11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.17	≤30.00	PASS
		2437	16.90	≤30.00	PASS
		2462	17.20	≤30.00	PASS
11G	Ant1	2412	15.14	≤30.00	PASS
		2437	15.81	≤30.00	PASS
		2462	15.29	≤30.00	PASS
11N20SISO	Ant1	2412	15.57	≤30.00	PASS
		2437	15.19	≤30.00	PASS
		2462	14.78	≤30.00	PASS
11N40SISO	Ant1	2422	14.47	≤30.00	PASS
		2437	14.86	≤30.00	PASS
		2452	13.83	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

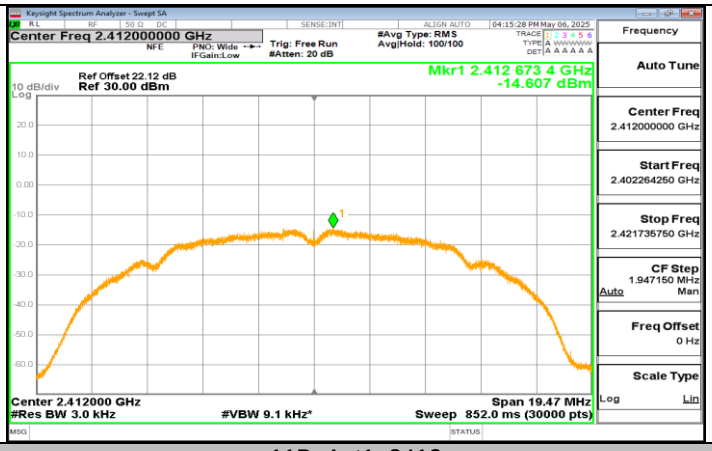
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

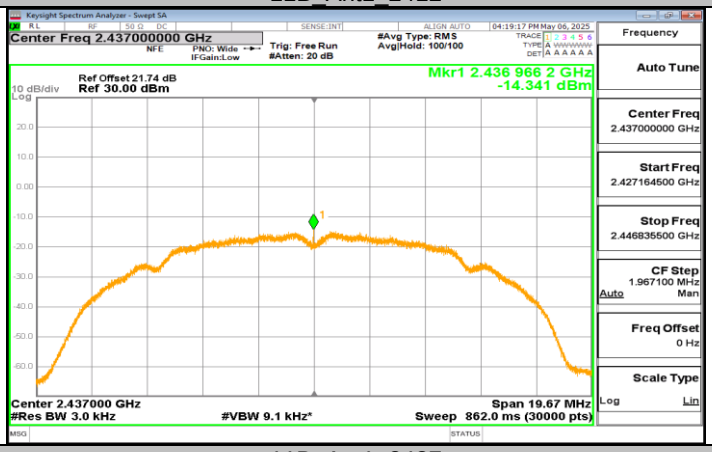
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.61	≤8.00	PASS
		2437	-14.34	≤8.00	PASS
		2462	-14.39	≤8.00	PASS
11G	Ant1	2412	-16.38	≤8.00	PASS
		2437	-16.60	≤8.00	PASS
		2462	-17.09	≤8.00	PASS
11N20SISO	Ant1	2412	-16.93	≤8.00	PASS
		2437	-17.37	≤8.00	PASS
		2462	-16.76	≤8.00	PASS
11N40SISO	Ant1	2422	-13.93	≤8.00	PASS
		2437	-18.38	≤8.00	PASS
		2452	-13.51	≤8.00	PASS

