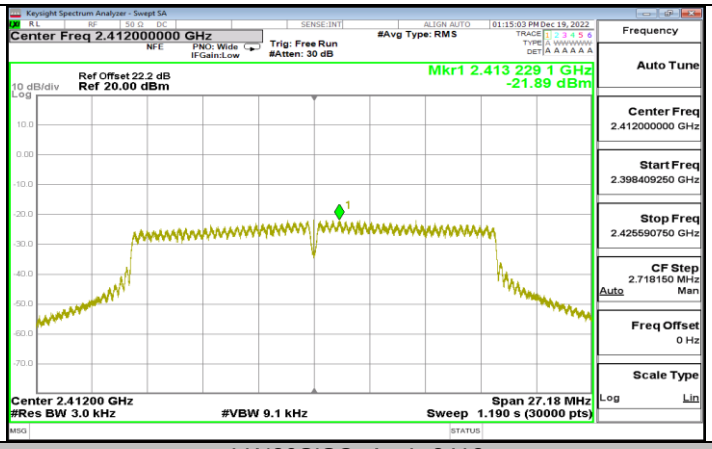
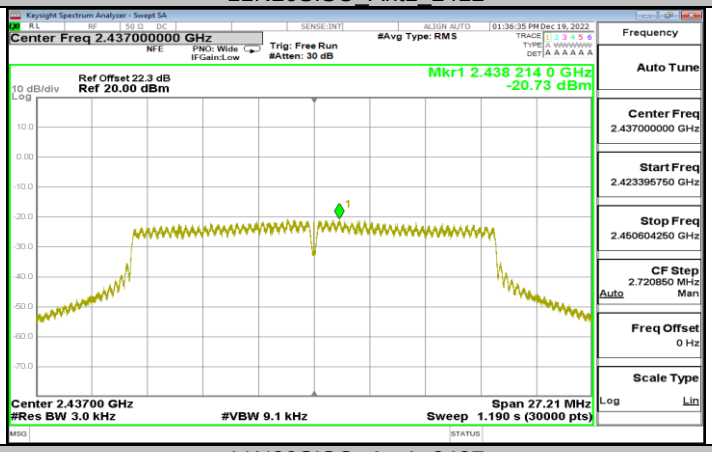
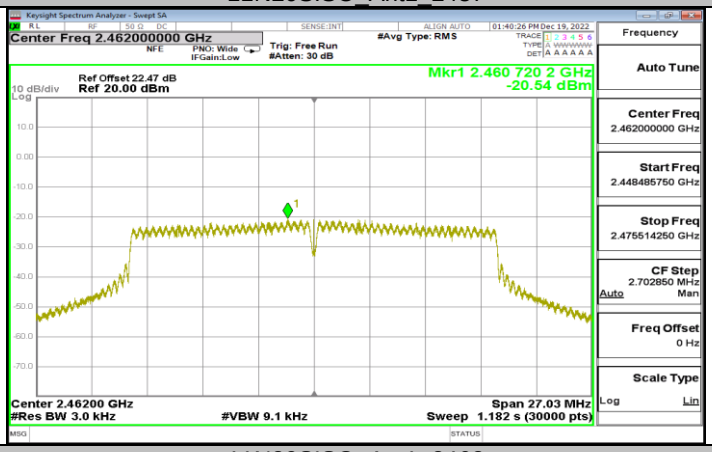


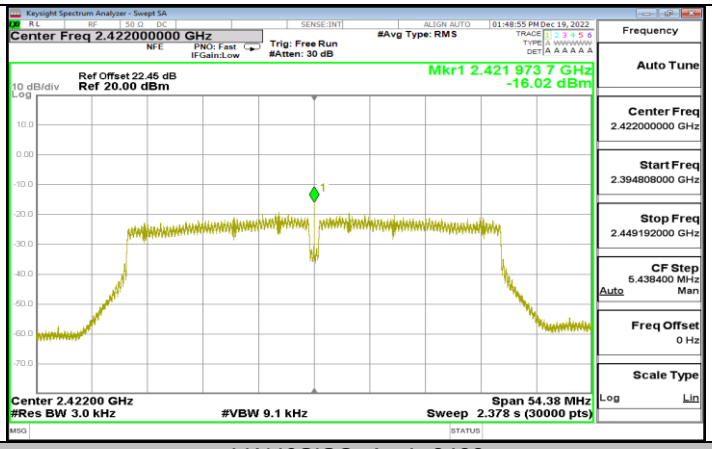
11N20SISO_Ant1_2412



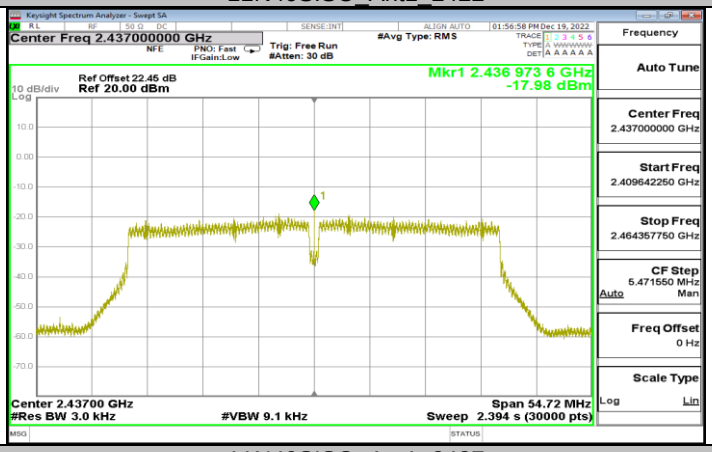
11N20SISO_Ant1_2437



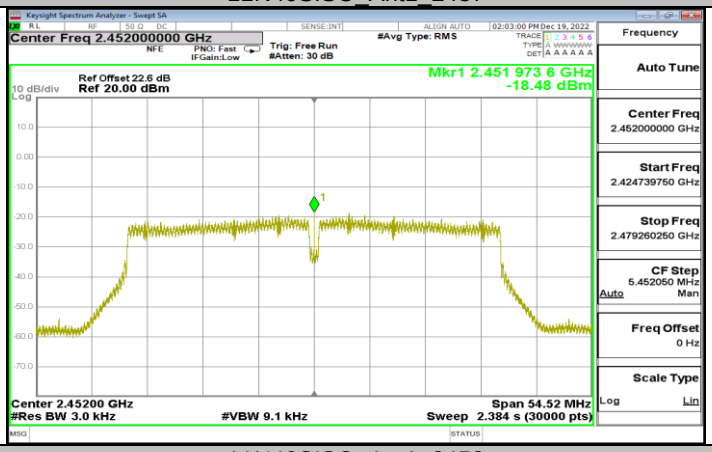
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



