

FCC Appendix RF Test Data for 2.4GWIFI

FCC ID : 2BSXB-EDDIPLAYER

Company : PRETTL Automotive Components(Wuhu)Co.,Ltd

EUT : Eddi Player

Model Number : Eddi Player

Report No. : CTA25091800802

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	9.040	2407.560	2416.600	0.5	PASS
		2437	8.920	2432.480	2441.400	0.5	PASS
		2462	8.880	2457.480	2466.360	0.5	PASS
11G	Ant1	2412	16.360	2403.880	2420.240	0.5	PASS
		2437	16.240	2428.920	2445.160	0.5	PASS
		2462	16.320	2453.880	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.320	2403.360	2420.680	0.5	PASS
		2437	17.320	2428.360	2445.680	0.5	PASS
		2462	17.320	2453.400	2470.720	0.5	PASS
11N40SISO	Ant1	2422	33.760	2405.360	2439.120	0.5	PASS
		2437	33.600	2420.360	2453.960	0.5	PASS
		2452	34.000	2435.040	2469.040	0.5	PASS

Test Graphs

11B_Ant1_2412



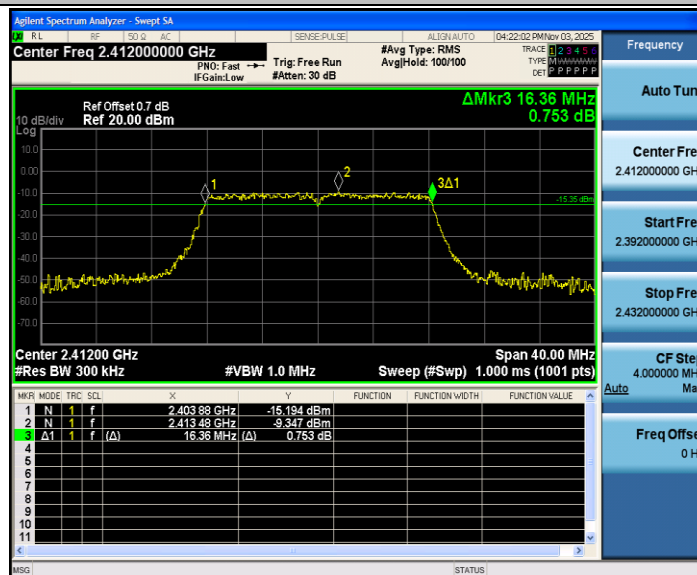
11B_Ant1_2437



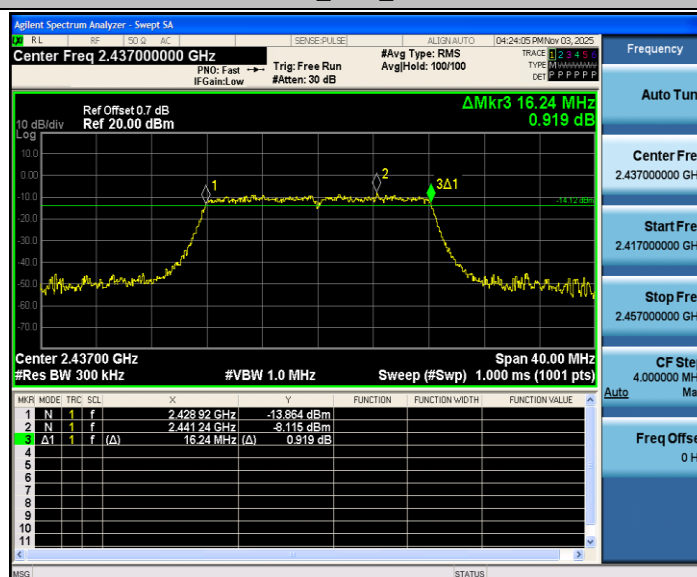
11B_Ant1_2462



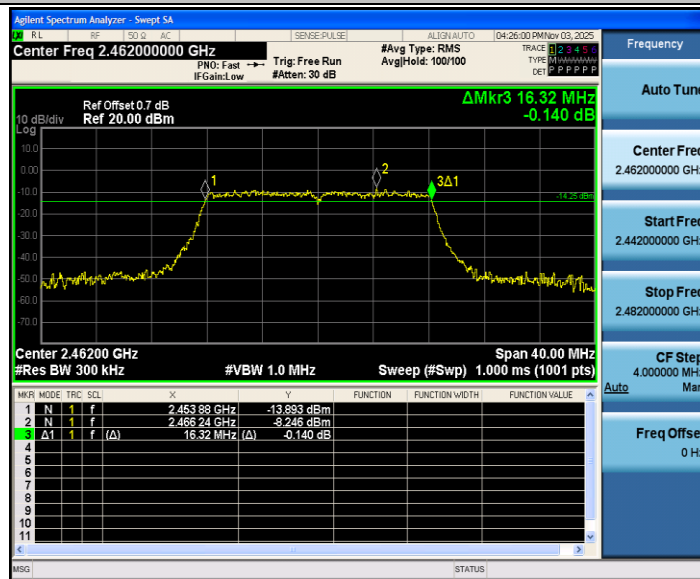
11G_Ant1_2412



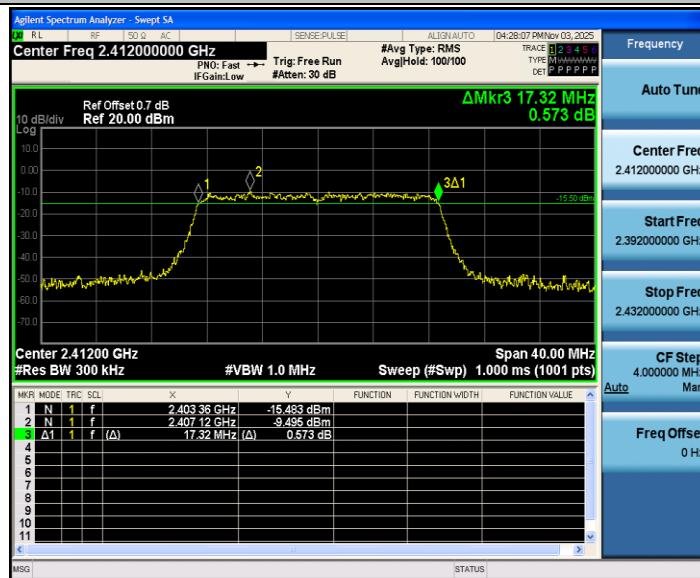
11G_Ant1_2437



