

Appendix Test Data for WLAN(2.4G) (Conducted Measurement)

Product Name: TABLET

Trade Mark: FLY

Test Model: GOPAD

FCC ID: 2BCQ3-GOPAD

Environmental Conditions

Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

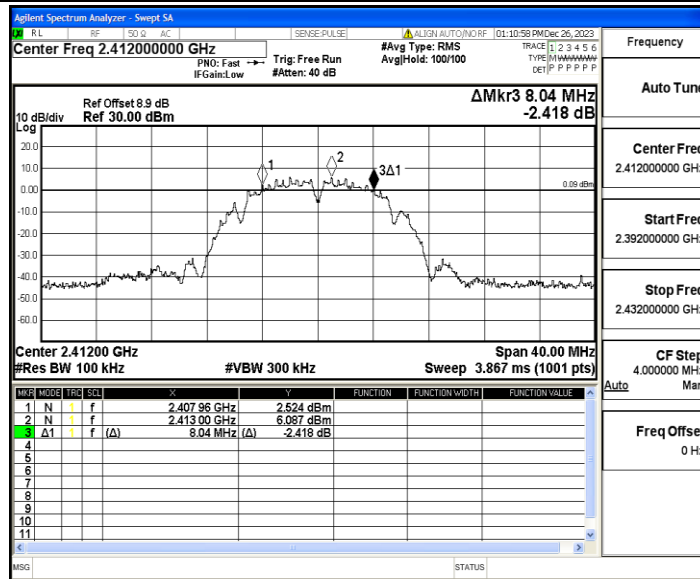
Appendix A: DTS Bandwidth

Test Result

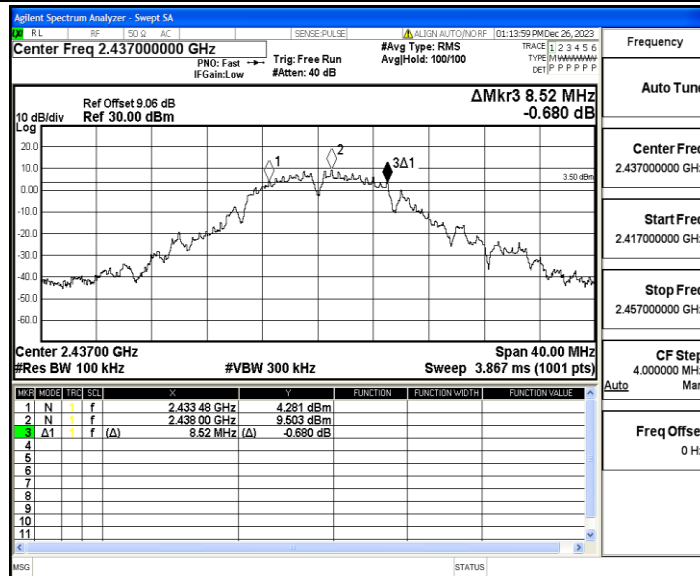
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.040	2407.960	2416.000	0.5	PASS
		2437	8.520	2433.480	2442.000	0.5	PASS
		2462	8.560	2457.440	2466.000	0.5	PASS
11G	Ant1	2412	15.680	2404.480	2420.160	0.5	PASS
		2437	15.640	2428.800	2444.440	0.5	PASS
		2462	15.680	2454.480	2470.160	0.5	PASS
11N20SISO	Ant1	2412	13.760	2406.920	2420.680	0.5	PASS
		2437	16.440	2428.240	2444.680	0.5	PASS
		2462	16.320	2454.440	2470.760	0.5	PASS
11N40SISO	Ant1	2422	35.280	2404.480	2439.760	0.5	PASS
		2437	23.680	2428.280	2451.960	0.5	PASS
		2452	23.920	2434.400	2458.320	0.5	PASS

Test Graphs

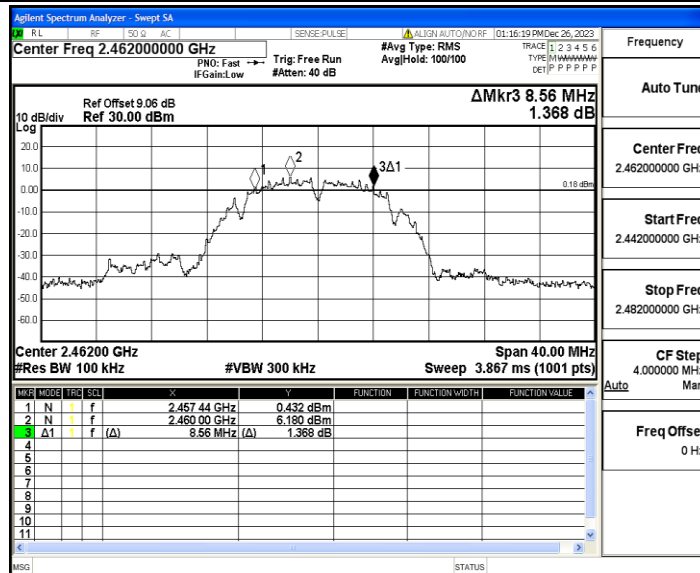
11B_Ant1_2412



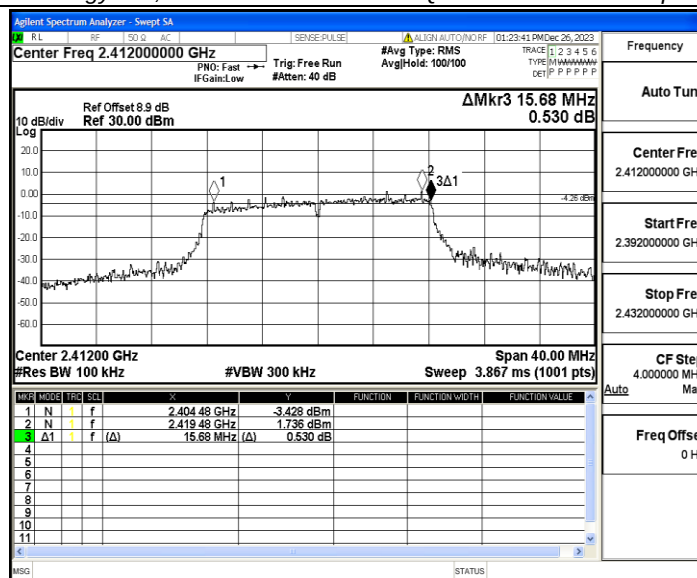
11B_Ant1_2437



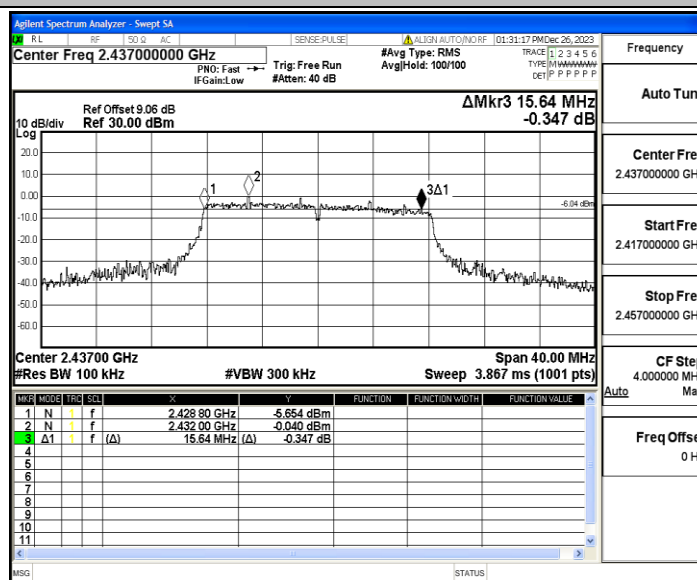
11B_Ant1_2462



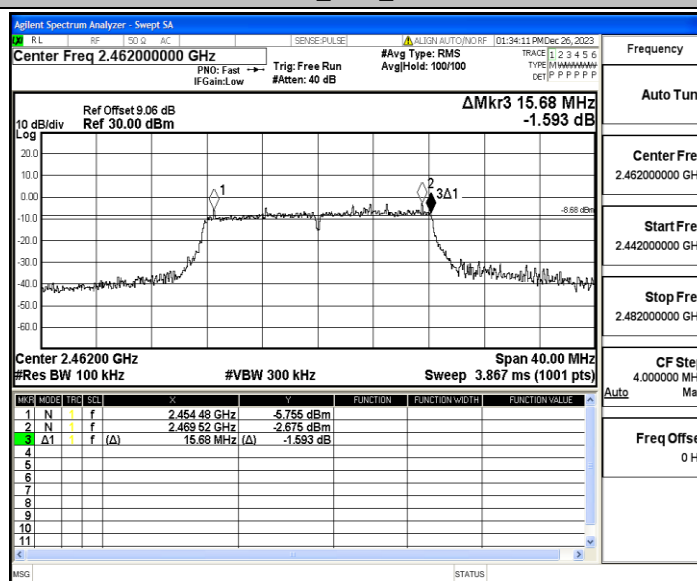
11G_Ant1_2412



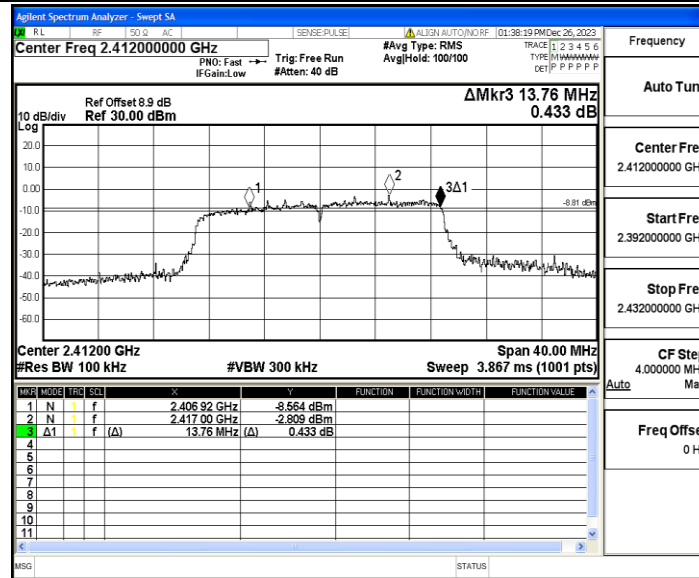
11G_Ant1_2437



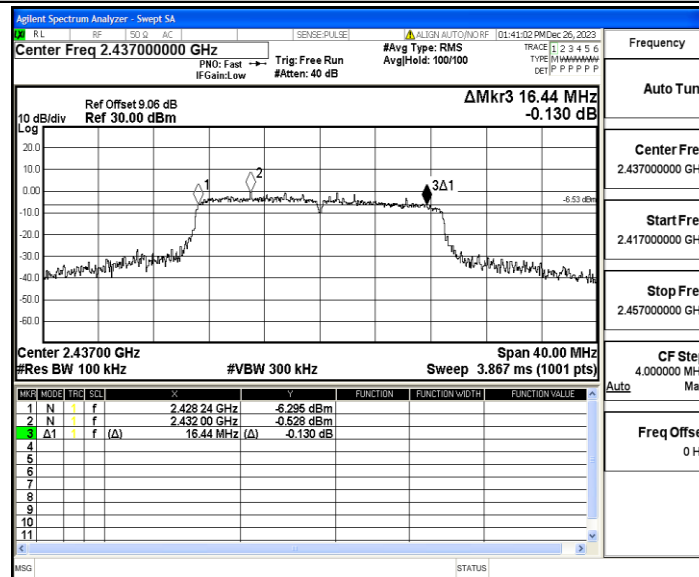
11G_Ant1_2462



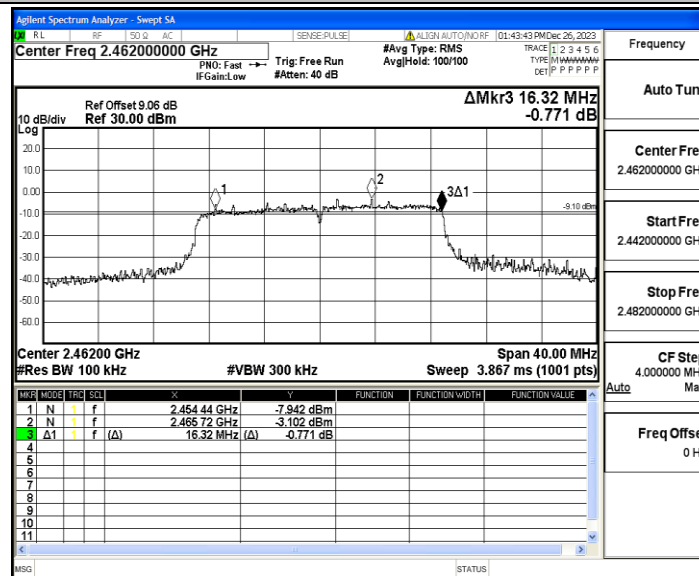
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



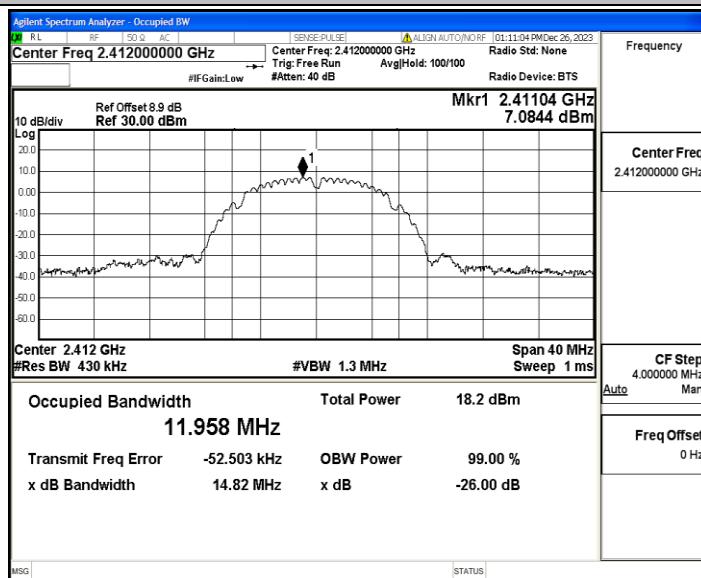
Appendix B: Occupied Channel Bandwidth

Test Result

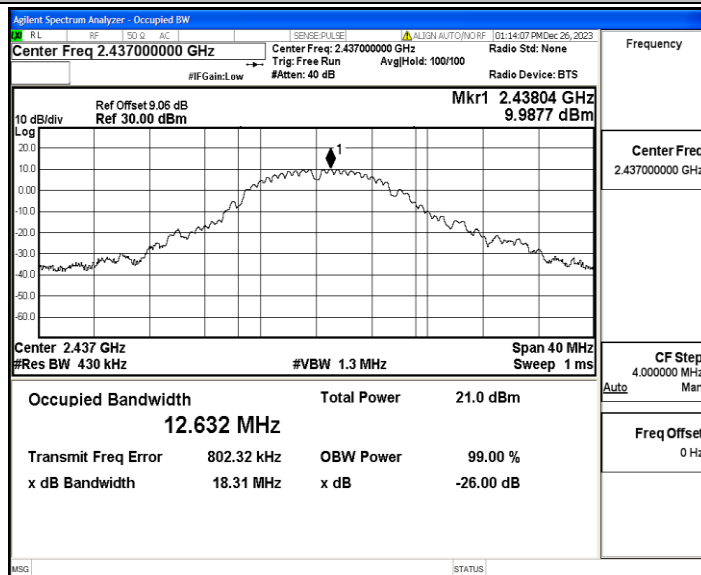
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.958	2405.9685	2417.9265	---	---
		2437	12.632	2431.4863	2444.1183	---	---
		2462	12.240	2455.7273	2467.9673	---	---
11G	Ant1	2412	16.765	2403.8909	2420.6559	---	---
		2437	16.878	2428.4421	2445.3201	---	---
		2462	16.901	2453.7716	2470.6726	---	---
11N20SISO	Ant1	2412	17.715	2403.4224	2421.1374	---	---
		2437	17.760	2428.0433	2445.8033	---	---
		2462	17.820	2453.2917	2471.1117	---	---
11N40SISO	Ant1	2422	36.688	2403.9531	2440.6411	---	---
		2437	35.406	2419.5196	2454.9256	---	---
		2452	35.618	2433.9235	2469.5415	---	---