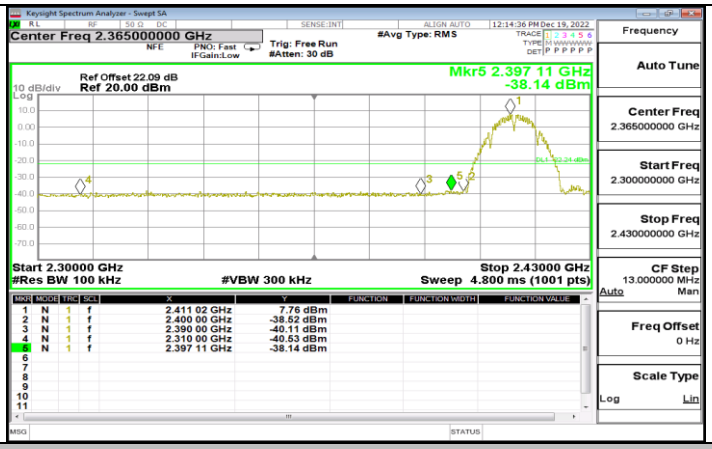
11N40SISO_Ant1_2452

11.5. APPENDIX E: BAND EDGE MEASUREMENTS

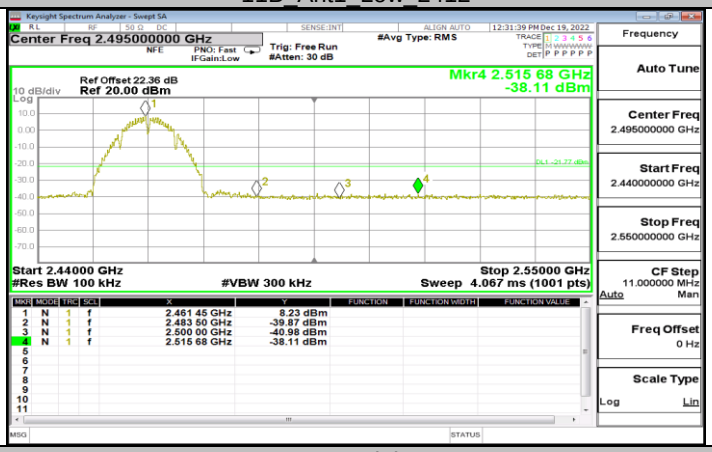
11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.76	-38.14	≤-22.24	PASS
		High	2462	8.23	-38.11	≤-21.77	PASS
11G	Ant1	Low	2412	6.05	-24.3	≤-23.95	PASS
		High	2462	6.16	-37.22	≤-23.84	PASS
11N20SISO	Ant1	Low	2412	2.54	-27.92	≤-27.46	PASS
		High	2462	3.75	-38.04	≤-26.25	PASS
11N40SISO	Ant1	Low	2422	3.46	-31.36	≤-26.54	PASS
		High	2452	3.96	-31.09	≤-26.04	PASS

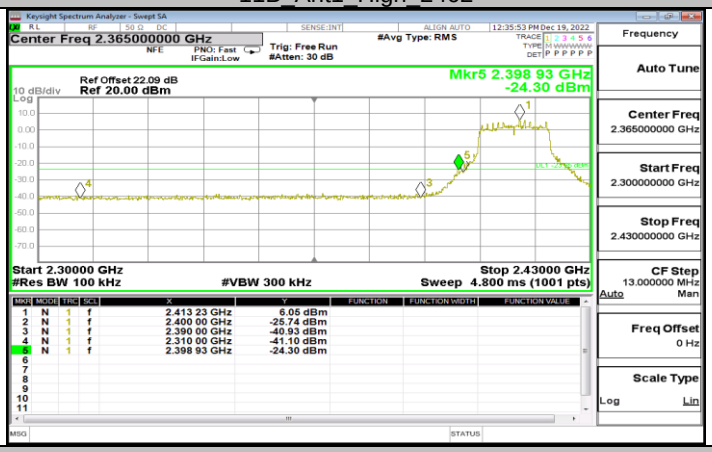
11.5.2. Test Graphs



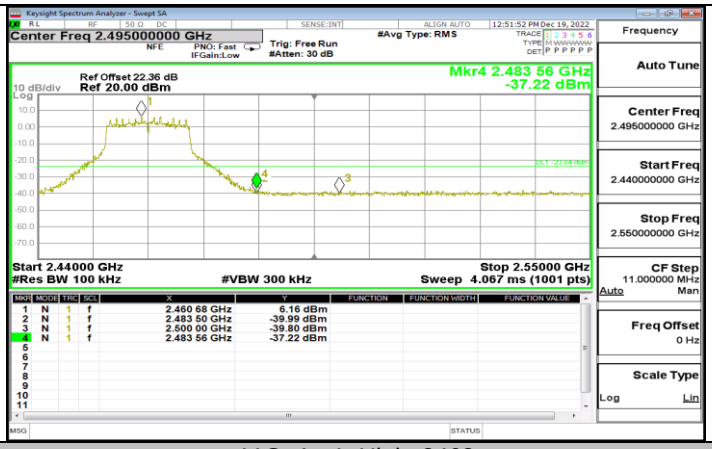
11B_Ant1_Low_2412



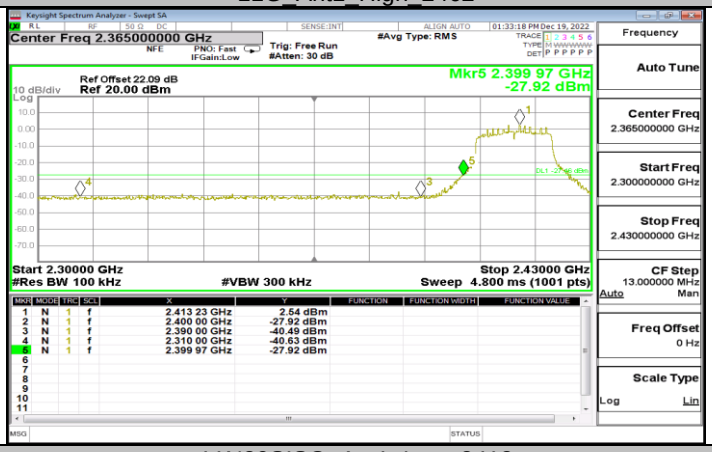
11B_Ant1_High_2462



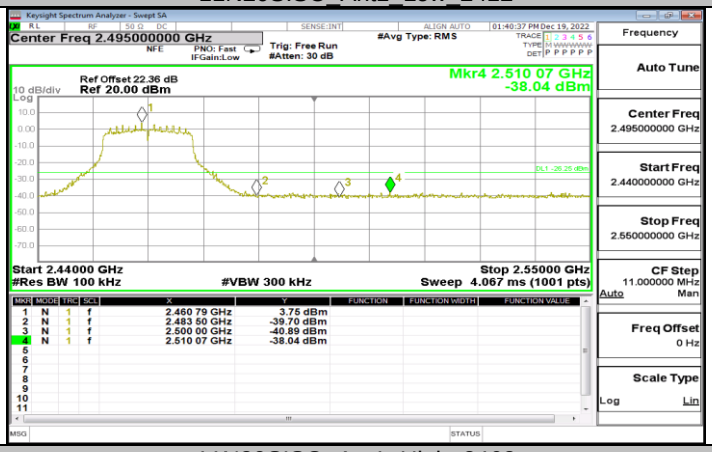
11G_Ant1_Low_2412



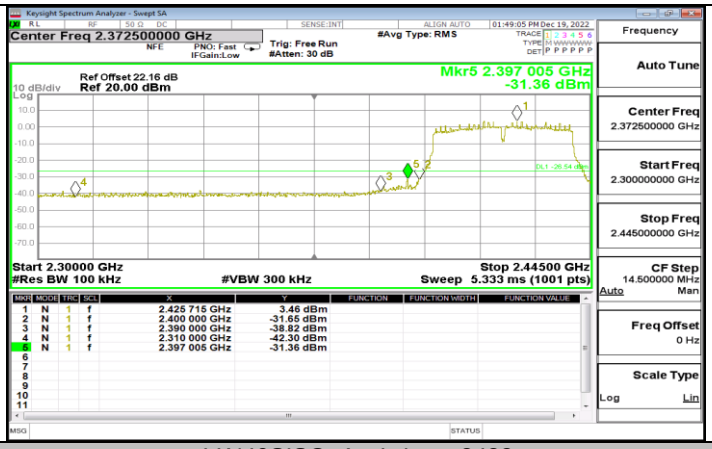
11G_Ant1_High_2462



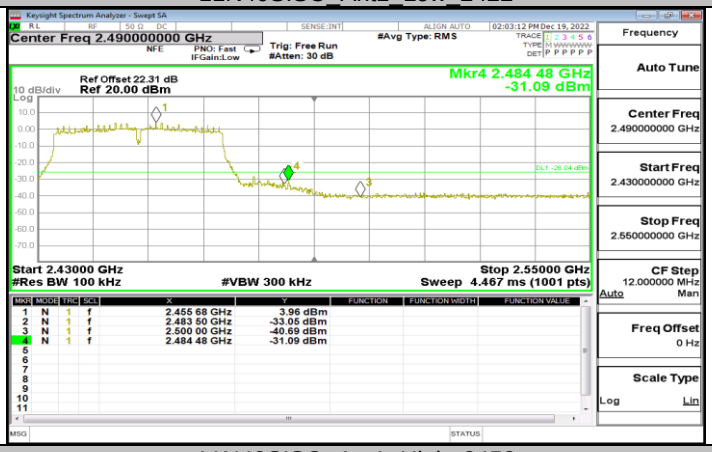
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



