Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	15.94	≤30.00	PASS
		2437	15.69	≤30.00	PASS
		2462	15.64	≤30.00	PASS
11G	Ant1	2412	16.27	≤30.00	PASS
		2437	15.86	≤30.00	PASS
		2462	15.65	≤30.00	PASS
11N20SISO	Ant1	2412	15.26	≤30.00	PASS
		2437	15.94	≤30.00	PASS
		2462	15.90	≤30.00	PASS

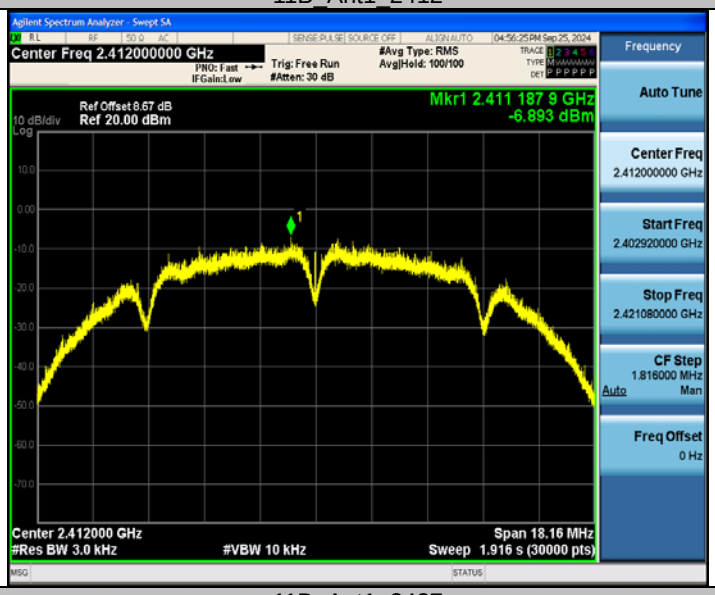
Appendix C: Maximum power spectral density

Test Result

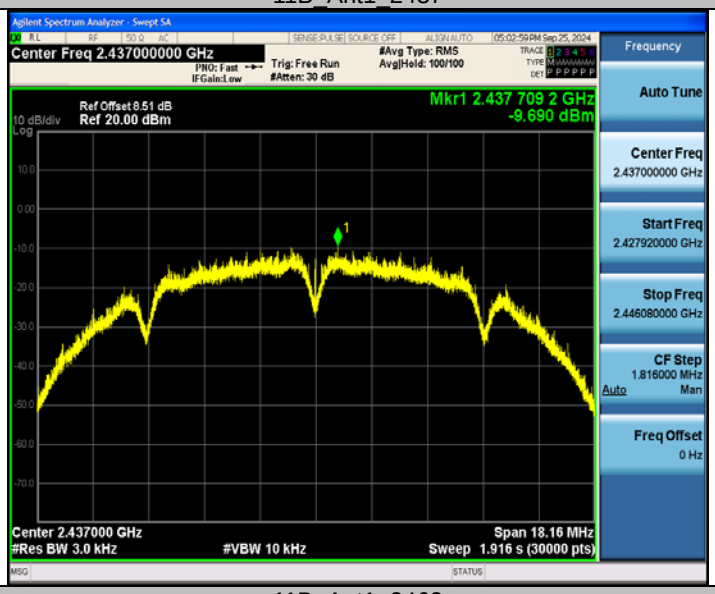
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-6.89	≤8.00	PASS
		2437	-9.69	≤8.00	PASS
		2462	-10.39	≤8.00	PASS
11G	Ant1	2412	-15.11	≤8.00	PASS
		2437	-18.05	≤8.00	PASS
		2462	-18.63	≤8.00	PASS
11N20SISO	Ant1	2412	-14.81	≤8.00	PASS
		2437	-17.65	≤8.00	PASS
		2462	-17.73	≤8.00	PASS

