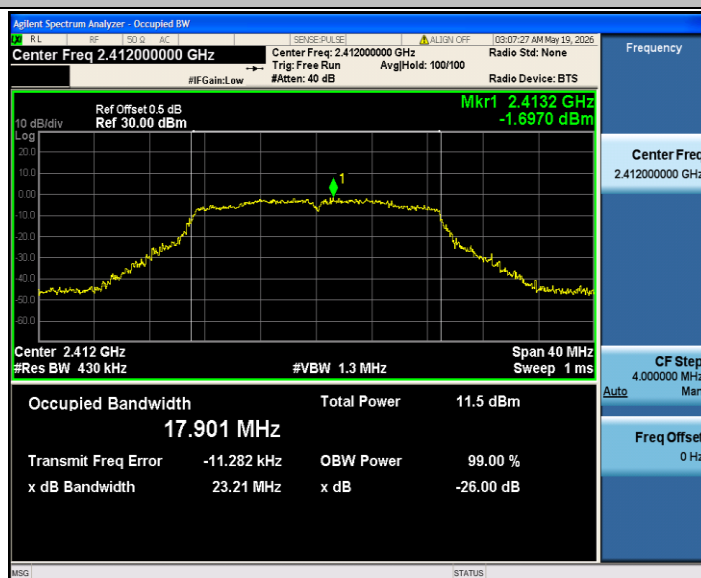


11G_Ant2_2462



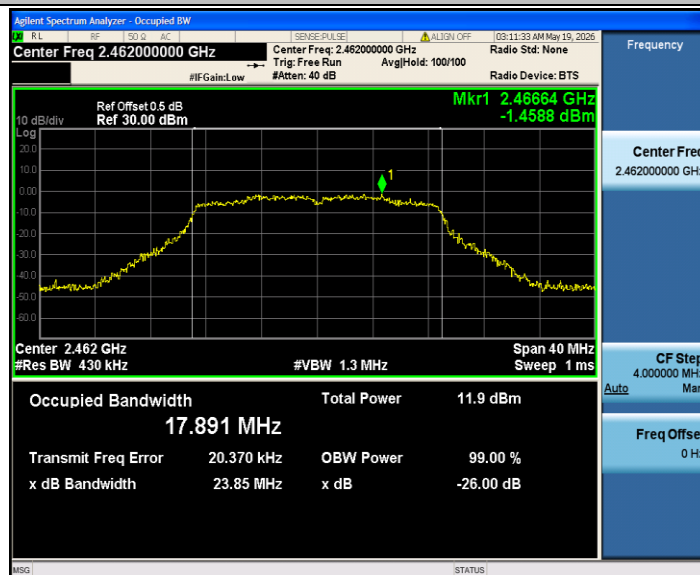
11N20SISO_Ant2_2412



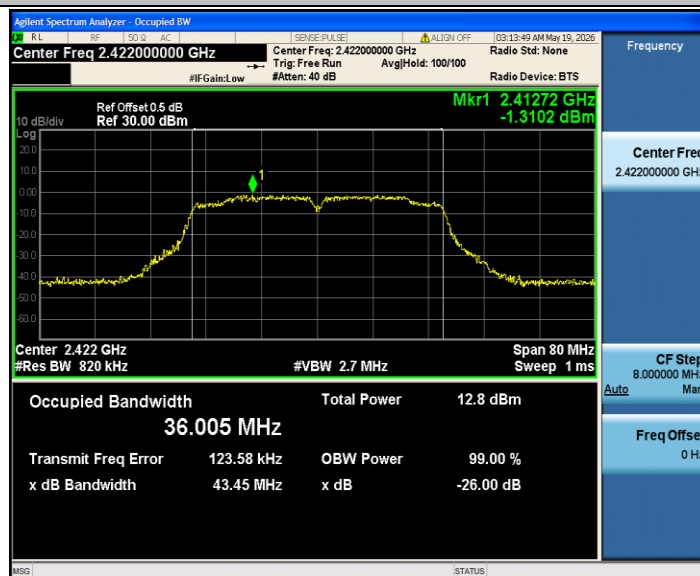
11N20SISO_Ant2_2437



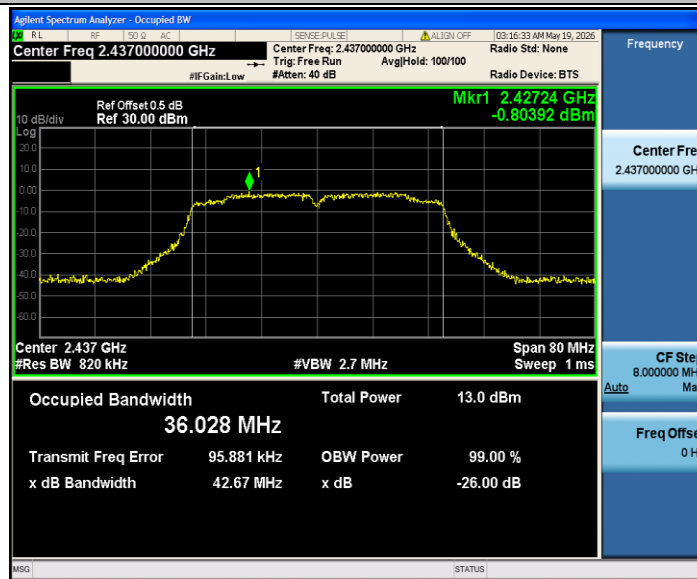
11N20SISO_Ant2_2462



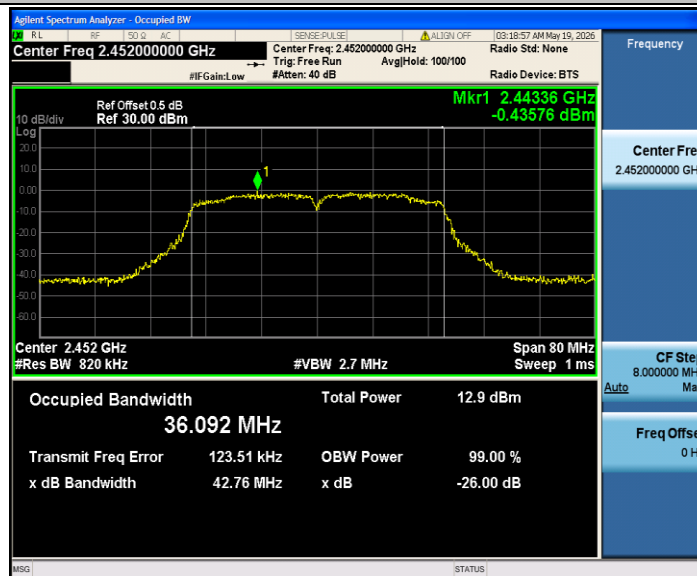
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	12.42	≤30.00	PASS
		2437	12.63	≤30.00	PASS
		2462	12.80	≤30.00	PASS
11G	Ant2	2412	12.52	≤30.00	PASS
		2437	12.75	≤30.00	PASS
		2462	12.86	≤30.00	PASS
11N20SISO	Ant2	2412	12.40	≤30.00	PASS
		2437	12.54	≤30.00	PASS
		2462	12.87	≤30.00	PASS
11N40SISO	Ant2	2422	12.80	≤30.00	PASS
		2437	13.25	≤30.00	PASS
		2452	13.12	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-12.86	≤8.00	PASS
		2437	-12.88	≤8.00	PASS
		2462	-12.54	≤8.00	PASS
11G	Ant2	2412	-18.62	≤8.00	PASS
		2437	-19.46	≤8.00	PASS
		2462	-19.04	≤8.00	PASS
11N20SISO	Ant2	2412	-18.35	≤8.00	PASS
		2437	-19.02	≤8.00	PASS
		2462	-18.17	≤8.00	PASS
11N40SISO	Ant2	2422	-21.80	≤8.00	PASS
		2437	-21.23	≤8.00	PASS
		2452	-21.44	≤8.00	PASS