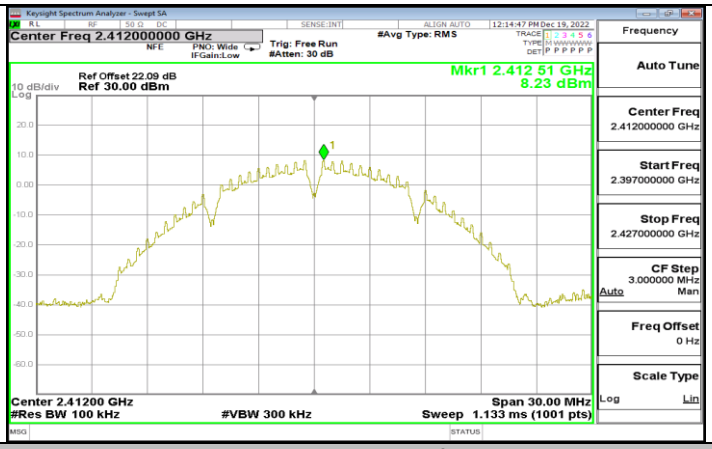
11N40SISO_Ant1_High_2452

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

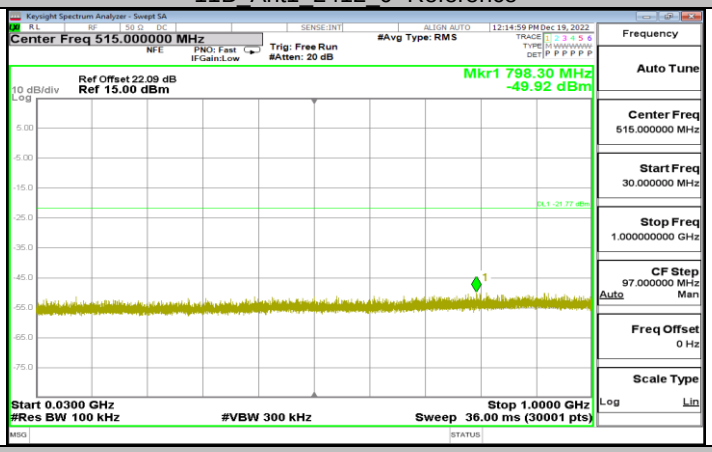
11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.23	8.23	---	PASS
			30~1000	8.23	-49.92	≤-21.77	PASS
			1000~26500	8.23	-42.22	≤-21.77	PASS
		2437	Reference	8.24	8.24	---	PASS
			30~1000	8.24	-49.32	≤-21.76	PASS
			1000~26500	8.24	-41.49	≤-21.76	PASS
		2462	Reference	8.43	8.43	---	PASS
			30~1000	8.43	-48.89	≤-21.57	PASS
			1000~26500	8.43	-41.5	≤-21.57	PASS
11G	Ant1	2412	Reference	6.18	6.18	---	PASS
			30~1000	6.18	-49.65	≤-23.82	PASS
			1000~26500	6.18	-41.2	≤-23.82	PASS
		2437	Reference	6.48	6.48	---	PASS
			30~1000	6.48	-49.85	≤-23.52	PASS
			1000~26500	6.48	-41.58	≤-23.52	PASS
		2462	Reference	6.55	6.55	---	PASS
			30~1000	6.55	-49.66	≤-23.45	PASS
			1000~26500	6.55	-41.15	≤-23.45	PASS
11N20SISO	Ant1	2412	Reference	2.60	2.60	---	PASS
			30~1000	2.60	-49.47	≤-27.4	PASS
			1000~26500	2.60	-42.49	≤-27.4	PASS
		2437	Reference	3.52	3.52	---	PASS
			30~1000	3.52	-49.42	≤-26.48	PASS
			1000~26500	3.52	-41.96	≤-26.48	PASS
		2462	Reference	3.71	3.71	---	PASS
			30~1000	3.71	-49.78	≤-26.29	PASS
			1000~26500	3.71	-41.7	≤-26.29	PASS
11N40SISO	Ant1	2422	Reference	3.46	3.46	---	PASS
			30~1000	3.46	-49.81	≤-26.54	PASS
			1000~26500	3.46	-41.95	≤-26.54	PASS
		2437	Reference	3.47	3.47	---	PASS
			30~1000	3.47	-49.28	≤-26.53	PASS
			1000~26500	3.47	-42.29	≤-26.53	PASS
		2452	Reference	3.98	3.98	---	PASS
			30~1000	3.98	-49.16	≤-26.02	PASS
			1000~26500	3.98	-40.91	≤-26.02	PASS

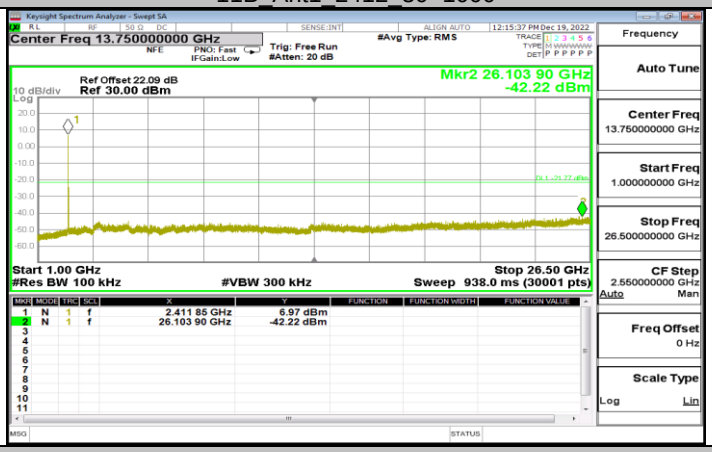
11.6.2. Test Graphs



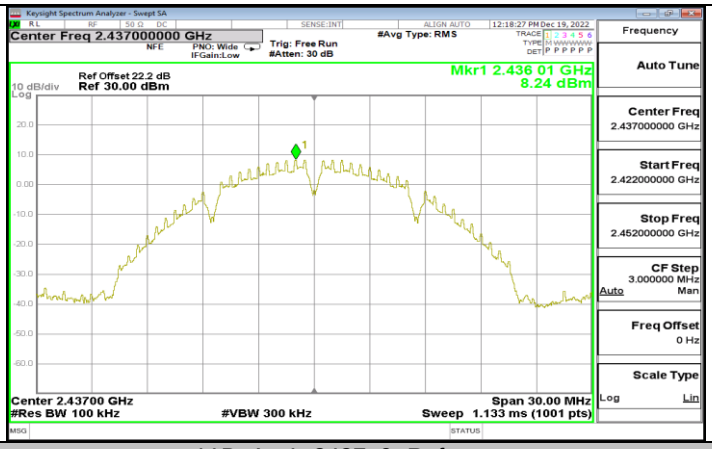
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



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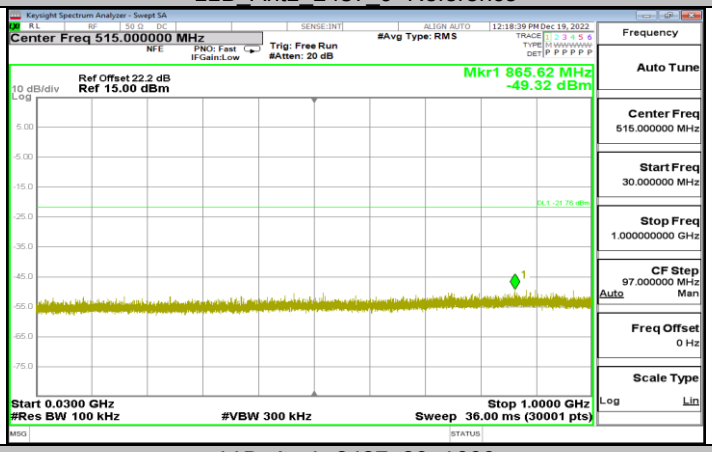

