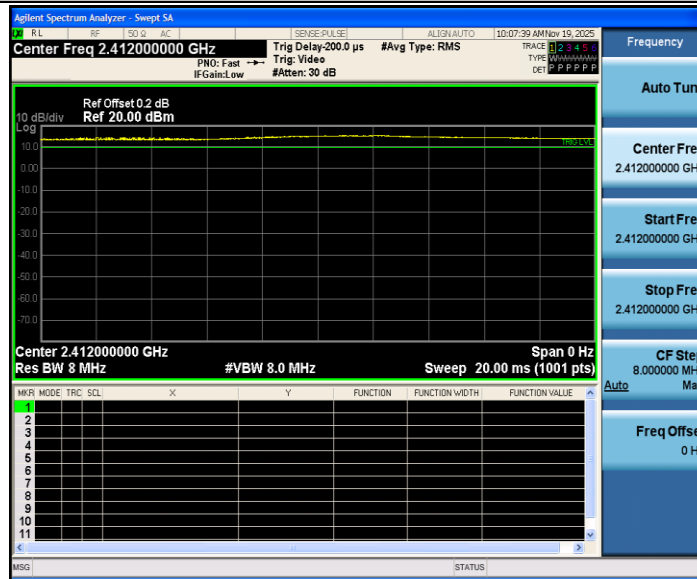
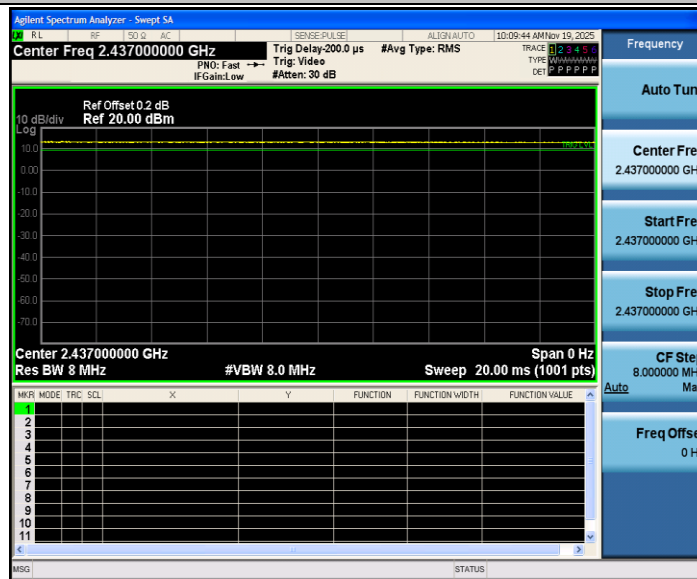


