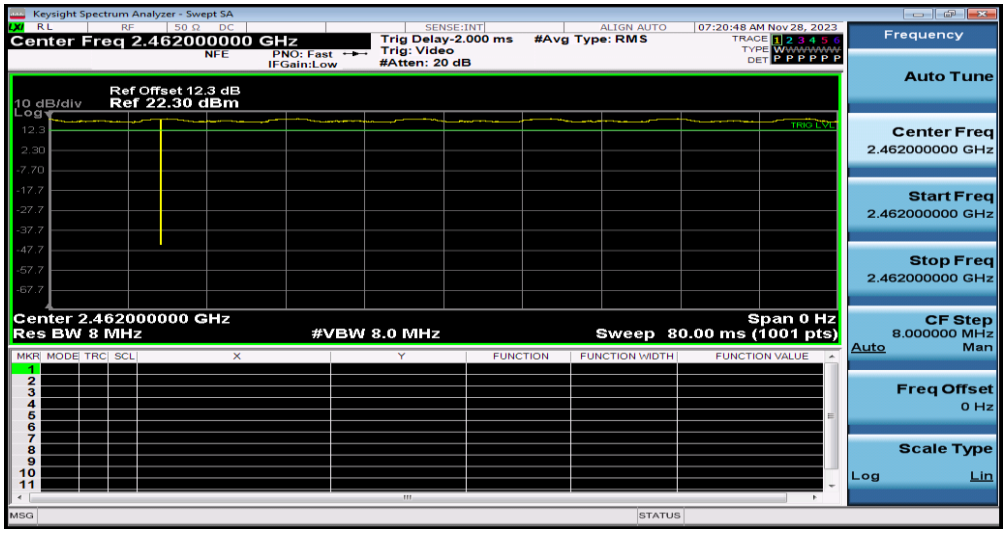
Test Graphs



NTNV-11B-Ant1-2412



NTNV-11B-Ant1-2437



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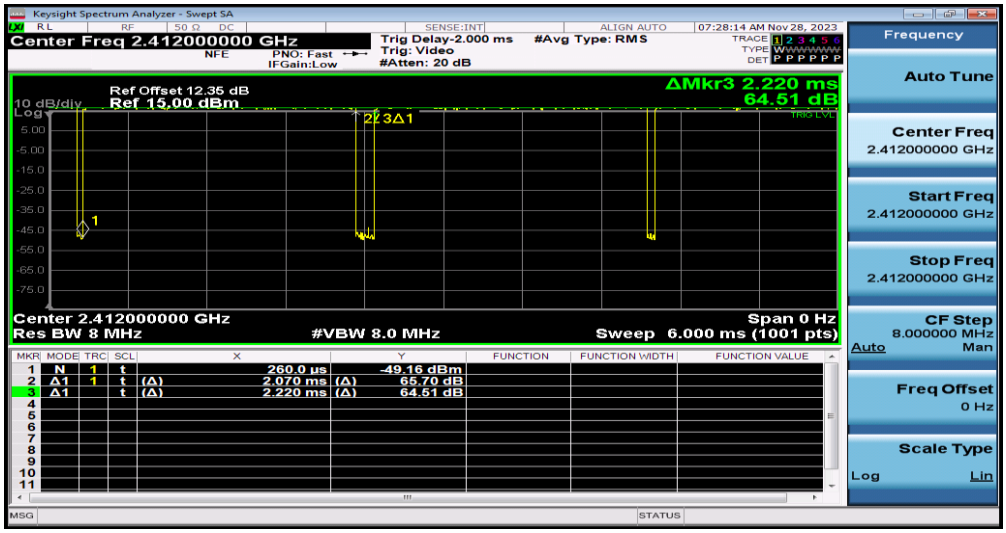
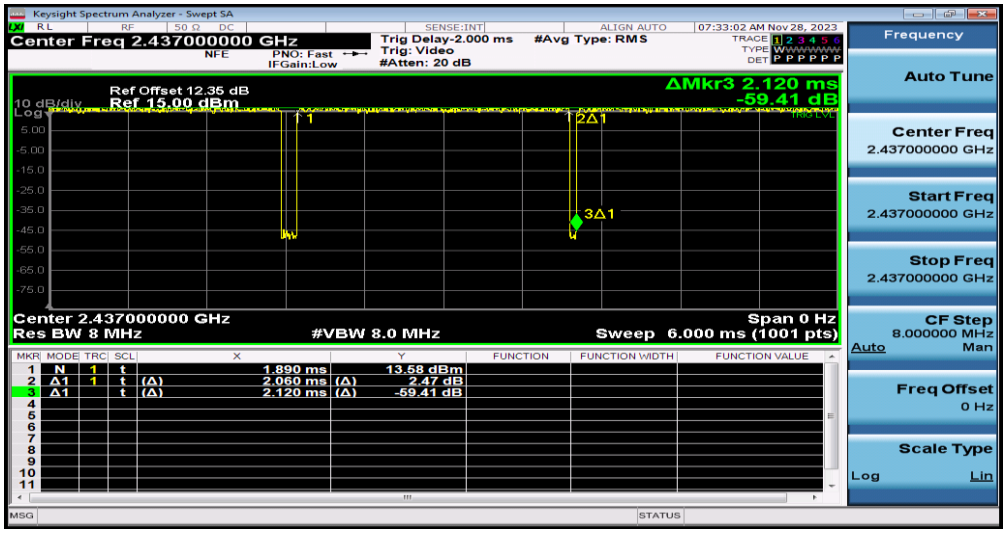