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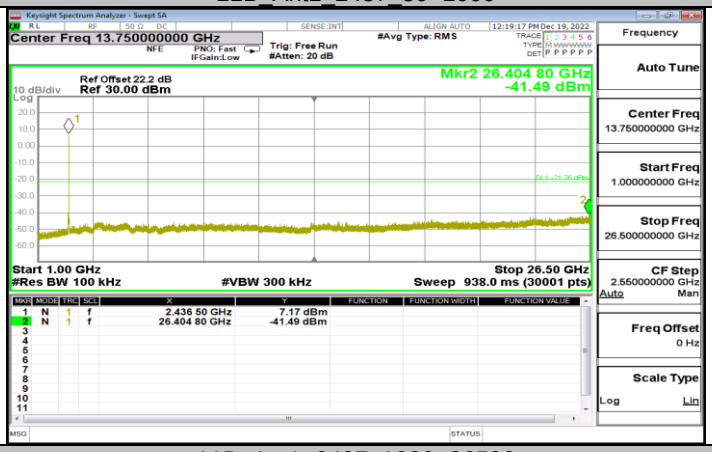

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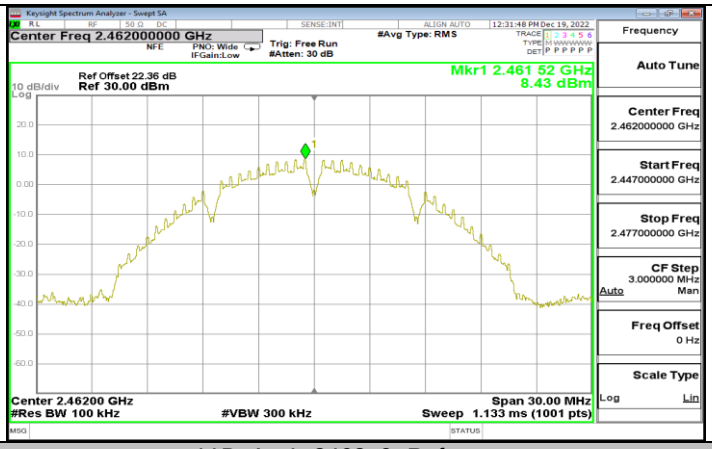
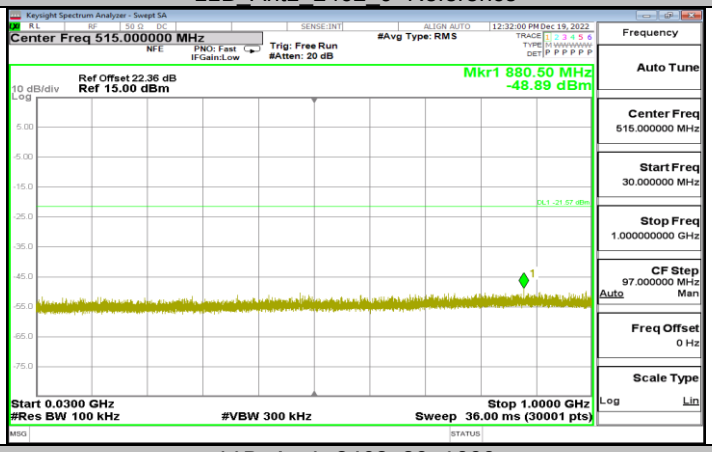
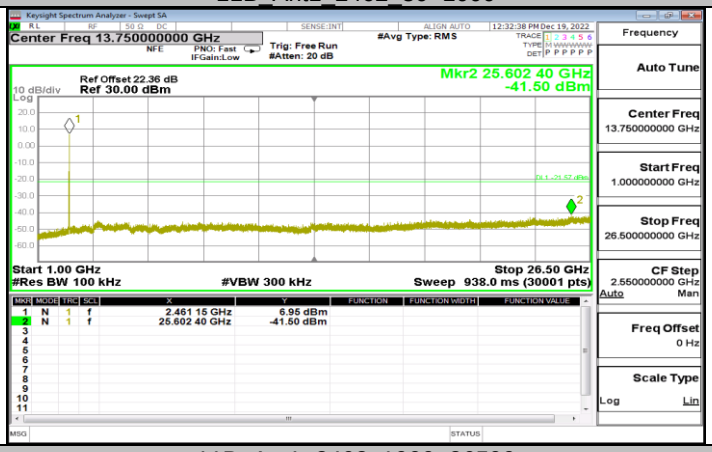


