

Appendix Test Data for WLAN(2.4G) (Conducted Measurement)**Product Name: TABLET****Trade Mark: FLY****Test Model: X_TAB8****FCC ID: 2BCQ3-XTAB8****Environmental Conditions**

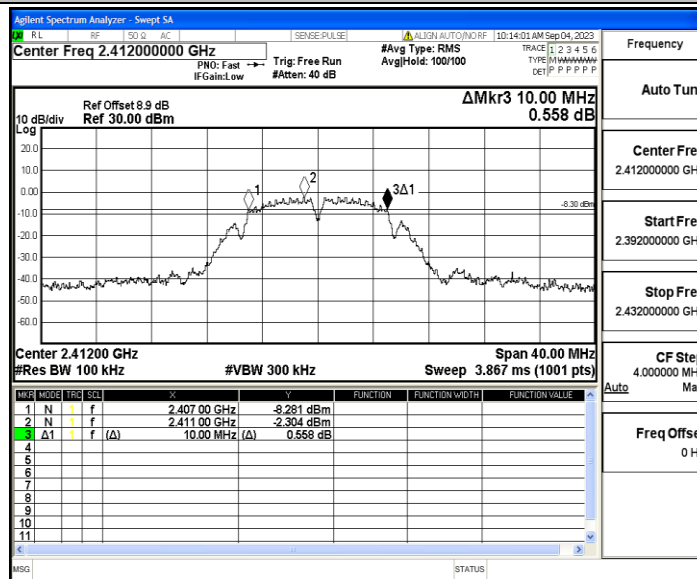
Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth**Test Result**

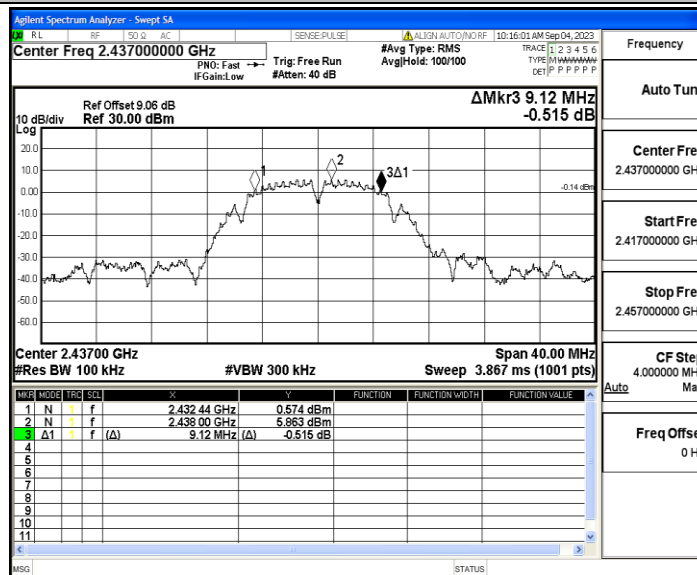
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.000	2407.000	2417.000	0.5	PASS
		2437	9.120	2432.440	2441.560	0.5	PASS
		2462	9.560	2457.480	2467.040	0.5	PASS
11G	Ant1	2412	16.400	2403.840	2420.240	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.880	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.200	2420.840	0.5	PASS
		2437	17.520	2428.240	2445.760	0.5	PASS
		2462	17.600	2453.240	2470.840	0.5	PASS