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

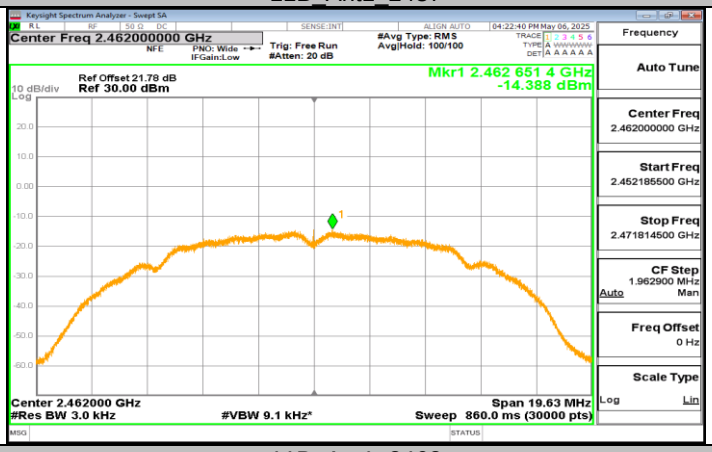
11.4.2. Test Graphs



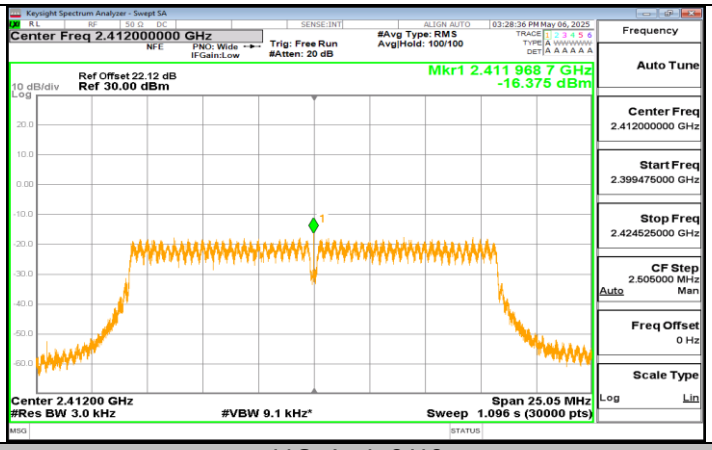
11B_Ant1_2412



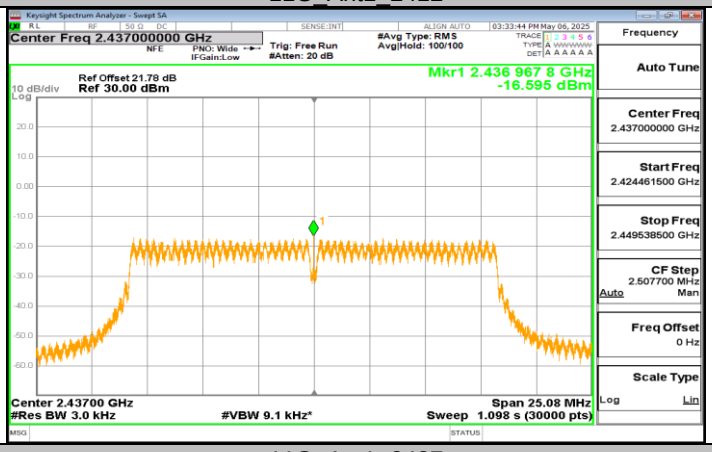
11B_Ant1_2437



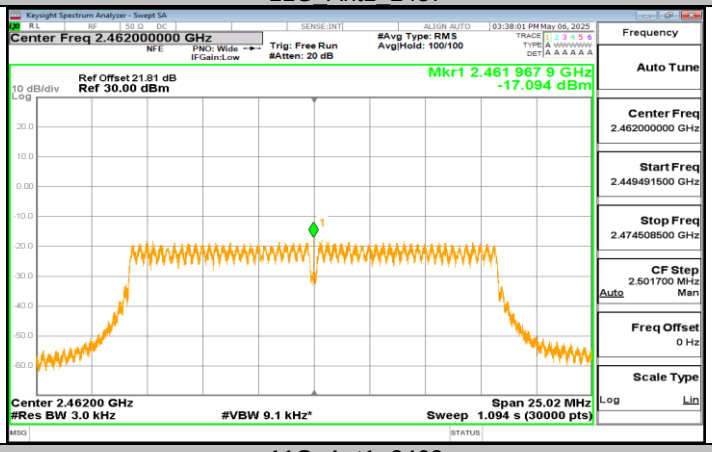
11B_Ant1_2462



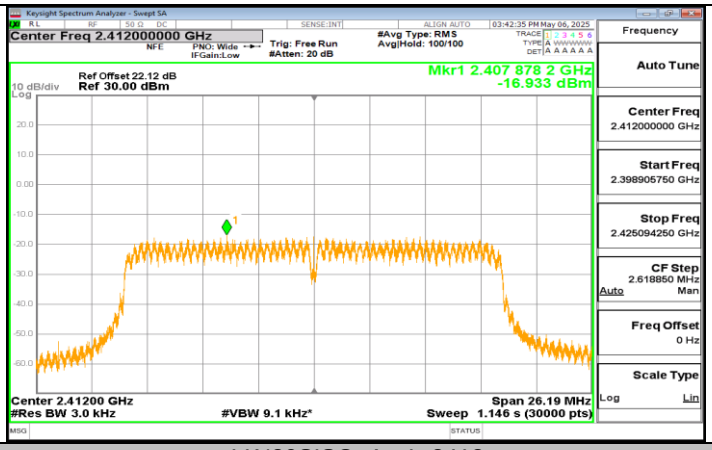
11G_Ant1_2412



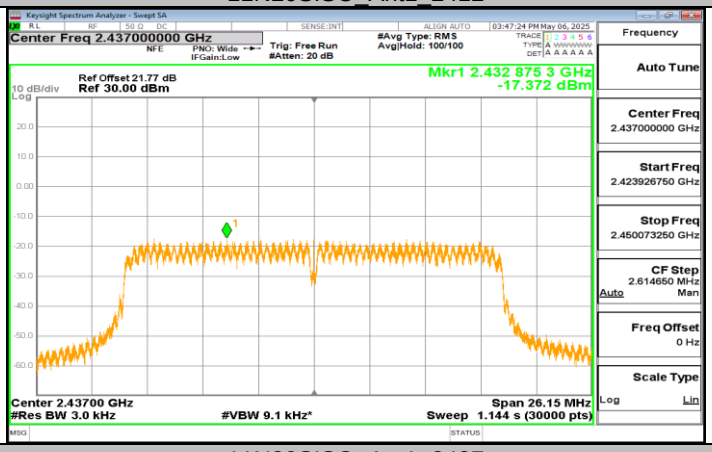
11G_Ant1_2437



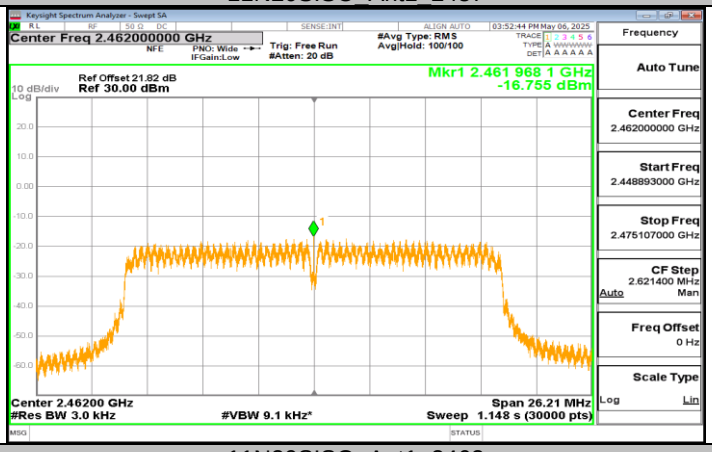
11G_Ant1_2462



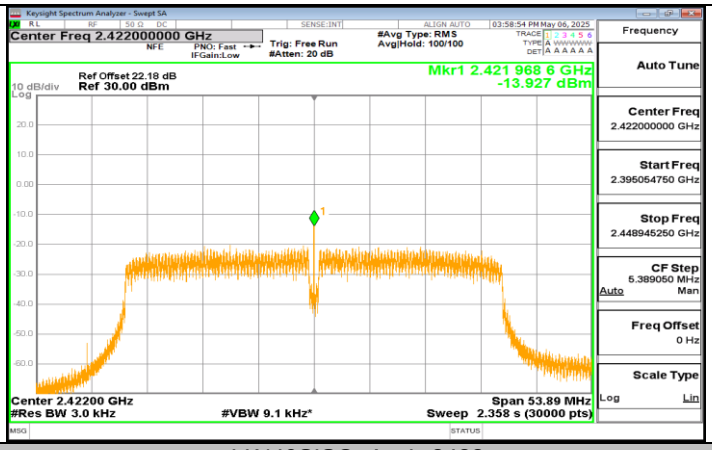
11N20SISO_Ant1_2412



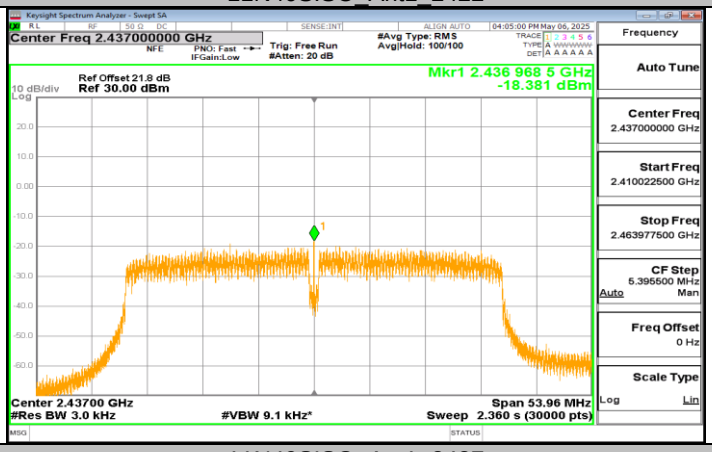
11N20SISO_Ant1_2437



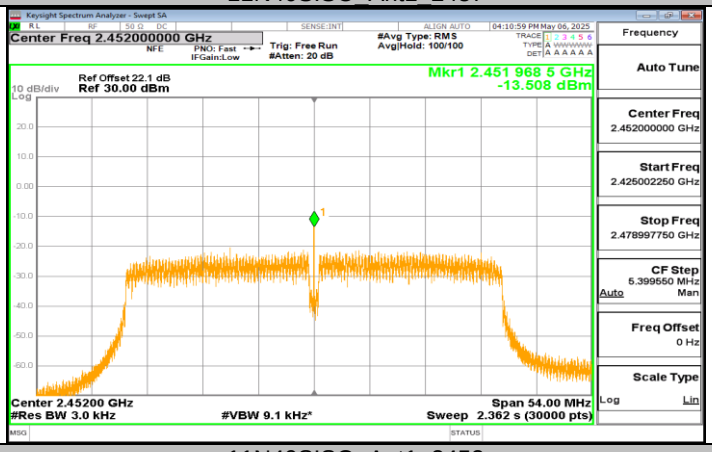
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



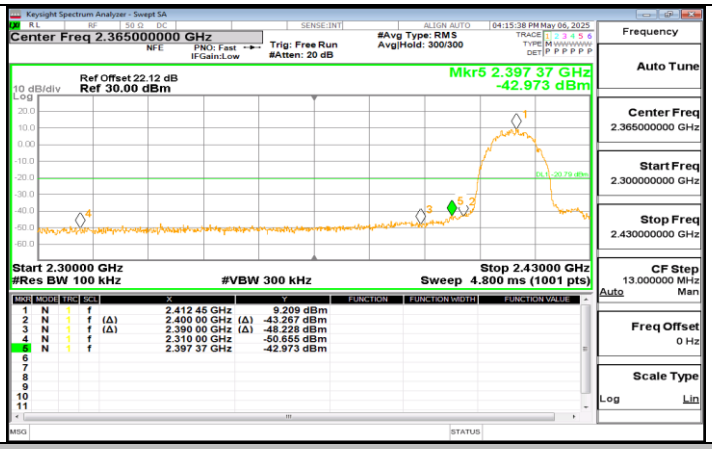
11N40SISO_Ant1_2452

11.5. APPENDIX E: BAND EDGE MEASUREMENTS

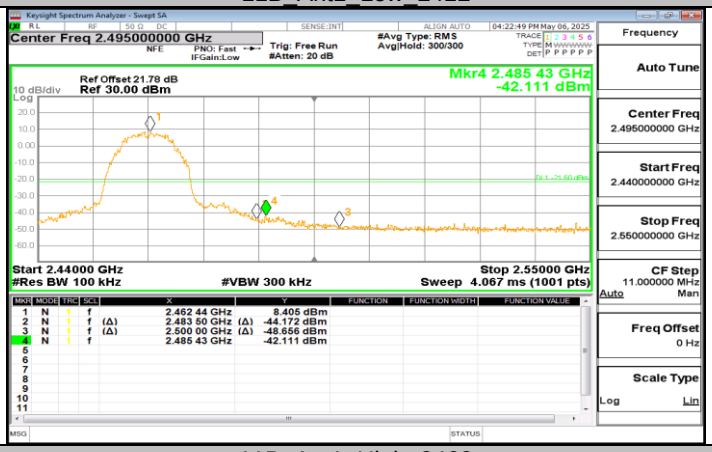
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.21	-42.97	≤-20.79	PASS
		High	2462	8.41	-42.11	≤-21.6	PASS
11G	Ant1	Low	2412	3.48	-32.45	≤-26.52	PASS
		High	2462	3.42	-38.9	≤-26.58	PASS
11N20SISO	Ant1	Low	2412	2.21	-31.81	≤-27.79	PASS
		High	2462	2.74	-39.93	≤-27.26	PASS
11N40SISO	Ant1	Low	2422	0.26	-38.59	≤-29.74	PASS
		High	2452	-0.22	-35.44	≤-30.22	PASS