Test Graphs

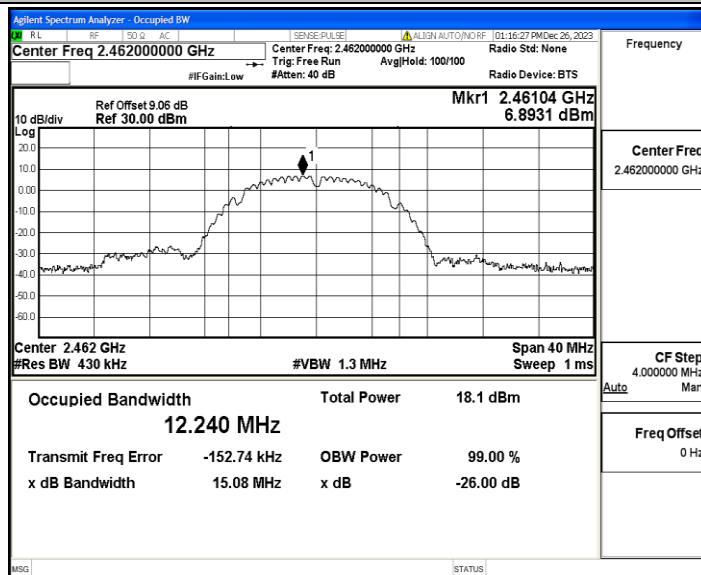
11B_Ant1_2412



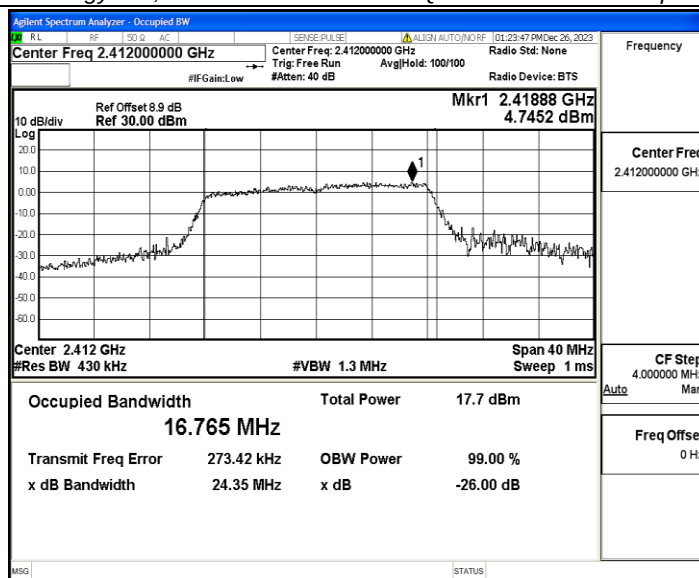
11B_Ant1_2437



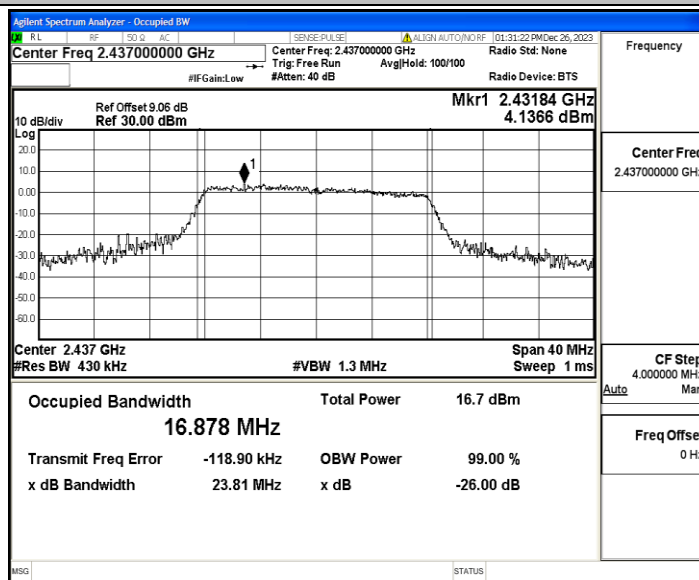
11B_Ant1_2462



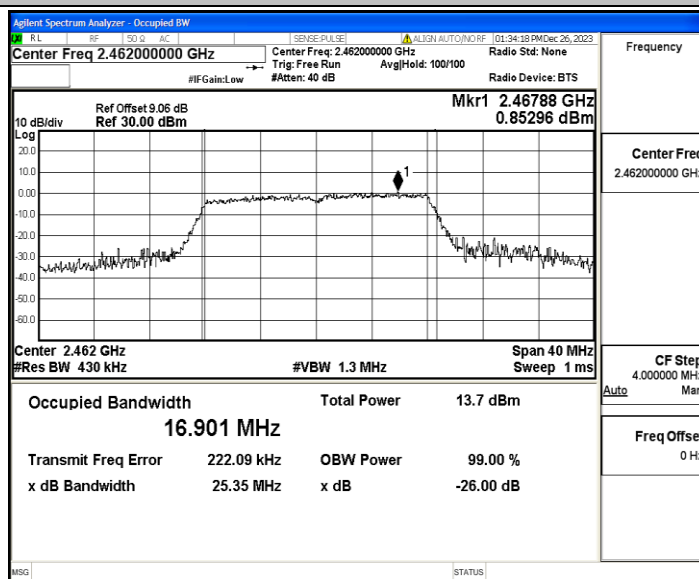
11G_Ant1_2412



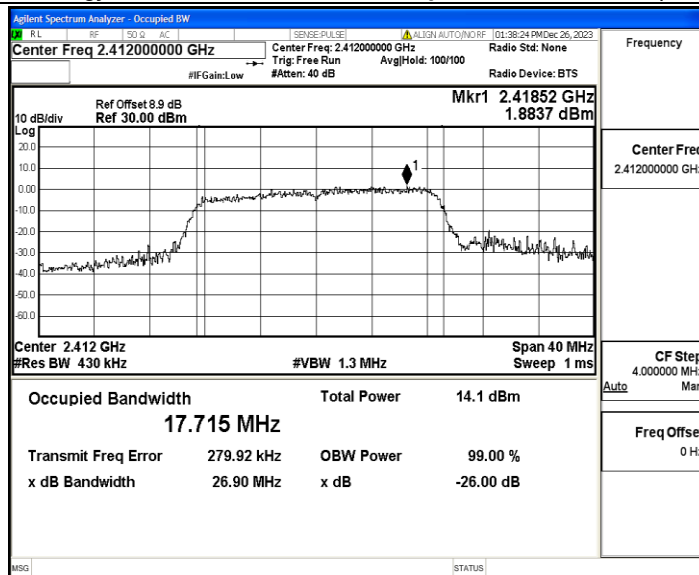
11G_Ant1_2437



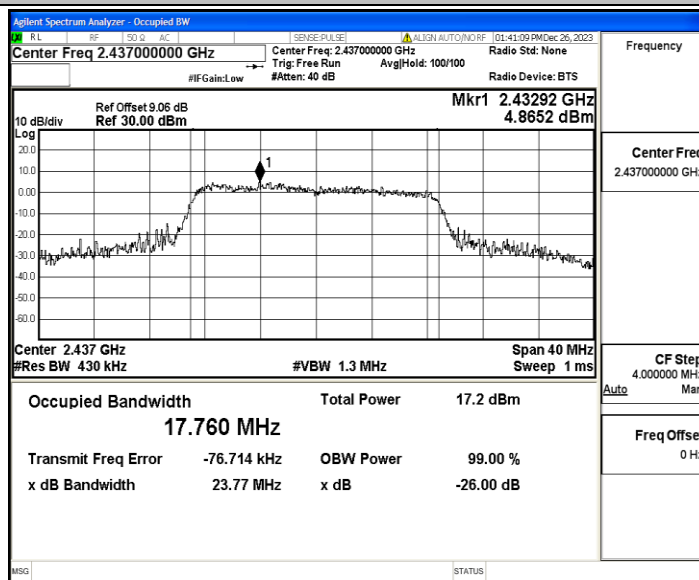
11G_Ant1_2462



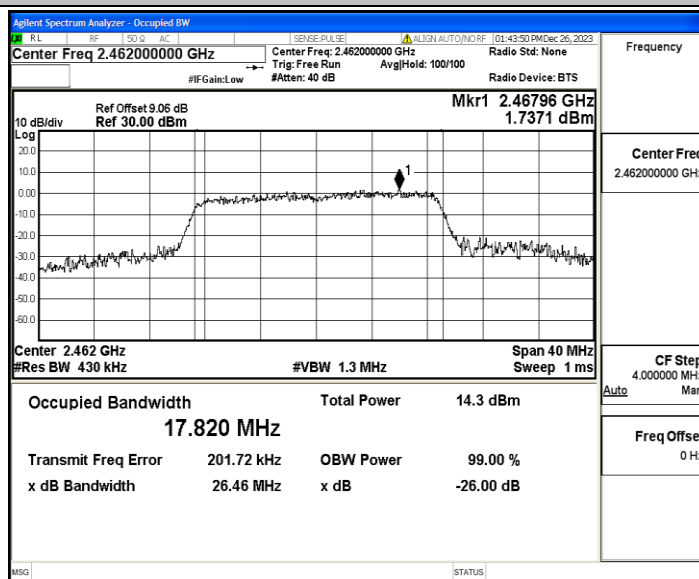
11N20SISO_Ant1_2412



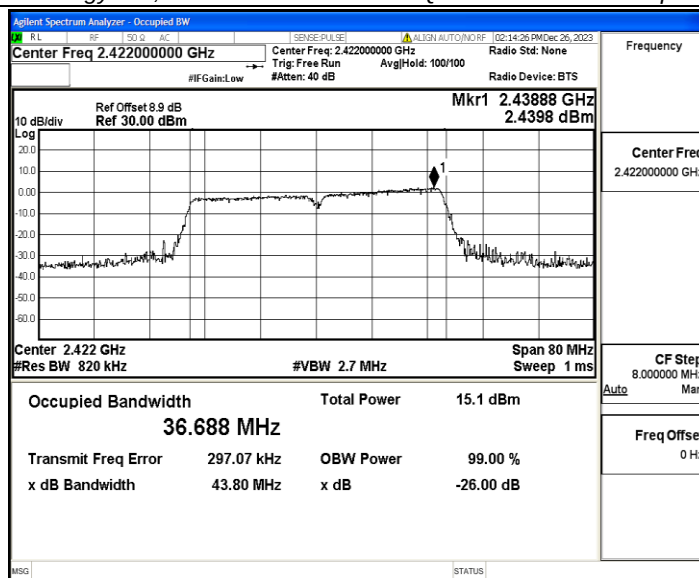
11N20SISO_Ant1_2437



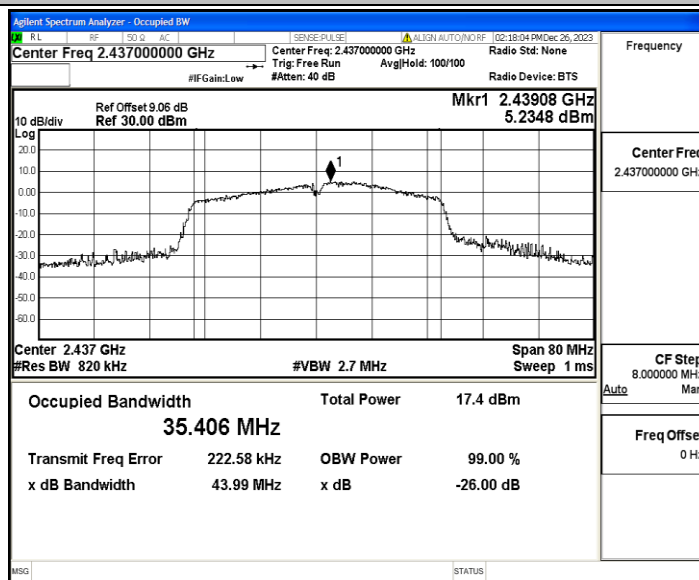
11N20SISO_Ant1_2462



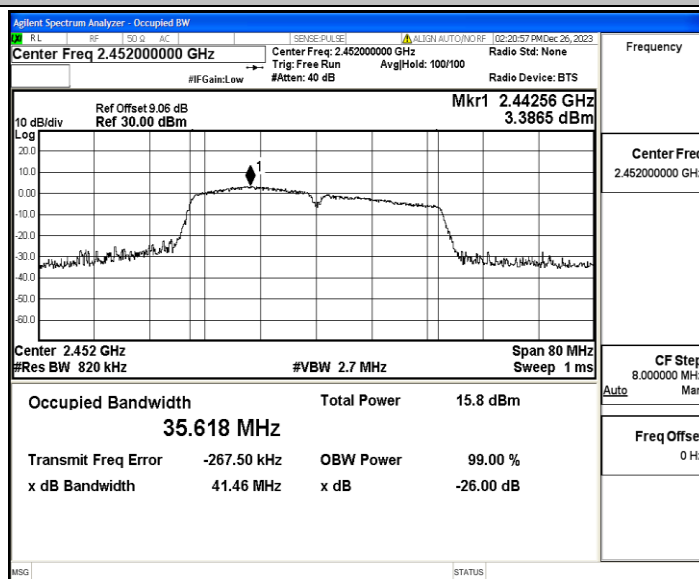
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.48	≤30.00	PASS
		2437	18.12	≤30.00	PASS
		2462	15.23	≤30.00	PASS
11G	Ant1	2412	7.16	≤30.00	PASS
		2437	10.67	≤30.00	PASS
		2462	7.77	≤30.00	PASS
11N20SISO	Ant1	2412	7.87	≤30.00	PASS
		2437	10.89	≤30.00	PASS
		2462	8.02	≤30.00	PASS
11N40SISO	Ant1	2422	7.66	≤30.00	PASS
		2437	7.72	≤30.00	PASS
		2452	8.67	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.

