

Case No. : <u>GTS20250626004-4-1</u>	
Ambient Condition: <u>22</u> °C, <u>59</u> %RH,	
Test Date: <u>2025.9.2</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant 2	2412	9.560	2407.440	2417.000	0.5	PASS
		2437	9.080	2432.480	2441.560	0.5	PASS
		2462	9.600	2457.440	2467.040	0.5	PASS
11G	Ant 2	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.240	2428.880	2445.120	0.5	PASS
		2462	15.680	2454.080	2469.760	0.5	PASS
11N20SISO	Ant 2	2412	16.920	2403.240	2420.160	0.5	PASS
		2437	15.400	2429.120	2444.520	0.5	PASS
		2462	17.240	2453.240	2470.480	0.5	PASS
11N40SISO	Ant 2	2422	35.600	2404.160	2439.760	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	34.480	2435.120	2469.600	0.5	PASS
11AX20SISO	Ant 2	2412	18.320	2402.680	2421.000	0.5	PASS
		2437	18.400	2427.880	2446.280	0.5	PASS
		2462	16.880	2453.120	2470.000	0.5	PASS
11AX40SISO	Ant 2	2422	37.040	2403.200	2440.240	0.5	PASS
		2437	37.200	2418.200	2455.400	0.5	PASS
		2452	35.120	2434.400	2469.520	0.5	PASS