Test Graphs

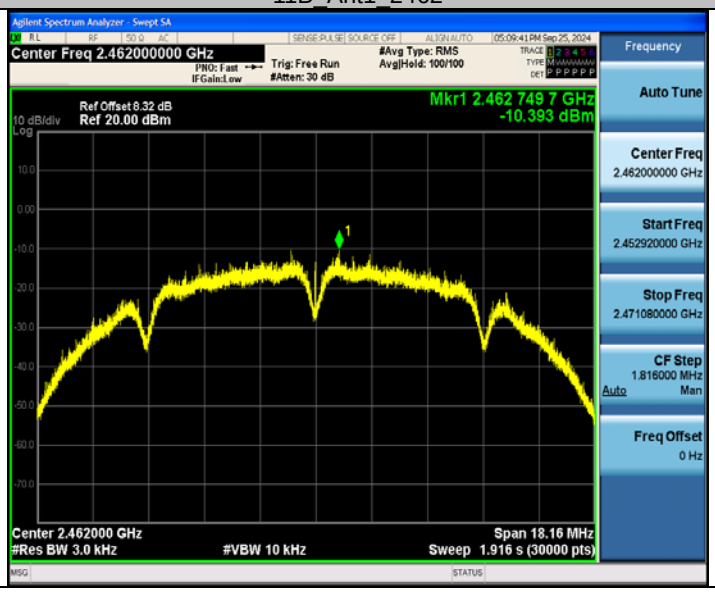
11B_Ant1_2412



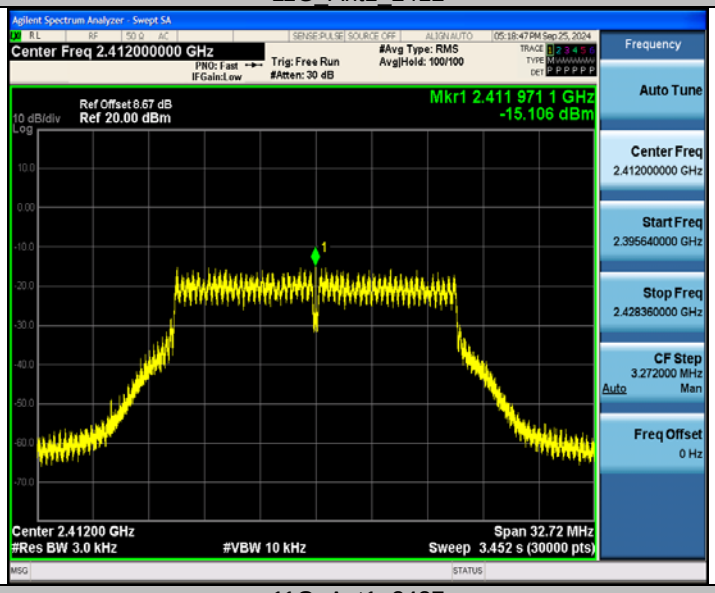
11B_Ant1_2437



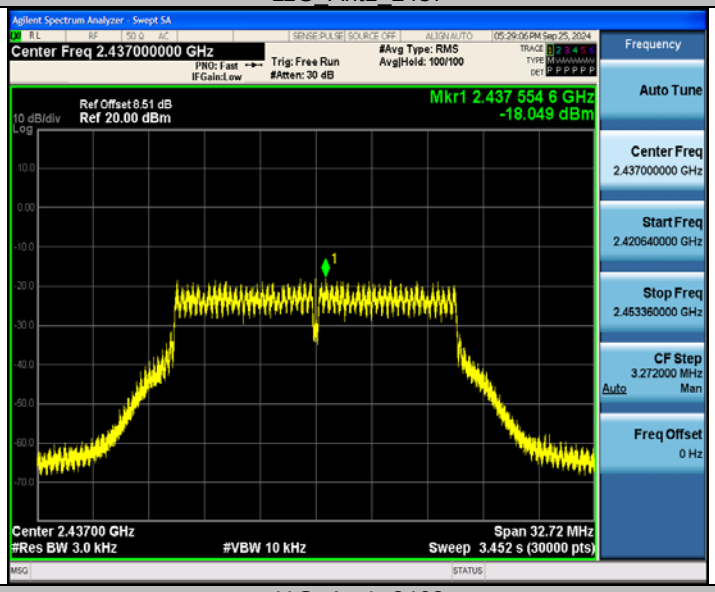
11B_Ant1_2462



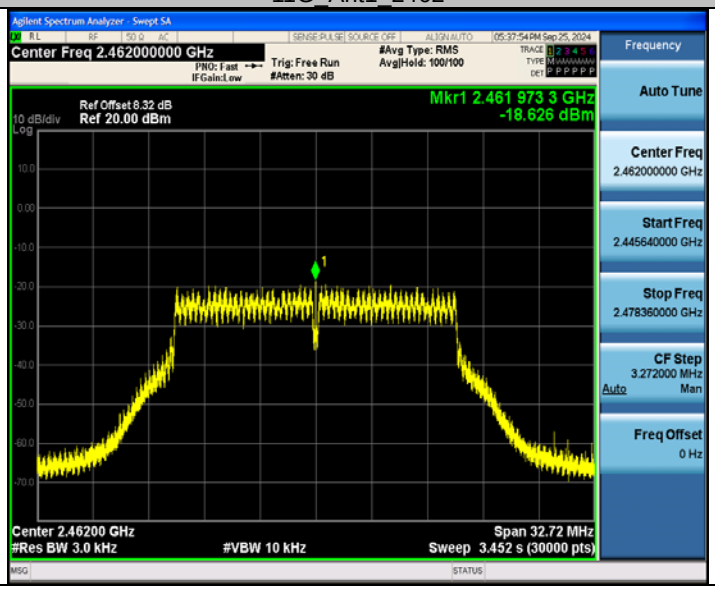
11G_Ant1_2412



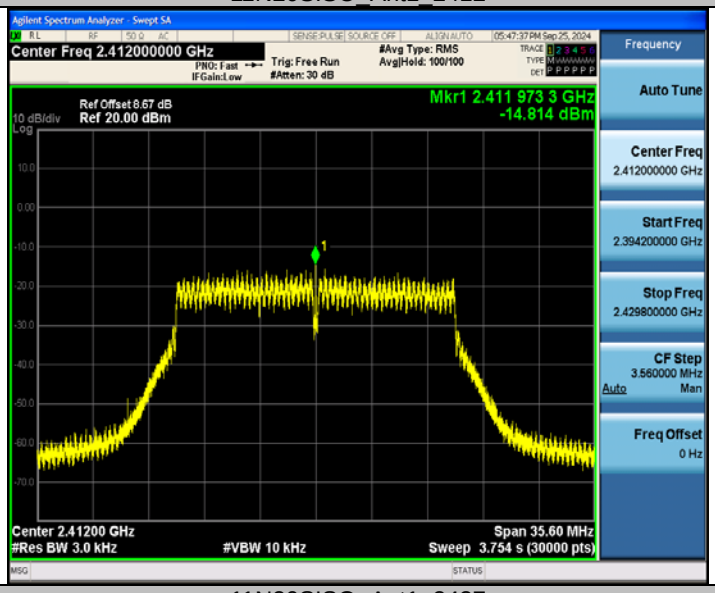
11G_Ant1_2437



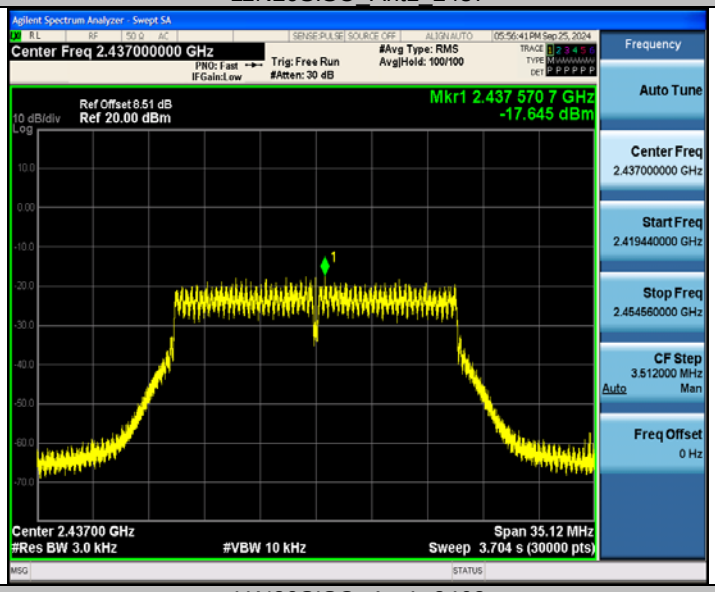
11G_Ant1_2462



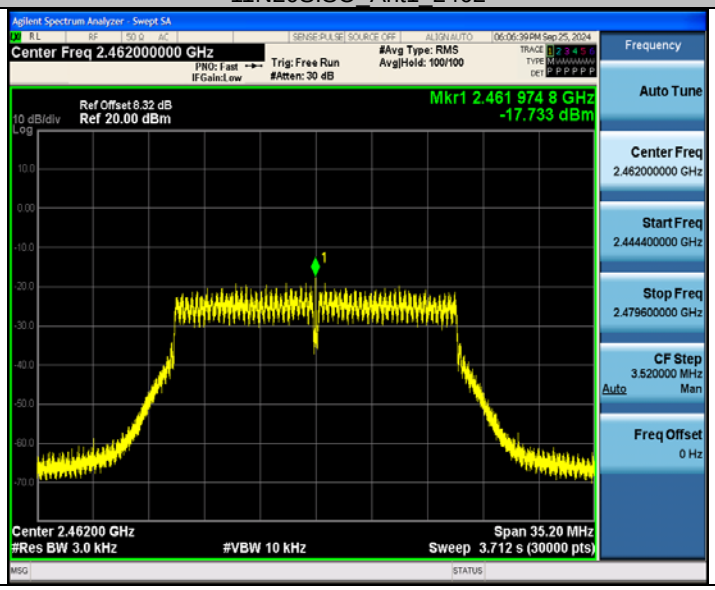
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