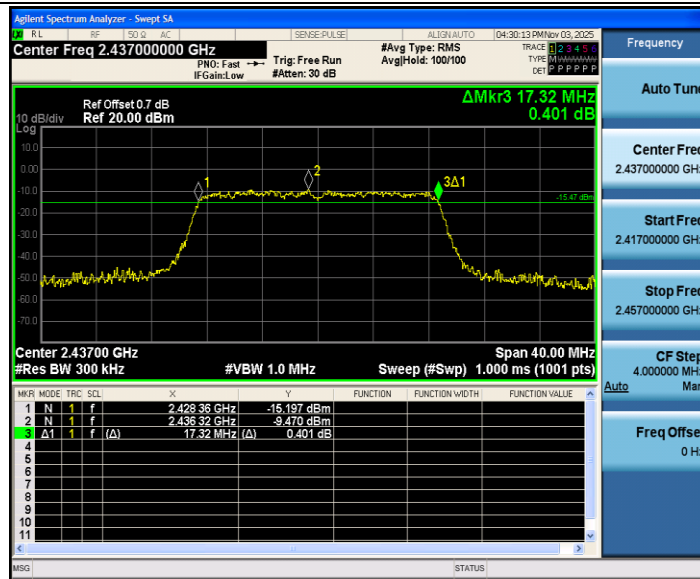
11G_Ant1_2462



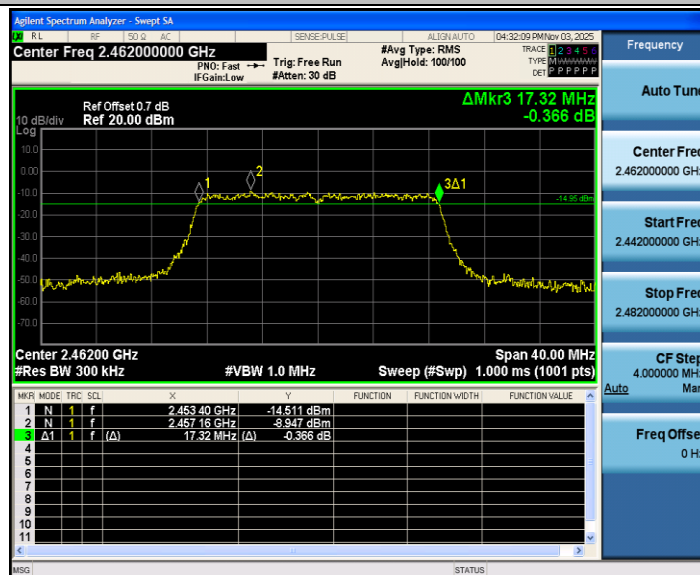
11N20SISO_Ant1_2412



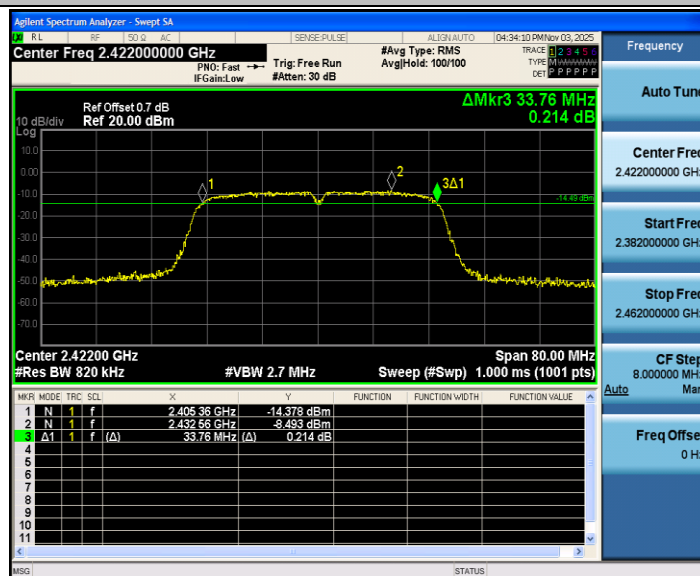
11N20SISO_Ant1_2437



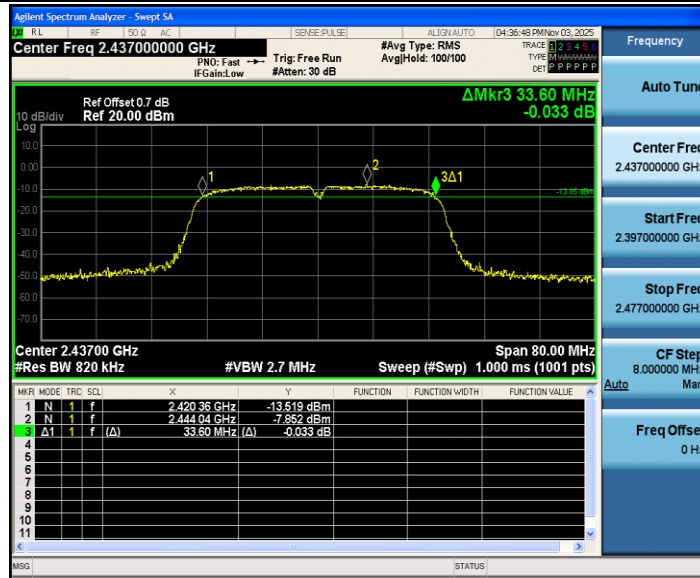
11N20SISO_Ant1_2462



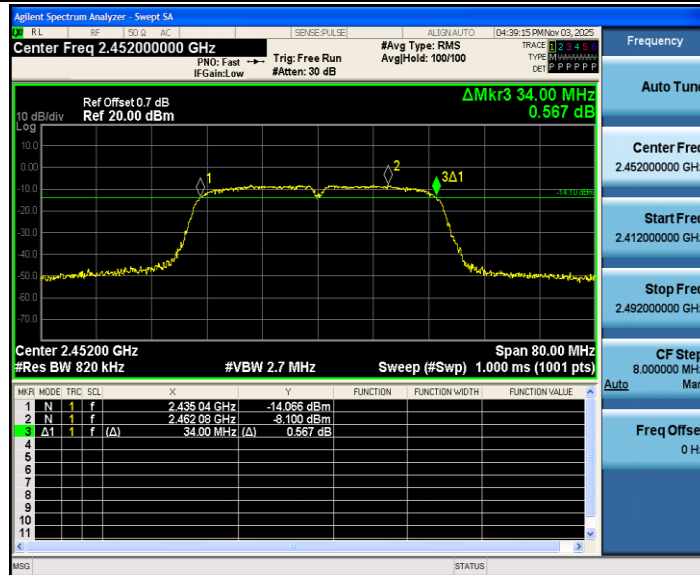
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



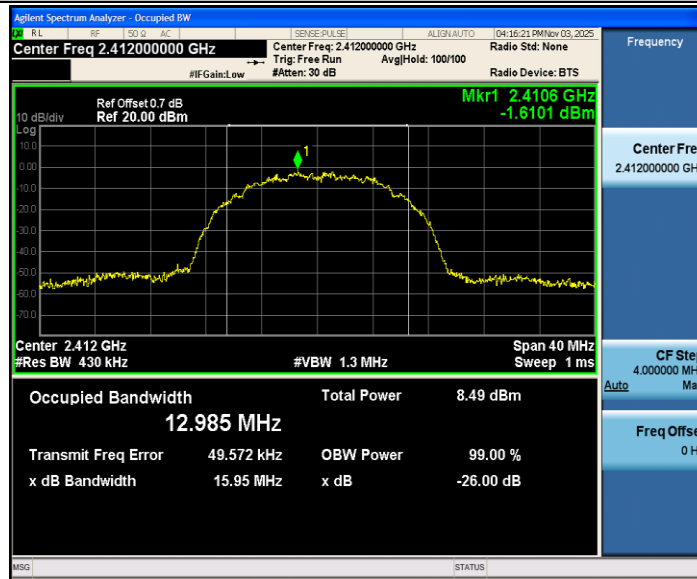
Appendix B: Occupied Channel Bandwidth

Test Result

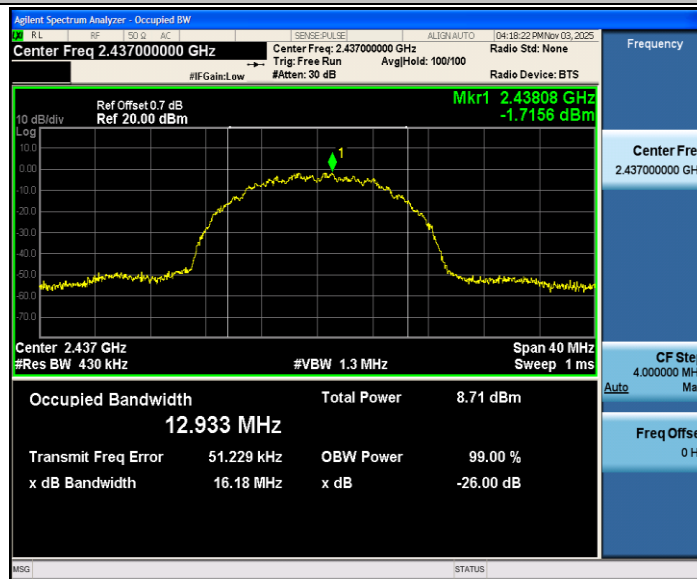
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.985	2405.5571	2418.5421	---	---
		2437	12.933	2430.5847	2443.5177	---	---
		2462	12.946	2455.5342	2468.4802	---	---
11G	Ant1	2412	16.629	2403.7201	2420.3491	---	---
		2437	16.571	2428.7484	2445.3194	---	---
		2462	16.634	2453.7093	2470.3433	---	---
11N20SISO	Ant1	2412	17.424	2403.3411	2420.7651	---	---
		2437	17.457	2428.3078	2445.7648	---	---
		2462	17.453	2453.3034	2470.7564	---	---
11N40SISO	Ant1	2422	34.811	2404.7486	2439.5596	---	---
		2437	34.845	2419.6955	2454.5405	---	---
		2452	34.796	2434.6774	2469.4734	---	---