Test Graphs

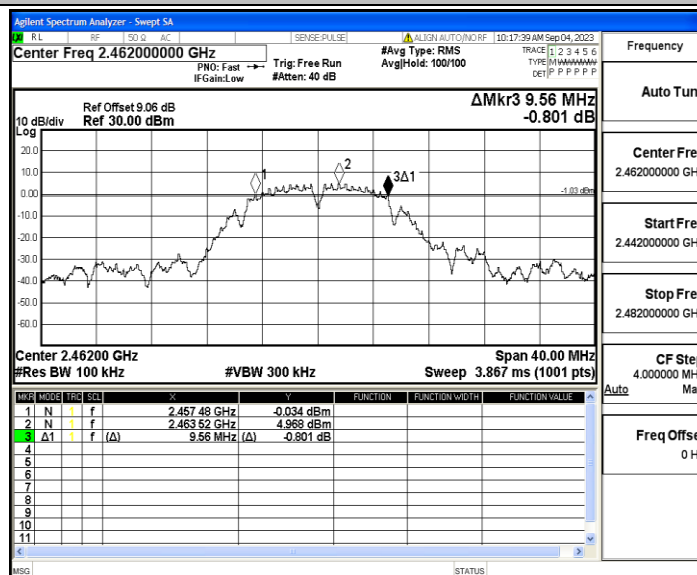
11B_Ant1_2412



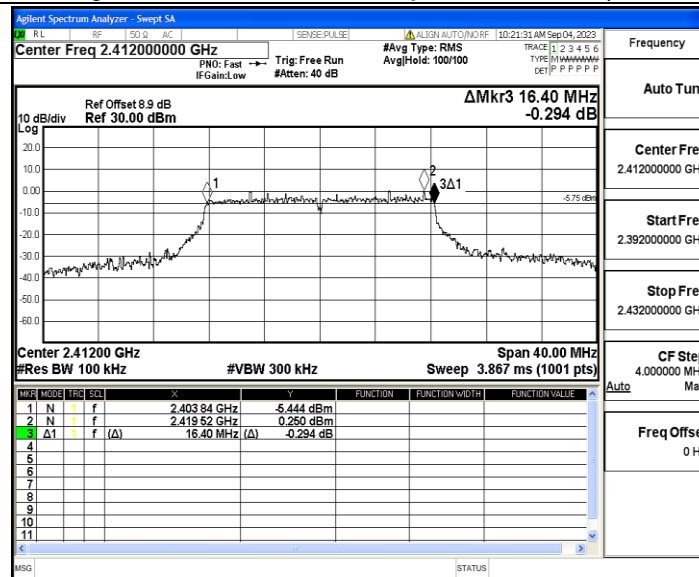
11B_Ant1_2437



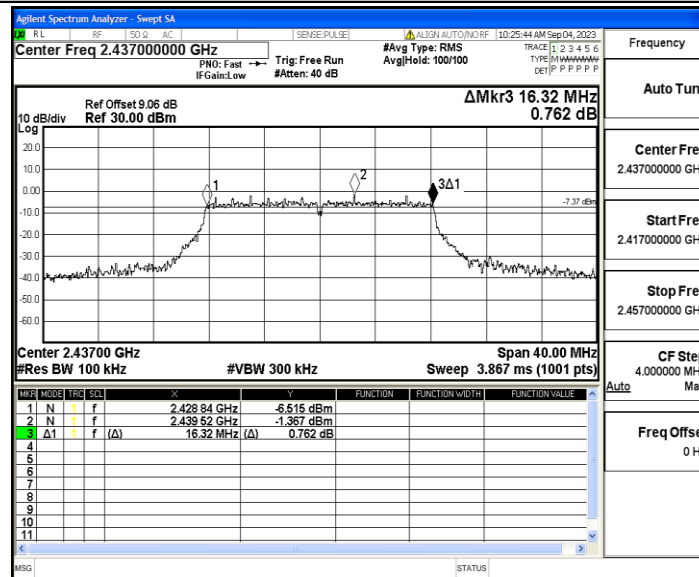
11B_Ant1_2462



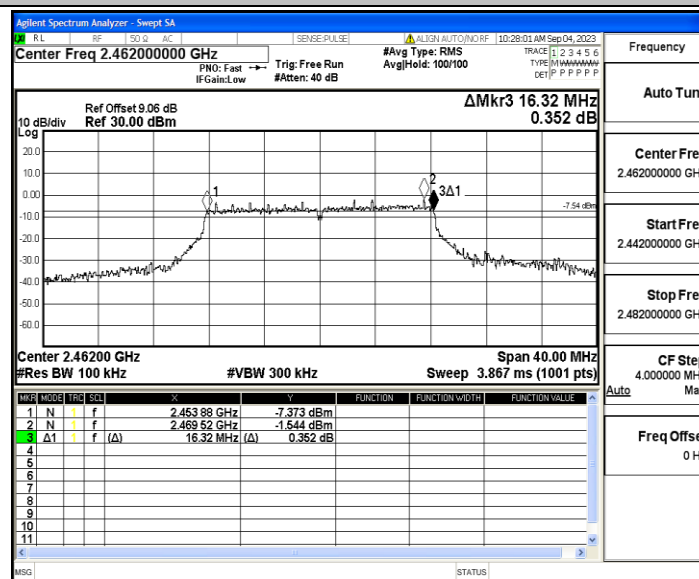
11G_Ant1_2412



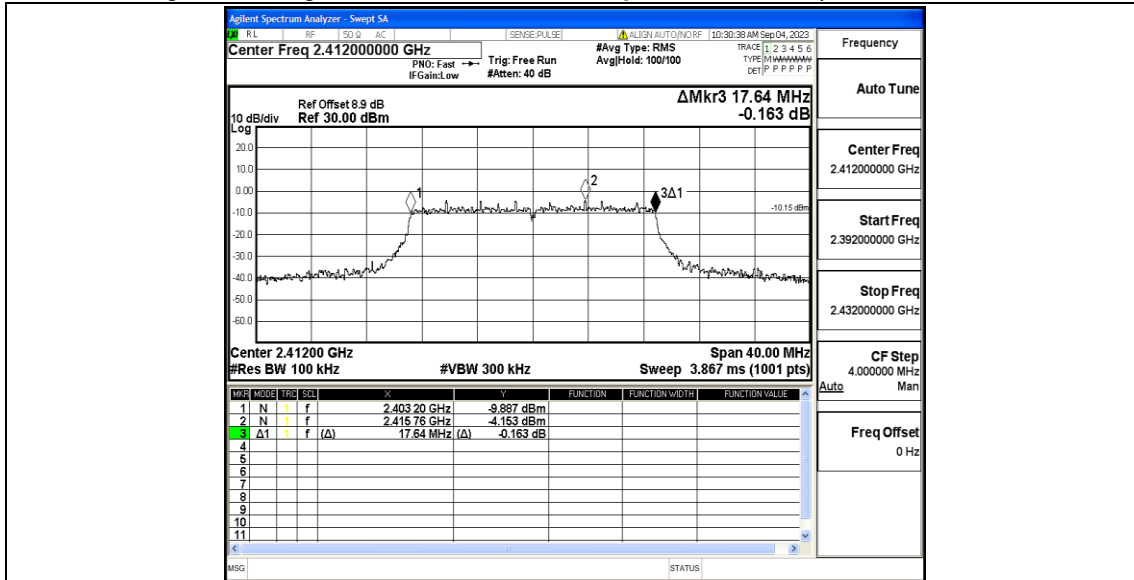
11G_Ant1_2437



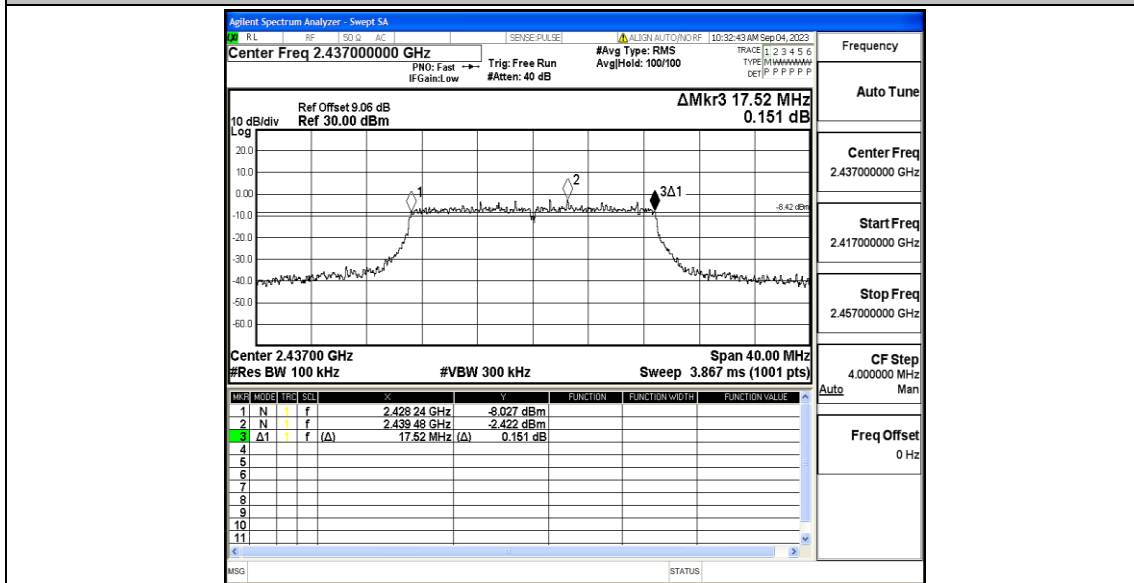
11G_Ant1_2462



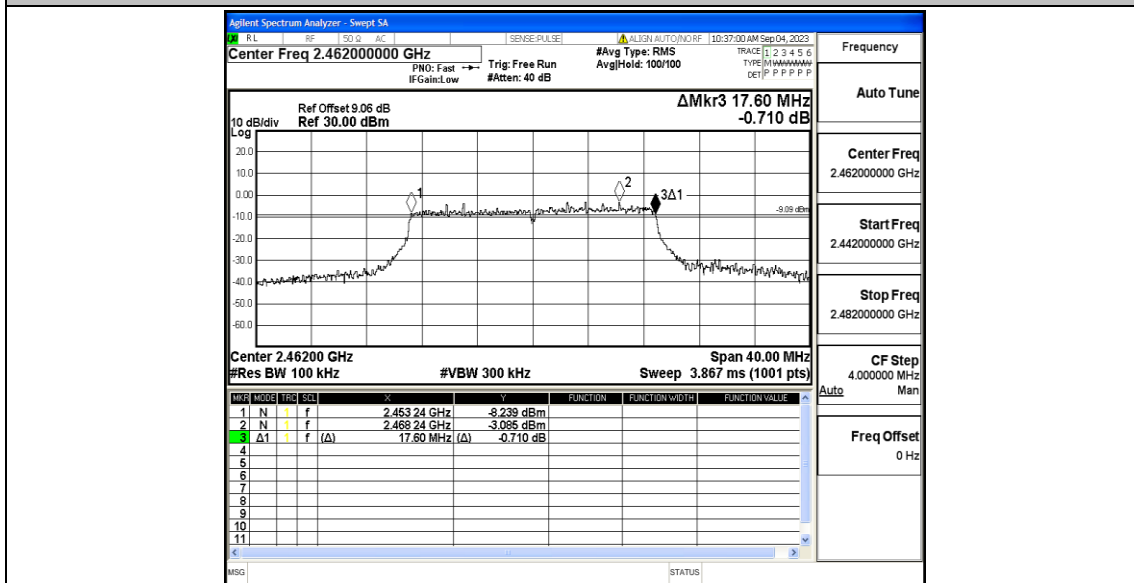
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



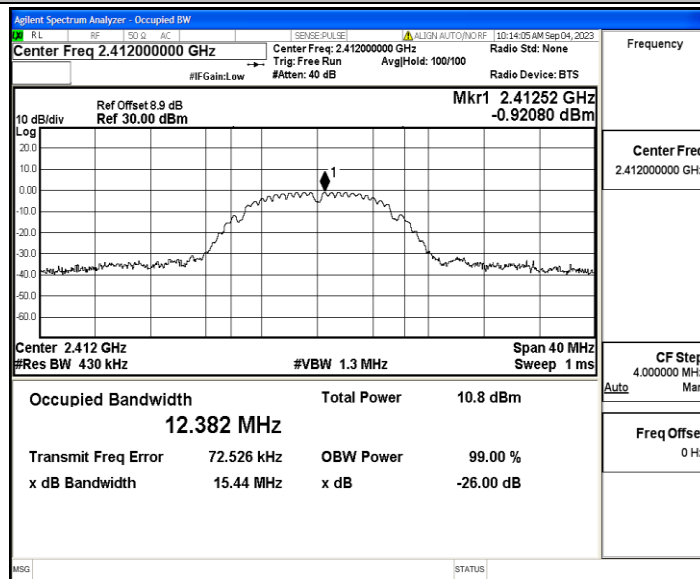
Appendix B: Occupied Channel Bandwidth

Test Result

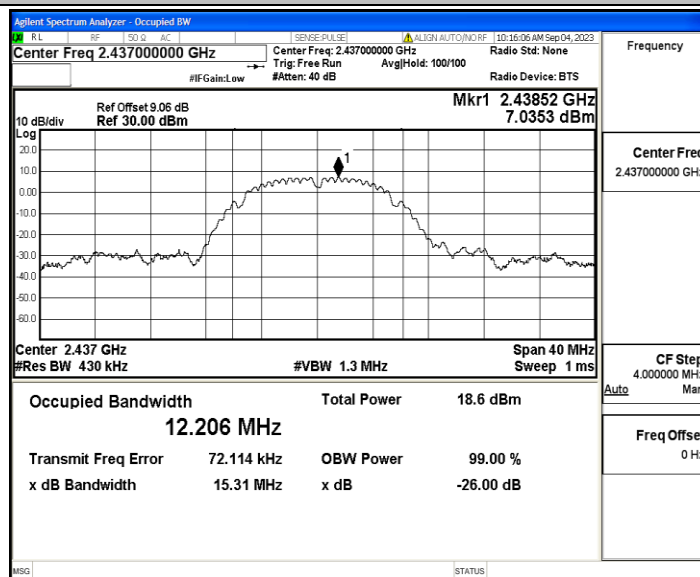
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.382	2405.8815	2418.2635	---	---
		2437	12.206	2430.9691	2443.1751	---	---
		2462	12.516	2455.9626	2468.4786	---	---
11G	Ant1	2412	17.615	2403.3013	2420.9163	---	---
		2437	17.241	2428.4355	2445.6765	---	---
		2462	17.790	2453.3925	2471.1825	---	---
11N20SISO	Ant1	2412	18.248	2402.9755	2421.2235	---	---
		2437	18.098	2428.0219	2446.1199	---	---
		2462	18.320	2453.0679	2471.3879	---	---