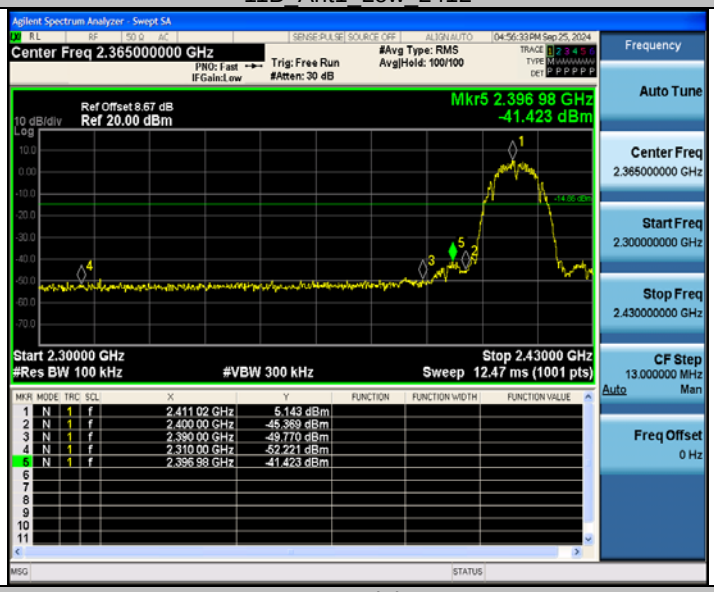


11N20SISO_Ant1_2462

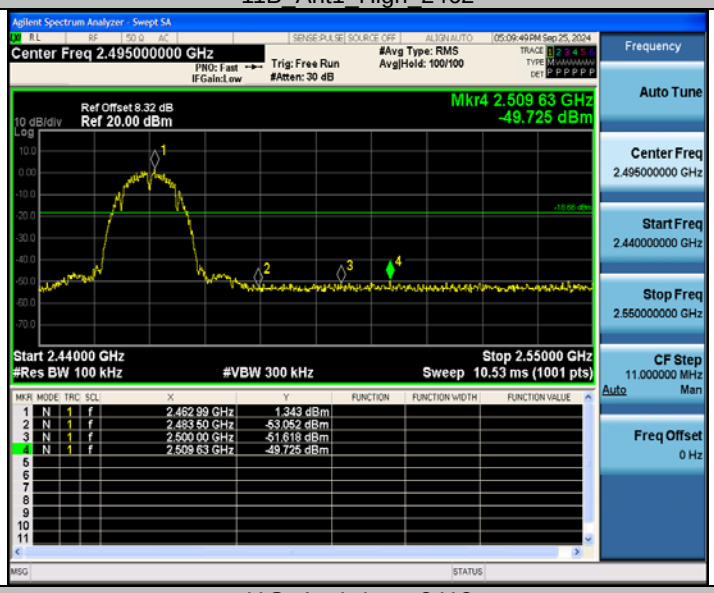


Appendix D: Band edge measurements

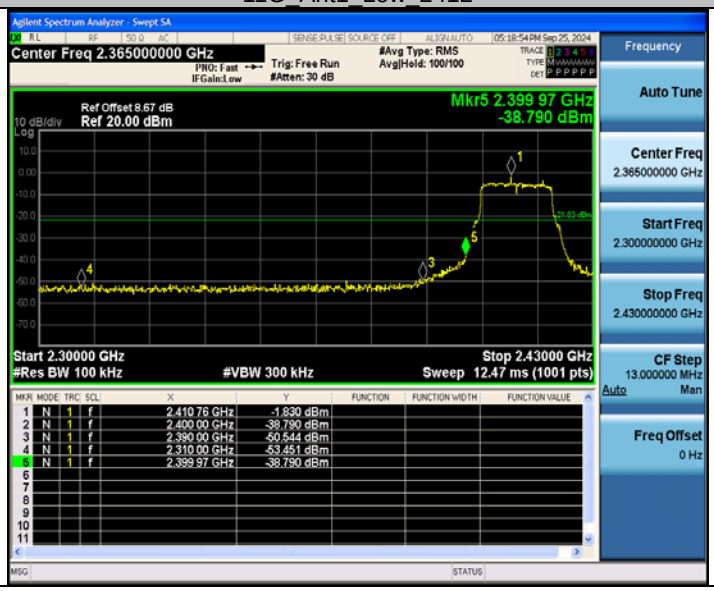
11B_Ant1_Low_2412



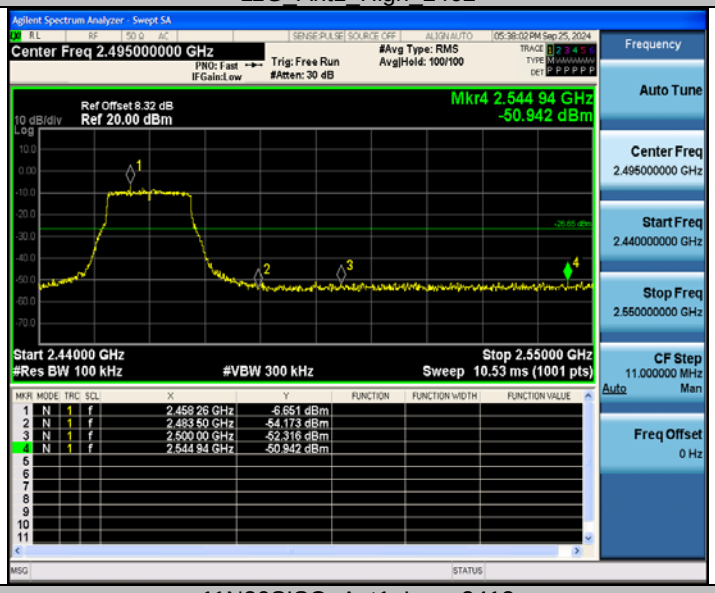
11B_Ant1_High_2462



11G_Ant1_Low_2412

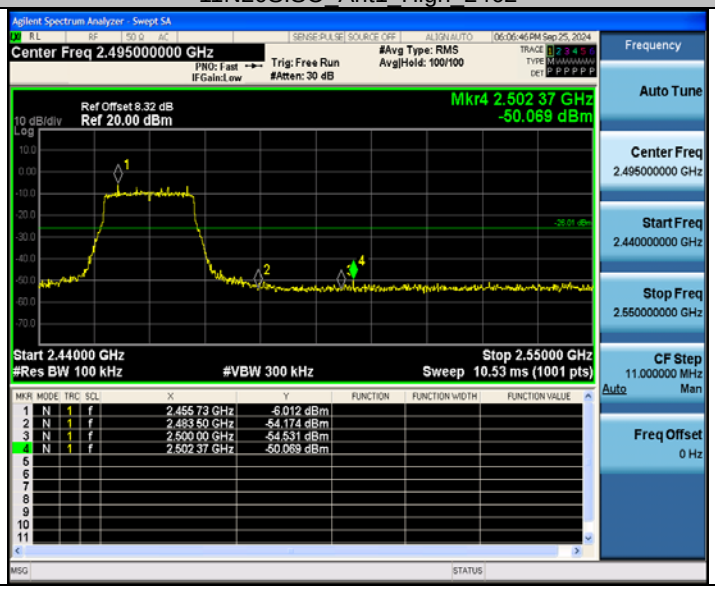


11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

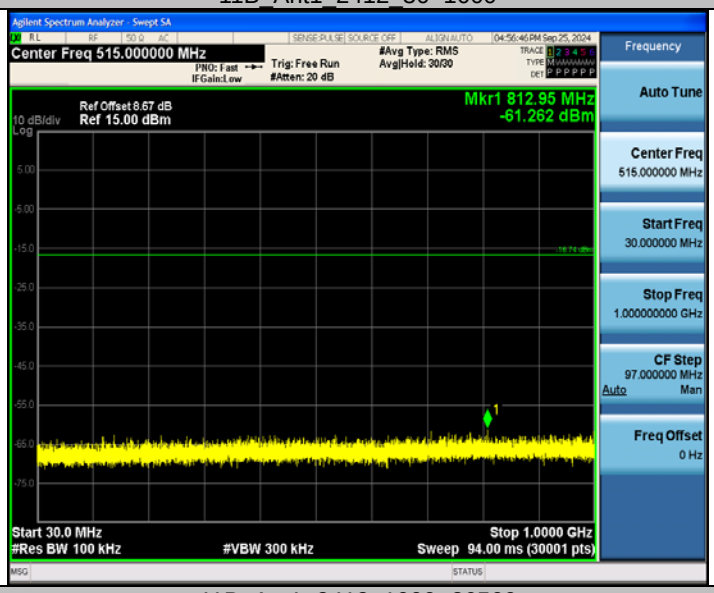
11N20SISO_Ant1_High_2462



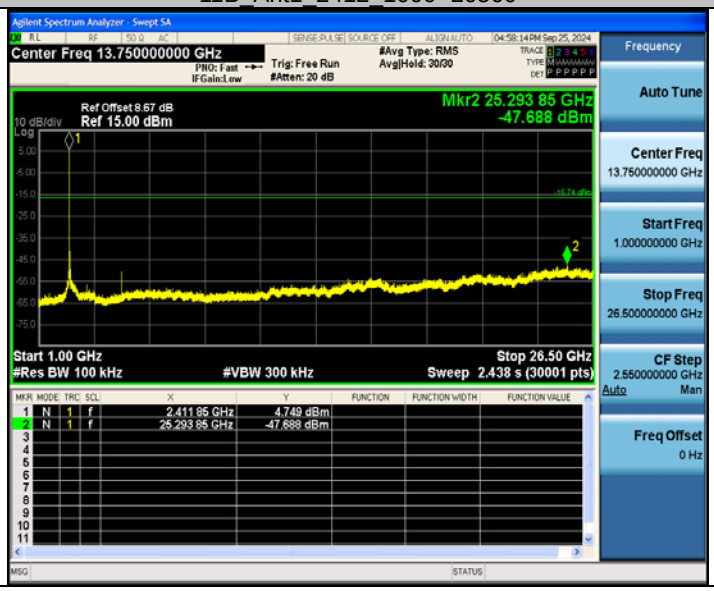
Appendix E: Conducted Spurious Emission

