

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	9.080	2407.440	2416.520	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	8.560	2457.480	2466.040	0.5	PASS
11G	Ant1	2412	15.440	2404.480	2419.920	0.5	PASS
		2437	15.080	2429.480	2444.560	0.5	PASS
		2462	13.880	2455.680	2469.560	0.5	PASS
11N20SISO	Ant1	2412	11.760	2405.680	2417.440	0.5	PASS
		2437	15.080	2429.440	2444.520	0.5	PASS
		2462	14.720	2454.760	2469.480	0.5	PASS
11N40SISO	Ant1	2422	32.560	2405.680	2438.240	0.5	PASS
		2437	29.920	2422.040	2451.960	0.5	PASS
		2452	35.040	2434.480	2469.520	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



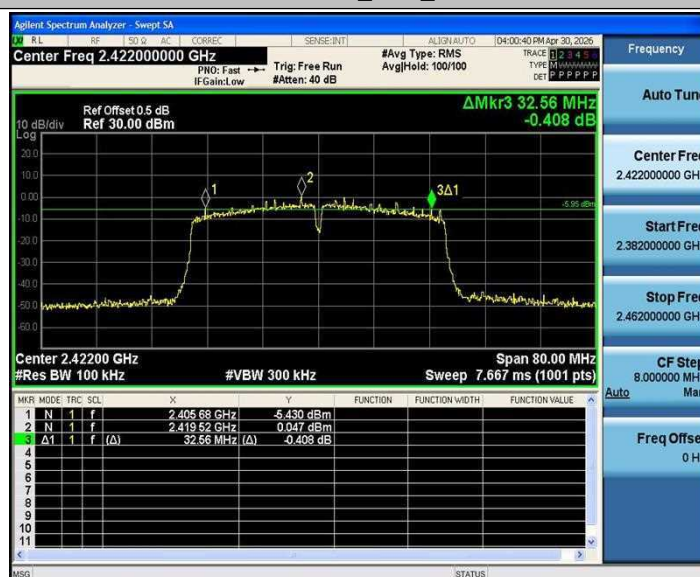
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	13.949	2405.0405	2418.9895	---	---
		2437	13.950	2430.0432	2443.9932	---	---
		2462	13.948	2455.0401	2468.9881	---	---
11G	Ant1	2412	16.486	2403.7694	2420.2554	---	---
		2437	16.478	2428.7538	2445.2318	---	---
		2462	16.562	2453.6988	2470.2608	---	---
11N20SISO	Ant1	2412	17.567	2403.2455	2420.8125	---	---
		2437	17.562	2428.2773	2445.8393	---	---
		2462	17.545	2453.2347	2470.7797	---	---
11N40SISO	Ant1	2422	35.285	2404.4340	2439.7190	---	---
		2437	35.286	2419.4254	2454.7114	---	---
		2452	35.280	2434.4329	2469.7129	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



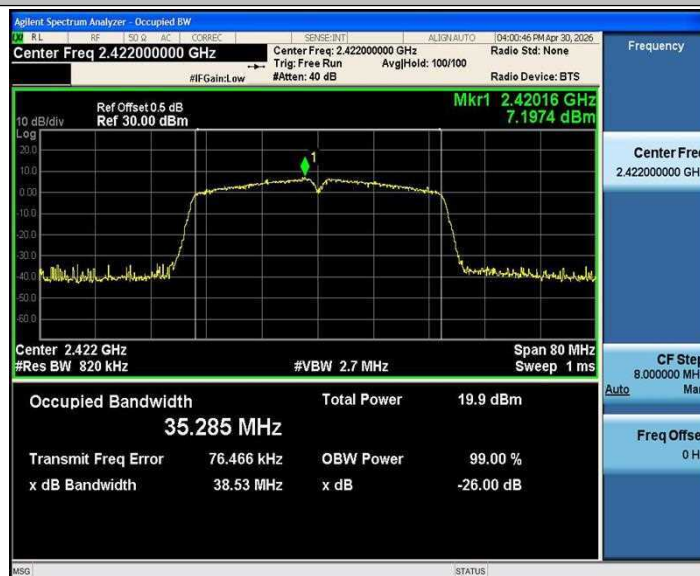
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



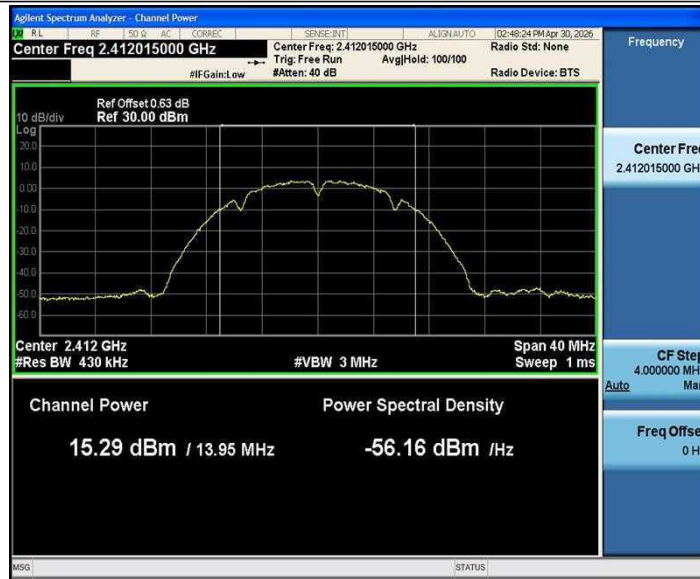
Appendix C: Maximum conducted output power

Test Result Average

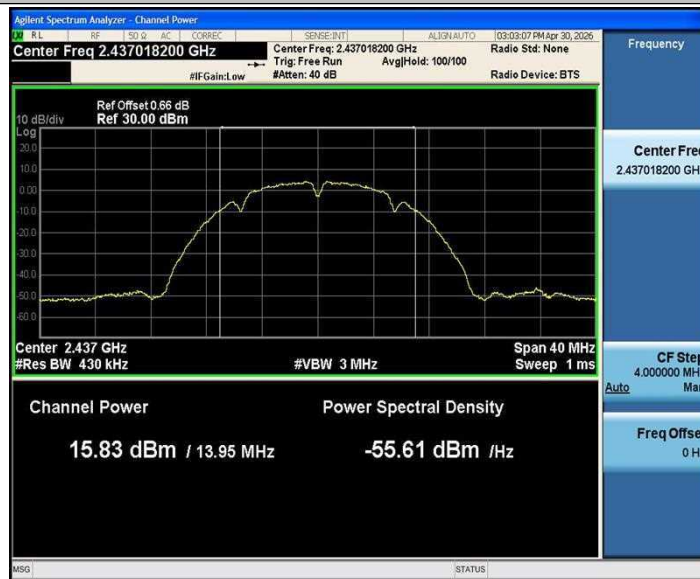
Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.29	≤30.00	PASS
		2437	15.83	≤30.00	PASS
		2462	15.64	≤30.00	PASS
11G	Ant1	2412	15.20	≤30.00	PASS
		2437	14.82	≤30.00	PASS
		2462	14.95	≤30.00	PASS
11N20SISO	Ant1	2412	13.82	≤30.00	PASS
		2437	14.40	≤30.00	PASS
		2462	13.65	≤30.00	PASS
11N40SISO	Ant1	2422	13.20	≤30.00	PASS
		2437	13.40	≤30.00	PASS
		2452	12.43	≤30.00	PASS