Test Graphs

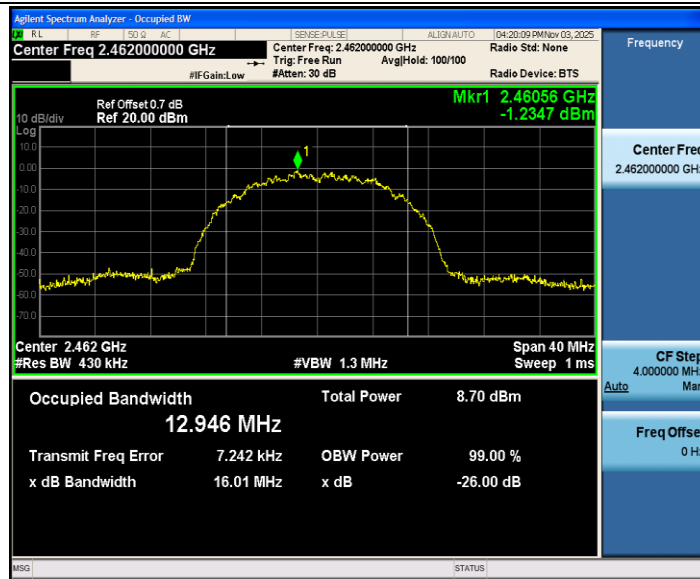
11B_Ant1_2412



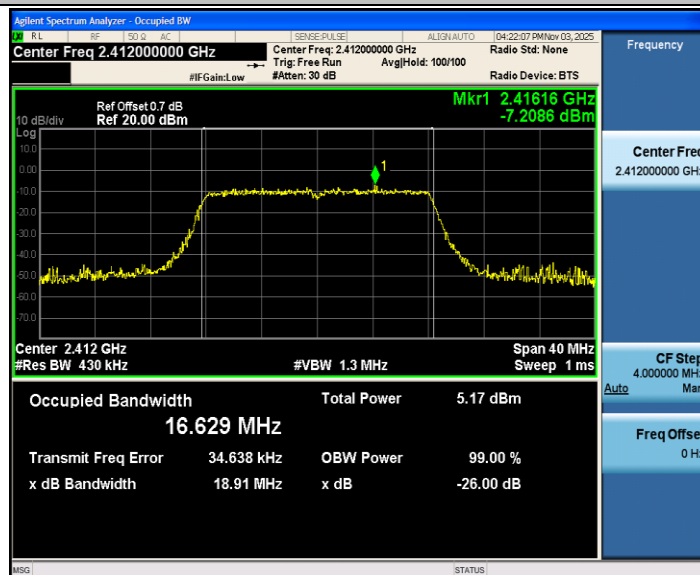
11B_Ant1_2437



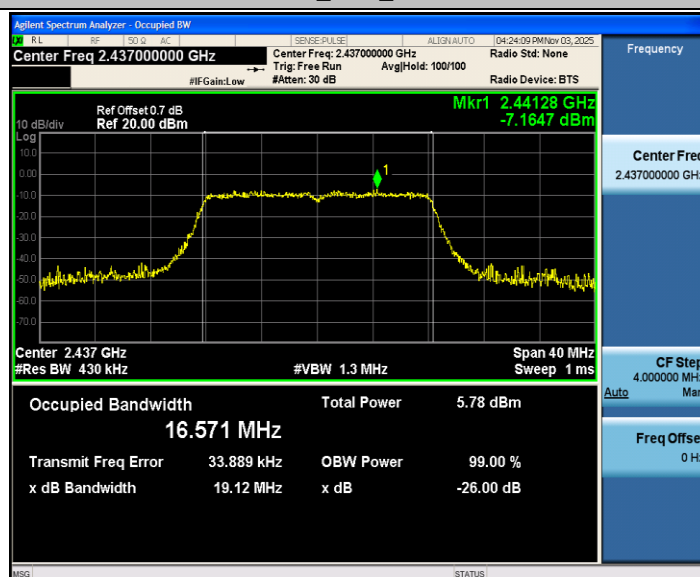
11B_Ant1_2462



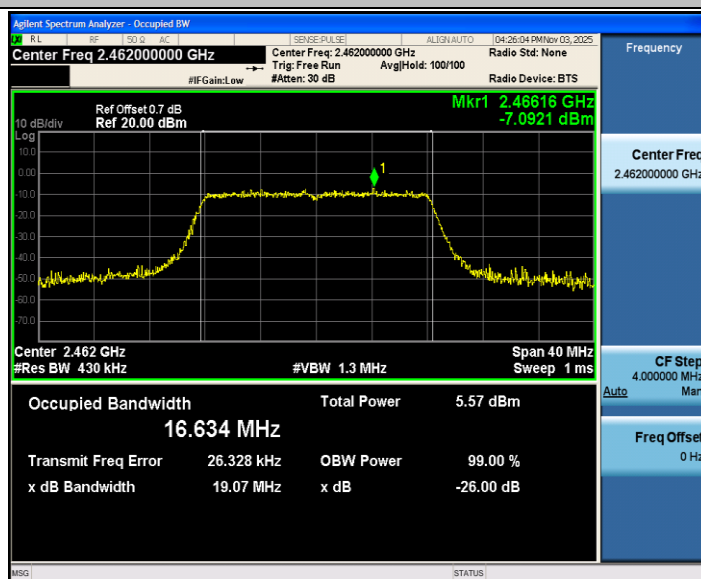
11G_Ant1_2412



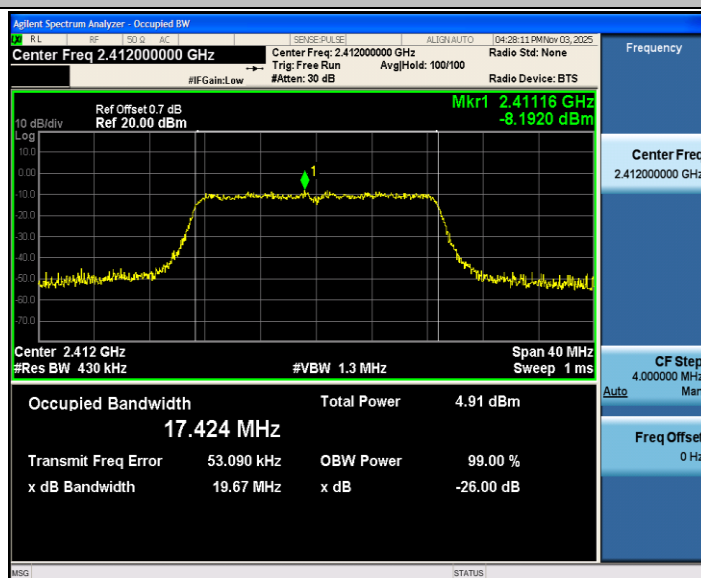
11G_Ant1_2437



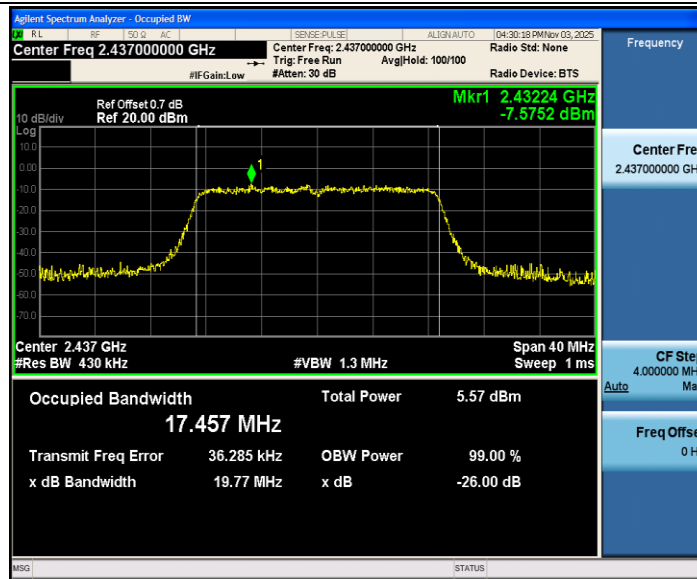
11G_Ant1_2462



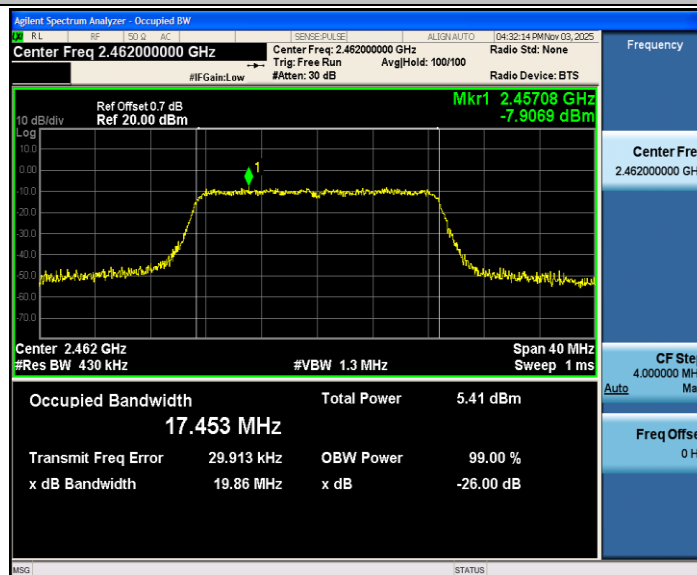
11N20SISO_Ant1_2412



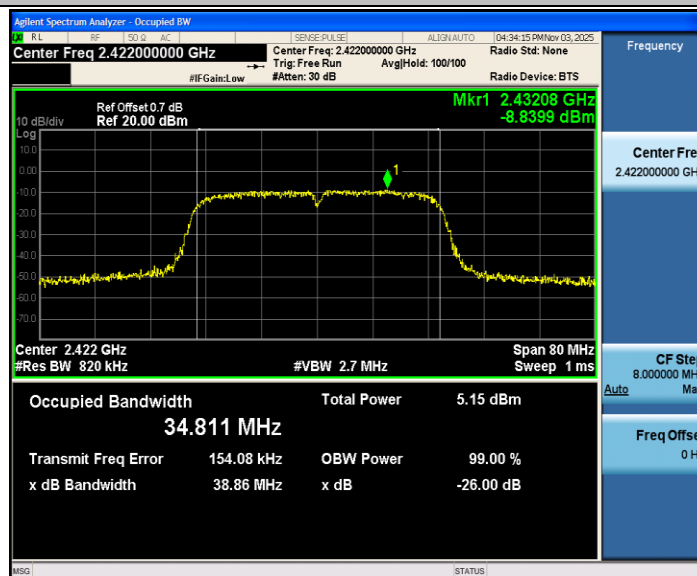
11N20SISO_Ant1_2437



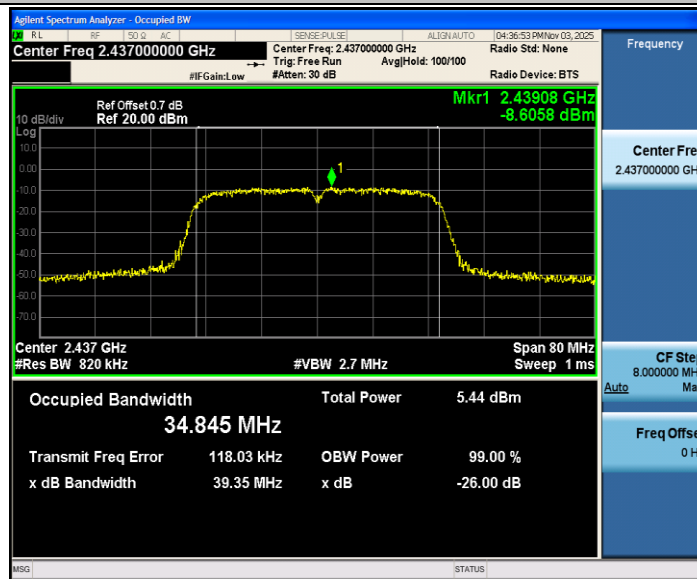
11N20SISO_Ant1_2462



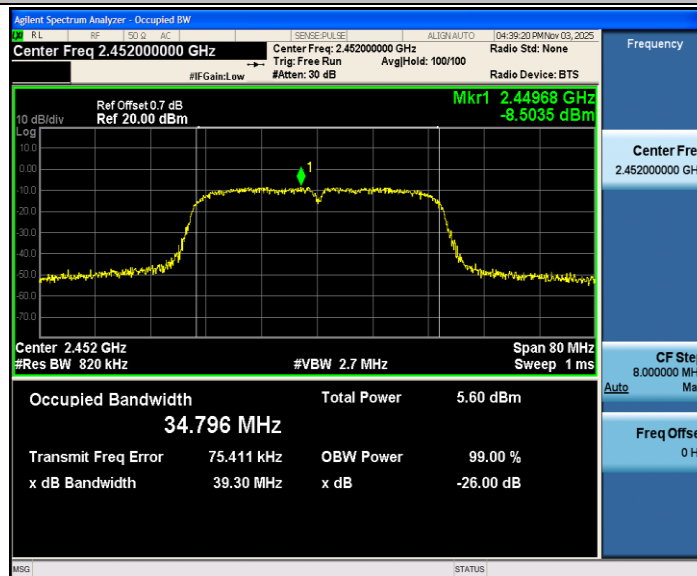
11N40SISO_Ant1_2422



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	8.06	≤30.00	PASS
		2437	8.21	≤30.00	PASS
		2462	8.07	≤30.00	PASS
11G	Ant1	2412	6.08	≤30.00	PASS
		2437	6.68	≤30.00	PASS
		2462	6.43	≤30.00	PASS
11N20SISO	Ant1	2412	6.26	≤30.00	PASS
		2437	6.83	≤30.00	PASS
		2462	6.61	≤30.00	PASS
11N40SISO	Ant1	2422	5.35	≤30.00	PASS
		2437	5.50	≤30.00	PASS
		2452	5.88	≤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	-21.51	≤8.00	PASS
		2437	-20.46	≤8.00	PASS
		2462	-20.69	≤8.00	PASS
11G	Ant1	2412	-28.46	≤8.00	PASS
		2437	-27.85	≤8.00	PASS
		2462	-28.21	≤8.00	PASS
11N20SISO	Ant1	2412	-28.11	≤8.00	PASS
		2437	-27.69	≤8.00	PASS
		2462	-27.84	≤8.00	PASS
11N40SISO	Ant1	2422	-30.43	≤8.00	PASS
		2437	-29.49	≤8.00	PASS
		2452	-29.40	≤8.00	PASS