11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

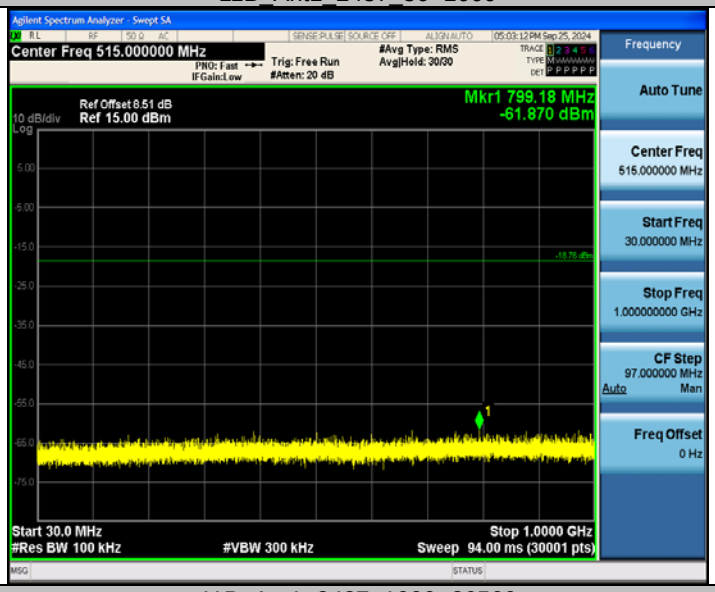


11B_Ant1_2412_1000~26500

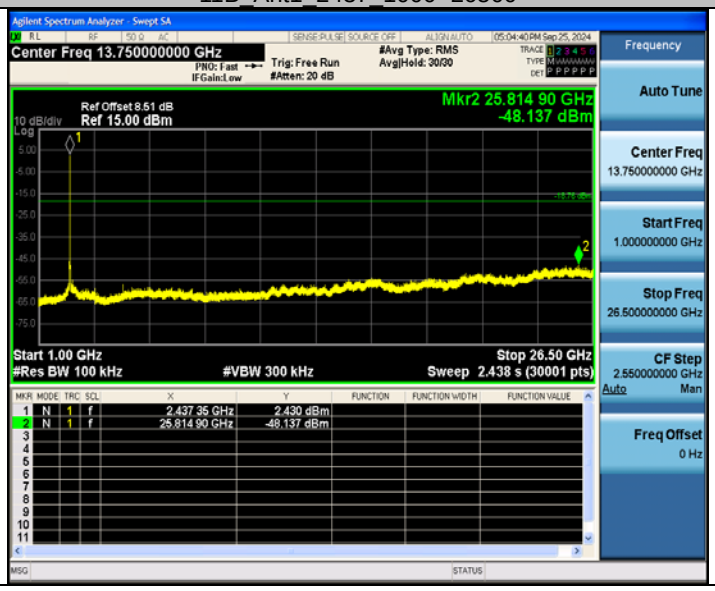


11B_Ant1_2437_0~Reference

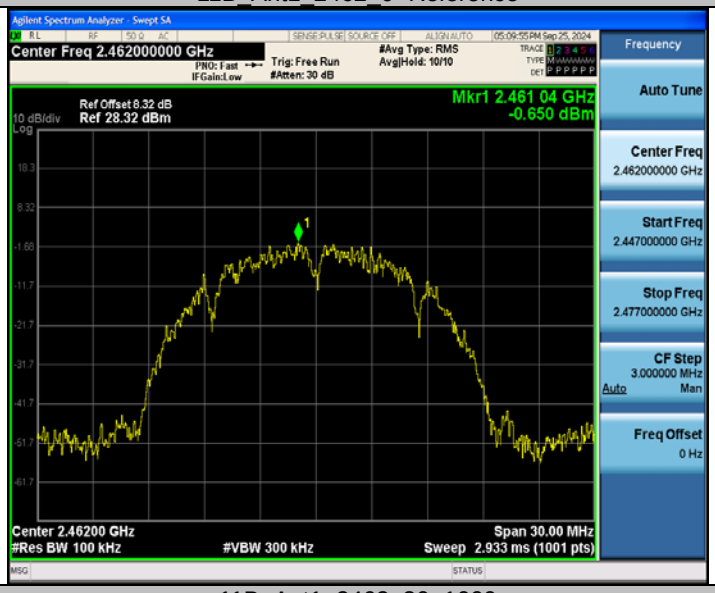
11B_Ant1_2437_30~1000



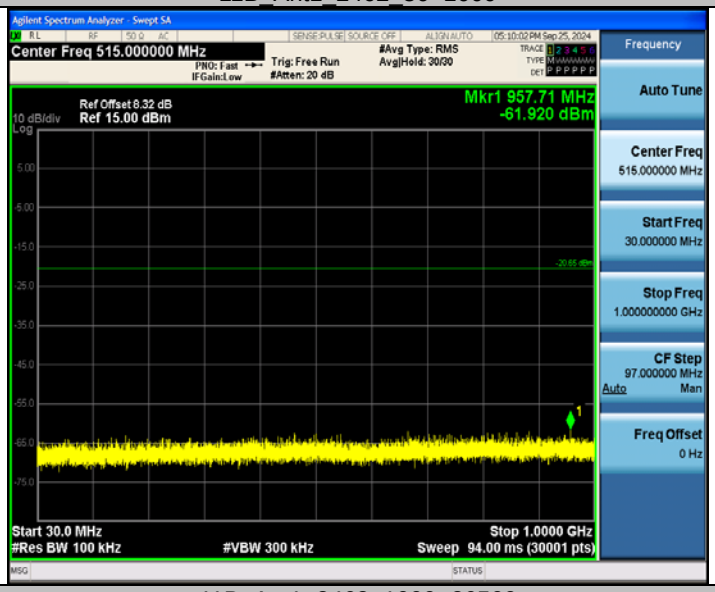
11B_Ant1_2437_1000~26500



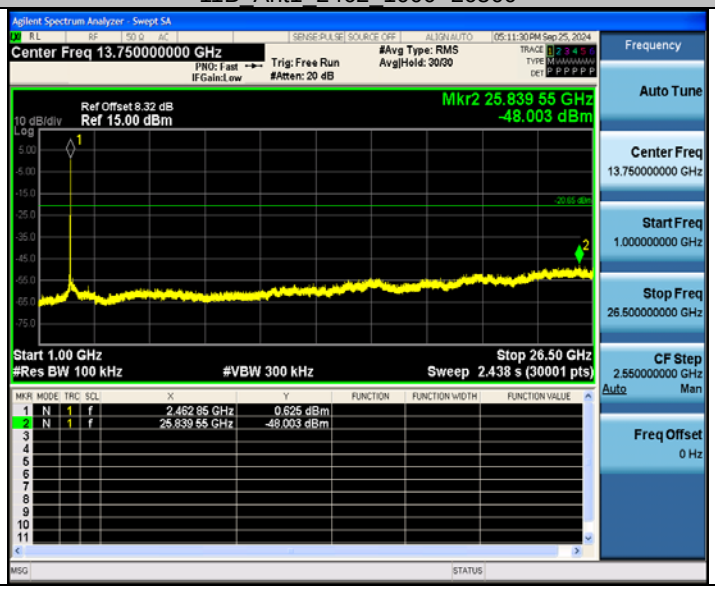
11B_Ant1_2462_0~Reference



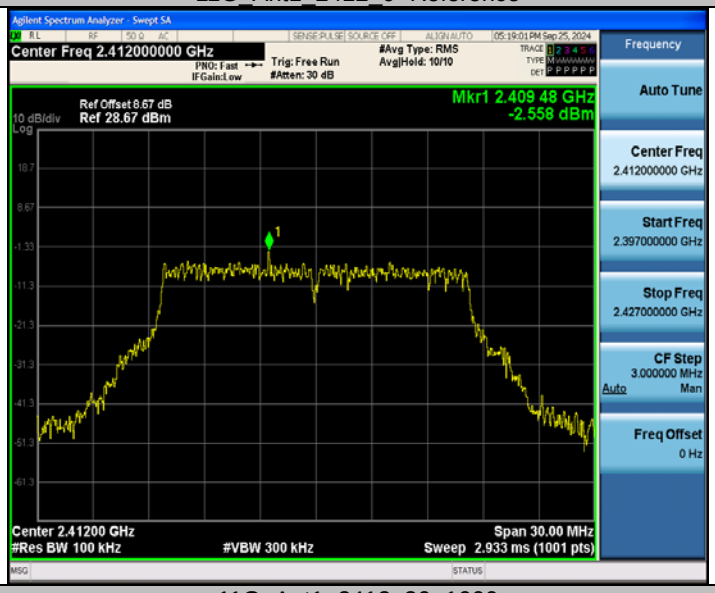
11B_Ant1_2462_30~1000



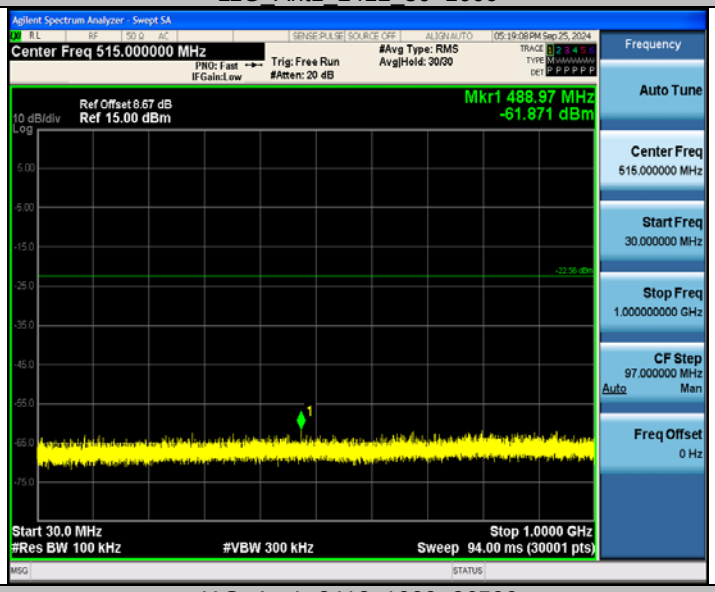
11B_Ant1_2462_1000~26500



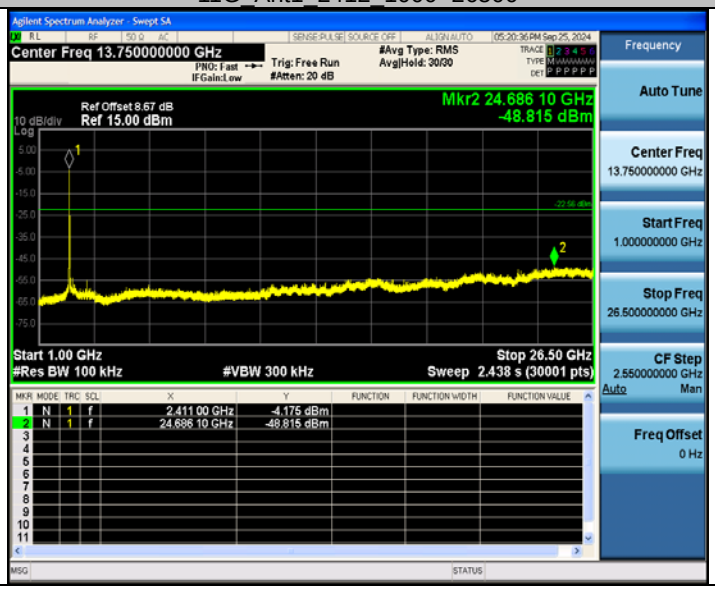