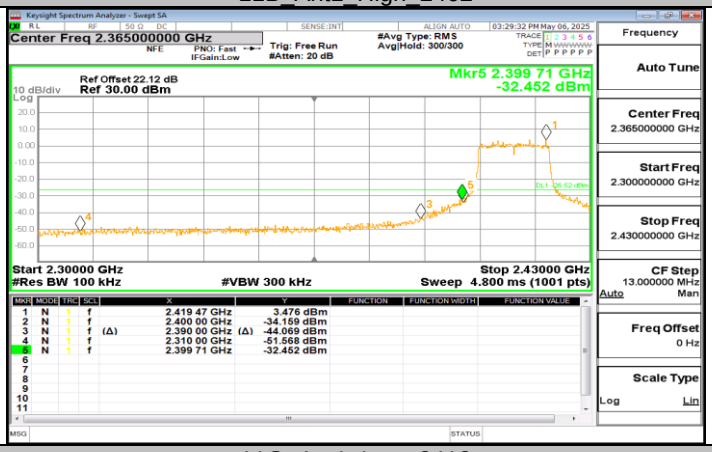
11.5.2. Test Graphs



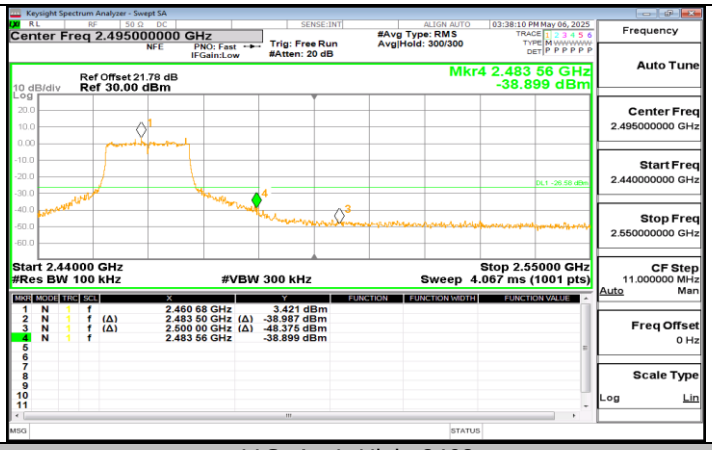
11B_Ant1_Low_2412



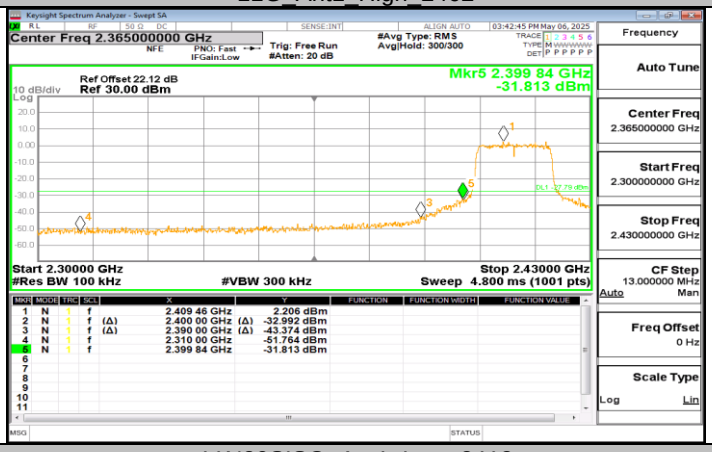
11B_Ant1_High_2462



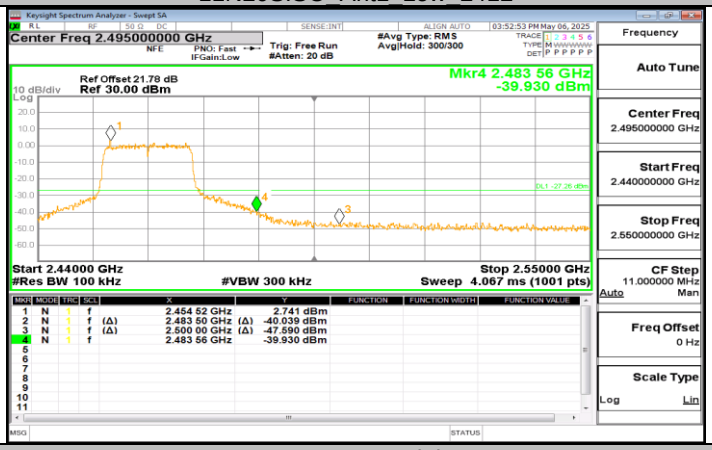
11G_Ant1_Low_2412



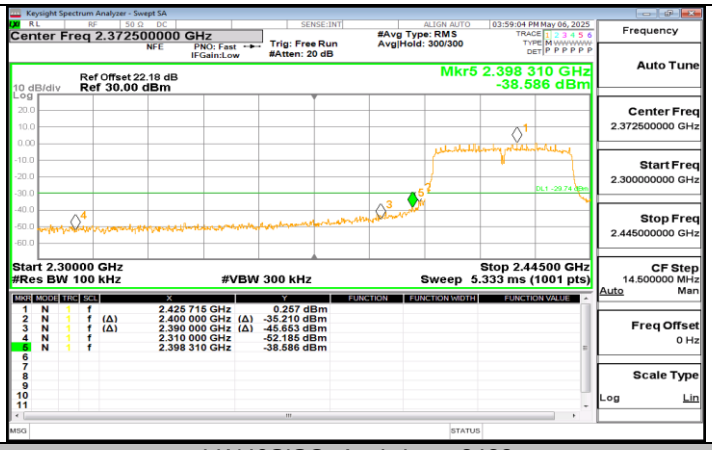
11G_Ant1_High_2462



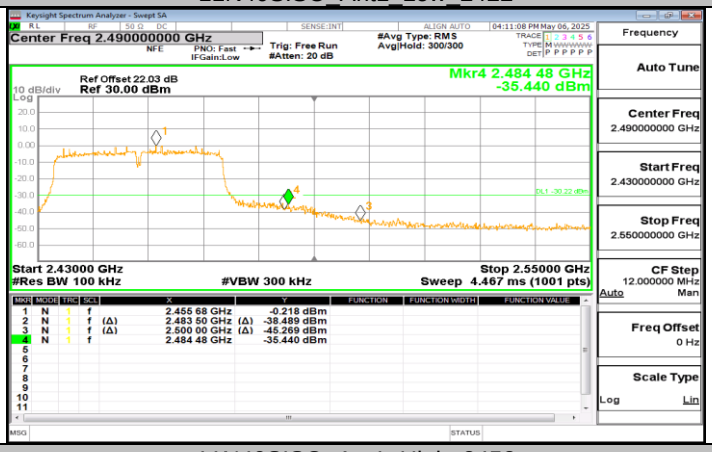
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