Test Graphs

11B_Ant2_2412



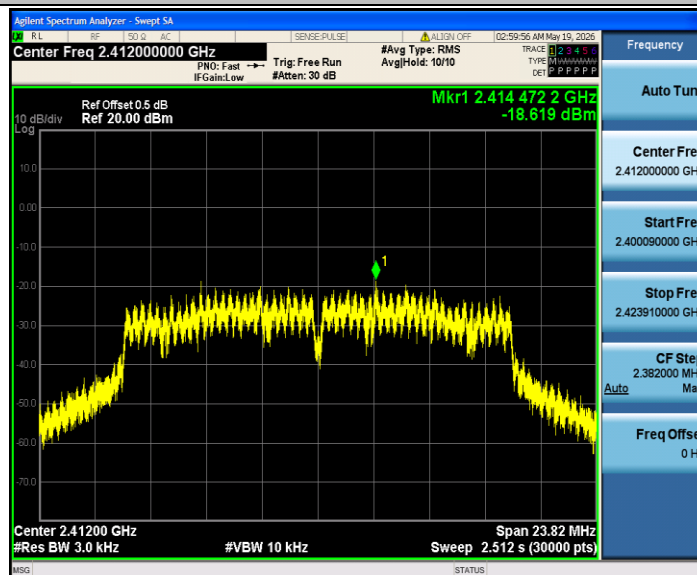
11B_Ant2_2437



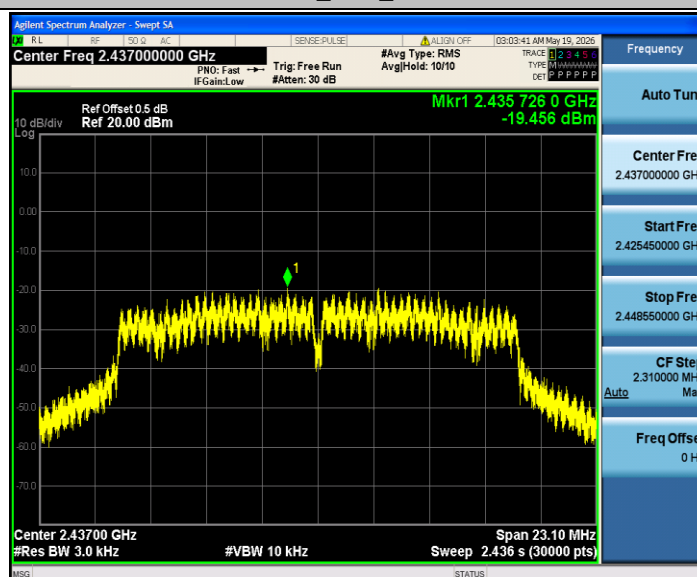
11B_Ant2_2462



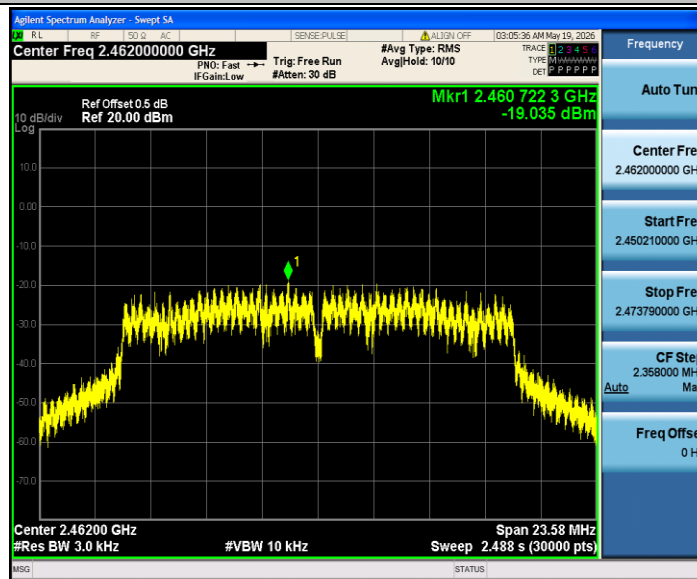
11G_Ant2_2412



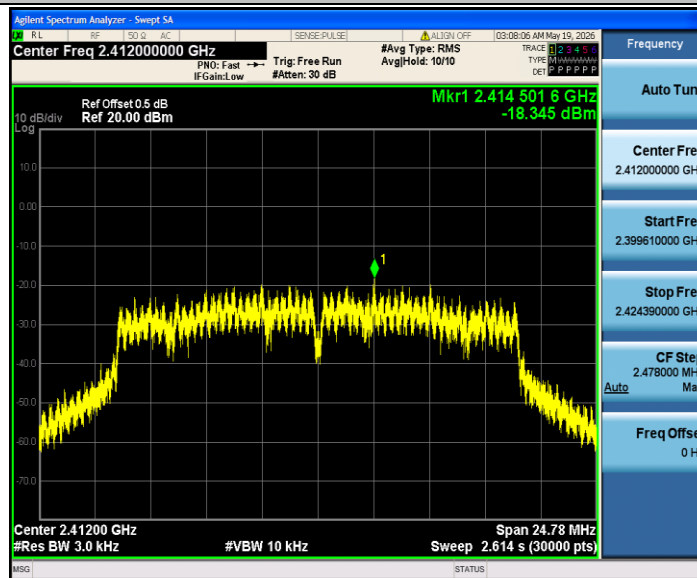
11G_Ant2_2437



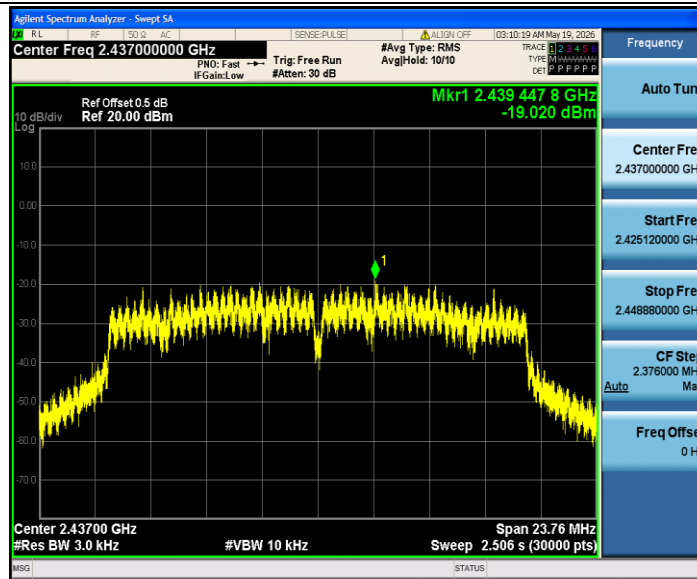
11G_Ant2_2462



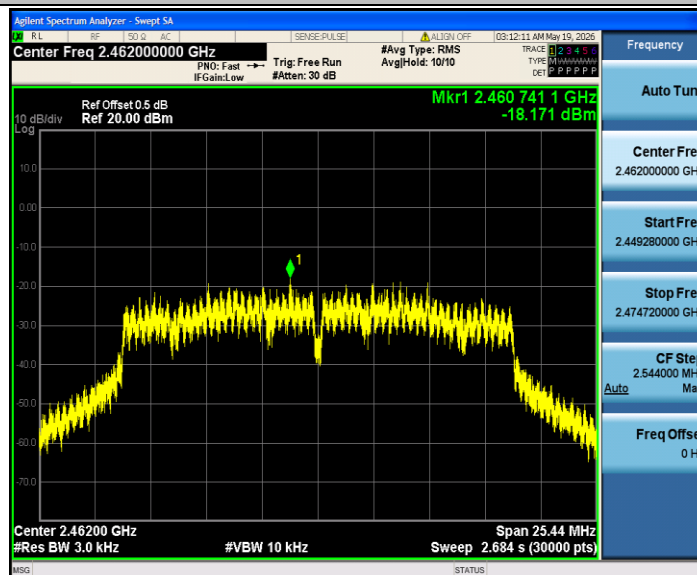
11N20SISO_Ant2_2412



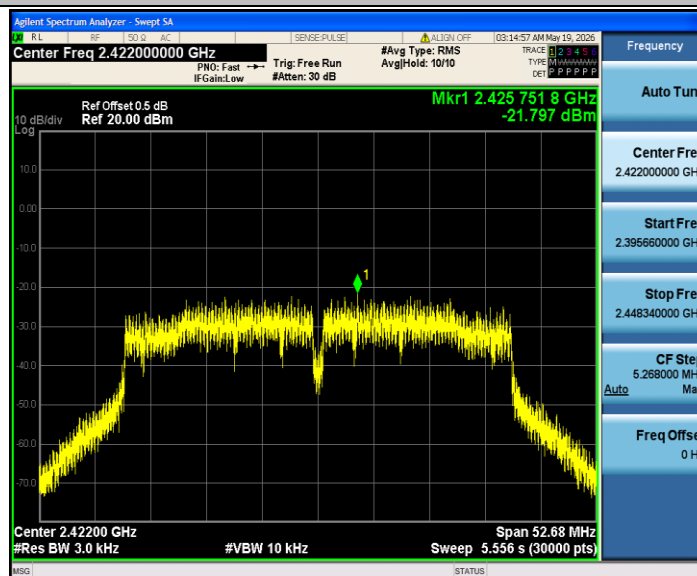
11N20SISO_Ant2_2437



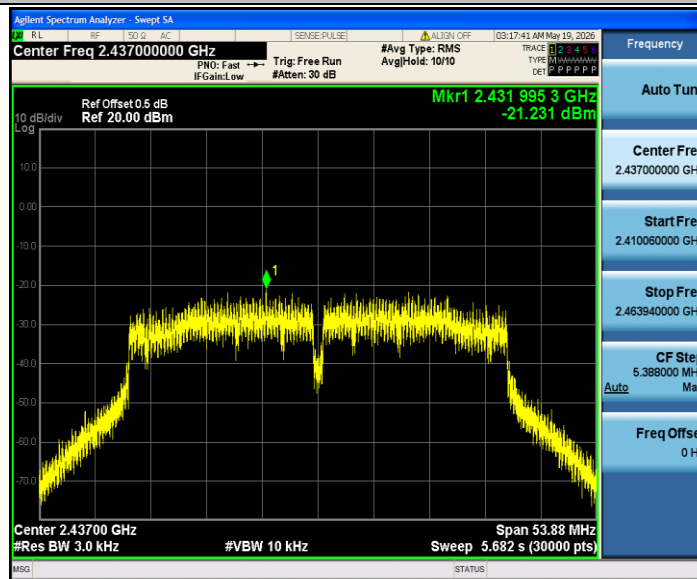
11N20SISO_Ant2_2462



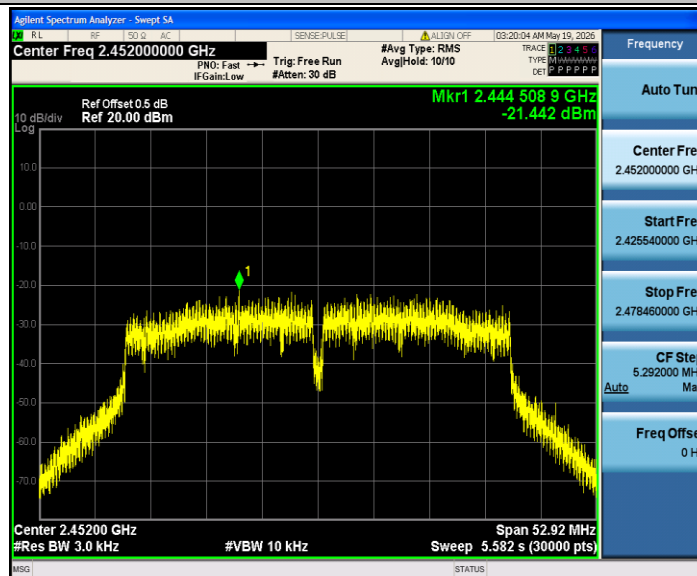
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