11G_Ant1_2412_0~Reference



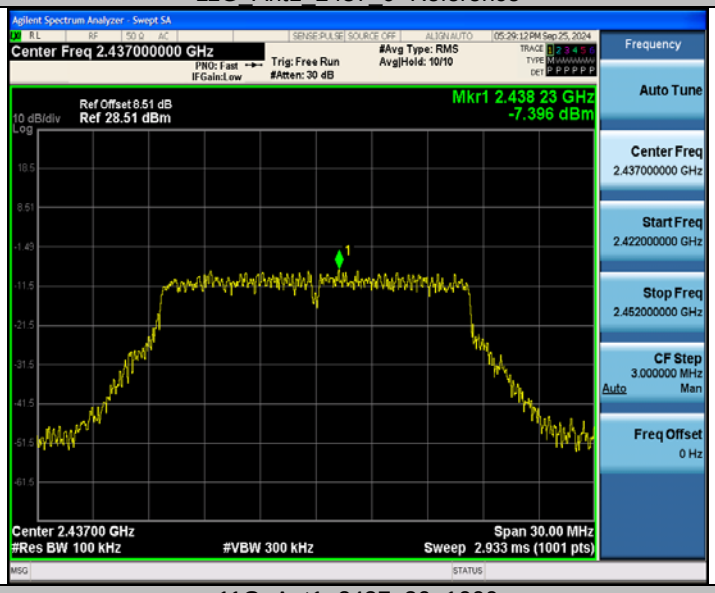
11G_Ant1_2412_30~1000



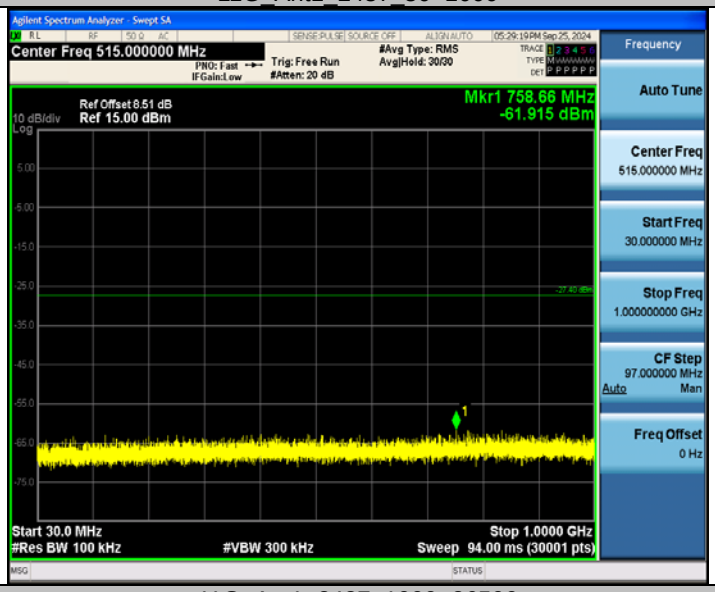
11G_Ant1_2412_1000~26500



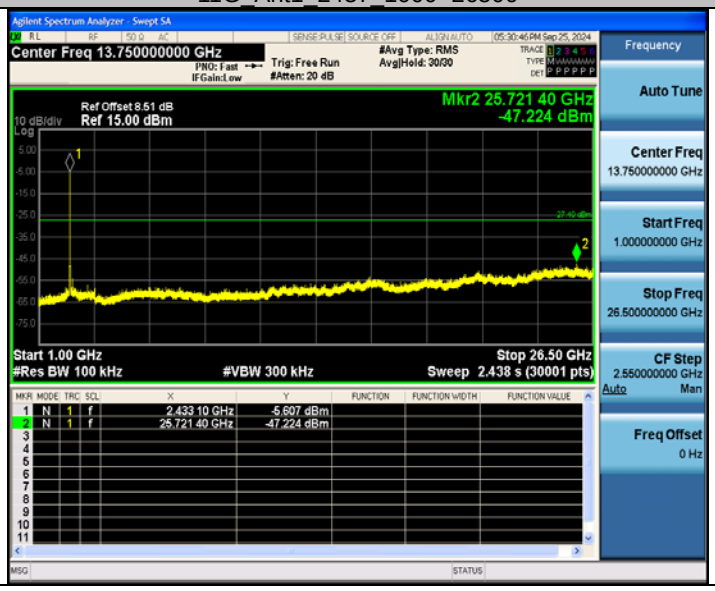
11G_Ant1_2437_0~Reference



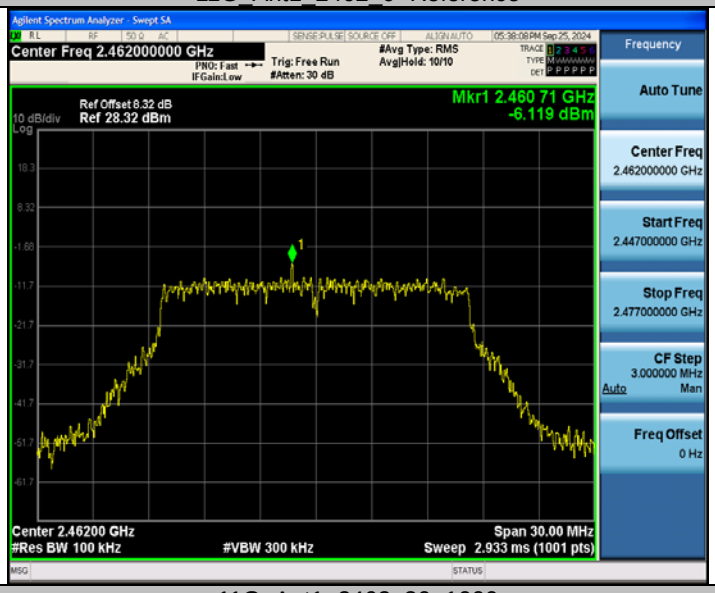
11G_Ant1_2437_30~1000



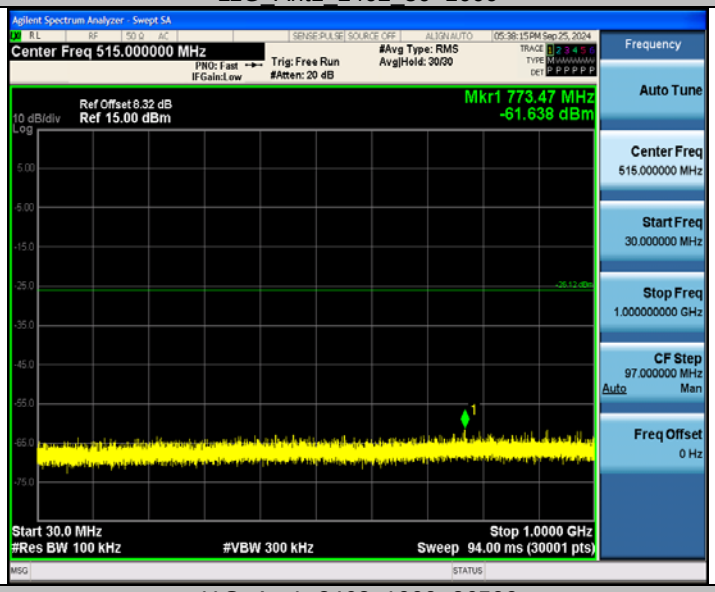
11G_Ant1_2437_1000~26500



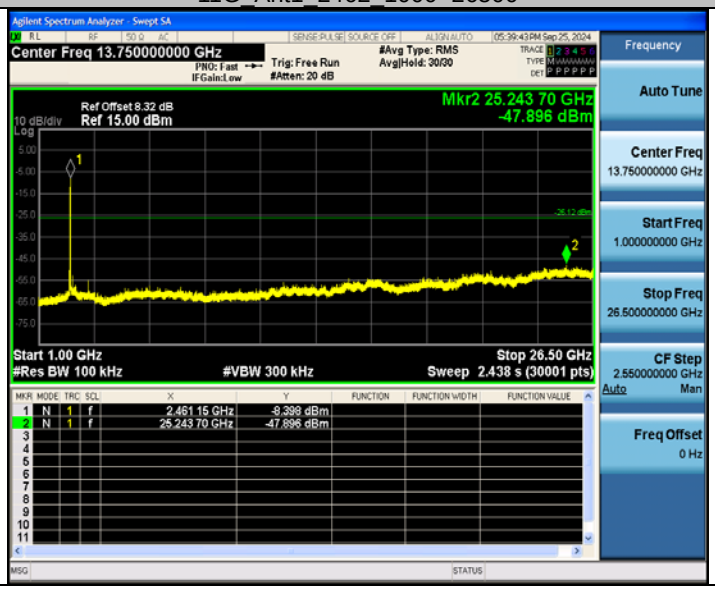
11G_Ant1_2462_0~Reference



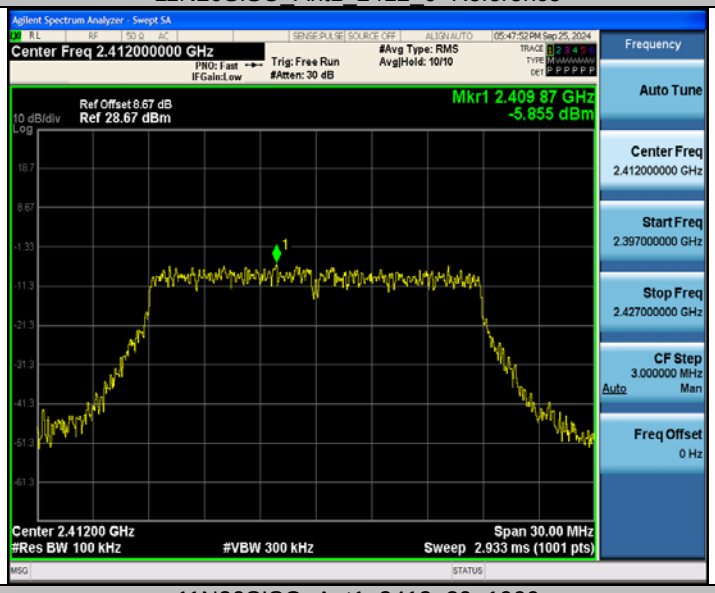
11G_Ant1_2462_30~1000



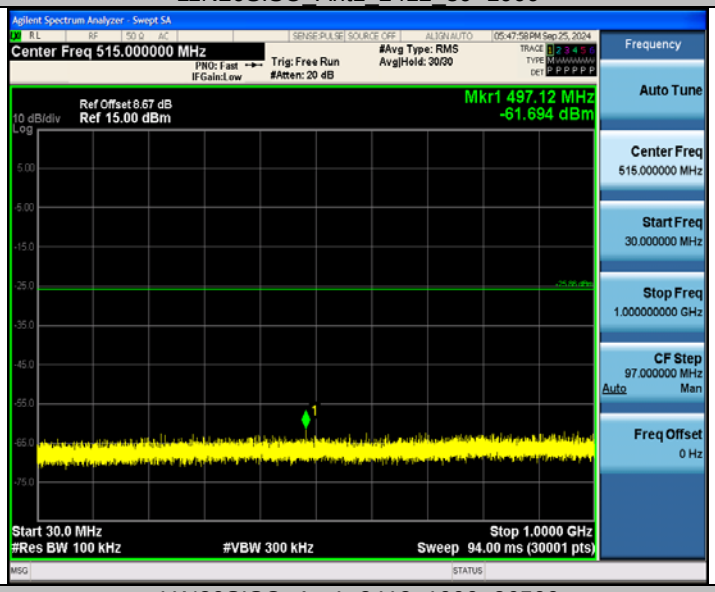