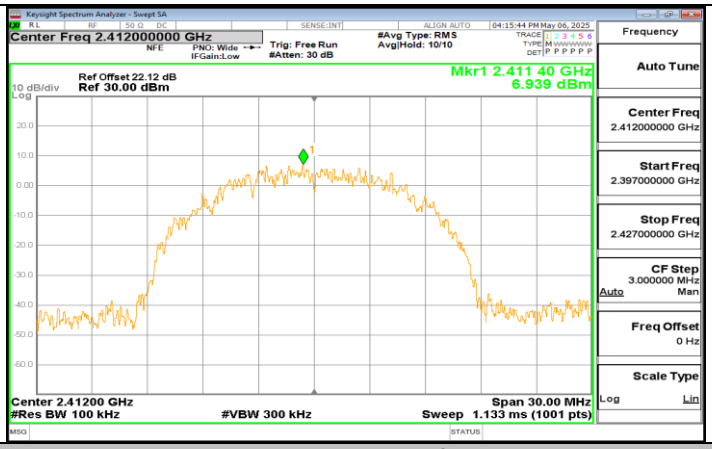
11N40SISO_Ant1_High_2452

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

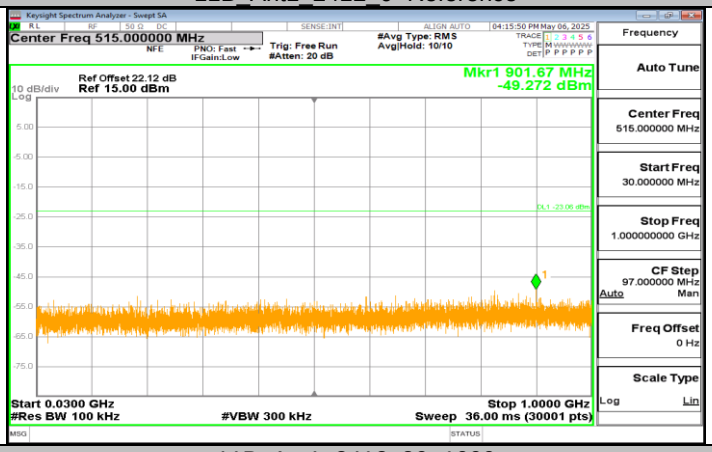
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.94	---	PASS
			30~1000	-49.27	≤-23.06	PASS
			1000~26500	-35.96	≤-23.06	PASS
		2437	Reference	5.86	---	PASS
			30~1000	-51.33	≤-24.14	PASS
			1000~26500	-35.39	≤-24.14	PASS
		2462	Reference	7.21	---	PASS
			30~1000	-51.21	≤-22.79	PASS
			1000~26500	-35.9	≤-22.79	PASS
11G	Ant1	2412	Reference	0.78	---	PASS
			30~1000	-50.9	≤-29.22	PASS
			1000~26500	-35.15	≤-29.22	PASS
		2437	Reference	0.99	---	PASS
			30~1000	-51.68	≤-29.01	PASS
			1000~26500	-34.25	≤-29.01	PASS
		2462	Reference	2.94	---	PASS
			30~1000	-51.25	≤-27.06	PASS
			1000~26500	-35.02	≤-27.06	PASS
11N20SISO	Ant1	2412	Reference	-0.29	---	PASS
			30~1000	-49.98	≤-30.29	PASS
			1000~26500	-34	≤-30.29	PASS
		2437	Reference	0.50	---	PASS
			30~1000	-50.3	≤-29.5	PASS
			1000~26500	-35	≤-29.5	PASS
		2462	Reference	-0.32	---	PASS
			30~1000	-50.69	≤-30.32	PASS
			1000~26500	-35.26	≤-30.32	PASS
11N40SISO	Ant1	2422	Reference	0.42	---	PASS
			30~1000	-51.08	≤-29.58	PASS
			1000~26500	-35.08	≤-29.58	PASS
		2437	Reference	-0.78	---	PASS
			30~1000	-50.7	≤-30.78	PASS
			1000~26500	-35.37	≤-30.78	PASS
		2452	Reference	-3.67	---	PASS
			30~1000	-50.4	≤-33.67	PASS
			1000~26500	-35.53	≤-33.67	PASS