Appendix D: Maximum power spectral density

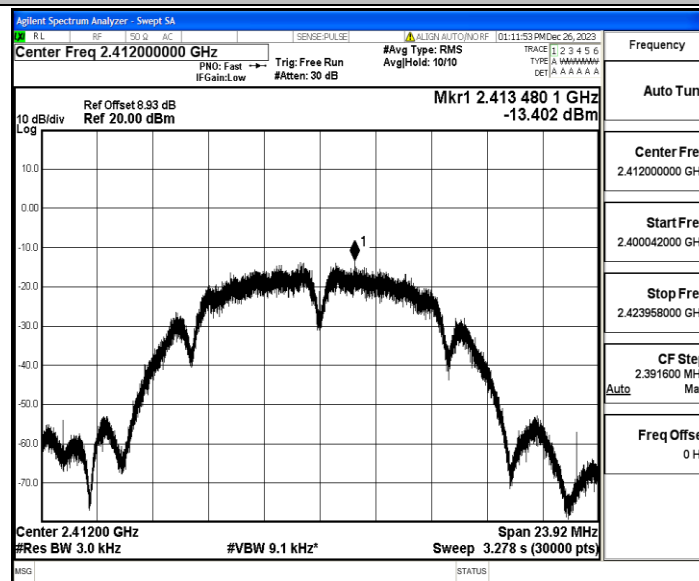
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.4	≤8.00	PASS
		2437	-10.64	≤8.00	PASS
		2462	-14.02	≤8.00	PASS
11G	Ant1	2412	-23.54	≤8.00	PASS
		2437	-19.87	≤8.00	PASS
		2462	-23.92	≤8.00	PASS
11N20SISO	Ant1	2412	-24.19	≤8.00	PASS
		2437	-20.62	≤8.00	PASS
		2462	-24.43	≤8.00	PASS
11N40SISO	Ant1	2422	-25.02	≤8.00	PASS
		2437	-23.94	≤8.00	PASS
		2452	-25.45	≤8.00	PASS

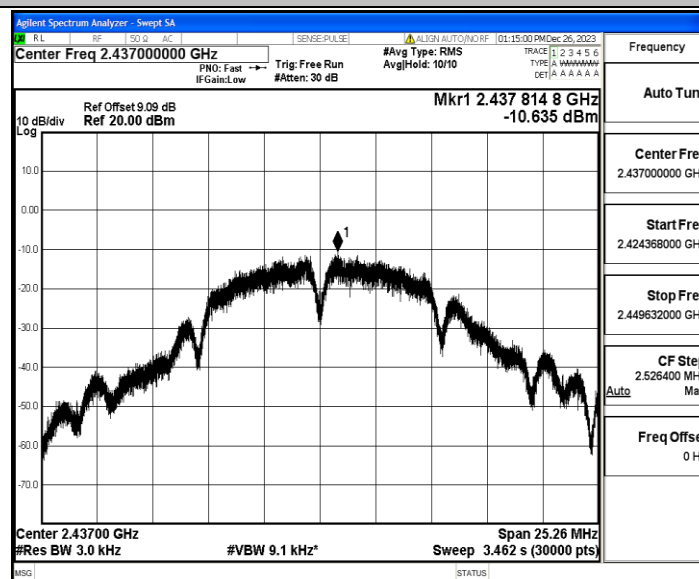
Note: The Duty Cycle Factor is compensated in the test result.

Test Graphs

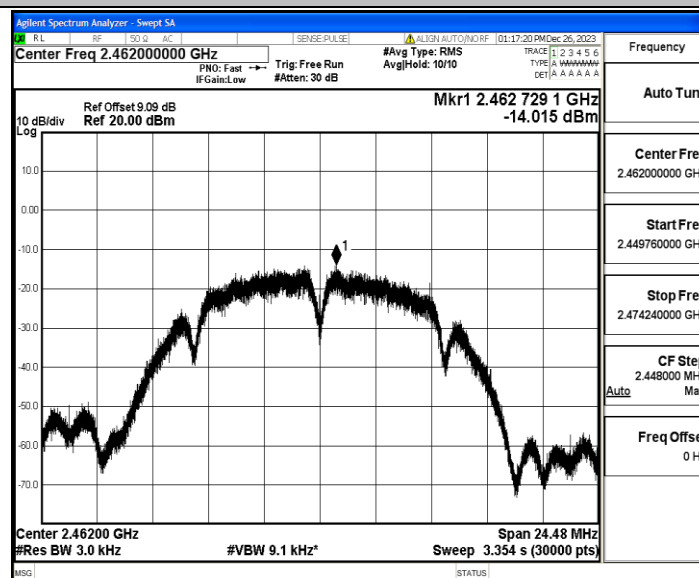
11B_Ant1_2412



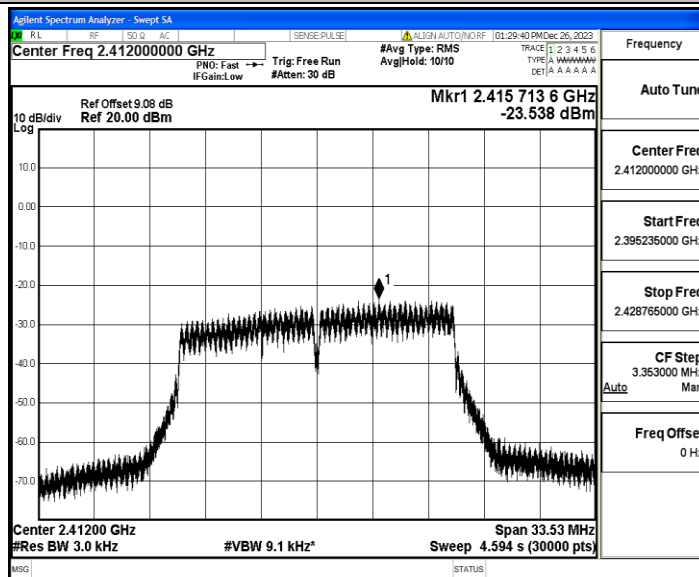
11B_Ant1_2437



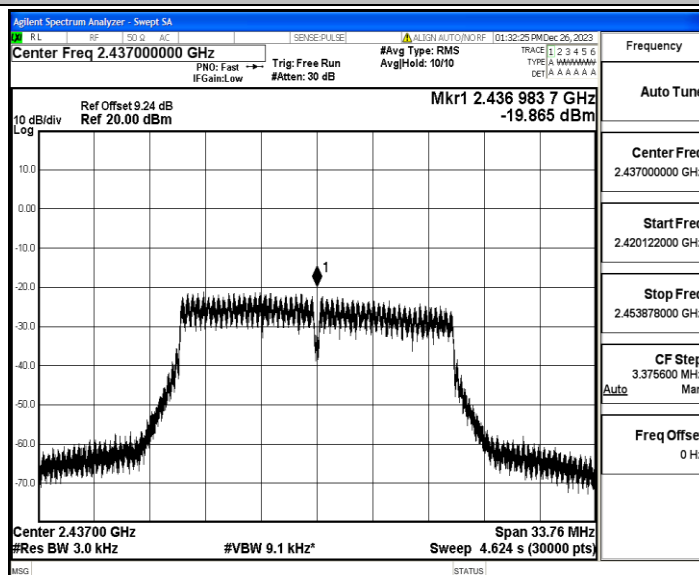
11B_Ant1_2462



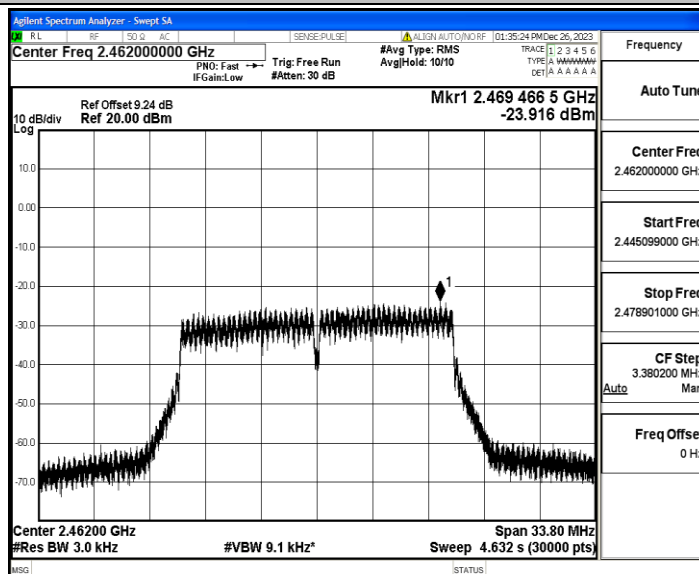
11G_Ant1_2412



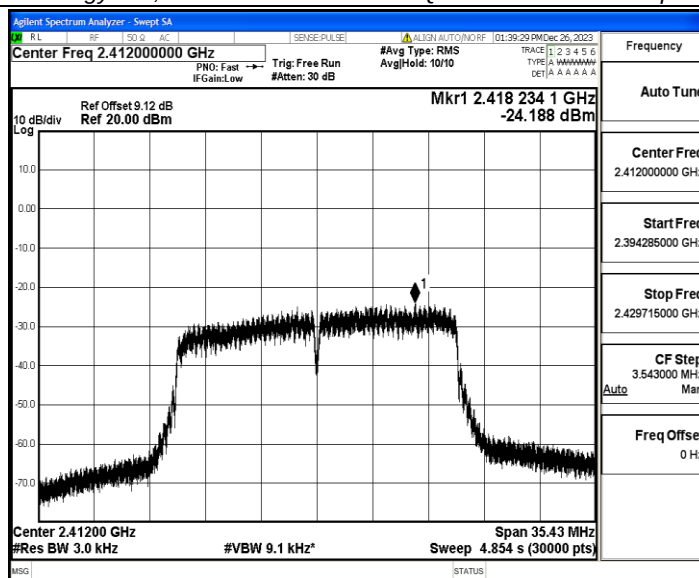
11G_Ant1_2437



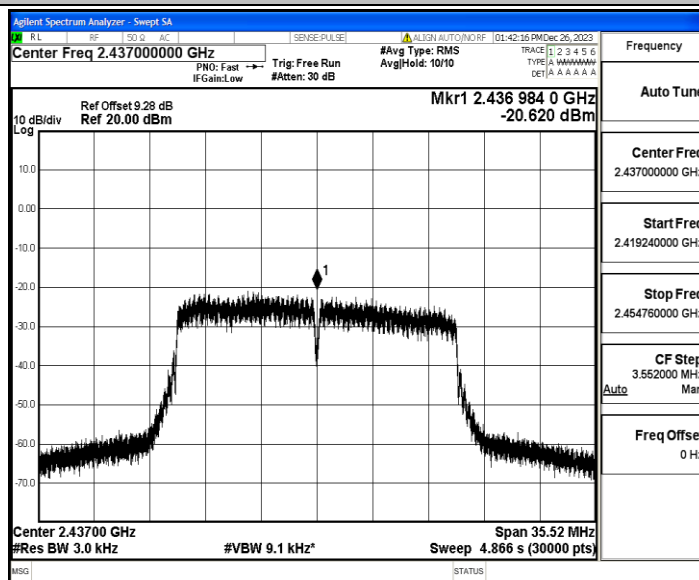
11G_Ant1_2462



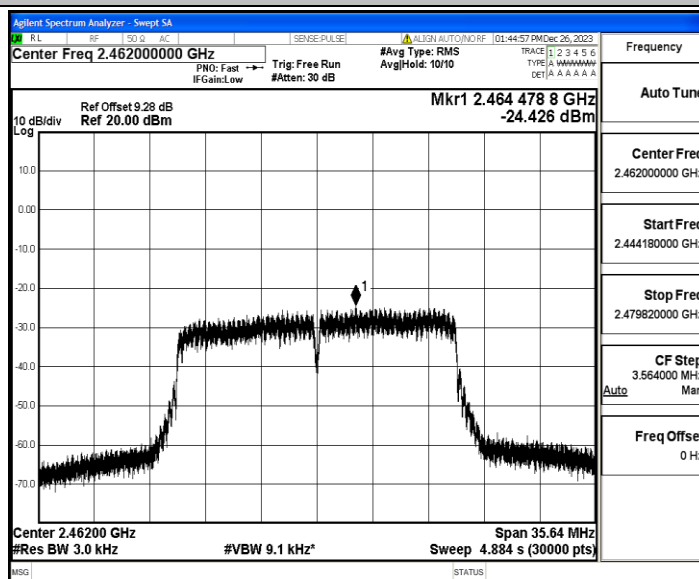
11N20SISO_Ant1_2412



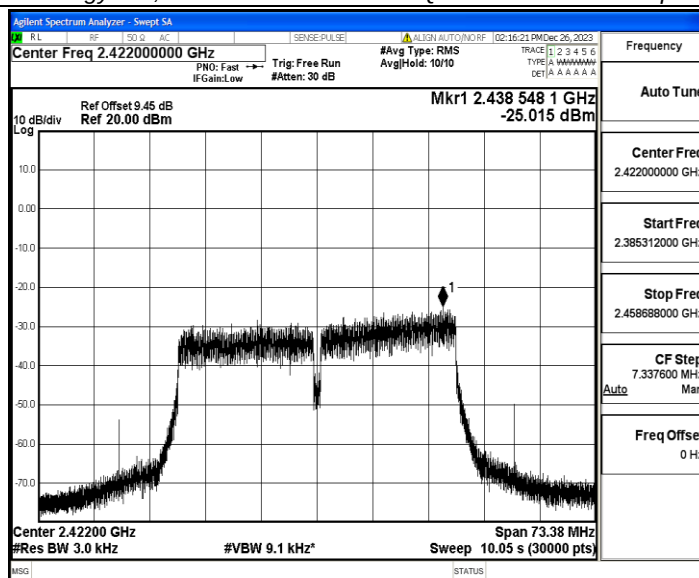
11N20SISO_Ant1_2437



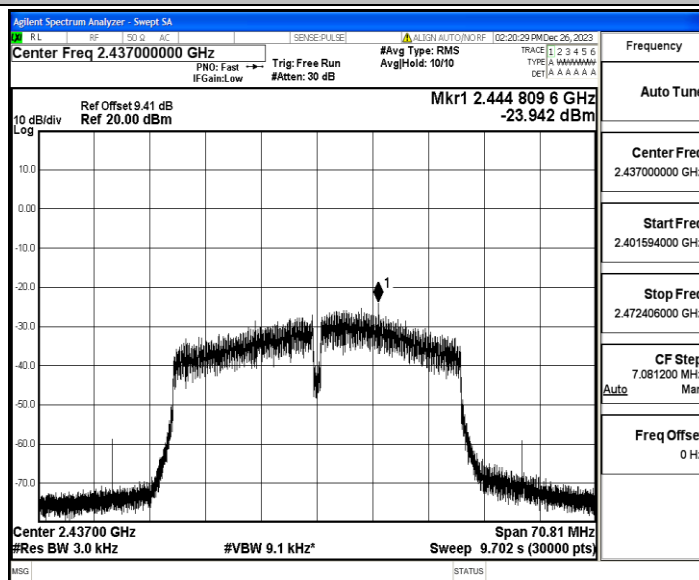
11N20SISO_Ant1_2462



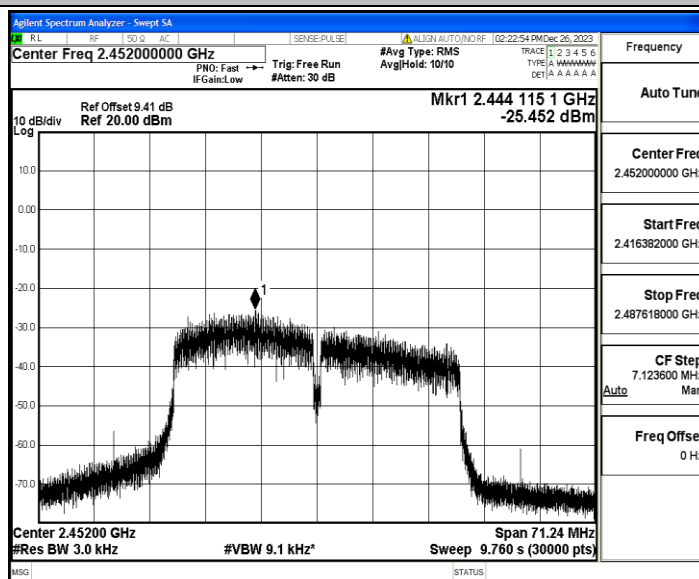
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