11G_Ant1_2462_1000~26500



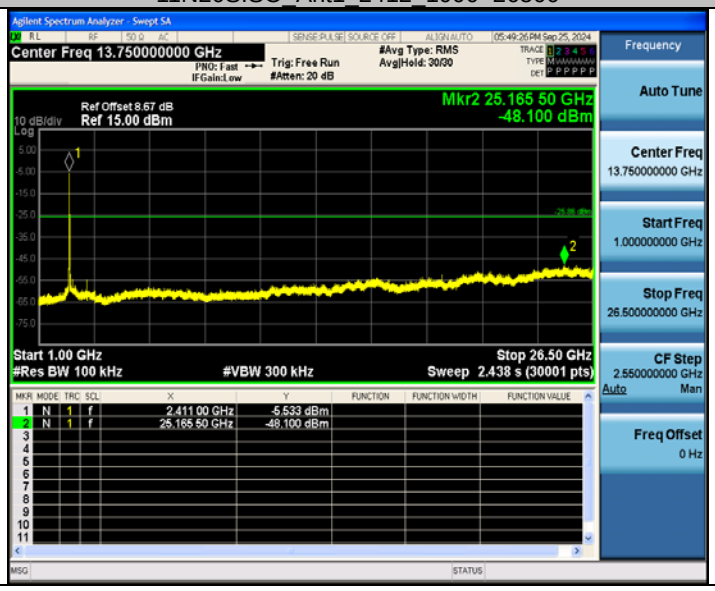
11N20SISO_Ant1_2412_0~Reference



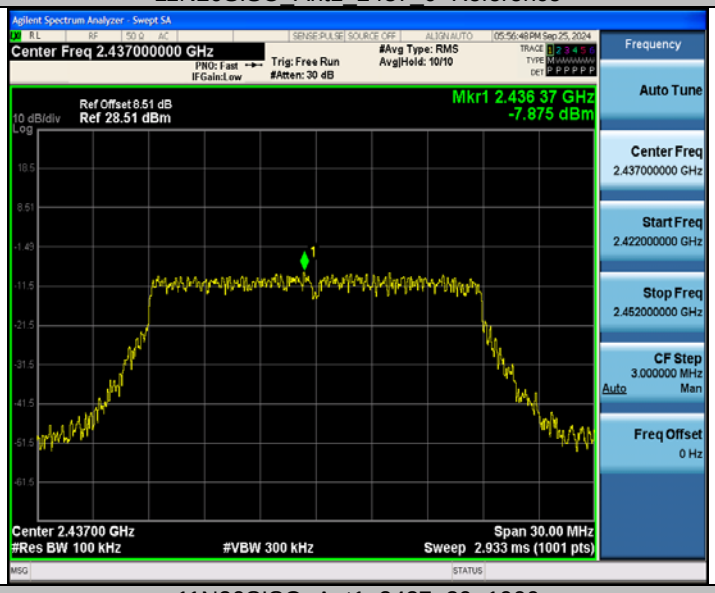
11N20SISO_Ant1_2412_30~1000



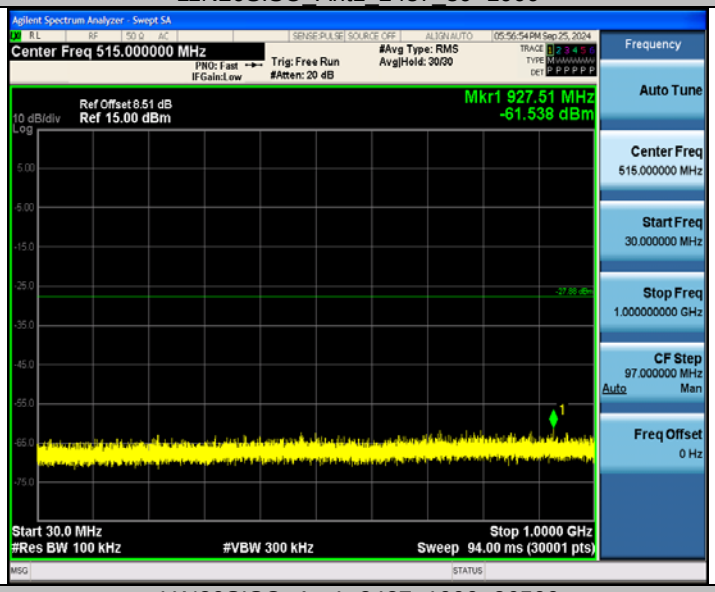
11N20SISO_Ant1_2412_1000~26500



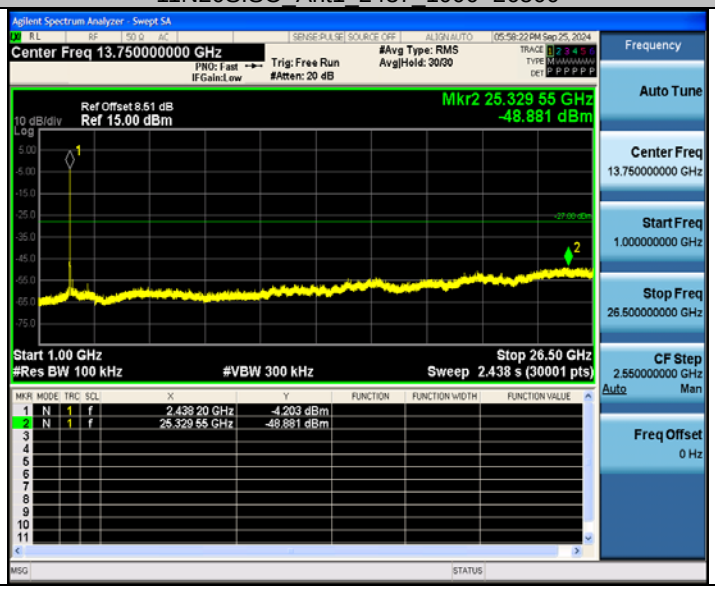
11N20SISO_Ant1_2437_0~Reference



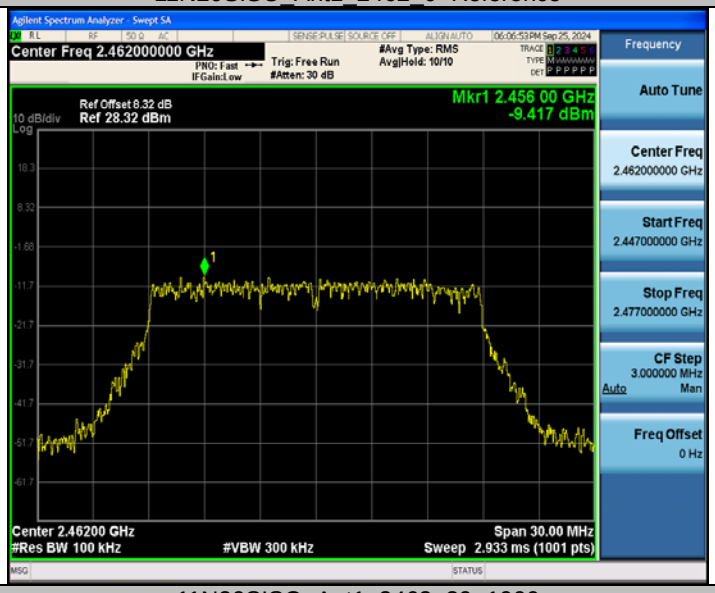
11N20SISO_Ant1_2437_30~1000



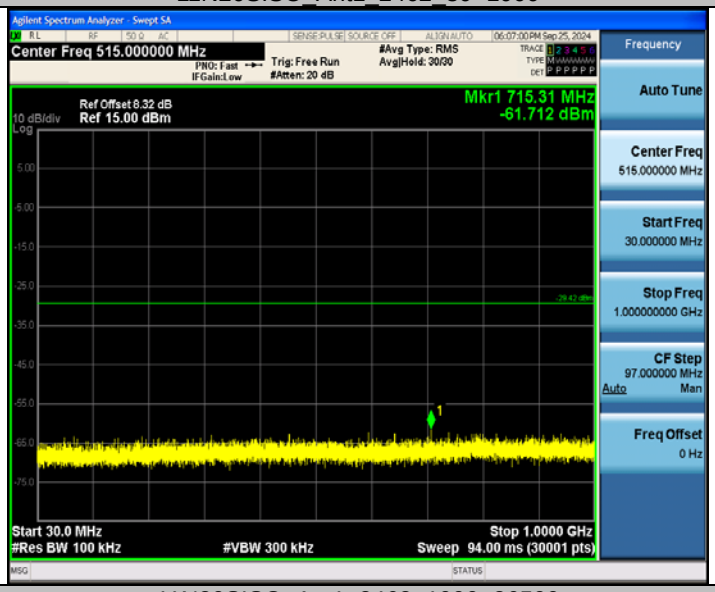
11N20SISO_Ant1_2437_1000~26500



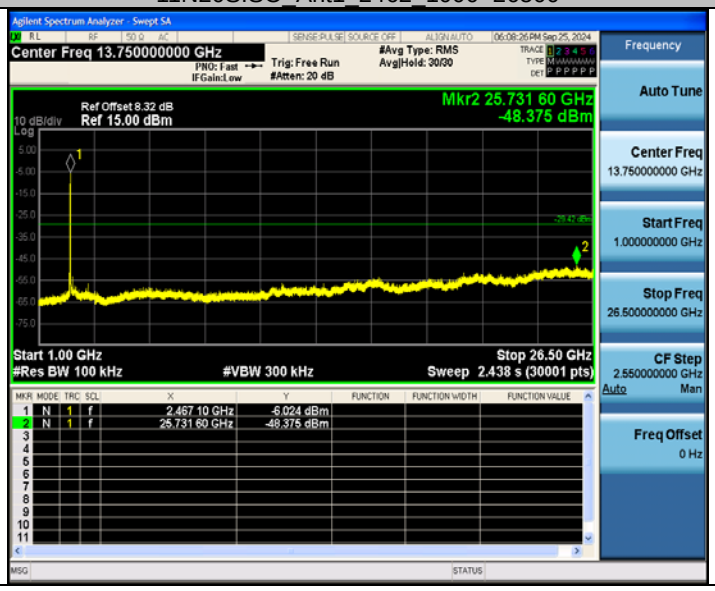
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