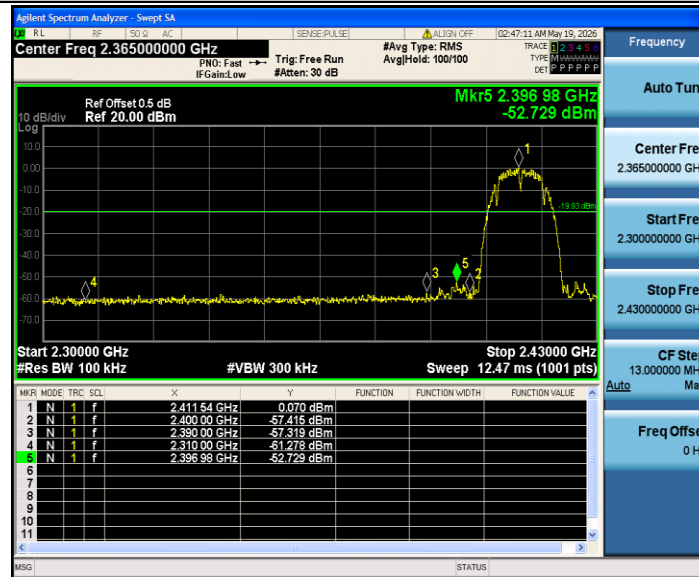
Appendix E: Band edge measurements

Test Result

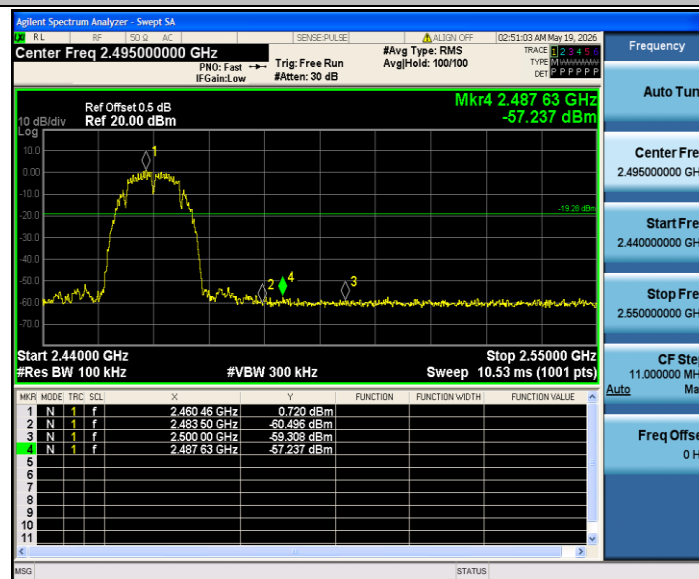
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	0.07	-52.73	≤-19.93	PASS
		High	2462	0.72	-57.24	≤-19.28	PASS
11G	Ant2	Low	2412	-3.88	-33.77	≤-23.88	PASS
		High	2462	-3.65	-57.66	≤-23.65	PASS
11N20SISO	Ant2	Low	2412	-4.21	-34.72	≤-24.21	PASS
		High	2462	-3.68	-56.14	≤-23.68	PASS
11N40SISO	Ant2	Low	2422	-7.07	-35.11	≤-27.07	PASS
		High	2452	-6.92	-57.56	≤-26.92	PASS

