

FCC Appendix RF Test Data for 2.4GWIFI

FCC ID : 2BQHT-T8620-6

Company : DAMASCO TRADING LLC

EUT : 8.4 inch Tablet

Model Number : T8620-6

Report No. : CTA25120100108

Reviewed By : Eric Wang

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.240	2406.920	2417.160	0.5	PASS
		2437	10.200	2431.960	2442.160	0.5	PASS
		2462	10.240	2456.920	2467.160	0.5	PASS
11G	Ant1	2412	15.800	2404.360	2420.160	0.5	PASS
		2437	15.560	2429.280	2444.840	0.5	PASS
		2462	15.600	2454.240	2469.840	0.5	PASS
11N20SISO	Ant1	2412	16.680	2403.440	2420.120	0.5	PASS
		2437	16.560	2428.680	2445.240	0.5	PASS
		2462	16.960	2453.520	2470.480	0.5	PASS
11N40SISO	Ant1	2422	35.840	2404.240	2440.080	0.5	PASS
		2437	33.600	2419.880	2453.480	0.5	PASS
		2452	35.600	2434.080	2469.680	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



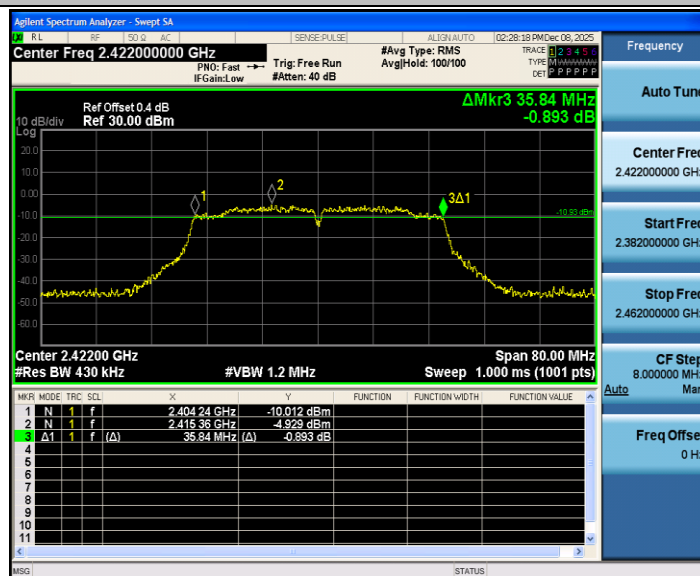
11N20SISO_Ant1_2437



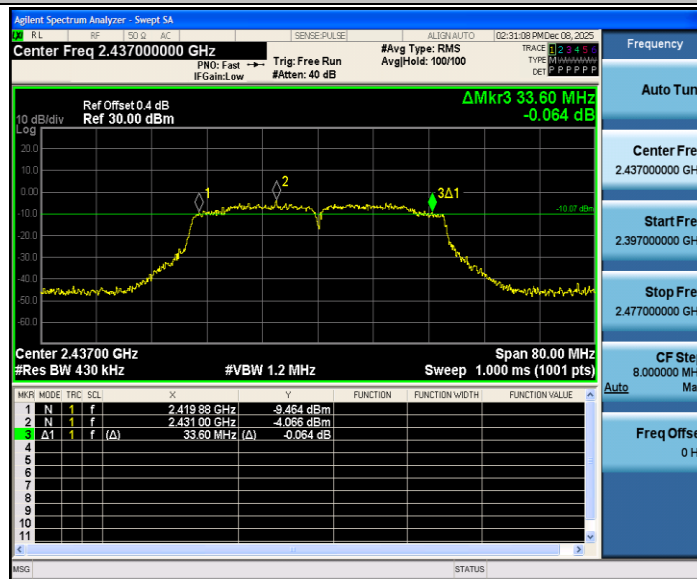
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



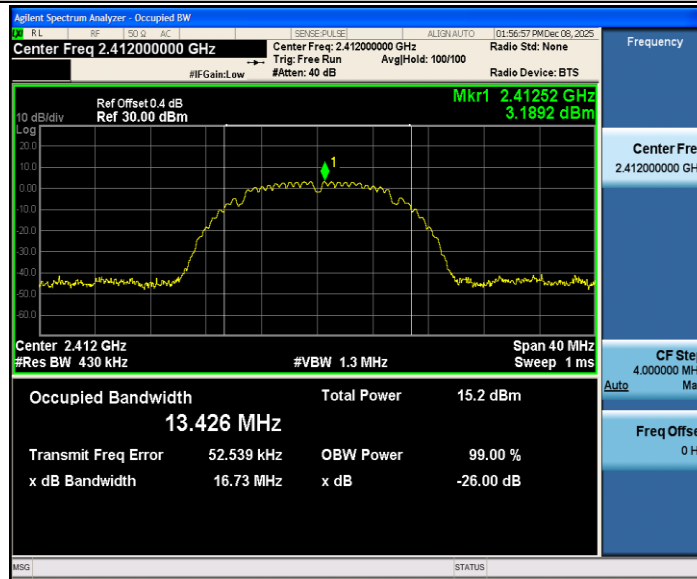
Appendix B: Occupied Channel Bandwidth

Test Result

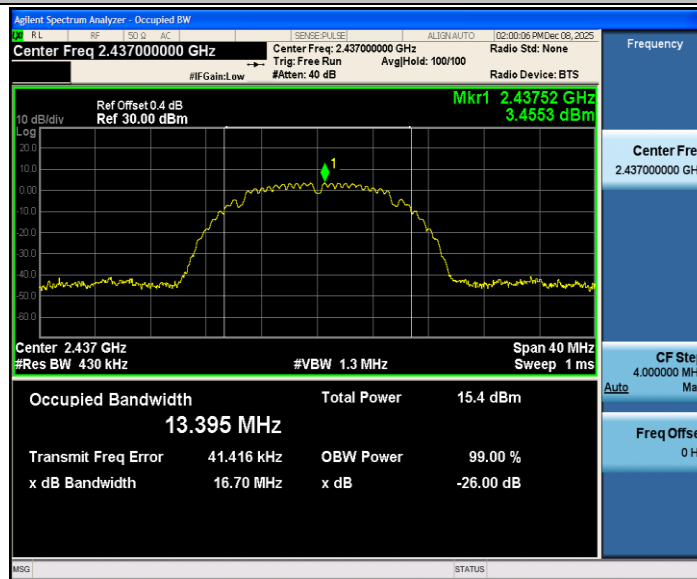
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.426	2405.3395	2418.7655	---	---
		2437	13.395	2430.3439	2443.7389	---	---
		2462	13.427	2455.3067	2468.7337	---	---
11G	Ant1	2412	16.827	2403.6378	2420.4648	---	---
		2437	16.838	2428.6162	2445.4542	---	---
		2462	16.923	2453.5660	2470.4890	---	---
11N20SISO	Ant1	2412	17.893	2403.0764	2420.9694	---	---
		2437	17.822	2428.1300	2445.9520	---	---
		2462	17.919	2453.0677	2470.9867	---	---
11N40SISO	Ant1	2422	36.039	2404.0613	2440.1003	---	---
		2437	36.096	2419.0127	2455.1087	---	---
		2452	36.052	2434.0173	2470.0693	---	---