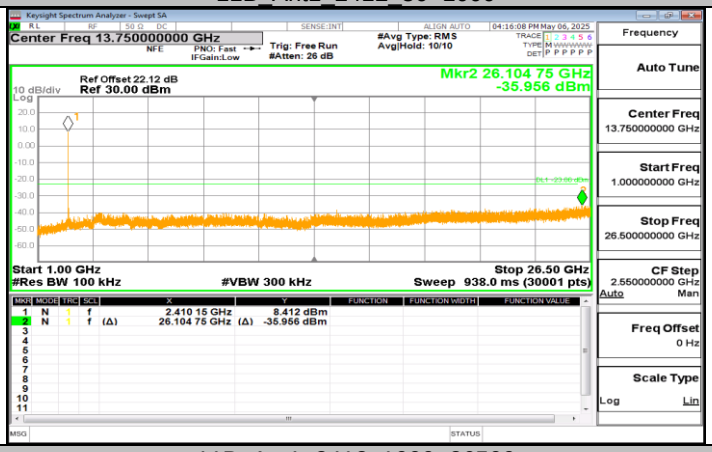
11.6.2. Test Graphs



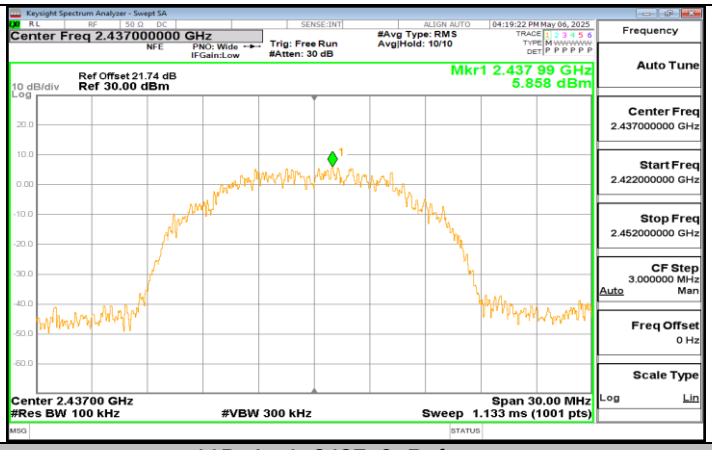
11B_Ant1_2412_0~Reference



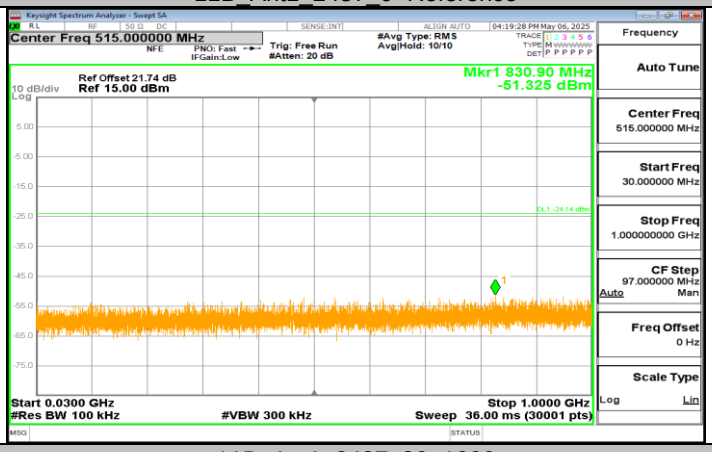
11B_Ant1_2412_30~1000



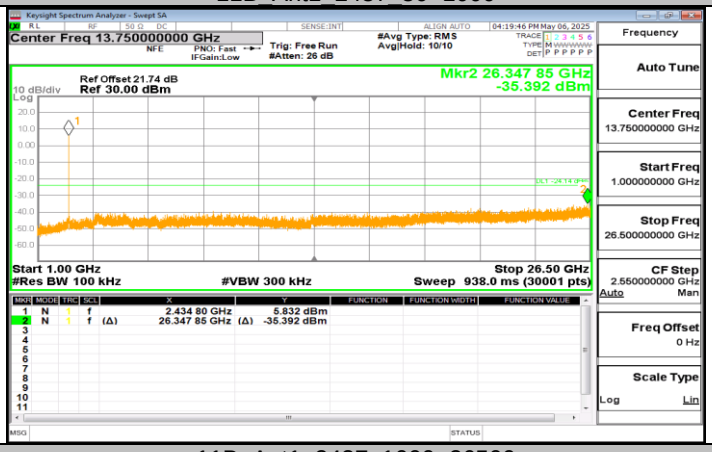
11B_Ant1_2412_1000~26500



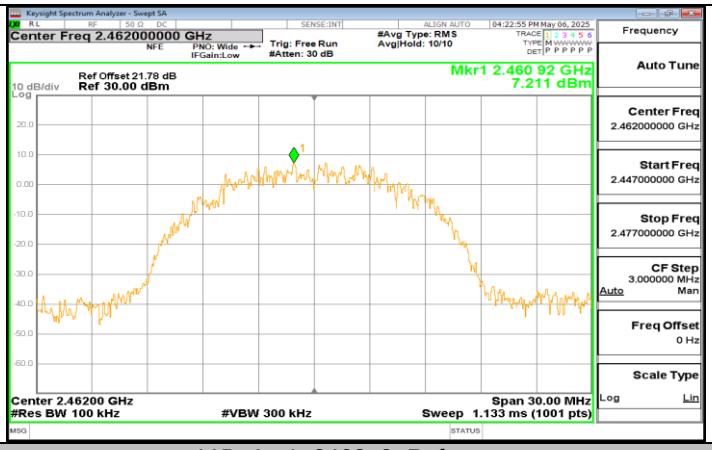
11B_Ant1_2437_0~Reference



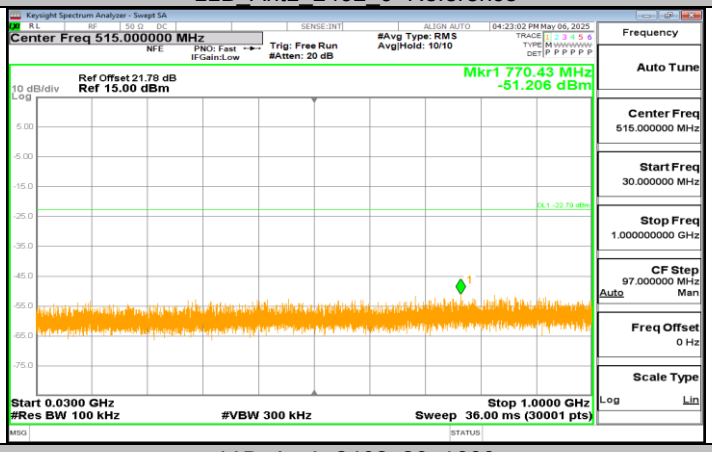
11B_Ant1_2437_30~1000



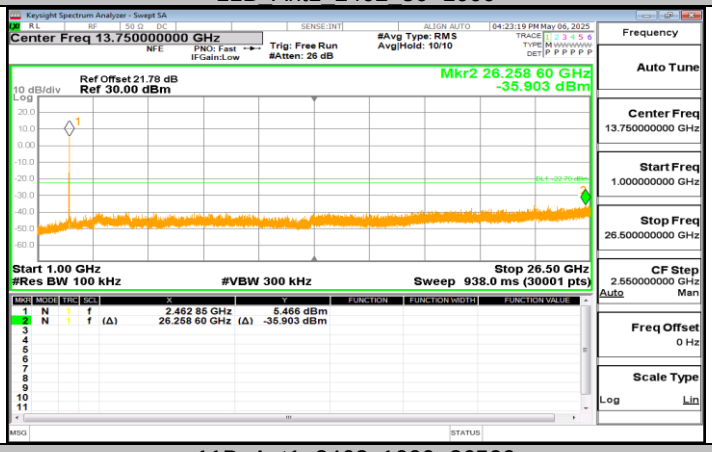
11B_Ant1_2437_1000~26500



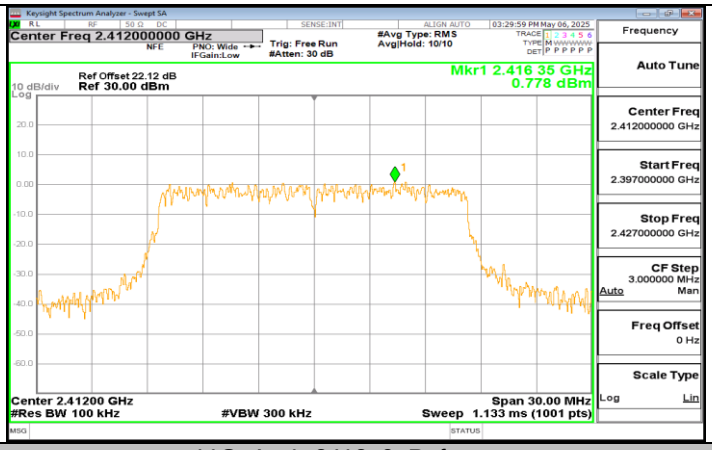
11B_Ant1_2462_0~Reference



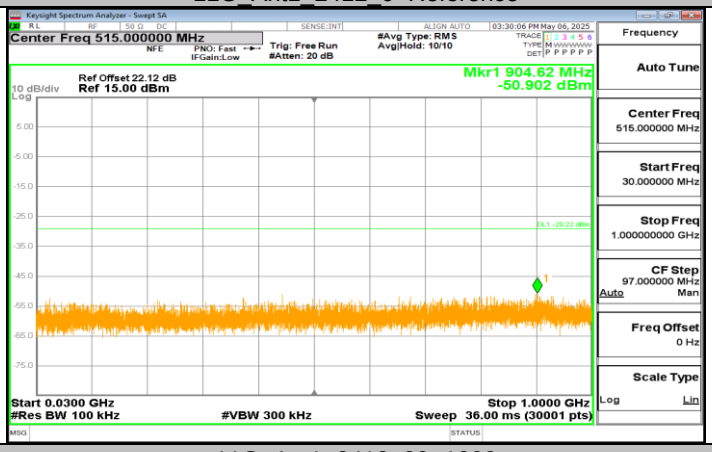
11B_Ant1_2462_30~1000



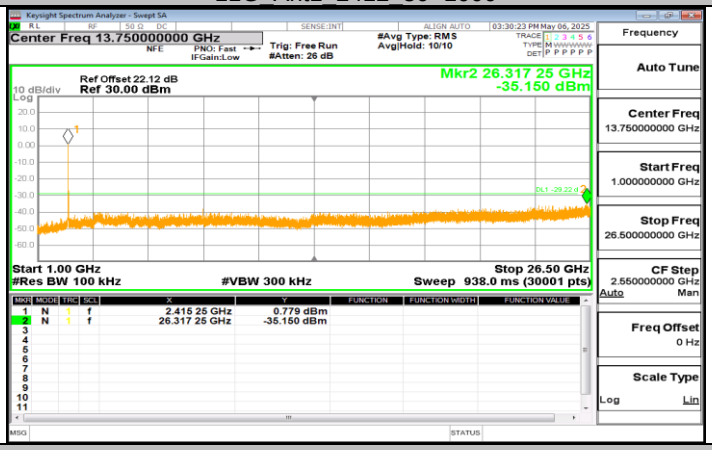
11B_Ant1_2462_1000~26500



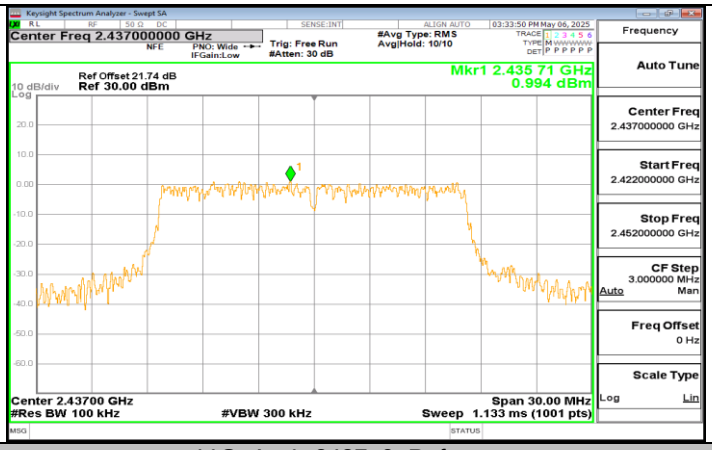