Test Graphs Average

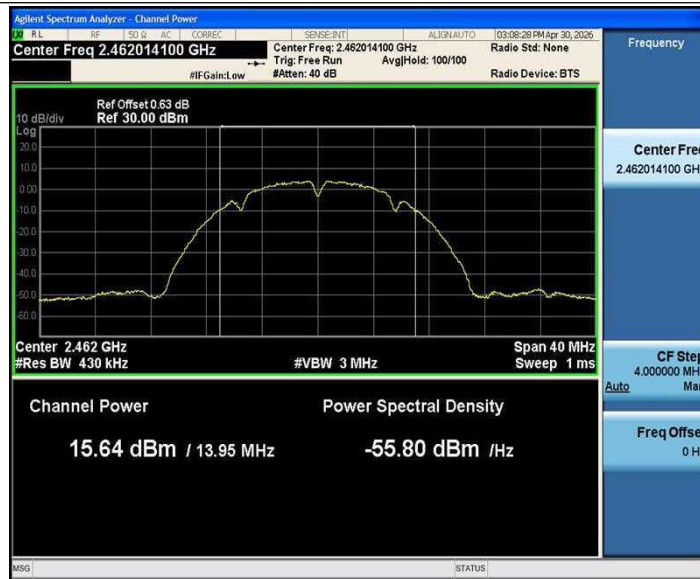
11B_Ant1_2412



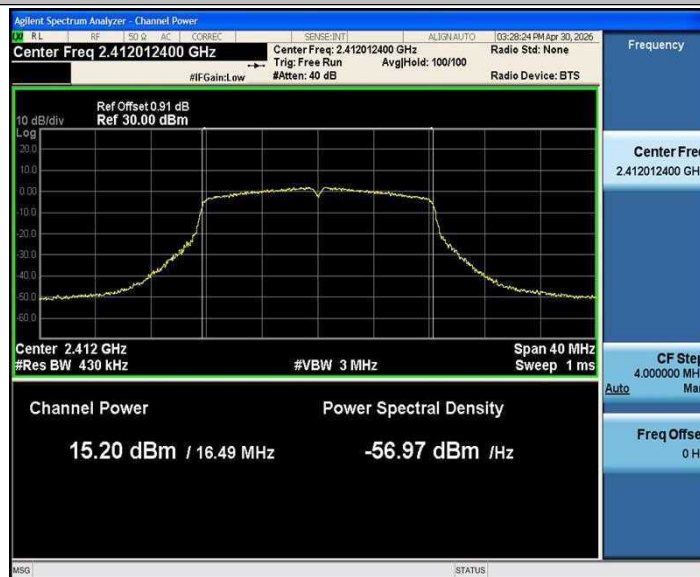
11B_Ant1_2437



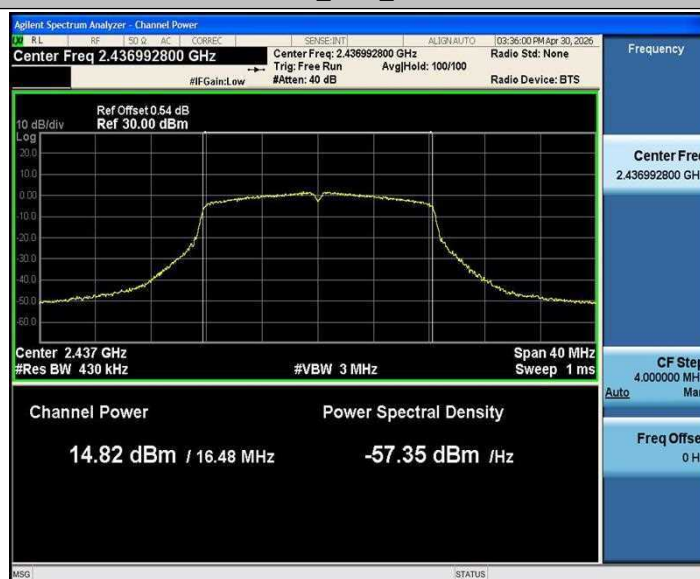
11B_Ant1_2462



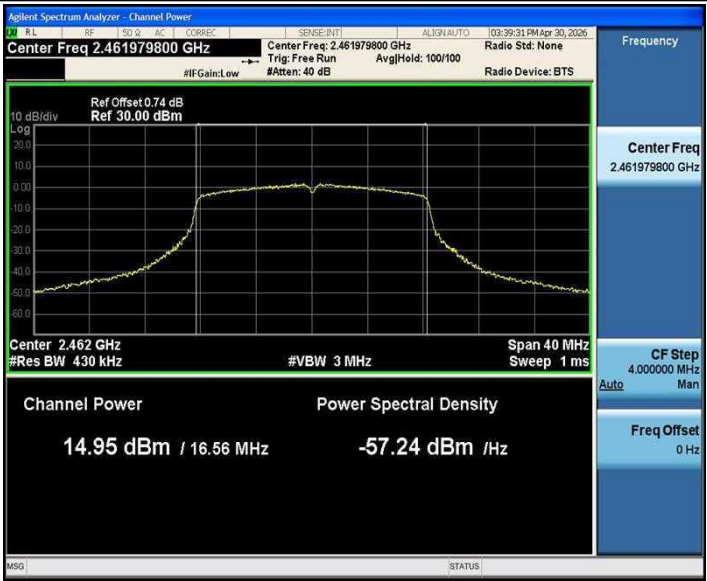
11G_Ant1_2412



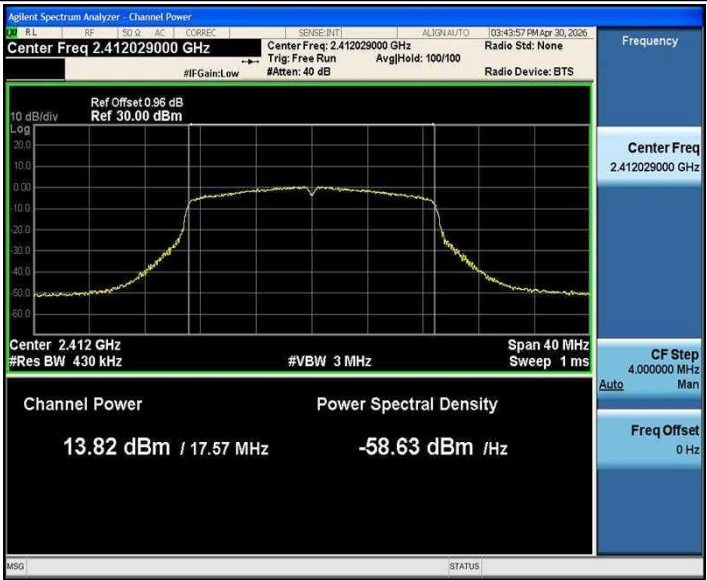
11G_Ant1_2437



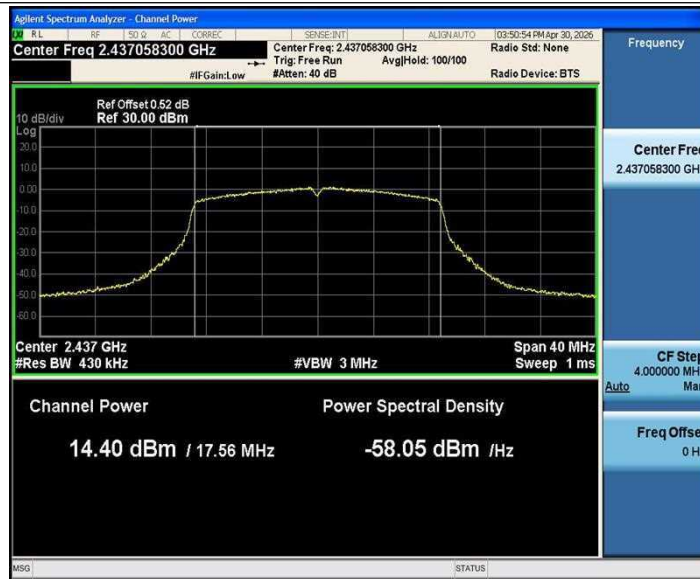
11G_Ant1_2462



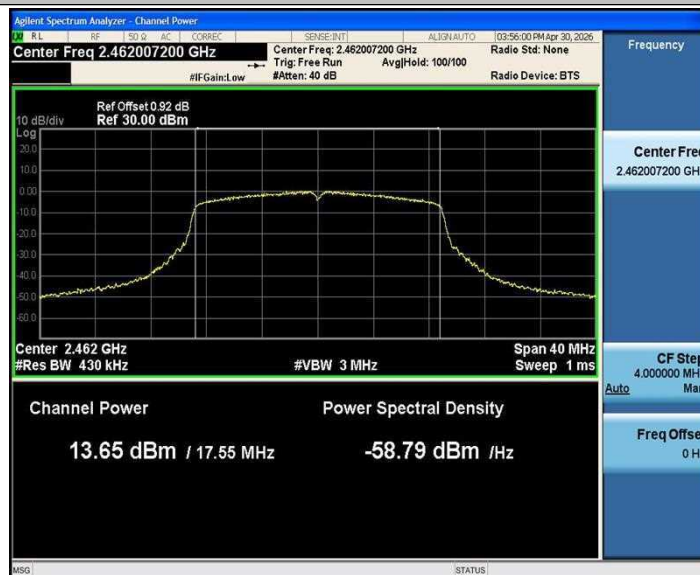
