

FCC Appendix RF Test Data

FCC ID : 2BPAR-A6

Company: : Guangzhou Maiya Technology Development Co.,Ltd.

EUT : Intelligent interactive terminal

Model Number : A6

Report No. : CTA25042903901

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	9.880	2407.000	2416.880	0.5	PASS
		2437	9.040	2432.960	2442.000	0.5	PASS
		2462	9.040	2457.960	2467.000	0.5	PASS
11G	Ant1	2412	15.920	2403.840	2419.760	0.5	PASS
		2437	15.720	2429.440	2445.160	0.5	PASS
		2462	15.640	2453.840	2469.480	0.5	PASS
11N20SISO	Ant1	2412	16.240	2403.680	2419.920	0.5	PASS
		2437	15.880	2429.440	2445.320	0.5	PASS
		2462	16.040	2453.520	2469.560	0.5	PASS

Test Graphs

11B_Ant1_2412



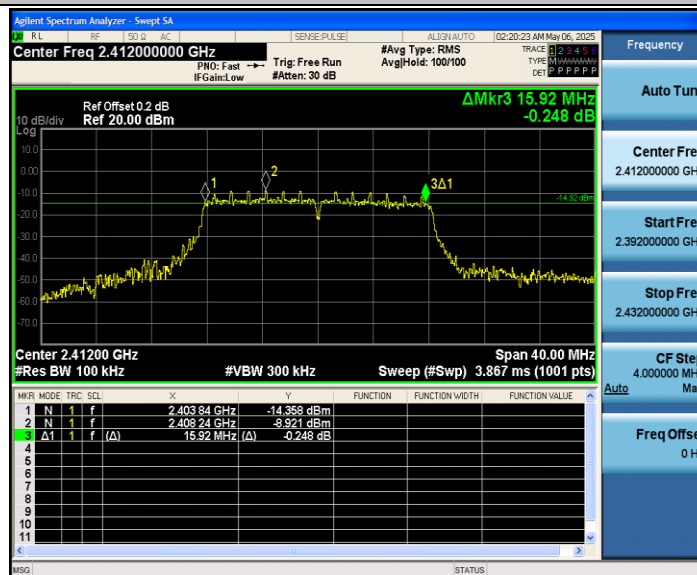
11B_Ant1_2437



11B_Ant1_2462



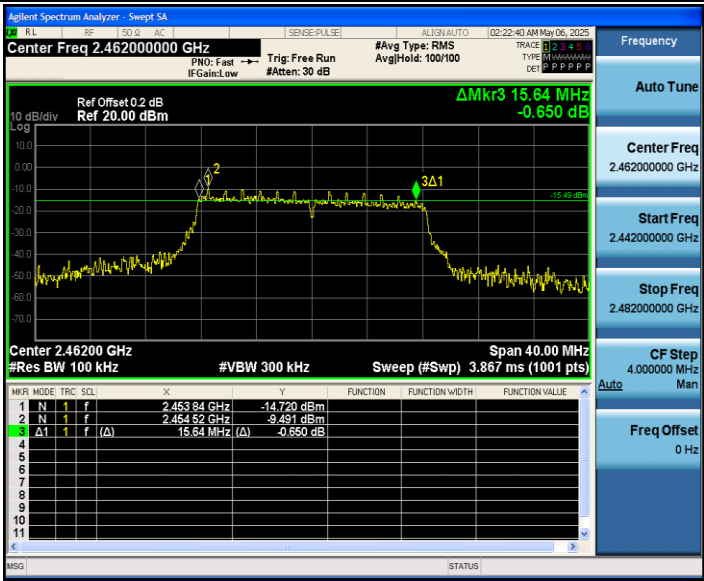
11G_Ant1_2412



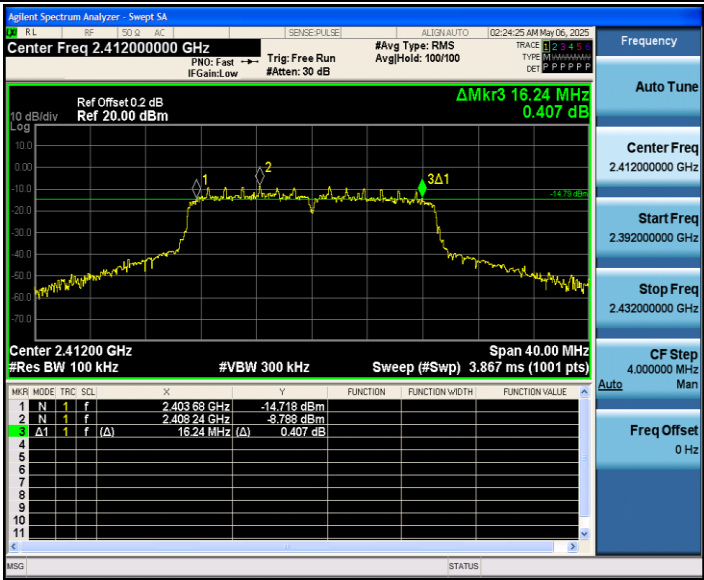
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