Test Graphs

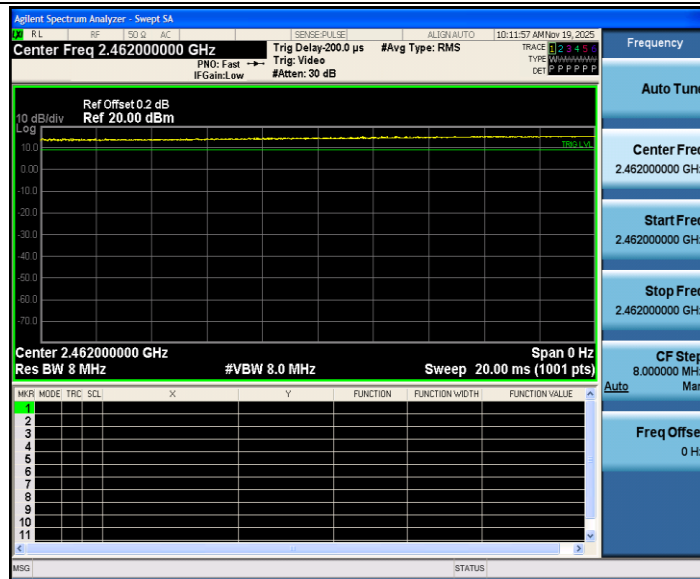
11B_Ant1_2412



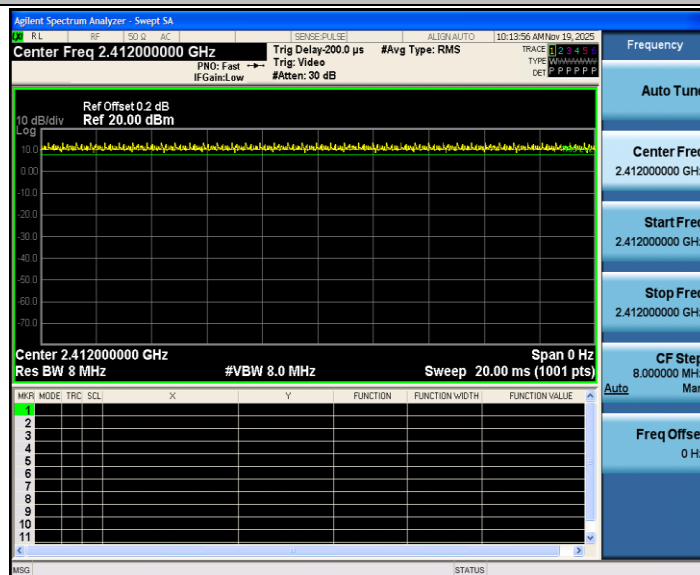
11B_Ant1_2437



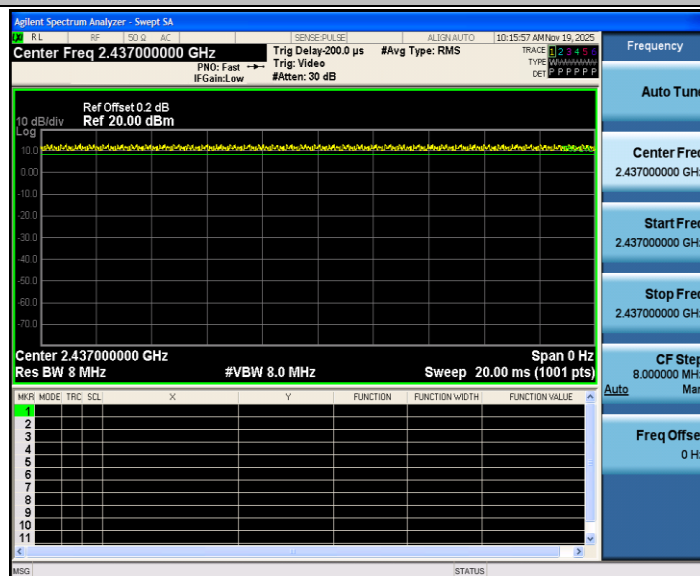
11B_Ant1_2462

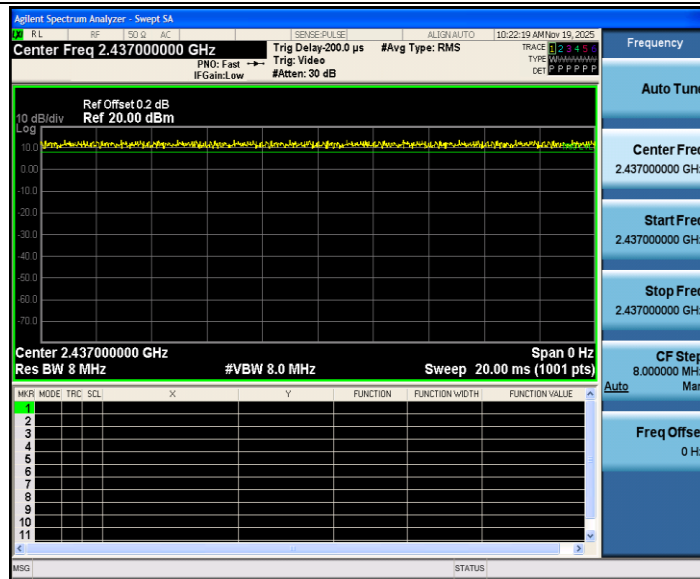


11G_Ant1_2412

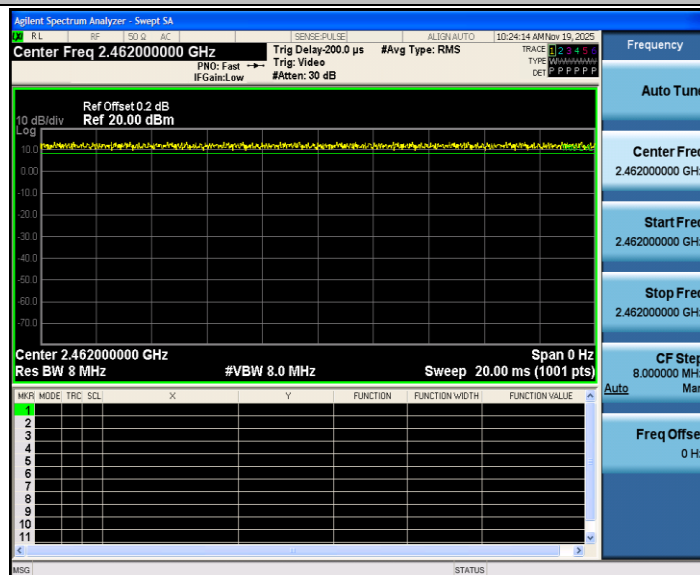


11G_Ant1_2437

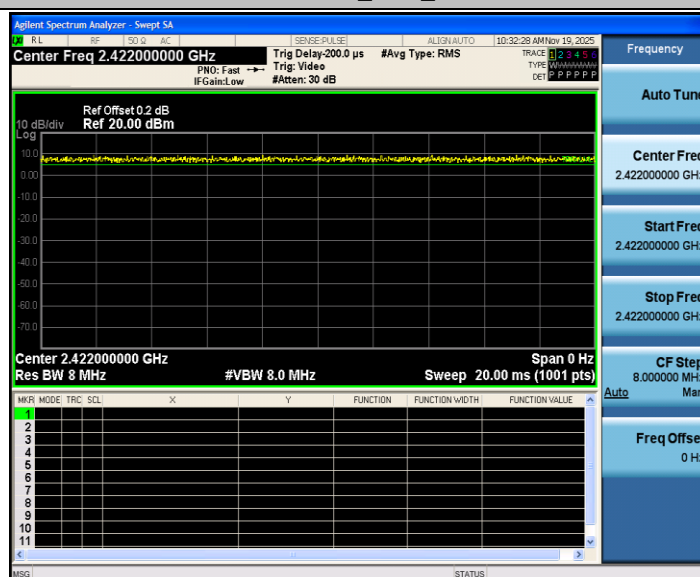




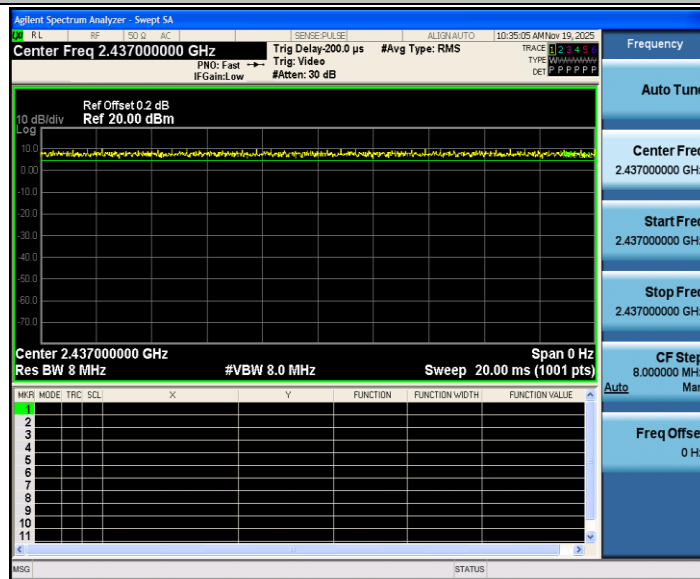
11N20SISO_Ant1_2462



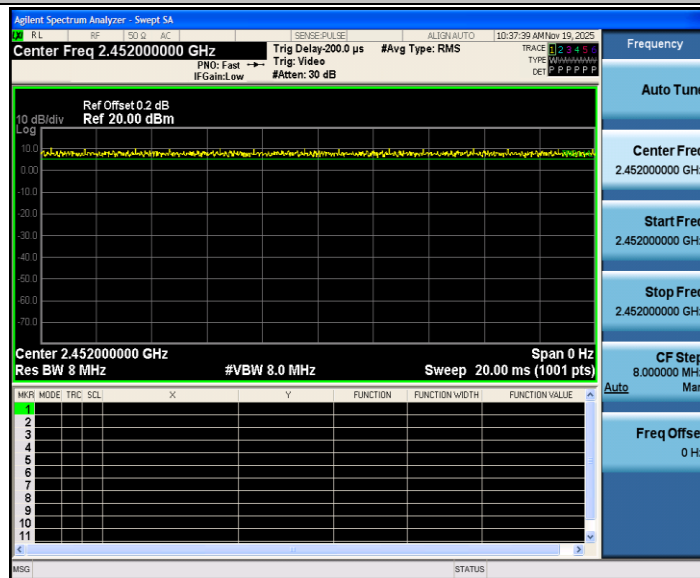
11N40SISO_Ant1_2422



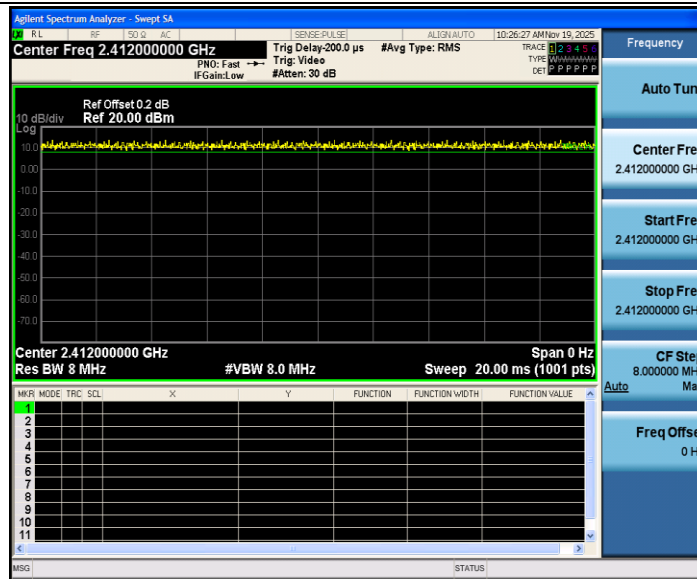
11N40SISO_Ant1_2437



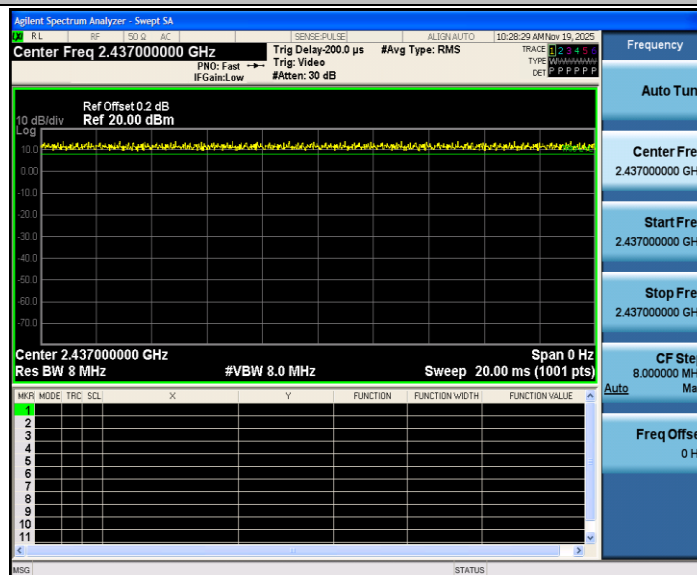
11N40SISO_Ant1_2452



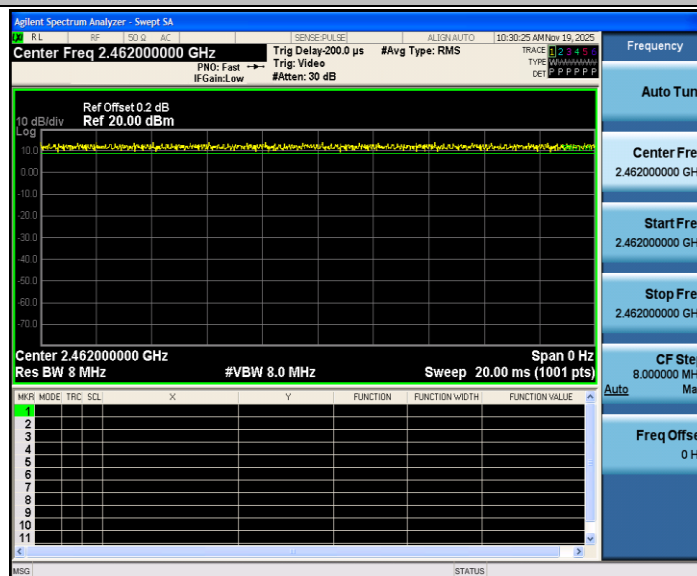
11AX20SISO_Ant1_2412



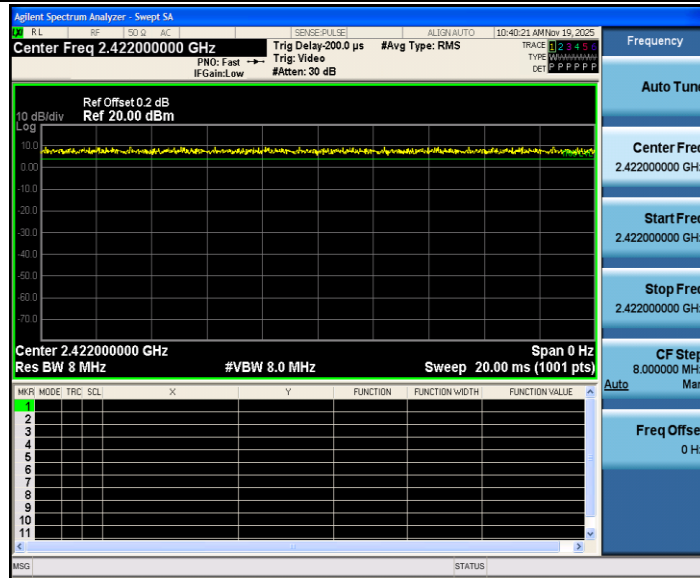
11AX20SISO_Ant1_2437



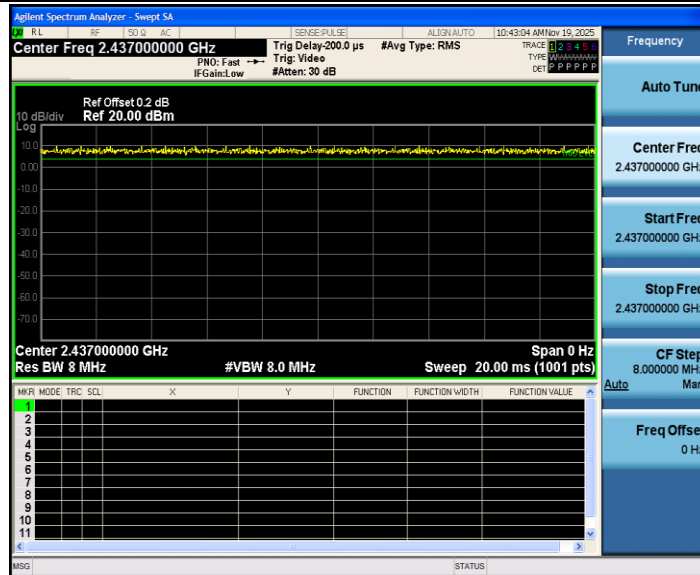
11AX20SISO_Ant1_2462



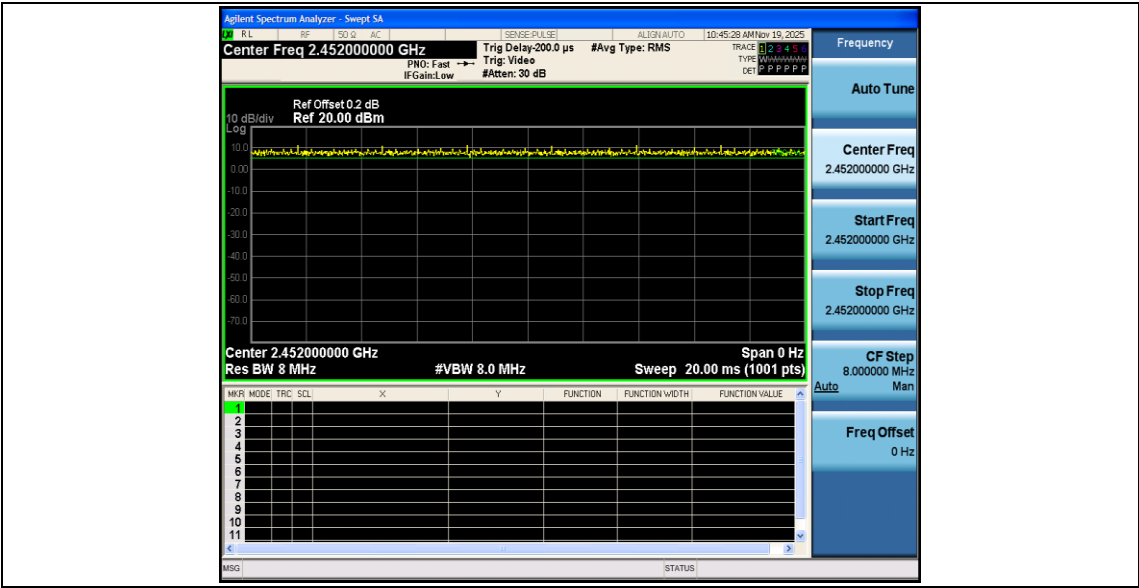
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