Test Graphs

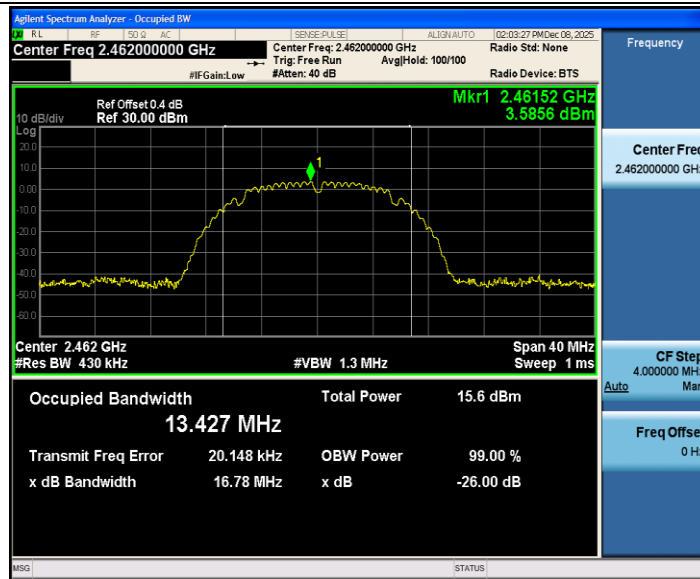
11B_Ant1_2412



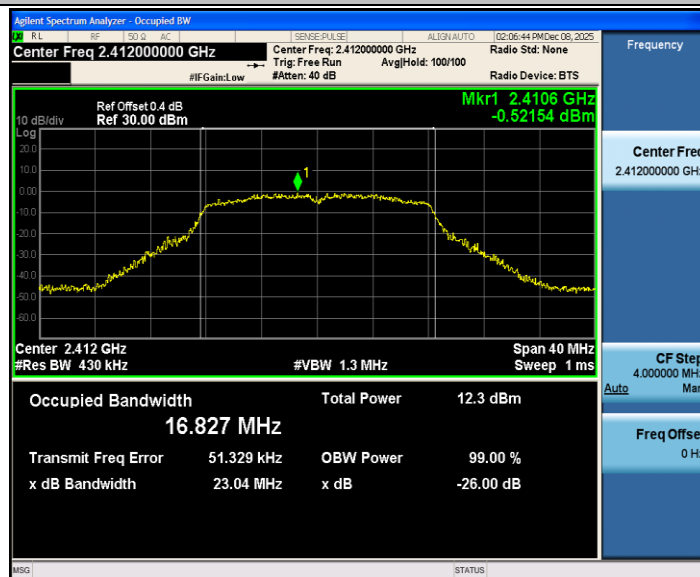
11B_Ant1_2437



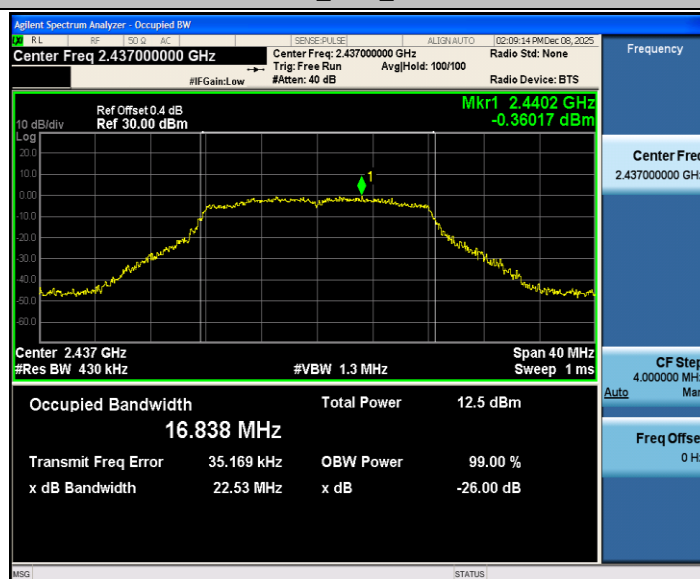
11B_Ant1_2462



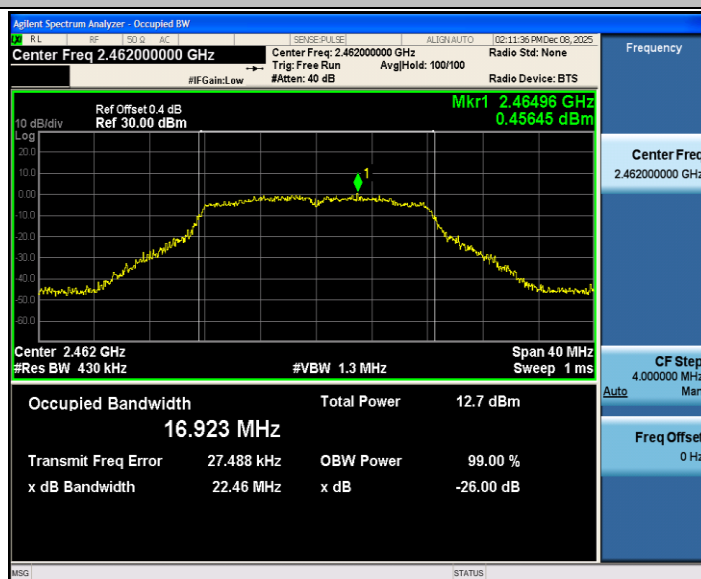
11G_Ant1_2412



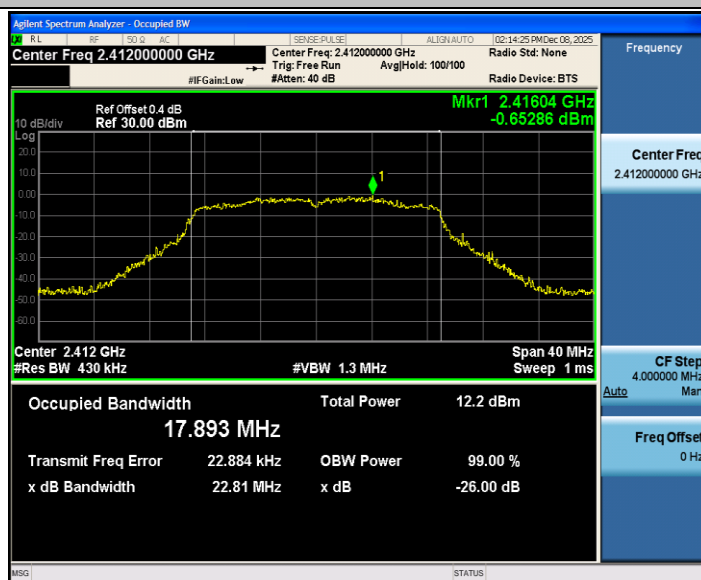
11G_Ant1_2437



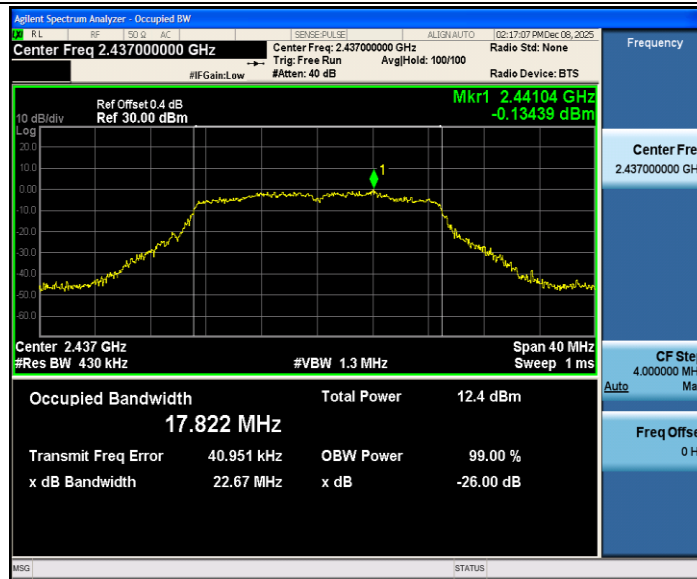
11G_Ant1_2462



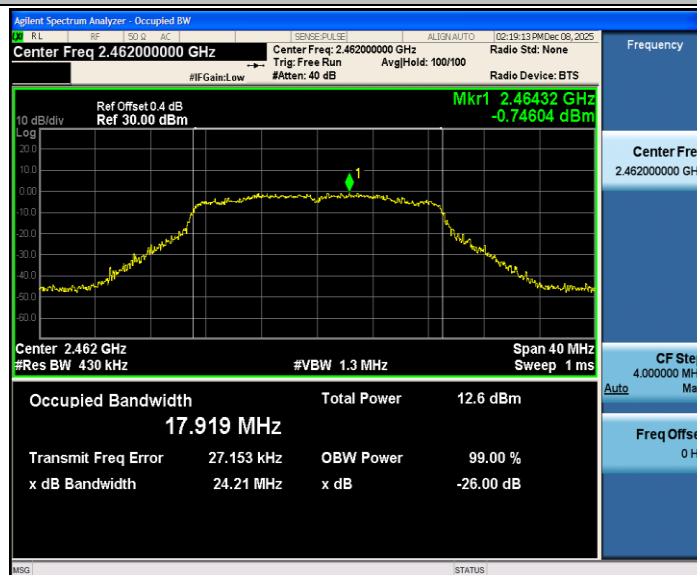
11N20SISO_Ant1_2412



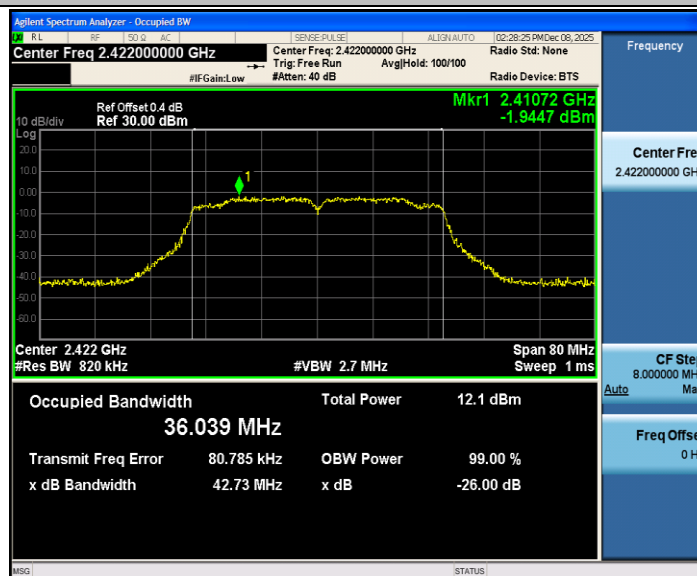
11N20SISO_Ant1_2437



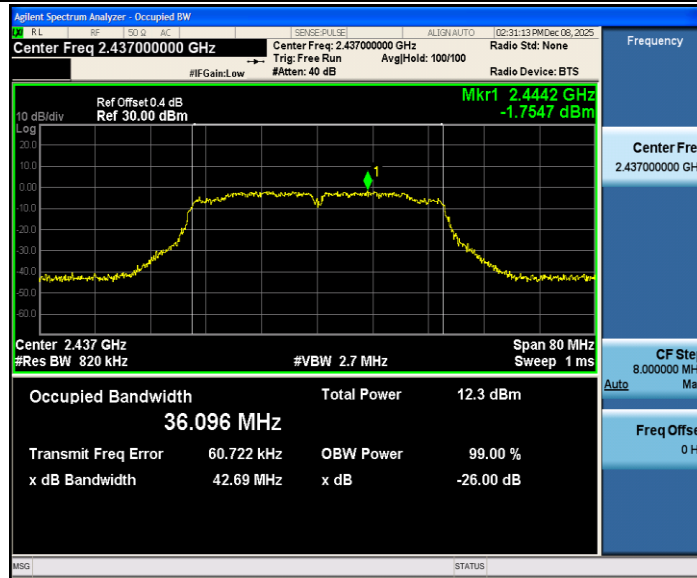
11N20SISO_Ant1_2462



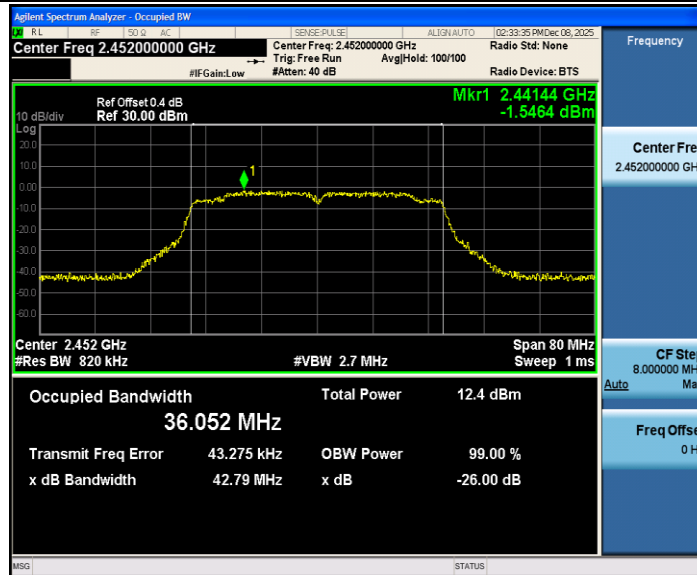
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.92	≤30.00	PASS
		2437	15.09	≤30.00	PASS
		2462	15.25	≤30.00	PASS
11G	Ant1	2412	13.17	≤30.00	PASS