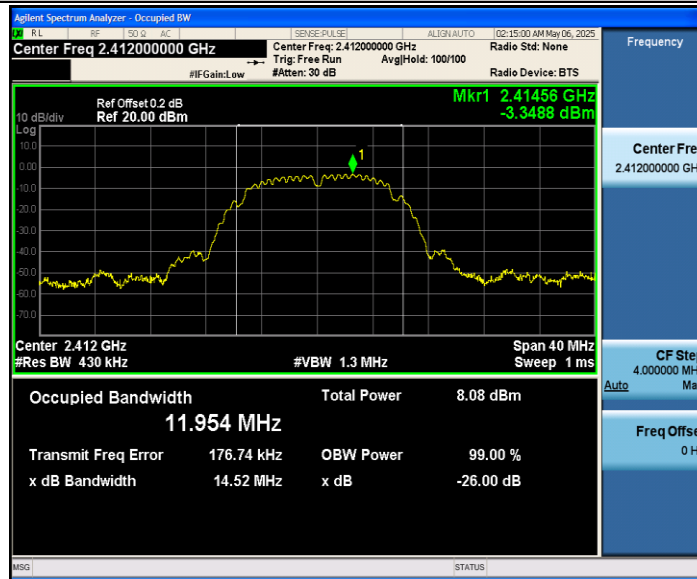
Appendix B: Occupied Channel Bandwidth

Test Result

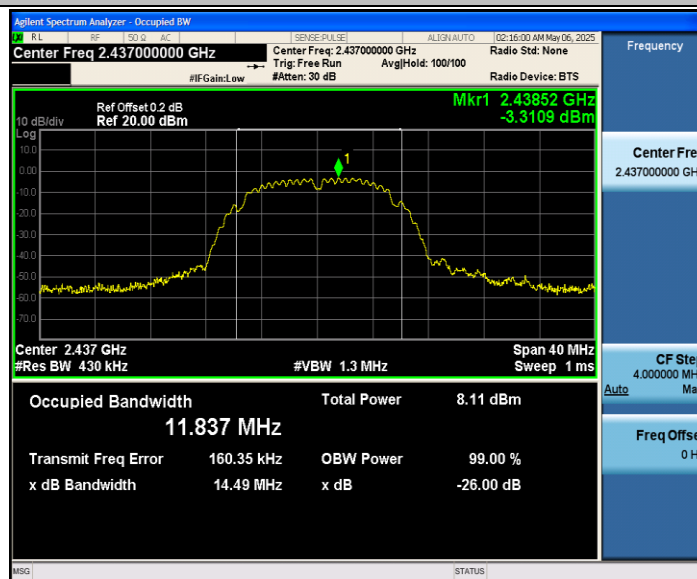
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.954	2406.1997	2418.1537	---	---
		2437	11.837	2431.2419	2443.0789	---	---
		2462	12.007	2456.1387	2468.1457	---	---
11G	Ant1	2412	16.584	2403.6769	2420.2609	---	---
		2437	16.654	2428.7985	2445.4525	---	---
		2462	16.733	2453.4944	2470.2274	---	---
11N20SISO	Ant1	2412	17.563	2403.2088	2420.7718	---	---
		2437	17.532	2428.3364	2445.8684	---	---
		2462	17.817	2452.9275	2470.7445	---	---