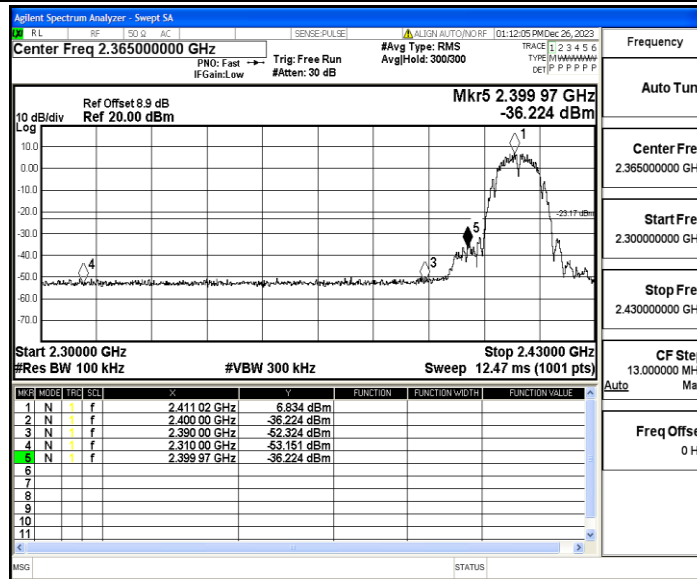
Appendix E: Band edge measurements

Test Result

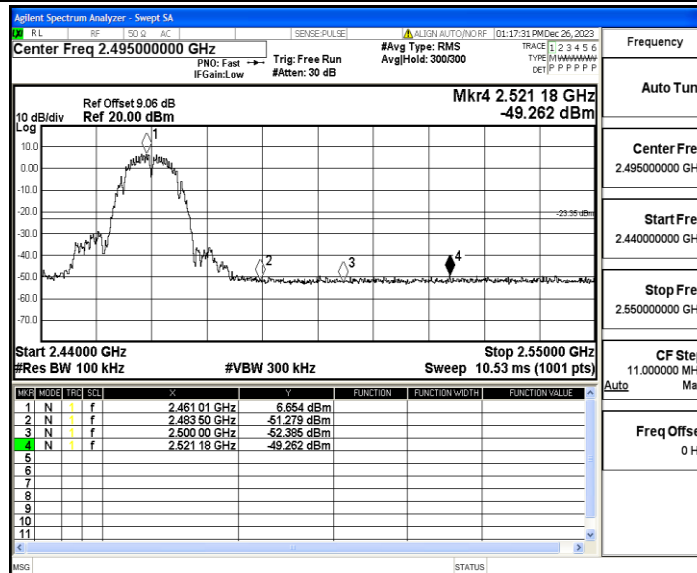
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.83	-36.22	≤ -23.17	PASS
		High	2462	6.65	-49.26	≤ -23.35	PASS
11G	Ant1	Low	2412	-2.36	-37.37	≤ -32.36	PASS
		High	2462	-3.29	-43.16	≤ -33.29	PASS
11N20SISO	Ant1	Low	2412	-2.44	-36.94	≤ -32.44	PASS
		High	2462	-3.10	-41.17	≤ -33.1	PASS
11N40SISO	Ant1	Low	2422	-7.94	-41.07	≤ -37.94	PASS
		High	2452	-2.46	-41.91	≤ -32.46	PASS

Test Graphs

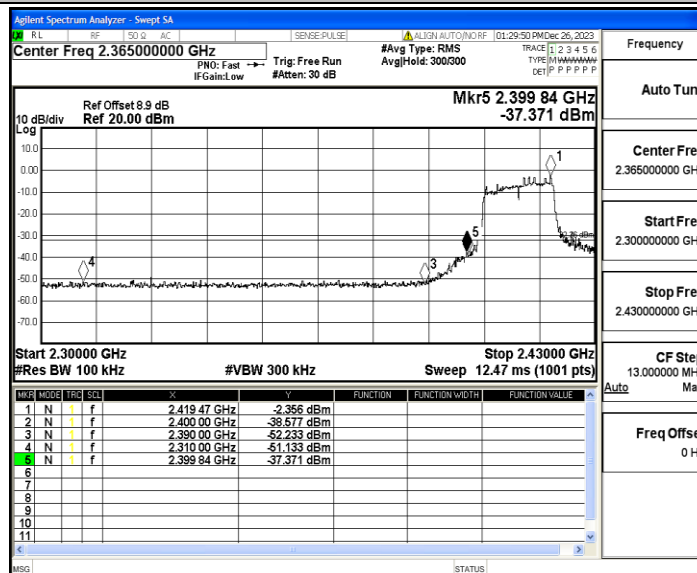
11B_Ant1_Low_2412



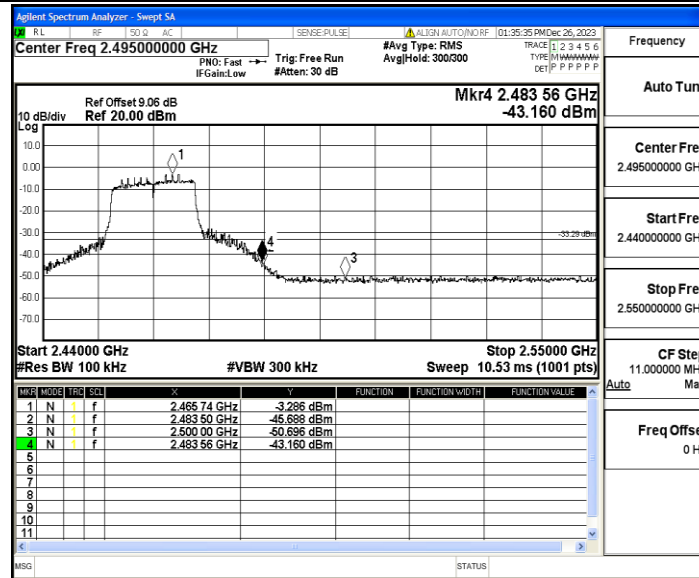
11B_Ant1_High_2462



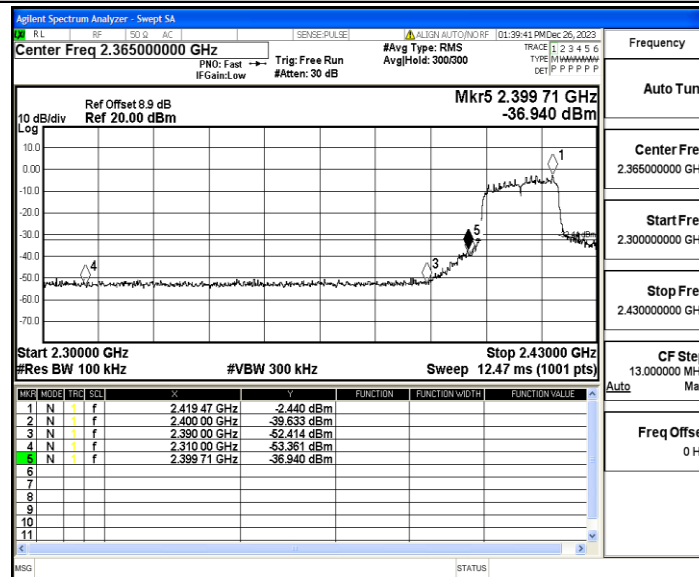
11G_Ant1_Low_2412



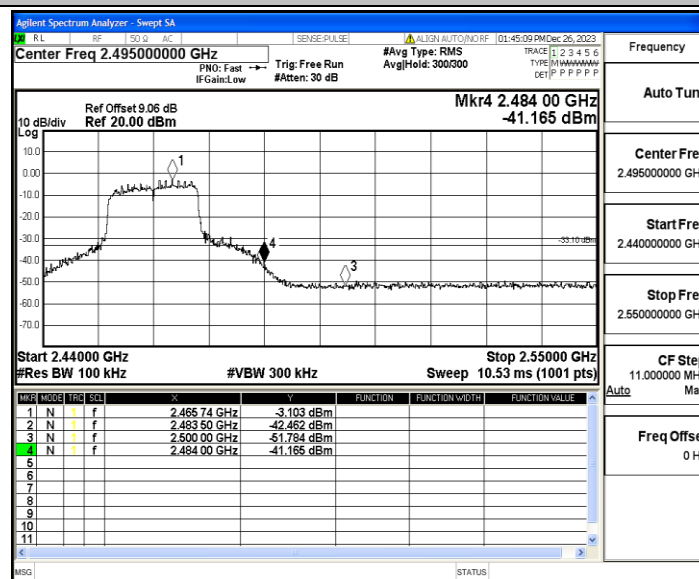
11G_Ant1_High_2462



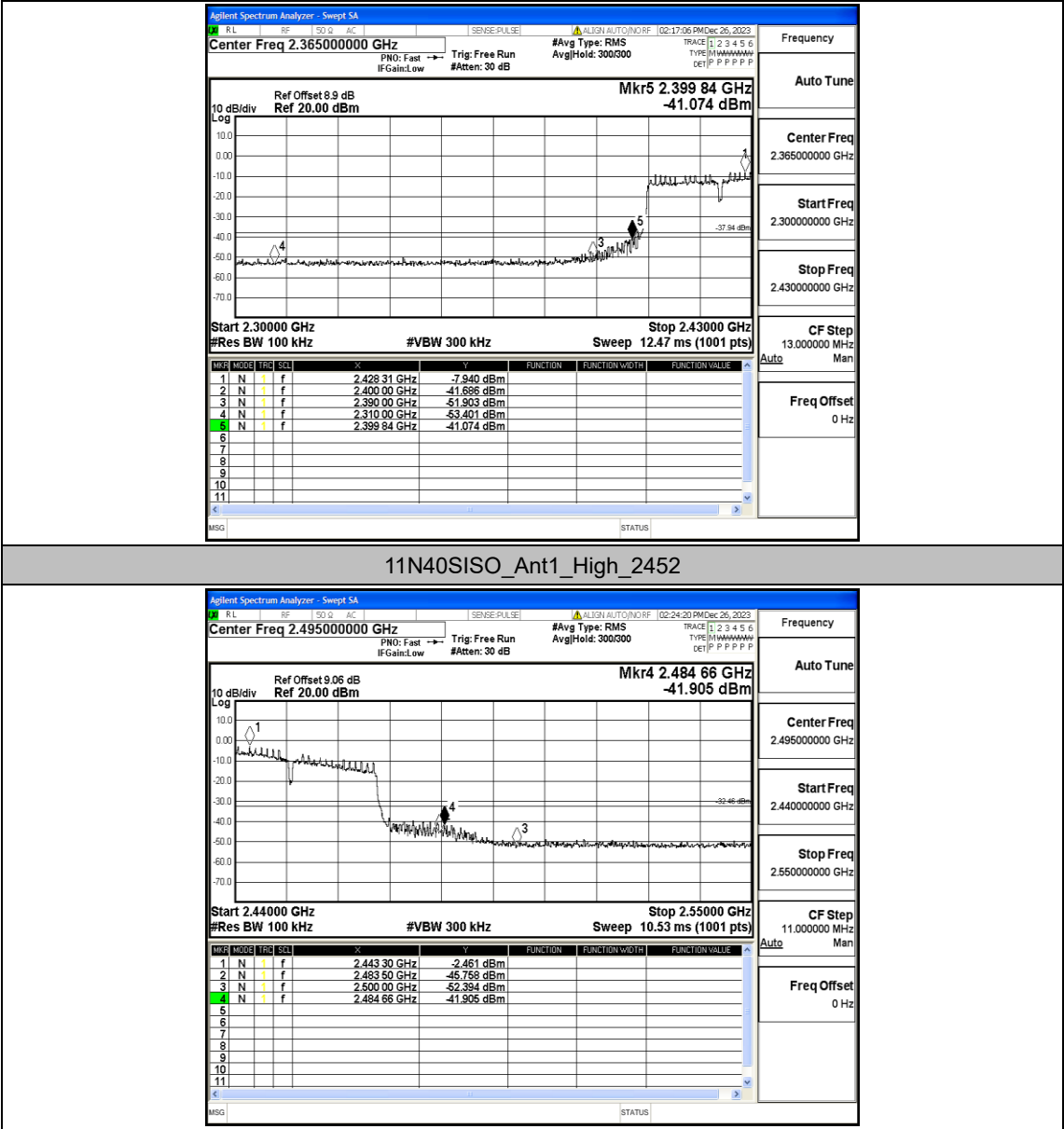
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



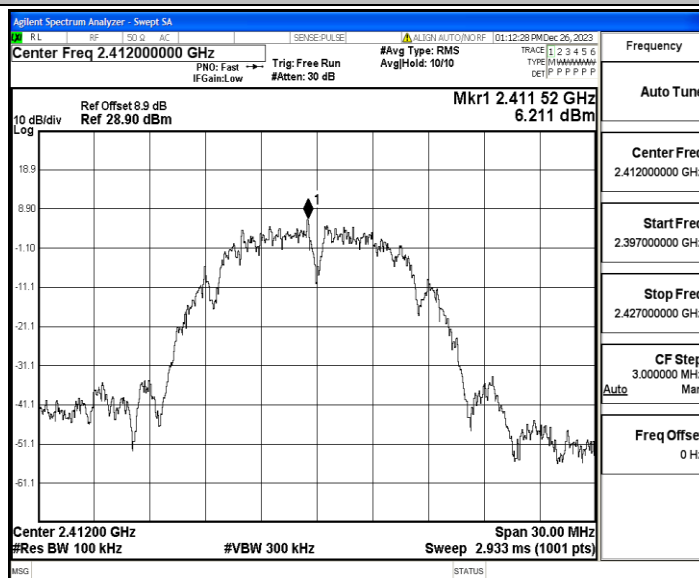
Appendix F: Conducted Spurious Emission

Test Result

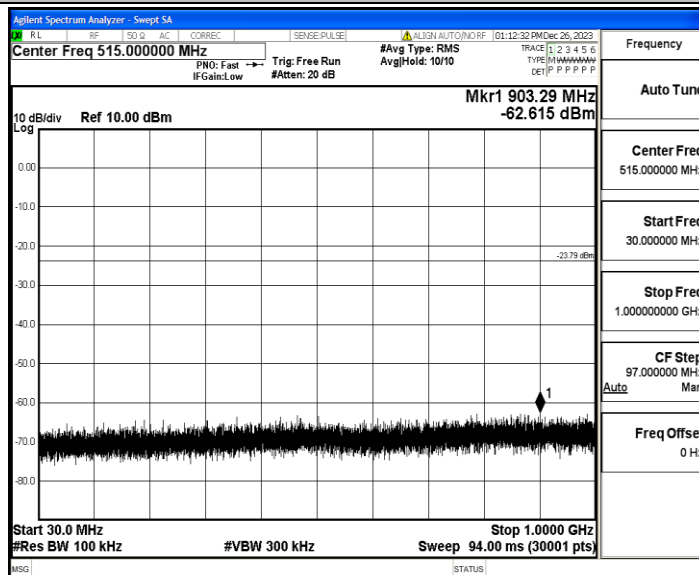
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.21	6.21	---	PASS
			30~1000	6.21	-62.62	≤-23.79	PASS
			1000~26500	6.21	-50.19	≤-23.79	PASS
		2437	Reference	8.57	8.57	---	PASS
			30~1000	8.57	-62.33	≤-21.43	PASS
			1000~26500	8.57	-50.67	≤-21.43	PASS
		2462	Reference	6.12	6.12	---	PASS
			30~1000	6.12	-62.82	≤-23.88	PASS
			1000~26500	6.12	-50.1	≤-23.88	PASS
11G	Ant1	2412	Reference	-5.32	-5.32	---	PASS
			30~1000	-5.32	-62.66	≤-35.32	PASS
			1000~26500	-5.32	-50.83	≤-35.32	PASS
		2437	Reference	0.07	0.07	---	PASS
			30~1000	0.07	-62.43	≤-29.93	PASS
			1000~26500	0.07	-50.9	≤-29.93	PASS
		2462	Reference	-4.98	-4.98	---	PASS
			30~1000	-4.98	-62.09	≤-34.98	PASS
			1000~26500	-4.98	-50.46	≤-34.98	PASS
11N20SISO	Ant1	2412	Reference	-5.40	-5.40	---	PASS
			30~1000	-5.40	-62.56	≤-35.4	PASS
			1000~26500	-5.40	-50.83	≤-35.4	PASS
		2437	Reference	-0.31	-0.31	---	PASS
			30~1000	-0.31	-62.27	≤-30.31	PASS
			1000~26500	-0.31	-50.56	≤-30.31	PASS
		2462	Reference	-5.25	-5.25	---	PASS
			30~1000	-5.25	-62.51	≤-35.25	PASS
			1000~26500	-5.25	-51.09	≤-35.25	PASS
11N40SISO	Ant1	2422	Reference	-8.23	-8.23	---	PASS
			30~1000	-8.23	-62.25	≤-38.23	PASS
			1000~26500	-8.23	-50.49	≤-38.23	PASS
		2437	Reference	-4.85	-4.85	---	PASS
			30~1000	-4.85	-62.05	≤-34.85	PASS
			1000~26500	-4.85	-50.97	≤-34.85	PASS
		2452	Reference	-5.02	-5.02	---	PASS
			30~1000	-5.02	-62.04	≤-35.02	PASS
			1000~26500	-5.02	-50.03	≤-35.02	PASS