11G_Ant1_2412_0~Reference



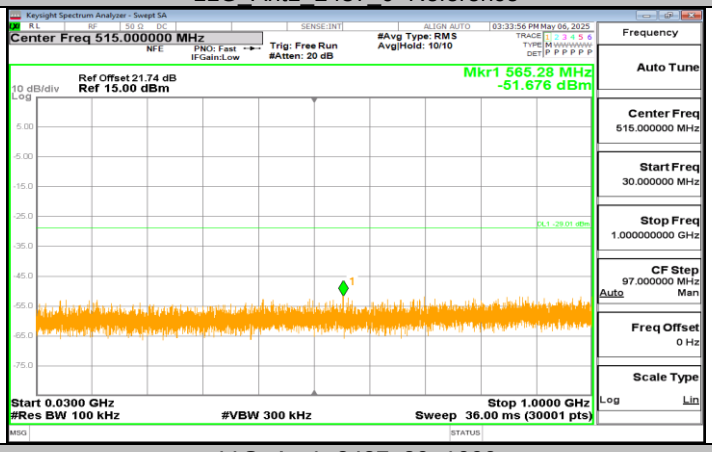
11G_Ant1_2412_30~1000



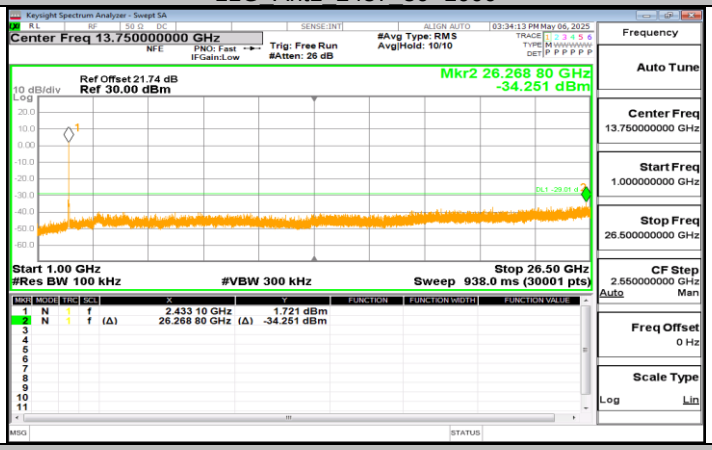
11G_Ant1_2412_1000~26500



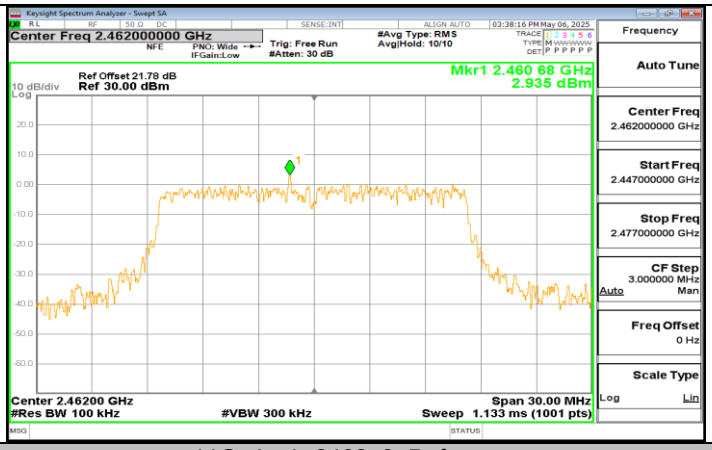
11G_Ant1_2437_0~Reference



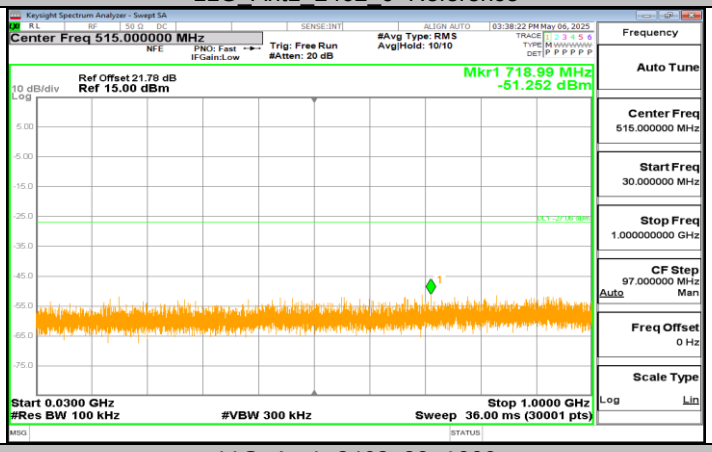
11G_Ant1_2437_30~1000



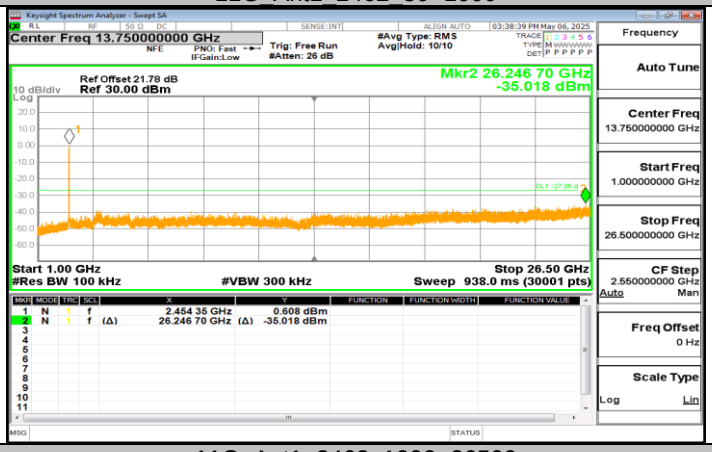
11G_Ant1_2437_1000~26500



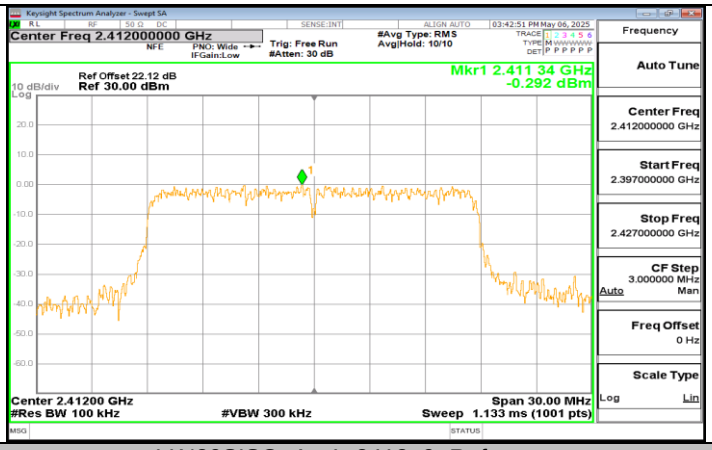
11G_Ant1_2462_0~Reference



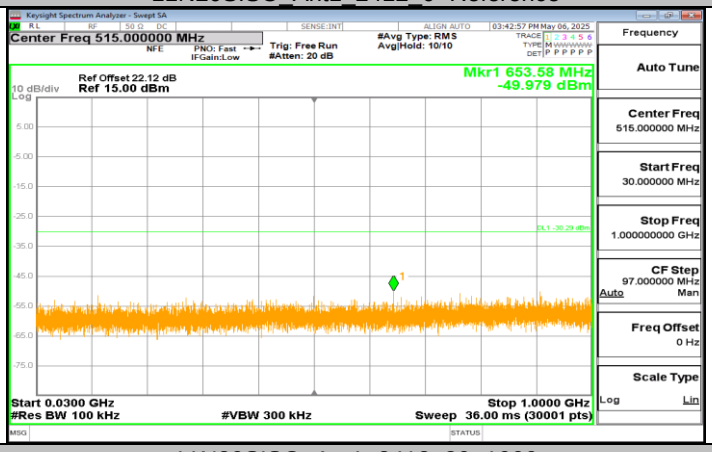
11G_Ant1_2462_30~1000



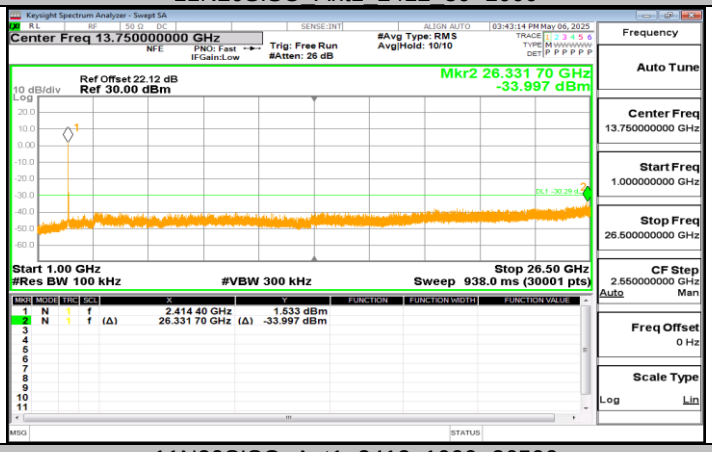
11G_Ant1_2462_1000~26500



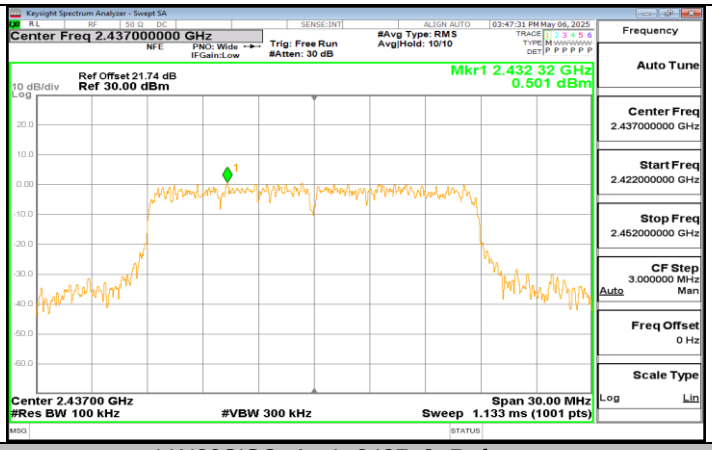
11N20SISO_Ant1_2412_0~Reference



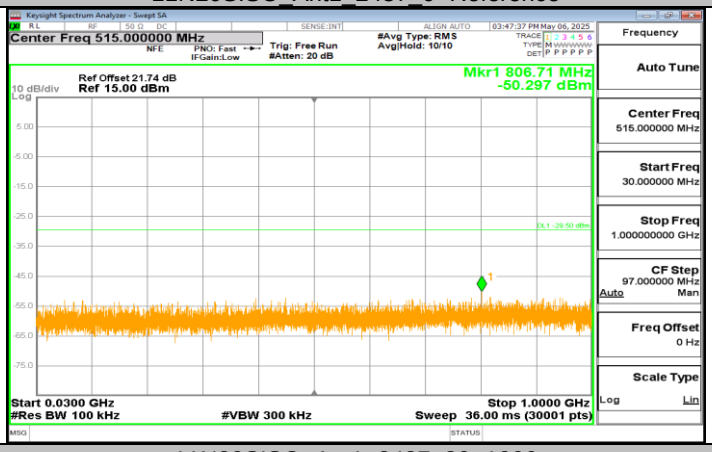
11N20SISO_Ant1_2412_30~1000



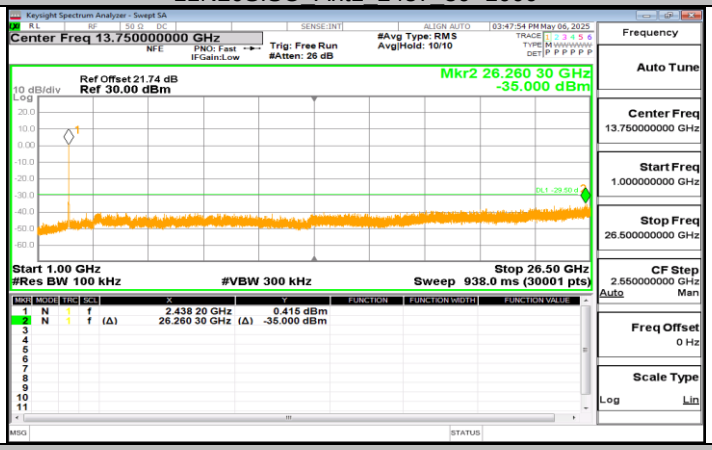