NTNV-11G-Ant1-2412



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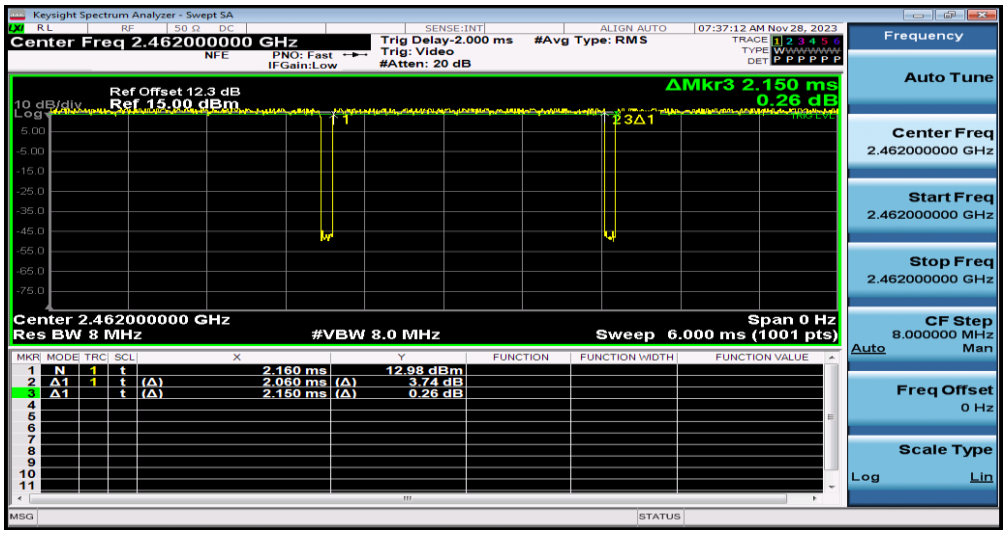

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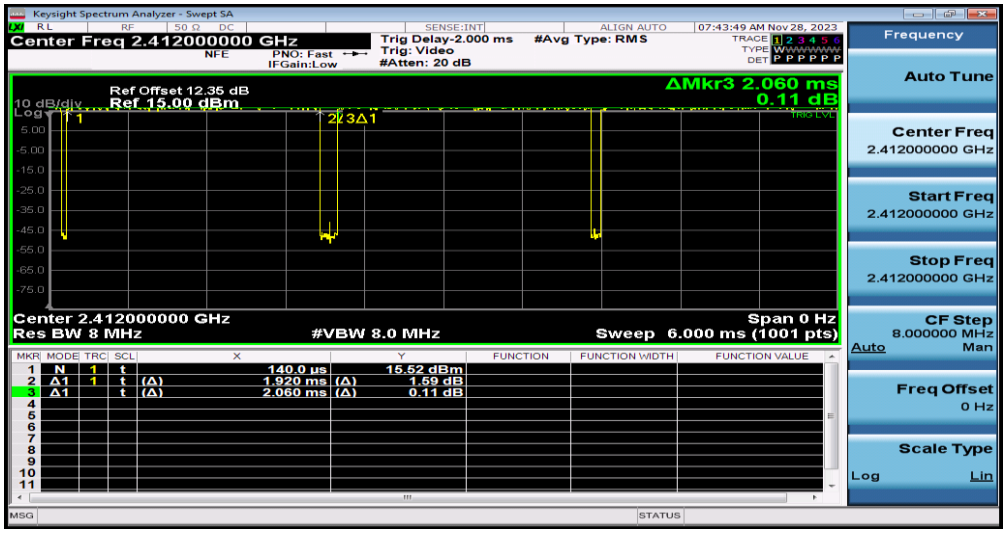