Test Graphs

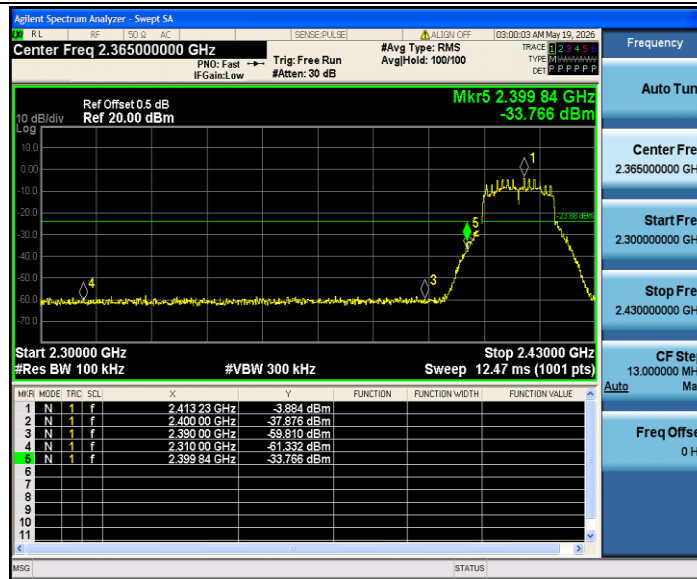
11B_Ant2_Low_2412



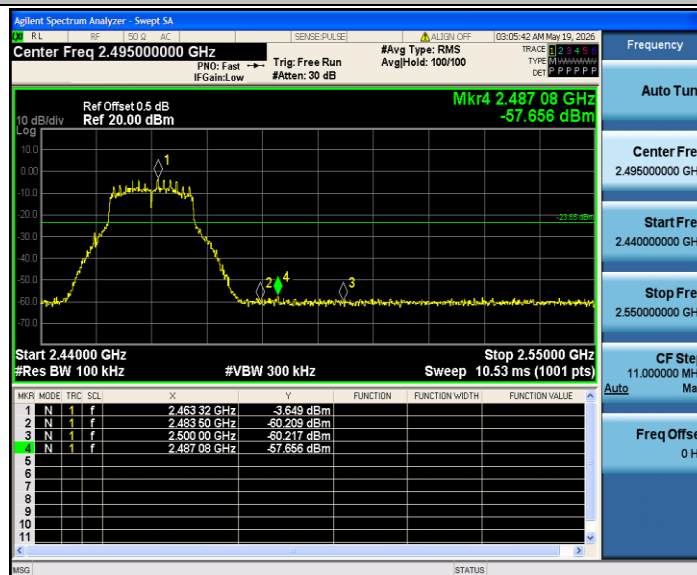
11B_Ant2_High_2462



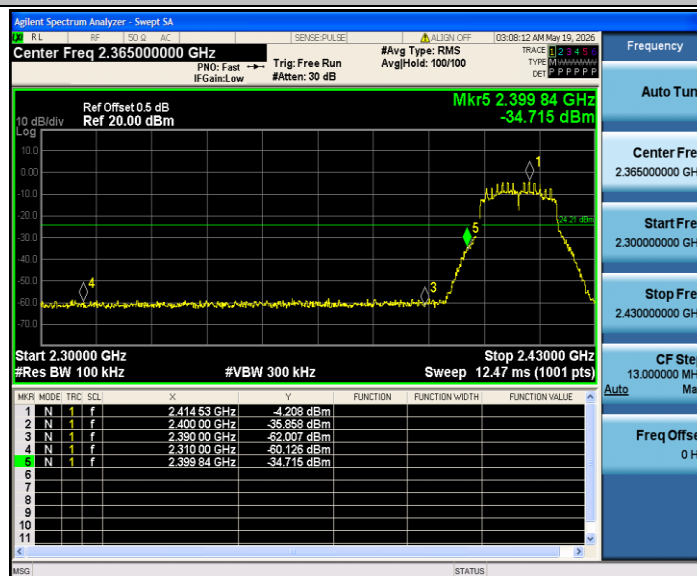
11G_Ant2_Low_2412



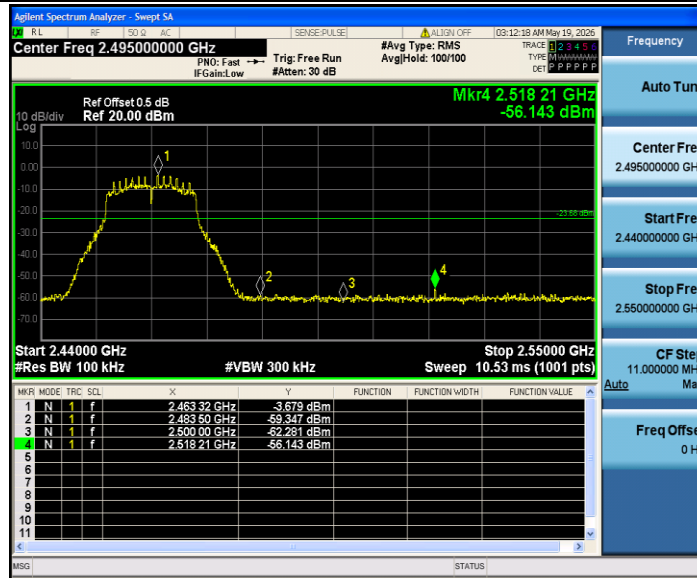
11G_Ant2_High_2462



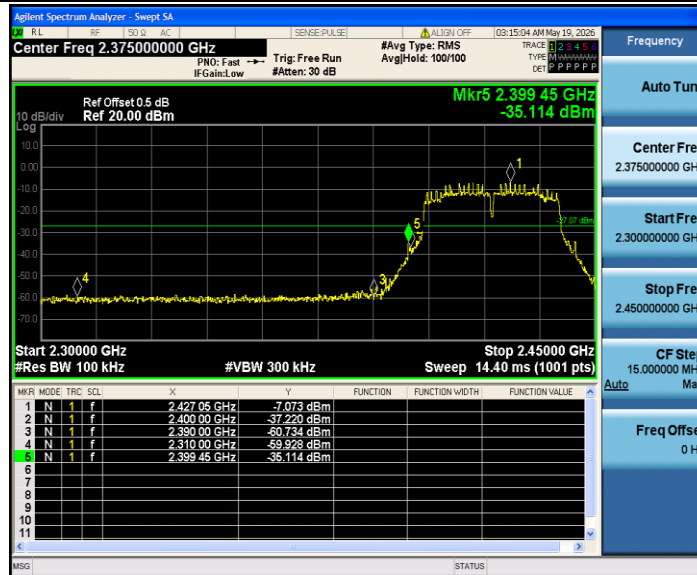
11N20SISO_Ant2_Low_2412



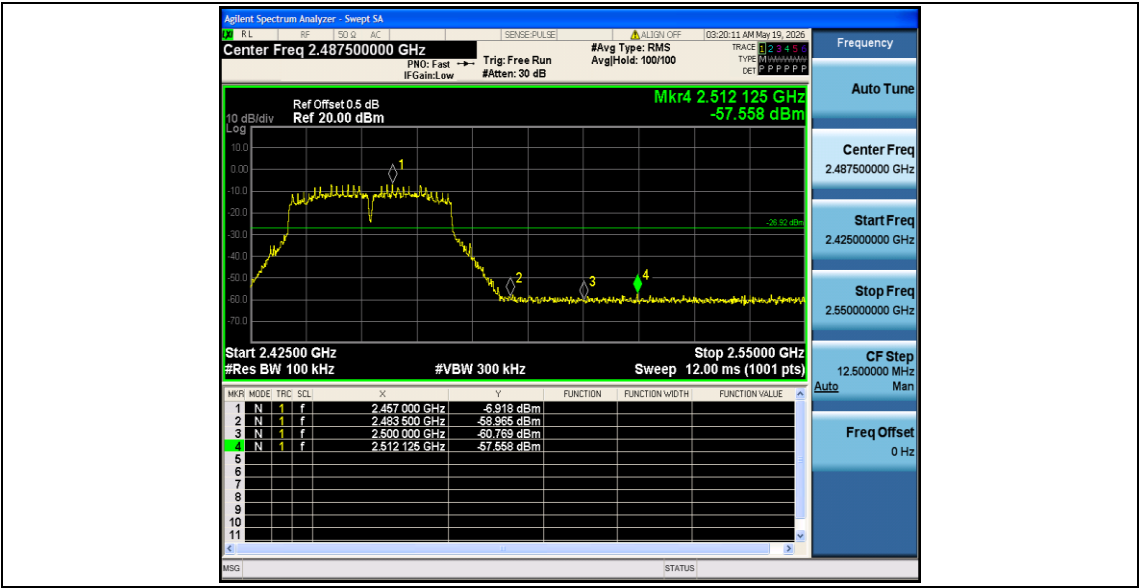
11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452



Appendix F: Conducted Spurious Emission

Test Result

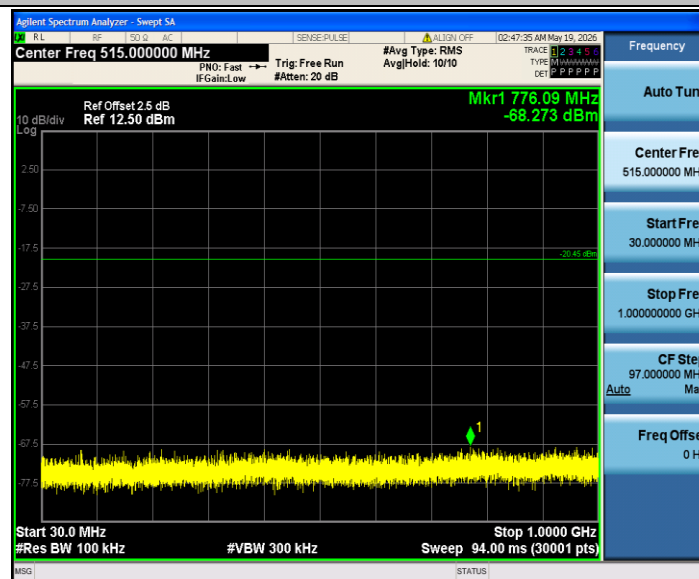
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	-0.45	-0.45	---	PASS
			30~1000	-0.45	-68.27	≤-20.45	PASS
			1000~26500	-0.45	-55.62	≤-20.45	PASS
		2437	Reference	-1.67	-1.67	---	PASS
			30~1000	-1.67	-67.2	≤-21.67	PASS
			1000~26500	-1.67	-55.87	≤-21.67	PASS
		2462	Reference	-0.38	-0.38	---	PASS
			30~1000	-0.38	-67.73	≤-20.38	PASS
			1000~26500	-0.38	-56	≤-20.38	PASS
11G	Ant2	2412	Reference	-4.39	-4.39	---	PASS
			30~1000	-4.39	-67.81	≤-24.39	PASS
			1000~26500	-4.39	-55.46	≤-24.39	PASS
		2437	Reference	-4.16	-4.16	---	PASS
			30~1000	-4.16	-68.48	≤-24.16	PASS
			1000~26500	-4.16	-55.37	≤-24.16	PASS
		2462	Reference	-3.99	-3.99	---	PASS
			30~1000	-3.99	-68.03	≤-23.99	PASS
			1000~26500	-3.99	-55.78	≤-23.99	PASS
11N20SISO	Ant2	2412	Reference	-4.18	-4.18	---	PASS
			30~1000	-4.18	-68	≤-24.18	PASS
			1000~26500	-4.18	-55.43	≤-24.18	PASS
		2437	Reference	-4.73	-4.73	---	PASS
			30~1000	-4.73	-68.5	≤-24.73	PASS
			1000~26500	-4.73	-55.59	≤-24.73	PASS
		2462	Reference	-4.29	-4.29	---	PASS
			30~1000	-4.29	-67.84	≤-24.29	PASS
			1000~26500	-4.29	-55.32	≤-24.29	PASS
11N40SISO	Ant2	2422	Reference	-7.66	-7.66	---	PASS
			30~1000	-7.66	-68.1	≤-27.66	PASS
			1000~26500	-7.66	-55.46	≤-27.66	PASS
		2437	Reference	-6.90	-6.90	---	PASS
			30~1000	-6.90	-67.83	≤-26.9	PASS
			1000~26500	-6.90	-55.84	≤-26.9	PASS
		2452	Reference	-7.18	-7.18	---	PASS
			30~1000	-7.18	-68.22	≤-27.18	PASS
			1000~26500	-7.18	-55.91	≤-27.18	PASS