Test Graphs

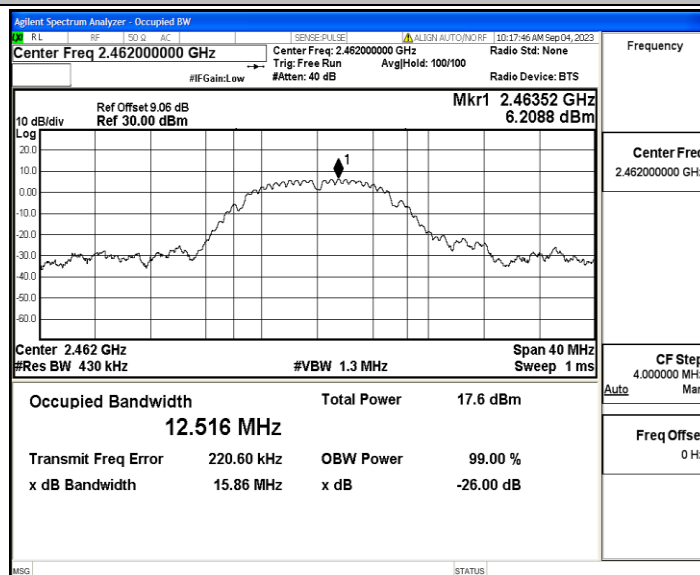
11B_Ant1_2412



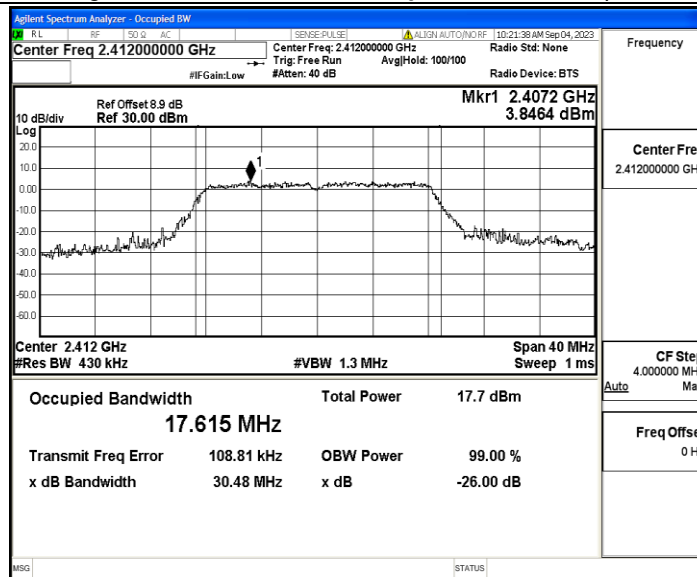
11B_Ant1_2437



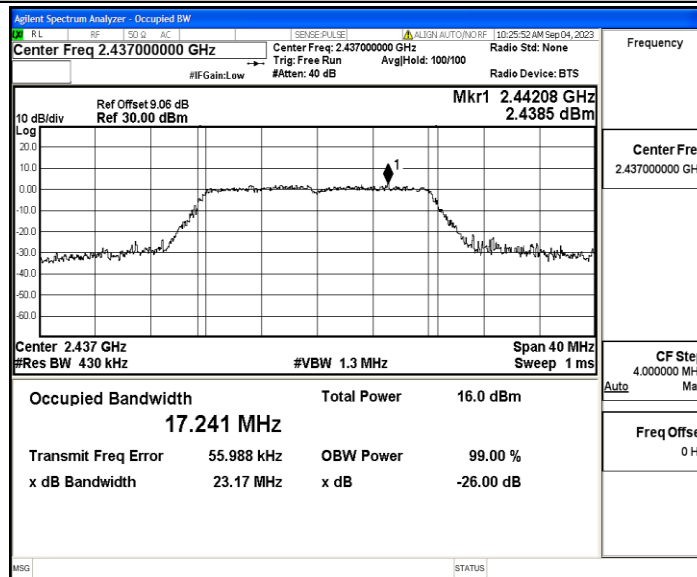
11B_Ant1_2462



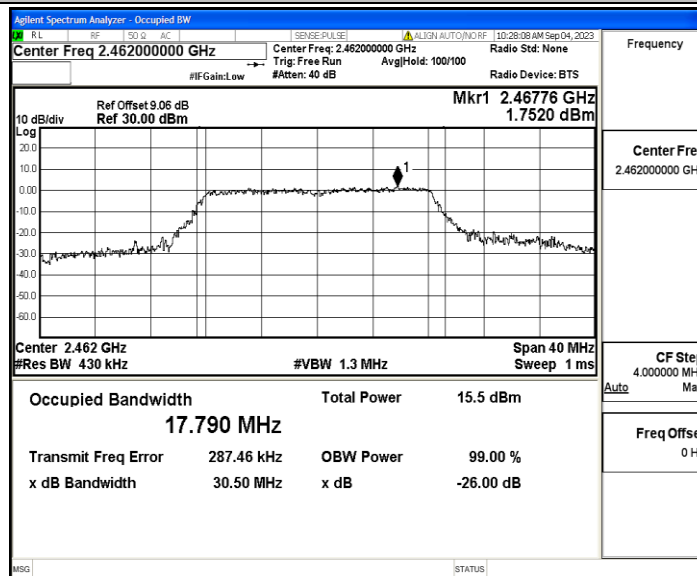
11G_Ant1_2412



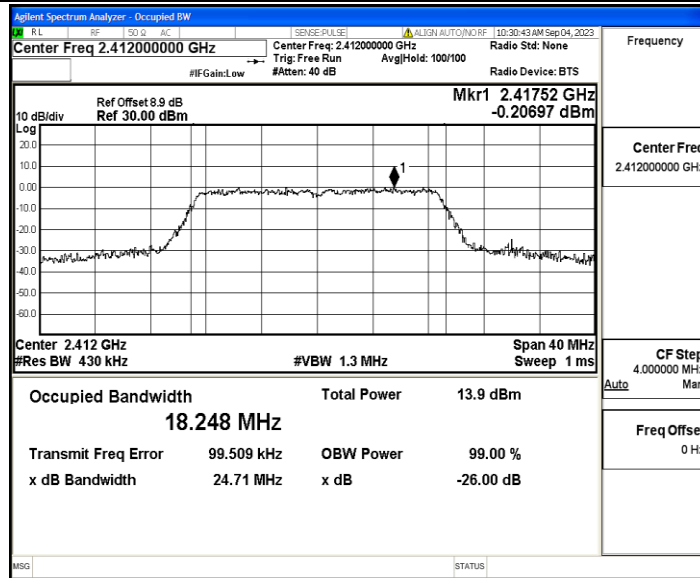
11G_Ant1_2437



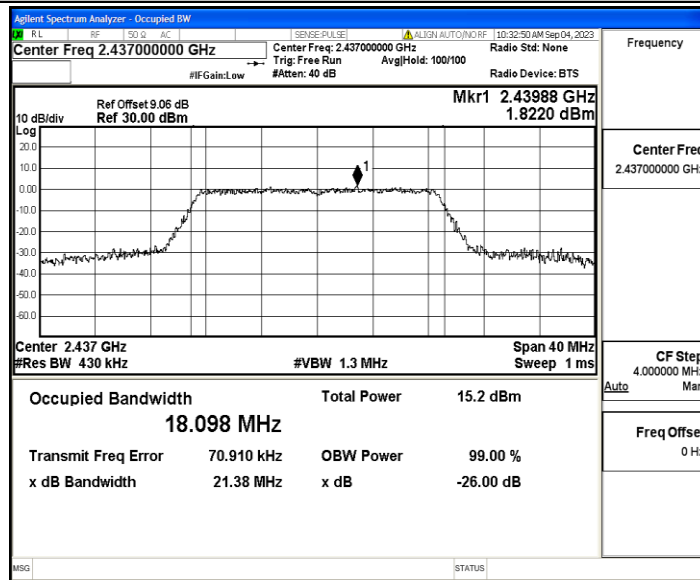
11G_Ant1_2462



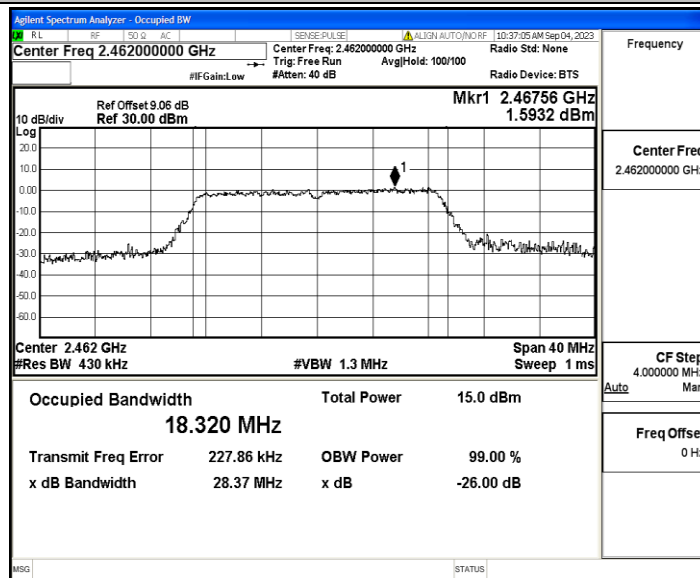
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	7.82	≤30.00	PASS
		2437	15.64	≤30.00	PASS
		2462	14.69	≤30.00	PASS
11G	Ant1	2412	8.77	≤30.00	PASS
		2437	10.09	≤30.00	PASS
		2462	9.50	≤30.00	PASS
11N20SISO	Ant1	2412	7.81	≤30.00	PASS
		2437	9.05	≤30.00	PASS
		2462	8.78	≤30.00	PASS

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

Appendix D: Maximum power spectral density

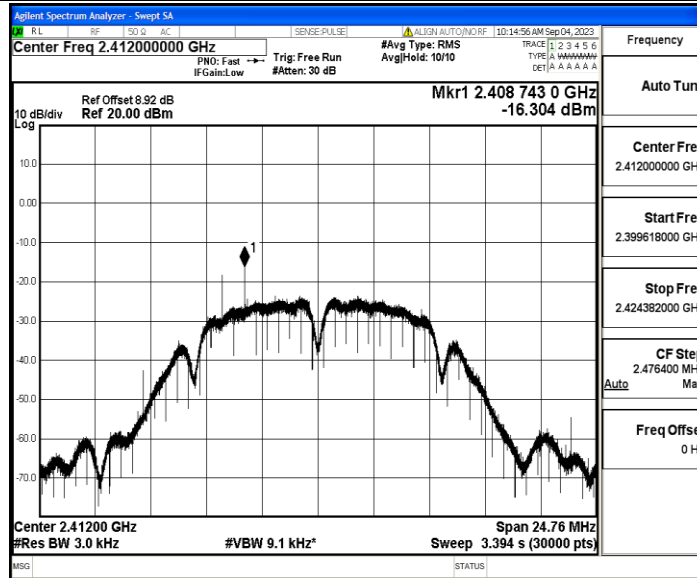
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.3	≤8.00	PASS
		2437	-7	≤8.00	PASS
		2462	-8.77	≤8.00	PASS
11G	Ant1	2412	-19.04	≤8.00	PASS
		2437	-17.92	≤8.00	PASS
		2462	-16.39	≤8.00	PASS
11N20SISO	Ant1	2412	-17.43	≤8.00	PASS
		2437	-16.37	≤8.00	PASS
		2462	-18.22	≤8.00	PASS

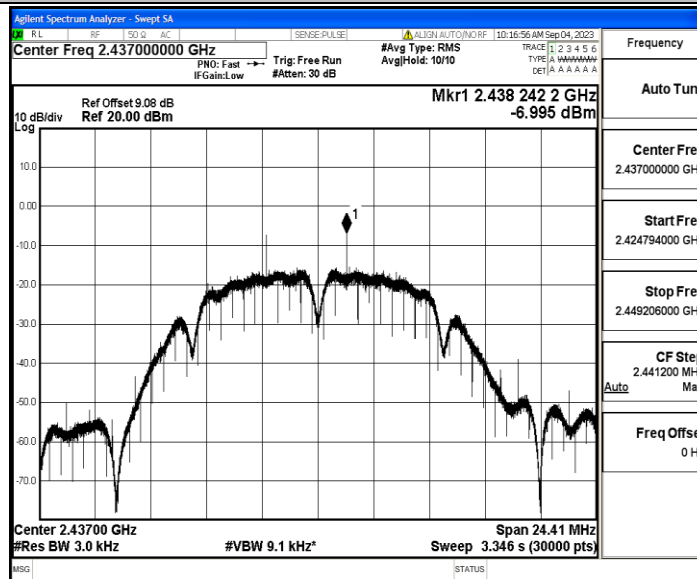
Note: The Duty Cycle Factor is compensated in the test result.