Test Graphs

11B_Ant 2_2412



11B_Ant 2_2437



11B_Ant 2_2462



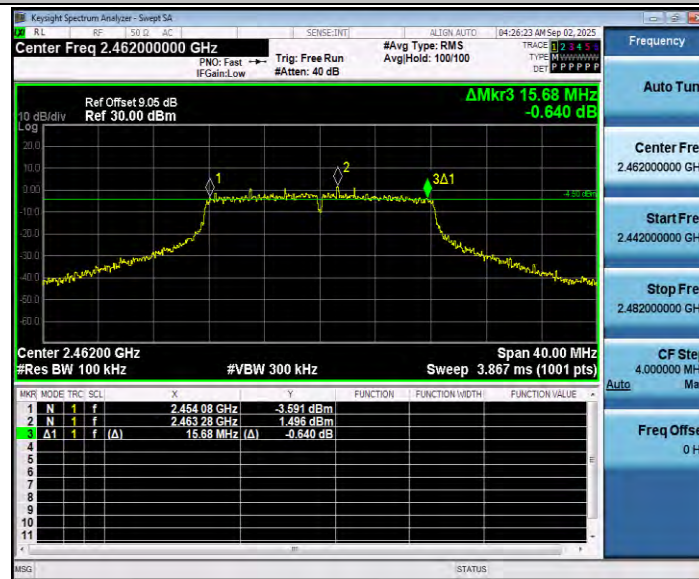
11G_Ant 2_2412



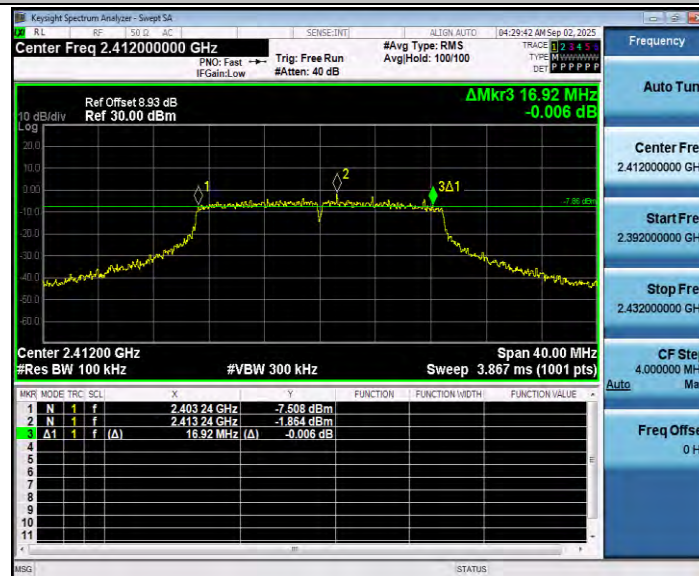
11G_Ant 2_2437



11G_Ant 2_2462



11N20SISO_Ant 2_2412



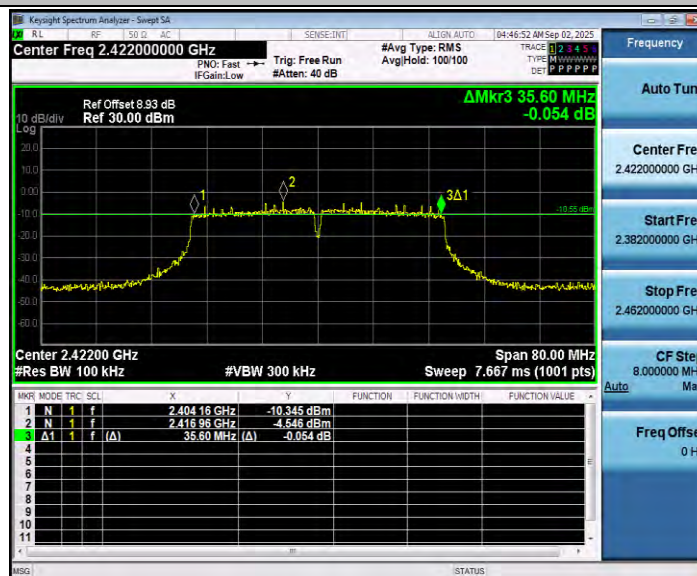
11N20SISO_Ant 2_2437



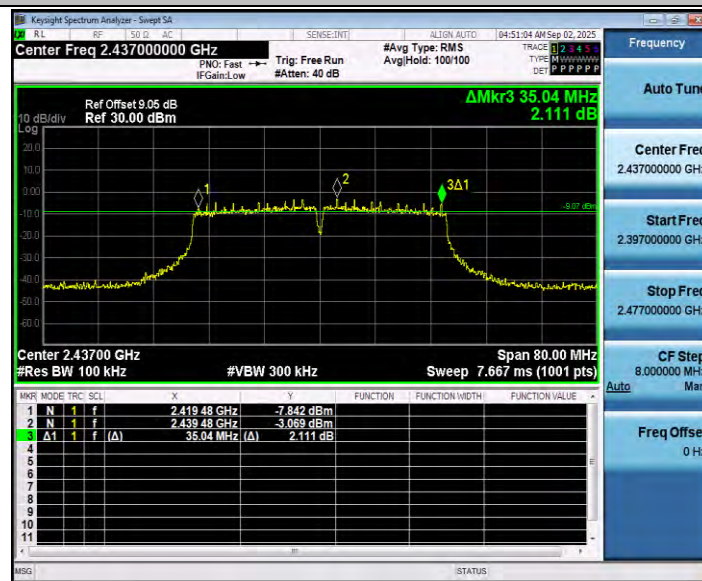
11N20SISO_Ant 2_2462



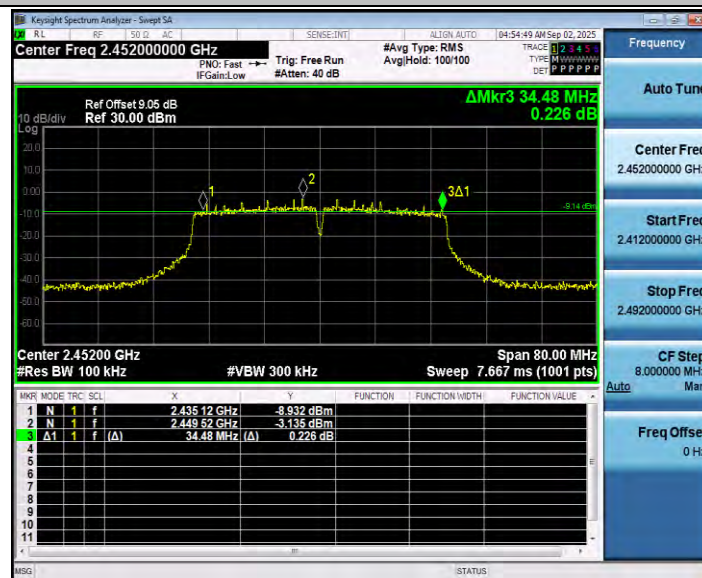
11N40SISO_Ant 2_2422



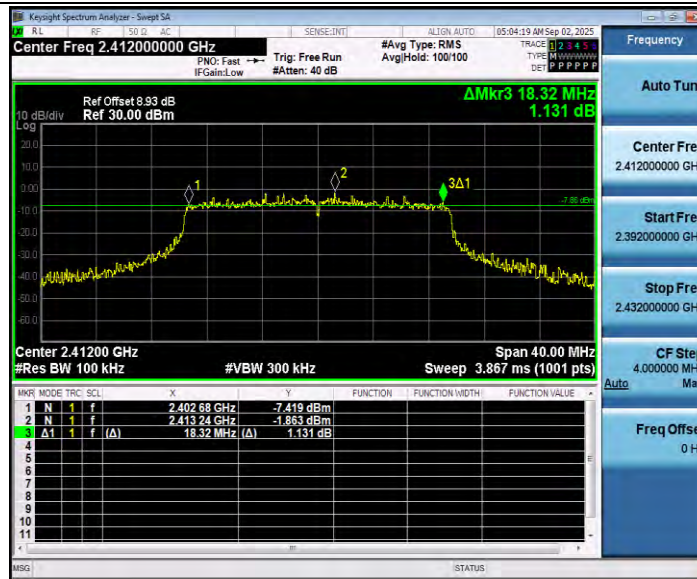
11N40SISO_Ant 2_2437



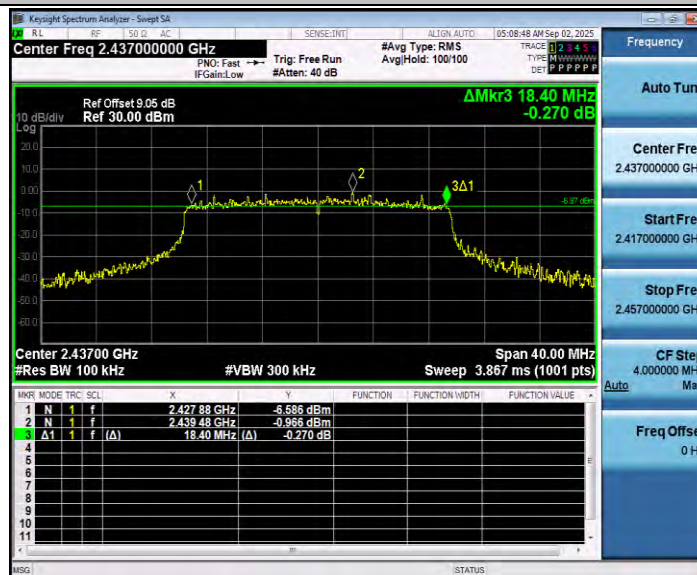
11N40SISO_Ant 2_2452



11AX20SISO_Ant 2_2412



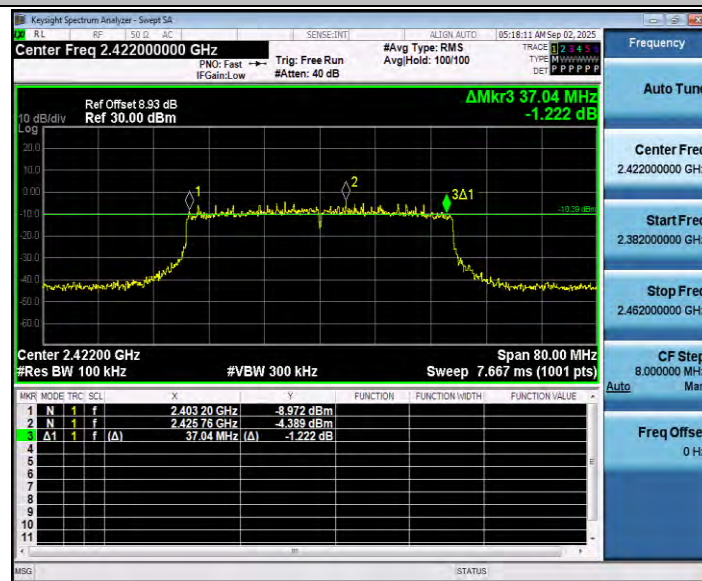
11AX20SISO_Ant 2_2437



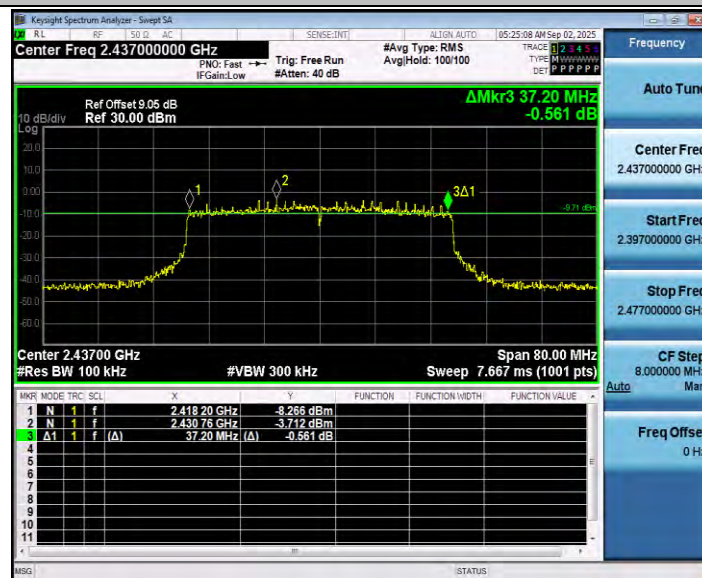
11AX20SISO_Ant 2_2462



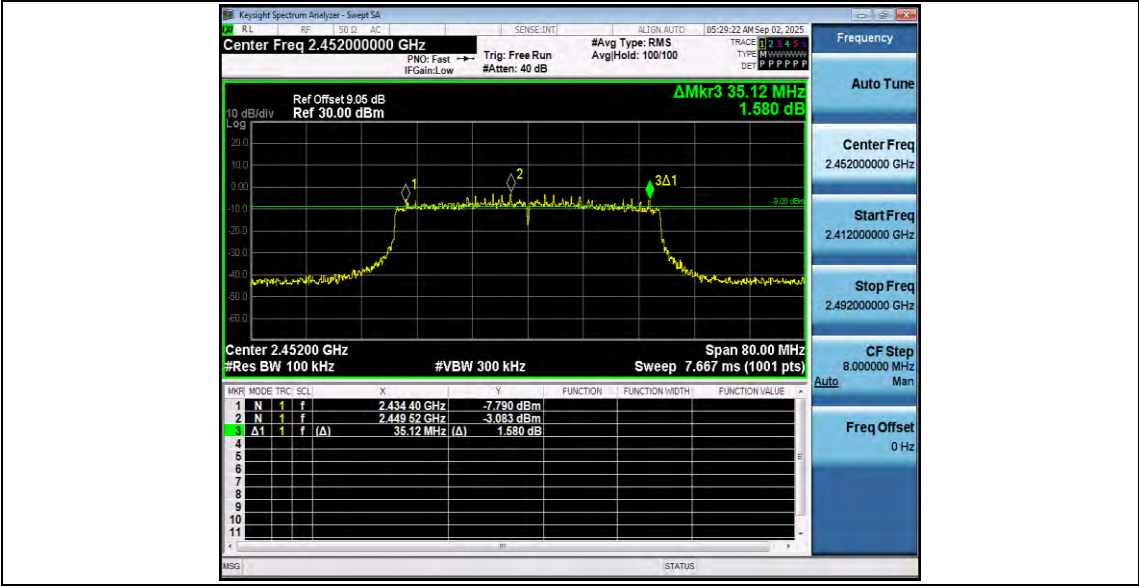
11AX40SISO_Ant 2_2422



11AX40SISO_Ant 2_2437



11AX40SISO_Ant 2_2452

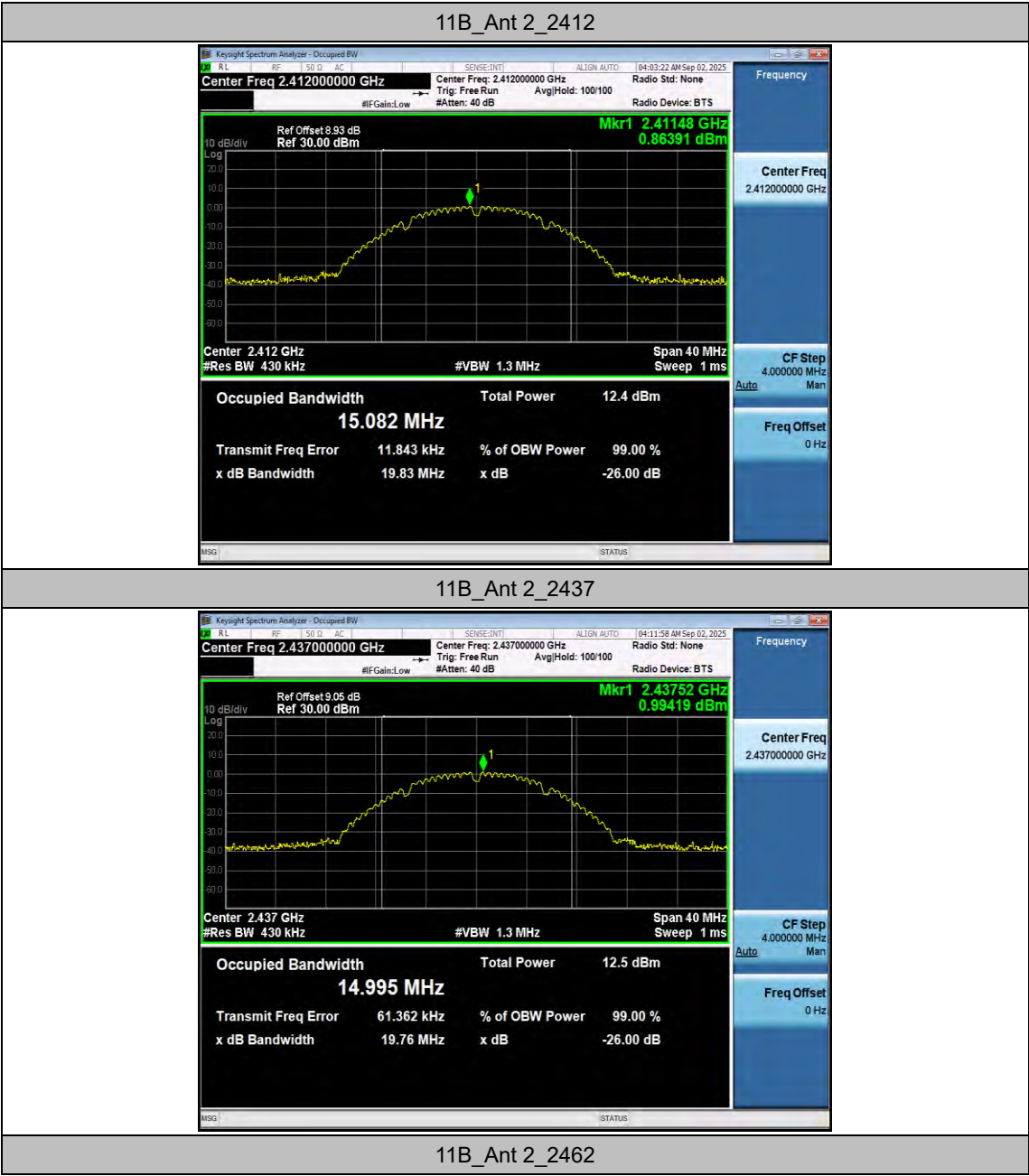


Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant 2	2412	15.082	2404.4708	2419.5528	---	---
		2437	14.995	2429.5639	2444.5589	---	---
		2462	15.027	2454.5001	2469.5271	---	---
11G	Ant 2	2412	17.434	2403.1876	2420.6216	---	---
		2437	17.313	2428.3062	2445.6192	---	---
		2462	17.314	2453.2776	2470.5916	---	---
11N20SISO	Ant 2	2412	18.598	2402.7062	2421.3042	---	---
		2437	18.404	2427.7839	2446.1879	---	---
		2462	18.512	2452.6824	2471.1944	---	---
11N40SISO	Ant 2	2422	36.881	2403.5181	2440.3991	---	---
		2437	36.754	2418.6424	2455.3964	---	---
		2452	36.626	2433.6896	2470.3156	---	---
11AX20SISO	Ant 2	2412	19.362	2402.2713	2421.6333	---	---
		2437	19.213	2427.4413	2446.6543	---	---
		2462	19.242	2452.3738	2471.6158	---	---
11AX40SISO	Ant 2	2422	38.008	2402.9535	2440.9615	---	---
		2437	37.855	2418.1059	2455.9609	---	---
		2452	38.001	2432.9524	2470.9534	---	---