		2437	13.40	≤30.00	PASS
		2462	13.54	≤30.00	PASS
11N20SISO	Ant1	2412	12.95	≤30.00	PASS
		2437	13.35	≤30.00	PASS
		2462	13.45	≤30.00	PASS
11N40SISO	Ant1	2422	12.23	≤30.00	PASS
		2437	12.29	≤30.00	PASS
		2452	12.38	≤30.00	PASS

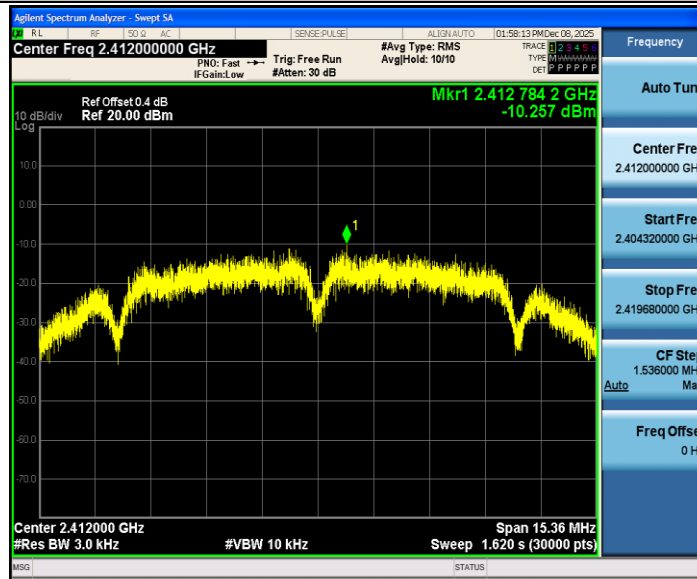
Appendix D: Maximum power spectral density

Test Result

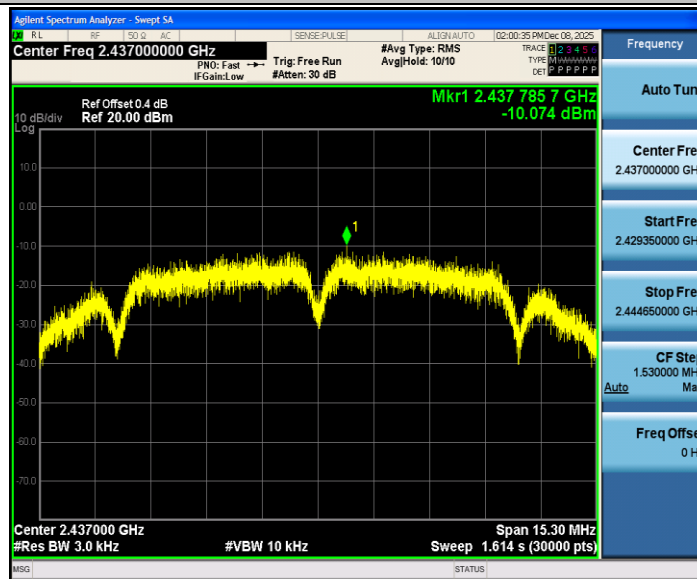
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.26	≤8.00	PASS
		2437	-10.07	≤8.00	PASS
		2462	-10.65	≤8.00	PASS
11G	Ant1	2412	-18.84	≤8.00	PASS
		2437	-17.92	≤8.00	PASS
		2462	-17.28	≤8.00	PASS
11N20SISO	Ant1	2412	-18.50	≤8.00	PASS
		2437	-18.25	≤8.00	PASS
		2462	-18.14	≤8.00	PASS
11N40SISO	Ant1	2422	-22.07	≤8.00	PASS
		2437	-21.55	≤8.00	PASS
		2452	-22.13	≤8.00	PASS