11N20SISO_Ant1_2412



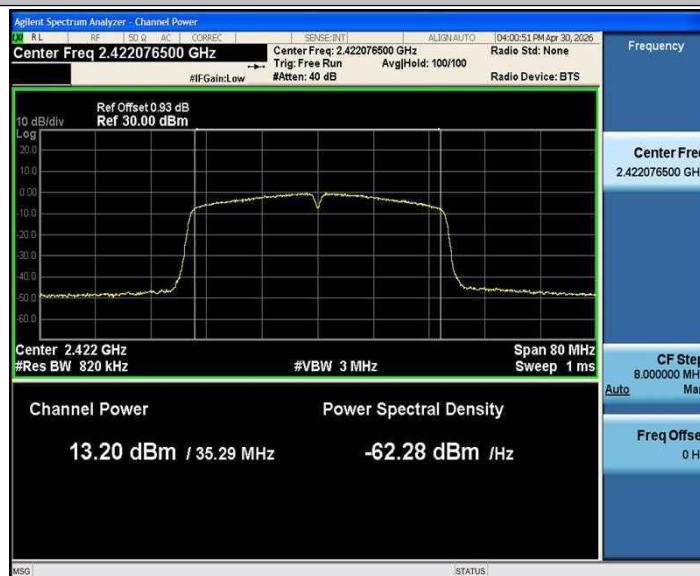
11N20SISO_Ant1_2437



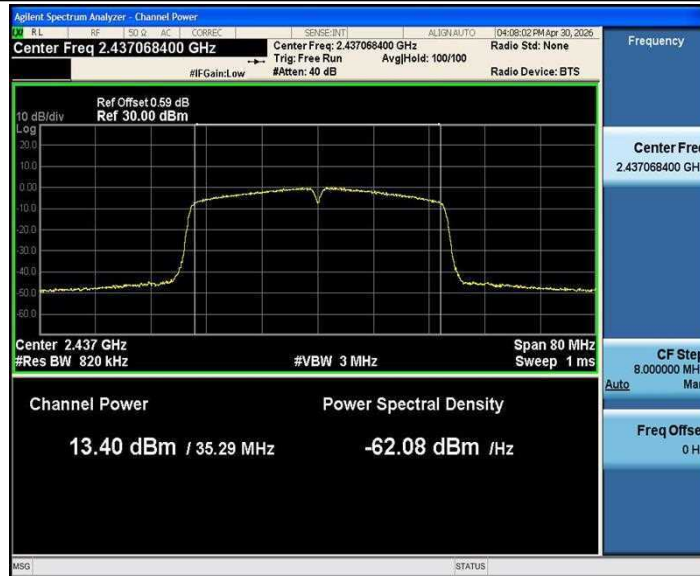
11N20SISO_Ant1_2462



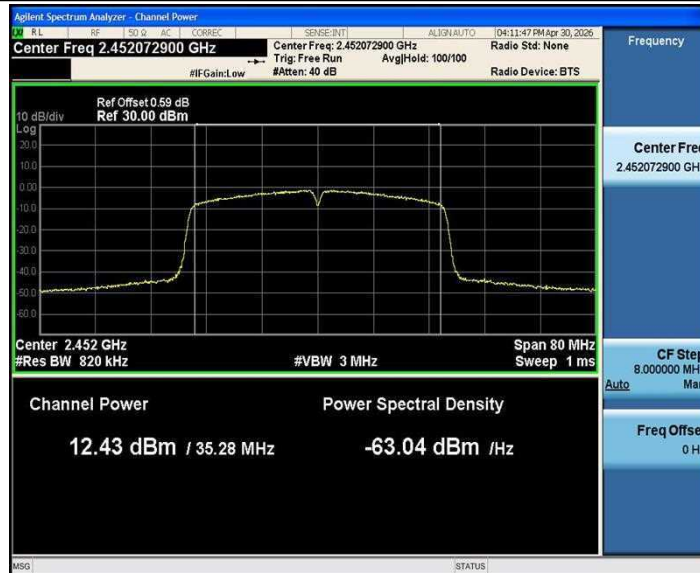
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.20	≤8.00	PASS
		2437	-13.75	≤8.00	PASS
		2462	-14.07	≤8.00	PASS
11G	Ant1	2412	-13.43	≤8.00	PASS
		2437	-14.83	≤8.00	PASS
		2462	-14.54	≤8.00	PASS
11N20SISO	Ant1	2412	-15.57	≤8.00	PASS