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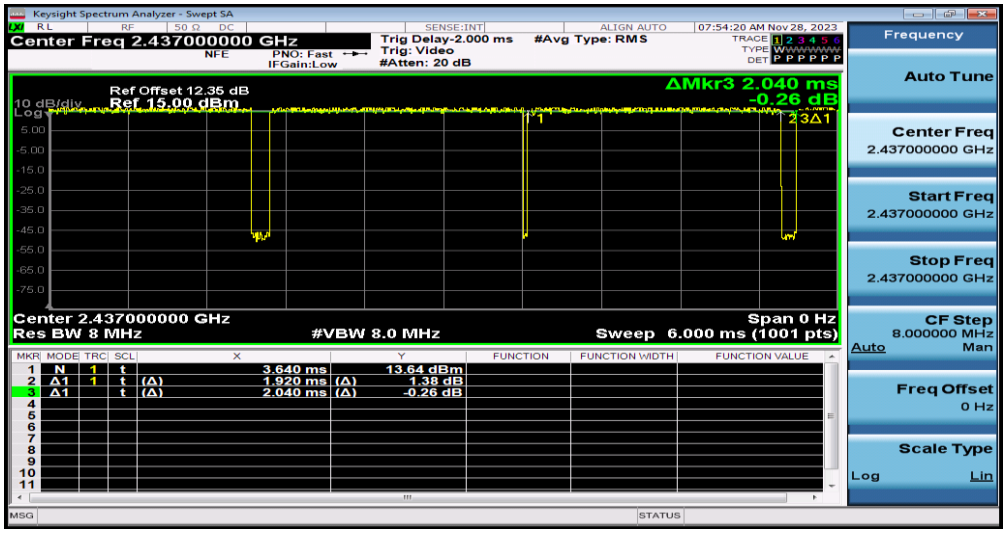

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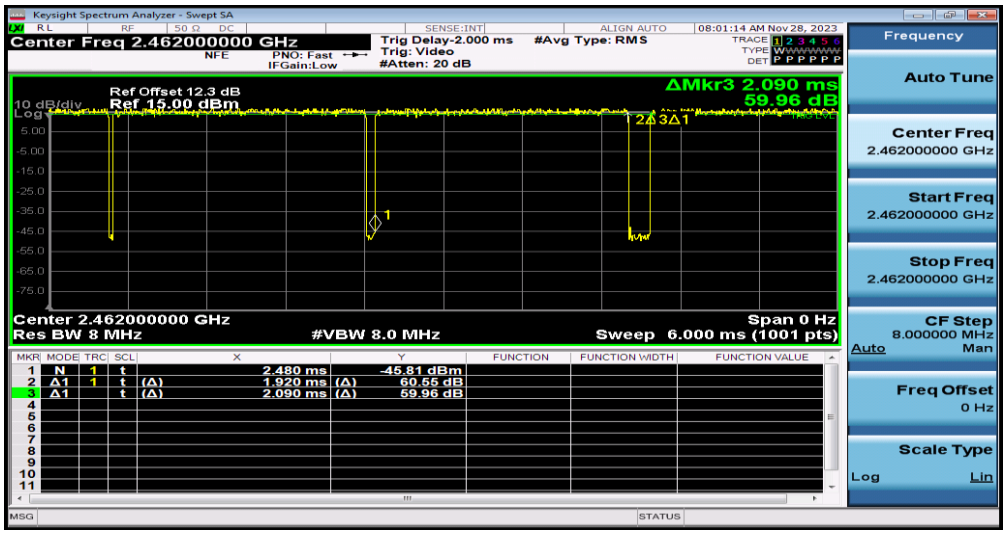