Test Graphs

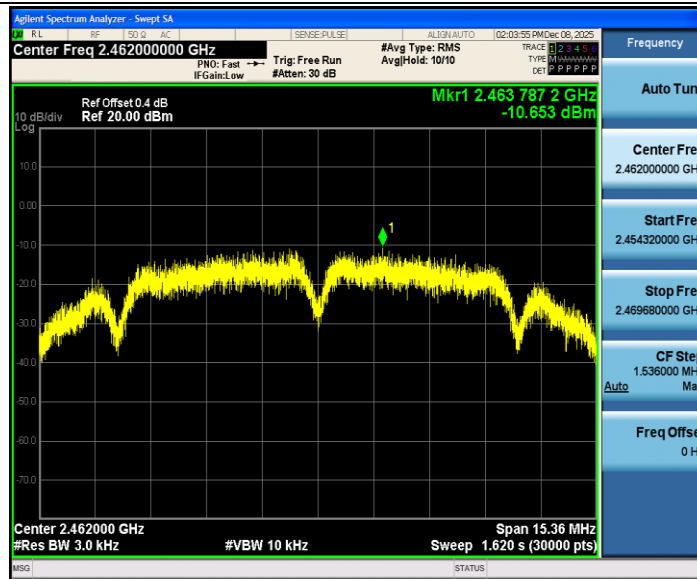
11B_Ant1_2412



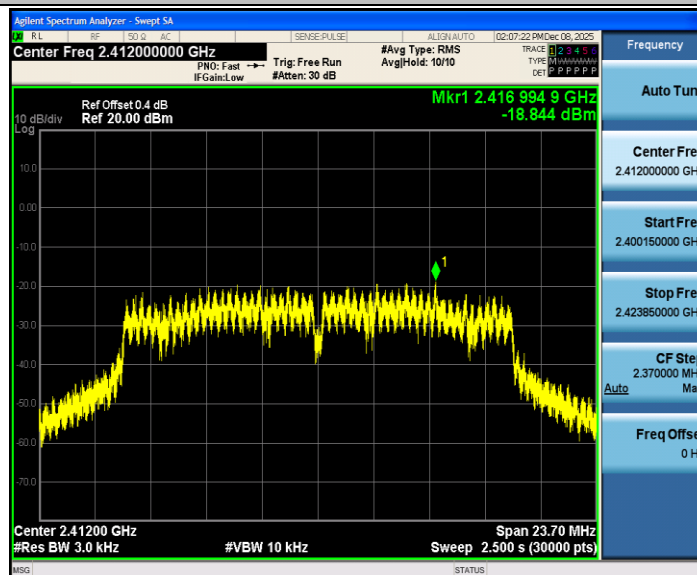
11B_Ant1_2437



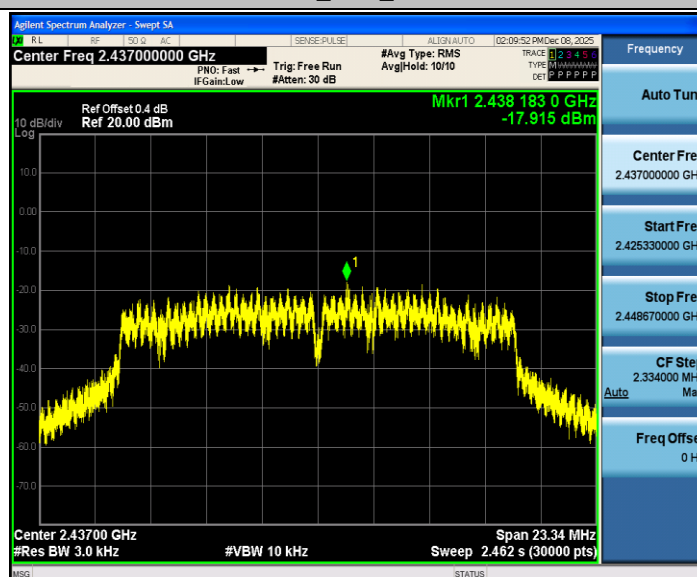
11B_Ant1_2462



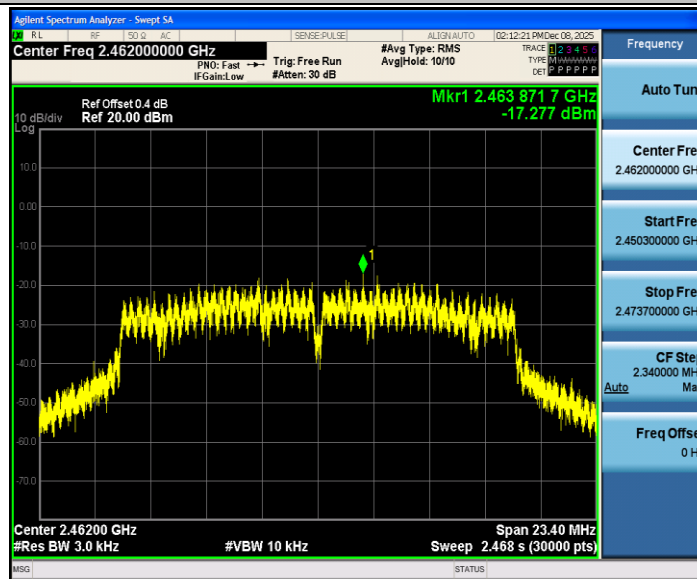
11G_Ant1_2412



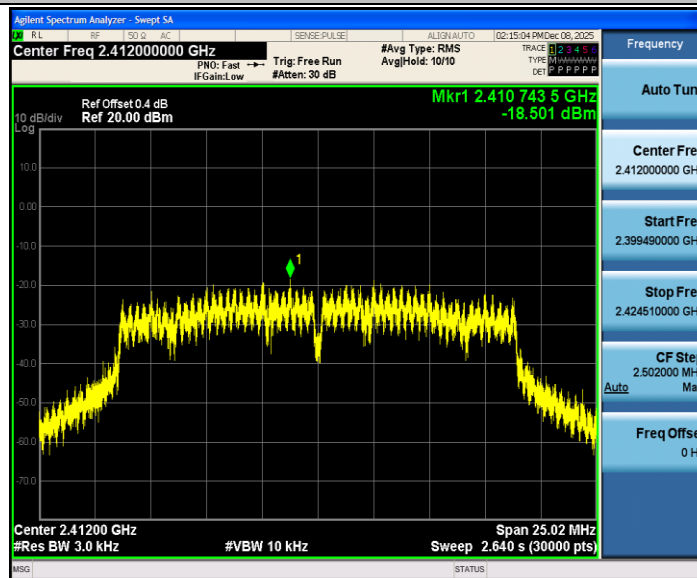
11G_Ant1_2437



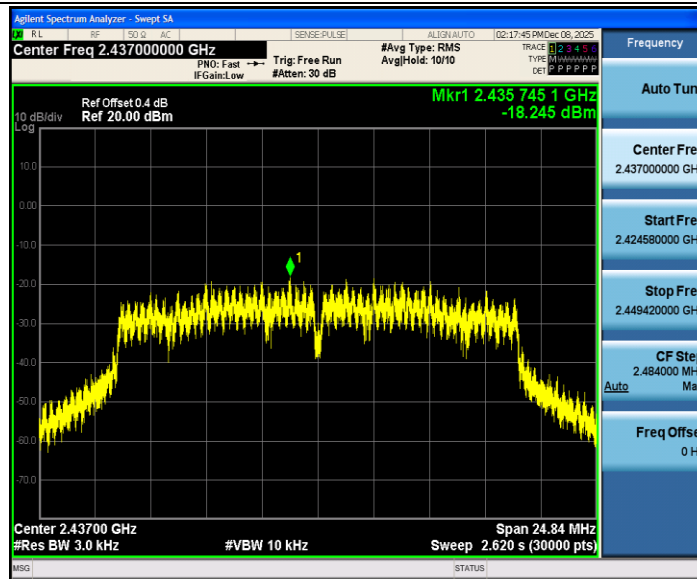
11G_Ant1_2462



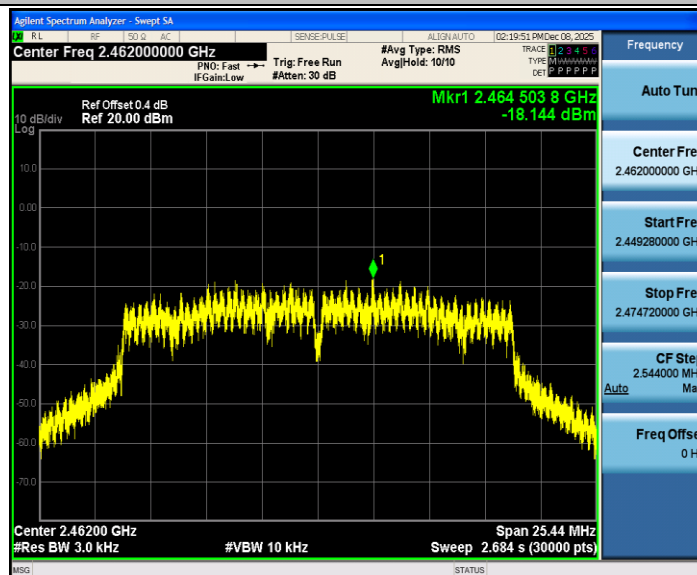
11N20SISO_Ant1_2412



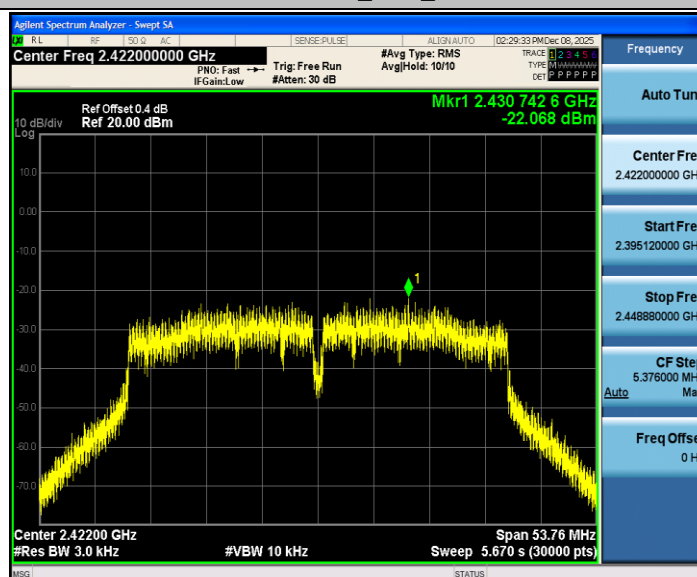
11N20SISO_Ant1_2437



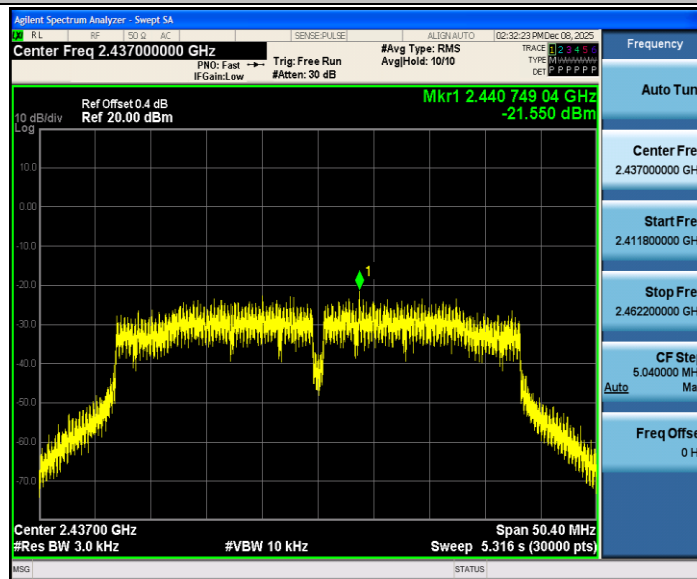
11N20SISO_Ant1_2462



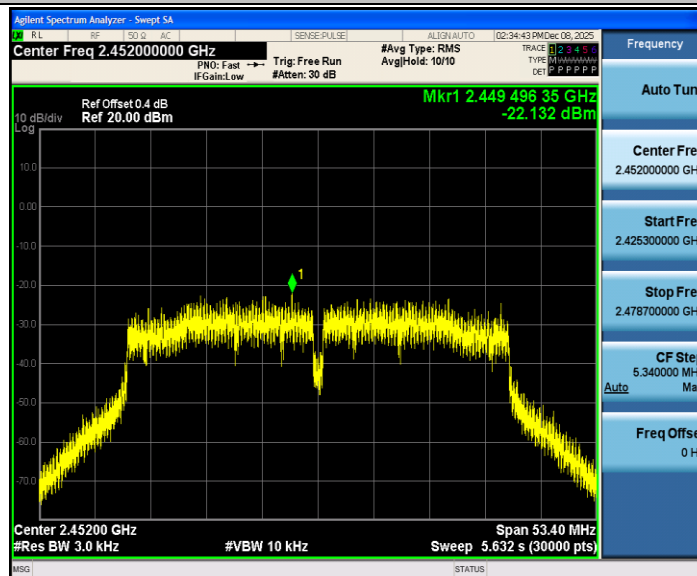