		2437	-14.77	≤8.00	PASS
		2462	-15.75	≤8.00	PASS
11N40SISO	Ant1	2422	-18.18	≤8.00	PASS
		2437	-17.69	≤8.00	PASS
		2452	-18.15	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



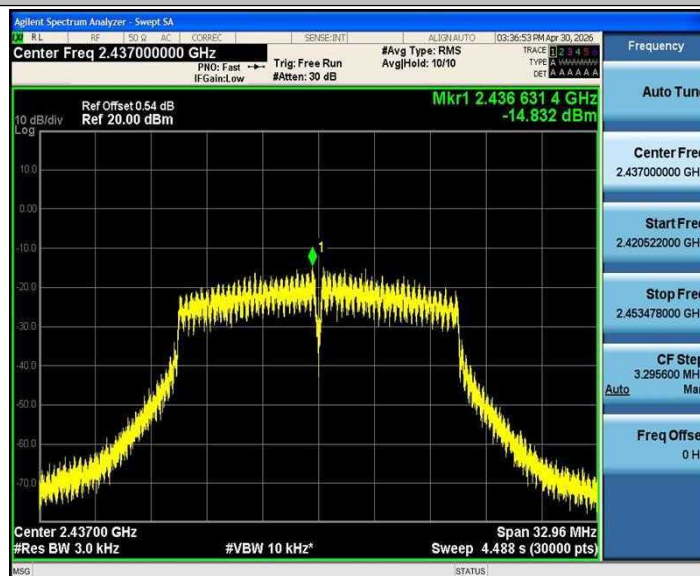
11B_Ant1_2462



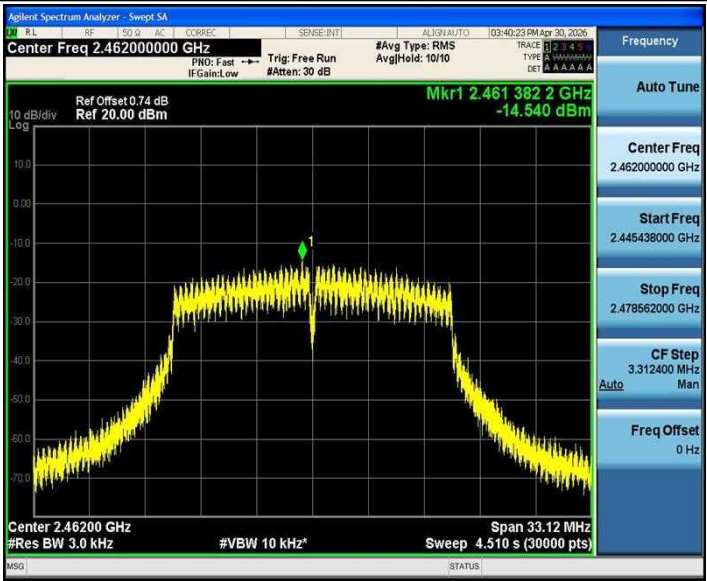
11G_Ant1_2412



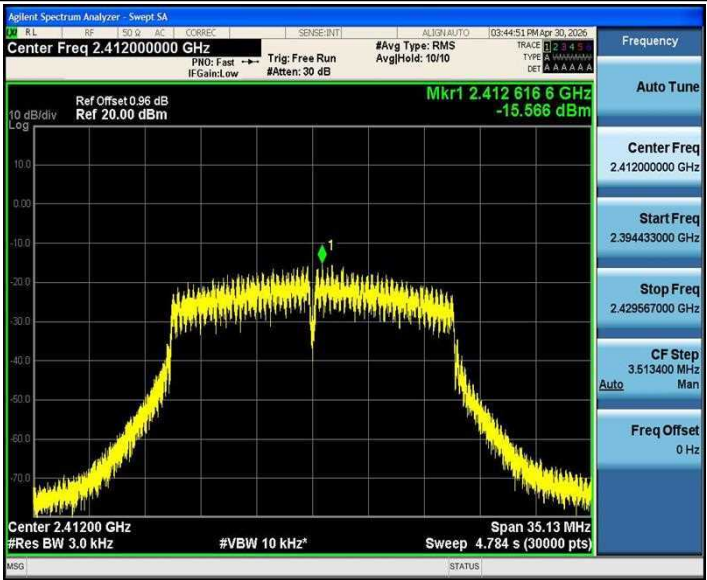
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