Test Graphs

11B_Ant1_2412



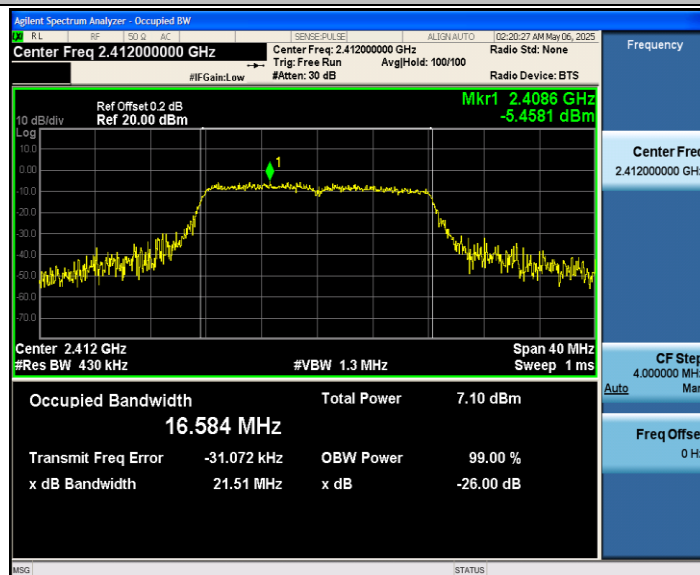
11B_Ant1_2437



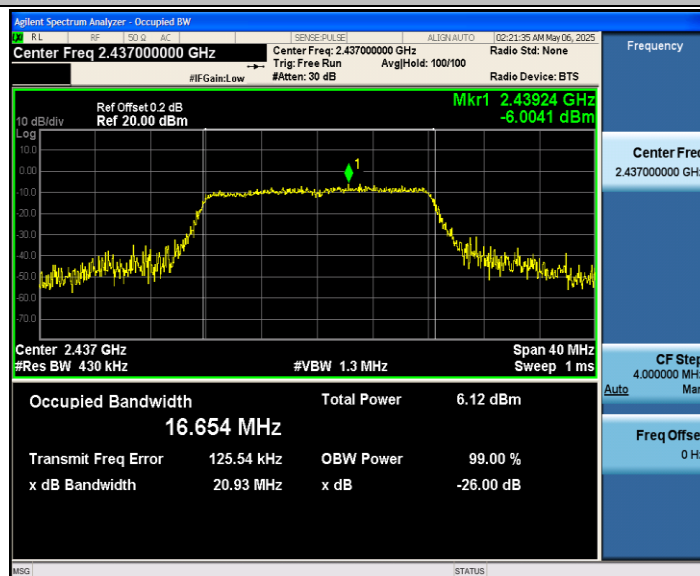
11B_Ant1_2462



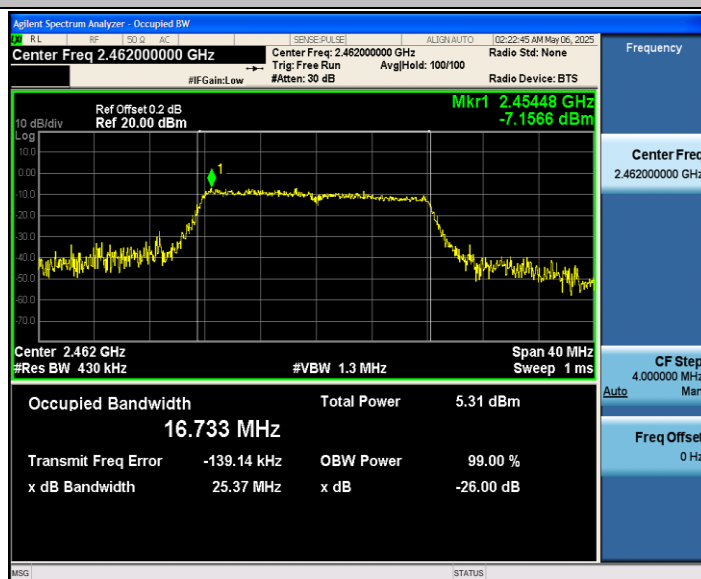
11G_Ant1_2412



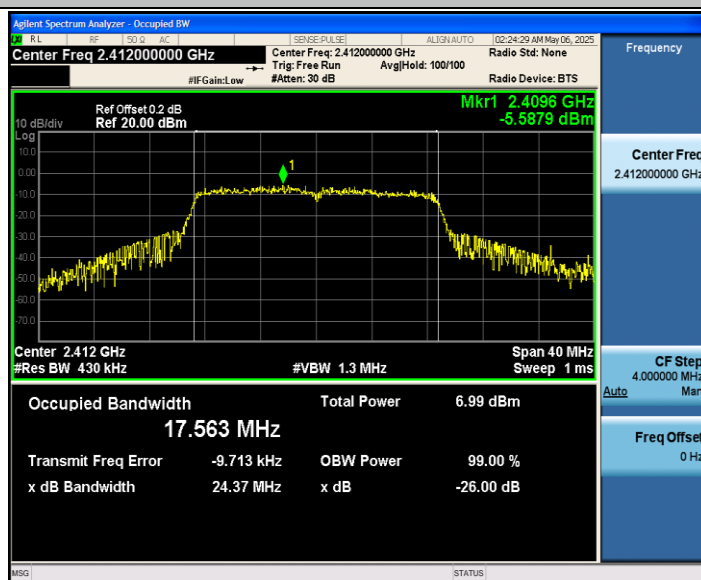
11G_Ant1_2437



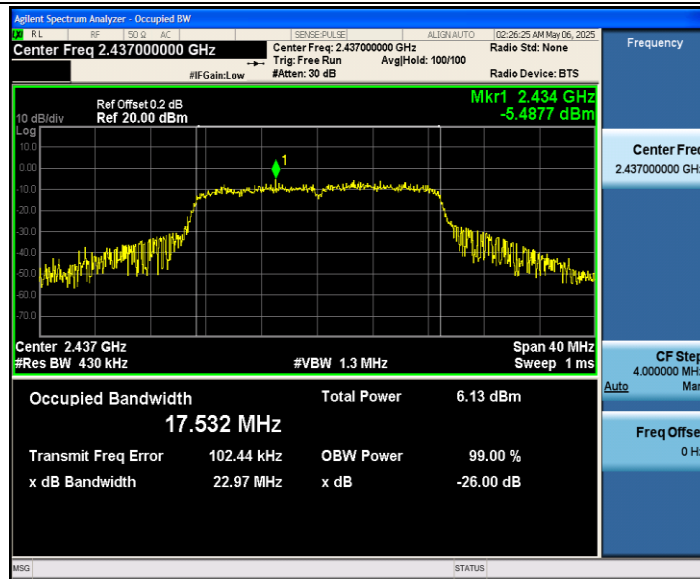
11G_Ant1_2462



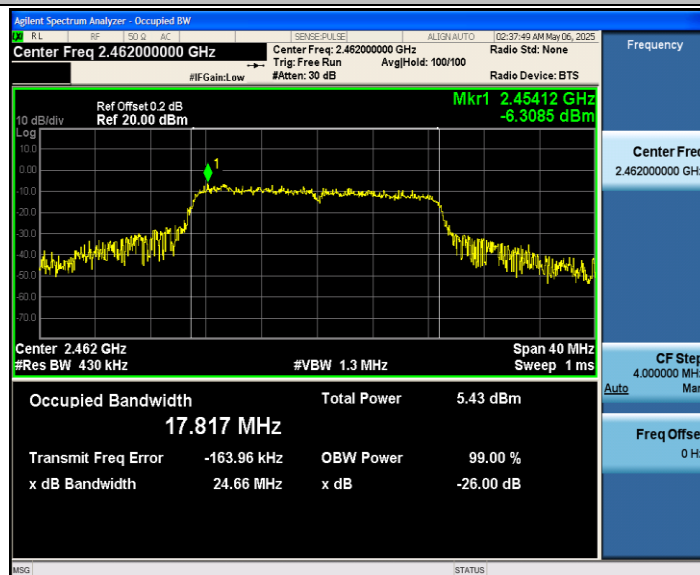
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.01	≤30.00	PASS
		2437	7.93	≤30.00	PASS
		2462	6.58	≤30.00	PASS
11G	Ant1	2412	7.65	≤30.00	PASS
		2437	6.78	≤30.00	PASS
		2462	6.02	≤30.00	PASS
11N20SISO	Ant1	2412	7.58	≤30.00	PASS
		2437	6.66	≤30.00	PASS
		2462	5.87	≤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	-18.29	≤8.00	PASS
		2437	-18.06	≤8.00	PASS
		2462	-17.79	≤8.00	PASS
11G	Ant1	2412	-25.14	≤8.00	PASS
		2437	-24.91	≤8.00	PASS
		2462	-25.65	≤8.00	PASS
11N20SISO	Ant1	2412	-24.22	≤8.00	PASS
		2437	-23.66	≤8.00	PASS
		2462	-26.37	≤8.00	PASS