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



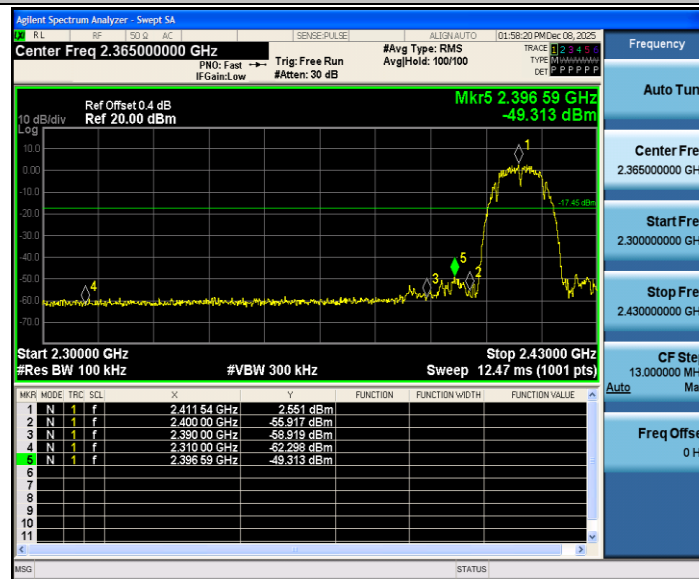
Appendix E: Band edge measurements

Test Result

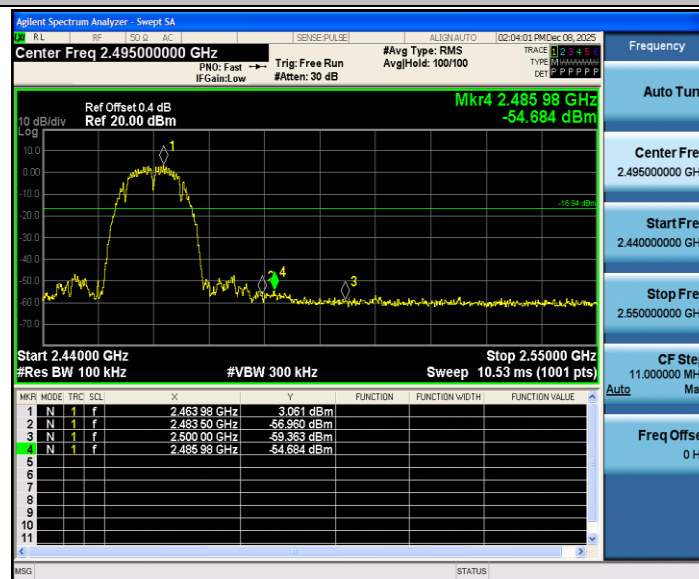
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.55	-49.31	≤-17.45	PASS
		High	2462	3.06	-54.68	≤-16.94	PASS
11G	Ant1	Low	2412	-3.58	-33.24	≤-23.58	PASS
		High	2462	-3.23	-57.18	≤-23.23	PASS
11N20SISO	Ant1	Low	2412	-3.28	-33.47	≤-23.28	PASS
		High	2462	-2.86	-58.16	≤-22.86	PASS
11N40SISO	Ant1	Low	2422	-7.97	-35.82	≤-27.97	PASS
		High	2452	-7.37	-57.86	≤-27.37	PASS