Test Graphs

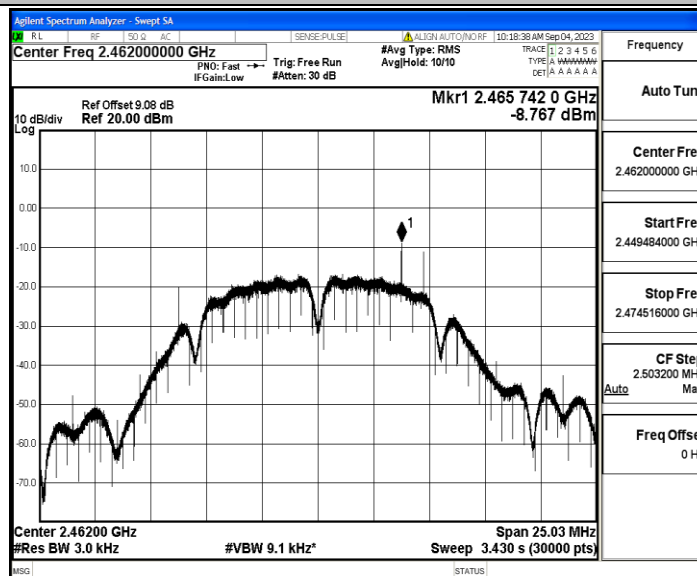
11B_Ant1_2412



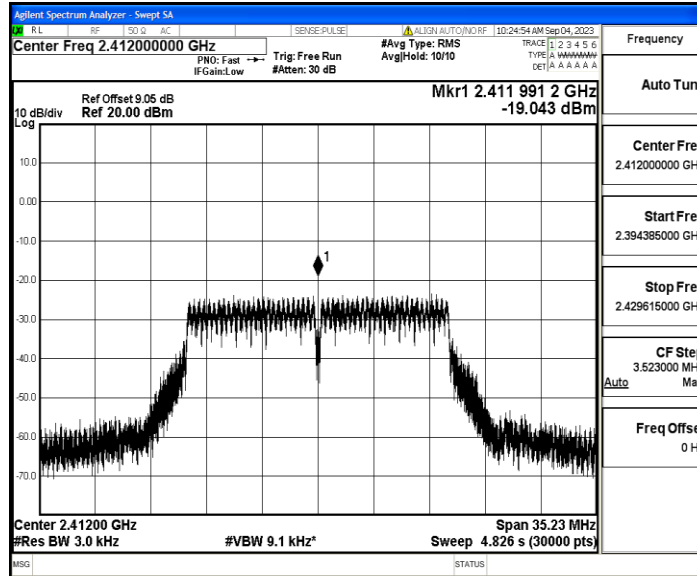
11B_Ant1_2437



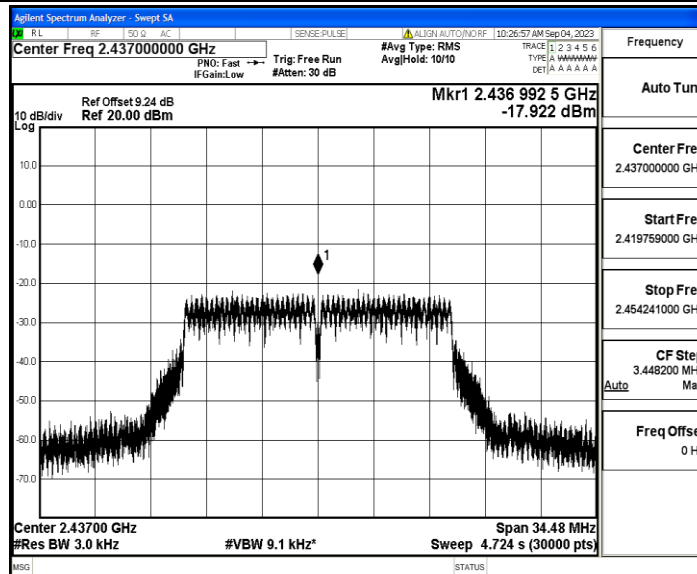
11B_Ant1_2462



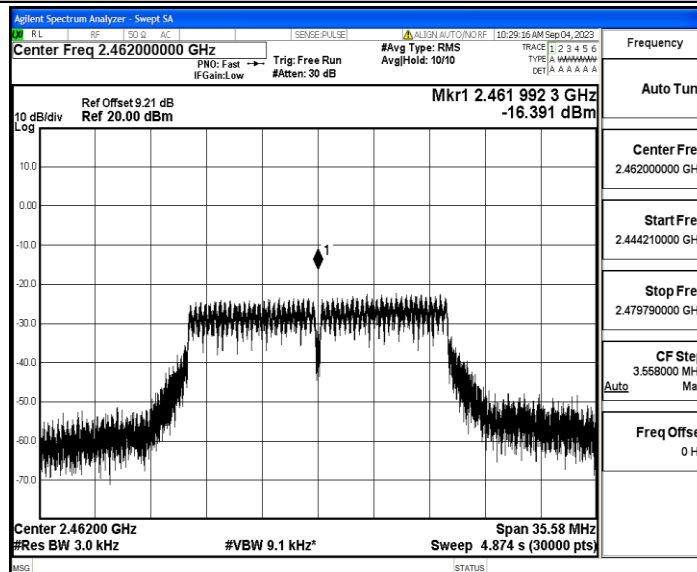
11G_Ant1_2412



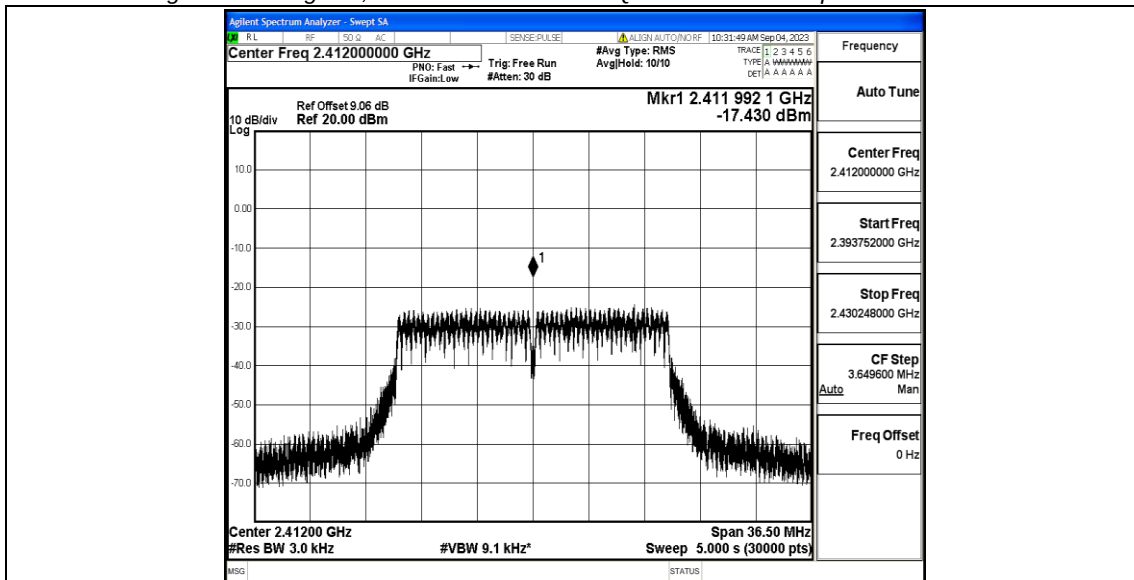
11G_Ant1_2437



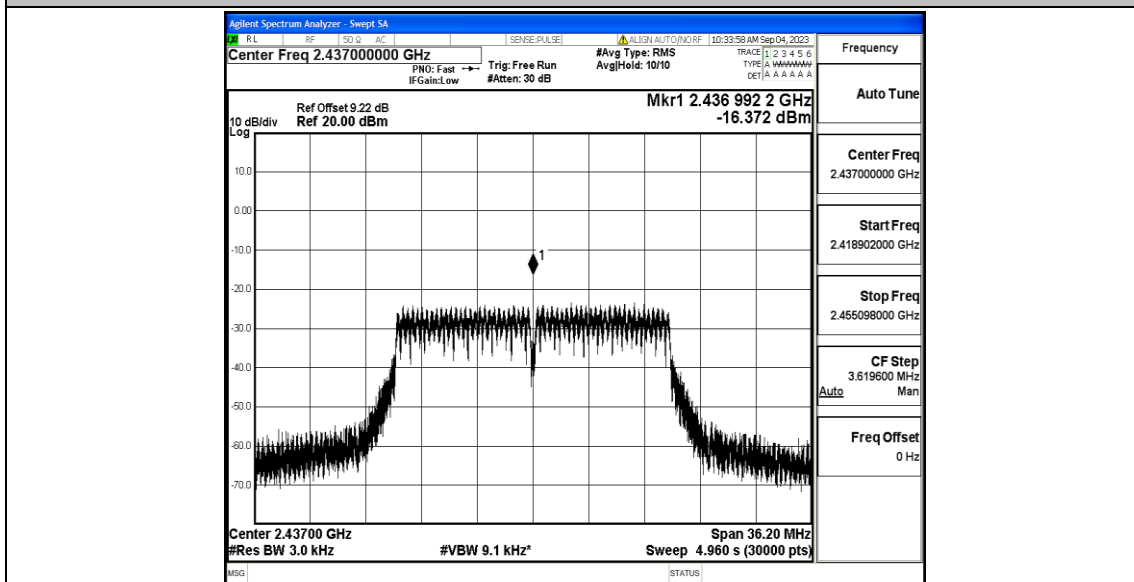
11G_Ant1_2462



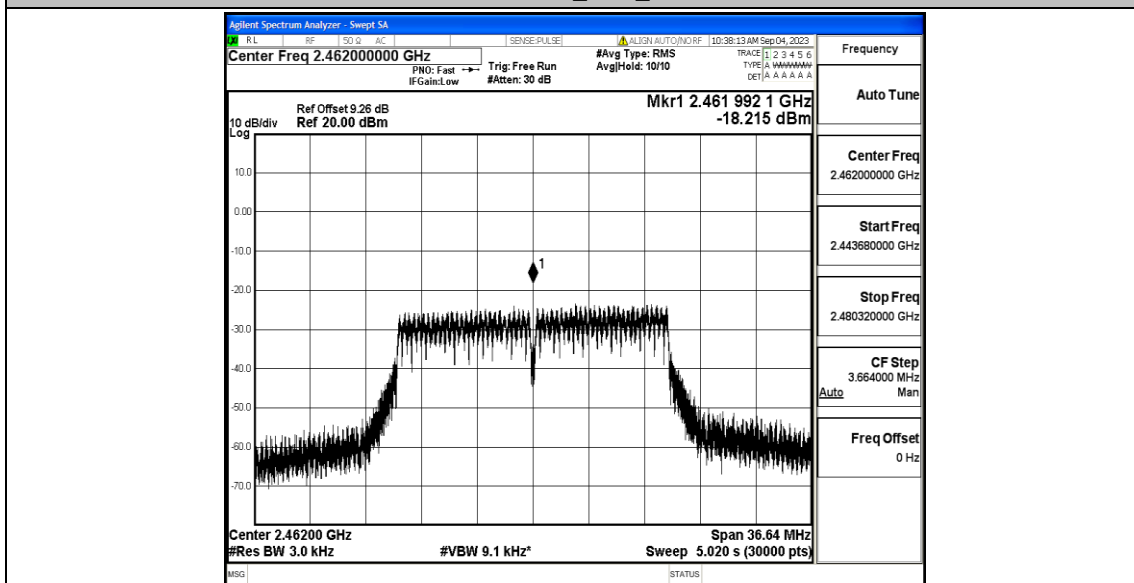
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



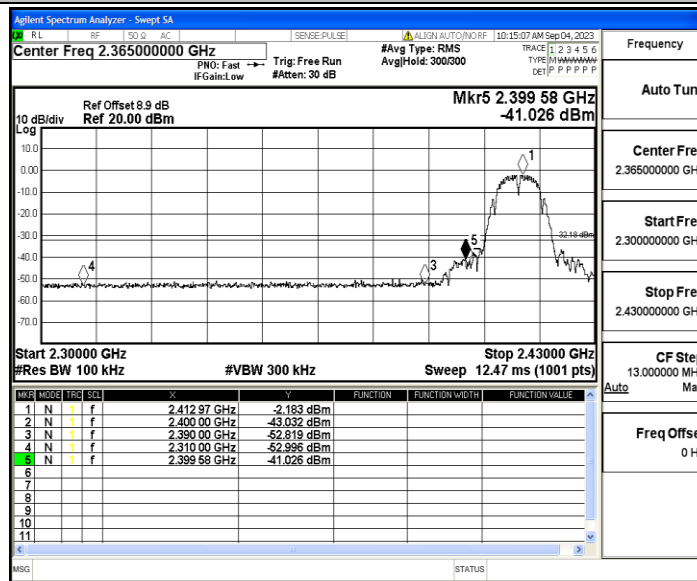
Appendix E: Band edge measurements

Test Result

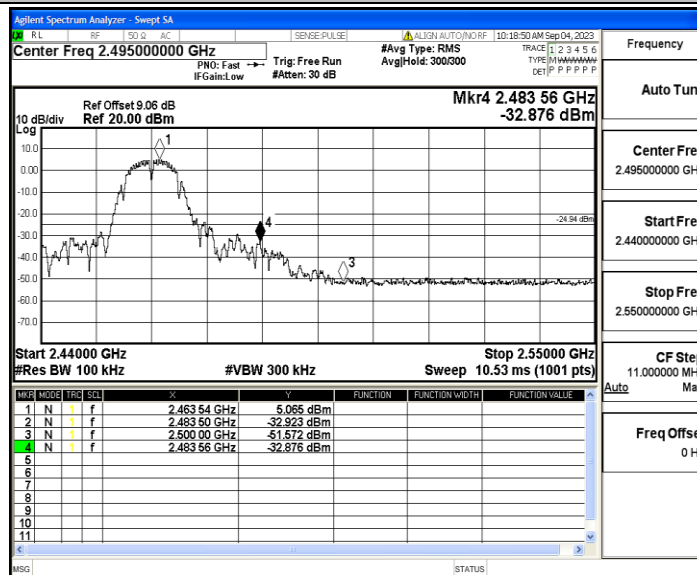
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-2.18	-41.03	≤ -32.18	PASS
		High	2462	5.07	-32.88	≤ -24.94	PASS
11G	Ant1	Low	2412	-2.82	-33.77	≤ -32.82	PASS
		High	2462	-1.57	-34.26	≤ -31.57	PASS
11N20SISO	Ant1	Low	2412	-3.49	-34.73	≤ -33.49	PASS
		High	2462	-2.52	-35.64	≤ -32.52	PASS