Test Graphs

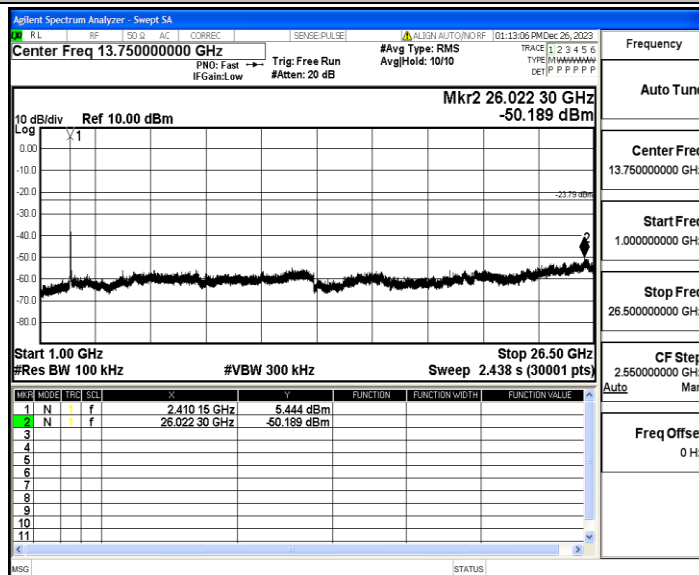
11B_Ant1_2412_0~Reference



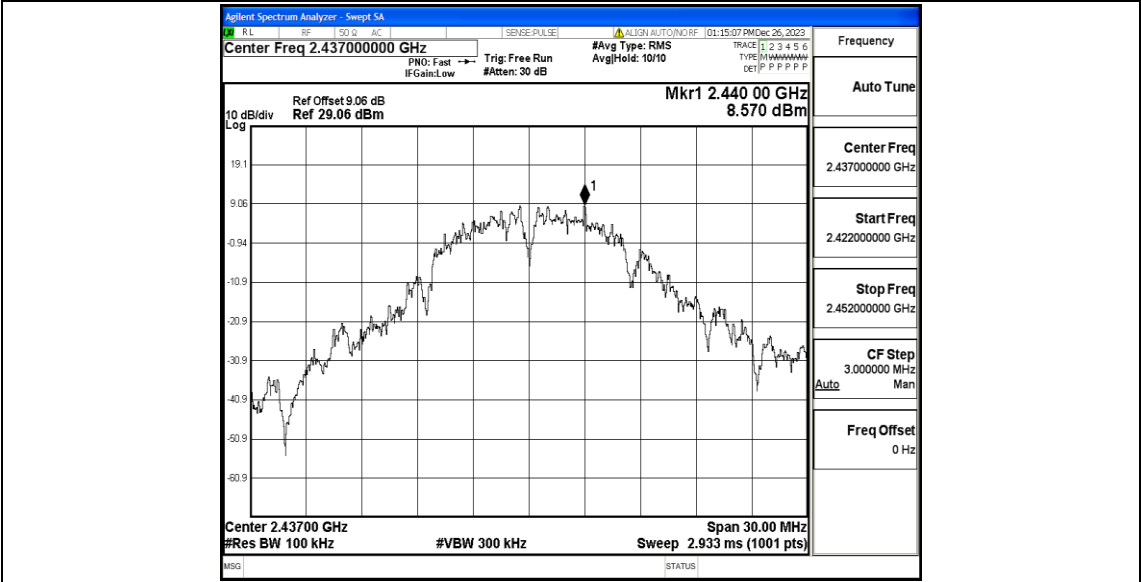
11B_Ant1_2412_30~1000



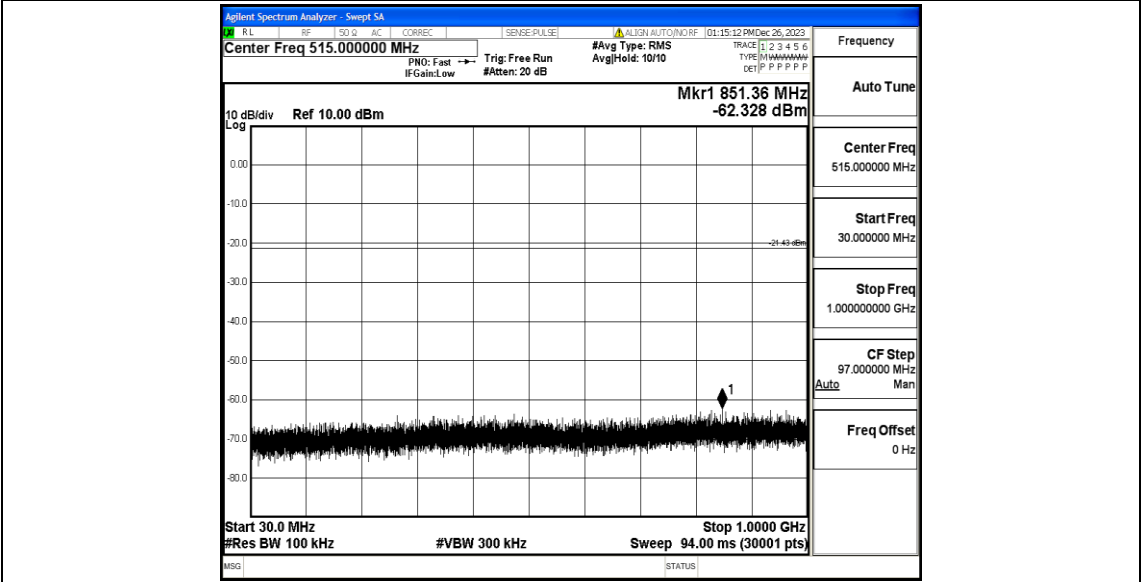
11B_Ant1_2412_1000~26500



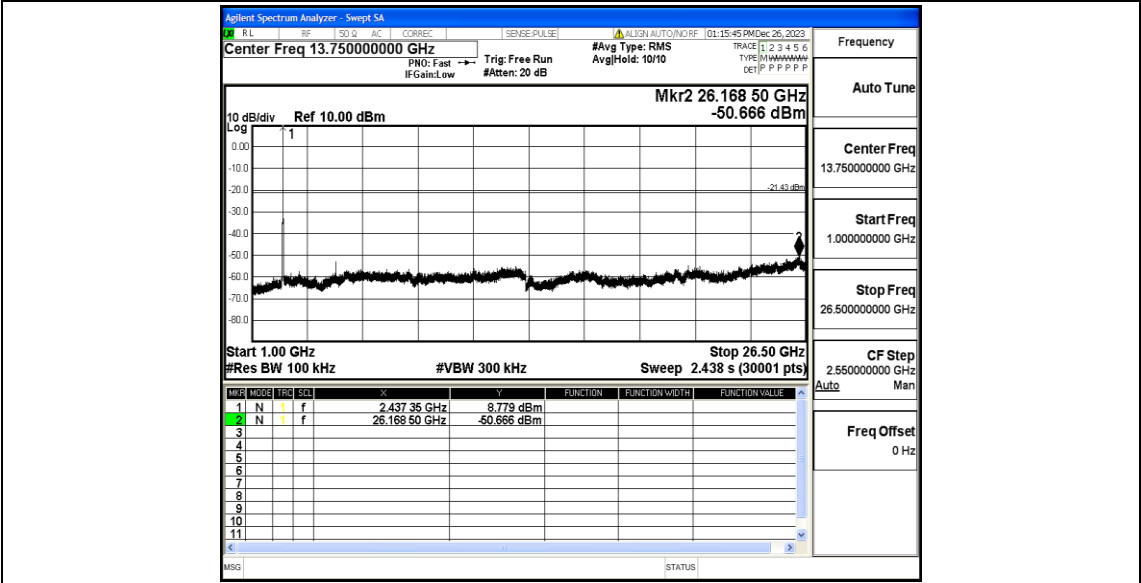
11B_Ant1_2437_0~Reference



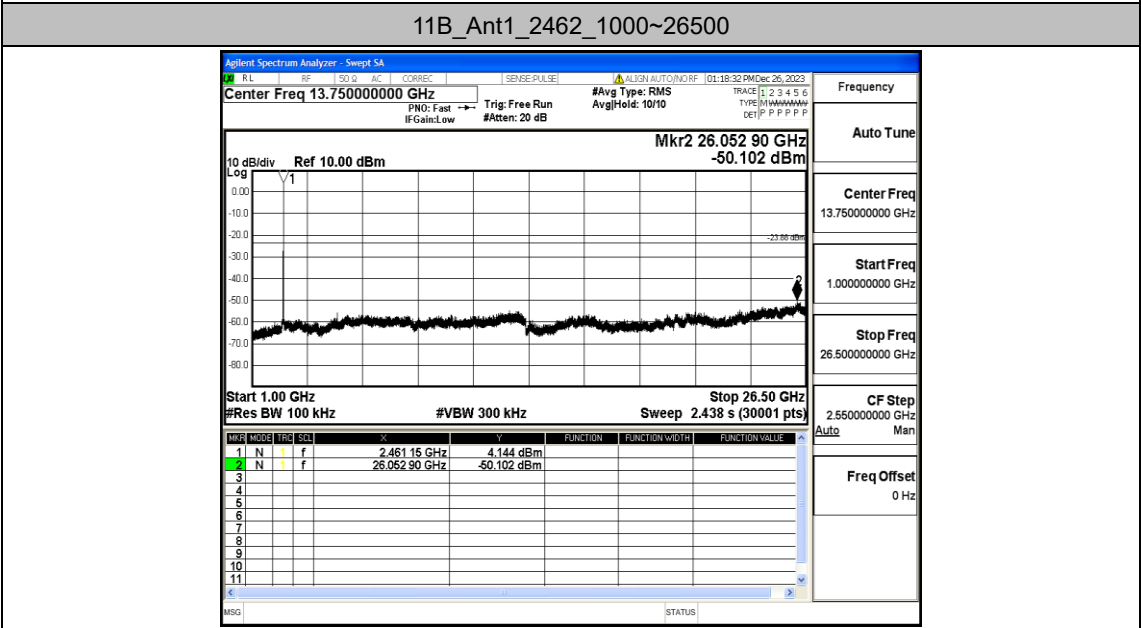
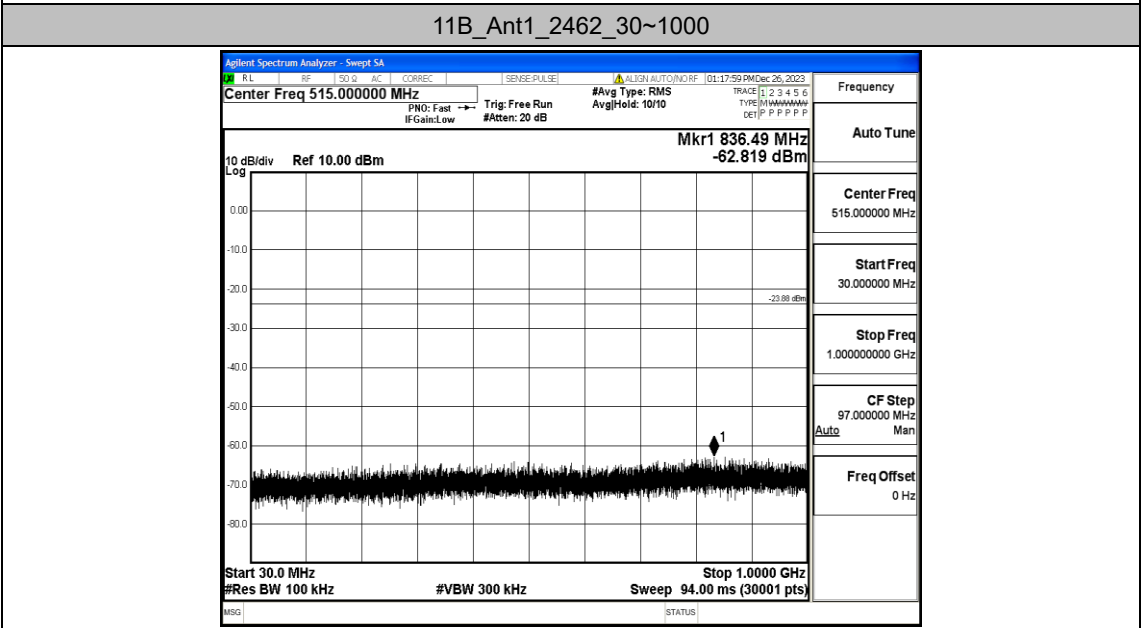
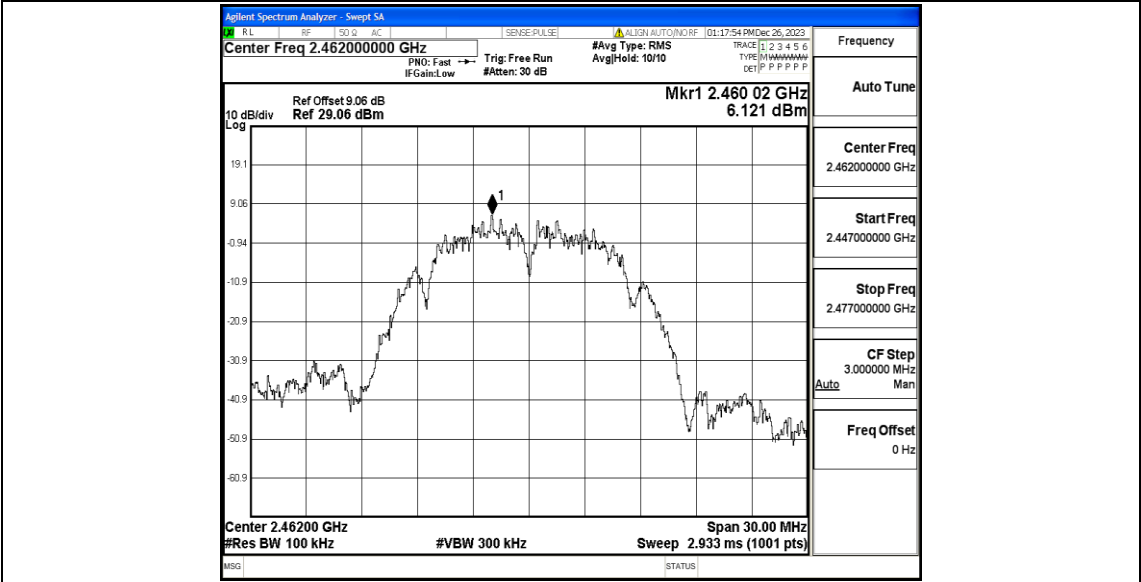
11B_Ant1_2437_30~1000