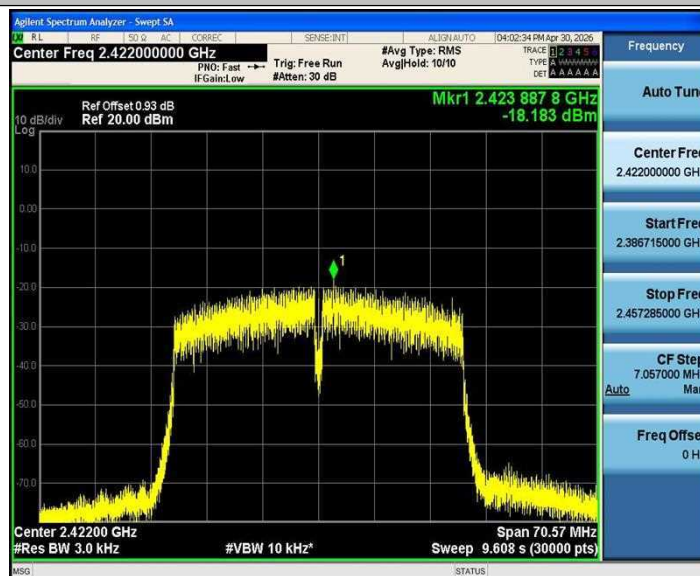
11N20SISO_Ant1_2437



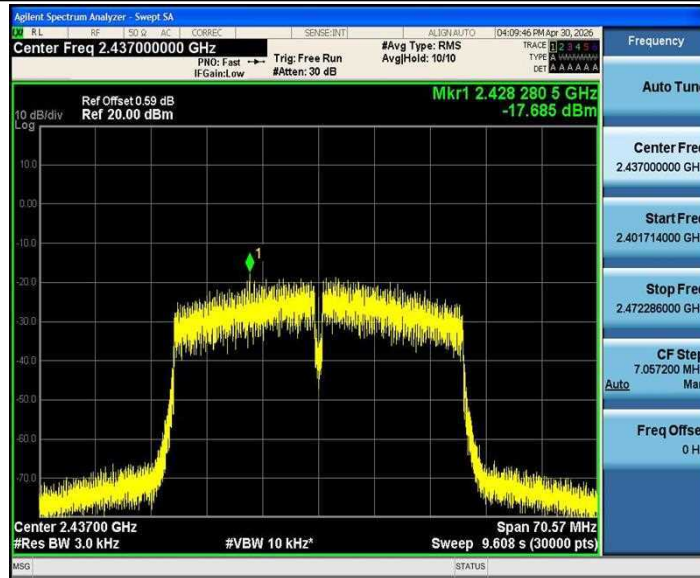
11N20SISO_Ant1_2462



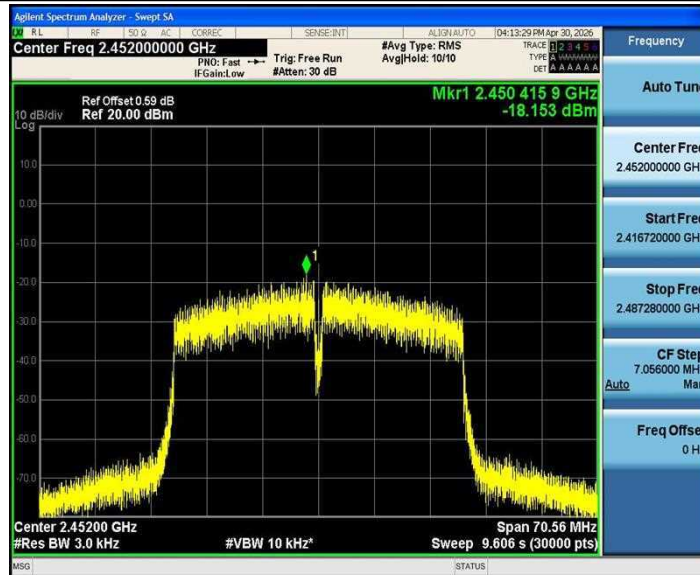
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



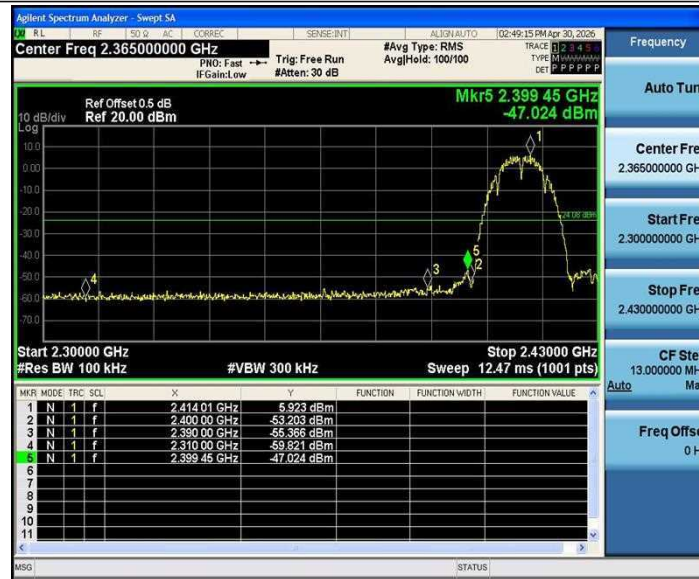
Appendix E: Band edge measurements

Test Result

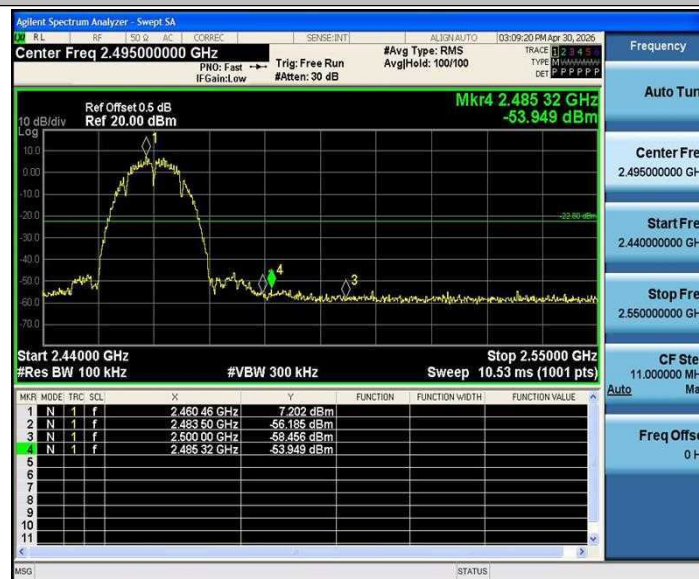
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	5.92	-47.02	≤-24.08	PASS
		High	2462	7.20	-53.95	≤-22.8	PASS
11G	Ant1	Low	2412	4.89	-37.71	≤-25.11	PASS
		High	2462	3.53	-49.77	≤-26.47	PASS
11N20SISO	Ant1	Low	2412	3.39	-37.5	≤-26.61	PASS
		High	2462	2.45	-51.96	≤-27.55	PASS
11N40SISO	Ant1	Low	2422	0.20	-49.04	≤-29.8	PASS
		High	2452	0.02	-48.04	≤-29.98	PASS