Test Graphs

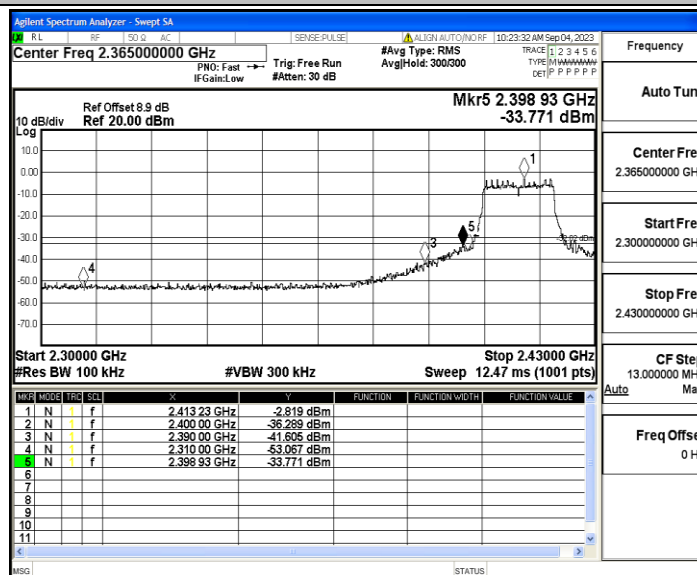
11B_Ant1_Low_2412



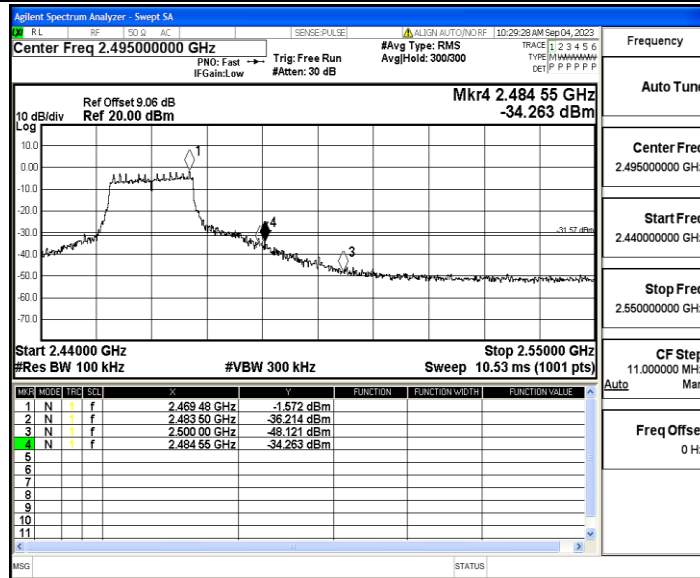
11B_Ant1_High_2462



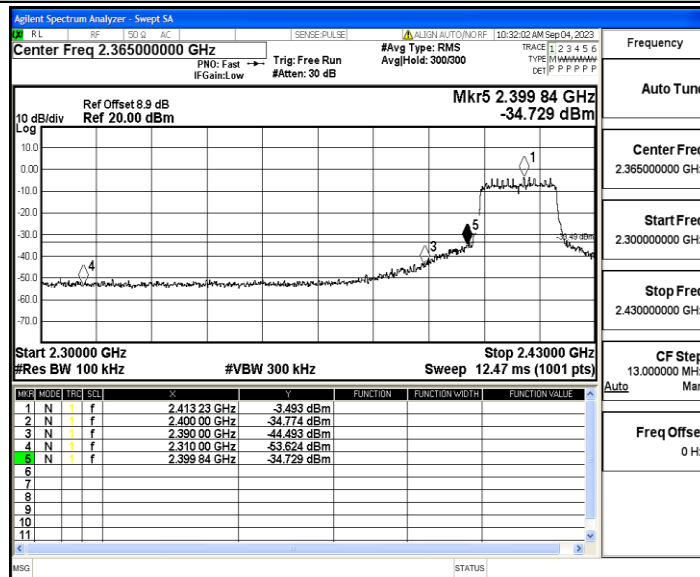
11G_Ant1_Low_2412



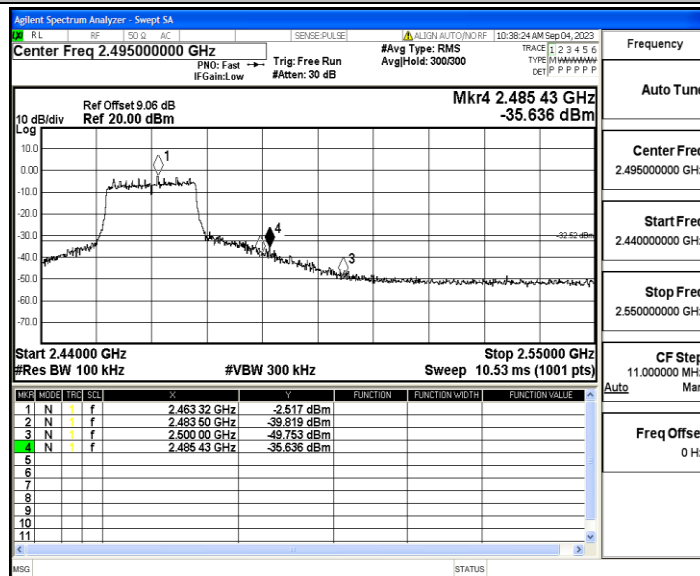
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



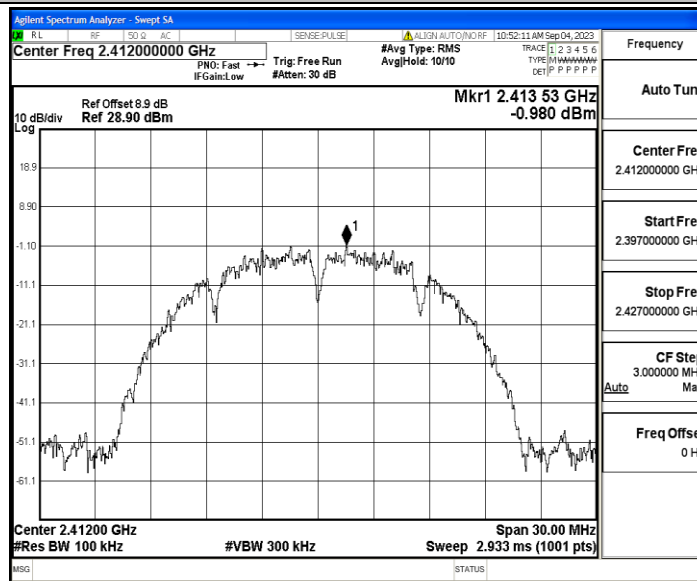
Appendix F: Conducted Spurious Emission

Test Result

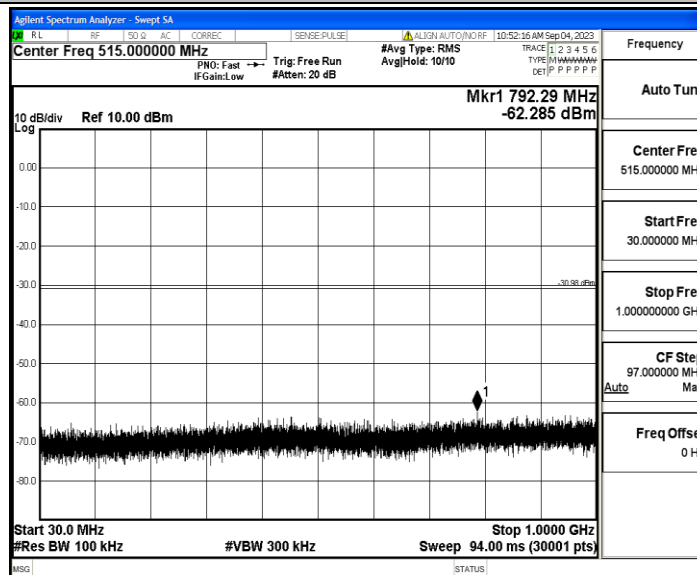
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-0.98	-0.98	---	PASS
			30~1000	-0.98	-62.29	≤-30.98	PASS
			1000~26500	-0.98	-50.65	≤-30.98	PASS
		2437	Reference	4.81	4.81	---	PASS
			30~1000	4.81	-62.05	≤-25.19	PASS
			1000~26500	4.81	-49.94	≤-25.19	PASS
		2462	Reference	-0.80	-0.80	---	PASS
			30~1000	-0.80	-62.66	≤-30.8	PASS
			1000~26500	-0.80	-50.59	≤-30.8	PASS
11G	Ant1	2412	Reference	-3.84	-3.84	---	PASS
			30~1000	-3.84	-62.91	≤-33.84	PASS
			1000~26500	-3.84	-50.17	≤-33.84	PASS
		2437	Reference	-0.88	-0.88	---	PASS
			30~1000	-0.88	-62.13	≤-30.88	PASS
			1000~26500	-0.88	-49.73	≤-30.88	PASS
		2462	Reference	-5.38	-5.38	---	PASS
			30~1000	-5.38	-62.14	≤-35.38	PASS
			1000~26500	-5.38	-49.62	≤-35.38	PASS
11N20SISO	Ant1	2412	Reference	-6.75	-6.75	---	PASS
			30~1000	-6.75	-62.7	≤-36.75	PASS
			1000~26500	-6.75	-50.26	≤-36.75	PASS
		2437	Reference	-4.84	-4.84	---	PASS
			30~1000	-4.84	-62.39	≤-34.84	PASS
			1000~26500	-4.84	-50.74	≤-34.84	PASS
		2462	Reference	-6.40	-6.40	---	PASS
			30~1000	-6.40	-62.57	≤-36.4	PASS
			1000~26500	-6.40	-49.9	≤-36.4	PASS