Test Graphs





11G_Ant 2_2412



11G_Ant 2_2437



11G_Ant 2_2462



11N20SISO_Ant 2_2412



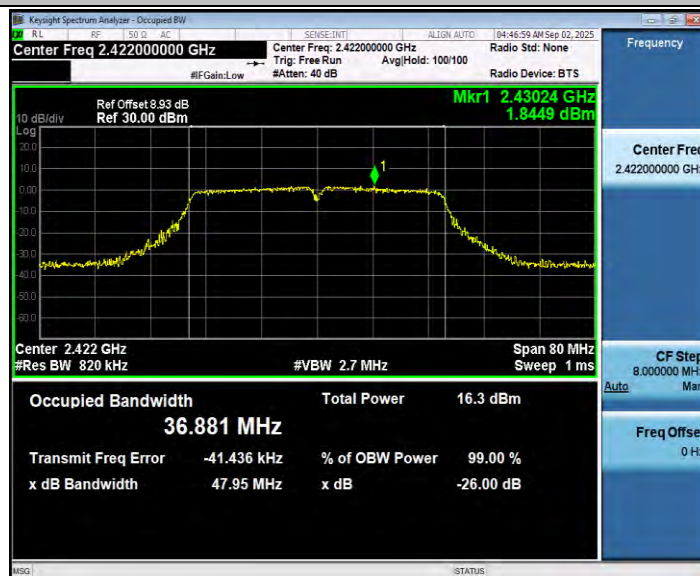
11N20SISO_Ant 2_2437



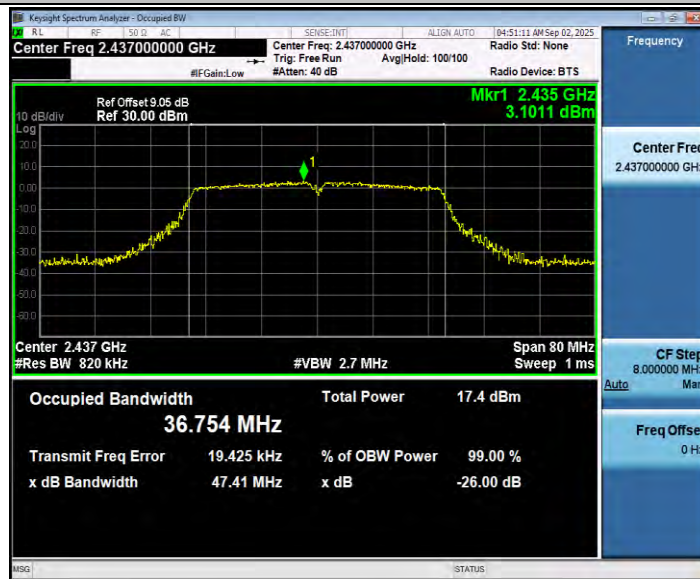
11N20SISO_Ant 2_2462



11N40SISO_Ant 2_2422



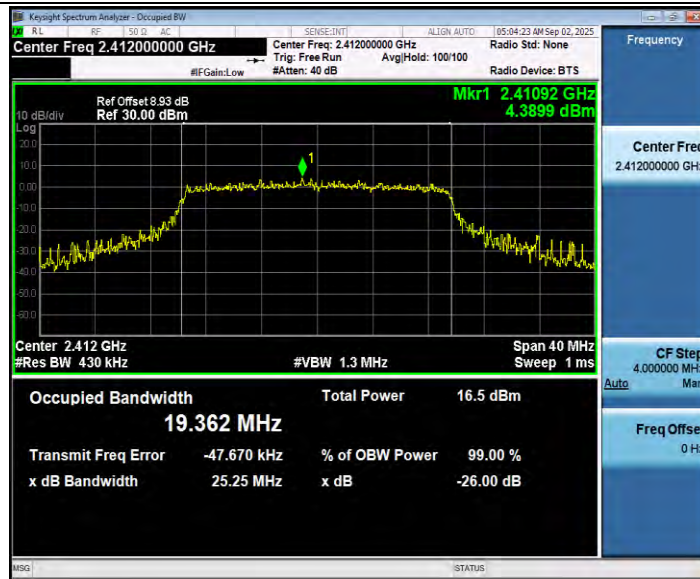
11N40SISO_Ant 2_2437



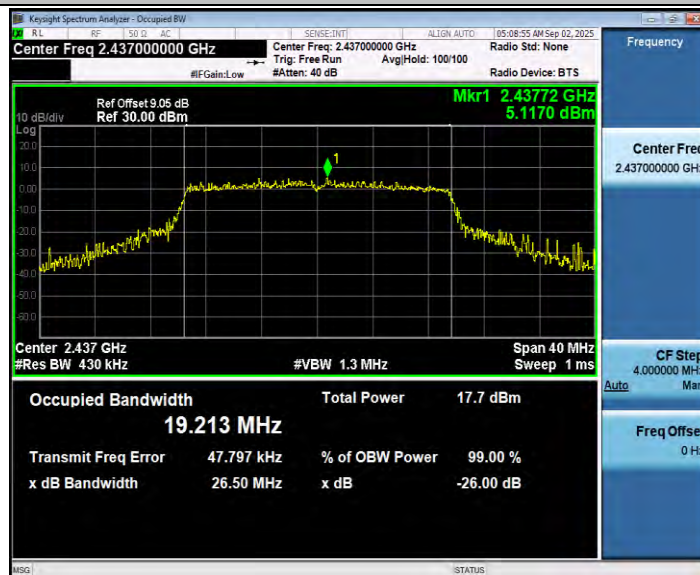
11N40SISO_Ant 2_2452



11AX20SISO_Ant 2_2412



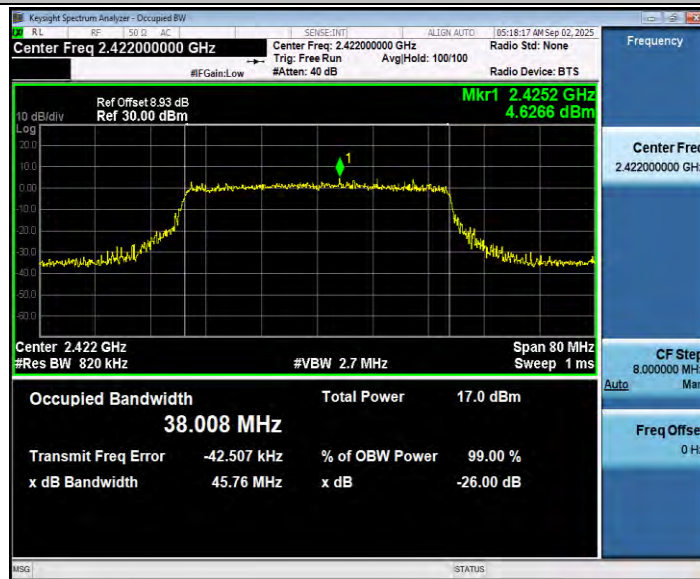
11AX20SISO_Ant 2_2437



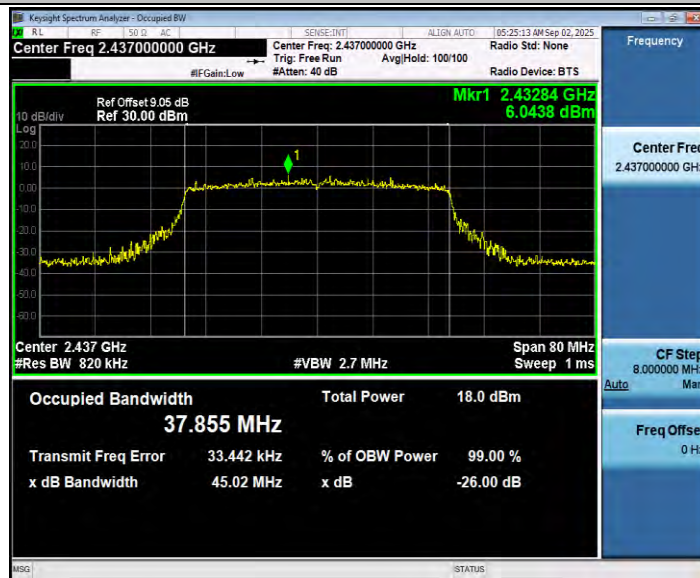
11AX20SISO_Ant 2_2462



11AX40SISO_Ant 2_2422



11AX40SISO_Ant 2_2437



11AX40SISO_Ant 2_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency [MHz]	Set Power	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant 2	2412	---	12.45	≤30.00	PASS
		2437	---	12.56	≤30.00	PASS
		2462	---	12.10	≤30.00	PASS
11G	Ant 2	2412	---	18.63	≤30.00	PASS
		2437	---	19.96	≤30.00	PASS
		2462	---	19.42	≤30.00	PASS
11N20SI SO	Ant 2	2412	---	16.49	≤30.00	PASS
		2437	---	17.76	≤30.00	PASS
		2462	---	17.39	≤30.00	PASS
11N40SI SO	Ant 2	2422	---	16.62	≤30.00	PASS
		2437	---	17.70	≤30.00	PASS
		2452	---	17.48	≤30.00	PASS
11AX20S ISO	Ant 2	2412	---	17.14	≤30.00	PASS
		2437	---	18.31	≤30.00	PASS
		2462	---	17.94	≤30.00	PASS
11AX40S ISO	Ant 2	2422	---	17.04	≤30.00	PASS
		2437	---	18.28	≤30.00	PASS
		2452	---	18.10	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant 2	2412	-13.12	≤8.00	PASS
		2437	-14.11	≤8.00	PASS
		2462	-13.90	≤8.00	PASS
11G	Ant 2	2412	-13.58	≤8.00	PASS
		2437	-12.70	≤8.00	PASS
		2462	-13.43	≤8.00	PASS
11N20SISO	Ant 2	2412	-16.29	≤8.00	PASS
		2437	-14.82	≤8.00	PASS
		2462	-14.71	≤8.00	PASS
11N40SISO	Ant 2	2422	-19.30	≤8.00	PASS
		2437	-16.64	≤8.00	PASS
		2452	-16.52	≤8.00	PASS
11AX20SISO	Ant 2	2412	-16.75	≤8.00	PASS
		2437	-15.80	≤8.00	PASS
		2462	-16.28	≤8.00	PASS
11AX40SISO	Ant 2	2422	-19.45	≤8.00	PASS
		2437	-18.30	≤8.00	PASS
		2452	-18.62	≤8.00	PASS