Test Graphs

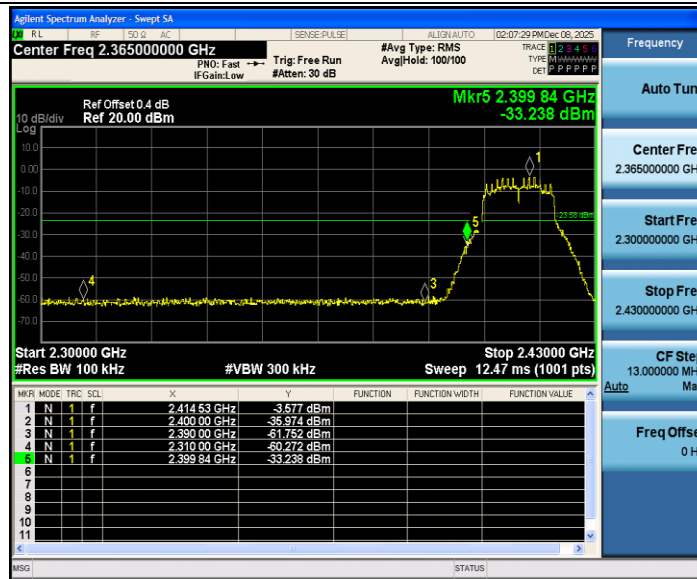
11B_Ant1_Low_2412



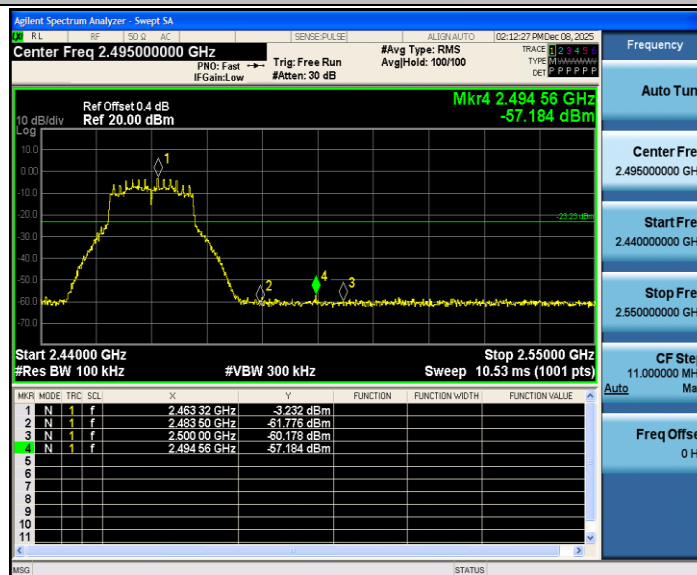
11B_Ant1_High_2462



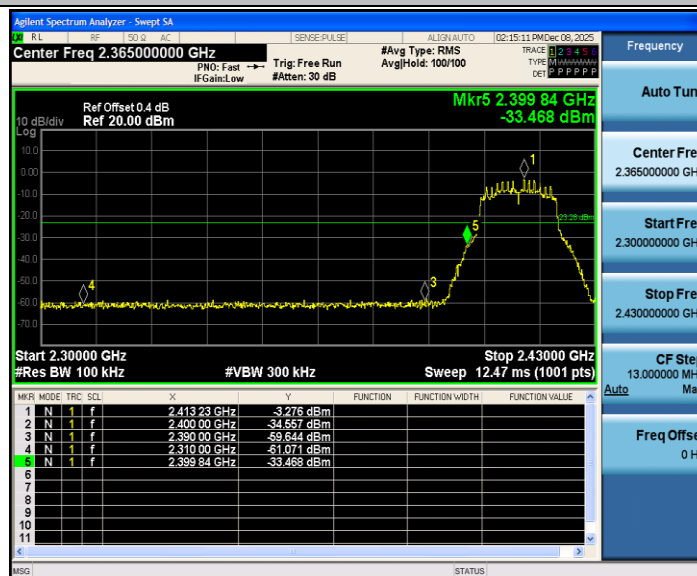
11G_Ant1_Low_2412



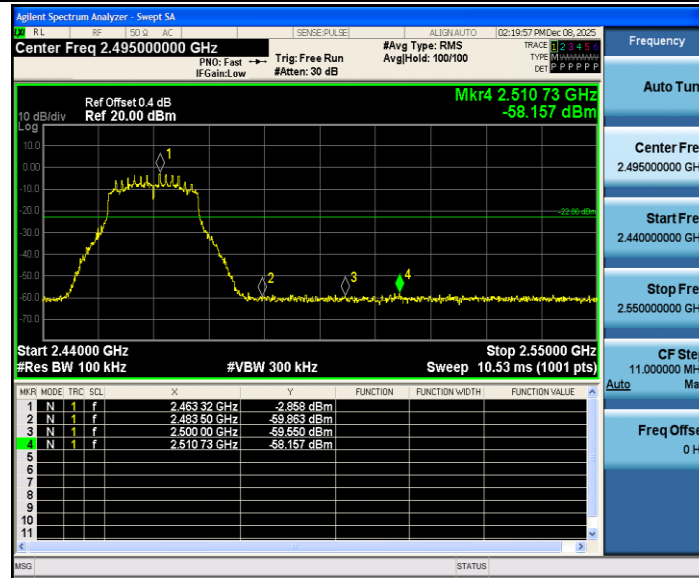
11G_Ant1_High_2462



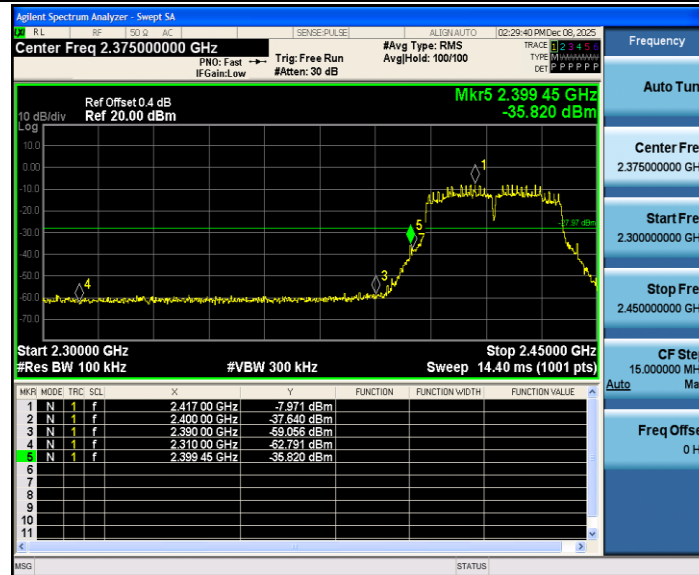
11N20SISO_Ant1_Low_2412



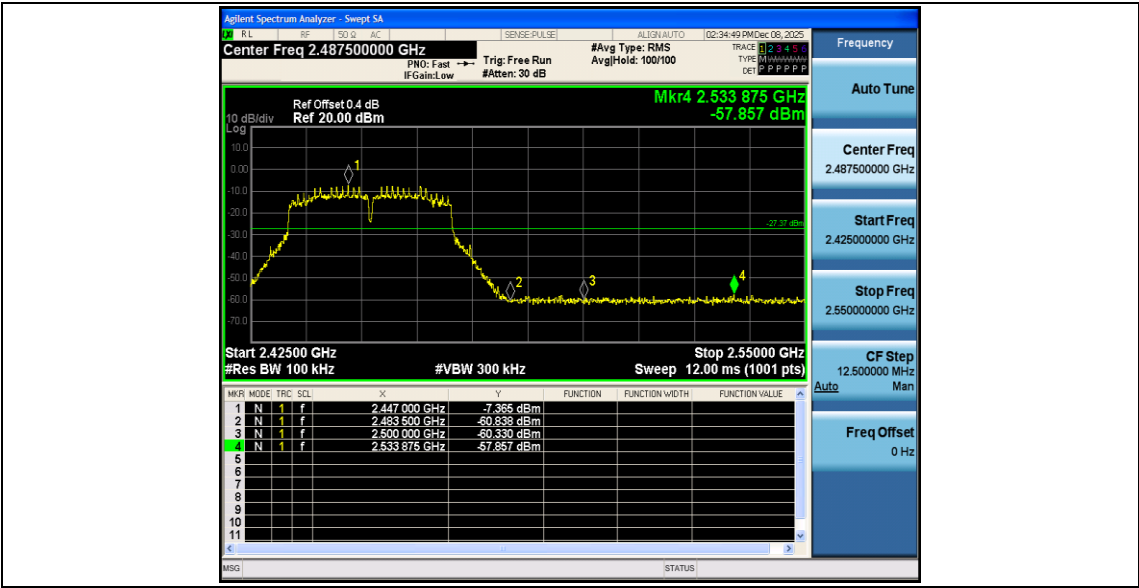
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix F: Conducted Spurious Emission

Test Result

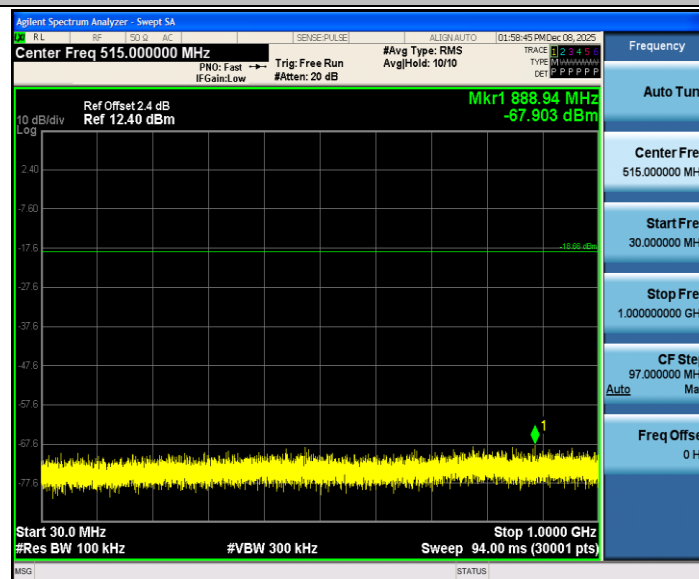
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.34	1.34	---	PASS
			30~1000	1.34	-67.9	≤-18.66	PASS
			1000~26500	1.34	-53.38	≤-18.66	PASS
		2437	Reference	2.13	2.13	---	PASS
			30~1000	2.13	-68.17	≤-17.87	PASS
			1000~26500	2.13	-54.3	≤-17.87	PASS
		2462	Reference	2.20	2.20	---	PASS
			30~1000	2.20	-67.77	≤-17.8	PASS
			1000~26500	2.20	-54.38	≤-17.8	PASS
11G	Ant1	2412	Reference	-3.72	-3.72	---	PASS
			30~1000	-3.72	-68.36	≤-23.72	PASS
			1000~26500	-3.72	-55.57	≤-23.72	PASS
		2437	Reference	-3.94	-3.94	---	PASS
			30~1000	-3.94	-67.8	≤-23.94	PASS
			1000~26500	-3.94	-55.11	≤-23.94	PASS
		2462	Reference	-3.42	-3.42	---	PASS
			30~1000	-3.42	-68.28	≤-23.42	PASS
			1000~26500	-3.42	-55.19	≤-23.42	PASS
11N20SISO	Ant1	2412	Reference	-3.76	-3.76	---	PASS
			30~1000	-3.76	-68.43	≤-23.76	PASS
			1000~26500	-3.76	-55.48	≤-23.76	PASS
		2437	Reference	-3.40	-3.40	---	PASS
			30~1000	-3.40	-67.95	≤-23.4	PASS
			1000~26500	-3.40	-55.71	≤-23.4	PASS
		2462	Reference	-3.35	-3.35	---	PASS
			30~1000	-3.35	-68.08	≤-23.35	PASS
			1000~26500	-3.35	-55.31	≤-23.35	PASS
11N40SISO	Ant1	2422	Reference	-7.73	-7.73	---	PASS
			30~1000	-7.73	-68.15	≤-27.73	PASS
			1000~26500	-7.73	-54.87	≤-27.73	PASS
		2437	Reference	-8.18	-8.18	---	PASS
			30~1000	-8.18	-68.71	≤-28.18	PASS
			1000~26500	-8.18	-55.16	≤-28.18	PASS
		2452	Reference	-7.63	-7.63	---	PASS
			30~1000	-7.63	-68.34	≤-27.63	PASS
			1000~26500	-7.63	-55.39	≤-27.63	PASS