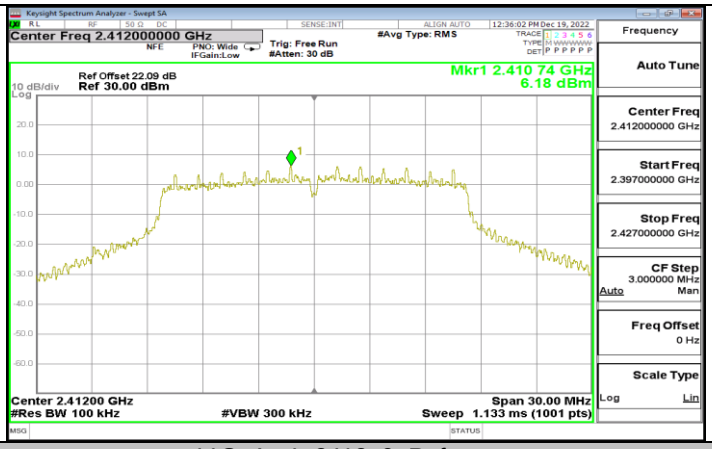
11B_Ant1_2462_0~Reference



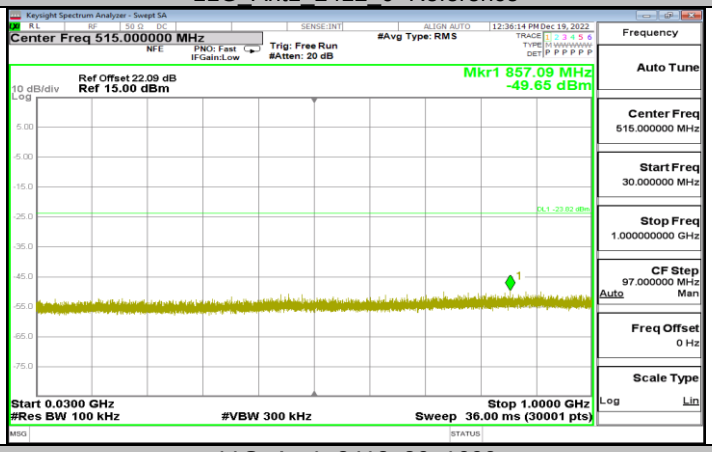
11B_Ant1_2462_30~1000



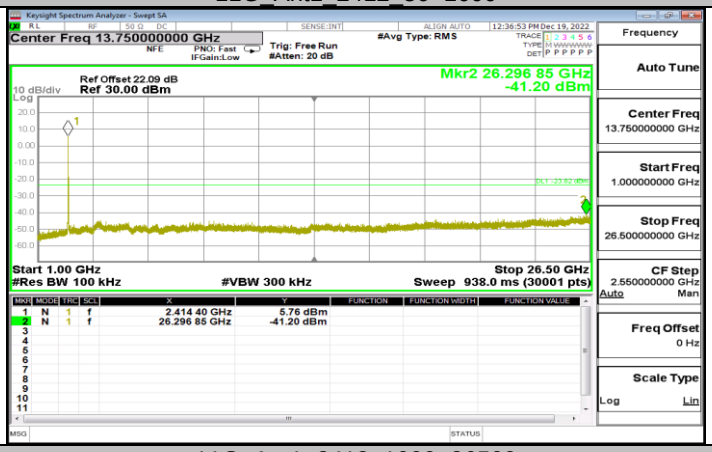
11B_Ant1_2462_1000~26500



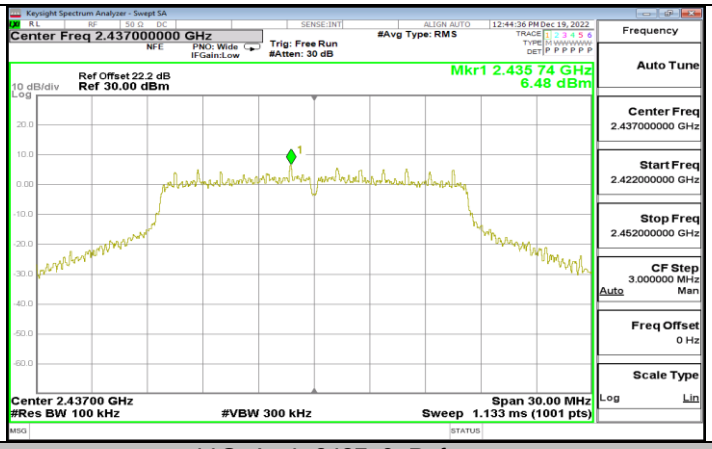
11G_Ant1_2412_0~Reference



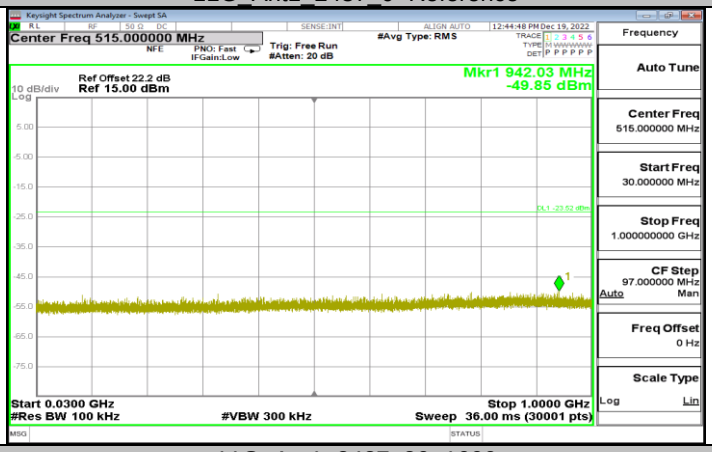
11G_Ant1_2412_30~1000



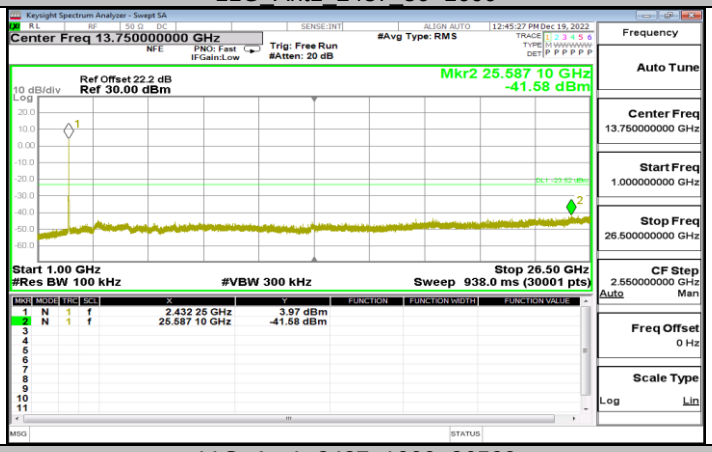
11G_Ant1_2412_1000~26500



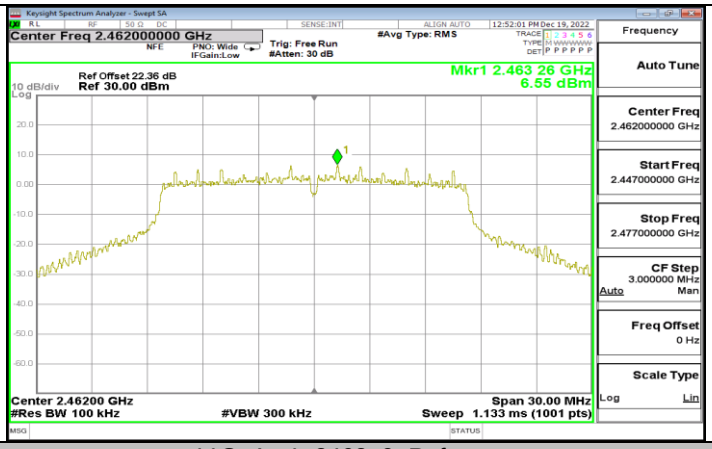
11G_Ant1_2437_0~Reference



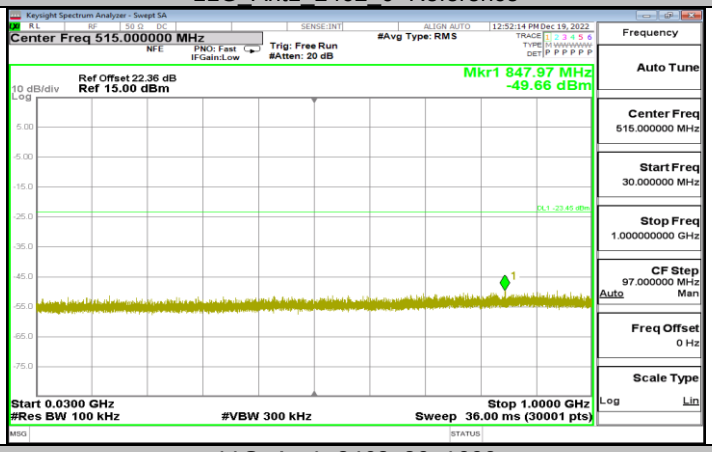
11G_Ant1_2437_30~1000



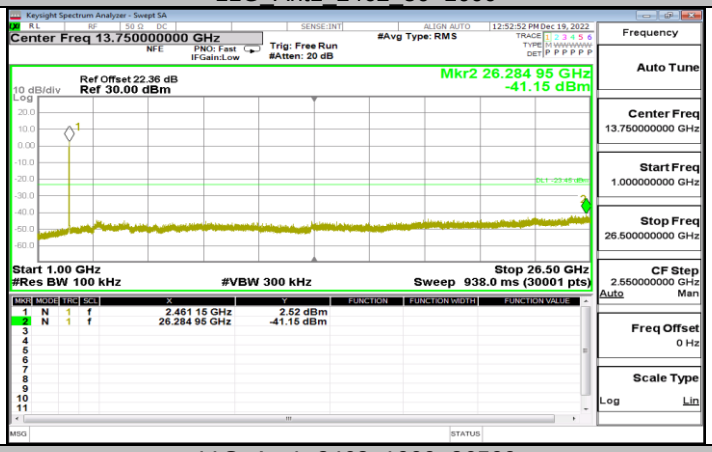
11G_Ant1_2437_1000~26500



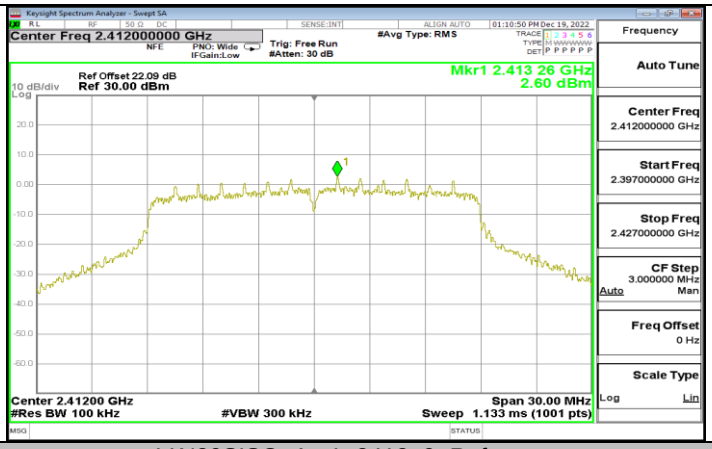
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500