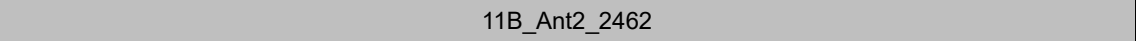
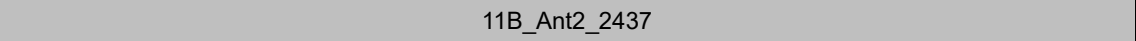
FCC Appendix RF Test Data for 2.4GWIFI ANT2

Appendix A: DTS Bandwidth

Test Result

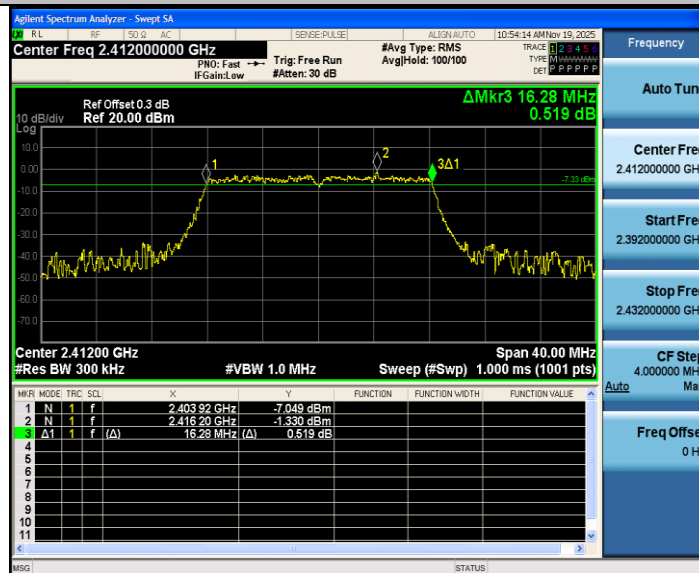
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	8.440	2408.160	2416.600	0.5	PASS
		2437	9.160	2432.480	2441.640	0.5	PASS
		2462	9.640	2456.960	2466.600	0.5	PASS
11G	Ant2	2412	16.280	2403.920	2420.200	0.5	PASS
		2437	16.360	2428.880	2445.240	0.5	PASS
		2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant2	2412	17.280	2403.440	2420.720	0.5	PASS
		2437	17.360	2428.360	2445.720	0.5	PASS
		2462	17.400	2453.320	2470.720	0.5	PASS
11N40SISO	Ant2	2422	34.240	2405.040	2439.280	0.5	PASS
		2437	33.440	2420.600	2454.040	0.5	PASS
		2452	34.080	2435.120	2469.200	0.5	PASS
11AX20SISO	Ant2	2412	17.240	2403.400	2420.640	0.5	PASS
		2437	17.360	2428.360	2445.720	0.5	PASS
		2462	17.360	2453.360	2470.720	0.5	PASS
11AX40SISO	Ant2	2422	33.600	2405.360	2438.960	0.5	PASS
		2437	33.760	2420.440	2454.200	0.5	PASS
		2452	33.840	2435.200	2469.040	0.5	PASS