Test Graphs

11B_Ant1_2412



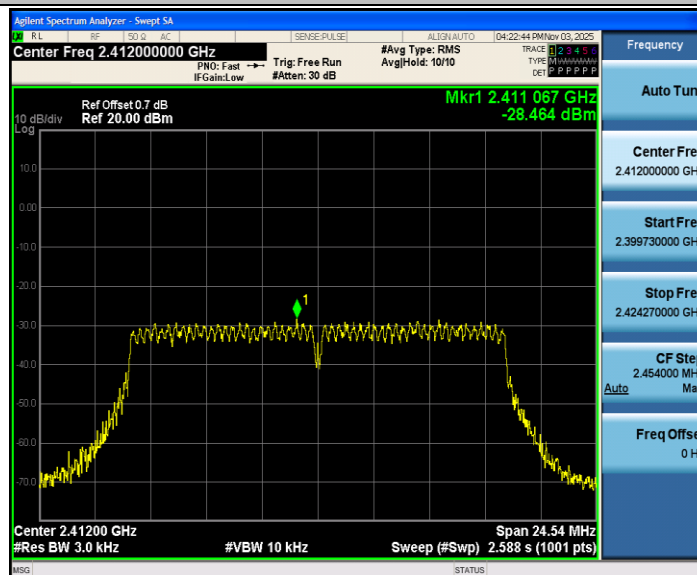
11B_Ant1_2437



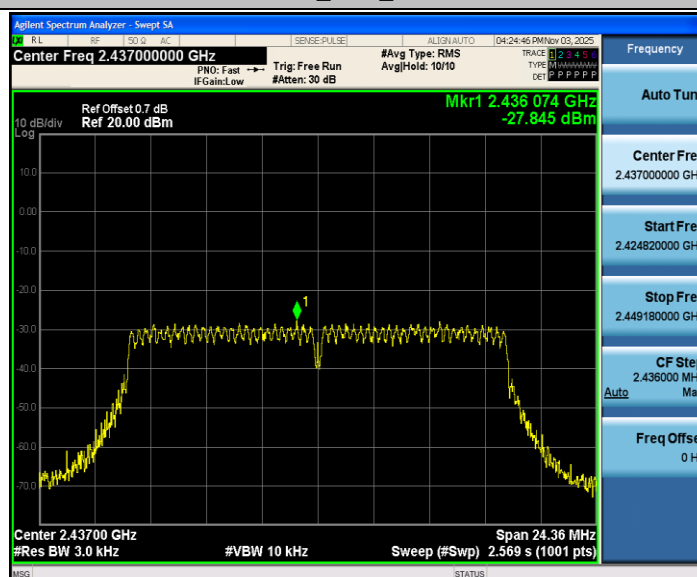
11B_Ant1_2462



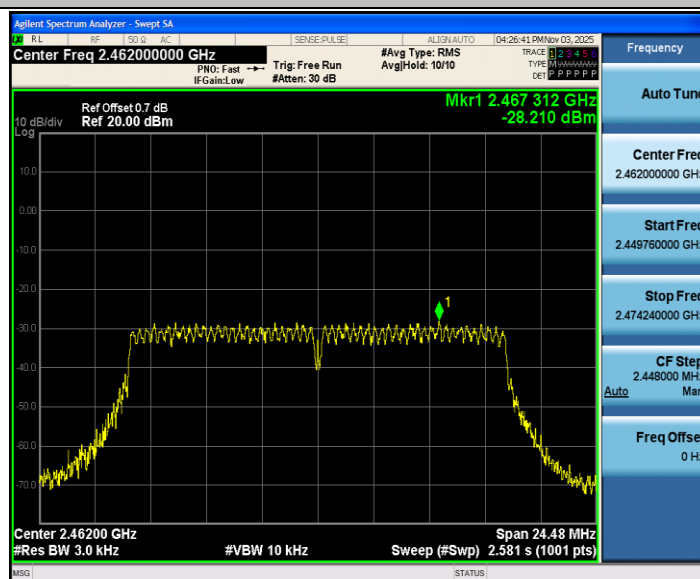
11G_Ant1_2412



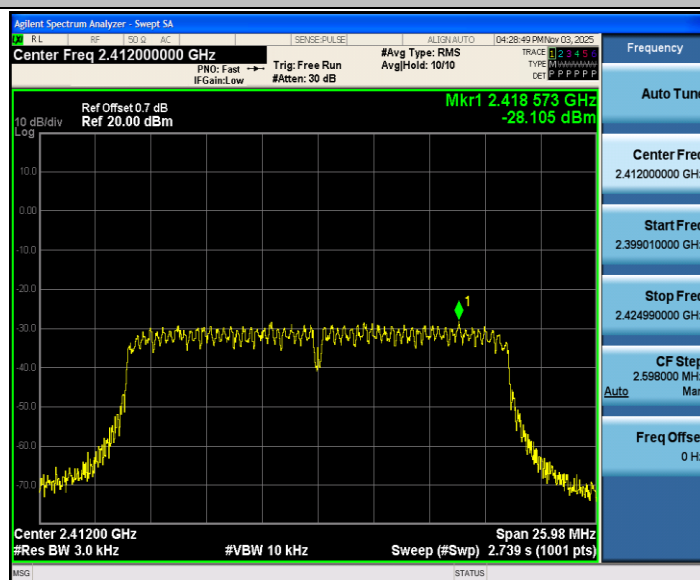
11G_Ant1_2437



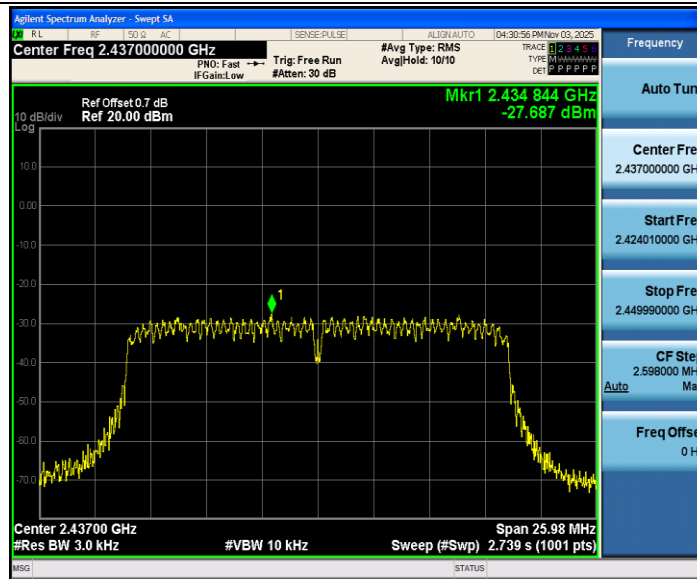
11G_Ant1_2462



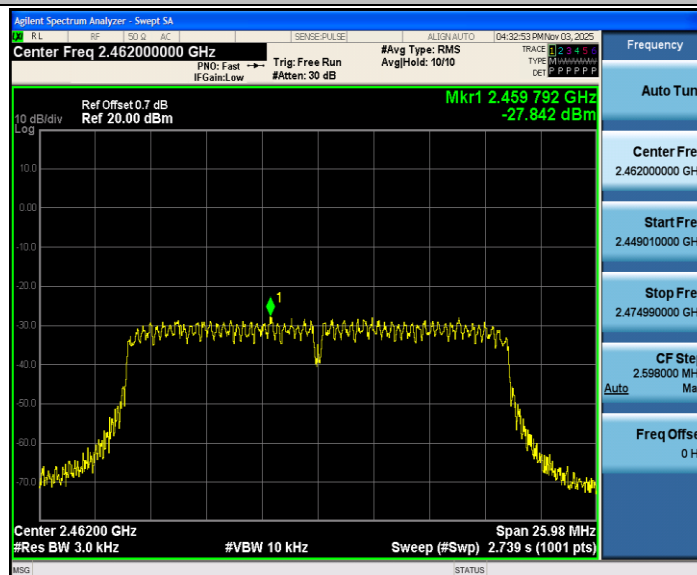
11N20SISO_Ant1_2412



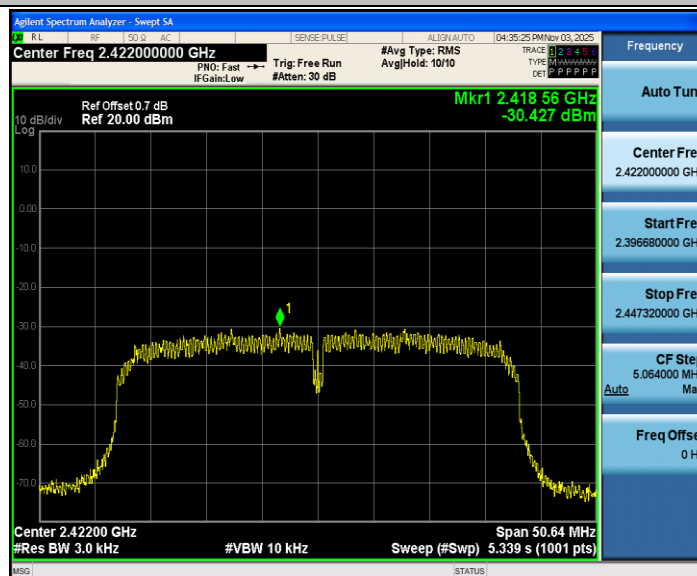
11N20SISO_Ant1_2437



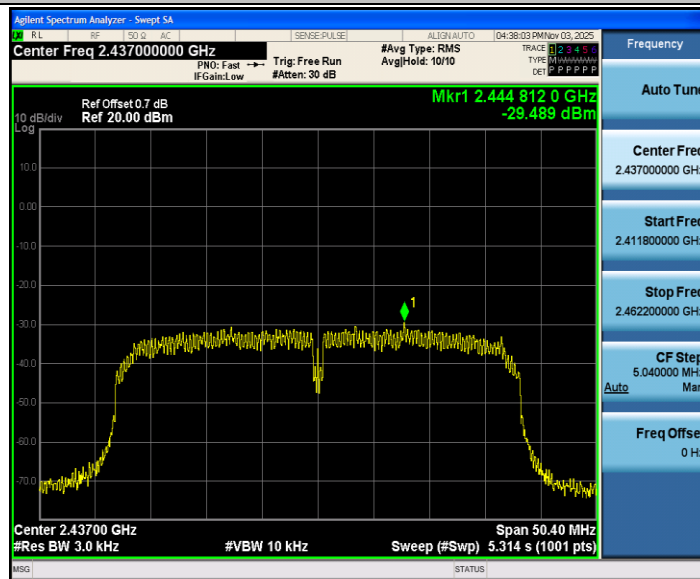
11N20SISO_Ant1_2462



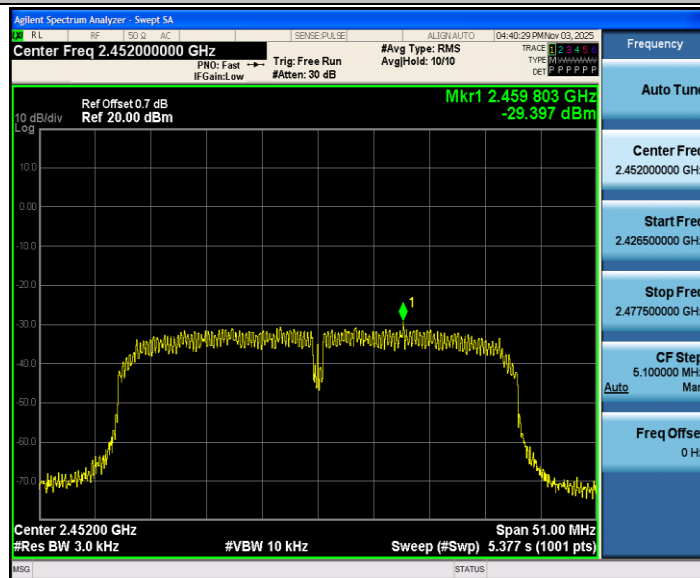