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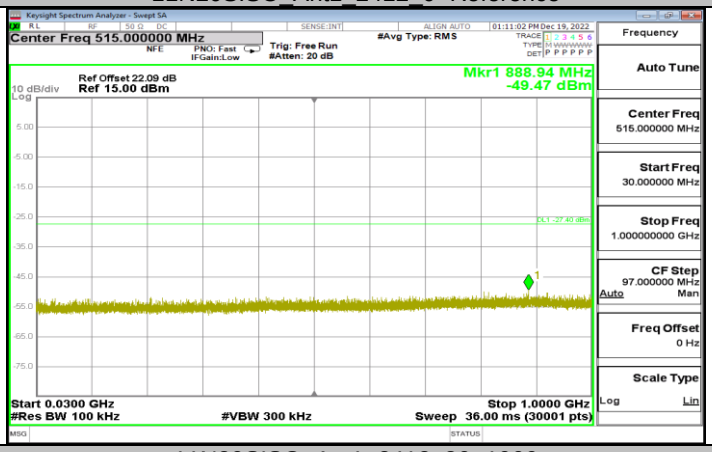

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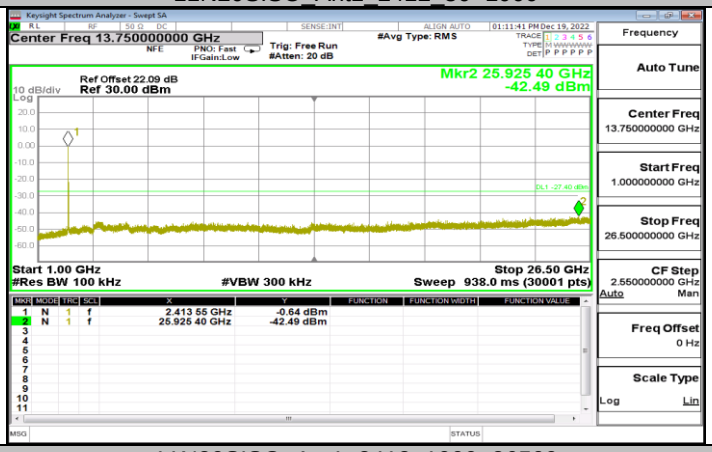
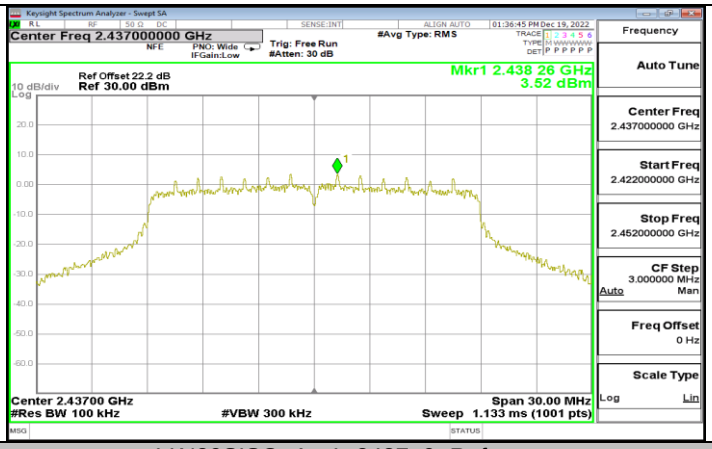
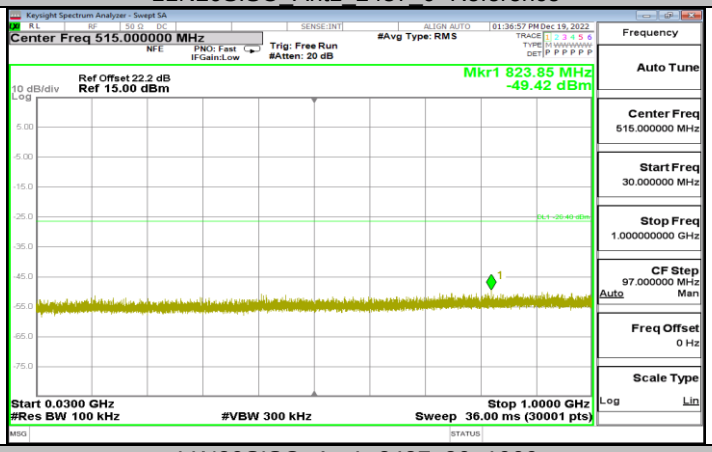