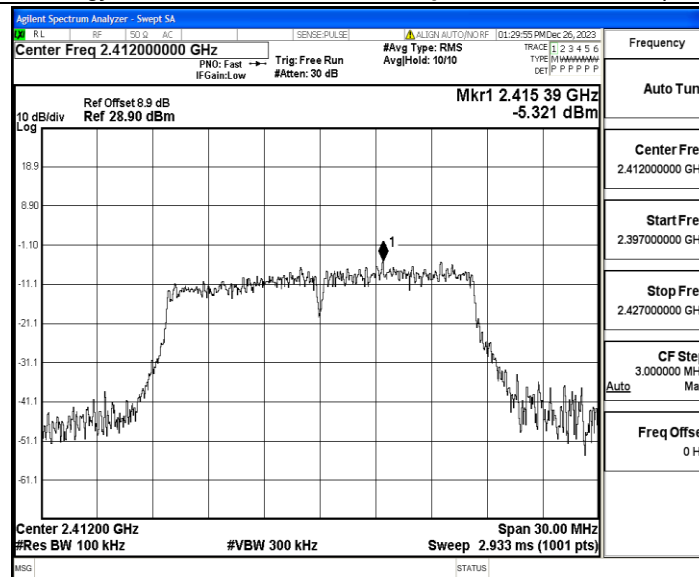


11B_Ant1_2437_1000~26500

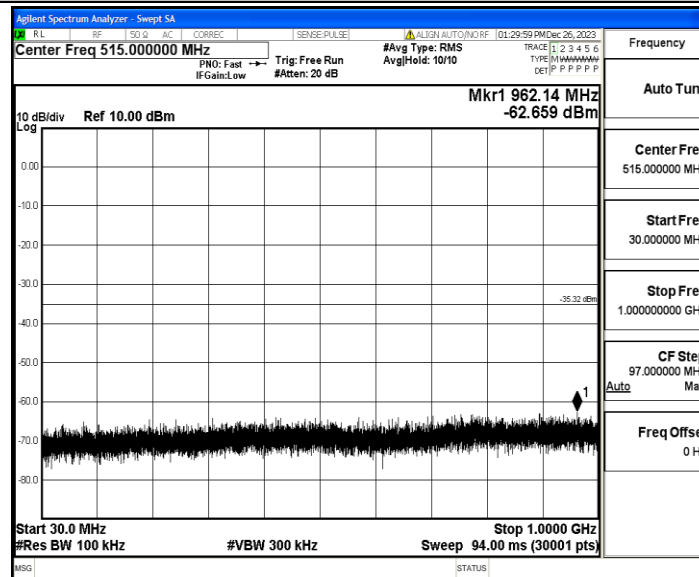


11B_Ant1_2462_0~Reference

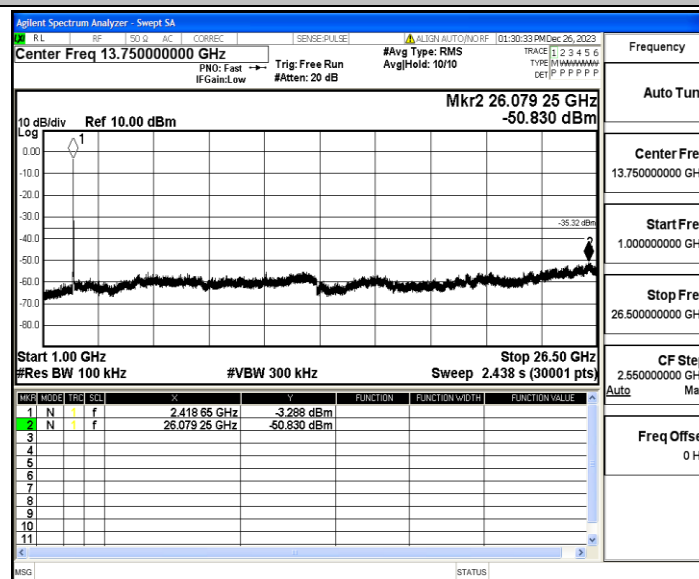




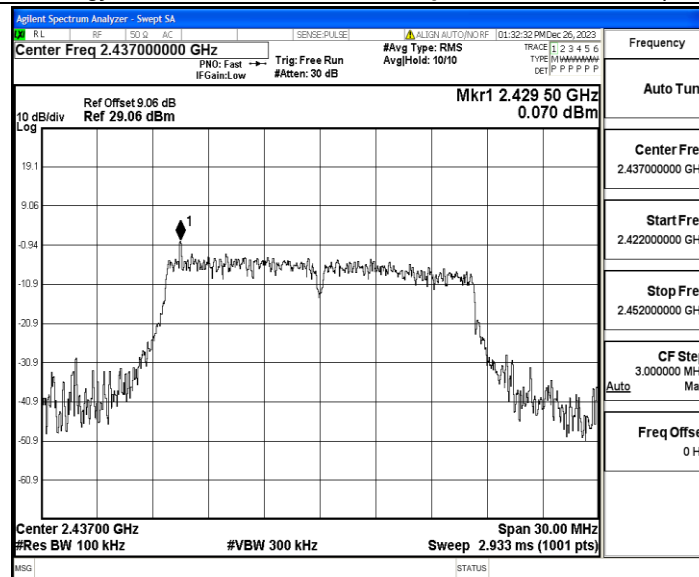
11G_Ant1_2412_30~1000



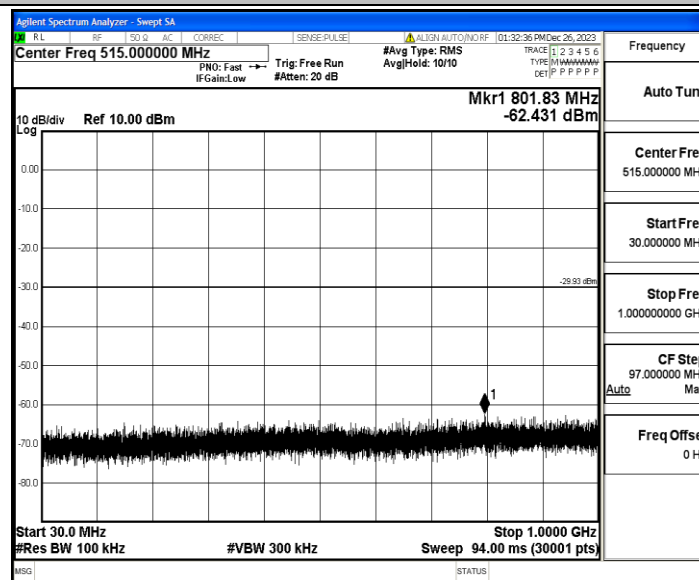
11G_Ant1_2412_1000~26500



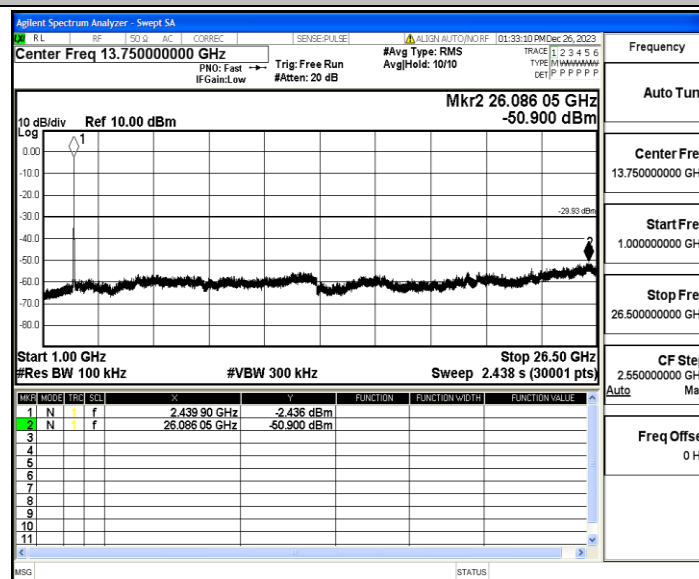
11G_Ant1_2437_0~Reference



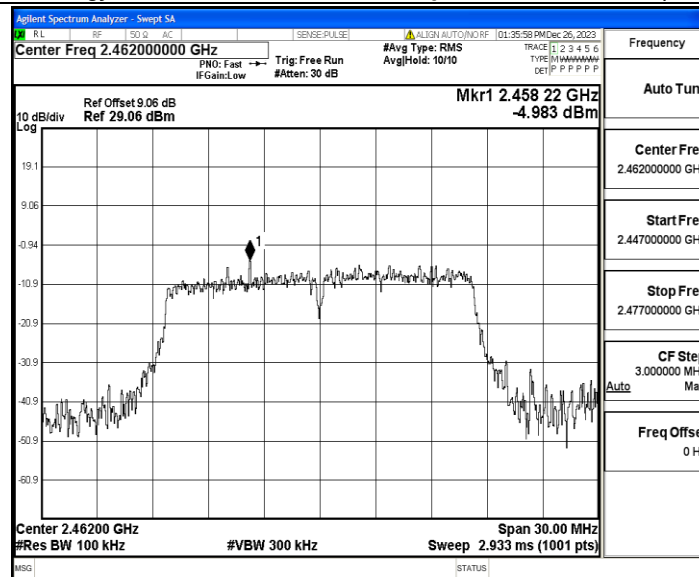
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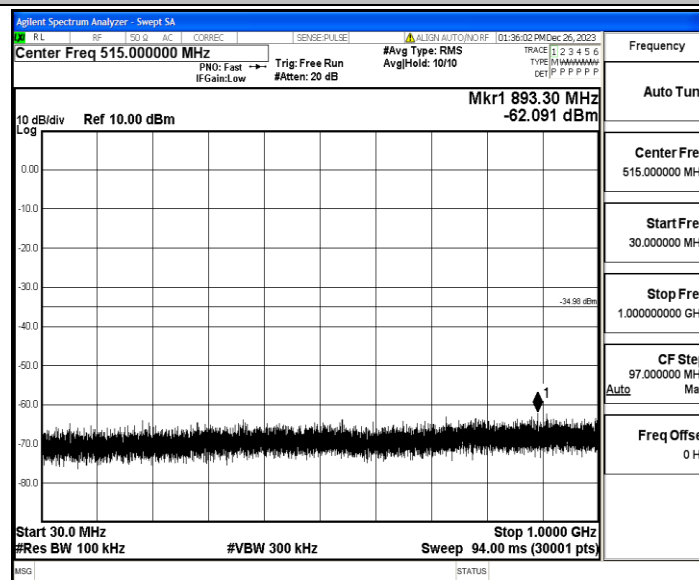
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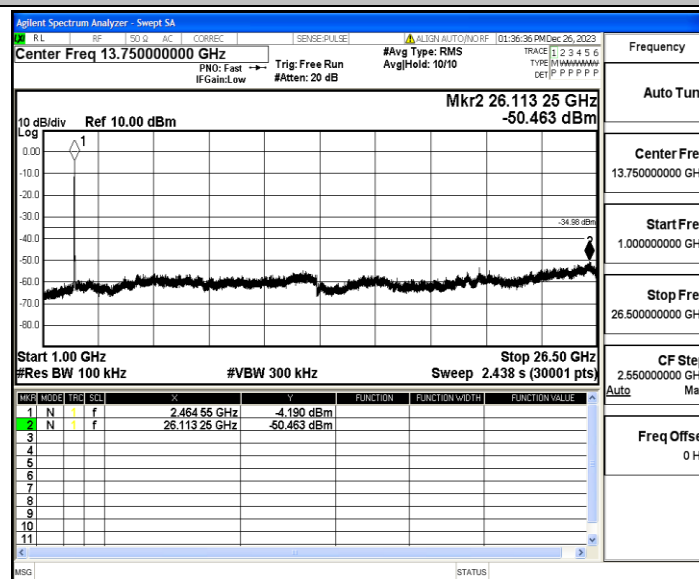
11G_Ant1_2462_0~Reference



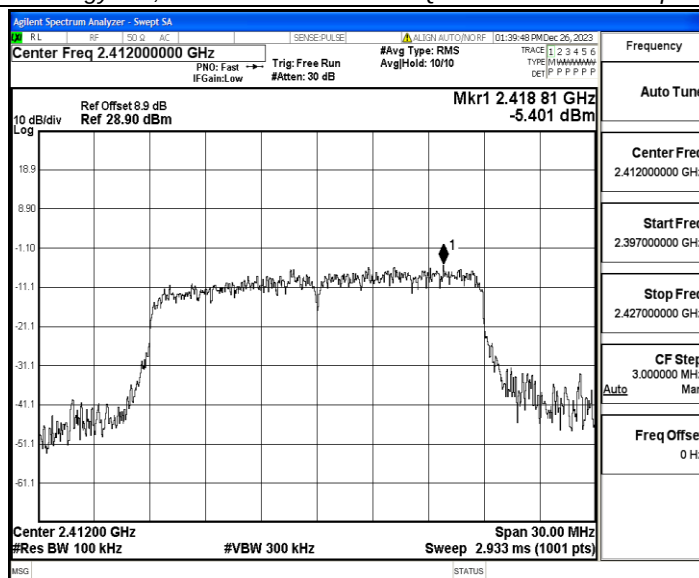
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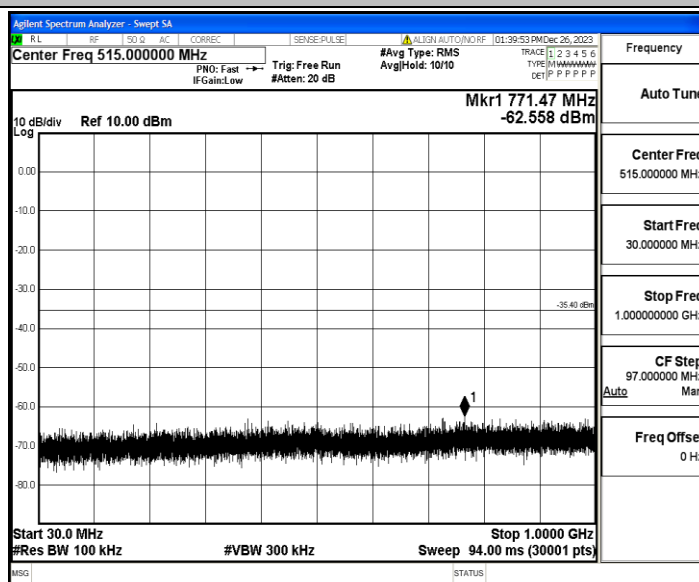
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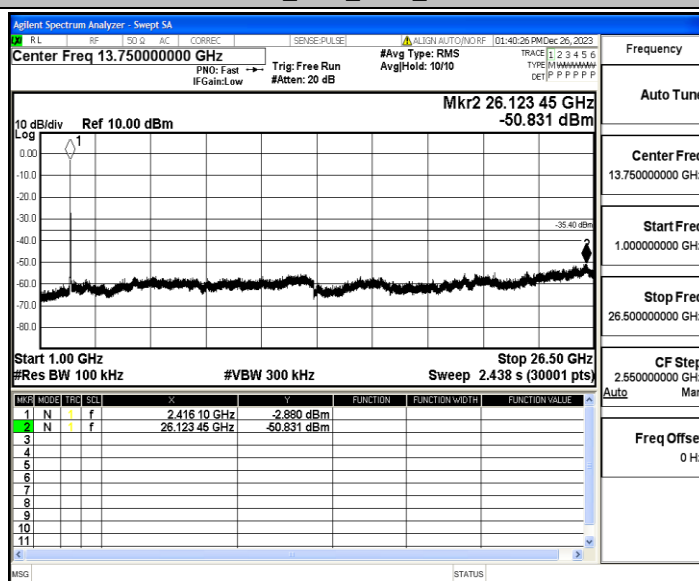
11N20SISO_Ant1_2412_0~Reference