11B_Ant2_2412

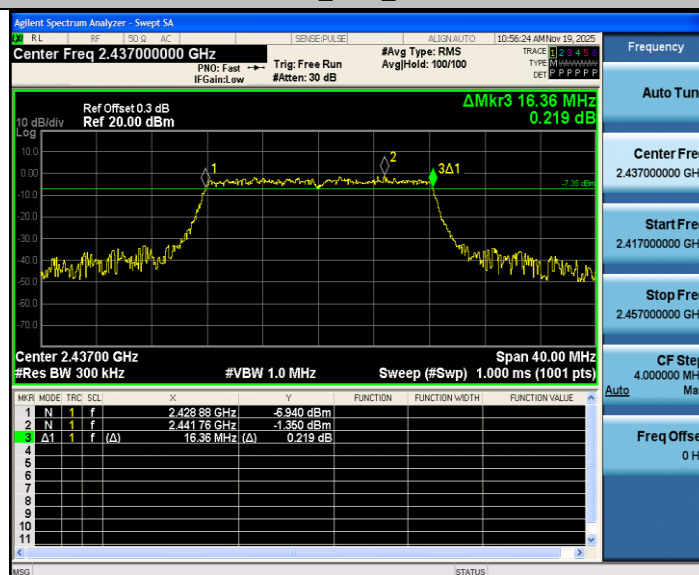




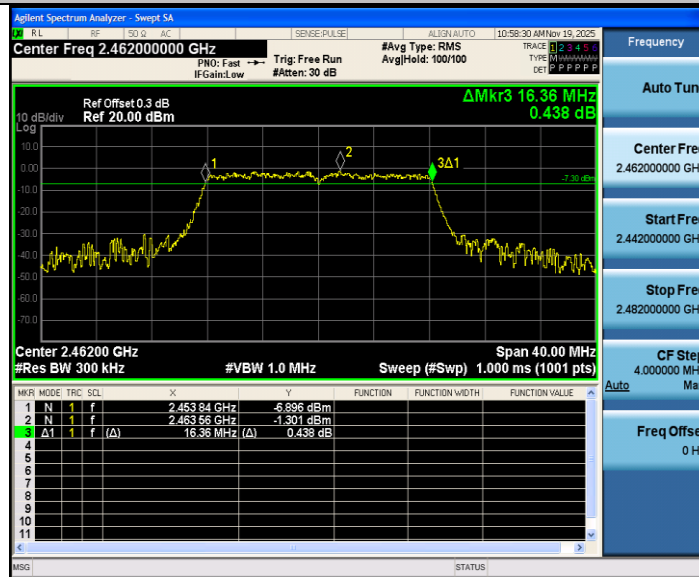
11G_Ant2_2412



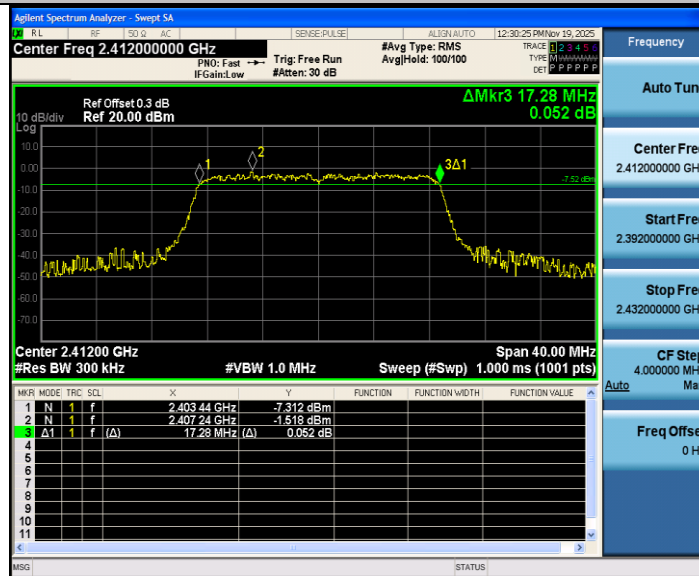
11G_Ant2_2437



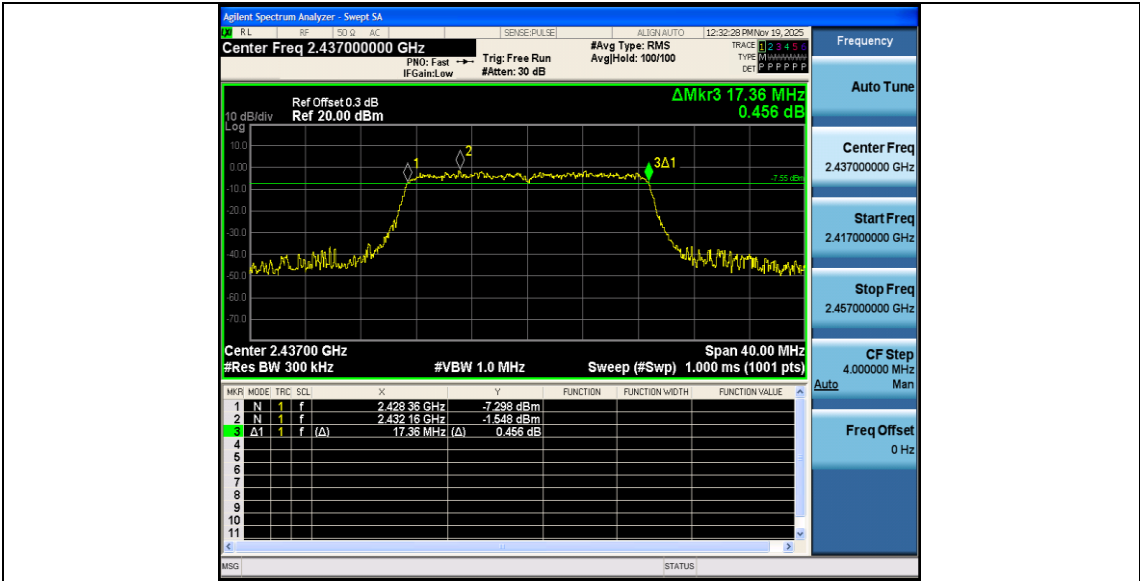
11G_Ant2_2462



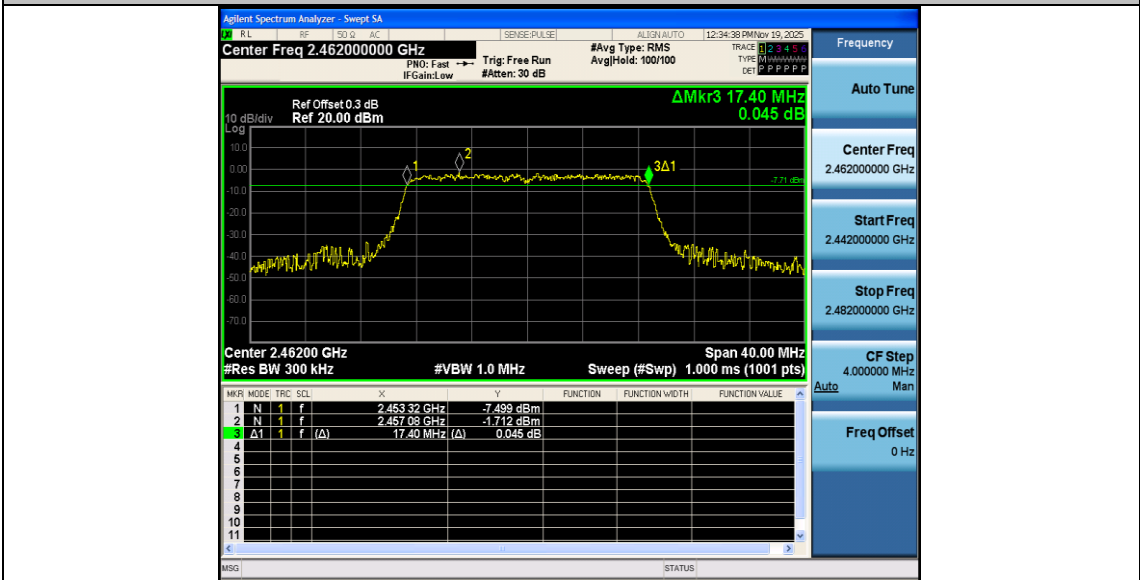
11N20SISO_Ant2_2412



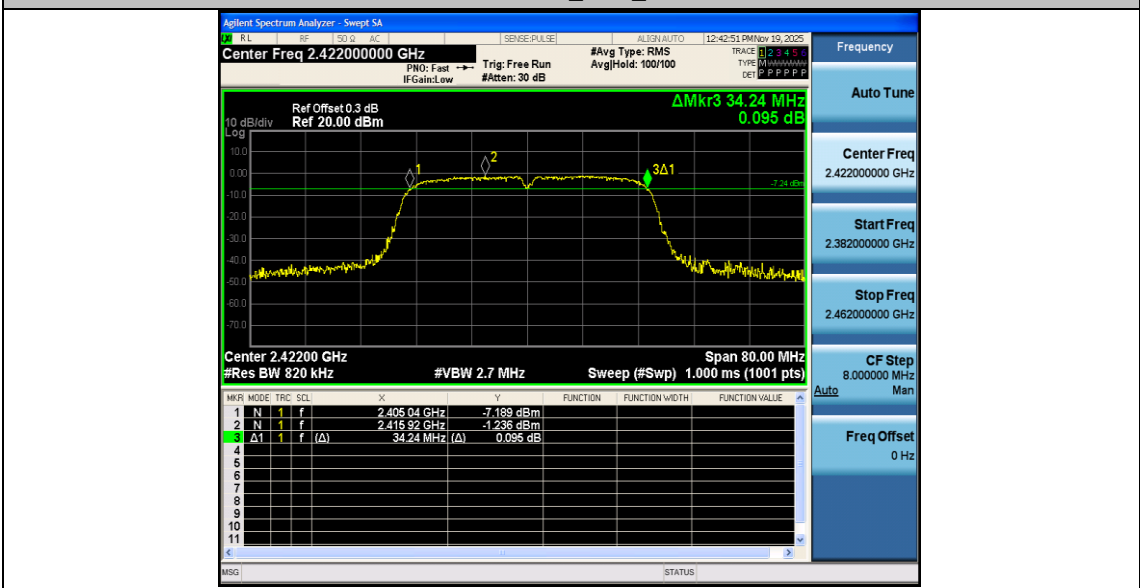
11N20SISO_Ant2_2437

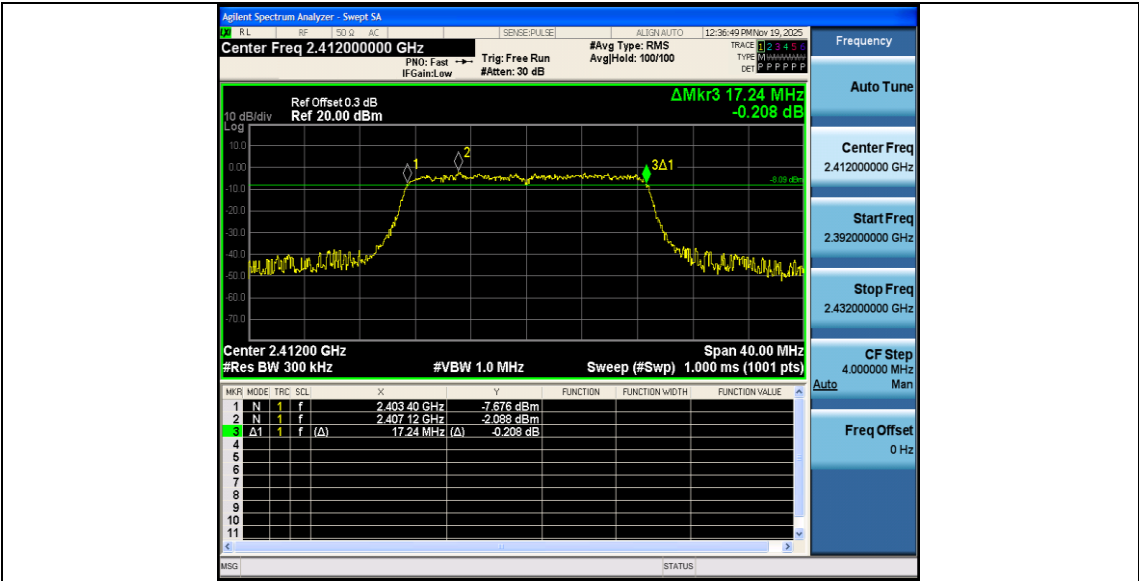


11N20SISO_Ant2_2462

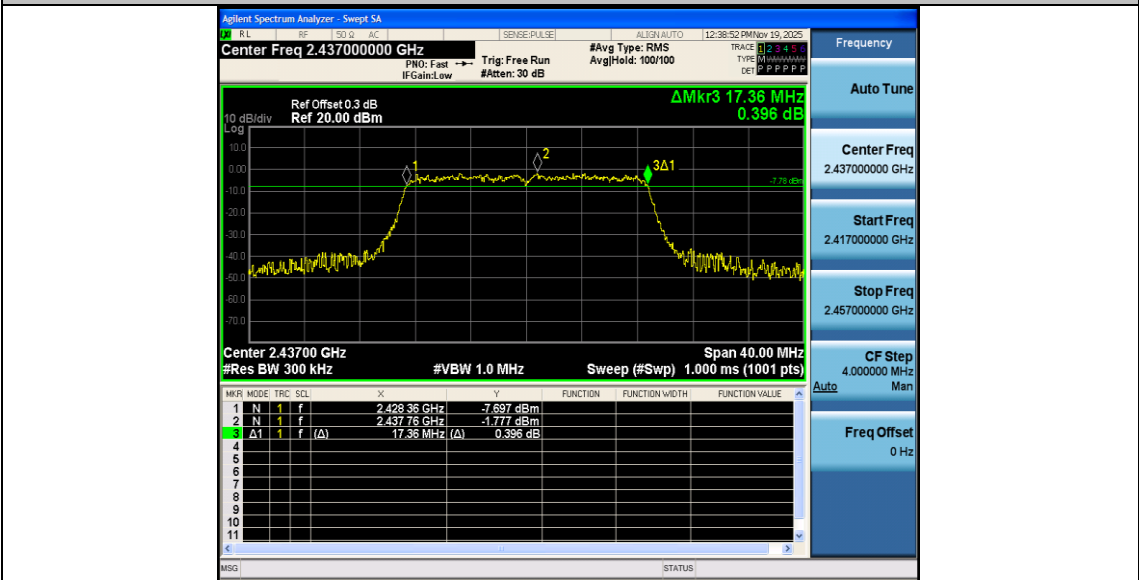


11N40SISO_Ant2_2422

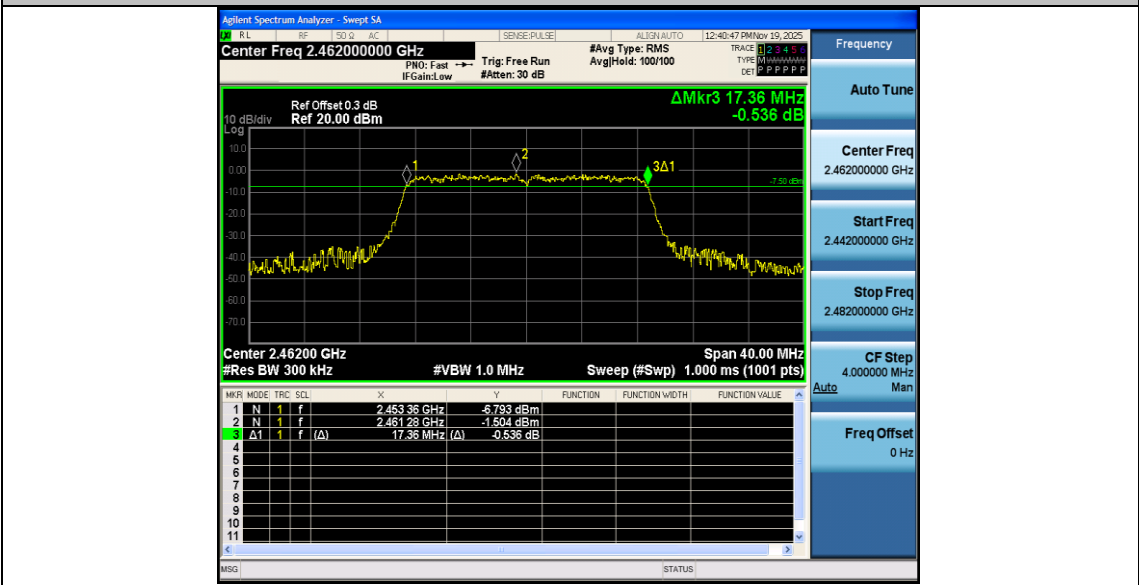




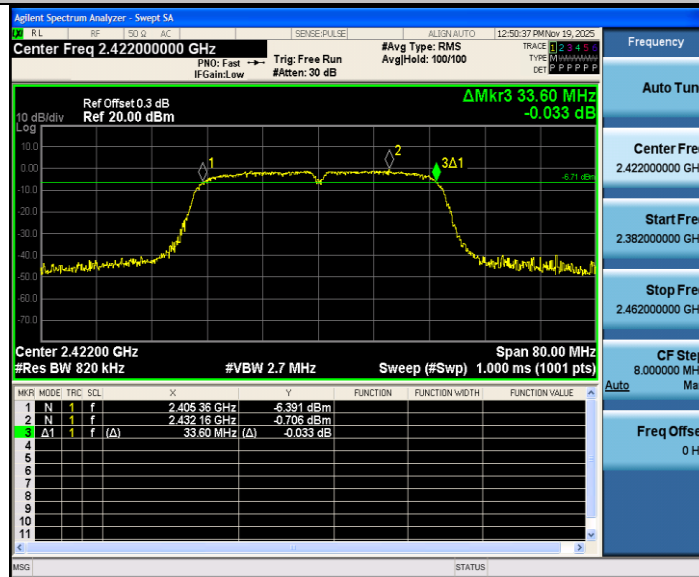
11AX20SISO_Ant2_2437



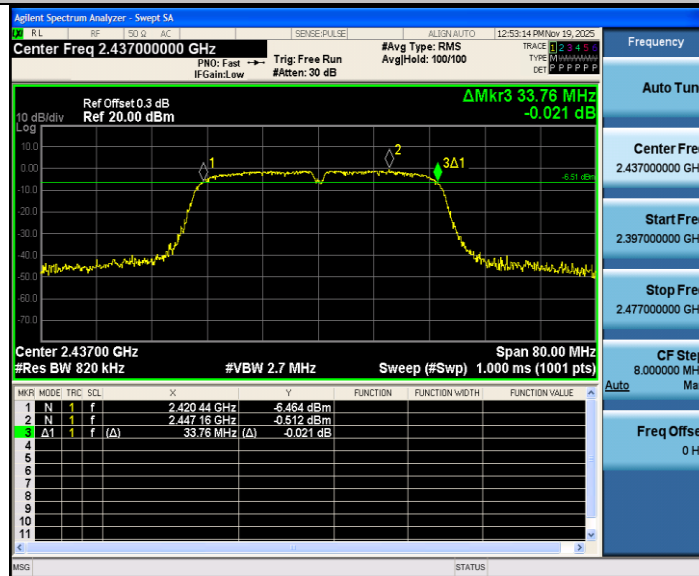
11AX20SISO_Ant2_2462



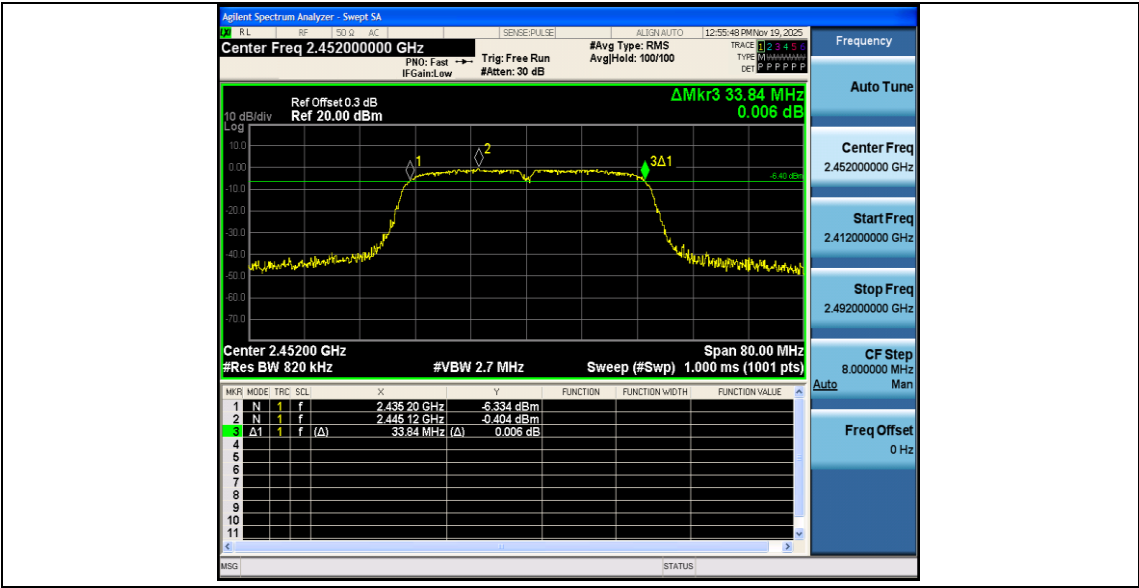
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



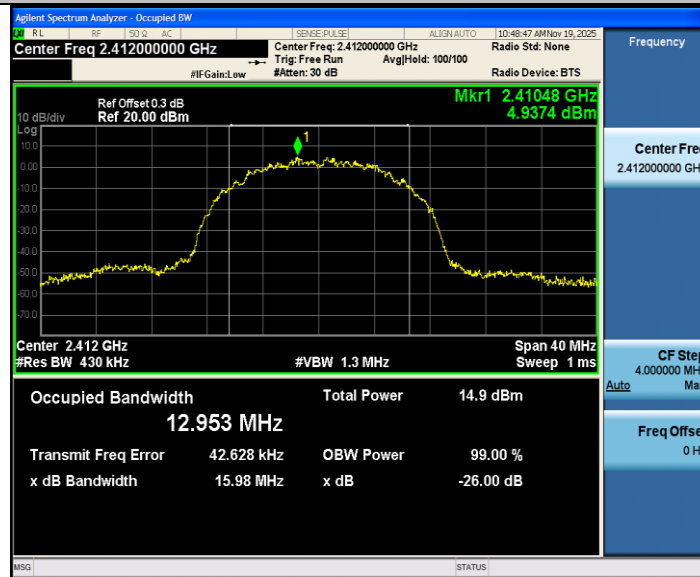
Appendix B: Occupied Channel Bandwidth

Test Result

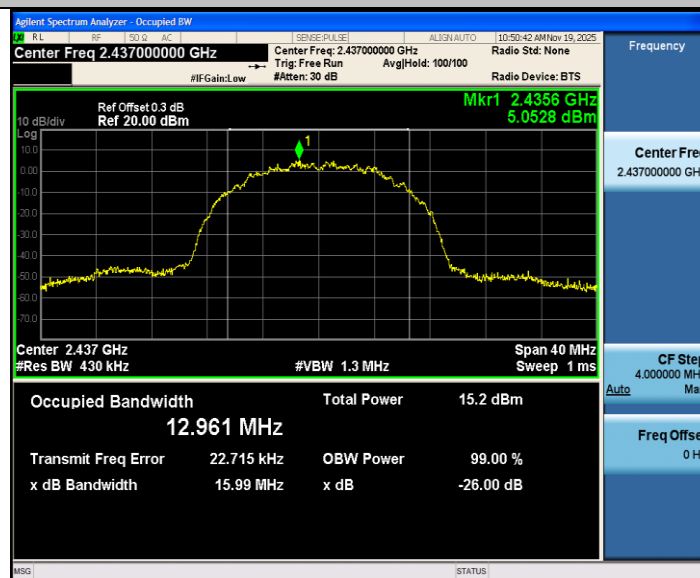
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	12.953	2405.5661	2418.5191	---	---
		2437	12.961	2430.5422	2443.5032	---	---
		2462	12.975	2455.5063	2468.4813	---	---
11G	Ant2	2412	16.579	2403.7592	2420.3382	---	---
		2437	16.603	2428.7212	2445.3242	---	---
		2462	16.591	2453.7213	2470.3123	---	---
11N20SISO	Ant2	2412	17.448	2403.3377	2420.7857	---	---
		2437	17.459	2428.3124	2445.7714	---	---
		2462	17.457	2453.3066	2470.7636	---	---
11N40SISO	Ant2	2422	34.780	2404.7872	2439.5672	---	---
		2437	34.814	2419.7107	2454.5247	---	---
		2452	34.855	2434.6675	2469.5225	---	---
11AX20SISO	Ant2	2412	17.434	2403.3193	2420.7533	---	---
		2437	17.462	2428.2987	2445.7607	---	---
		2462	17.437	2453.3204	2470.7574	---	---
11AX40SISO	Ant2	2422	34.797	2404.7393	2439.5363	---	---
		2437	34.883	2419.6768	2454.5598	---	---
		2452	34.832	2434.6795	2469.5115	---	---