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11B_Ant 2_2412



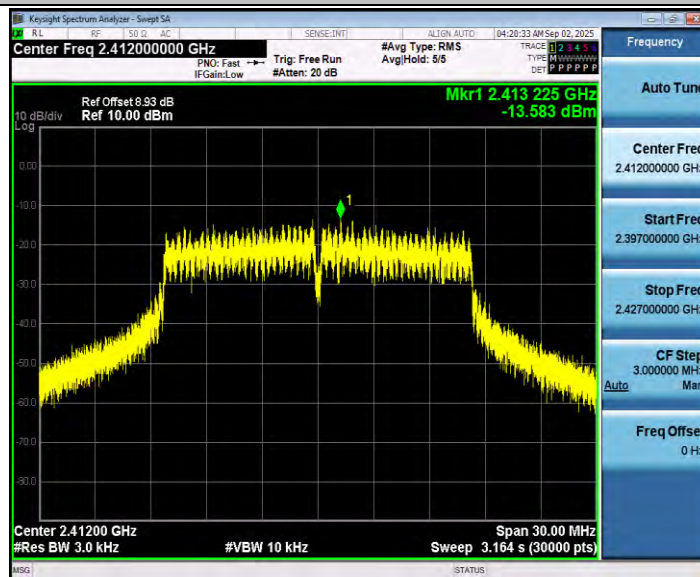
11B_Ant 2_2437



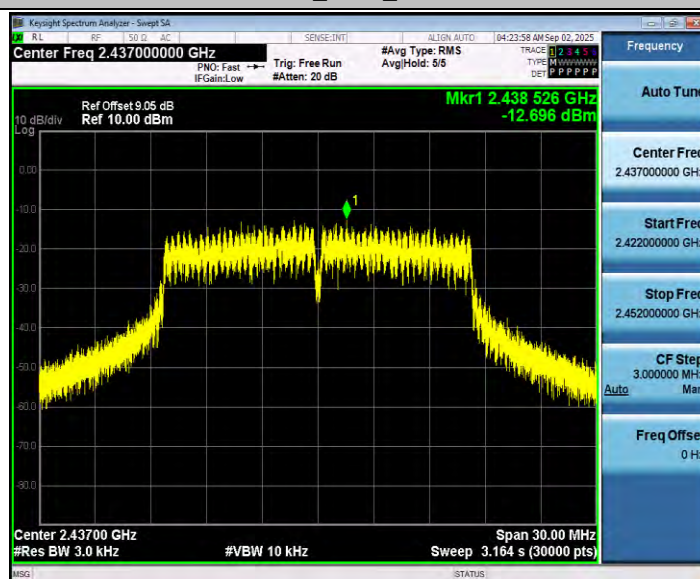
11B_Ant 2_2462



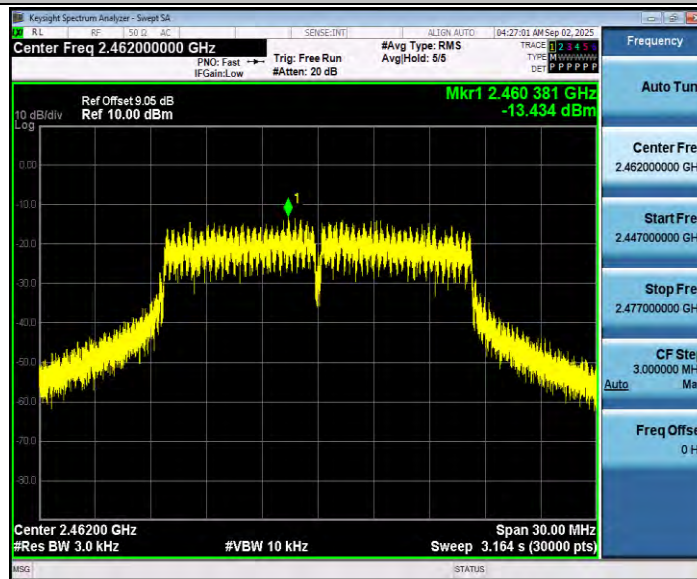
11G_Ant 2_2412



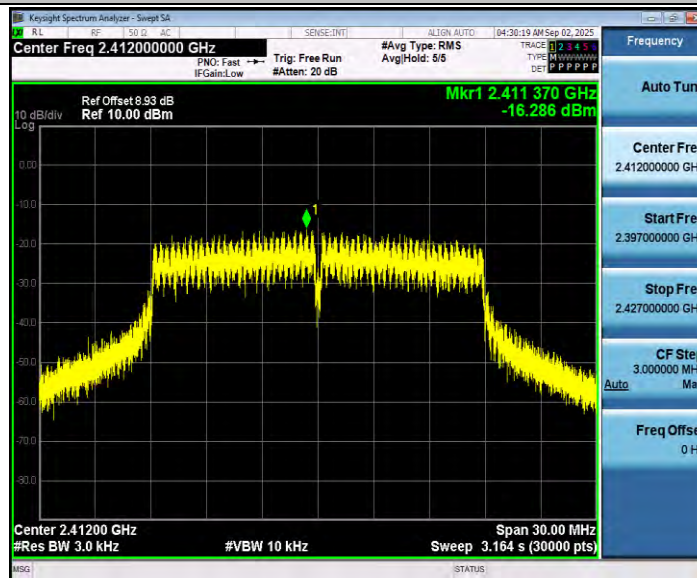
11G_Ant 2_2437



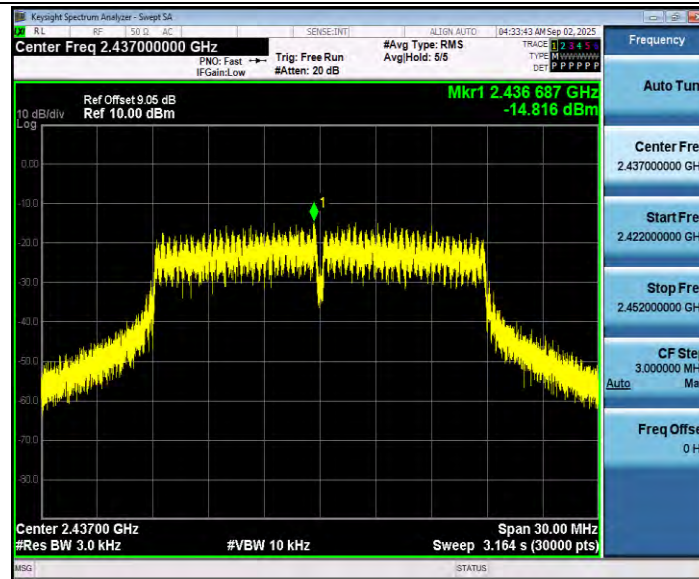
11G_Ant 2_2462



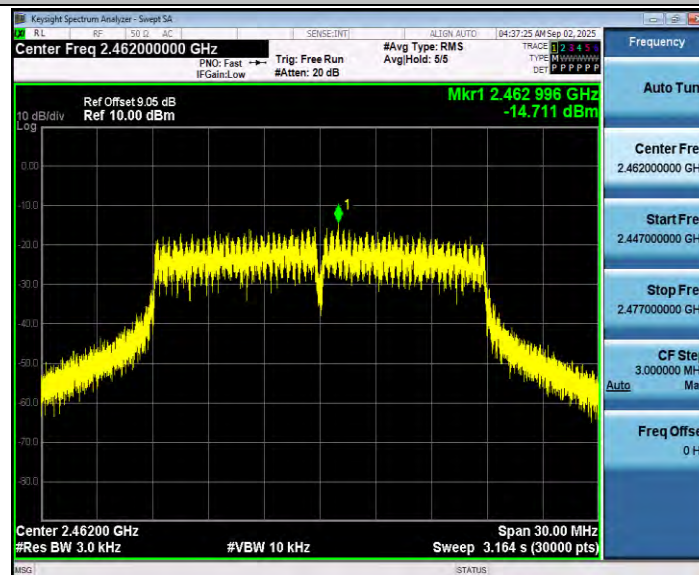
11N20SISO_Ant 2_2412



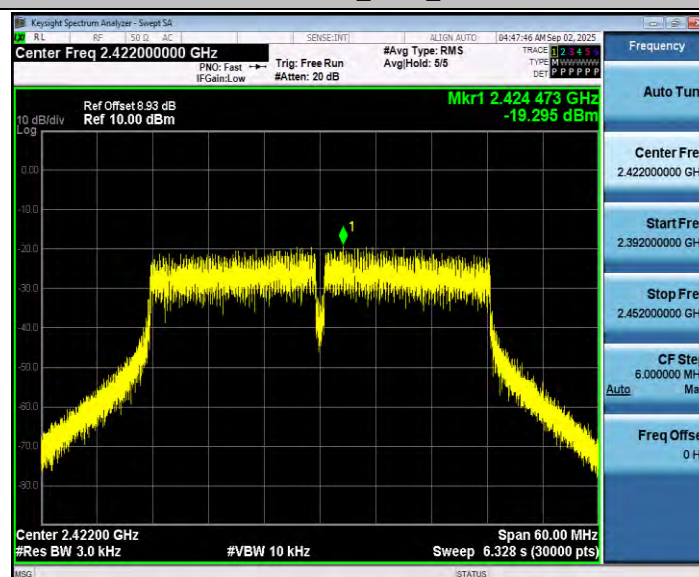
11N20SISO_Ant 2_2437



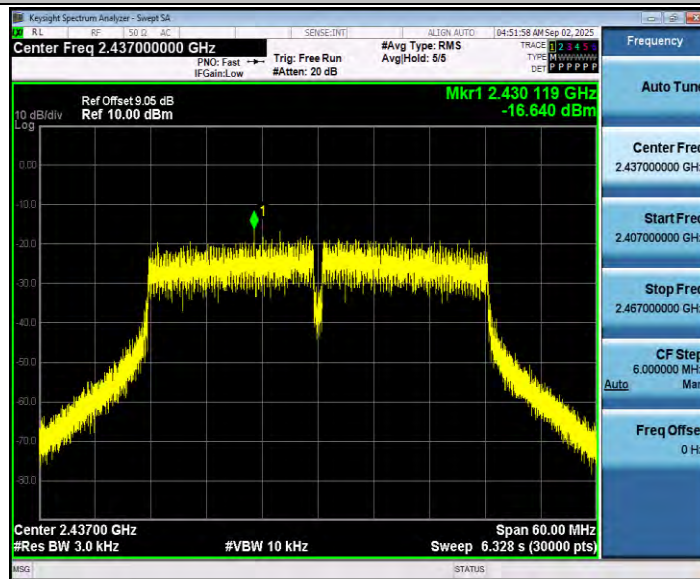
11N20SISO_Ant 2_2462



11N40SISO_Ant 2_2422



11N40SISO_Ant 2_2437



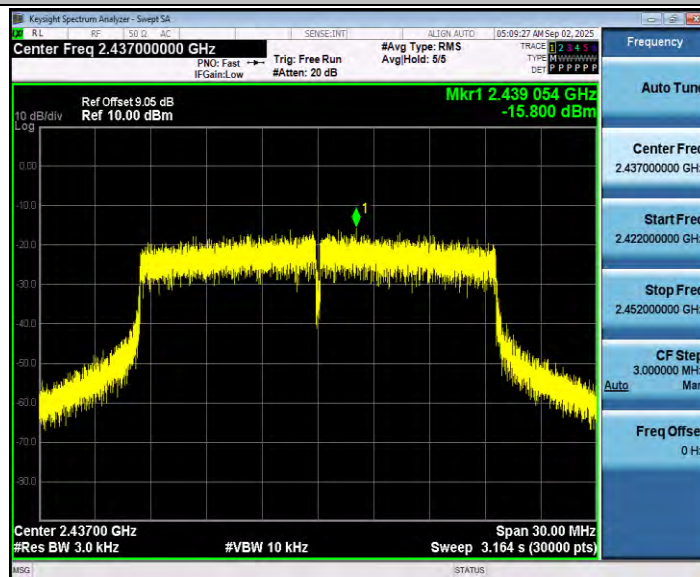
11N40SISO_Ant 2_2452



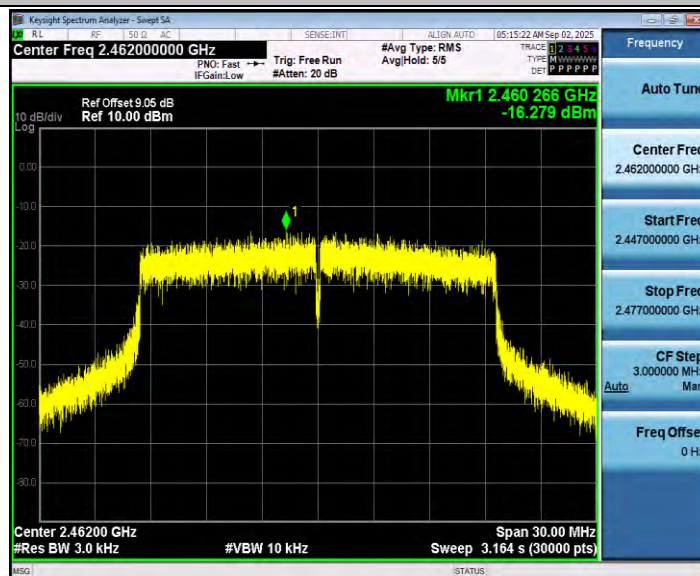
11AX20SISO_Ant 2_2412



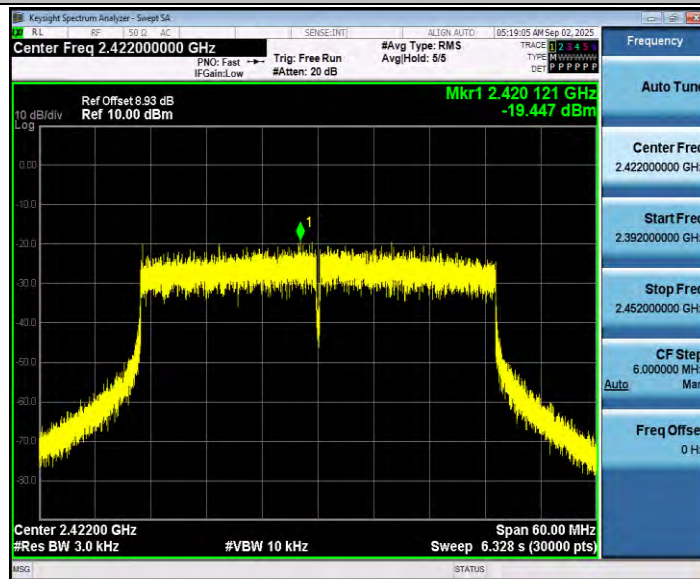
11AX20SISO_Ant 2_2437



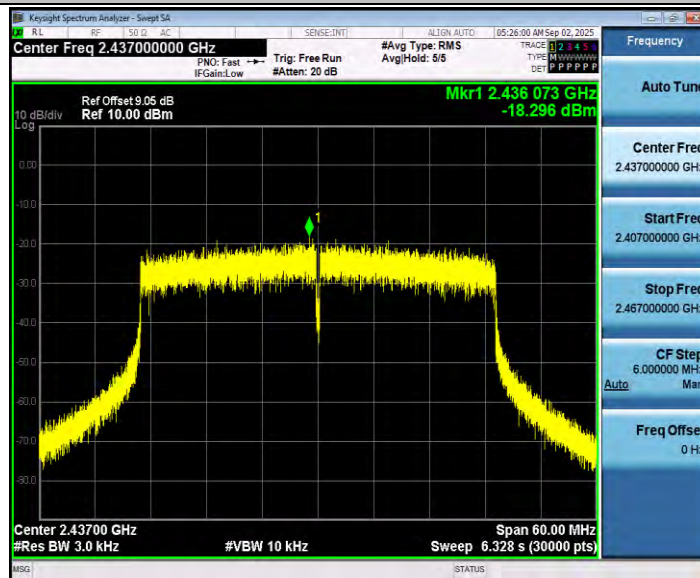