Test Graphs

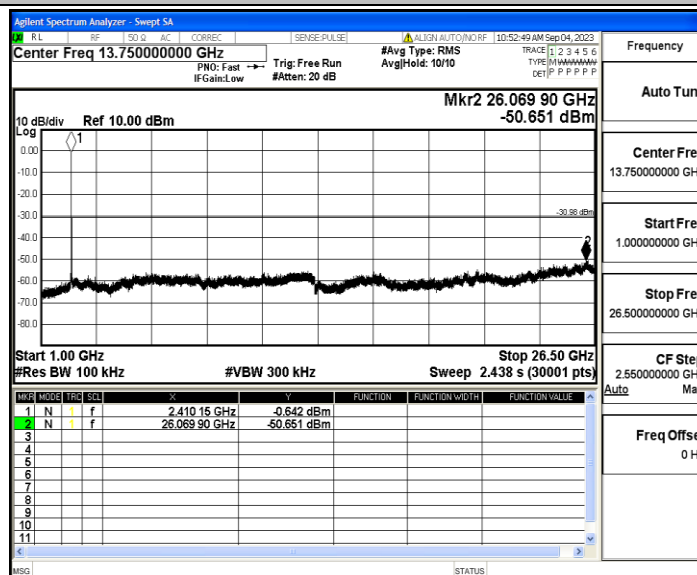
11B_Ant1_2412_0~Reference



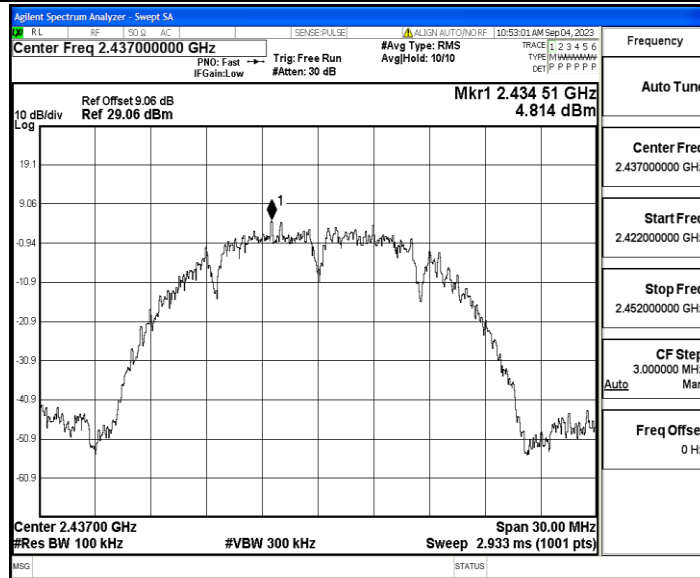
11B_Ant1_2412_30~1000



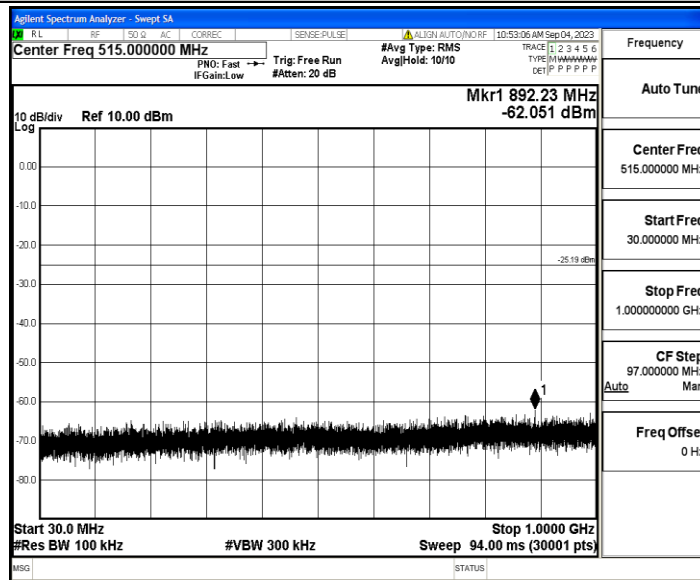
11B_Ant1_2412_1000~26500



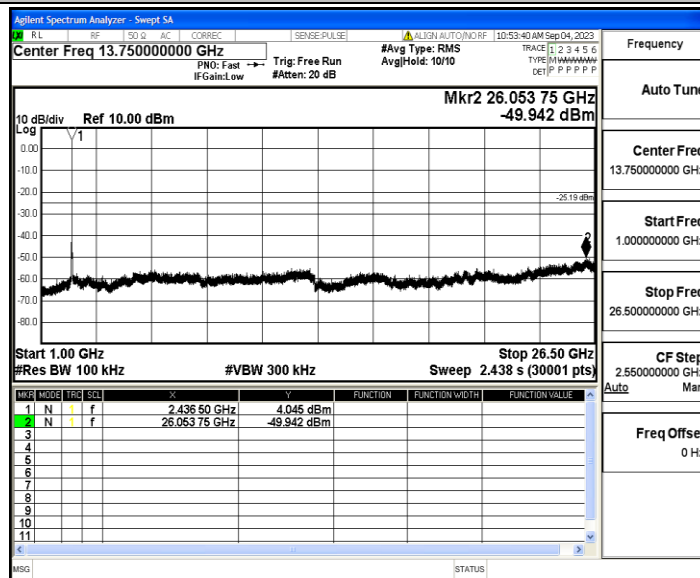
11B_Ant1_2437_0~Reference



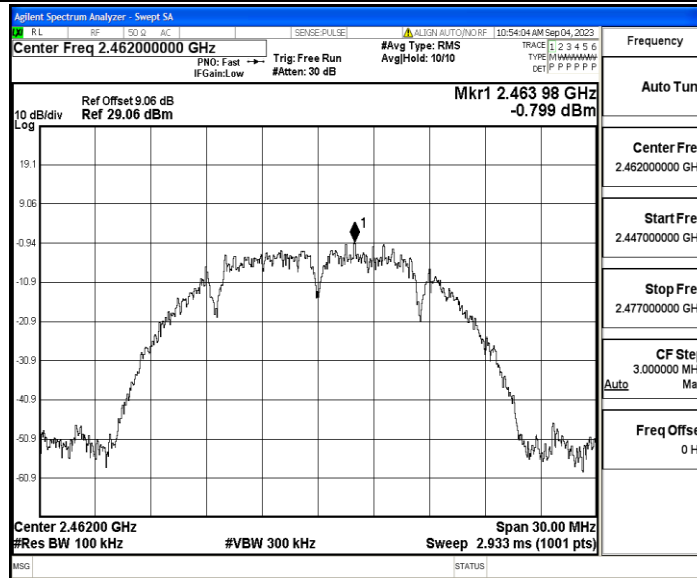
11B_Ant1_2437_30~1000



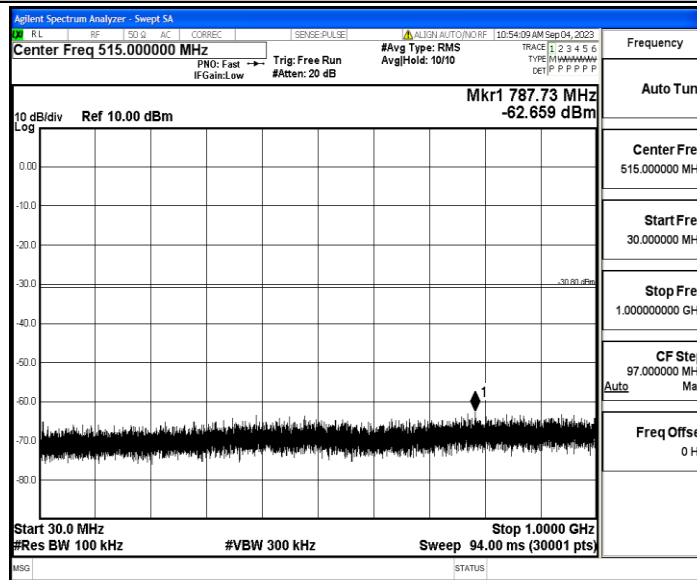
11B_Ant1_2437_1000~26500



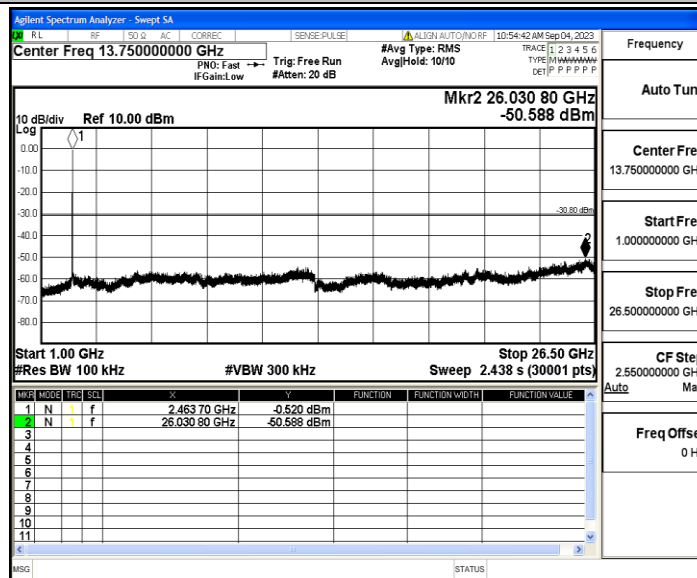
11B_Ant1_2462_0~Reference



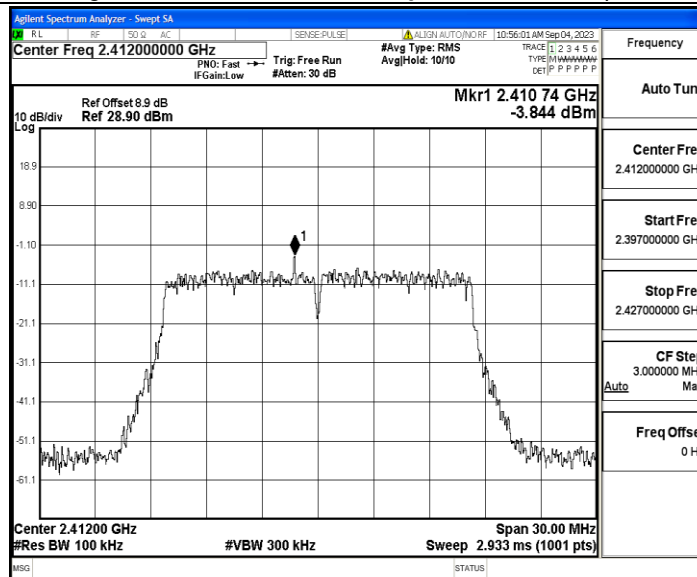
11B_Ant1_2462_30~1000



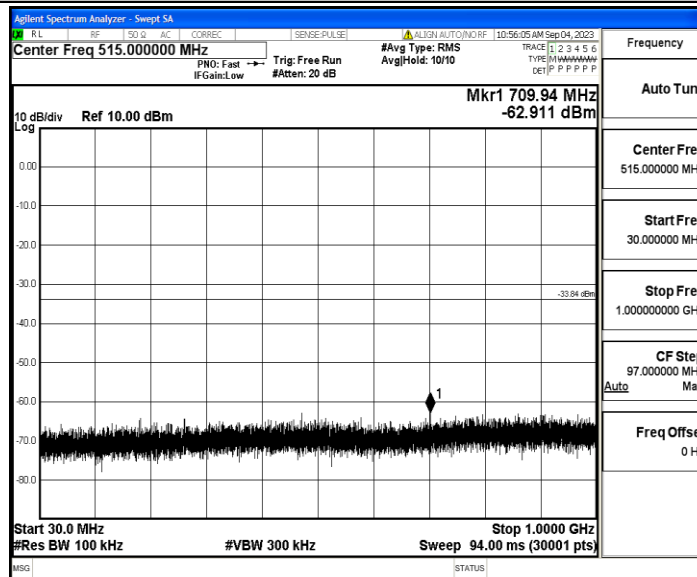
11B_Ant1_2462_1000~26500



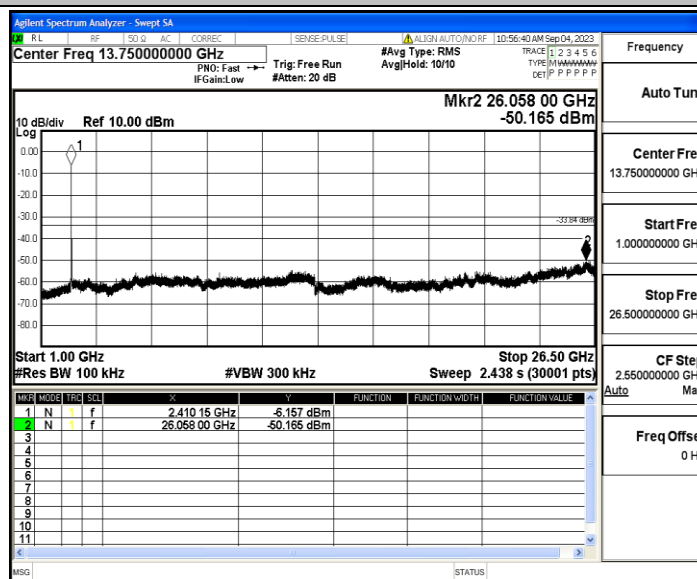
11G_Ant1_2412_0~Reference



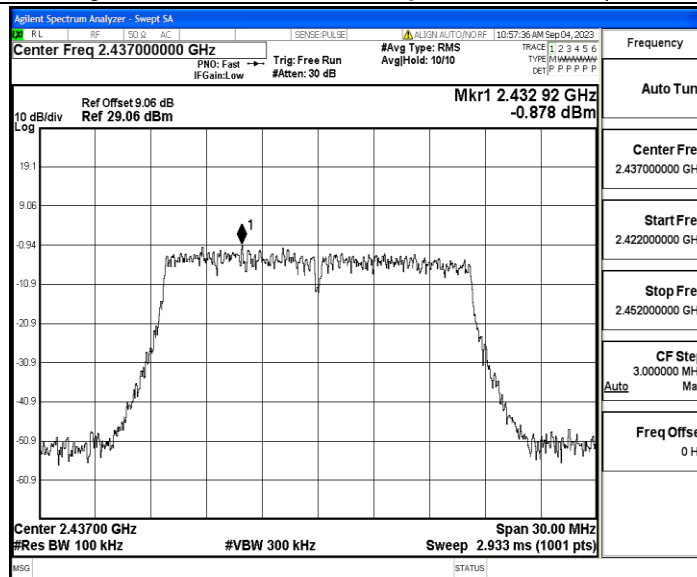
11G_Ant1_2412_30~1000



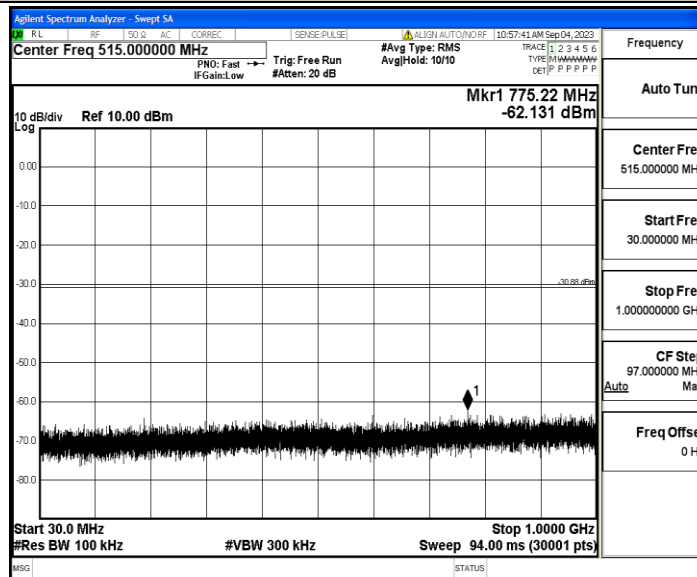
11G_Ant1_2412_1000~26500