Test Graphs

11B_Ant1_Low_2412



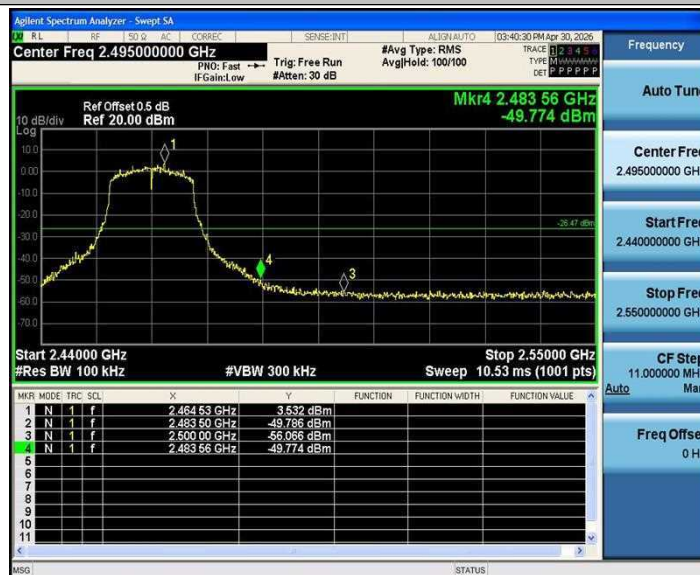
11B_Ant1_High_2462



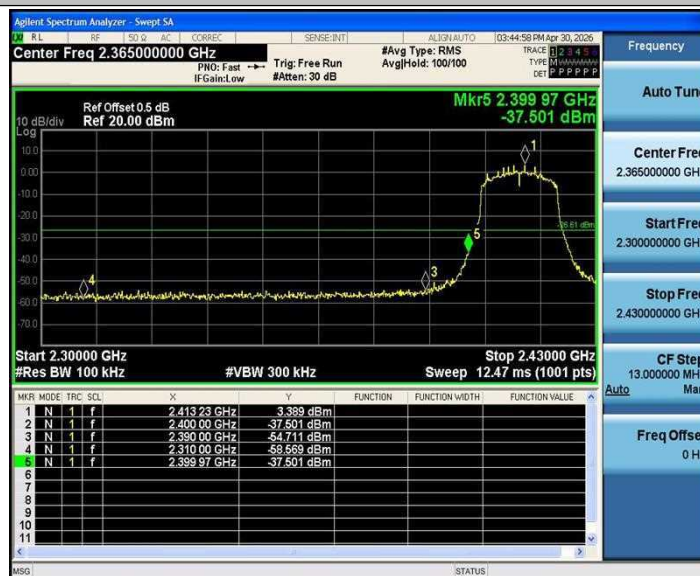
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.22	5.22	---	PASS
			30~1000	5.22	-68.69	≤-24.78	PASS
			1000~26500	5.22	-44.8	≤-24.78	PASS
		2437	Reference	7.19	7.19	---	PASS
			30~1000	7.19	-69.07	≤-22.81	PASS
			1000~26500	7.19	-44.92	≤-22.81	PASS
		2462	Reference	5.84	5.84	---	PASS
			30~1000	5.84	-67.06	≤-24.16	PASS
			1000~26500	5.84	-44.75	≤-24.16	PASS
11G	Ant1	2412	Reference	2.56	2.56	---	PASS
			30~1000	2.56	-68.81	≤-27.44	PASS
			1000~26500	2.56	-44.82	≤-27.44	PASS
		2437	Reference	1.30	1.30	---	PASS
			30~1000	1.30	-68.73	≤-28.7	PASS
			1000~26500	1.30	-44.24	≤-28.7	PASS
		2462	Reference	3.81	3.81	---	PASS
			30~1000	3.81	-67.6	≤-26.19	PASS
			1000~26500	3.81	-44.31	≤-26.19	PASS
11N20SISO	Ant1	2412	Reference	0.91	0.91	---	PASS
			30~1000	0.91	-68.92	≤-29.09	PASS
			1000~26500	0.91	-44.75	≤-29.09	PASS
		2437	Reference	1.17	1.17	---	PASS
			30~1000	1.17	-68.96	≤-28.83	PASS
			1000~26500	1.17	-44.04	≤-28.83	PASS
		2462	Reference	0.68	0.68	---	PASS
			30~1000	0.68	-68.77	≤-29.32	PASS
			1000~26500	0.68	-43.65	≤-29.32	PASS
11N40SISO	Ant1	2422	Reference	0.32	0.32	---	PASS
			30~1000	0.32	-68.42	≤-29.68	PASS
			1000~26500	0.32	-44.83	≤-29.68	PASS
		2437	Reference	-2.40	-2.40	---	PASS
			30~1000	-2.40	-67.43	≤-32.4	PASS
			1000~26500	-2.40	-44.56	≤-32.4	PASS
		2452	Reference	-1.01	-1.01	---	PASS
			30~1000	-1.01	-68.17	≤-31.01	PASS
			1000~26500	-1.01	-44.84	≤-31.01	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



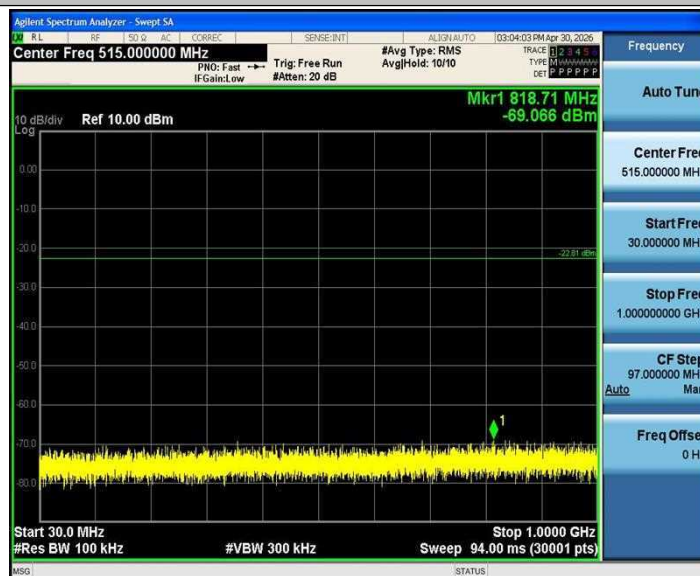
11B_Ant1_2412_1000~26500



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



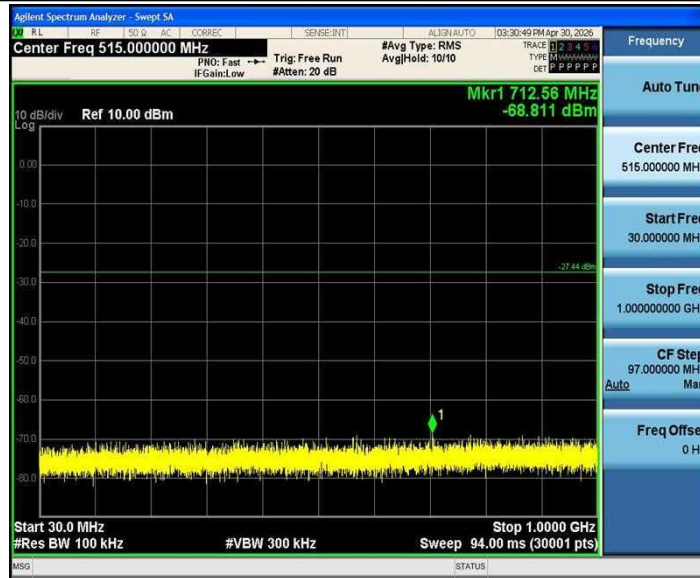
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