Test Graphs

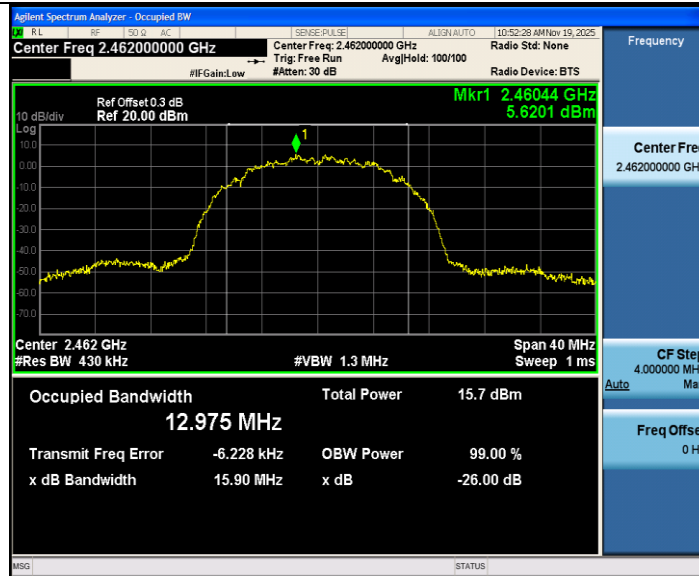
11B_Ant2_2412



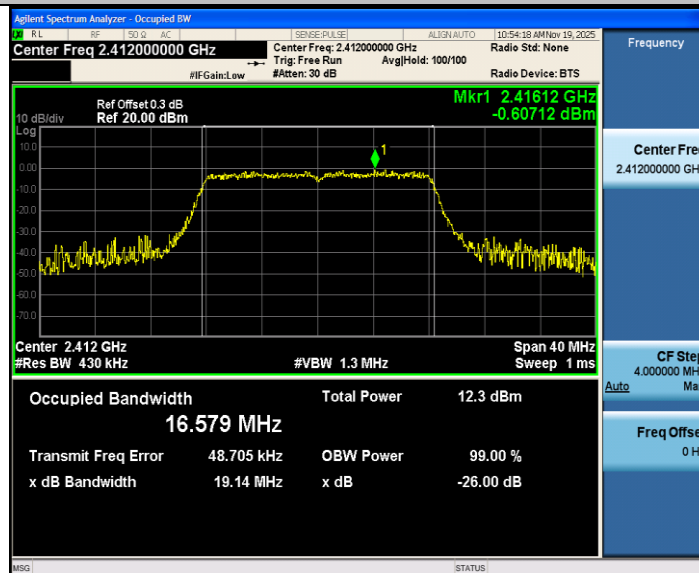
11B_Ant2_2437



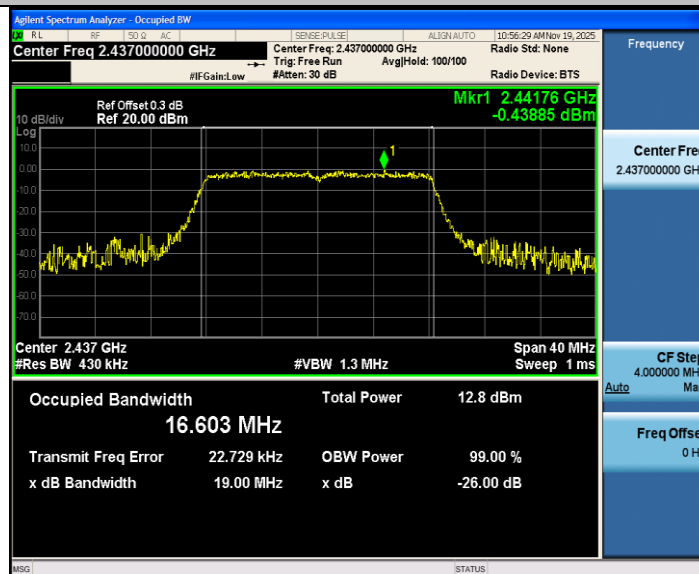
11B_Ant2_2462



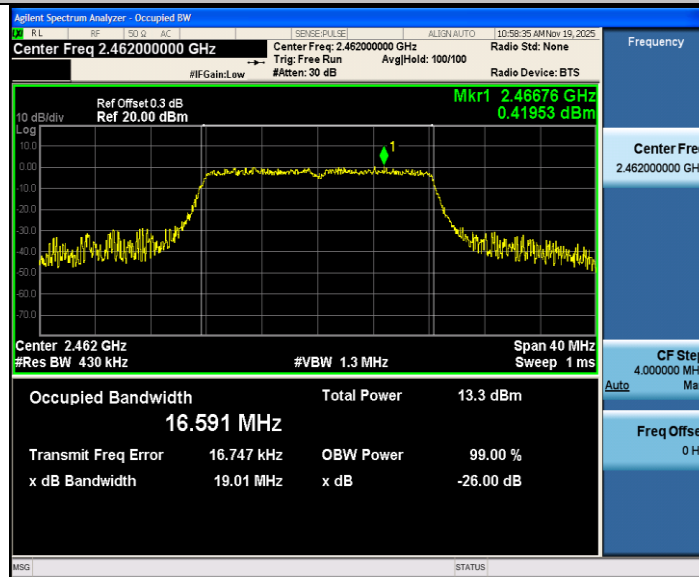
11G_Ant2_2412



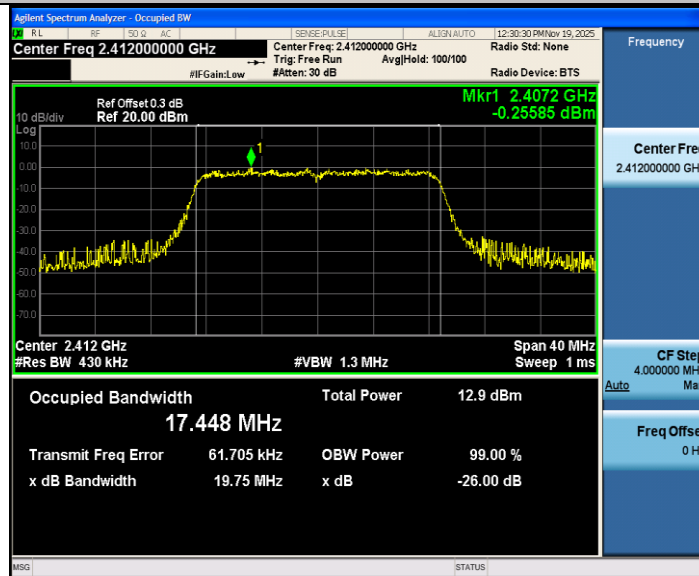
11G_Ant2_2437



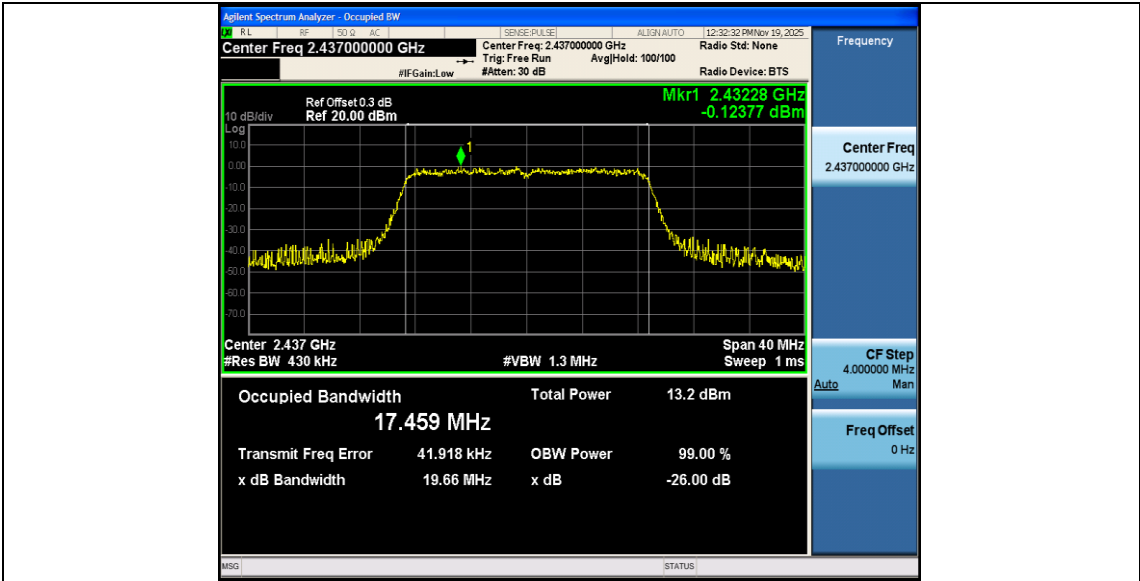
11G_Ant2_2462



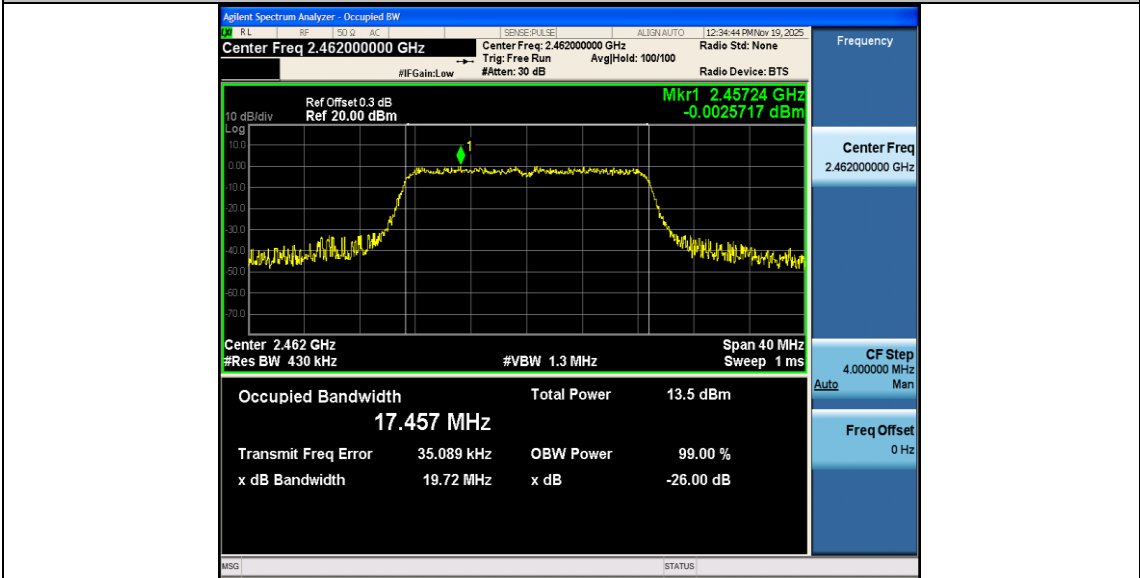
11N20SISO_Ant2_2412



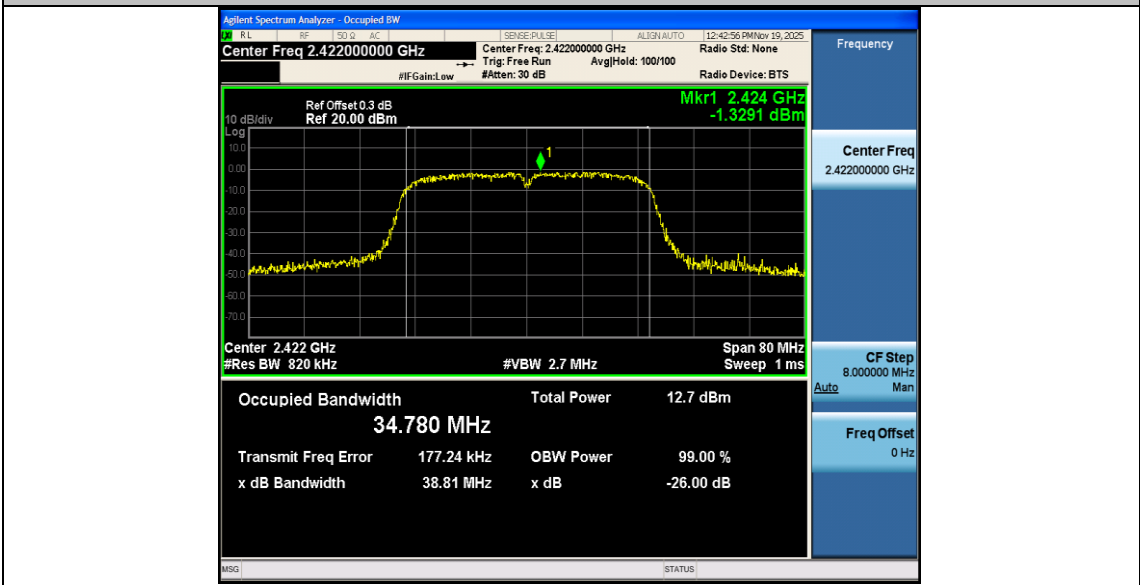
11N20SISO_Ant2_2437



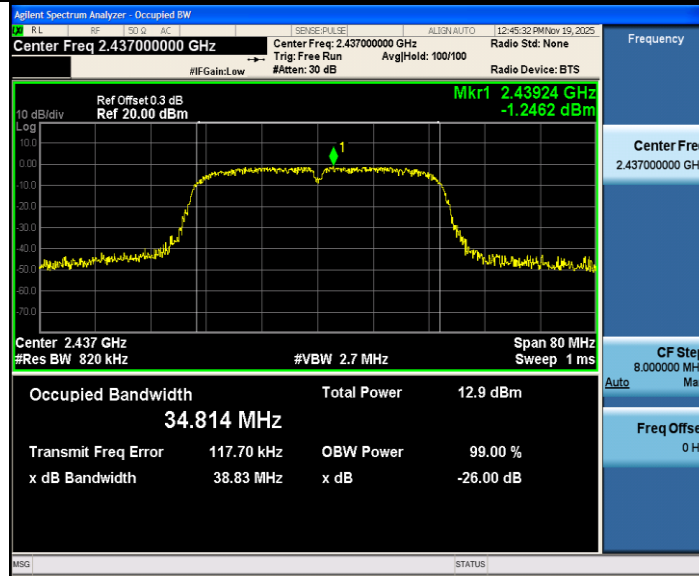
11N20SISO_Ant2_2462



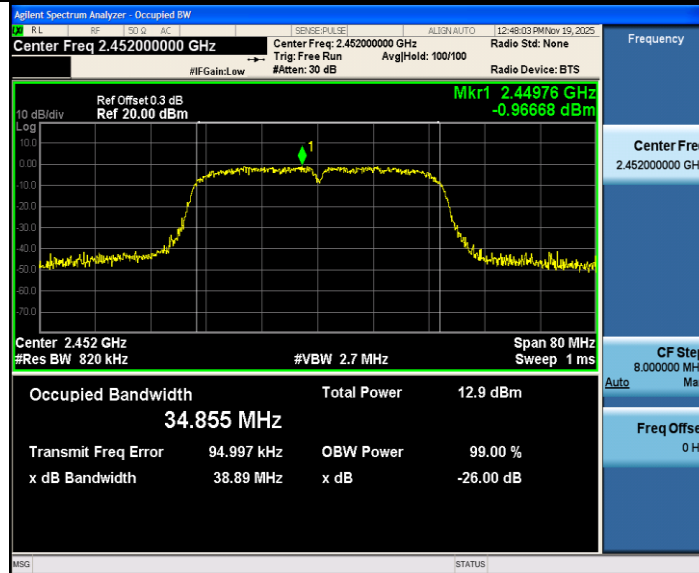
11N40SISO_Ant2_2422



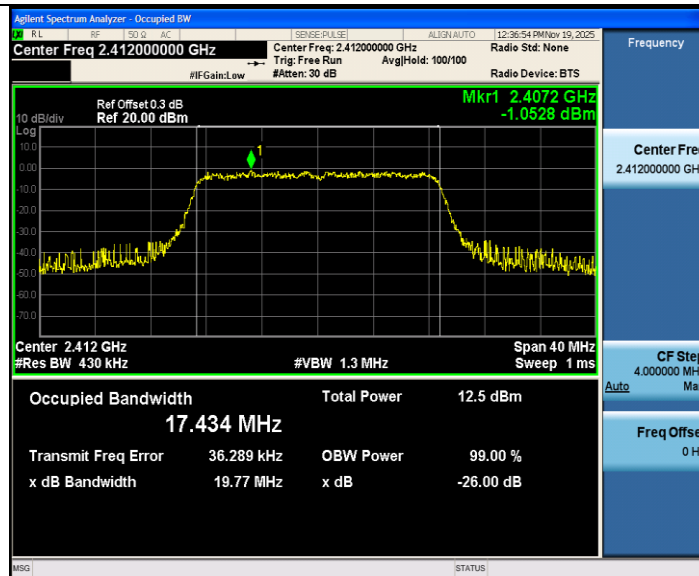
11N40SISO_Ant2_2437



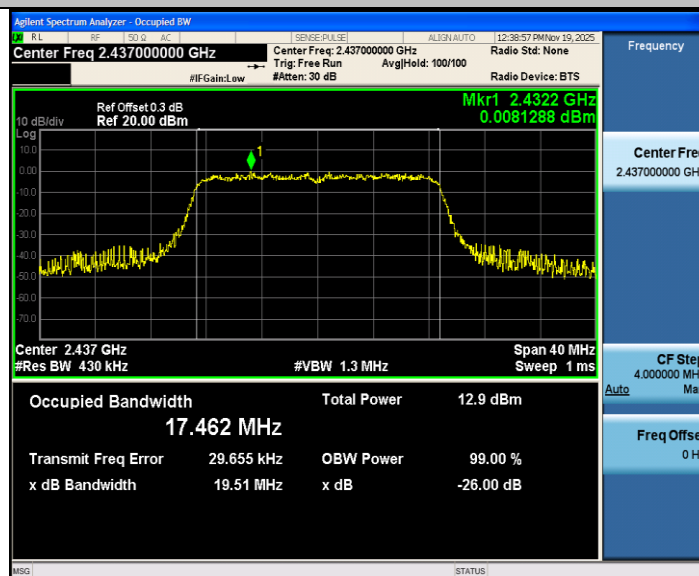
11N40SISO_Ant2_2452



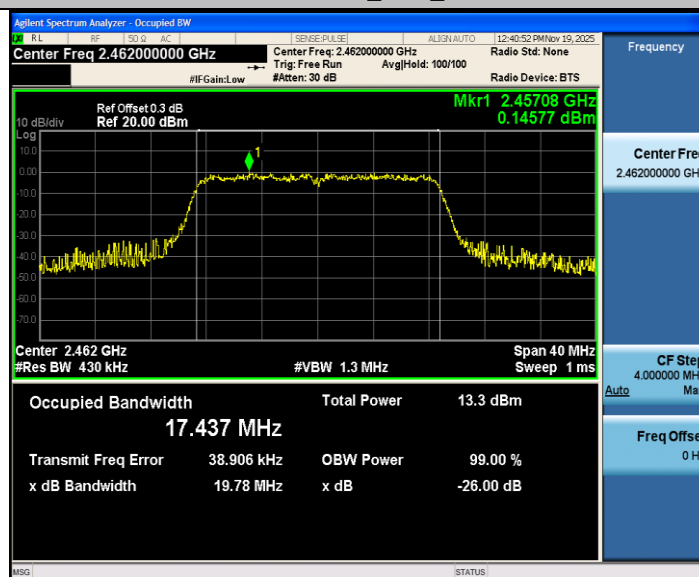