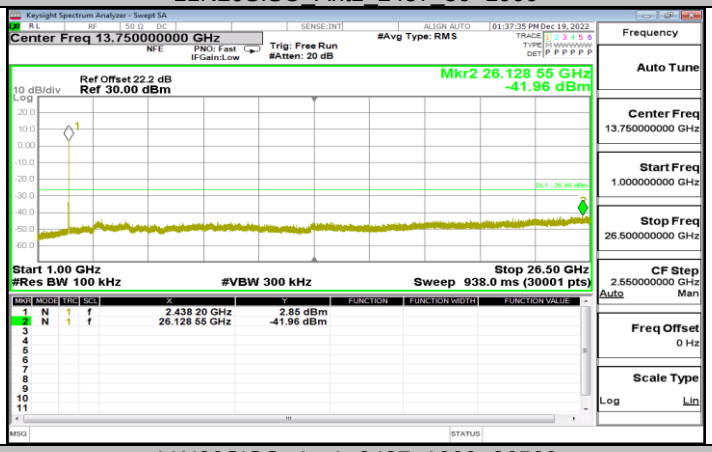
11N20SISO_Ant1_2412_1000~26500



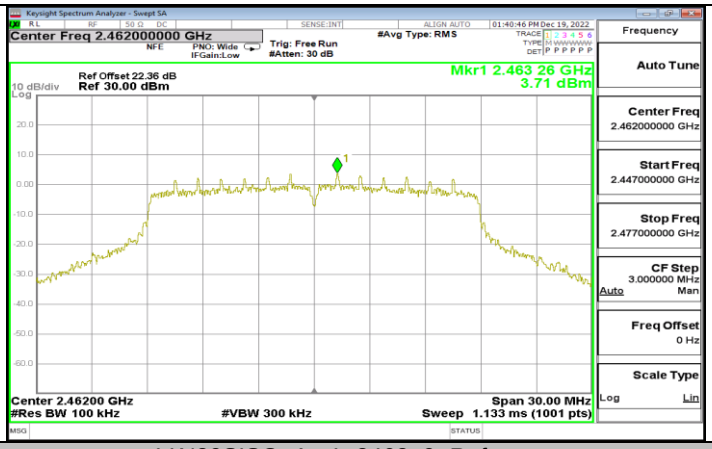
11N20SISO_Ant1_2437_0~Reference



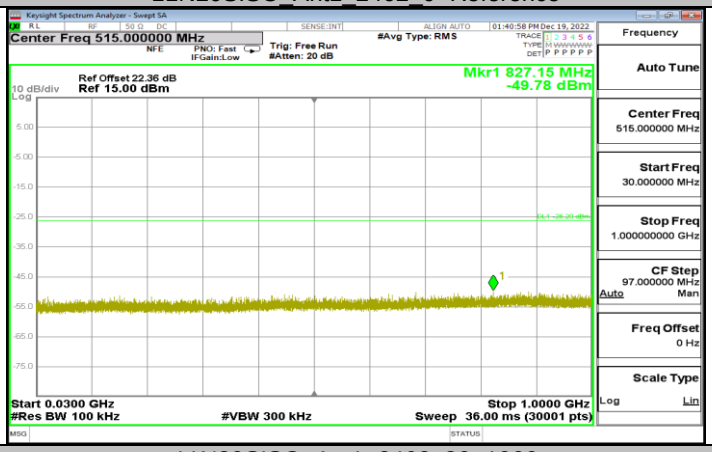
11N20SISO_Ant1_2437_30~1000



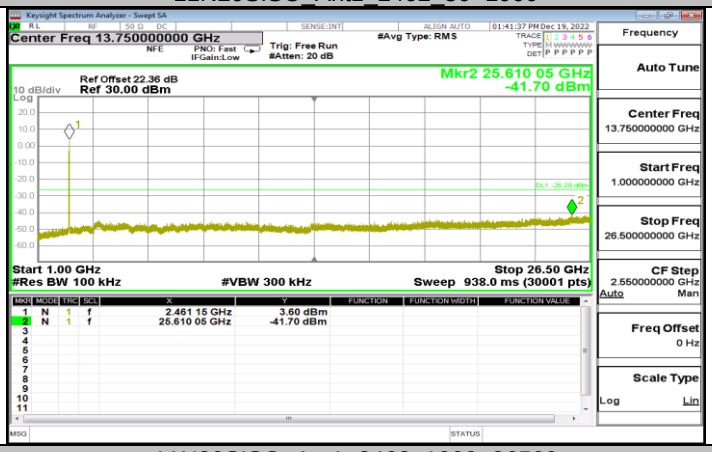
11N20SISO_Ant1_2437_1000~26500



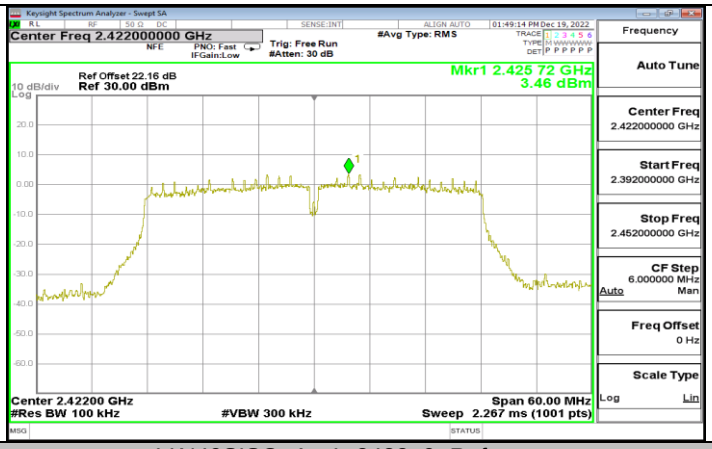
11N20SISO_Ant1_2462_0~Reference



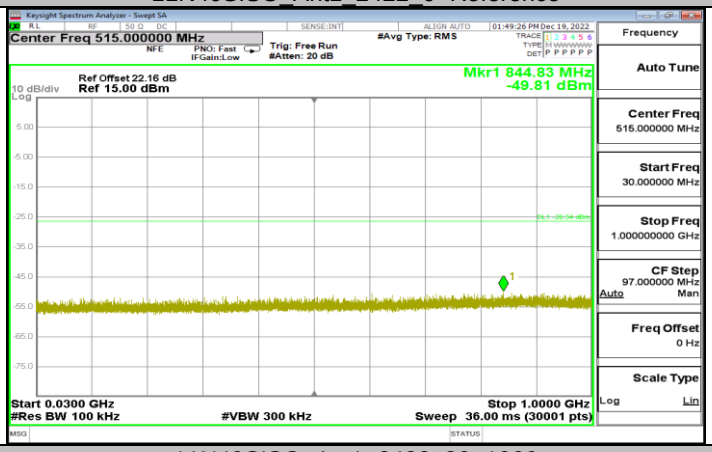
11N20SISO_Ant1_2462_30~1000



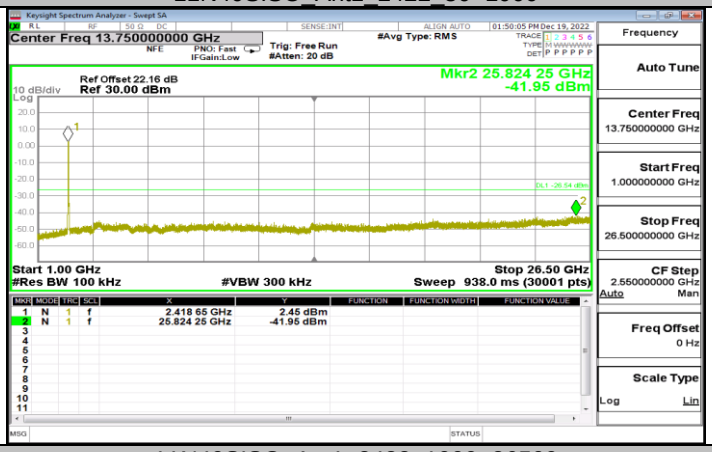
11N20SISO_Ant1_2462_1000~26500



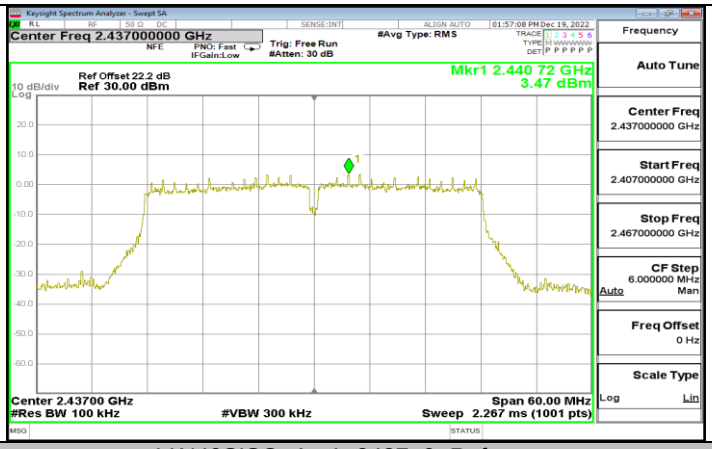
11N40SISO_Ant1_2422_0~Reference



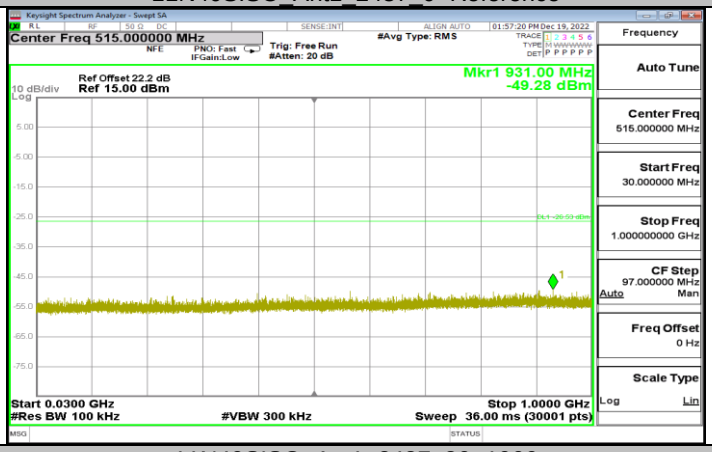
11N40SISO_Ant1_2422_30~1000



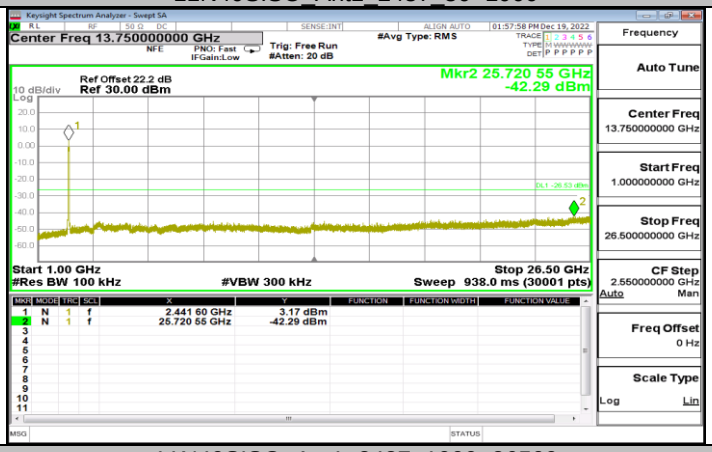
11N40SISO_Ant1_2422_1000~26500



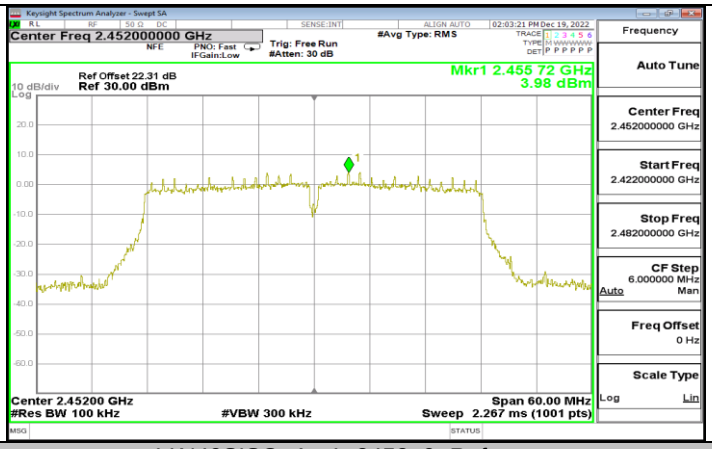
11N40SISO_Ant1_2437_0~Reference



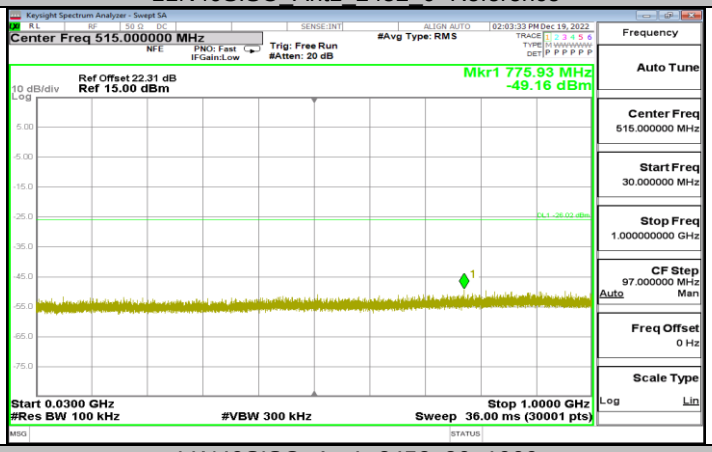
11N40SISO_Ant1_2437_30~1000