Test Graphs

11B_Ant1_2412



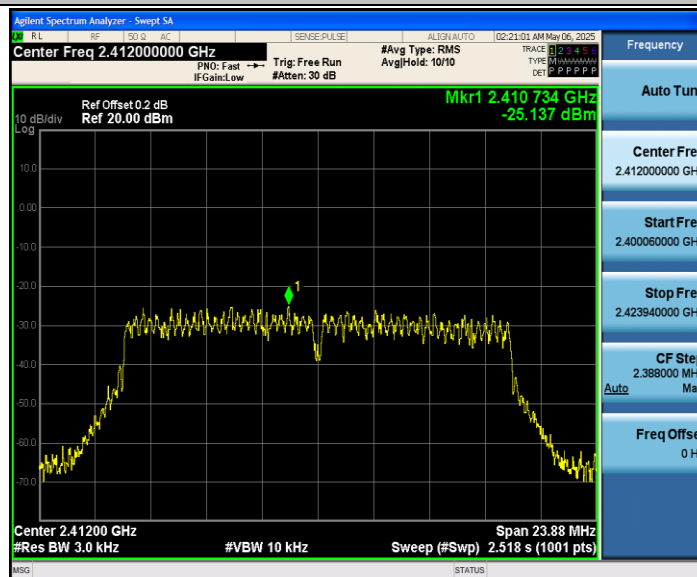
11B_Ant1_2437



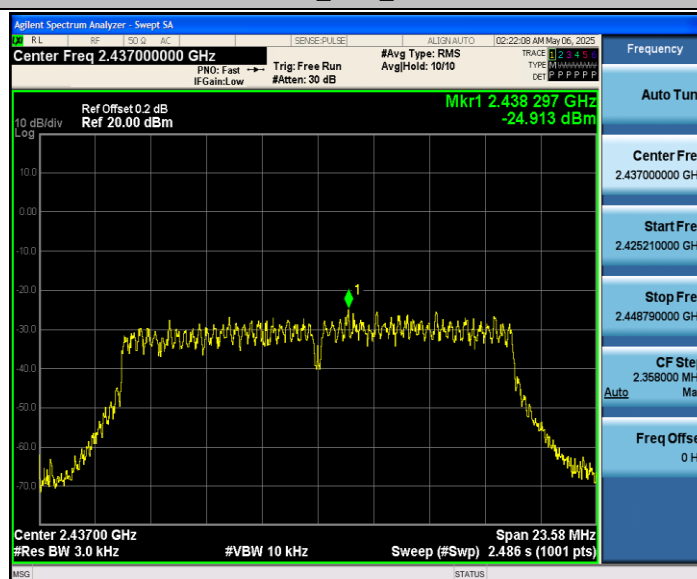
11B_Ant1_2462



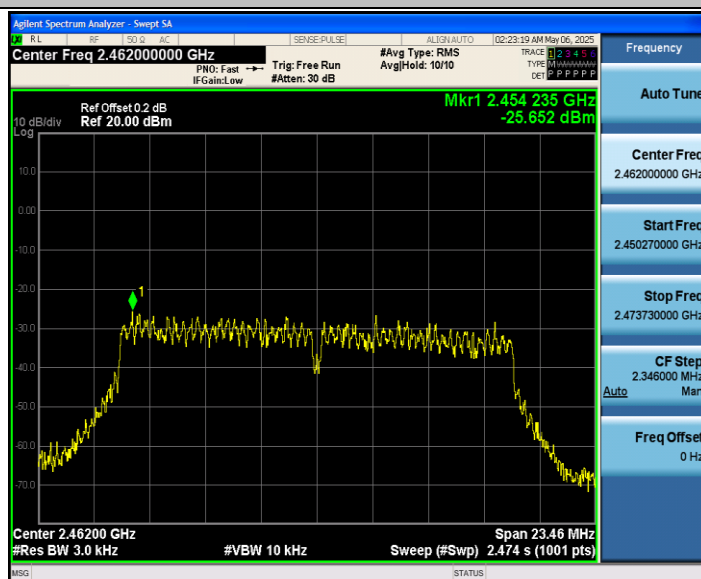
11G_Ant1_2412



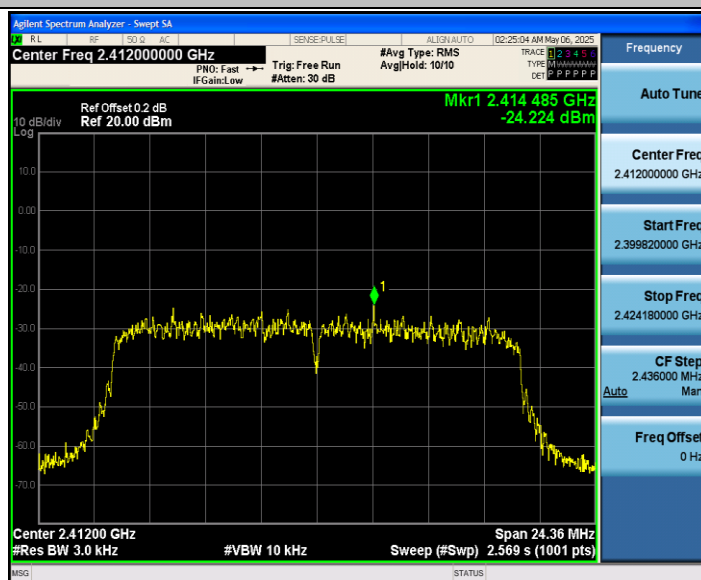
11G_Ant1_2437



11G_Ant1_2462



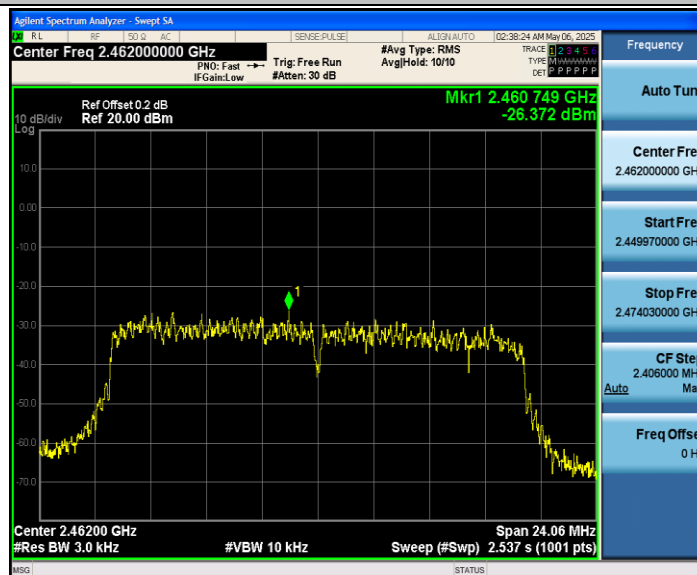
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