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



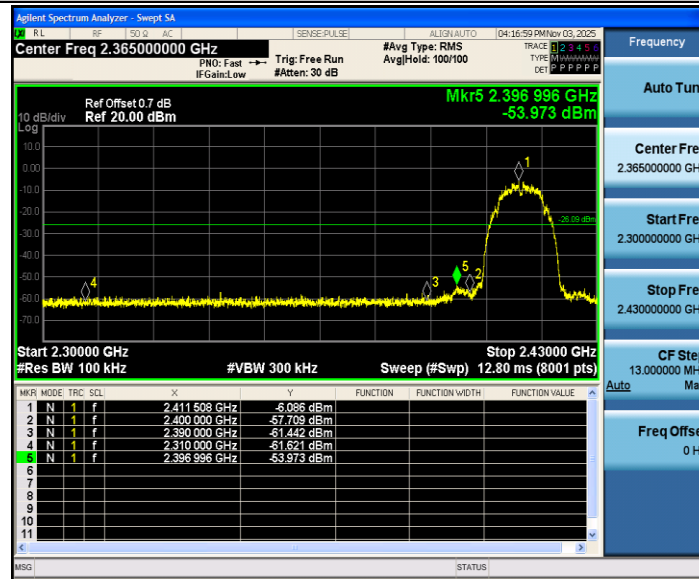
Appendix E: Band edge measurements

Test Result

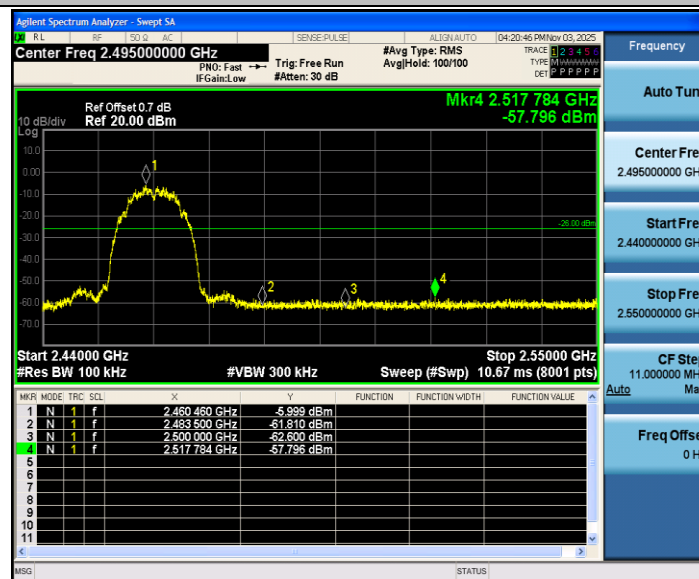
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-6.09	-53.97	≤-26.09	PASS
		High	2462	-6.00	-57.8	≤-26	PASS
11G	Ant1	Low	2412	-14.31	-52.01	≤-34.31	PASS
		High	2462	-14.33	-56.99	≤-34.33	PASS
11N20SISO	Ant1	Low	2412	-14.82	-52.28	≤-34.82	PASS
		High	2462	-13.81	-56.58	≤-33.81	PASS
11N40SISO	Ant1	Low	2422	-17.50	-53.85	≤-37.5	PASS
		High	2452	-17.04	-57.04	≤-37.04	PASS