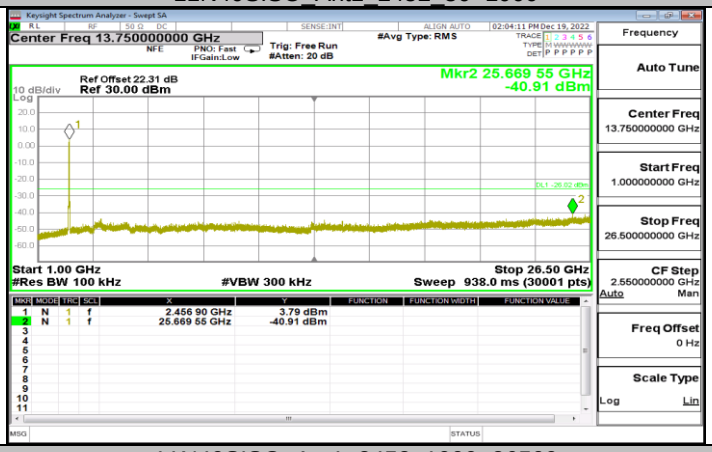
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

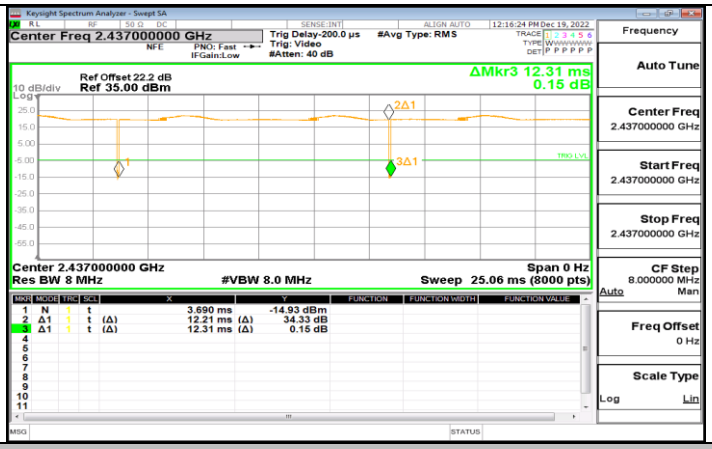
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

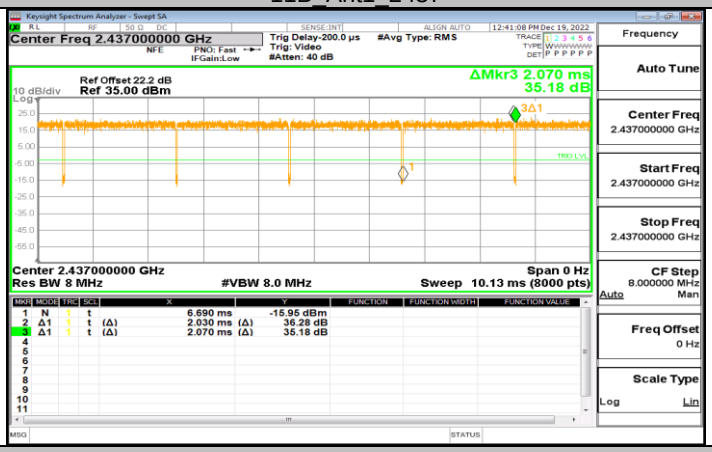
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	12.21	12.31	0.9919	99.19	0.04	NA	0.01
11G	2.03	2.07	0.9807	98.07	0.08	NA	0.01
11N20SISO	1.7	1.74	0.9770	97.70	0.10	0.59	1
11N40SISO	0.84	0.89	0.9438	94.38	0.25	1.19	2

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.
If the EUT is configured to transmit with D $\geqslant$ 98%, then set VBW $\leqslant$ RBW / 100 (i.e., 10 kHz), but not less than 10 Hz.

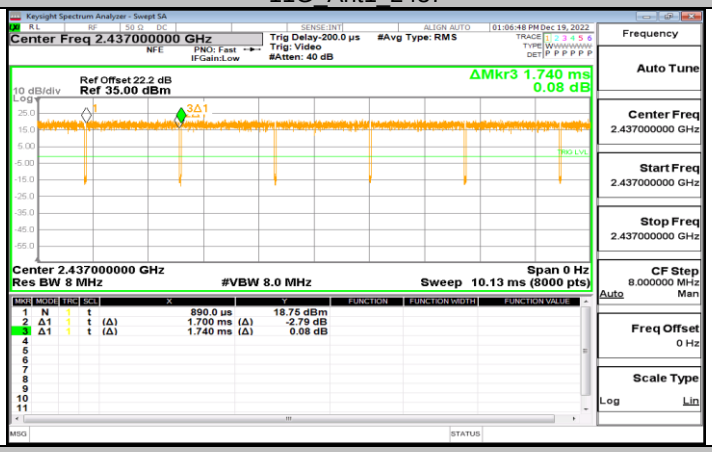
11.7.2. Test Graphs



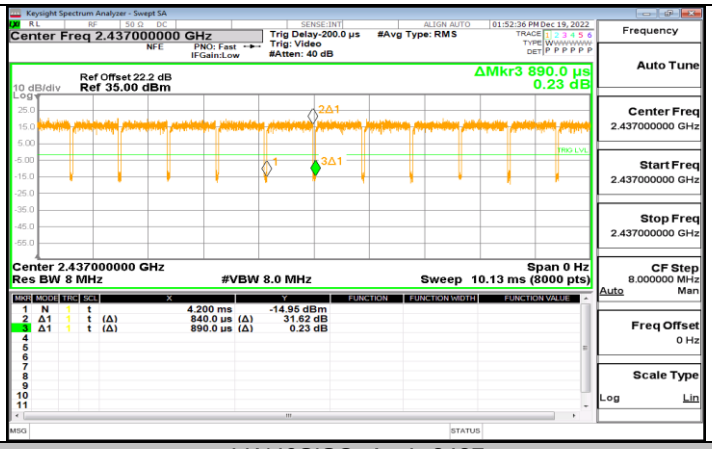
11B_Ant1_2437



11G_Ant1_2437



11N20SISO_Ant1_2437



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END OF REPORT