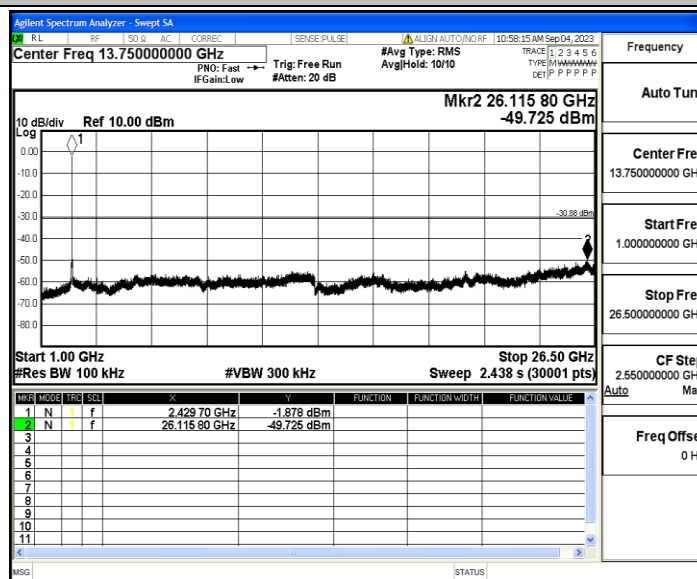
11G_Ant1_2437_0~Reference



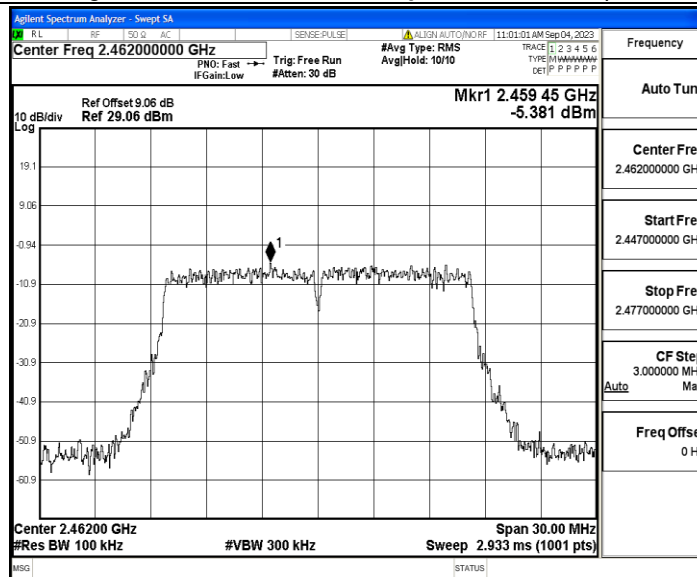
11G_Ant1_2437_30~1000



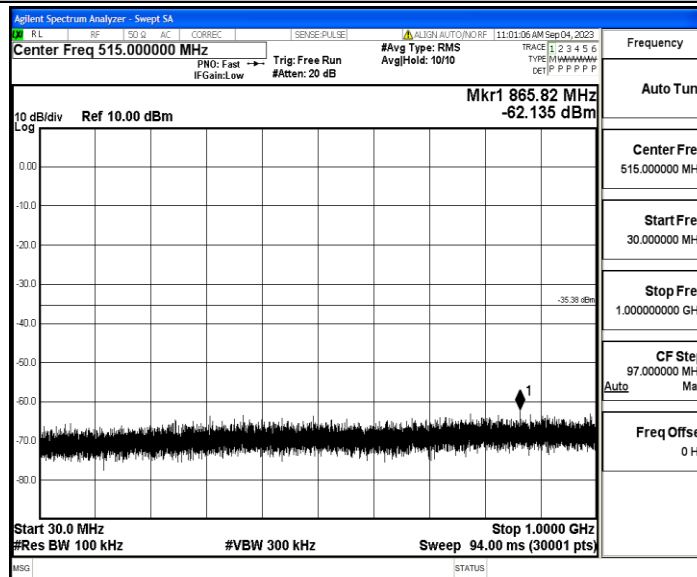
11G_Ant1_2437_1000~26500



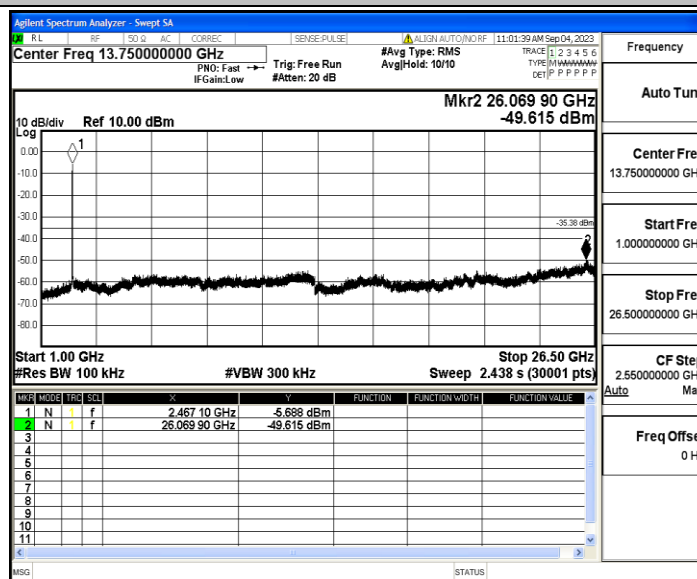
11G_Ant1_2462_0~Reference



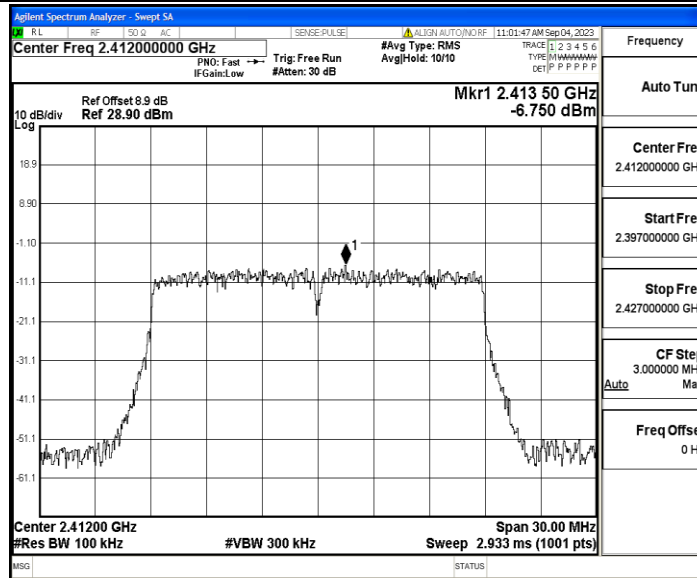
11G_Ant1_2462_30~1000



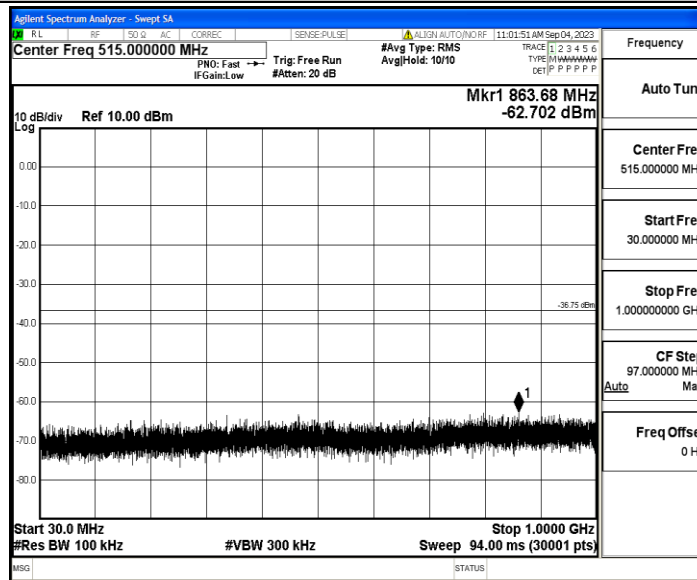
11G_Ant1_2462_1000~26500



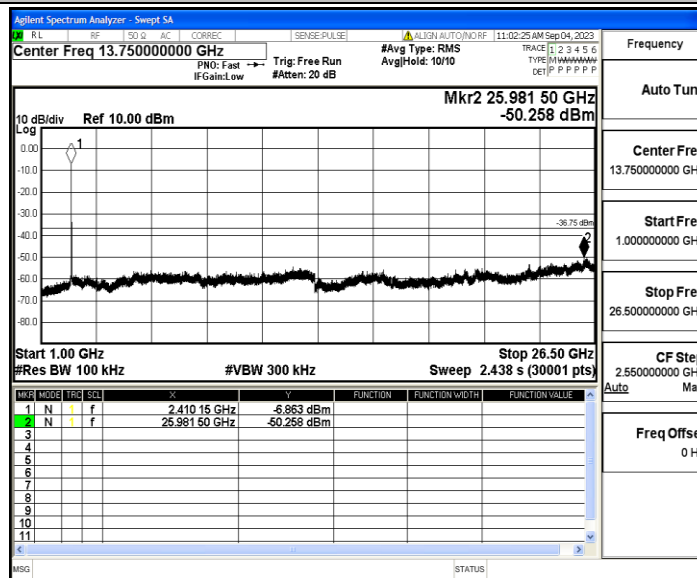
11N20SISO_Ant1_2412_0~Reference



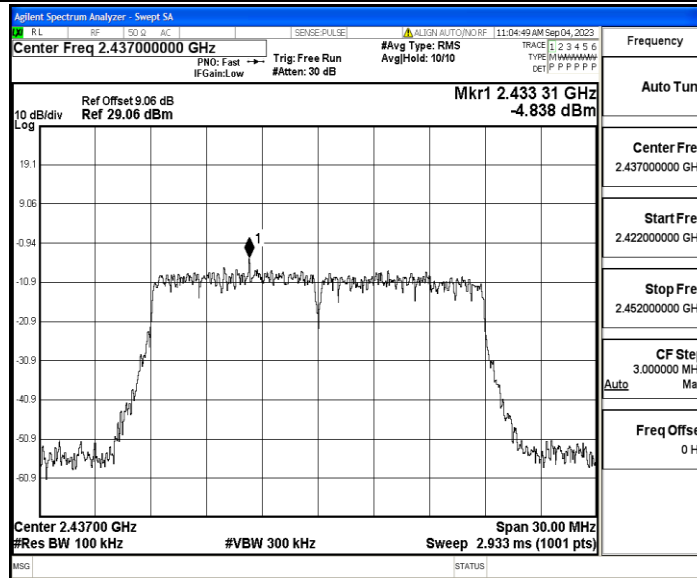
11N20SISO_Ant1_2412_30~1000



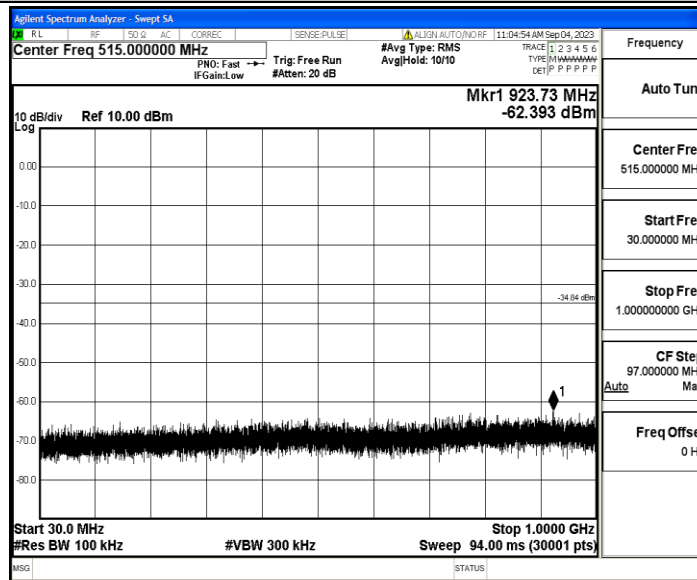
11N20SISO_Ant1_2412_1000~26500



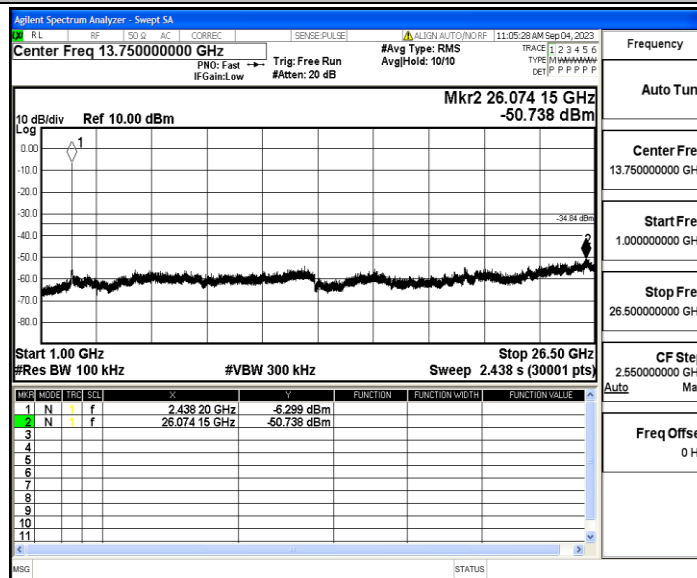
11N20SISO_Ant1_2437_0~Reference



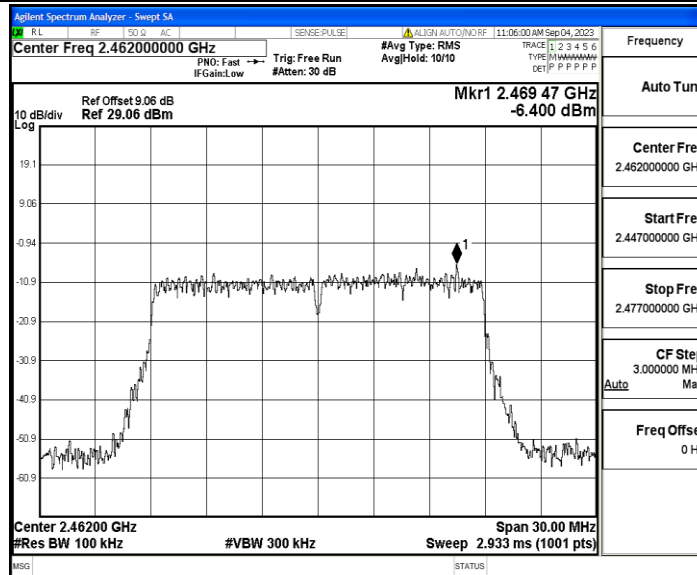
11N20SISO_Ant1_2437_30~1000



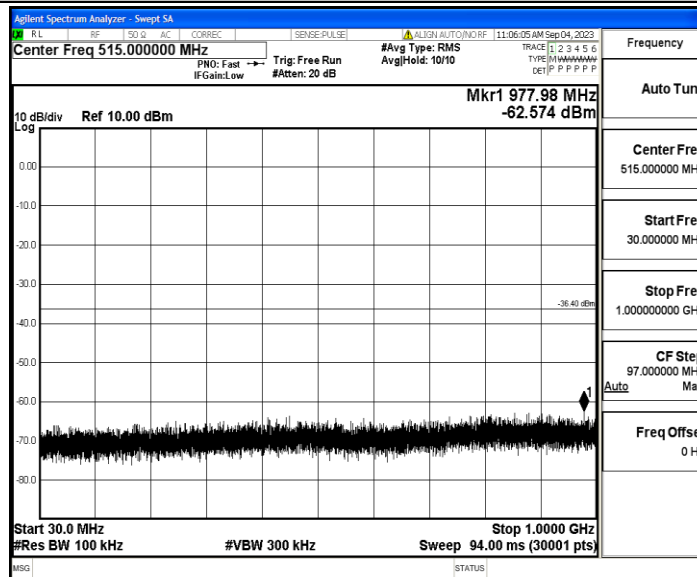
11N20SISO_Ant1_2437_1000~26500