11N20SISO_Ant1_2412_1000~26500



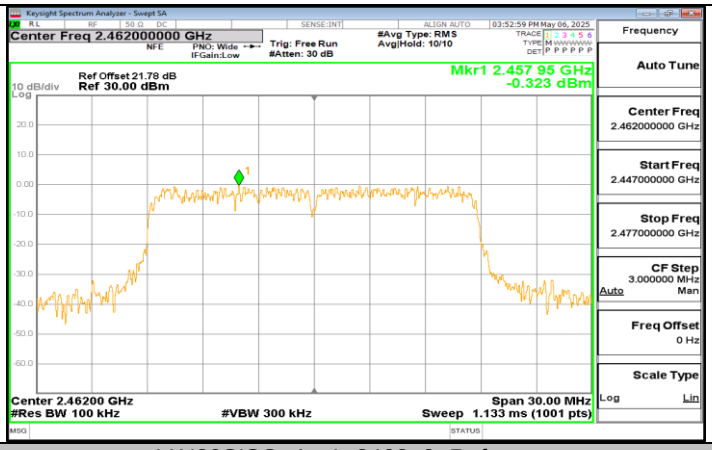
11N20SISO_Ant1_2437_0~Reference



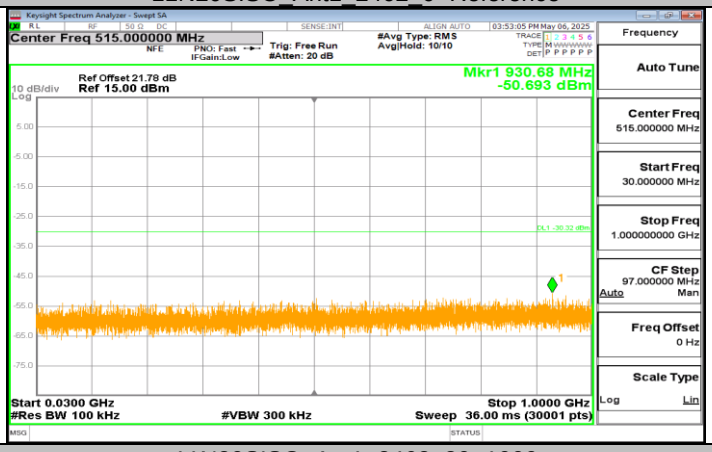
11N20SISO_Ant1_2437_30~1000



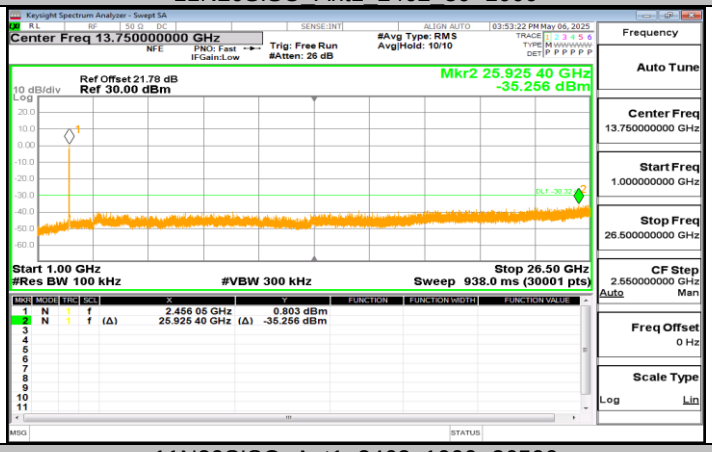
11N20SISO_Ant1_2437_1000~26500



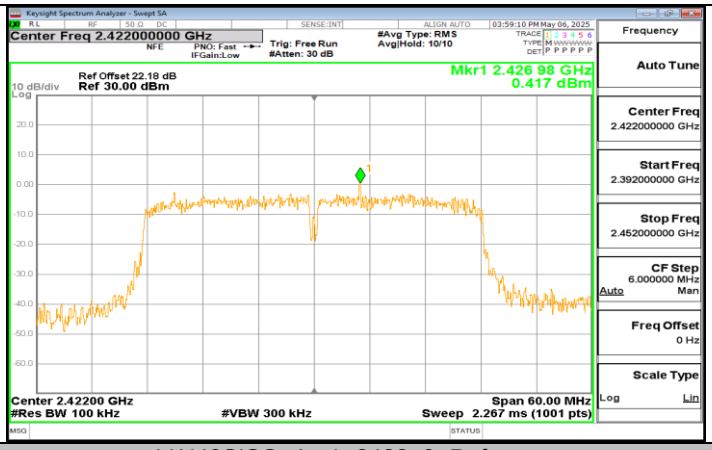
11N20SISO_Ant1_2462_0~Reference



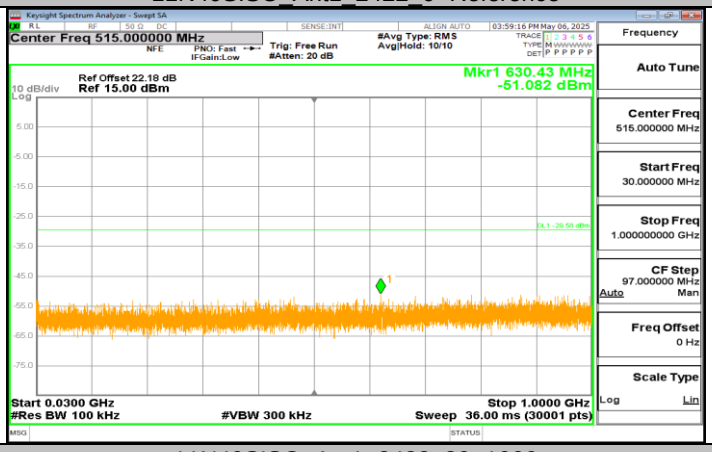
11N20SISO_Ant1_2462_30~1000



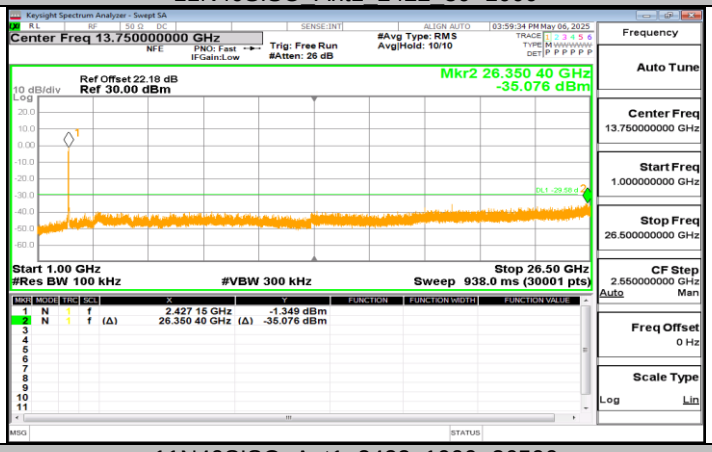
11N20SISO_Ant1_2462_1000~26500



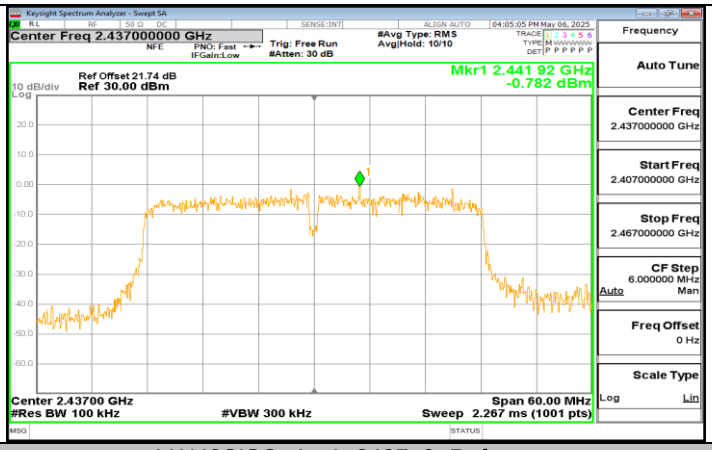
11N40SISO_Ant1_2422_0~Reference



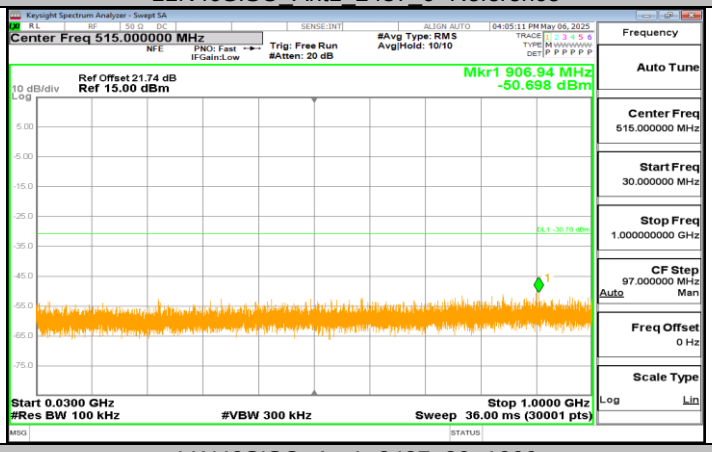
11N40SISO_Ant1_2422_30~1000



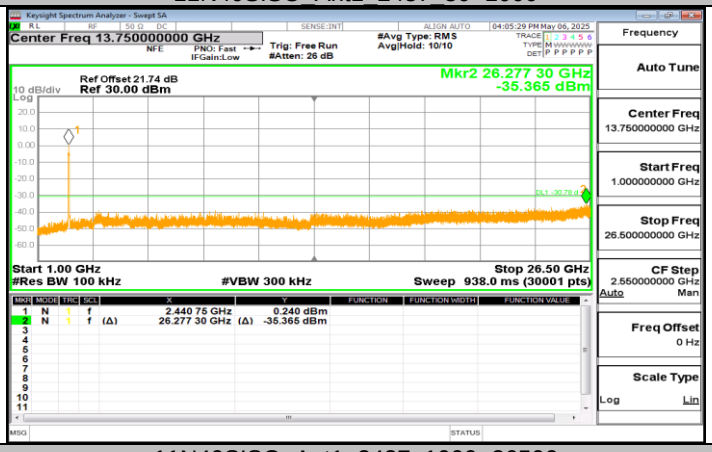
11N40SISO_Ant1_2422_1000~26500