Test Graphs

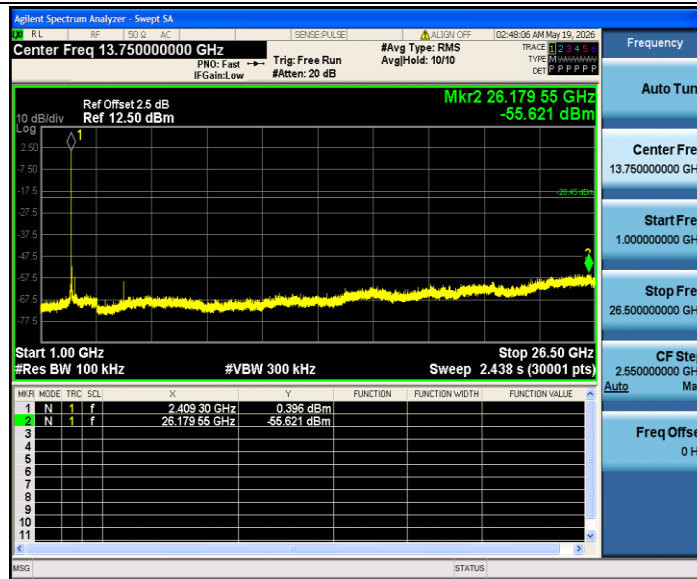
11B_Ant2_2412_0~Reference



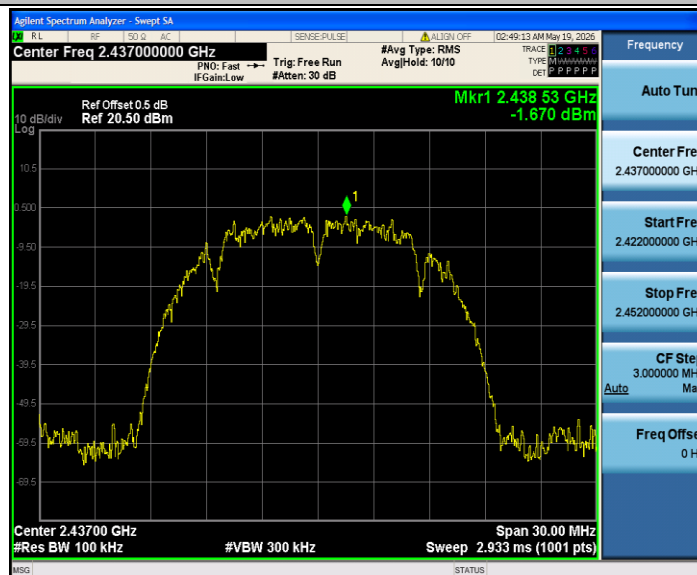
11B_Ant2_2412_30~1000



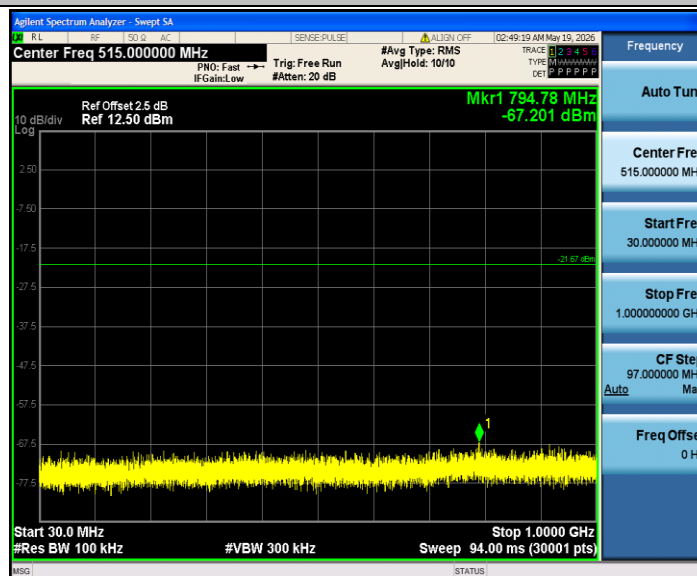
11B_Ant2_2412_1000~26500



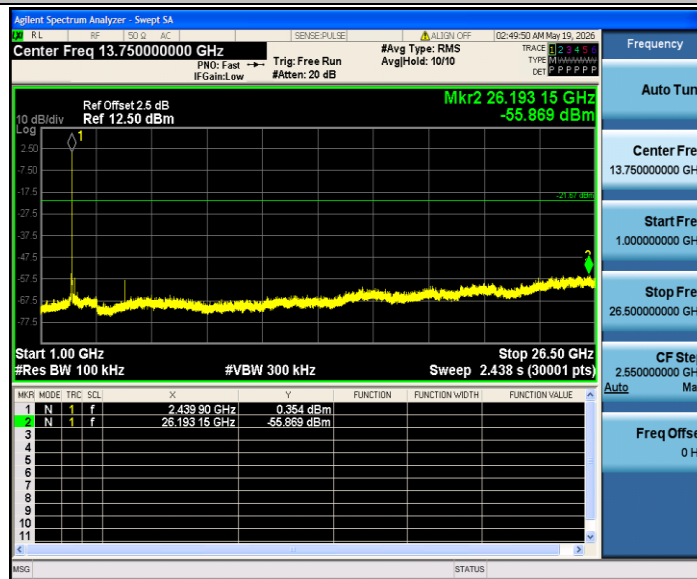
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



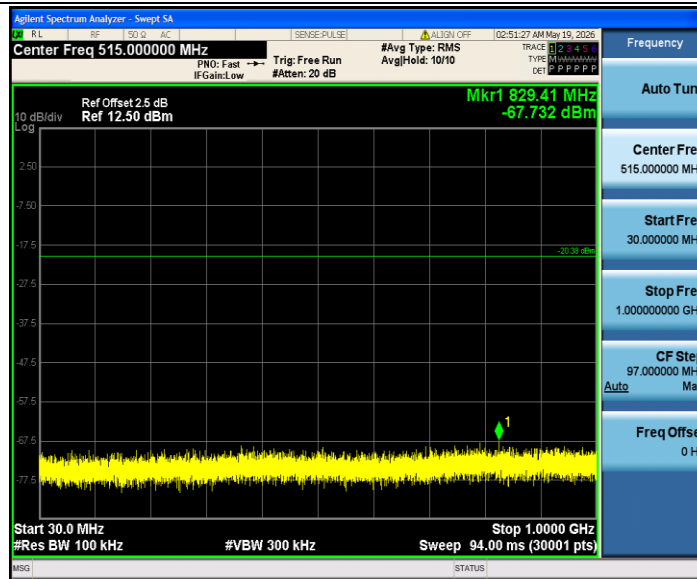
11B_Ant2_2437_1000~26500



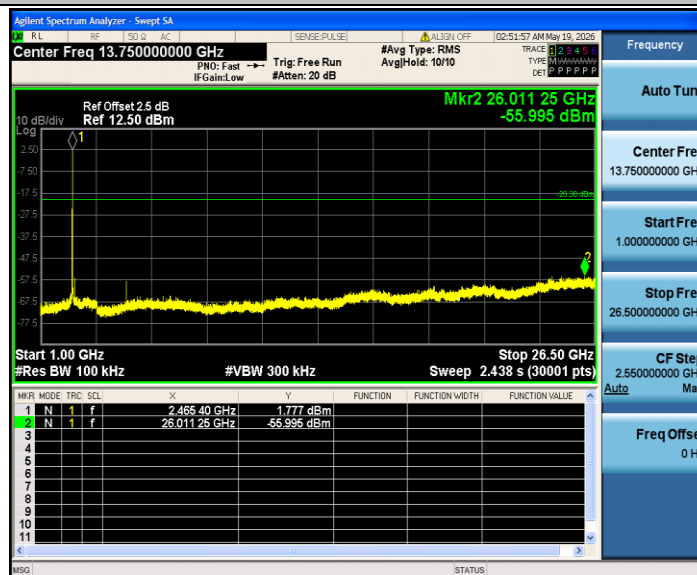
11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