11AX20SISO_Ant 2_2462



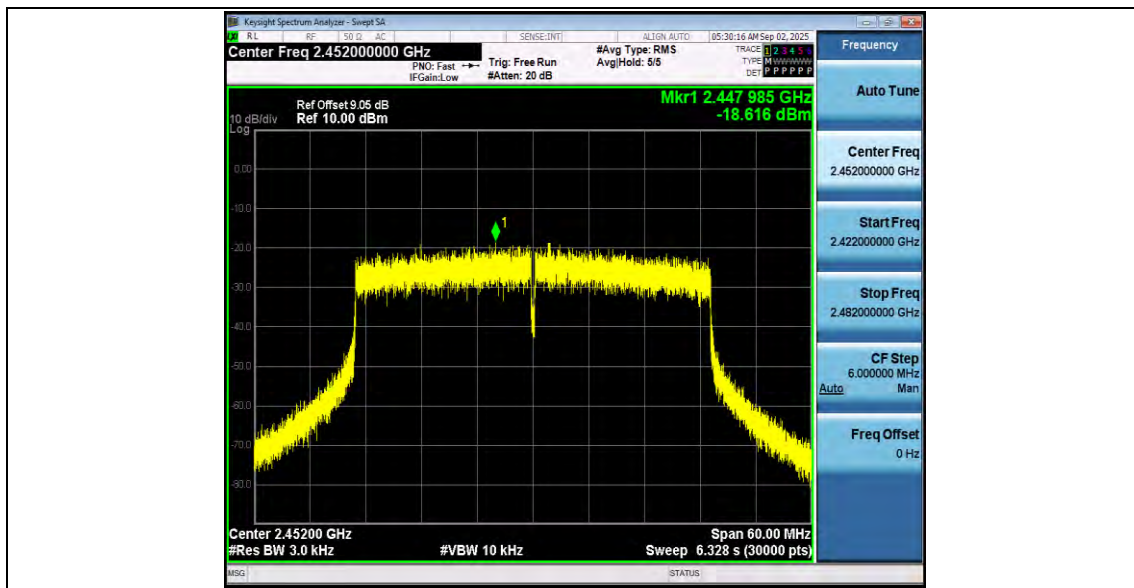
11AX40SISO_Ant 2_2422



11AX40SISO_Ant 2_2437



11AX40SISO_Ant 2_2452



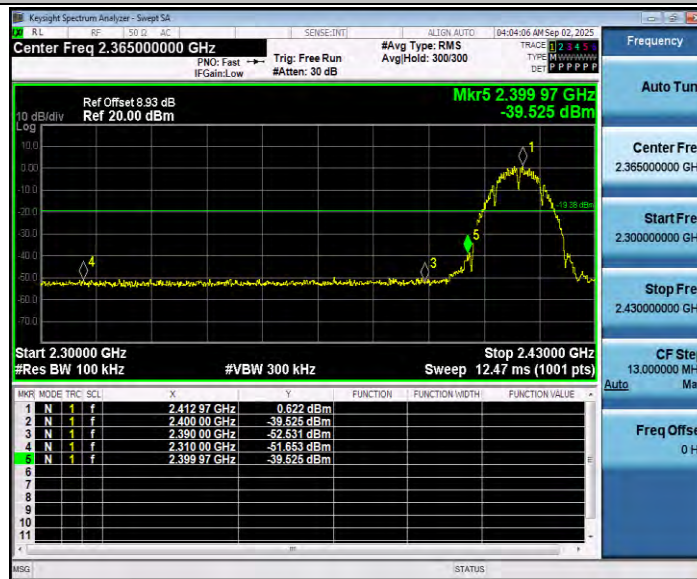
Appendix C.5: Band edge measurements

Test Result

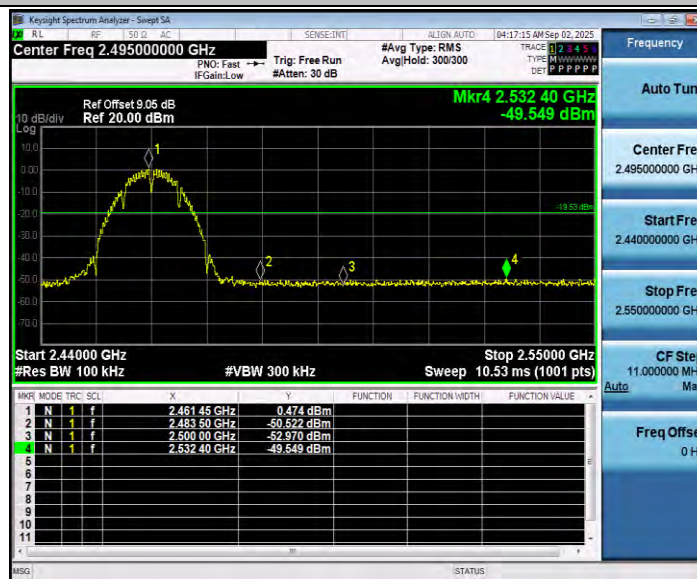
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant 2	Low	2412	0.62	-39.53	≤-19.38	PASS
		High	2462	0.47	-49.55	≤-19.53	PASS
11G	Ant 2	Low	2412	0.25	-29.44	≤-19.75	PASS
		High	2462	0.64	-46.53	≤-19.36	PASS
11N20SISO	Ant 2	Low	2412	-1.19	-29.72	≤-21.19	PASS
		High	2462	-0.57	-47.99	≤-20.57	PASS
11N40SISO	Ant 2	Low	2422	-4.32	-35.48	≤-24.32	PASS
		High	2452	-3.40	-48.8	≤-23.4	PASS
11AX20SISO	Ant 2	Low	2412	-1.76	-30.03	≤-21.76	PASS
		High	2462	-0.84	-44.58	≤-20.84	PASS
11AX40SISO	Ant 2	Low	2422	-4.38	-35.85	≤-24.38	PASS
		High	2452	-3.34	-48	≤-23.34	PASS