Test Graphs

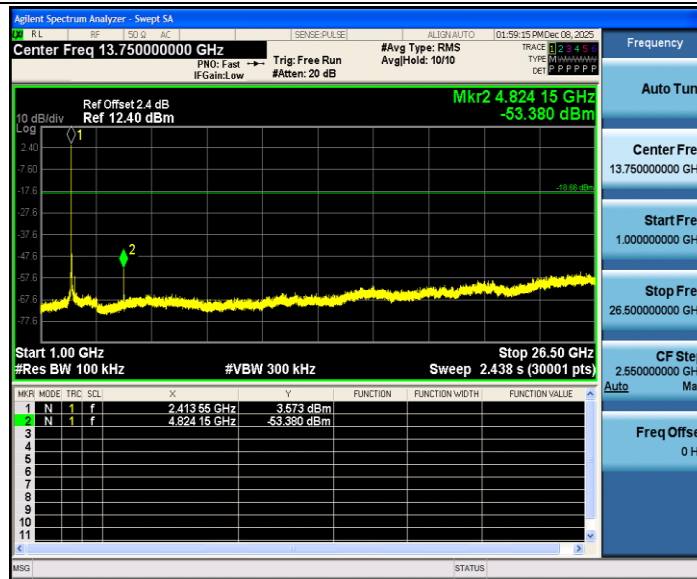
11B_Ant1_2412_0~Reference



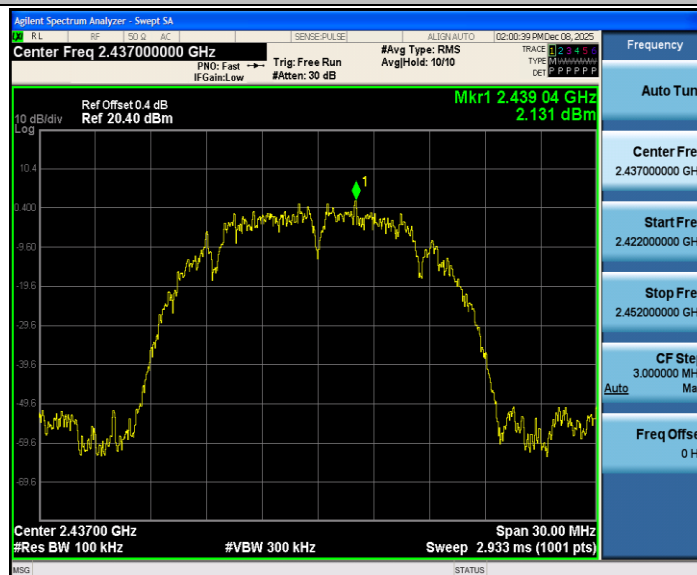
11B_Ant1_2412_30~1000



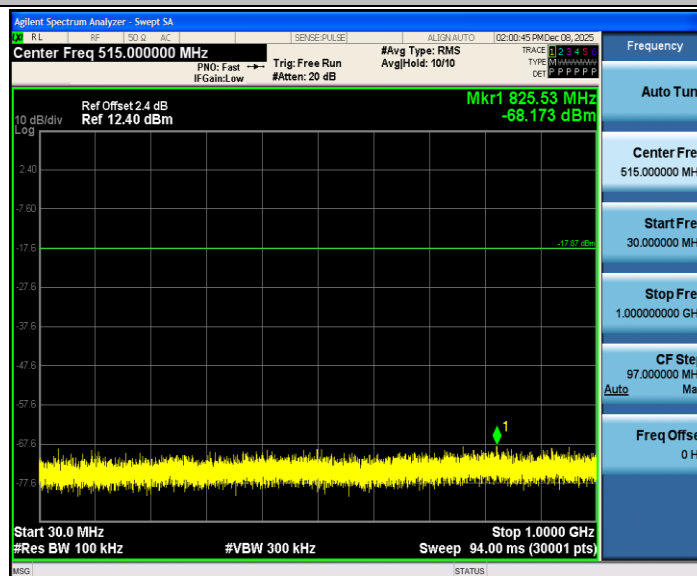
11B_Ant1_2412_1000~26500



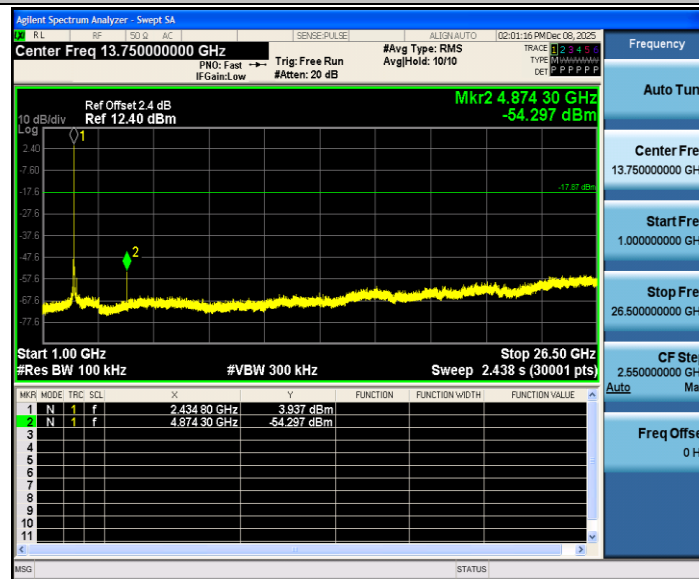
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