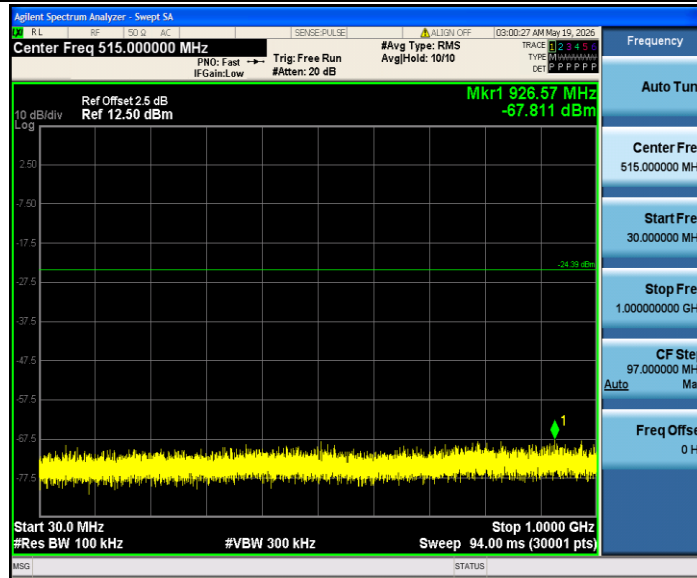
11B_Ant2_2462_1000~26500



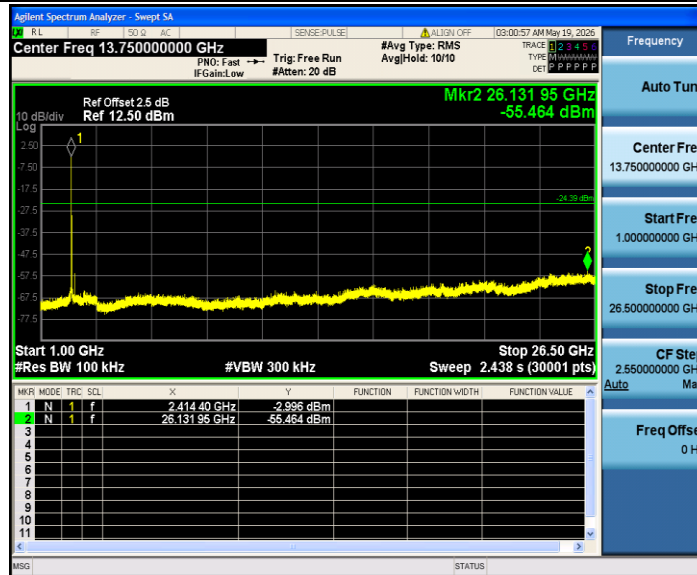
11G_Ant2_2412_0~Reference



11G_Ant2_2412_30~1000



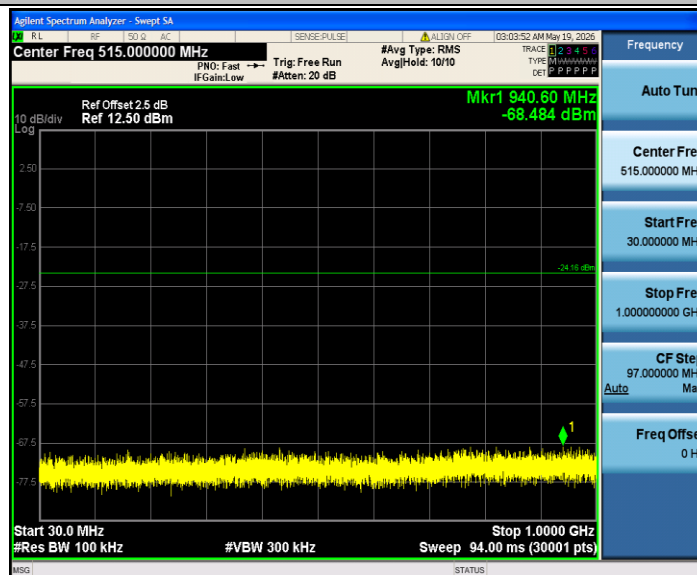
11G_Ant2_2412_1000~26500



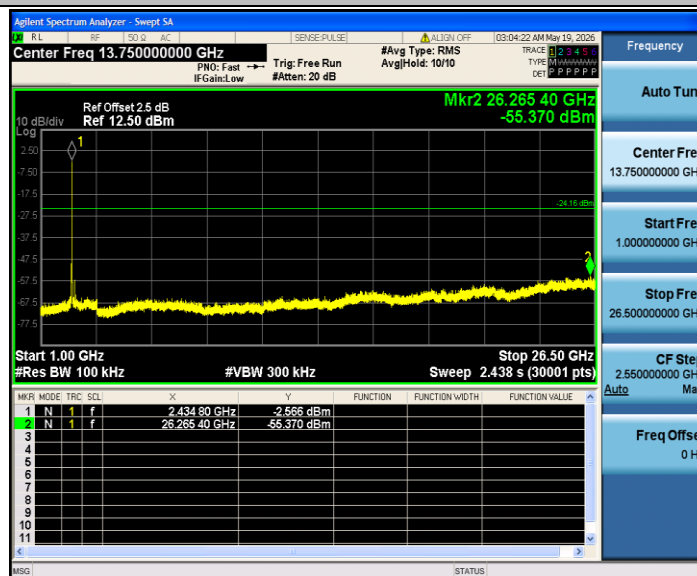
11G_Ant2_2437_0~Reference



11G_Ant2_2437_30~1000



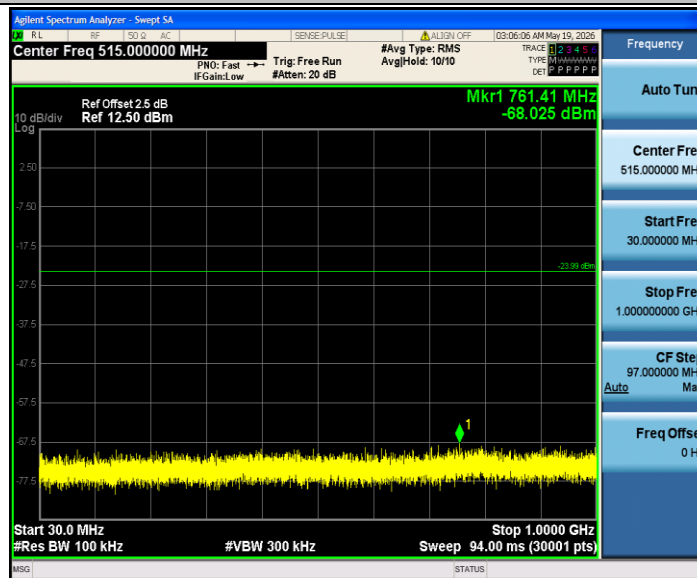
11G_Ant2_2437_1000~26500



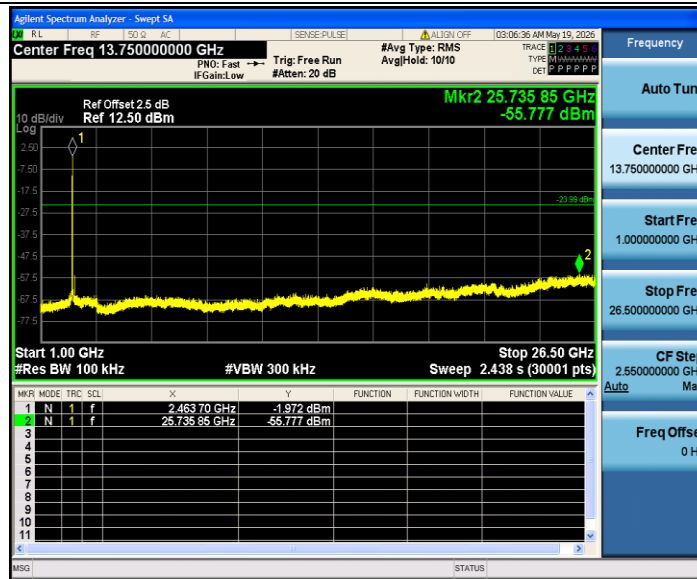
11G_Ant2_2462_0~Reference



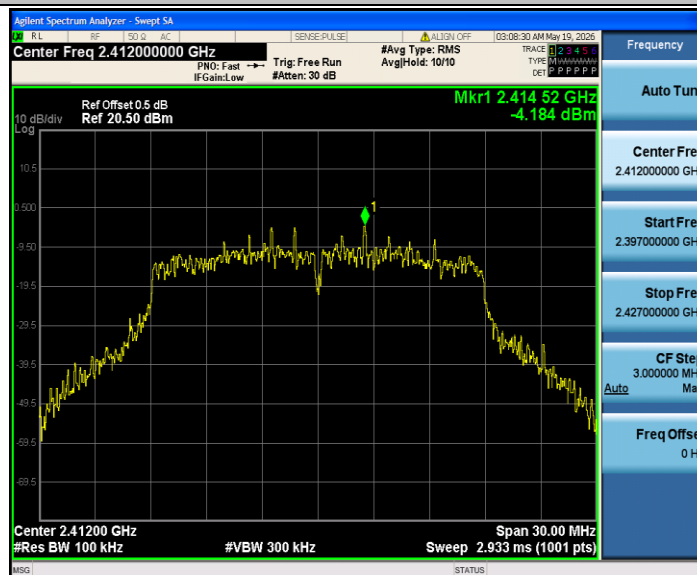
11G_Ant2_2462_30~1000



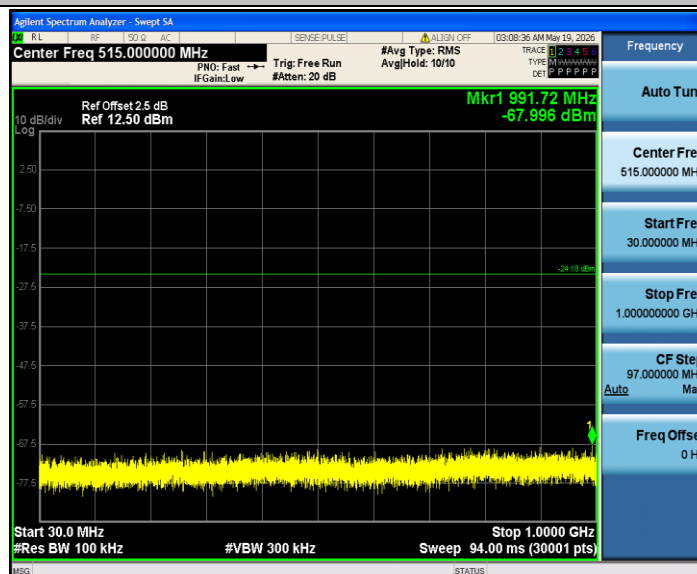
11G_Ant2_2462_1000~26500



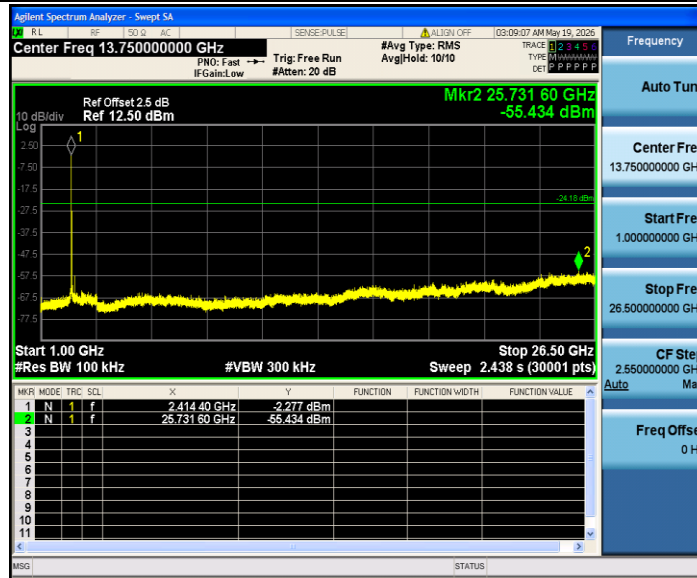
11N20SISO_Ant2_2412_0~Reference



11N20SISO_Ant2_2412_30~1000



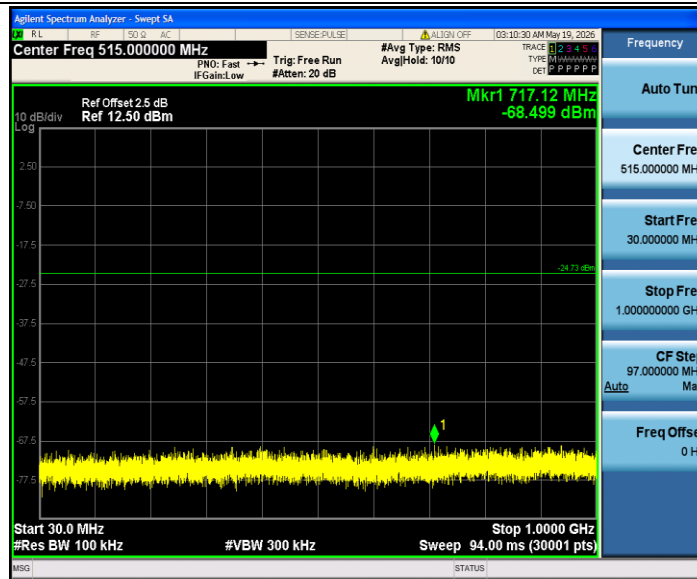
11N20SISO_Ant2_2412_1000~26500



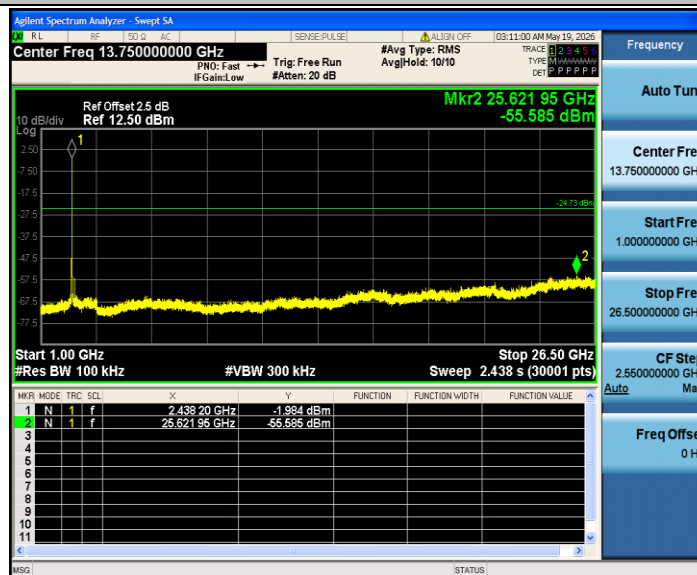