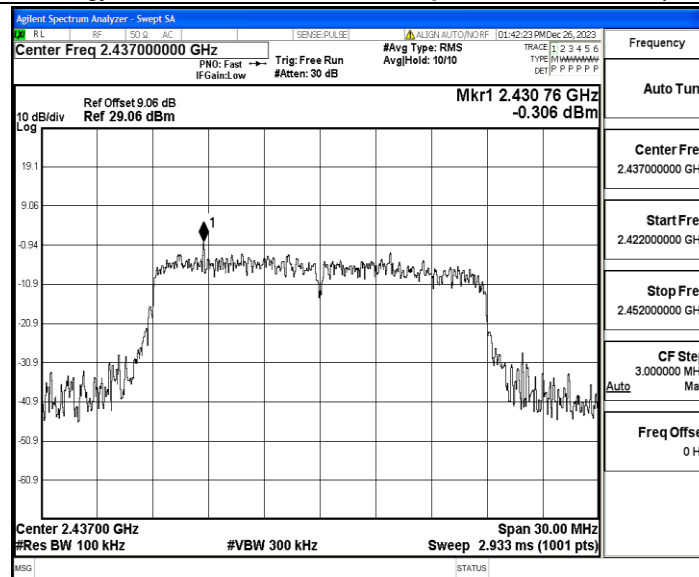
11N20SISO_Ant1_2412_30~1000



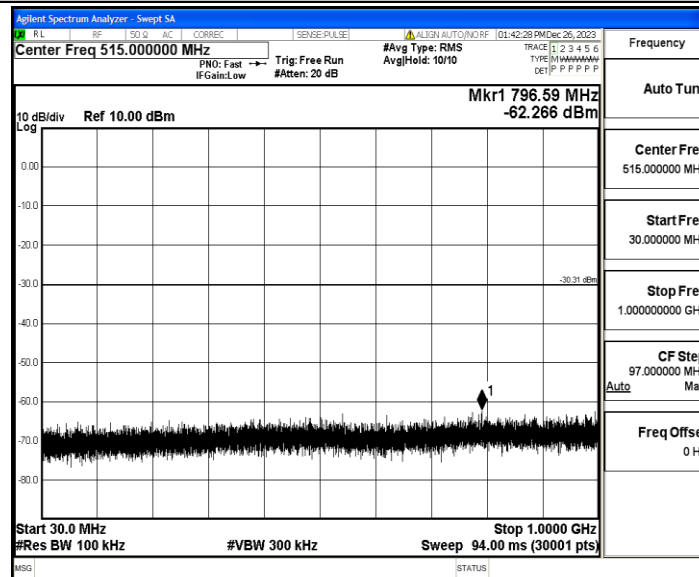
11N20SISO_Ant1_2412_1000~26500



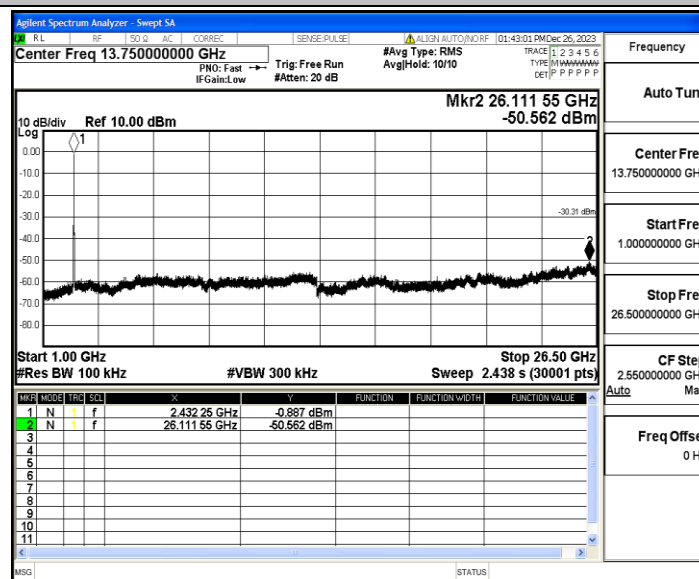
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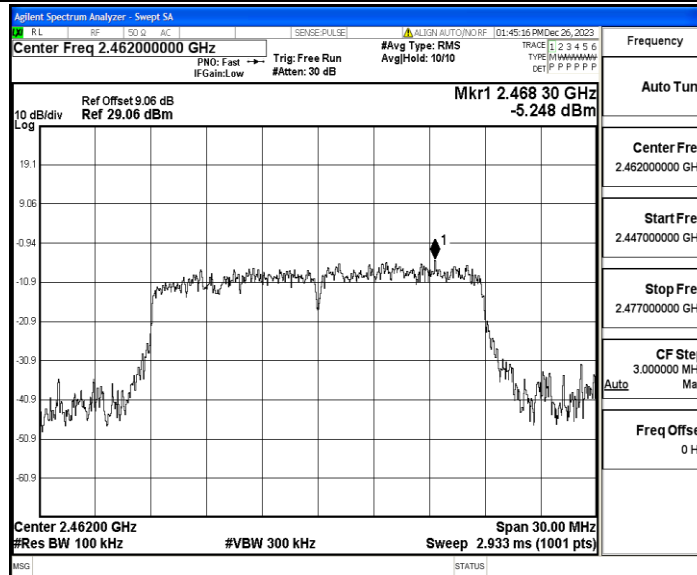
11N20SISO_Ant1_2437_30~1000



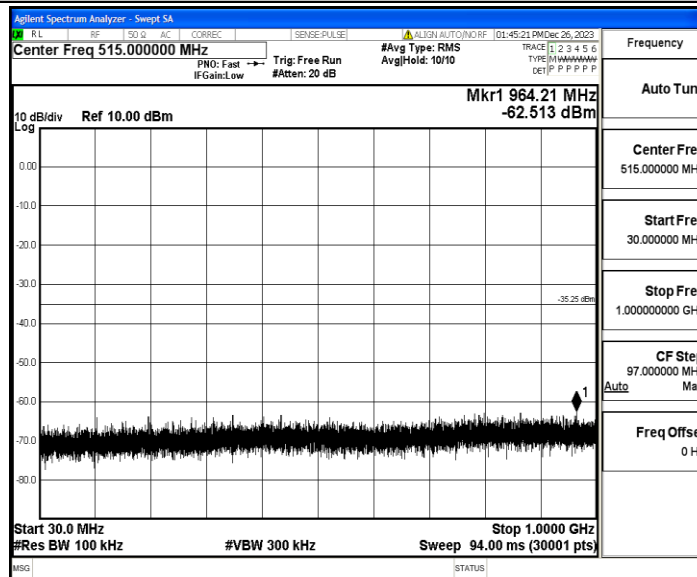
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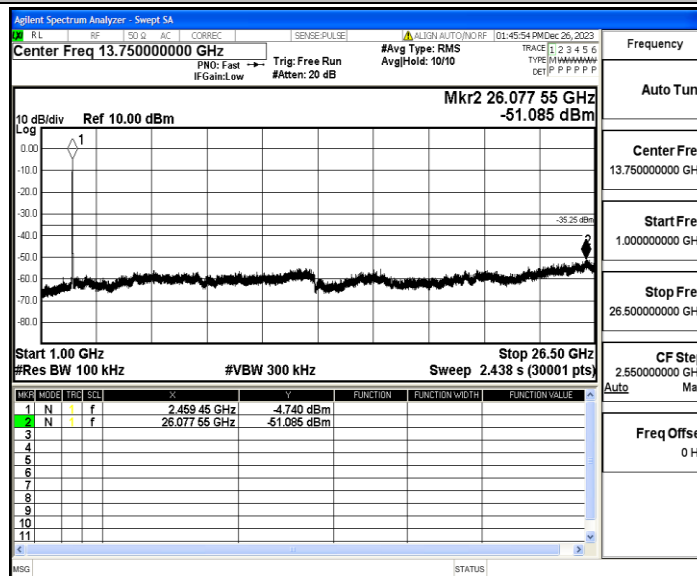
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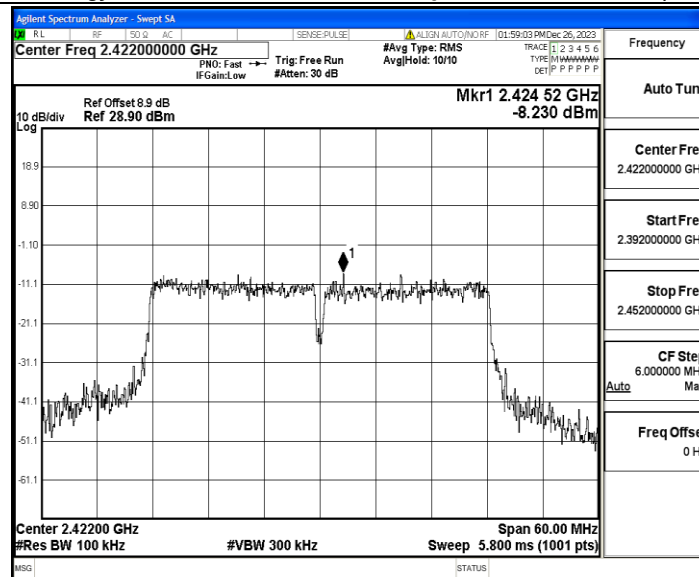
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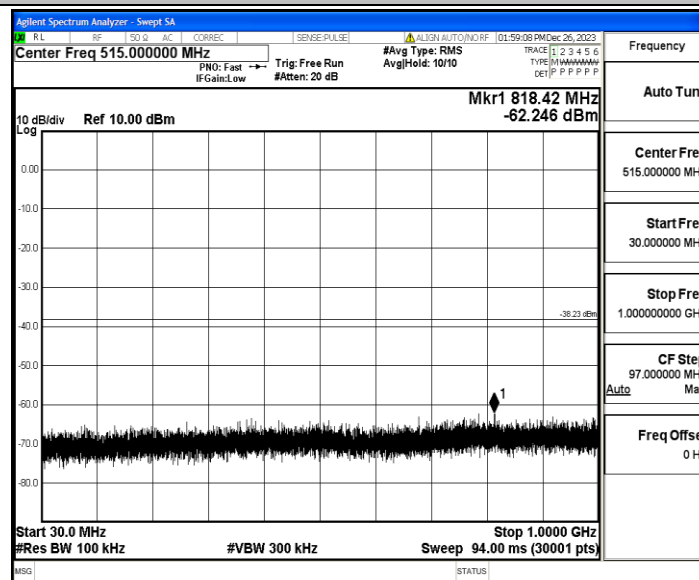
11N20SISO_Ant1_2462_1000~26500