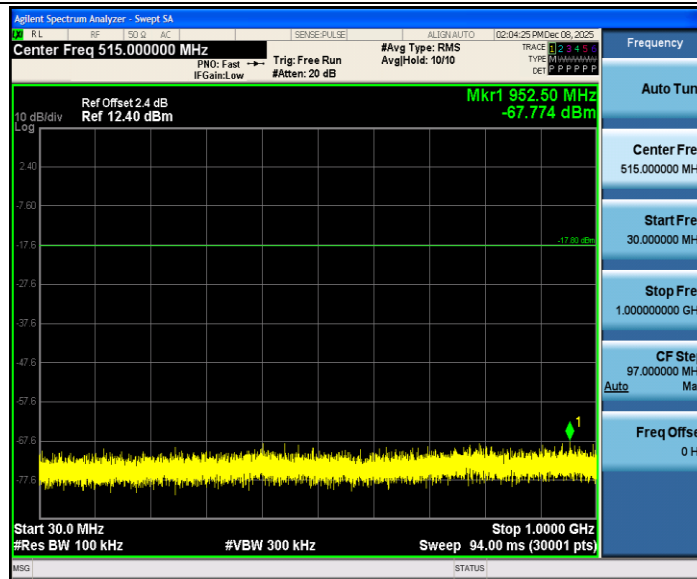
11B_Ant1_2437_1000~26500



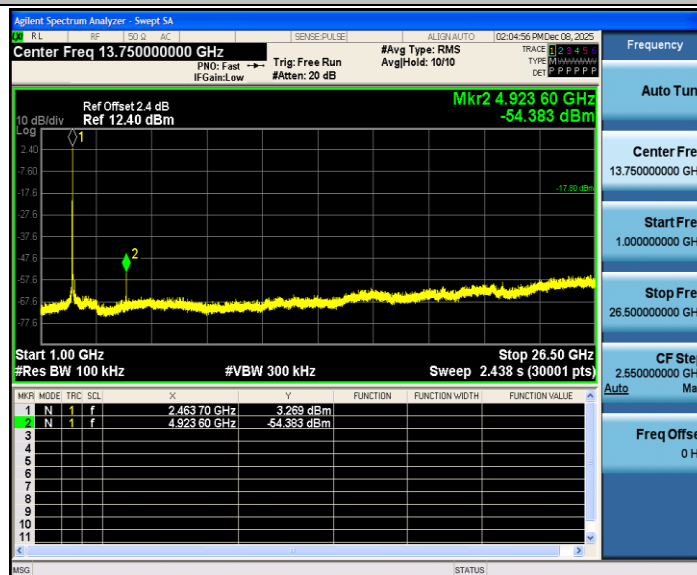
11B_Ant1_2462_0~Reference



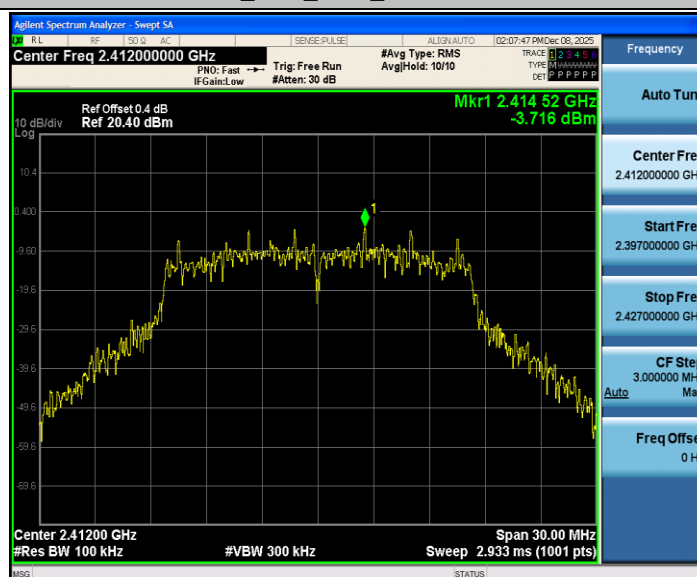
11B_Ant1_2462_30~1000



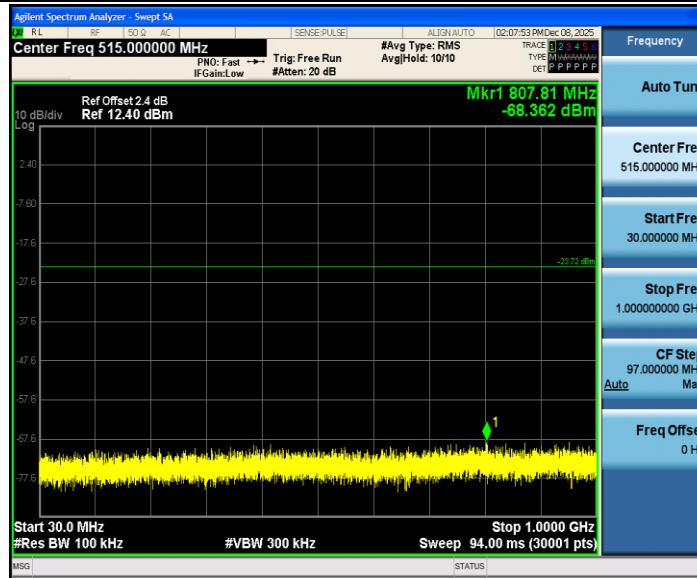
11B_Ant1_2462_1000~26500



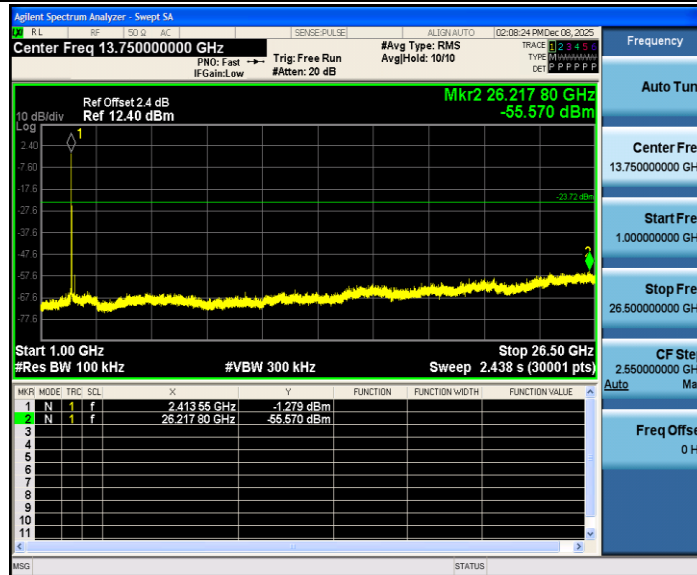
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



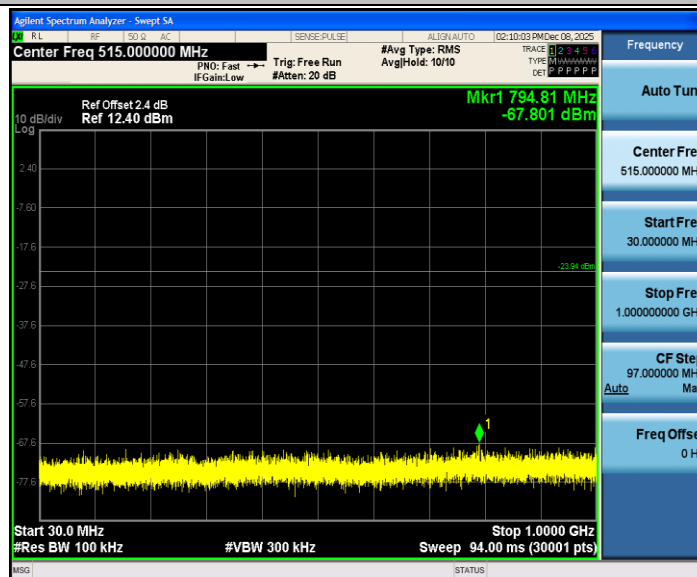
11G_Ant1_2412_1000~26500



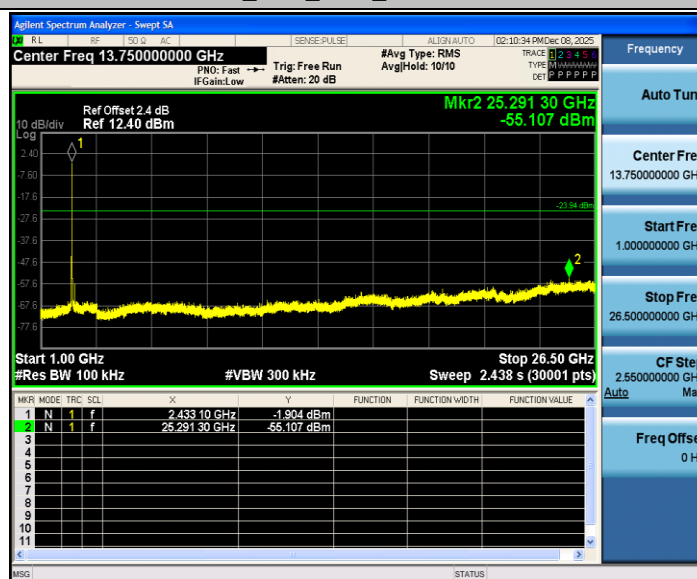
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



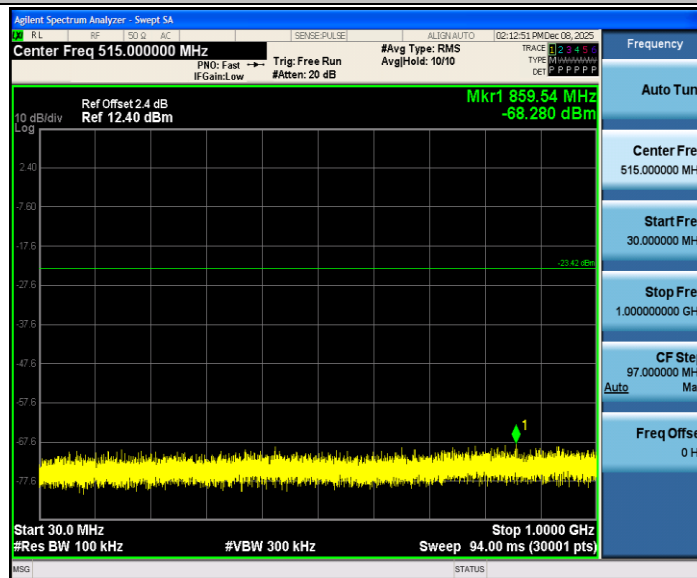
11G_Ant1_2437_1000~26500



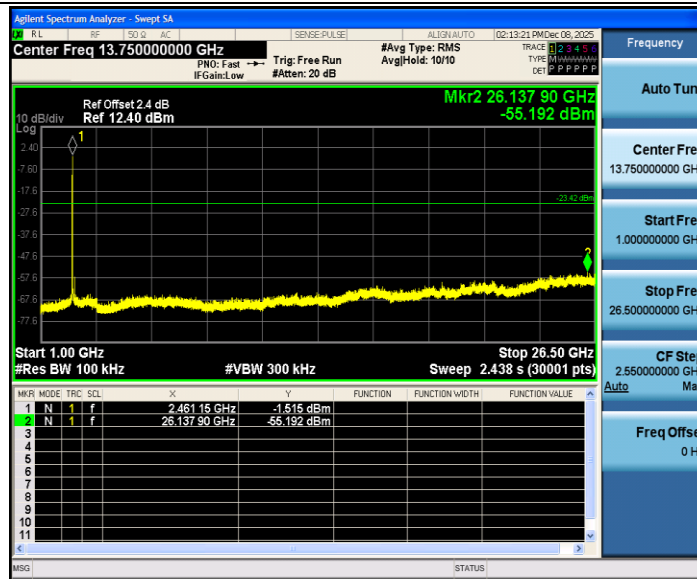
11G_Ant1_2462_0~Reference



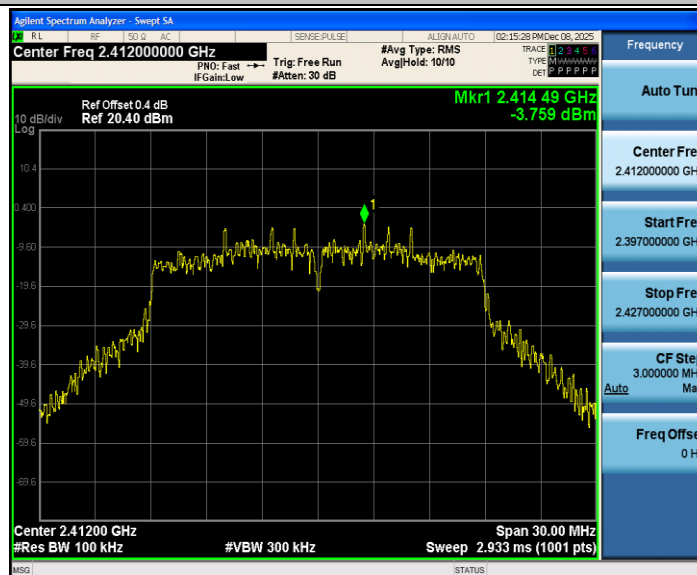
11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000