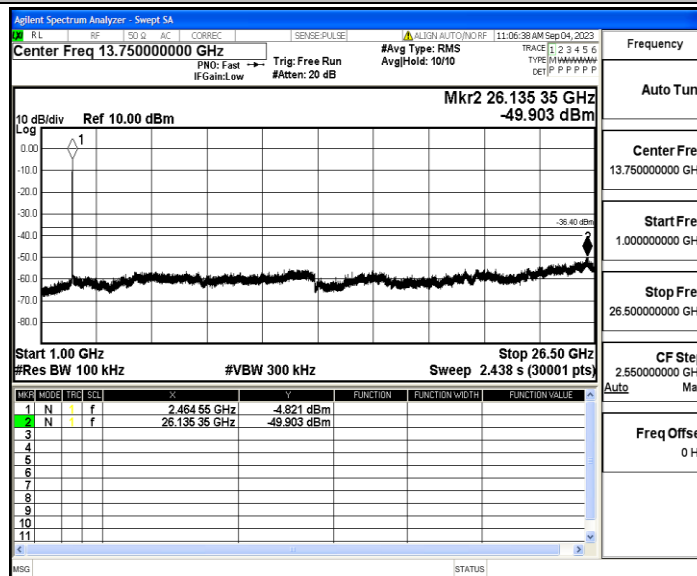
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



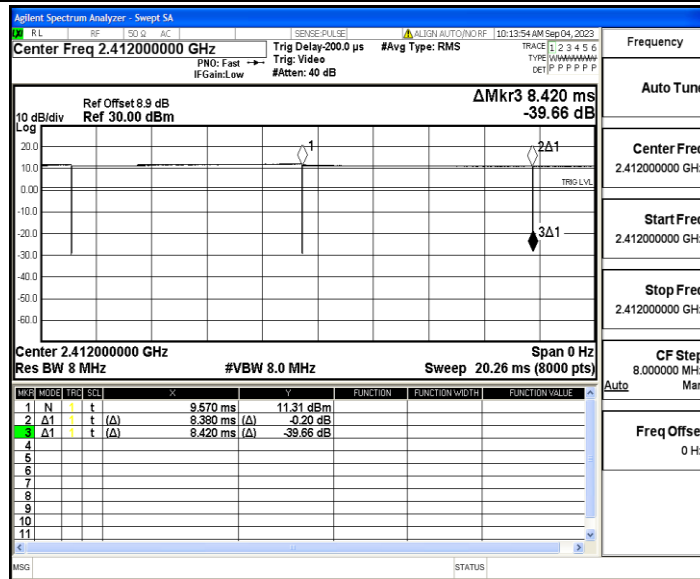
Appendix G: Duty Cycle

Test Result

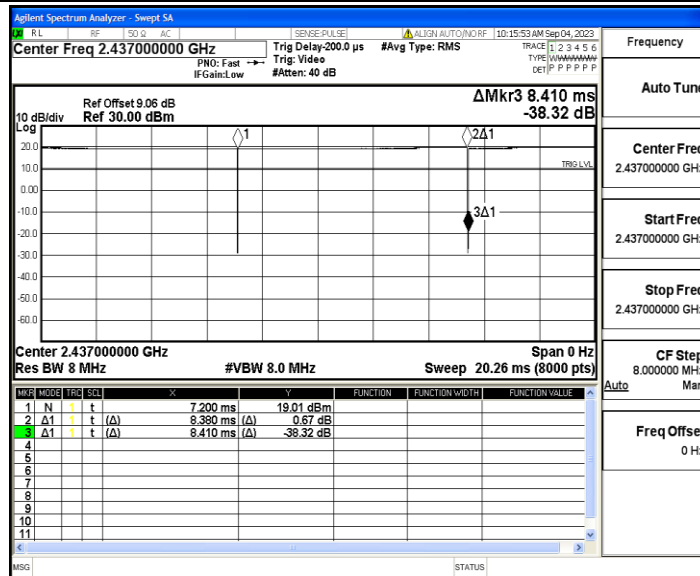
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
11B	Ant1	2412	8.38	8.42	99.52	0.12
		2437	8.38	8.41	99.64	0.12
		2462	8.39	8.42	99.64	0.12
11G	Ant1	2412	1.39	1.44	96.53	0.72
		2437	1.39	1.45	95.86	0.72
		2462	1.39	1.44	96.53	0.72
11N20SISO	Ant1	2412	1.30	1.35	96.30	0.77
		2437	1.30	1.35	96.30	0.77
		2462	1.30	1.36	95.59	0.77

Test Graphs

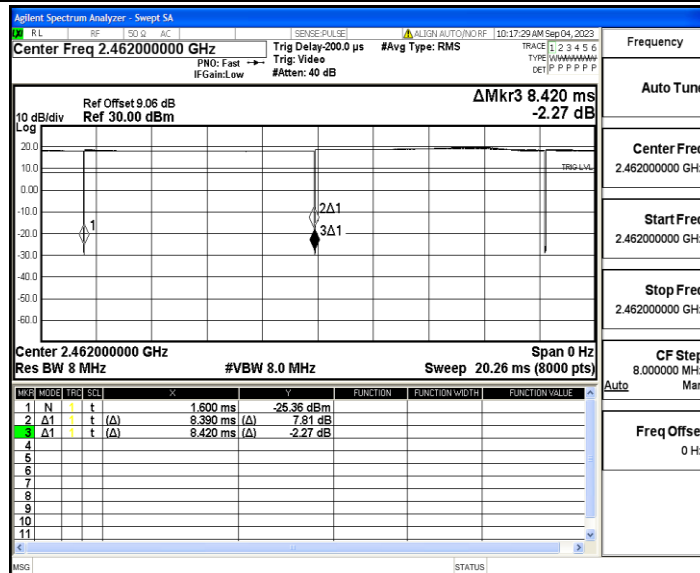
11B_Ant1_2412



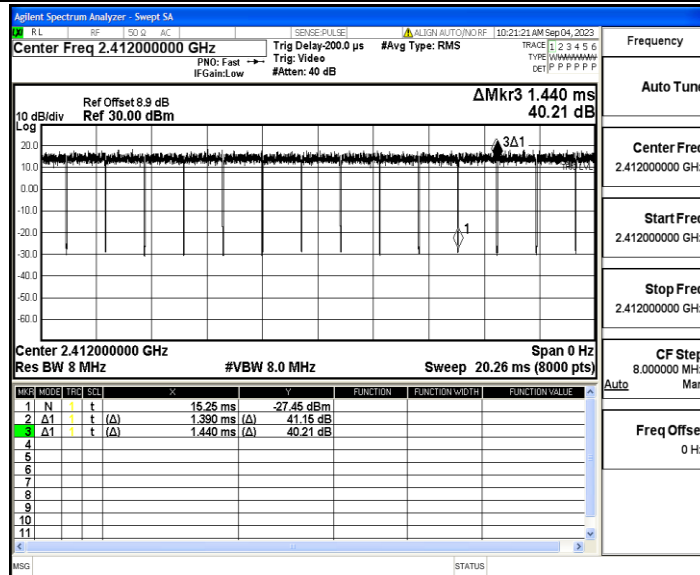
11B_Ant1_2437



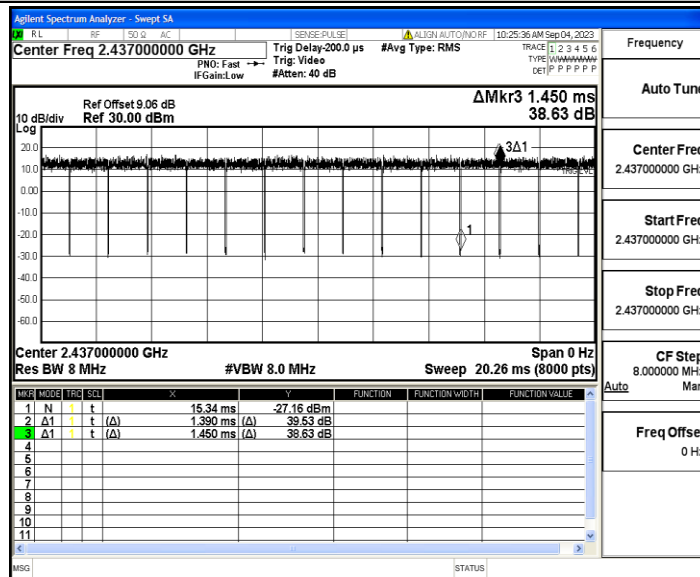
11B_Ant1_2462



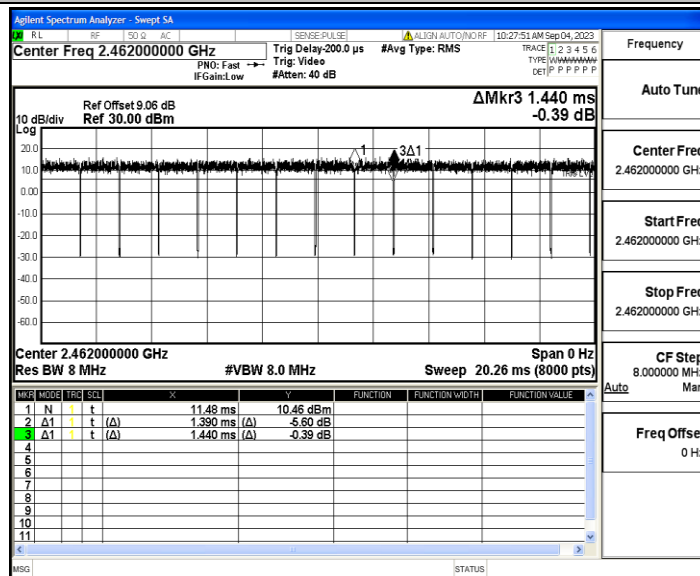
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412