Test Graphs

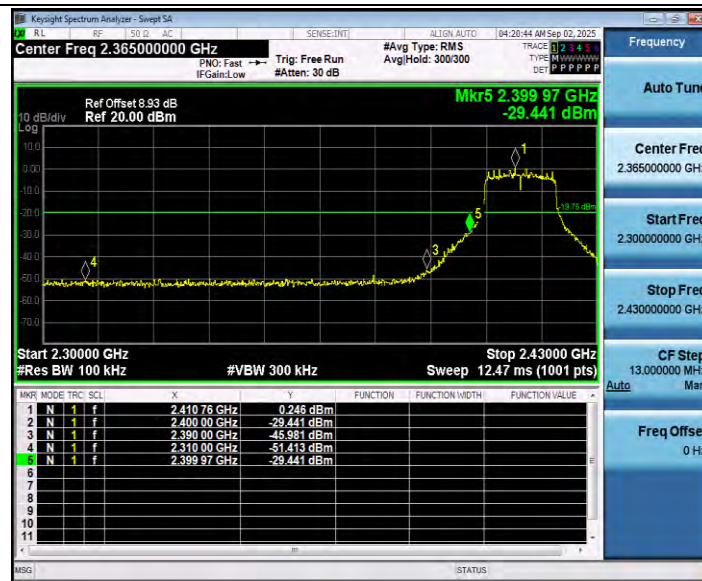
11B_Ant 2_Low_2412



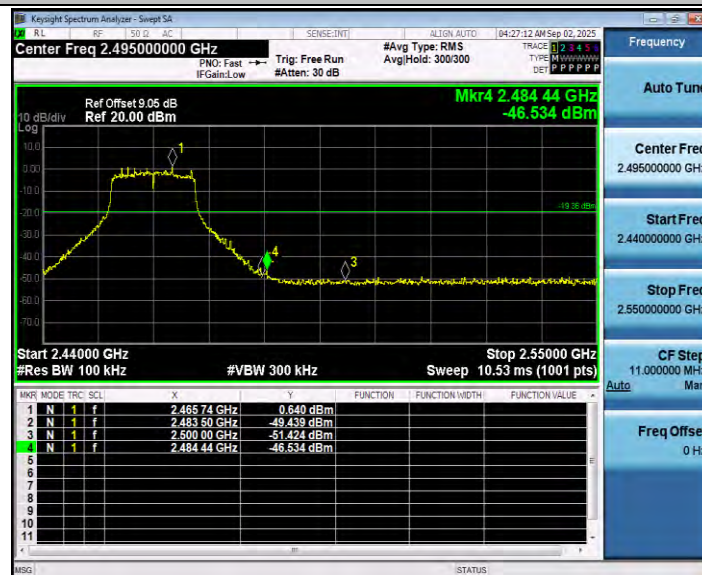
11B_Ant 2_High_2462



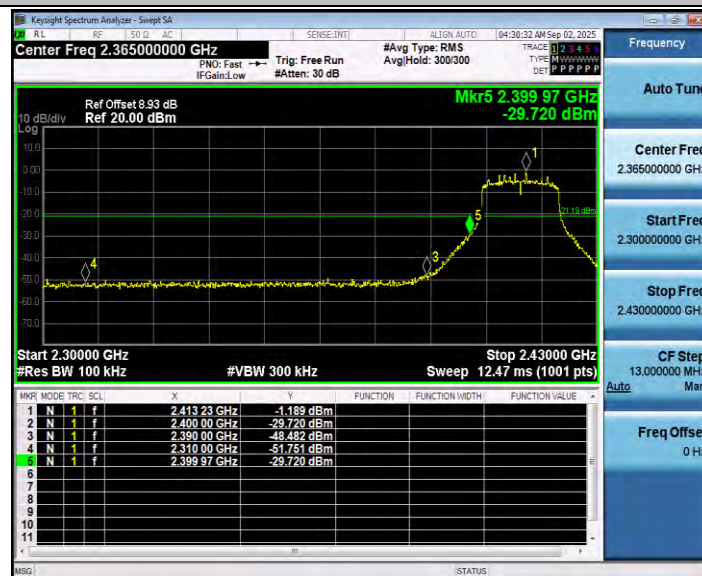
11G_Ant 2_Low_2412



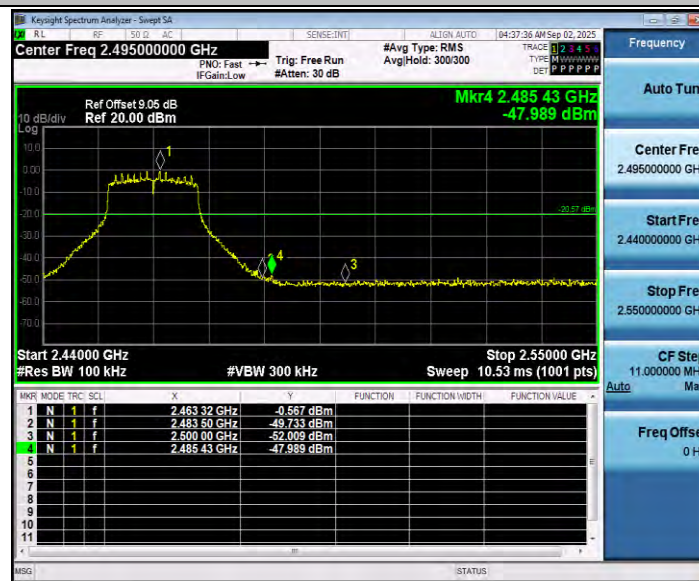
11G_Ant 2_High_2462



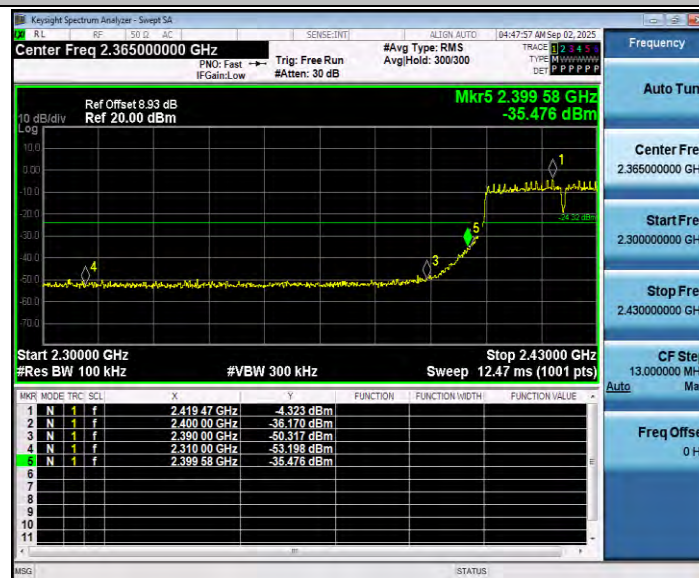
11N20SISO_Ant 2_Low_2412



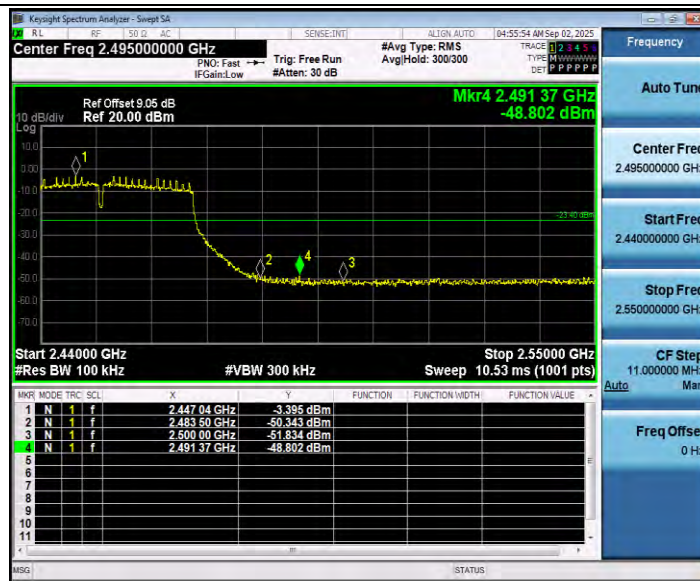
11N20SISO_Ant 2_High_2462



11N40SISO_Ant 2_Low_2422



11N40SISO_Ant 2_High_2452



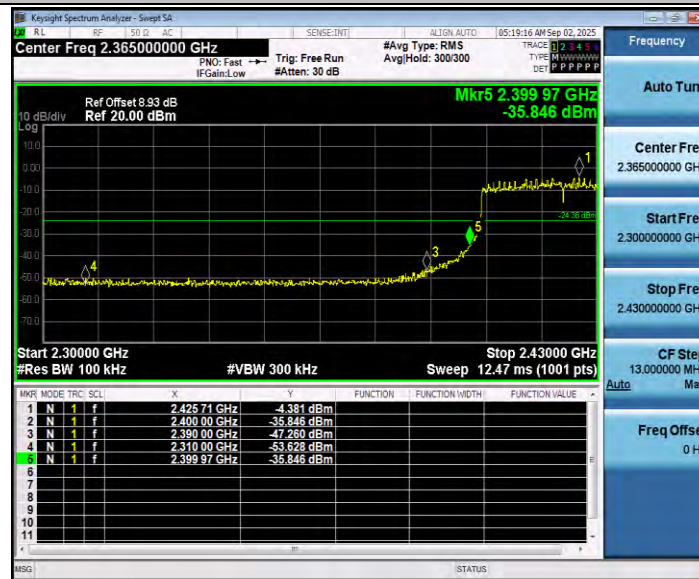
11AX20SISO_Ant 2_Low_2412



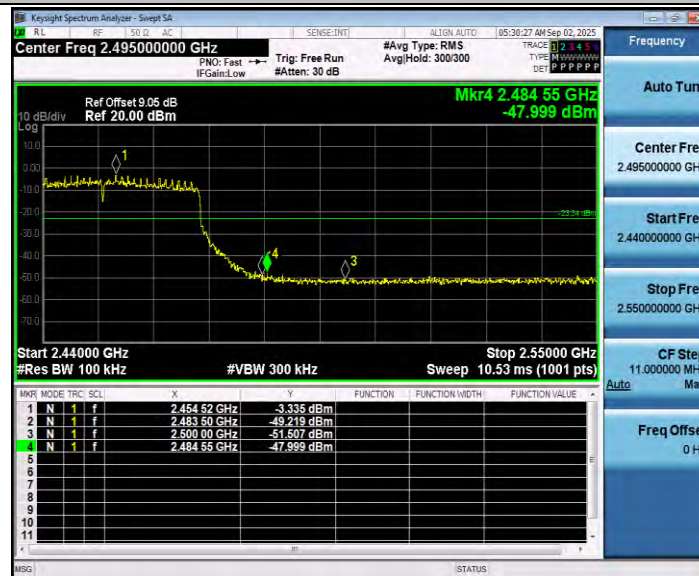
11AX20SISO_Ant 2_High_2462



11AX40SISO_Ant 2_Low_2422



11AX40SISO_Ant 2_High_2452



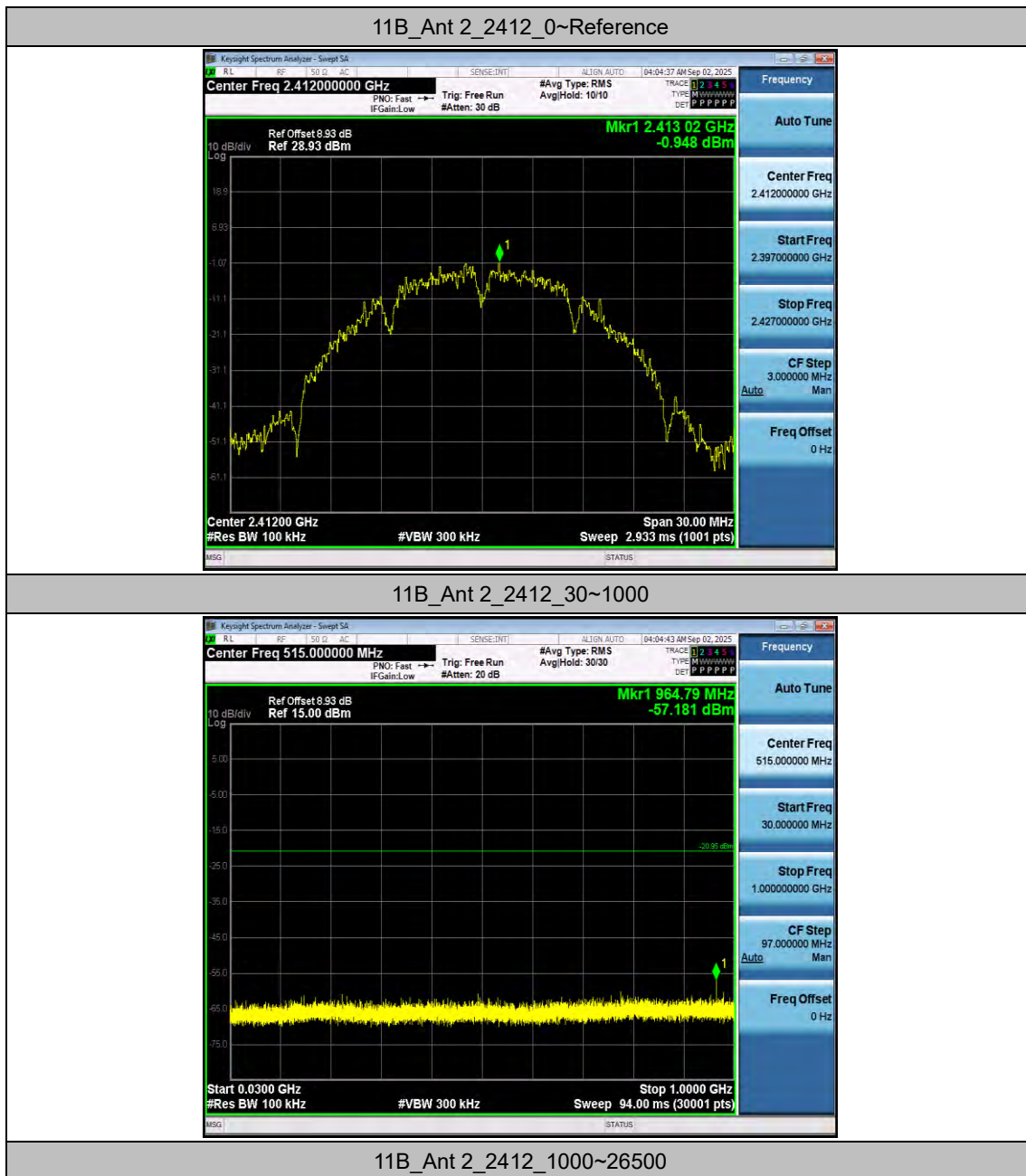
Appendix C.6: Conducted Spurious Emission