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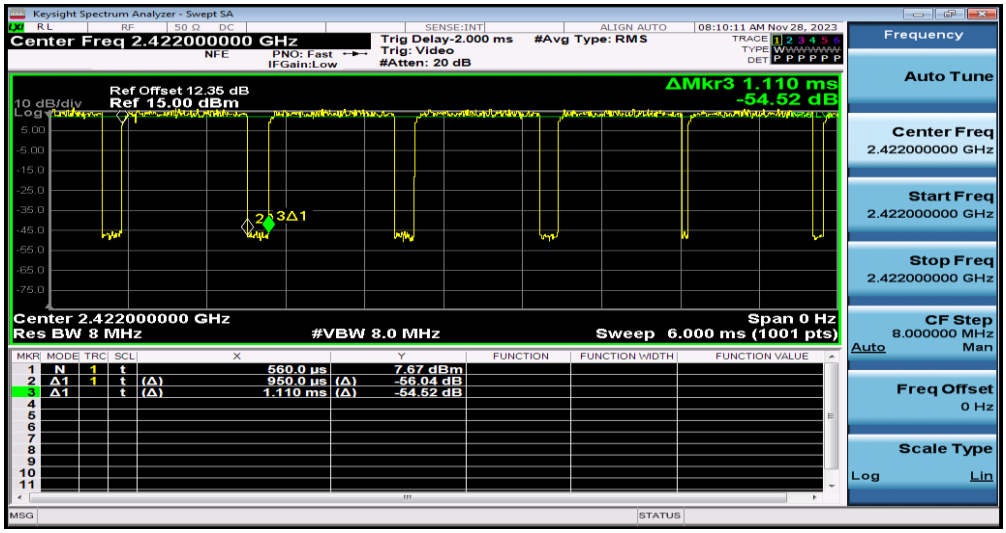

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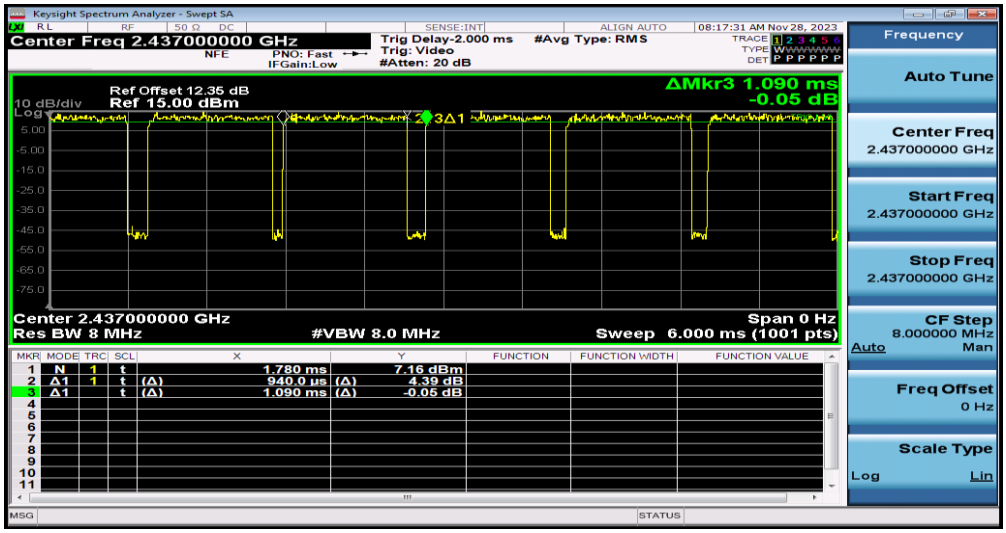

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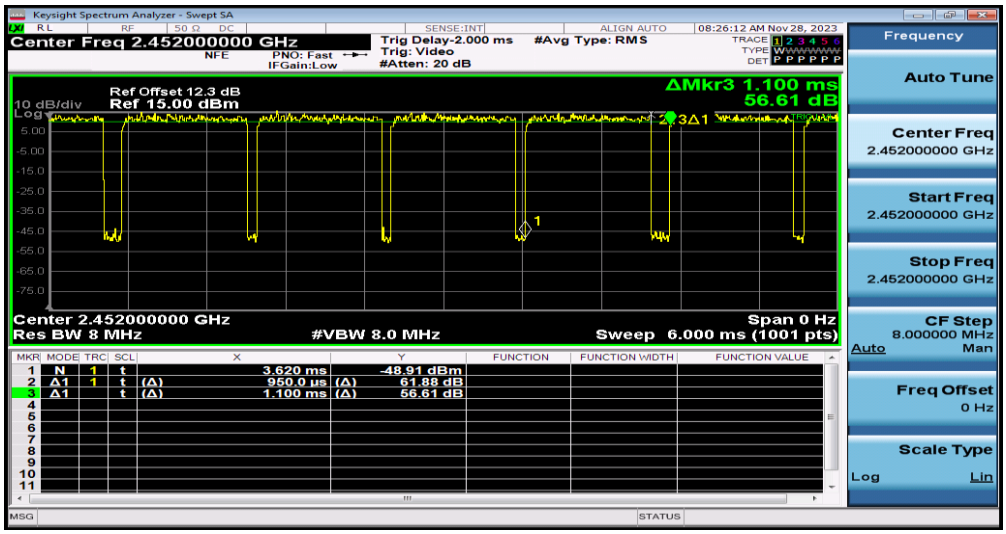

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