11N20SISO_Ant2_2437_0~Reference



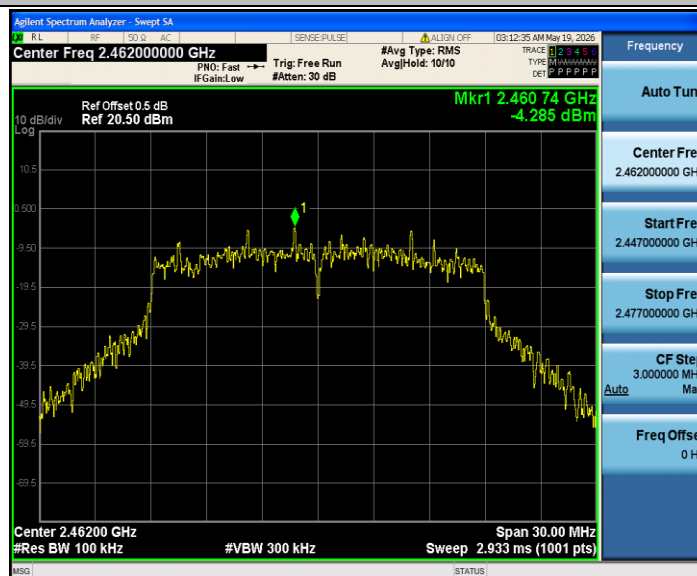
11N20SISO_Ant2_2437_30~1000



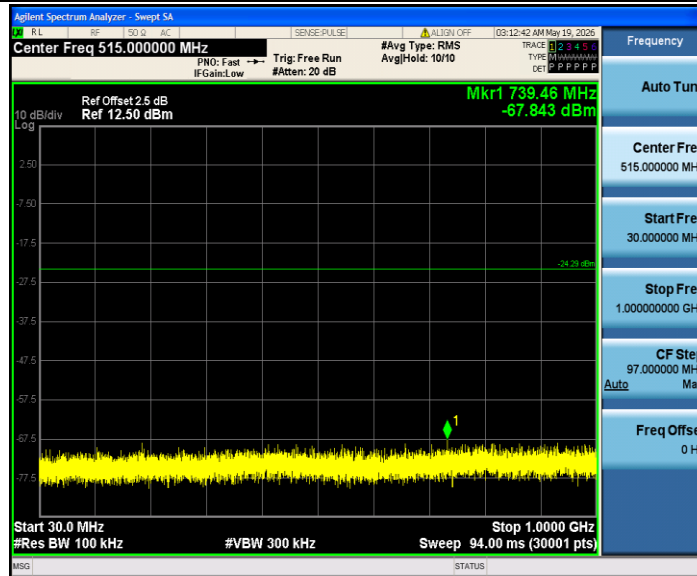
11N20SISO_Ant2_2437_1000~26500



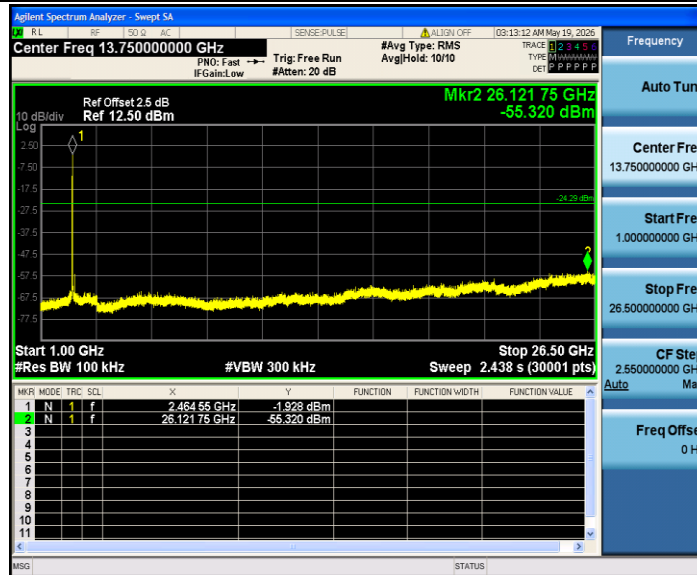
11N20SISO_Ant2_2462_0~Reference



11N20SISO_Ant2_2462_30~1000



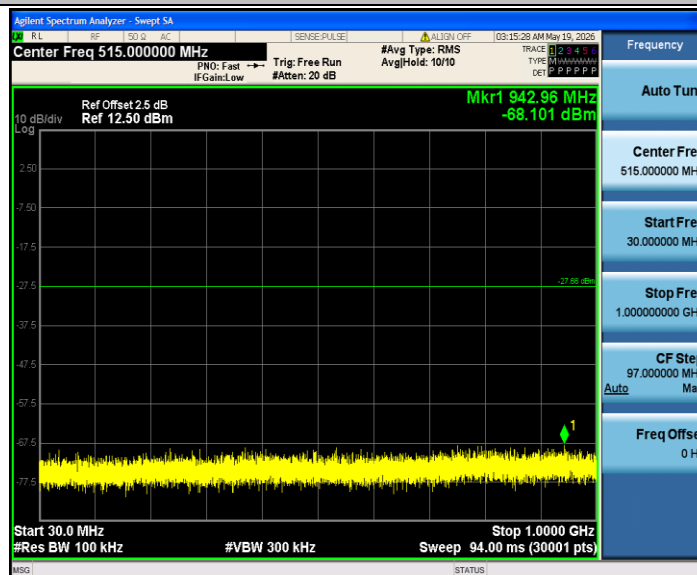
11N20SISO_Ant2_2462_1000~26500



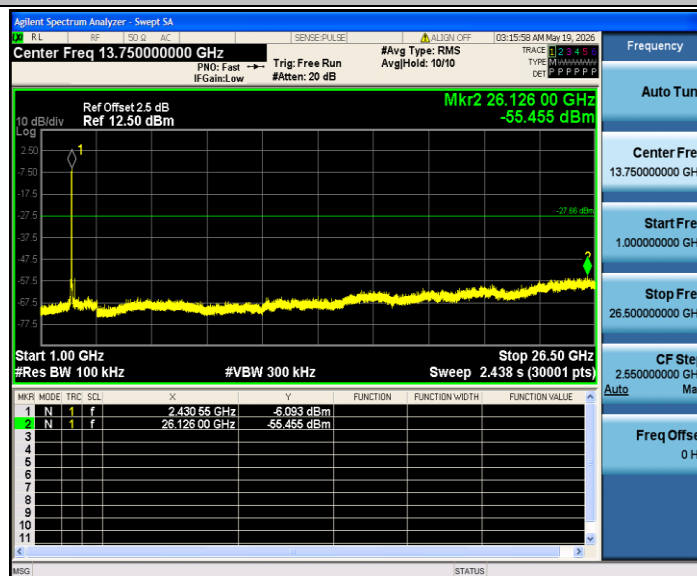
11N40SISO_Ant2_2422_0~Reference



11N40SISO_Ant2_2422_30~1000



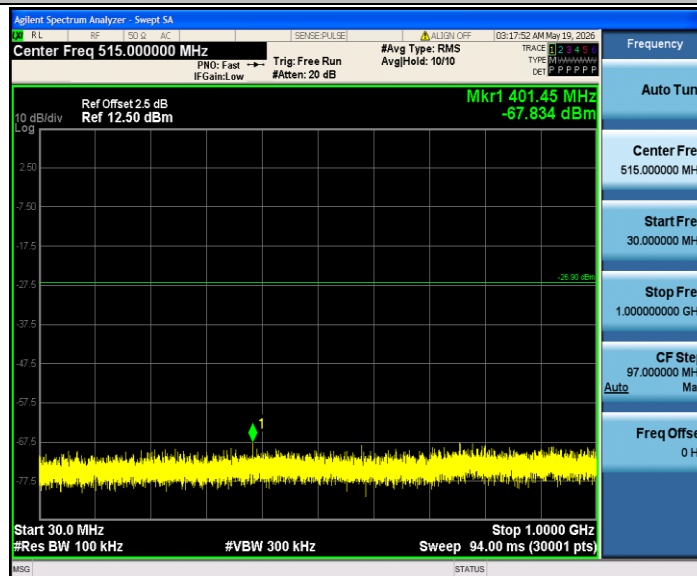
11N40SISO_Ant2_2422_1000~26500



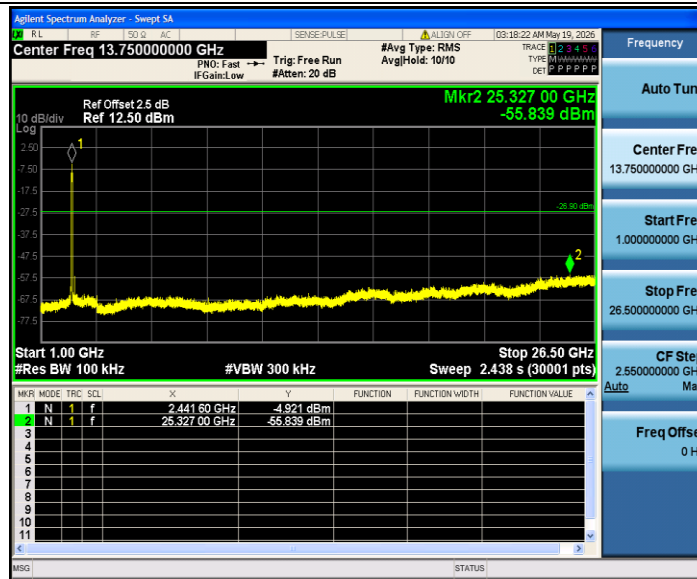
11N40SISO_Ant2_2437_0~Reference



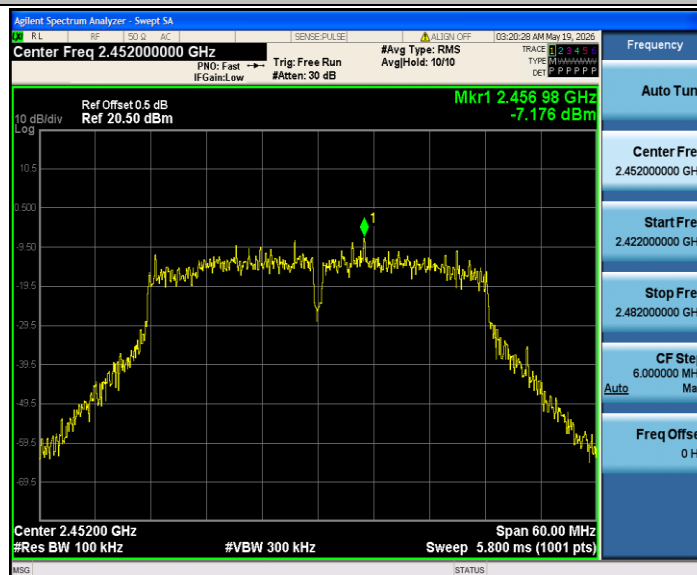
11N40SISO_Ant2_2437_30~1000



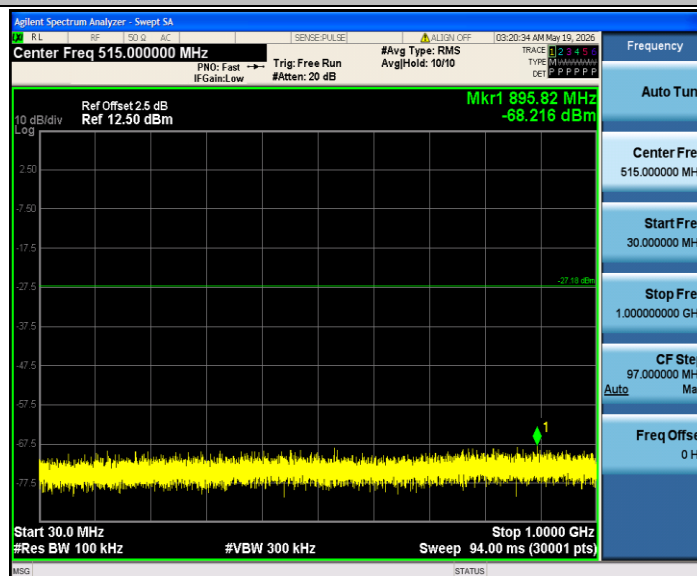
11N40SISO_Ant2_2437_1000~26500