Appendix F: Duty Cycle

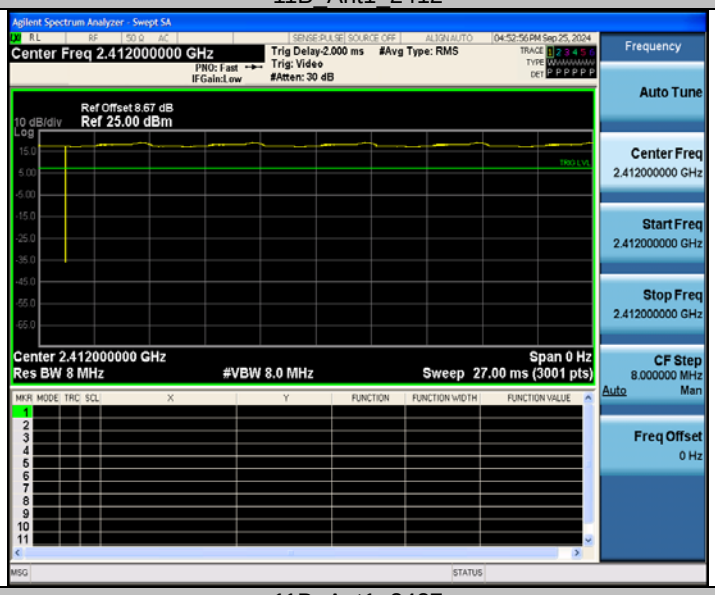
Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	17.00	17.00	100.00	0.00
		2437	27.00	27.00	100.00	0.00
		2462	22.00	22.00	100.00	0.00
11G	Ant1	2412	5.48	5.51	99.46	0.02
		2437	5.49	5.51	99.64	0.02
		2462	5.48	5.51	99.46	0.02
11N20SISO	Ant1	2412	5.08	5.11	99.41	0.03
		2437	5.08	5.11	99.41	0.03
		2462	5.08	5.10	99.61	0.02

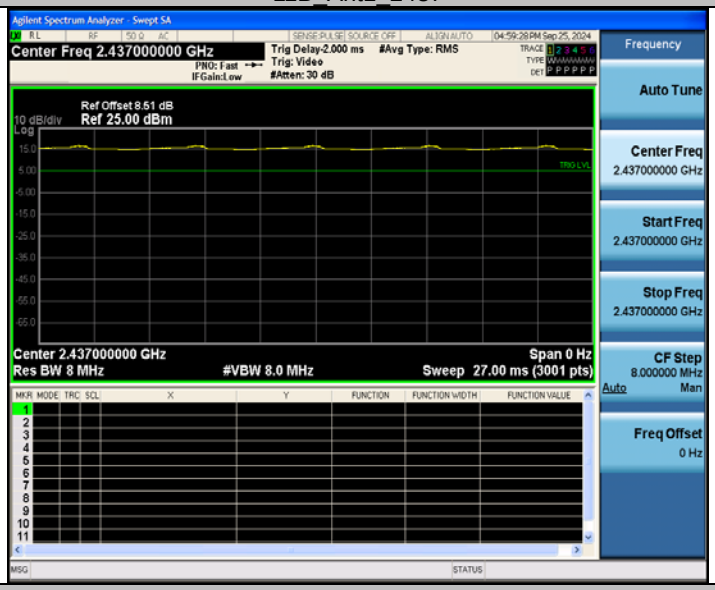
Notes:
Duty Cycle [%] = Transmission Duration [ms] / Transmission Period [ms] * 100
Factor = 10 * log (Duty Cycle)