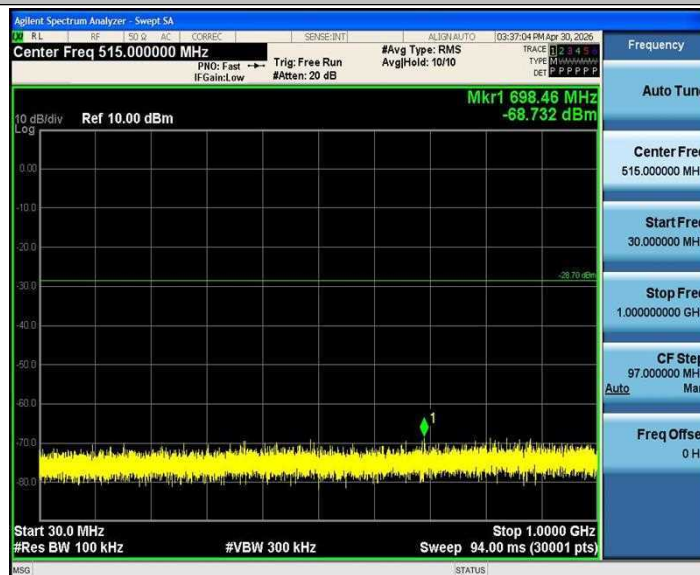
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



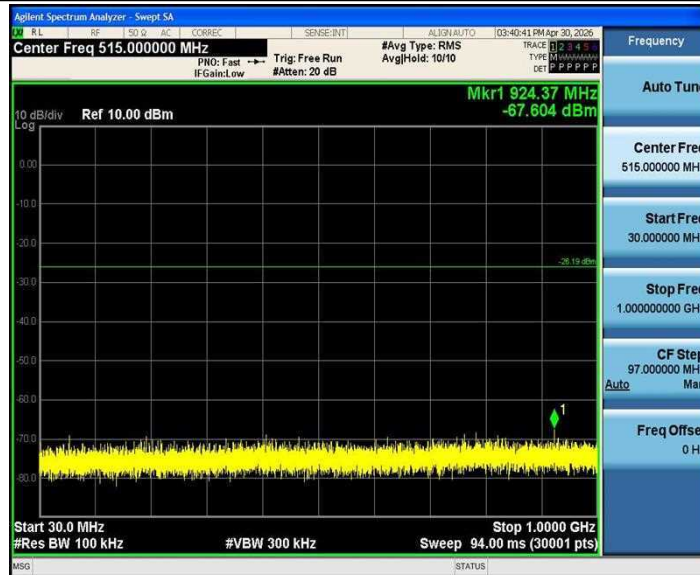
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



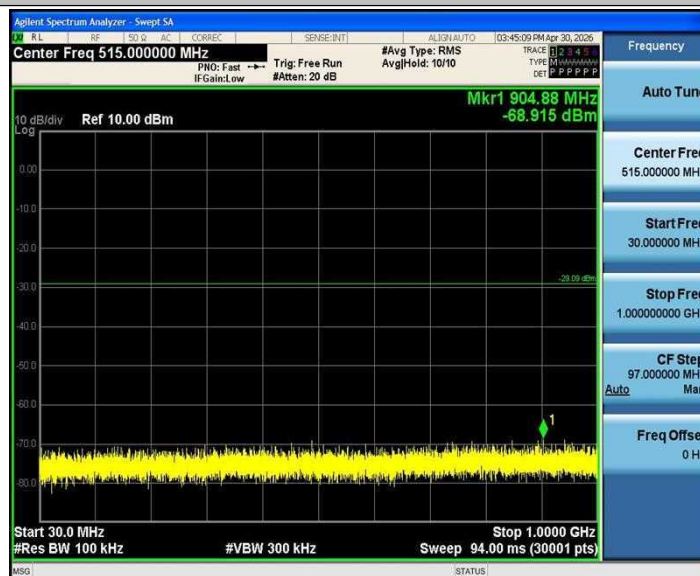
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



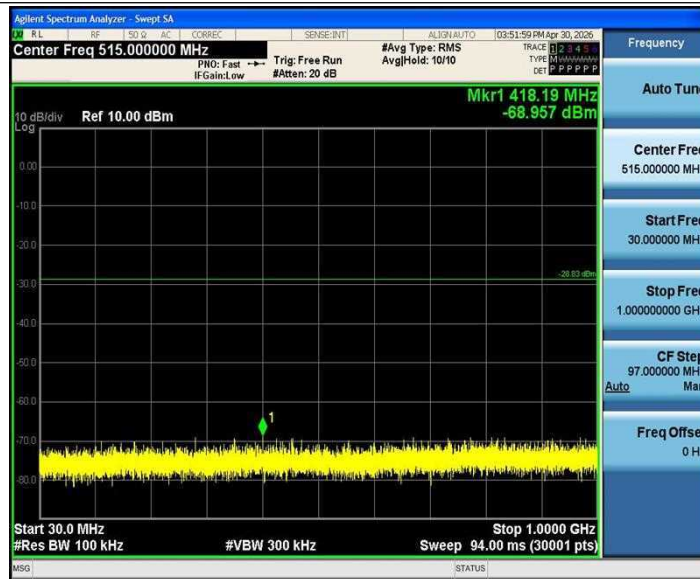
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



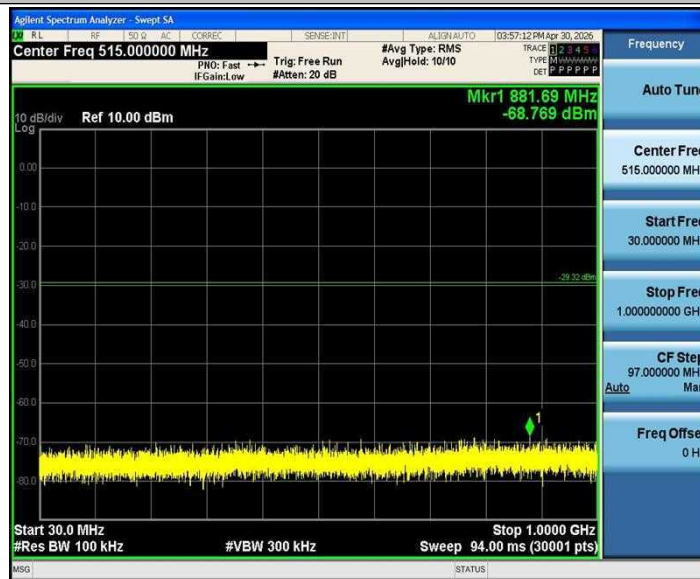
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