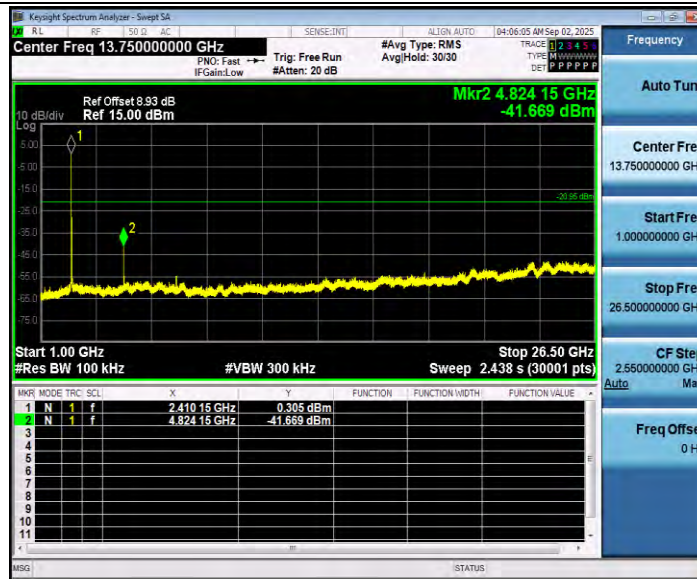
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant 2	2412	Reference	-0.95	-0.95	---	PASS
			30~1000	-0.95	-57.18	≤-20.95	PASS
			1000~26500	-0.95	-41.67	≤-20.95	PASS
		2437	Reference	-1.33	-1.33	---	PASS
			30~1000	-1.33	-58.58	≤-21.33	PASS
			1000~26500	-1.33	-41.67	≤-21.33	PASS
		2462	Reference	-0.60	-0.60	---	PASS
			30~1000	-0.60	-59.07	≤-20.6	PASS
			1000~26500	-0.60	-43.17	≤-20.6	PASS
11G	Ant 2	2412	Reference	-3.40	-3.40	---	PASS
			30~1000	-3.40	-60.89	≤-23.4	PASS
			1000~26500	-3.40	-44.77	≤-23.4	PASS
		2437	Reference	-1.42	-1.42	---	PASS
			30~1000	-1.42	-59.65	≤-21.42	PASS
			1000~26500	-1.42	-43.47	≤-21.42	PASS
		2462	Reference	-0.32	-0.32	---	PASS
			30~1000	-0.32	-60.56	≤-20.32	PASS
			1000~26500	-0.32	-44.36	≤-20.32	PASS
11N20SISO	Ant 2	2412	Reference	-4.64	-4.64	---	PASS
			30~1000	-4.64	-60.25	≤-24.64	PASS
			1000~26500	-4.64	-44.47	≤-24.64	PASS
		2437	Reference	-2.28	-2.28	---	PASS
			30~1000	-2.28	-60.06	≤-22.28	PASS
			1000~26500	-2.28	-47.92	≤-22.28	PASS
		2462	Reference	-1.37	-1.37	---	PASS
			30~1000	-1.37	-60.54	≤-21.37	PASS
			1000~26500	-1.37	-44.31	≤-21.37	PASS
11N40SISO	Ant 2	2422	Reference	-5.81	-5.81	---	PASS
			30~1000	-5.81	-60.36	≤-25.81	PASS
			1000~26500	-5.81	-47.48	≤-25.81	PASS
		2437	Reference	-3.11	-3.11	---	PASS
			30~1000	-3.11	-60.55	≤-23.11	PASS
			1000~26500	-3.11	-46.92	≤-23.11	PASS
		2452	Reference	-5.22	-5.22	---	PASS
			30~1000	-5.22	-60.63	≤-25.22	PASS
			1000~26500	-5.22	-47.45	≤-25.22	PASS
11AX20SISO	Ant 2	2412	Reference	-3.82	-3.82	---	PASS

			30~1000	-3.82	-60.61	≤-23.82	PASS		
			1000~26500	-3.82	-47.64	≤-23.82	PASS		
		2437	Reference	-1.09	-1.09	---	PASS		
			30~1000	-1.09	-60.64	≤-21.09	PASS		
			1000~26500	-1.09	-47.9	≤-21.09	PASS		
		2462	Reference	-2.02	-2.02	---	PASS		
			30~1000	-2.02	-60.7	≤-22.02	PASS		
			1000~26500	-2.02	-44.38	≤-22.02	PASS		
		11AX40SISO	Ant 2	2422	Reference	-7.03	-7.03	---	PASS
					30~1000	-7.03	-61.03	≤-27.03	PASS
1000~26500	-7.03				-47.65	≤-27.03	PASS		
2437	Reference			-3.68	-3.68	---	PASS		
	30~1000			-3.68	-59.31	≤-23.68	PASS		
	1000~26500			-3.68	-47.73	≤-23.68	PASS		
2452	Reference			-3.81	-3.81	---	PASS		
	30~1000			-3.81	-60.23	≤-23.81	PASS		
	1000~26500			-3.81	-47.22	≤-23.81	PASS		

Test Graphs

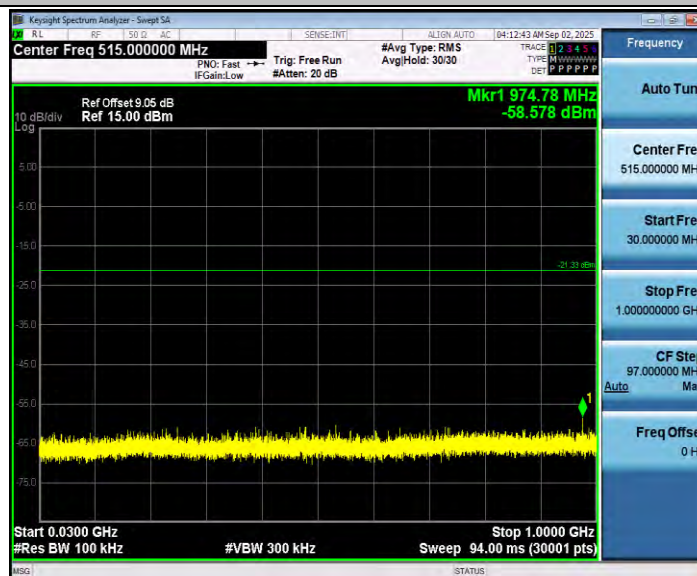




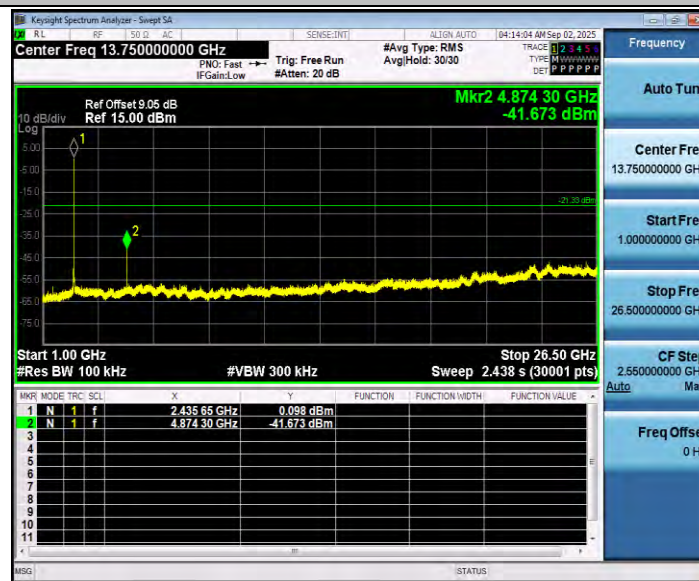
11B_Ant 2_2437_0~Reference



11B_Ant 2_2437_30~1000



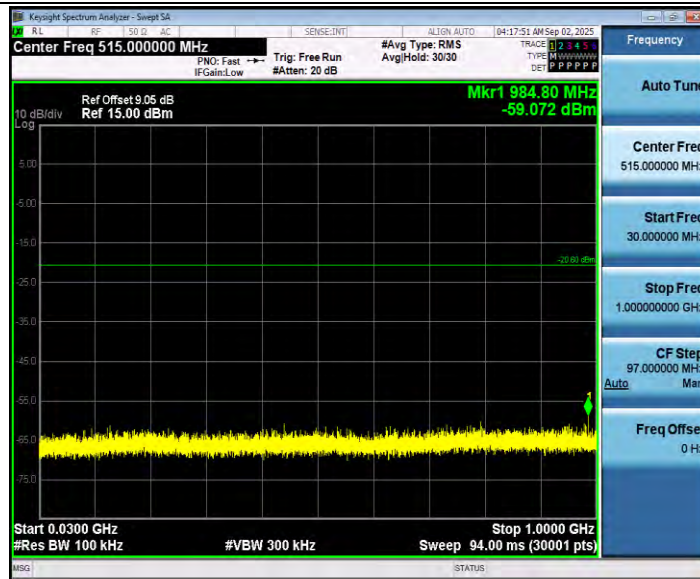
11B_Ant 2_2437_1000~26500



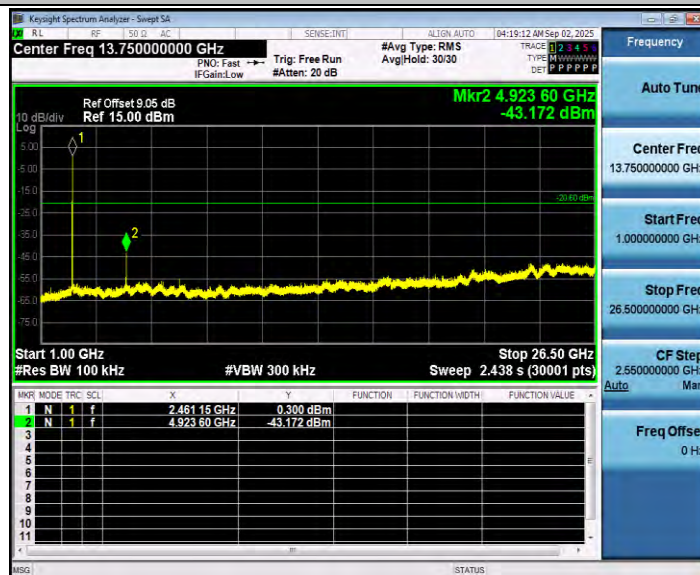
11B_Ant 2_2462_0~Reference



11B_Ant 2_2462_30~1000



11B_Ant 2_2462_1000~26500



11G_Ant 2_2412_0~Reference