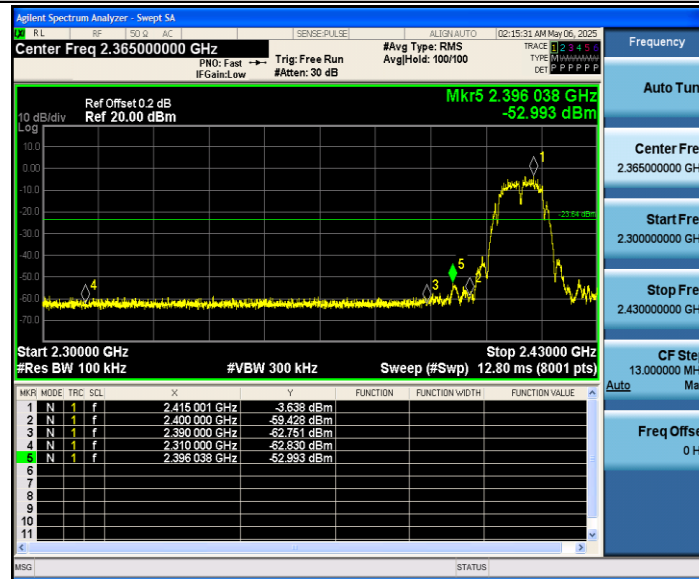
Appendix E: Band edge measurements

Test Result

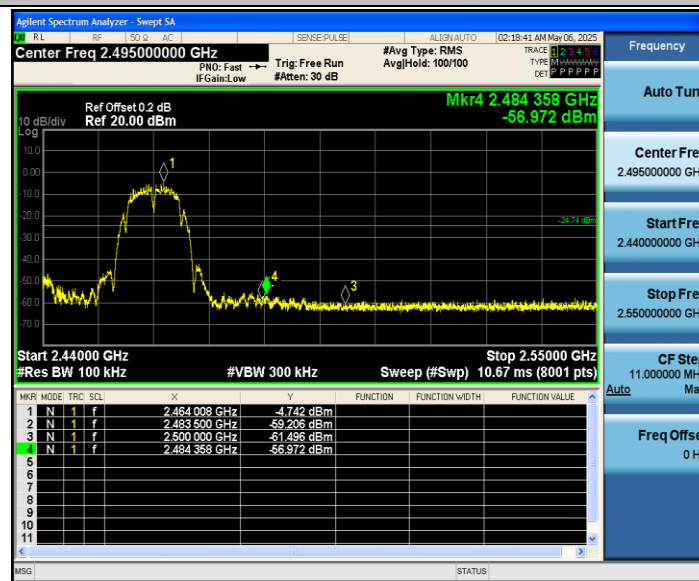
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-3.64	-52.99	≤-23.64	PASS
		High	2462	-4.74	-56.97	≤-24.74	PASS
11G	Ant1	Low	2412	-8.88	-42.06	≤-28.88	PASS
		High	2462	-9.58	-56.96	≤-29.58	PASS
11N20SISO	Ant1	Low	2412	-8.99	-42.71	≤-28.99	PASS
		High	2462	-9.58	-54.32	≤-29.58	PASS