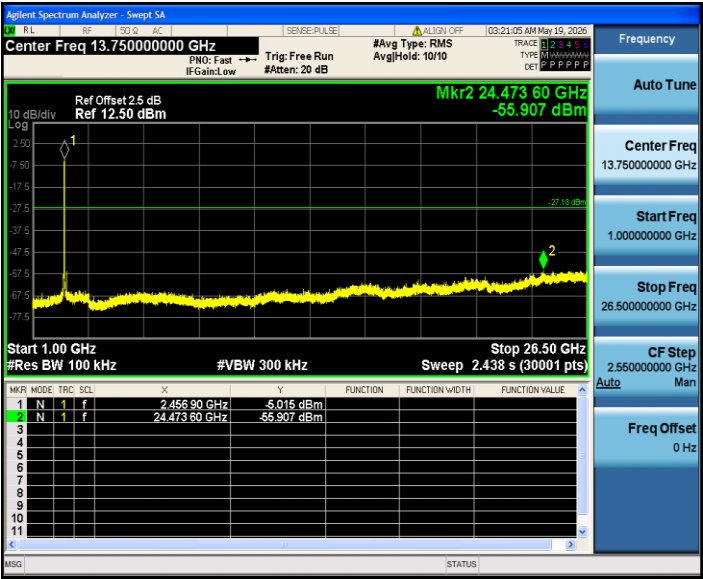
11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000



11N40SISO_Ant2_2452_1000~26500



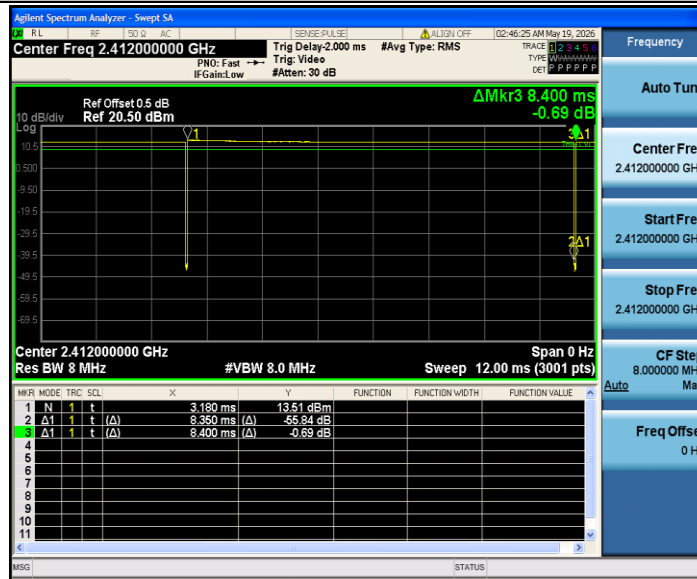
Appendix G: Duty Cycle

Test Result

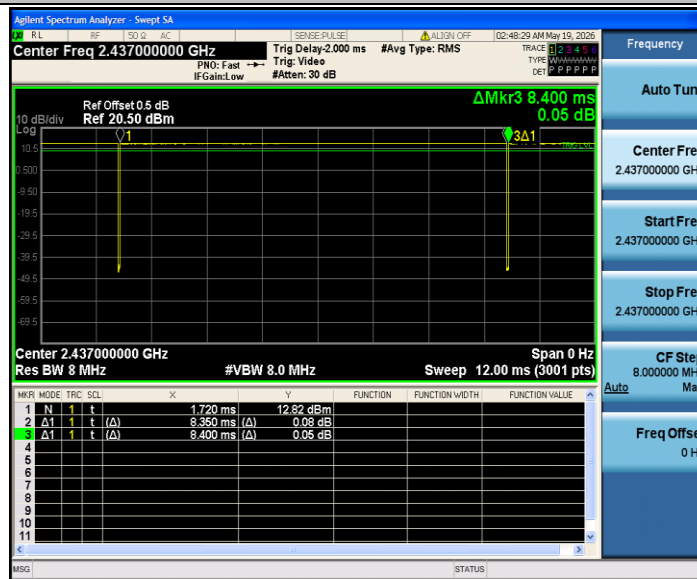
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	T Factor [dB]
11B	Ant2	2412	8.35	8.40	99.40	0.03	0.12
		2437	8.35	8.40	99.40	0.03	0.12
		2462	8.36	8.40	99.52	0.02	0.12
11G	Ant2	2412	0.15	0.20	75.00	1.25	6.67
		2437	0.15	0.20	75.00	1.25	6.67
		2462	0.15	0.20	75.00	1.25	6.67
11N20SISO	Ant2	2412	0.18	0.23	78.26	1.06	5.56
		2437	0.18	0.22	81.82	0.87	5.56
		2462	0.17	0.22	77.27	1.12	5.88
11N40SISO	Ant2	2422	0.18	0.22	81.82	0.87	5.56
		2437	0.18	0.23	78.26	1.06	5.56
		2452	0.18	0.22	81.82	0.87	5.56

Test Graphs

11B_Ant2_2412



11B_Ant2_2437



11B_Ant2_2462