11AX20SISO_Ant2_2412



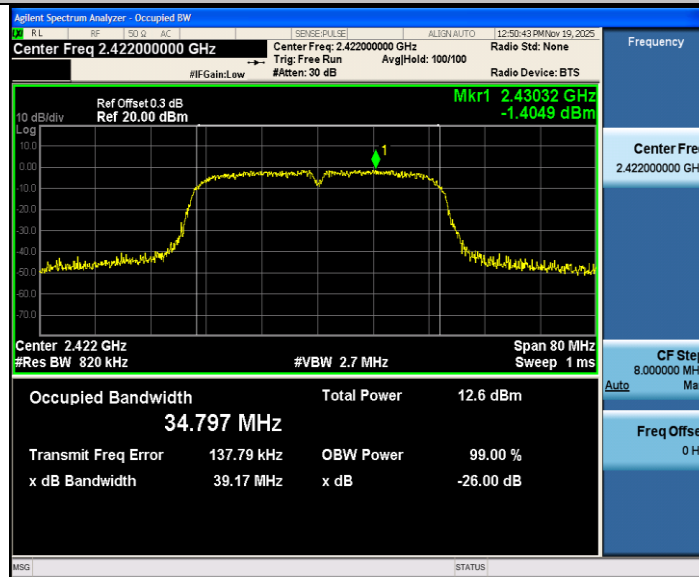
11AX20SISO_Ant2_2437



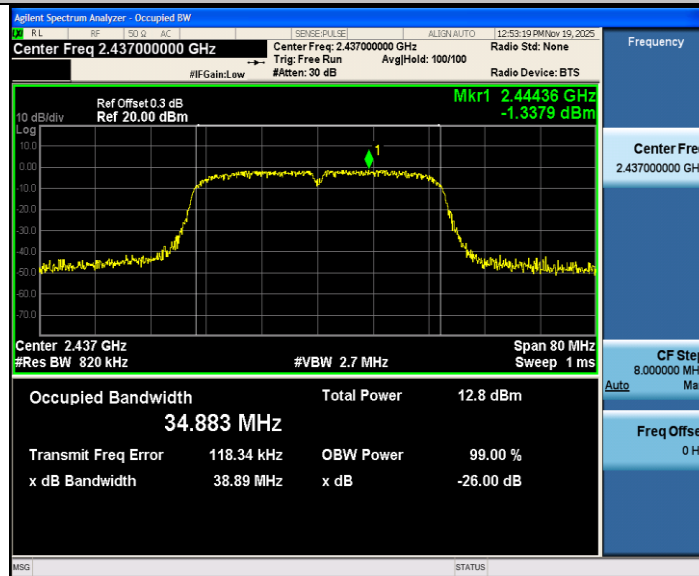
11AX20SISO_Ant2_2462



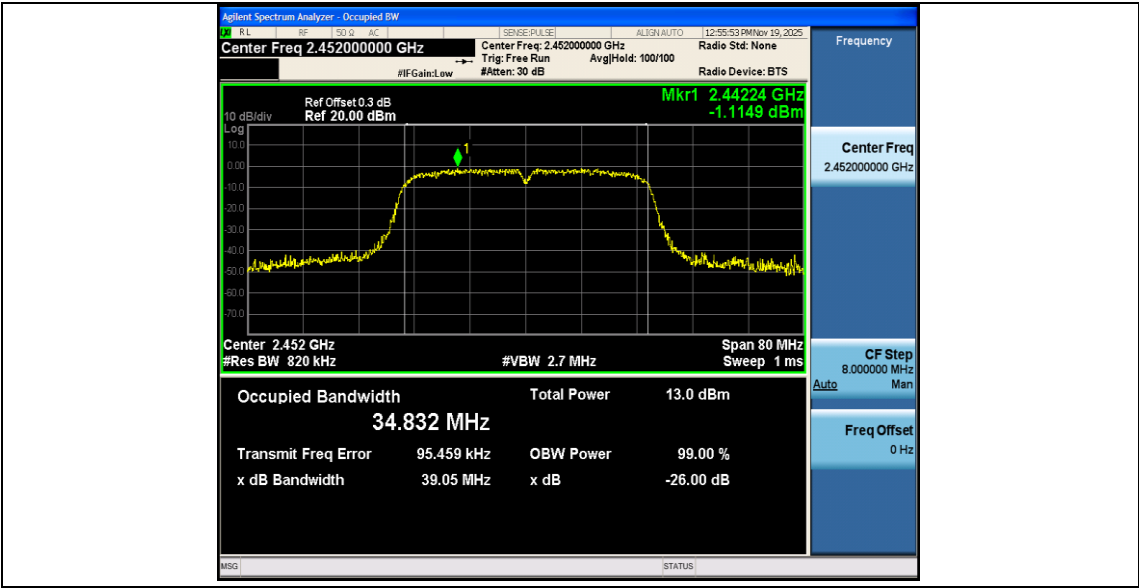
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	14.15	≤30.00	PASS
		2437	14.77	≤30.00	PASS
		2462	15.26	≤30.00	PASS
11G	Ant2	2412	13.04	≤30.00	PASS
		2437	13.65	≤30.00	PASS
		2462	14.20	≤30.00	PASS
11N20SISO	Ant2	2412	14.11	≤30.00	PASS
		2437	14.36	≤30.00	PASS
		2462	14.56	≤30.00	PASS
11N40SISO	Ant2	2422	12.93	≤30.00	PASS
		2437	13.03	≤30.00	PASS
		2452	13.22	≤30.00	PASS
11AX20SISO	Ant2	2412	13.64	≤30.00	PASS
		2437	14.17	≤30.00	PASS
		2462	14.44	≤30.00	PASS
11AX40SISO	Ant2	2422	12.84	≤30.00	PASS
		2437	12.93	≤30.00	PASS
		2452	13.25	≤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	-14.45	≤8.00	PASS