Test Graphs

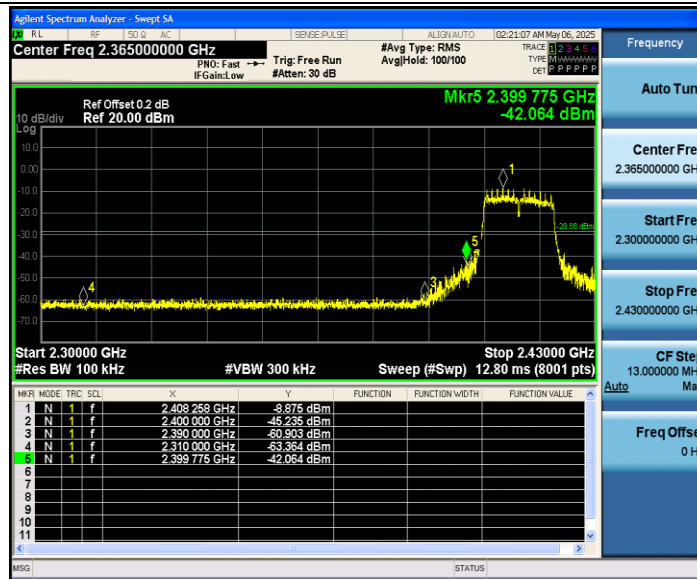
11B_Ant1_Low_2412



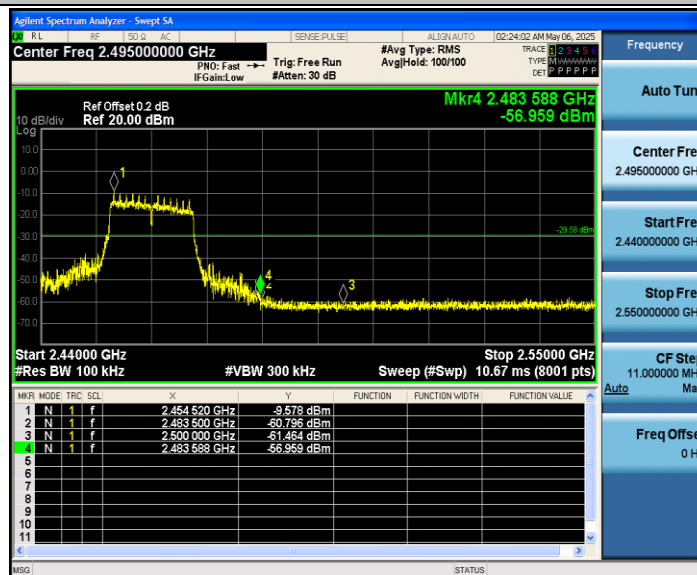
11B_Ant1_High_2462



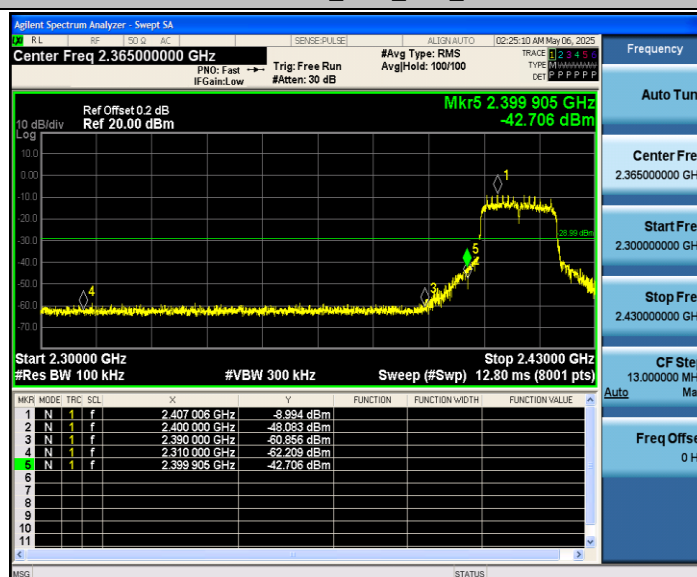
11G_Ant1_Low_2412



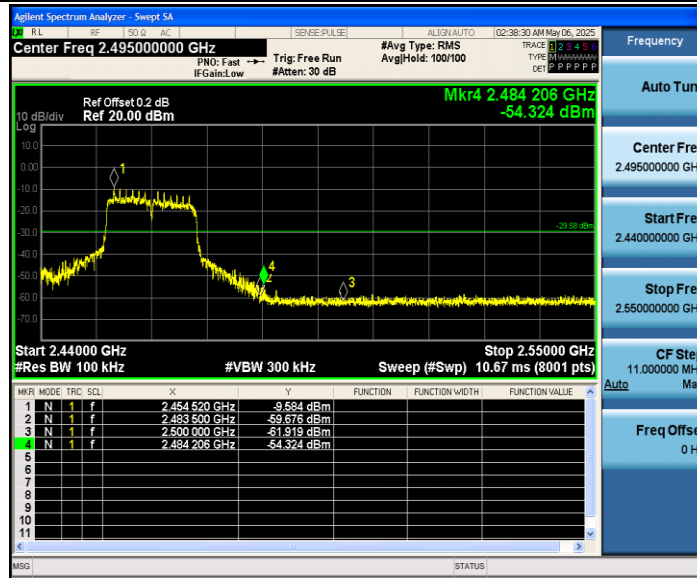
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix F: Conducted Spurious Emission

Test Result

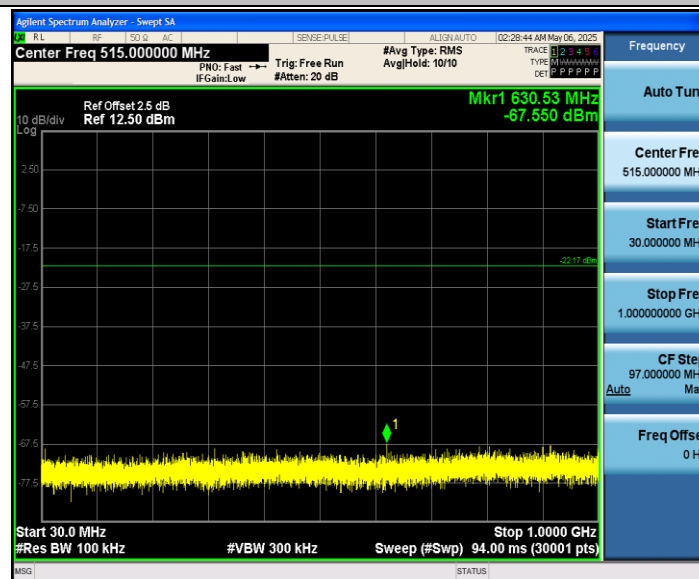
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-2.17	-2.17	---	PASS
			30~1000	-2.17	-67.55	≤-22.17	PASS
			1000~26500	-2.17	-46.81	≤-22.17	PASS
		2437	Reference	-3.48	-3.48	---	PASS
			30~1000	-3.48	-67.74	≤-23.48	PASS
			1000~26500	-3.48	-46.09	≤-23.48	PASS
		2462	Reference	-4.06	-4.06	---	PASS
			30~1000	-4.06	-67.5	≤-24.06	PASS
			1000~26500	-4.06	-41.04	≤-24.06	PASS
11G	Ant1	2412	Reference	-6.91	-6.91	---	PASS
			30~1000	-6.91	-67.98	≤-26.91	PASS
			1000~26500	-6.91	-51.43	≤-26.91	PASS
		2437	Reference	-7.50	-7.50	---	PASS
			30~1000	-7.50	-67.32	≤-27.5	PASS
			1000~26500	-7.50	-47.51	≤-27.5	PASS
		2462	Reference	-7.31	-7.31	---	PASS
			30~1000	-7.31	-67.3	≤-27.31	PASS
			1000~26500	-7.31	-46.41	≤-27.31	PASS
11N20SISO	Ant1	2412	Reference	-7.14	-7.14	---	PASS
			30~1000	-7.14	-67.05	≤-27.14	PASS
			1000~26500	-7.14	-52.12	≤-27.14	PASS
		2437	Reference	-9.57	-9.57	---	PASS
			30~1000	-9.57	-67.58	≤-29.57	PASS
			1000~26500	-9.57	-52.21	≤-29.57	PASS
		2462	Reference	-9.26	-9.26	---	PASS
			30~1000	-9.26	-67.57	≤-29.26	PASS
			1000~26500	-9.26	-49.77	≤-29.26	PASS