Test Graphs

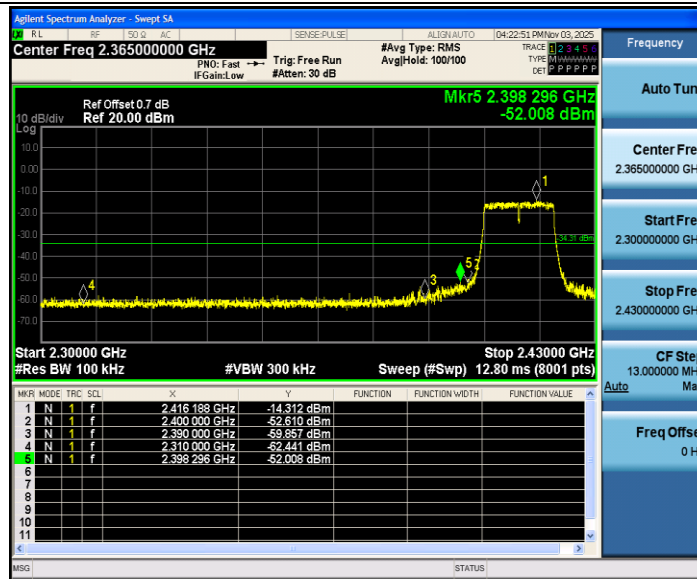
11B_Ant1_Low_2412



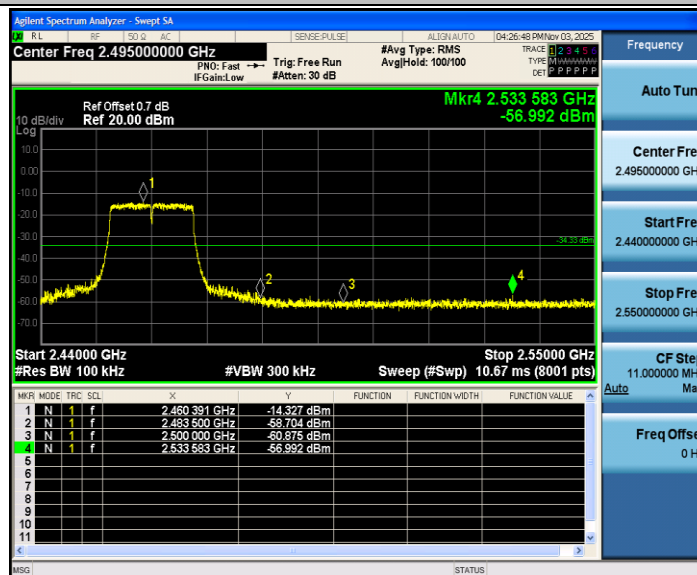
11B_Ant1_High_2462



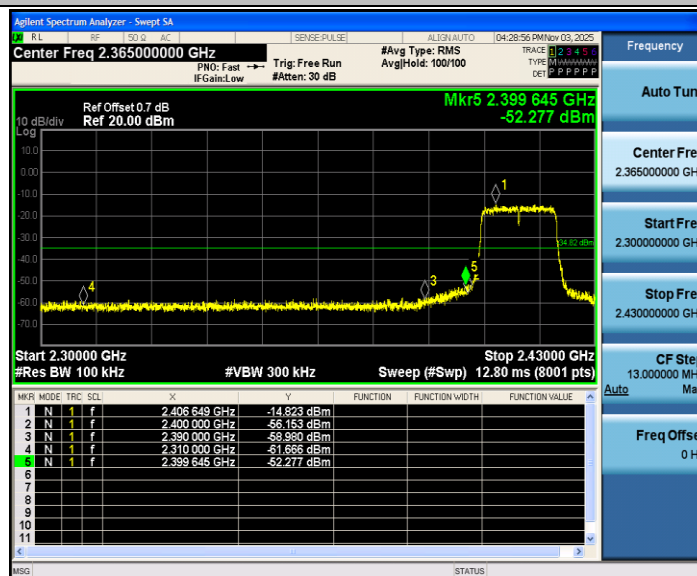
11G_Ant1_Low_2412



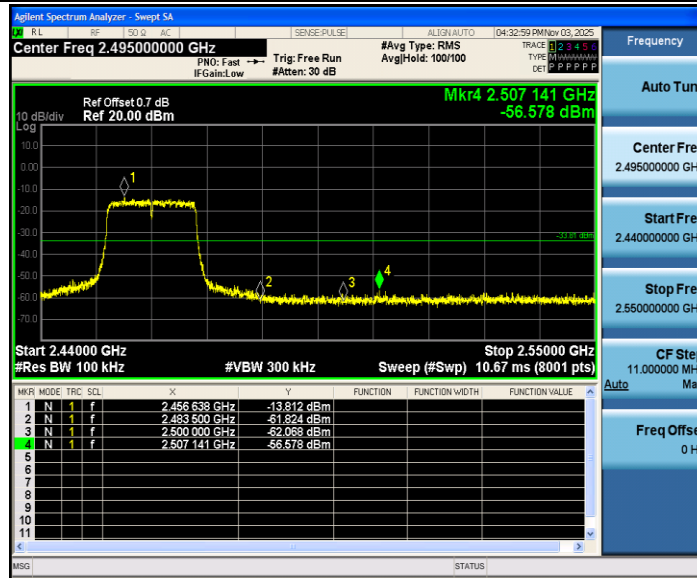
11G_Ant1_High_2462



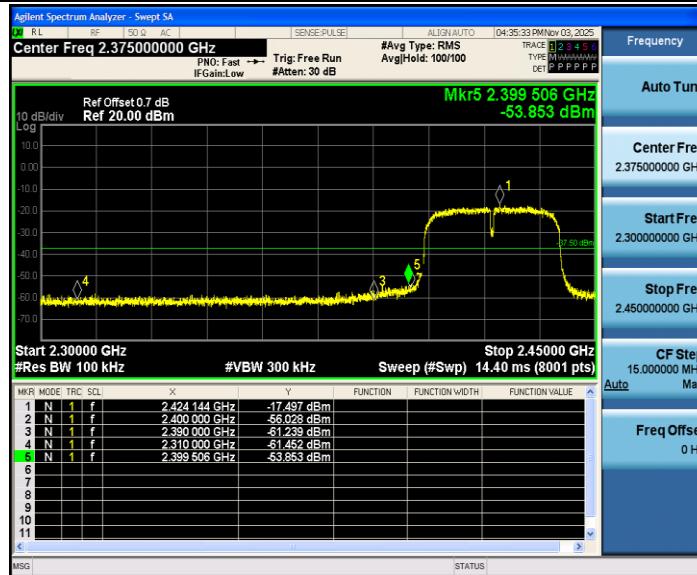
11N20SISO_Ant1_Low_2412



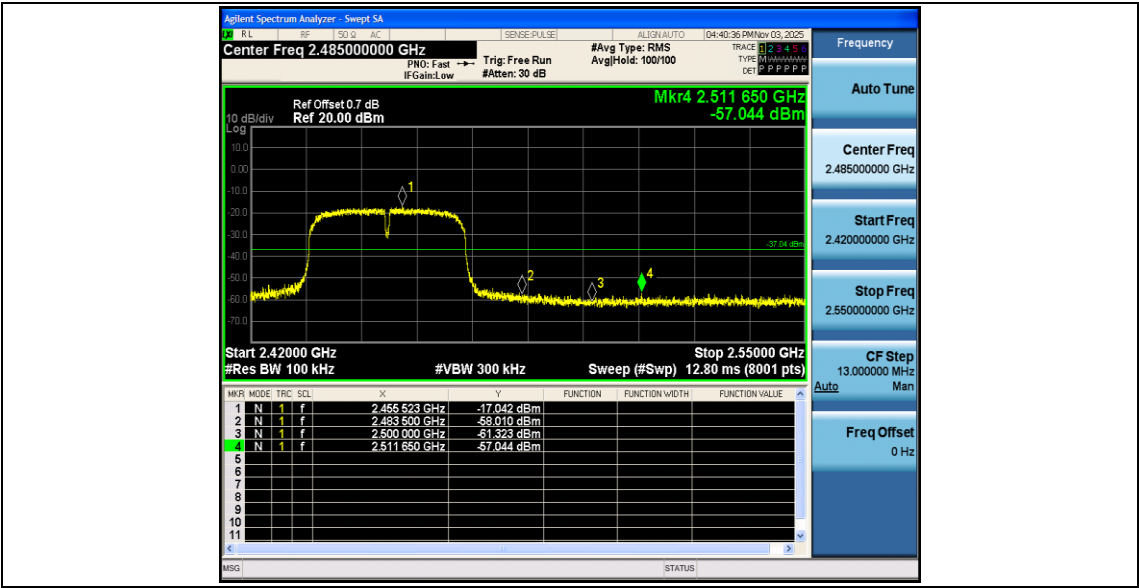
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