		2437	-14.06	≤8.00	PASS
		2462	-13.60	≤8.00	PASS
11G	Ant2	2412	-21.35	≤8.00	PASS
		2437	-20.71	≤8.00	PASS
		2462	-20.36	≤8.00	PASS
11N20SISO	Ant2	2412	-20.22	≤8.00	PASS
		2437	-20.20	≤8.00	PASS
		2462	-19.81	≤8.00	PASS
11N40SISO	Ant2	2422	-22.80	≤8.00	PASS
		2437	-21.43	≤8.00	PASS
		2452	-22.05	≤8.00	PASS
11AX20SISO	Ant2	2412	-20.56	≤8.00	PASS
		2437	-20.10	≤8.00	PASS
		2462	-19.93	≤8.00	PASS
11AX40SISO	Ant2	2422	-23.02	≤8.00	PASS
		2437	-22.38	≤8.00	PASS
		2452	-21.71	≤8.00	PASS

Test Graphs

11B_Ant2_2412



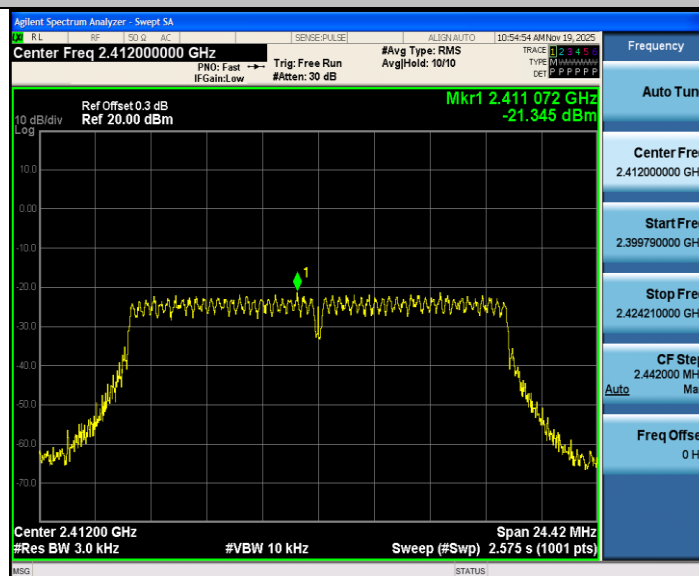
11B_Ant2_2437



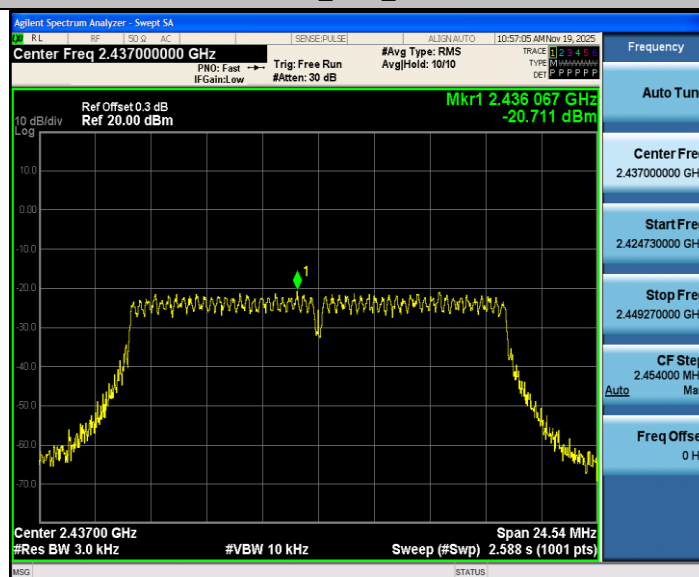
11B_Ant2_2462



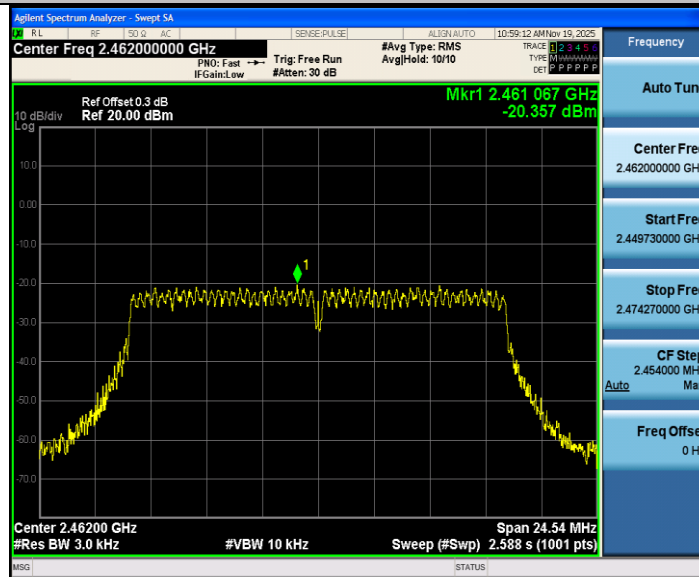
11G_Ant2_2412



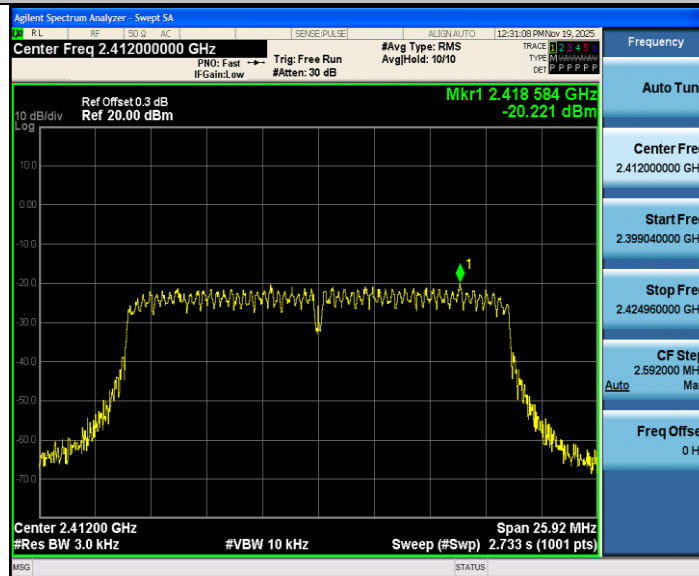
11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437