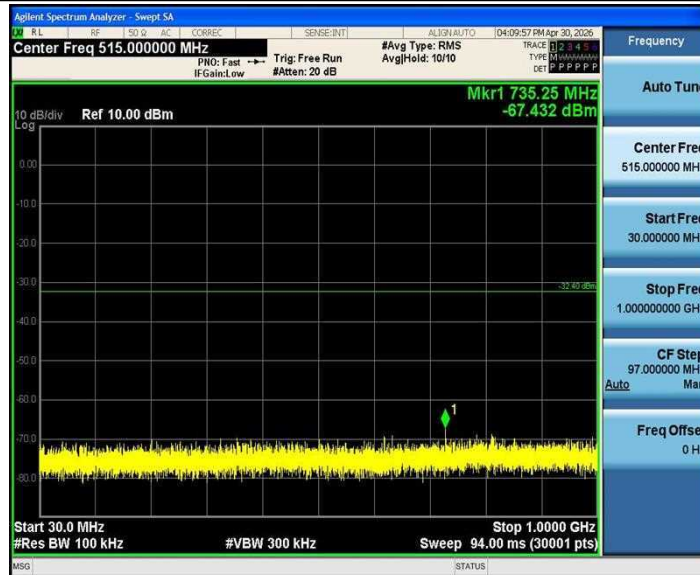


11N40SISO_Ant1_2422_0~Reference

11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



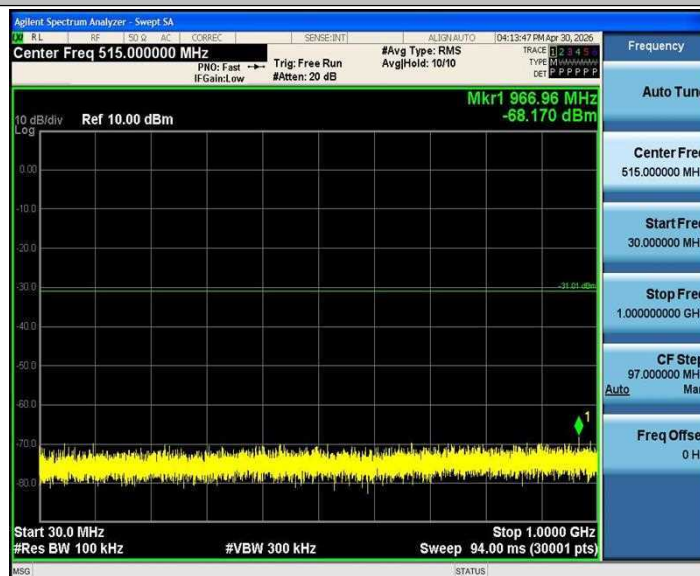
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



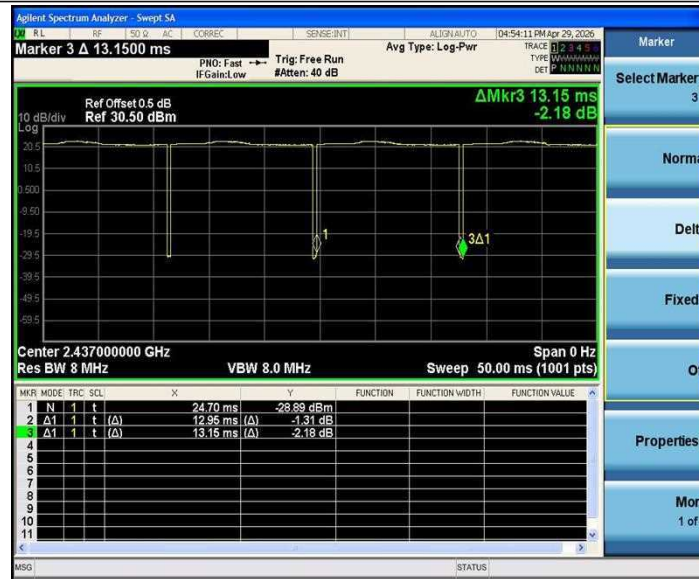
Appendix G: Duty Cycle

Test Result

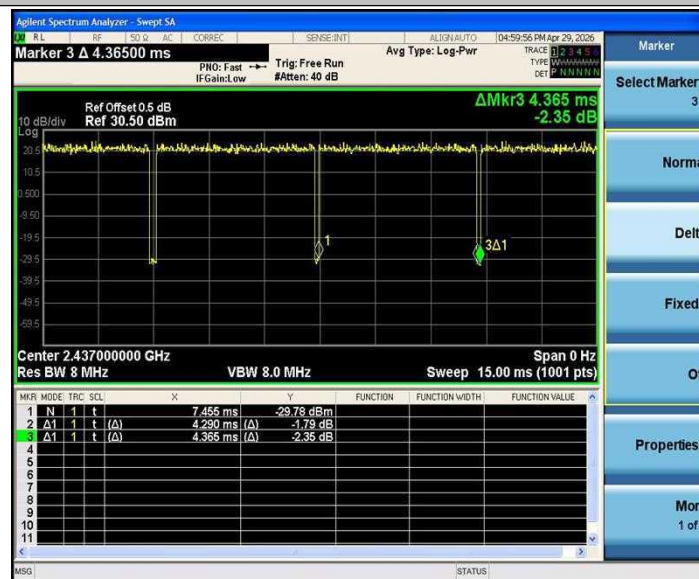
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	12.950	13.150	98.48
11G	Ant1	2437	4.290	4.365	98.28
11N20SISO	Ant1	2437	4.065	4.140	98.19
11N40SISO	Ant1	2437	4.020	4.065	98.89

Test Graphs

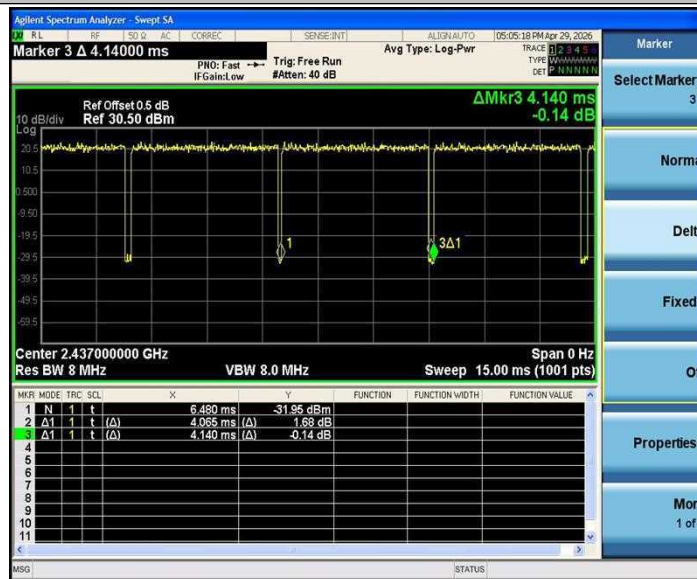
11B_Ant1_2437



11G_Ant1_2437



11N20SISO_Ant1_2437



11N40SISO_Ant1_2437