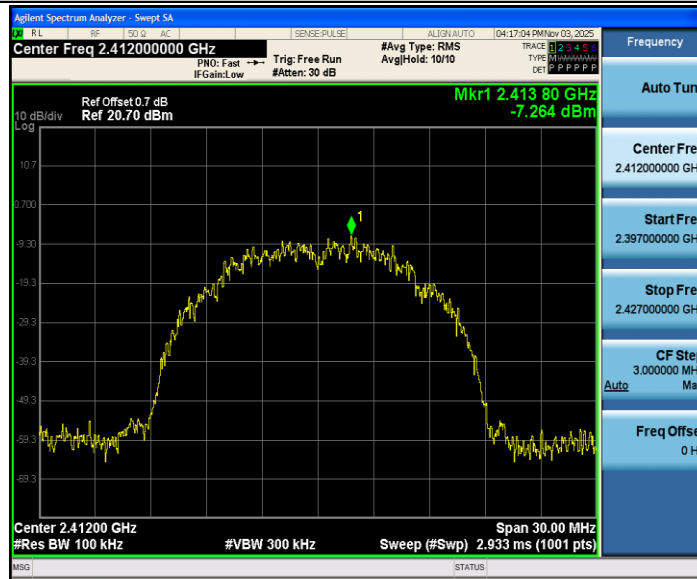
Appendix F: Conducted Spurious Emission

Test Result

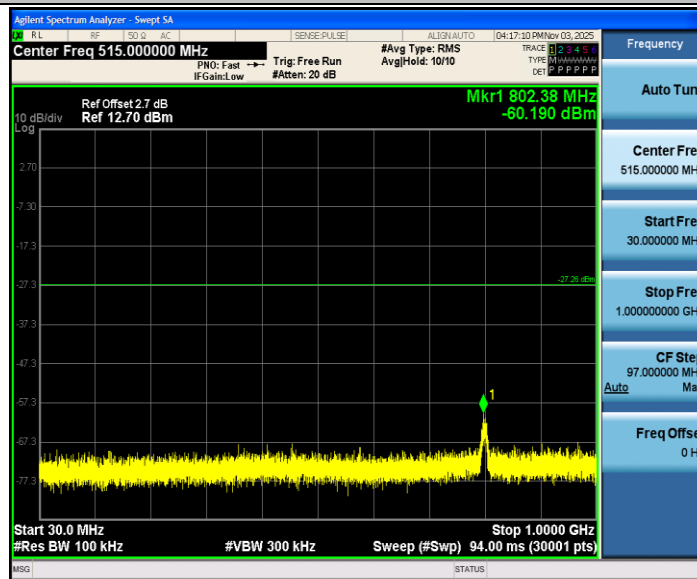
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-7.26	-7.26	---	PASS
			30~1000	-7.26	-60.19	≤-27.26	PASS
			1000~26500	-7.26	-45.15	≤-27.26	PASS
		2437	Reference	-6.28	-6.28	---	PASS
			30~1000	-6.28	-60.5	≤-26.28	PASS
			1000~26500	-6.28	-45.87	≤-26.28	PASS
		2462	Reference	-7.70	-7.70	---	PASS
			30~1000	-7.70	-59.55	≤-27.7	PASS
			1000~26500	-7.70	-46.31	≤-27.7	PASS
11G	Ant1	2412	Reference	-15.23	-15.23	---	PASS
			30~1000	-15.23	-63.69	≤-35.23	PASS
			1000~26500	-15.23	-45.34	≤-35.23	PASS
		2437	Reference	-14.13	-14.13	---	PASS
			30~1000	-14.13	-64.45	≤-34.13	PASS
			1000~26500	-14.13	-45.92	≤-34.13	PASS
		2462	Reference	-14.64	-14.64	---	PASS
			30~1000	-14.64	-62.33	≤-34.64	PASS
			1000~26500	-14.64	-46.29	≤-34.64	PASS
11N20SISO	Ant1	2412	Reference	-15.56	-15.56	---	PASS
			30~1000	-15.56	-63.57	≤-35.56	PASS
			1000~26500	-15.56	-45.37	≤-35.56	PASS
		2437	Reference	-14.18	-14.18	---	PASS
			30~1000	-14.18	-64.06	≤-34.18	PASS
			1000~26500	-14.18	-45.88	≤-34.18	PASS
		2462	Reference	-14.91	-14.91	---	PASS
			30~1000	-14.91	-64.52	≤-34.91	PASS
			1000~26500	-14.91	-46.17	≤-34.91	PASS
11N40SISO	Ant1	2422	Reference	-18.28	-18.28	---	PASS
			30~1000	-18.28	-65.66	≤-38.28	PASS
			1000~26500	-18.28	-45.59	≤-38.28	PASS
		2437	Reference	-17.43	-17.43	---	PASS
			30~1000	-17.43	-65.54	≤-37.43	PASS
			1000~26500	-17.43	-45.75	≤-37.43	PASS
		2452	Reference	-18.12	-18.12	---	PASS
			30~1000	-18.12	-65.61	≤-38.12	PASS
			1000~26500	-18.12	-46.15	≤-38.12	PASS