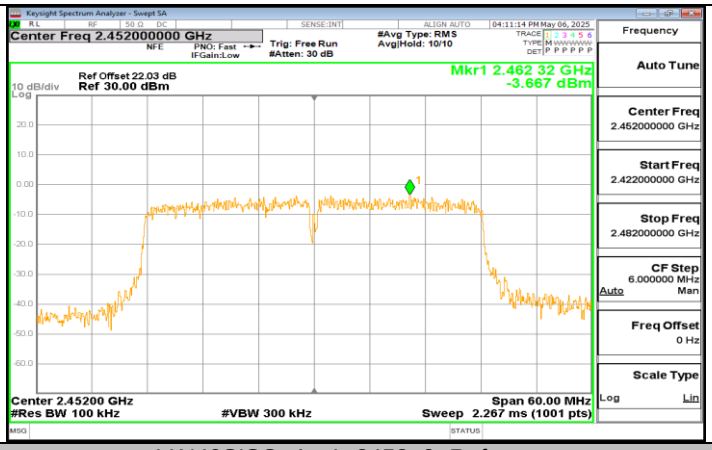
11N40SISO_Ant1_2437_0~Reference



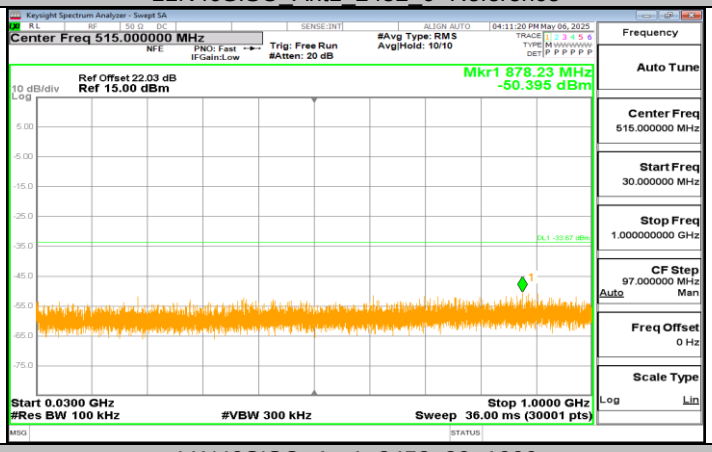
11N40SISO_Ant1_2437_30~1000



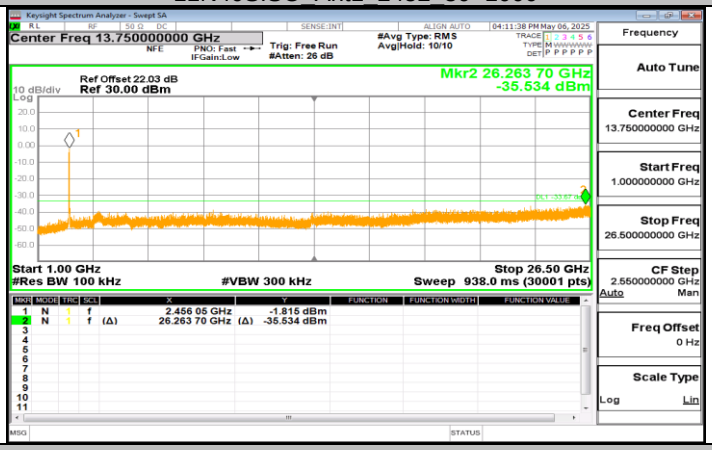
11N40SISO_Ant1_2437_1000~26500



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	500.20	500.20	1.0000	100.00	0.00	N/A	0.01
11G	500.20	500.20	1.0000	100.00	0.00	N/A	0.01
11N20SISO	500.20	500.20	1.0000	100.00	0.00	N/A	0.01
11N40SISO	500.20	500.20	1.0000	100.00	0.00	N/A	0.01

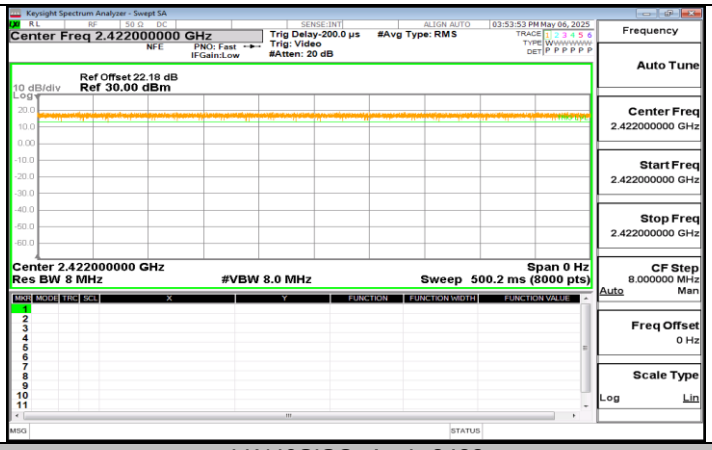
Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.
As Duty Cycle are higher than 98%, the final setting for VBW should be 10Hz.

11.7.2. Test Graphs

11B_Ant1_2412

11G_Ant1_2412

11N20SISO_Ant1_2412



11N40SISO_Ant1_2422

END OF REPORT