Test Graphs

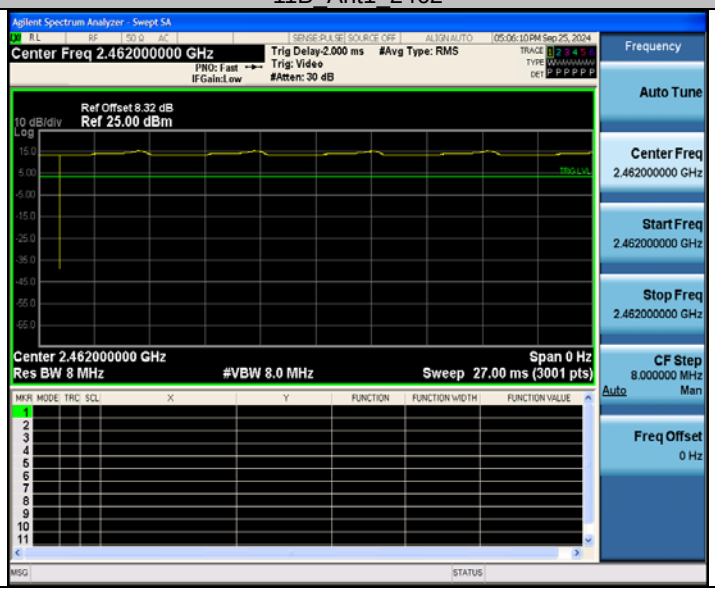
11B_Ant1_2412



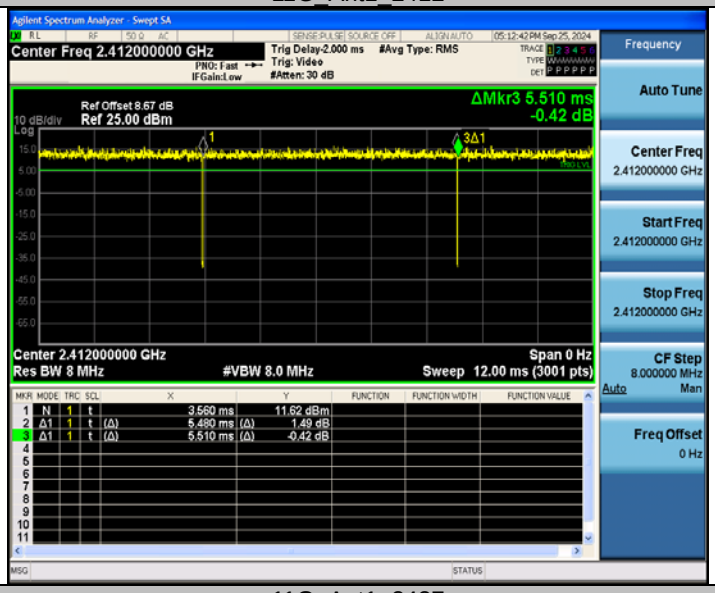
11B_Ant1_2437



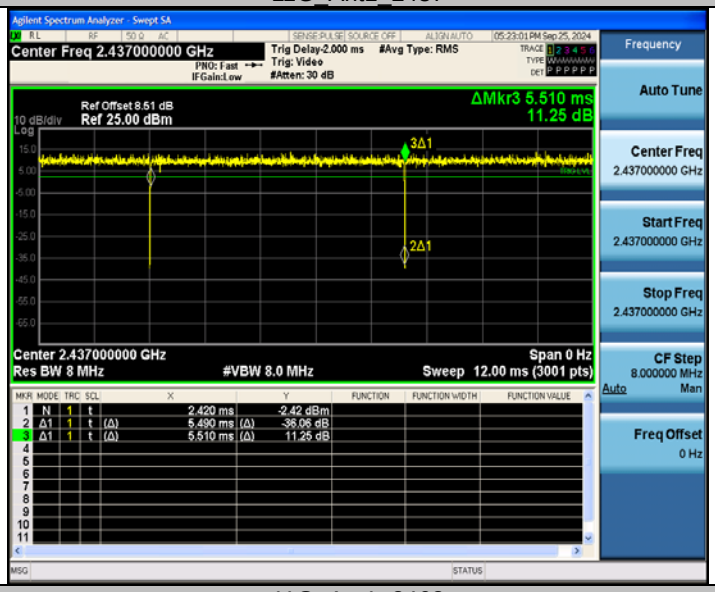
11B_Ant1_2462



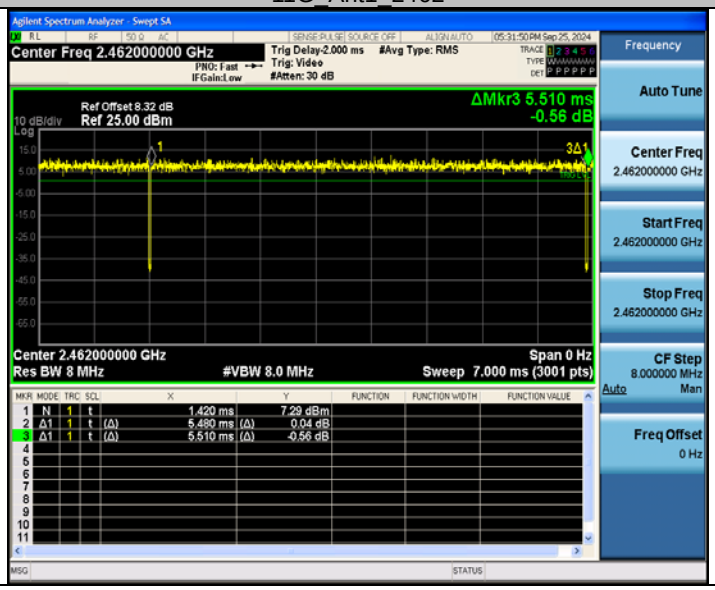
11G_Ant1_2412



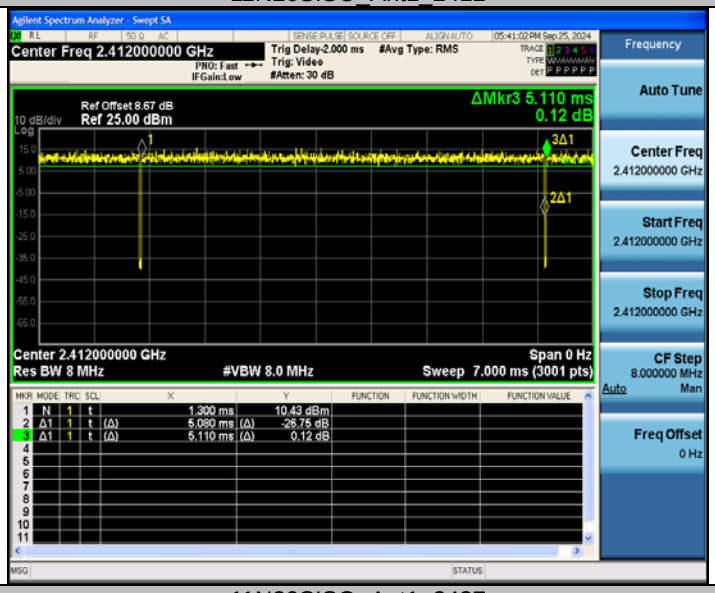
11G_Ant1_2437



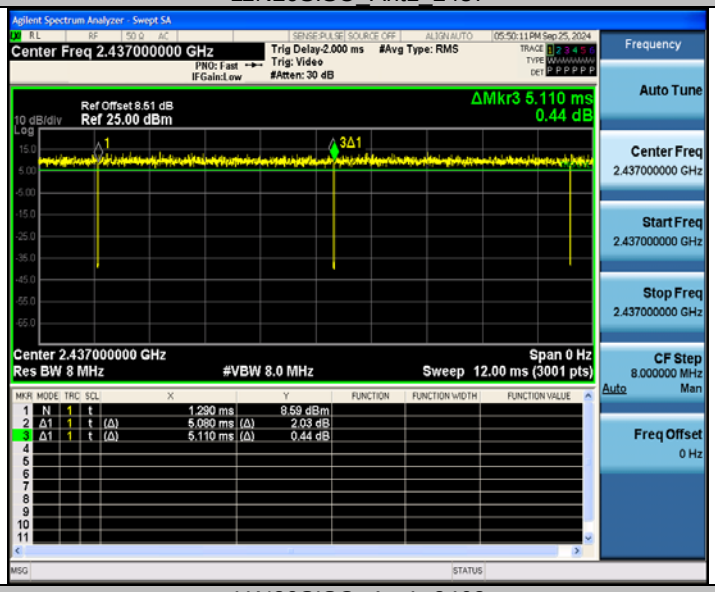
11G_Ant1_2462



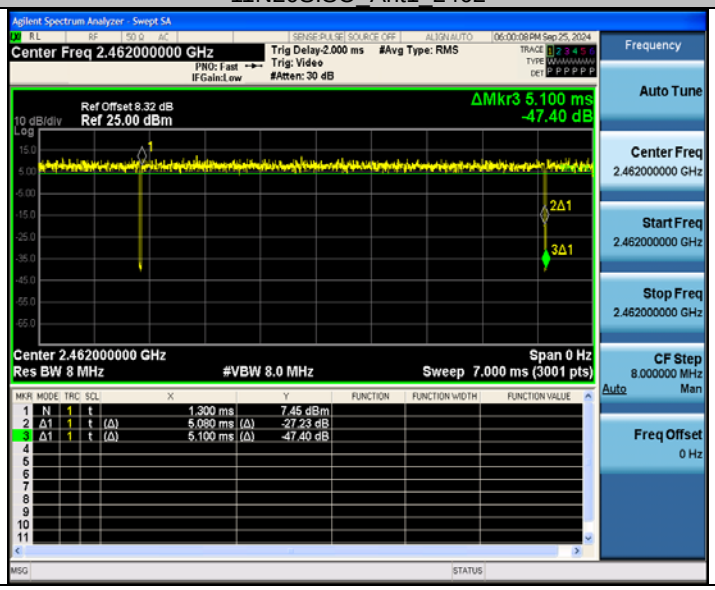
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



----End of Report----