Test Graphs

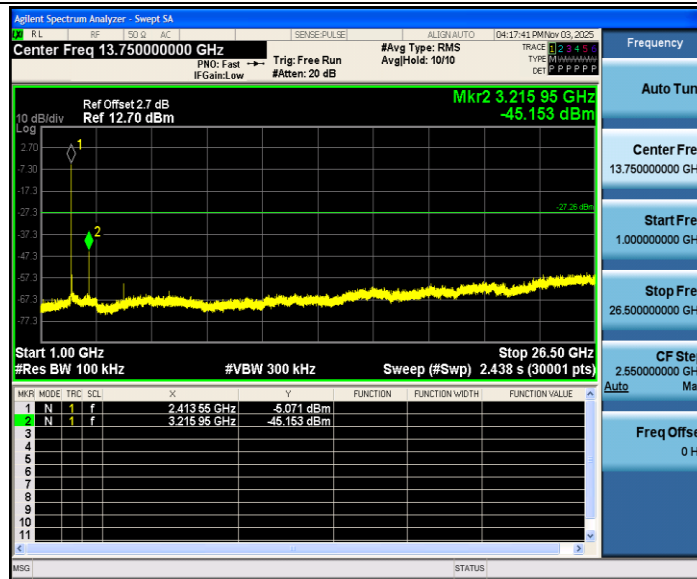
11B_Ant1_2412_0~Reference



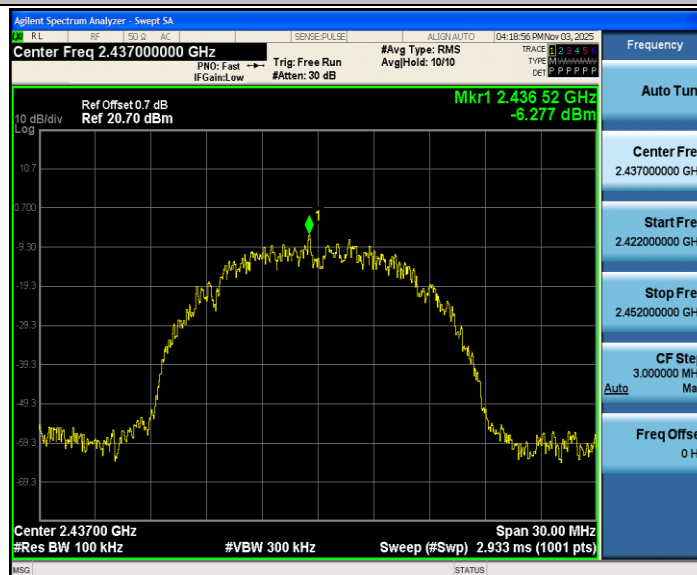
11B_Ant1_2412_30~1000



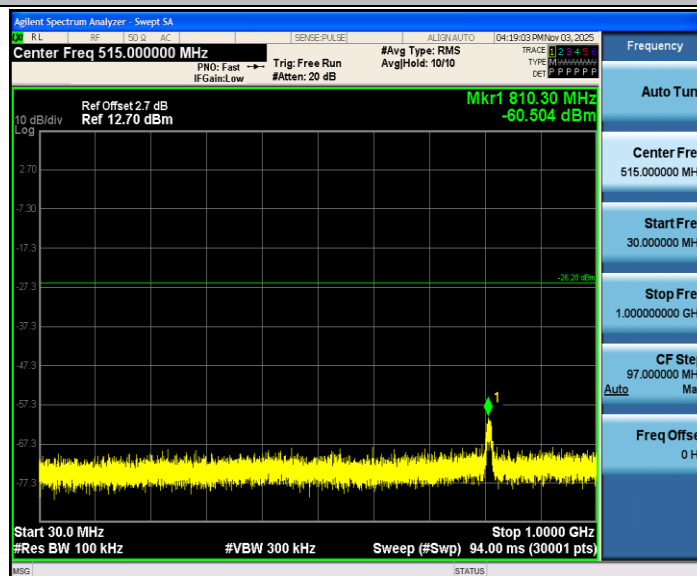
11B_Ant1_2412_1000~26500



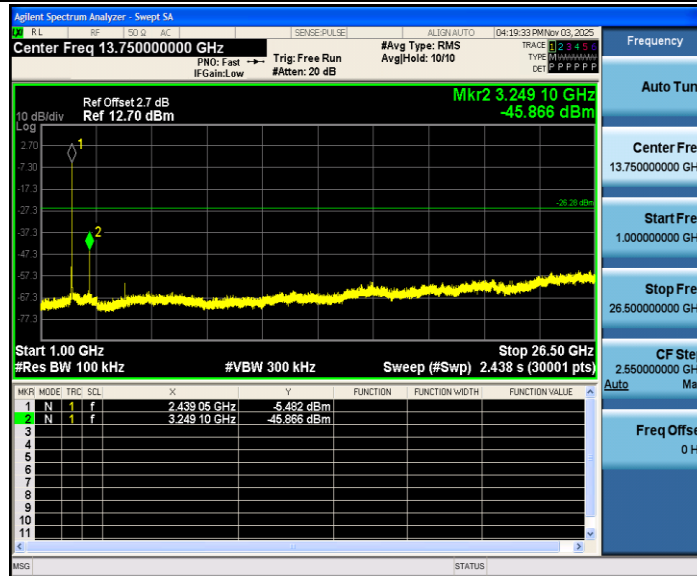
11B_Ant1_2437_0~Reference



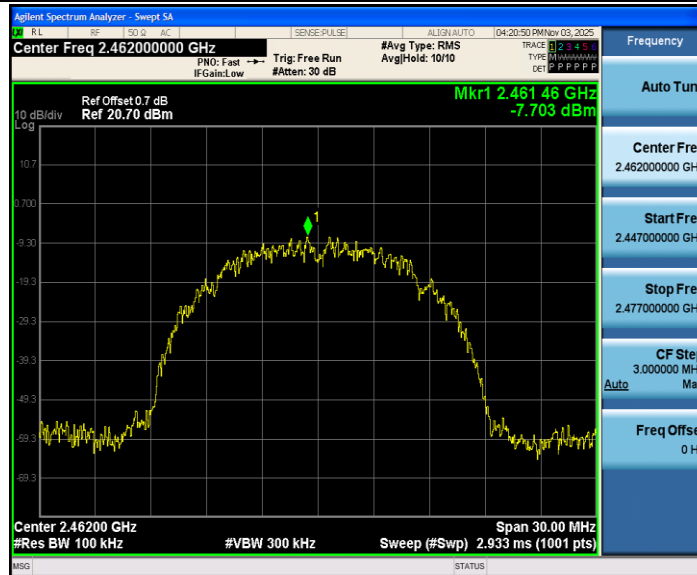
11B_Ant1_2437_30~1000



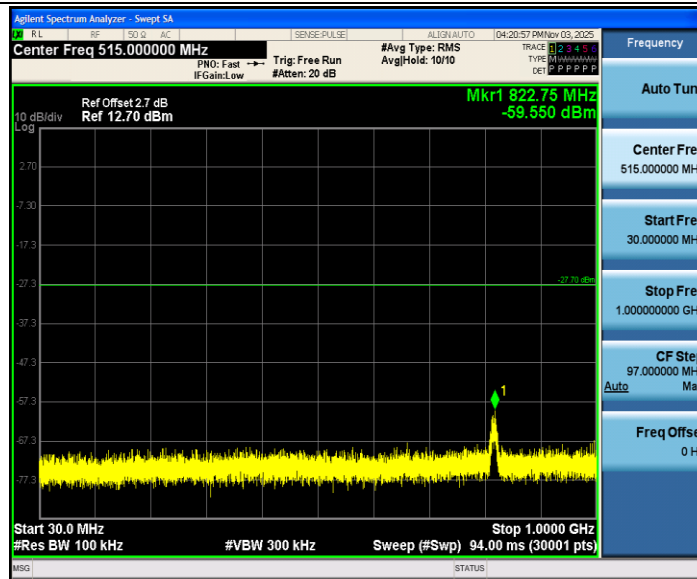
11B_Ant1_2437_1000~26500



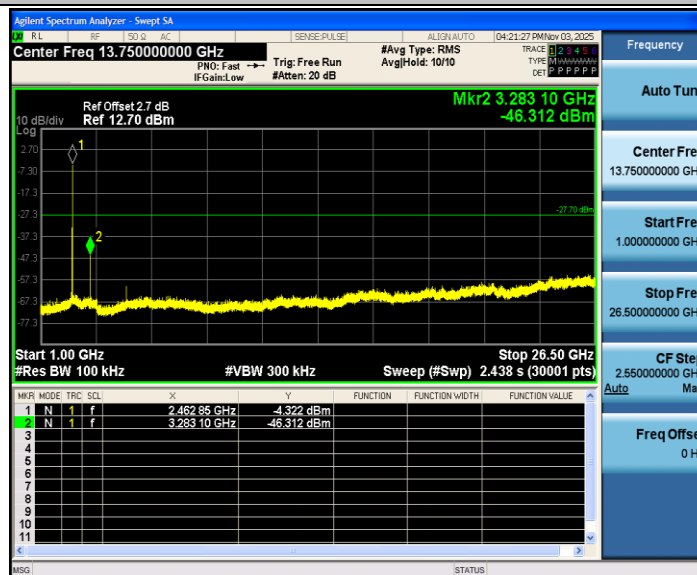
11B_Ant1_2462_0~Reference



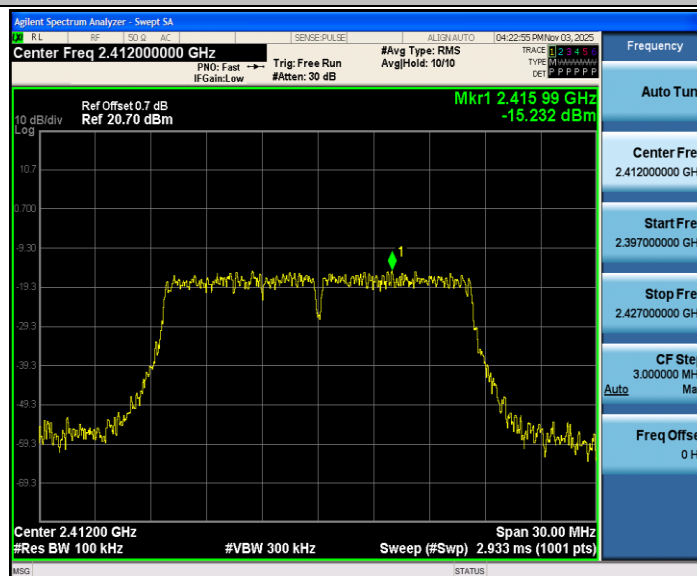
11B_Ant1_2462_30~1000



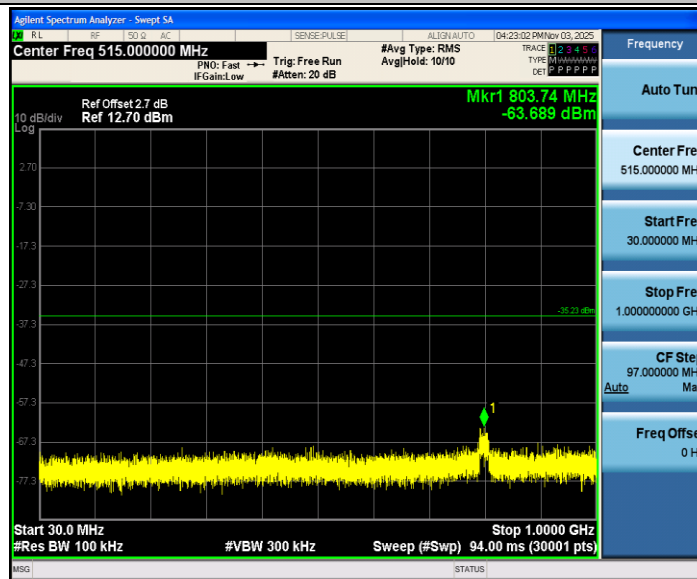
11B_Ant1_2462_1000~26500



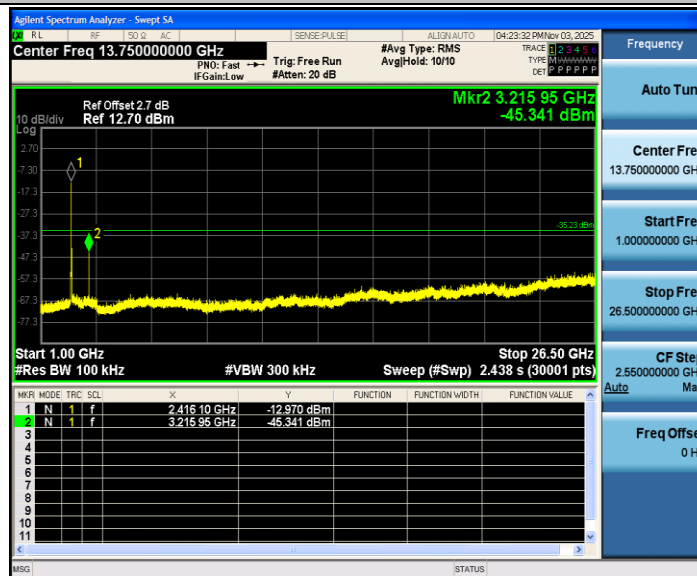
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



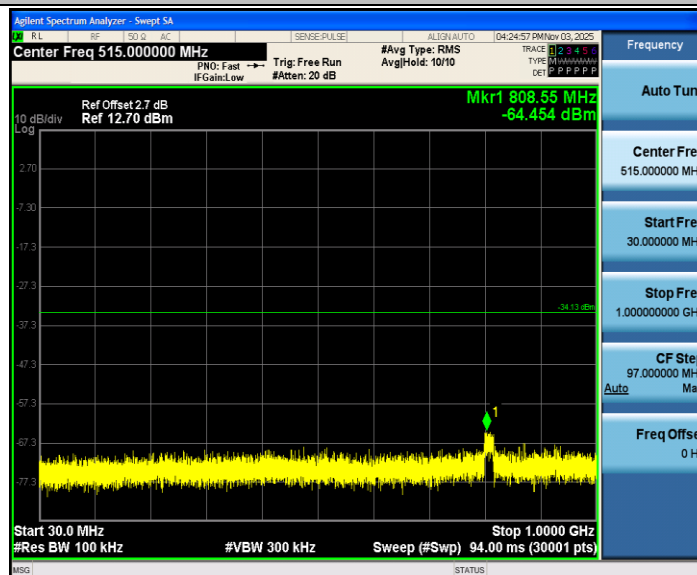
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