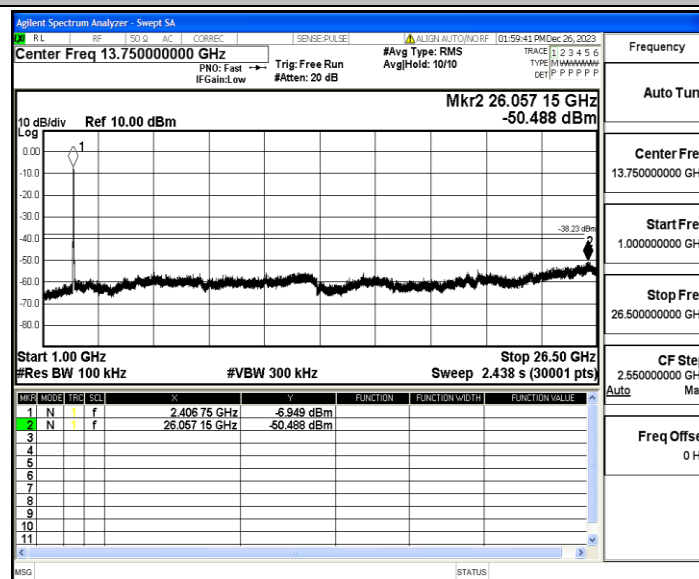
11N40SISO_Ant1_2422_0~Reference



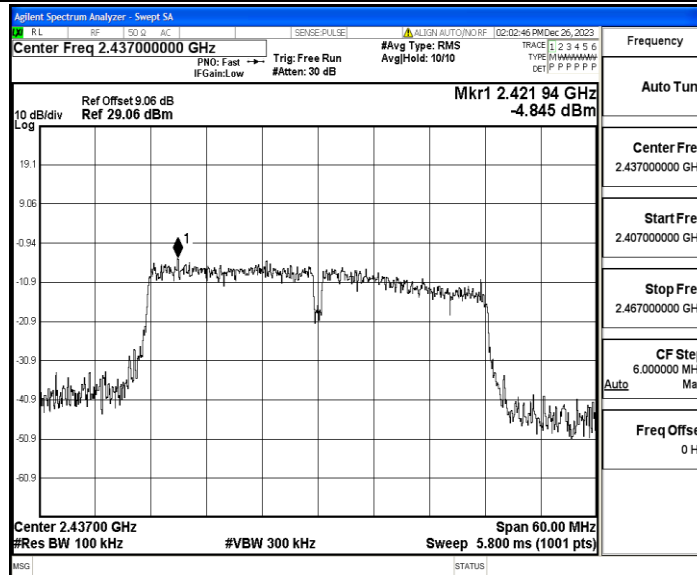
11N40SISO_Ant1_2422_30~1000



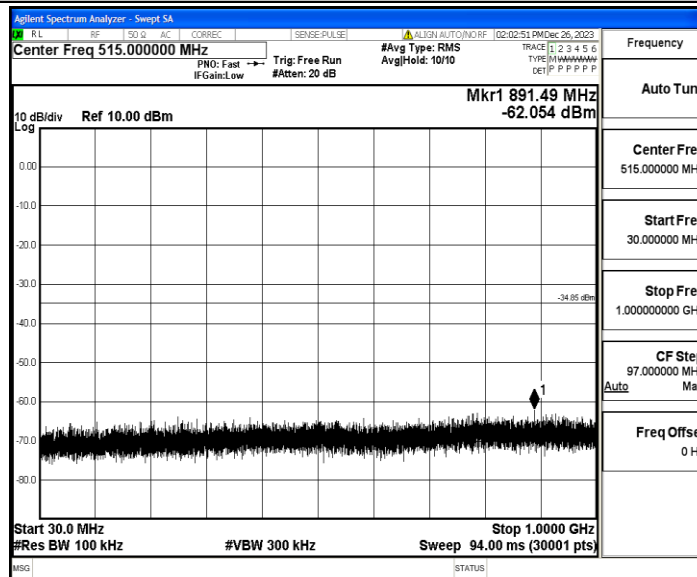
11N40SISO_Ant1_2422_1000~26500



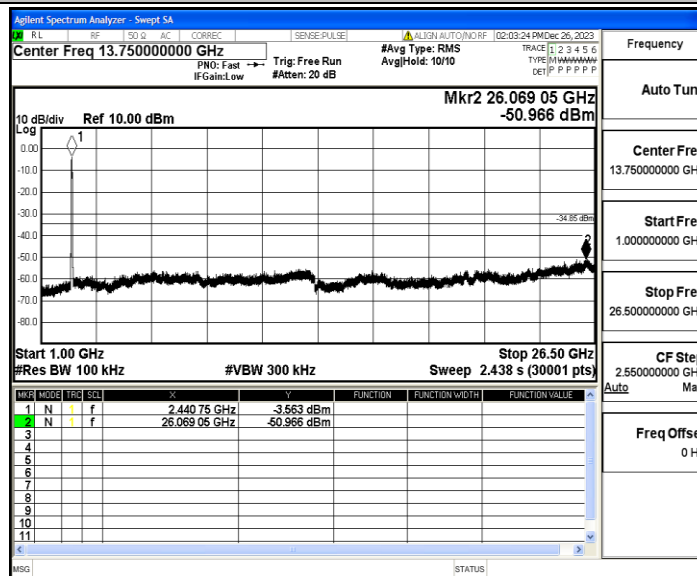
11N40SISO_Ant1_2437_0~Reference



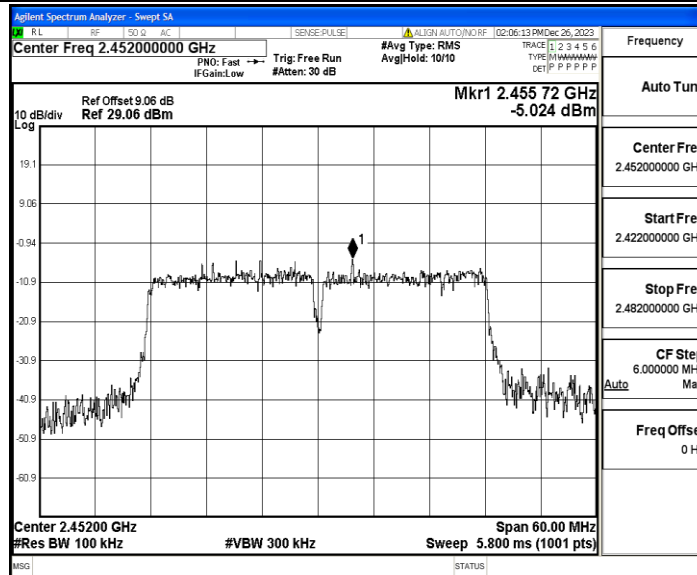
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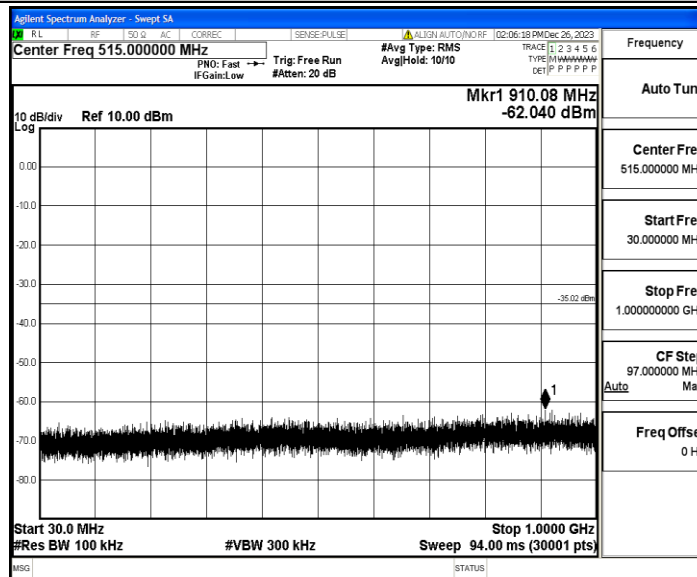
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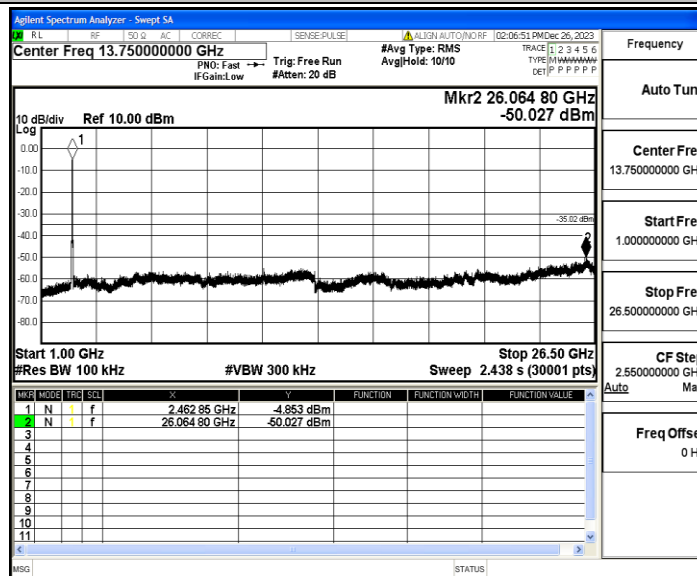
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



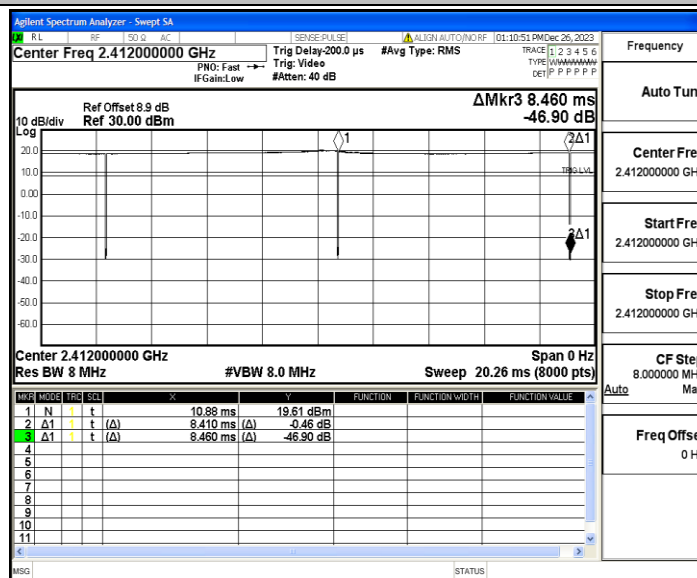
Appendix G: Duty Cycle

Test Result

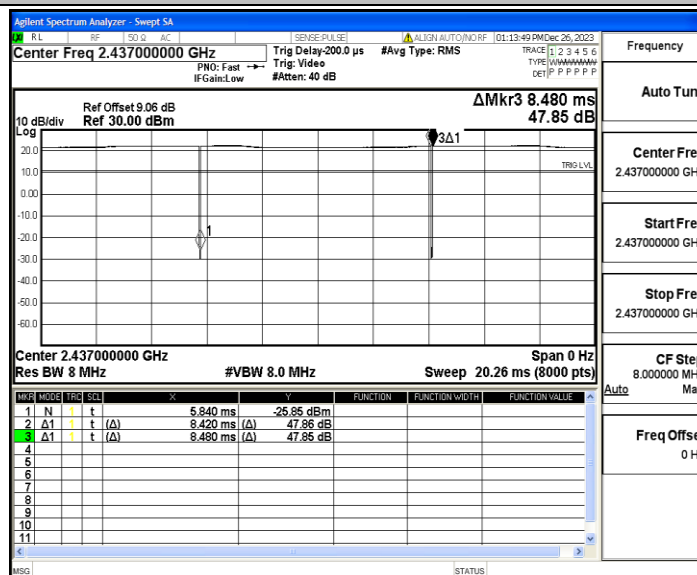
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
11B	Ant1	2412	8.41	8.46	99.41	0.12
		2437	8.42	8.48	99.29	0.12
		2462	8.41	8.46	99.41	0.12
11G	Ant1	2412	1.40	1.46	95.89	0.71
		2437	1.39	1.45	95.86	0.72
		2462	1.40	1.46	95.89	0.71
11N20SISO	Ant1	2412	1.18	1.24	95.16	0.85
		2437	1.18	1.24	95.16	0.85
		2462	1.18	1.24	95.16	0.85
11N40SISO	Ant1	2422	0.59	0.67	88.06	1.69
		2437	0.59	0.64	92.19	1.69
		2452	0.59	0.64	92.19	1.69

Test Graphs

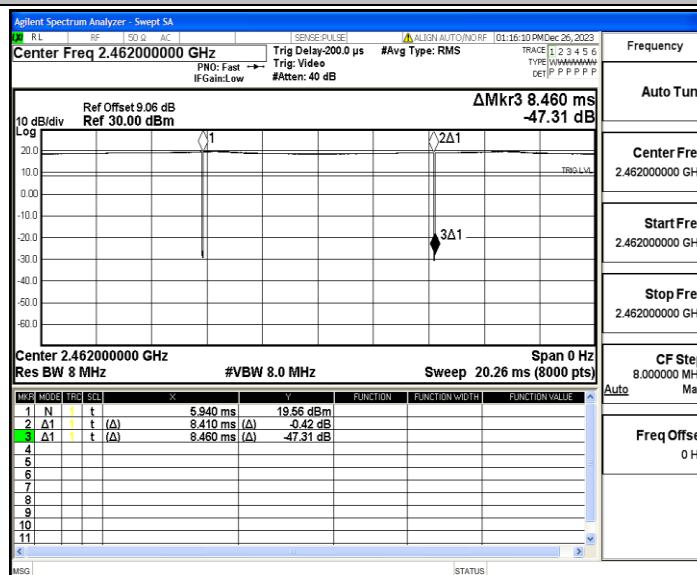
11B_Ant1_2412



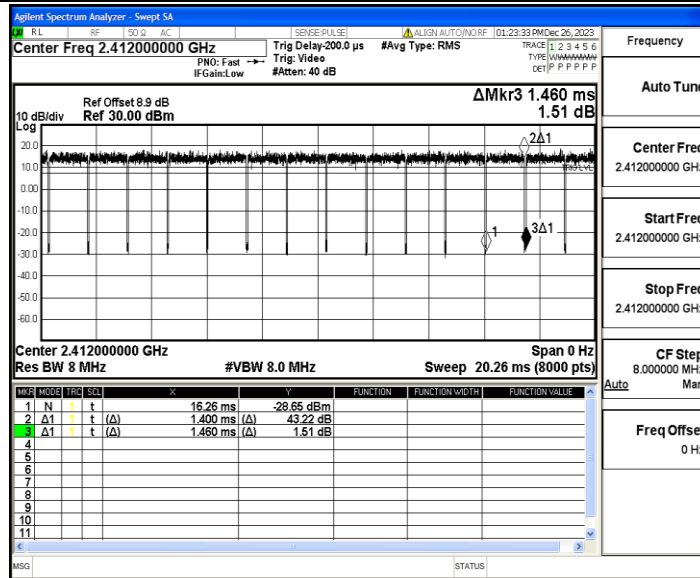
11B_Ant1_2437



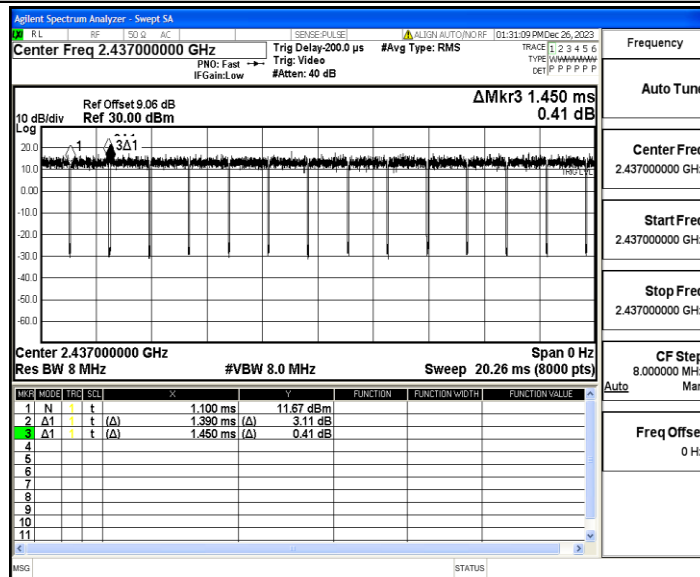
11B_Ant1_2462



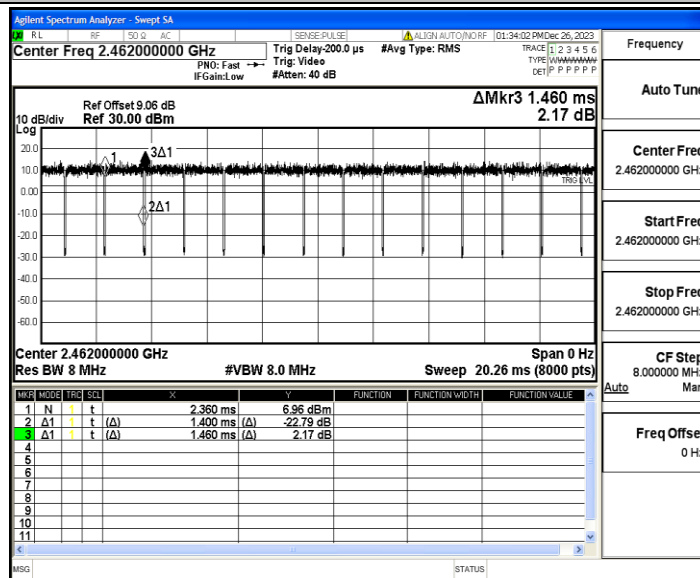
11G_Ant1_2412



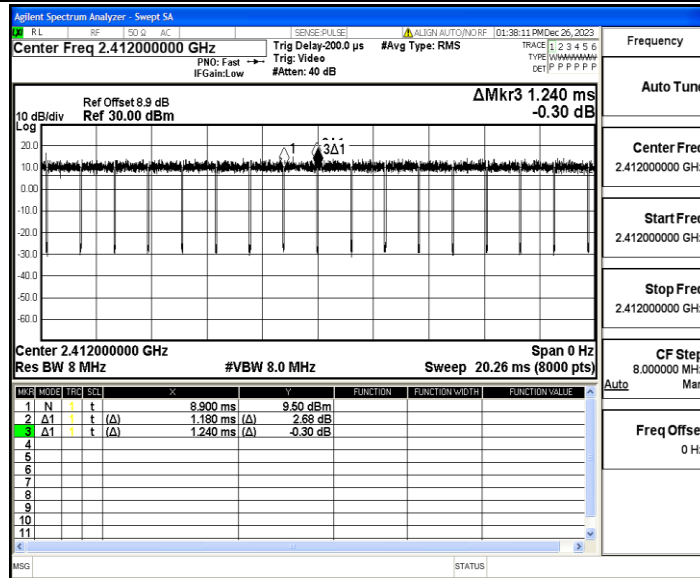
11G_Ant1_2437



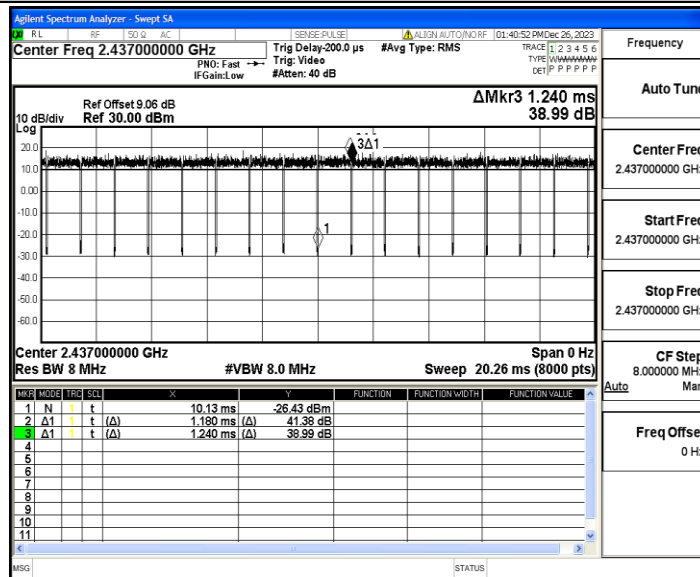
11G_Ant1_2462



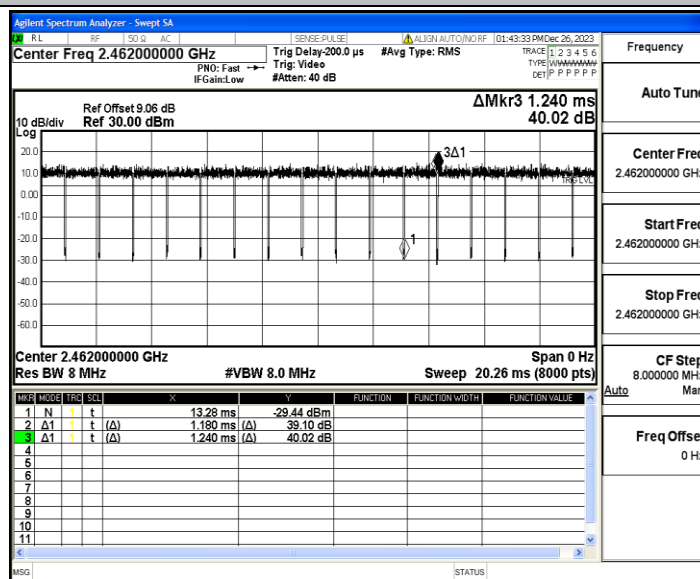
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