Test Graphs

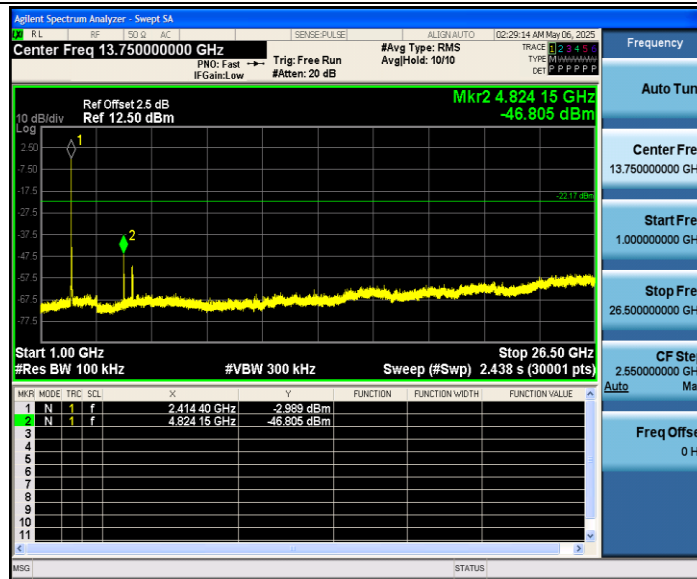
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



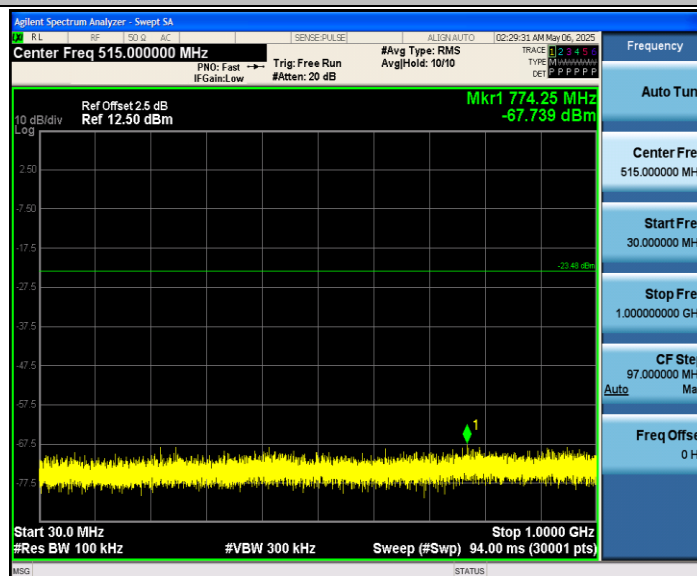
11B_Ant1_2412_1000~26500



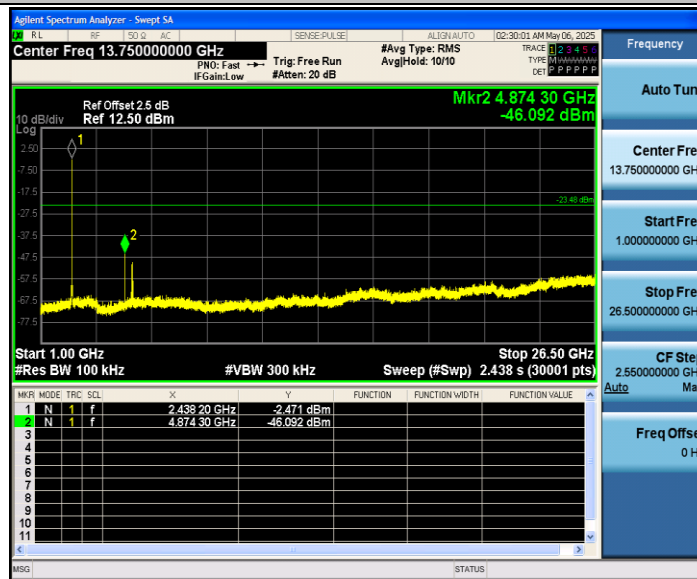
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



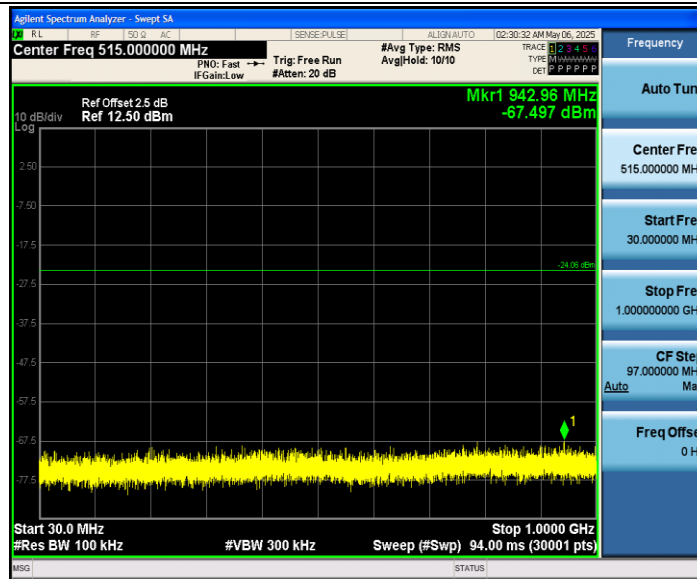
11B_Ant1_2437_1000~26500



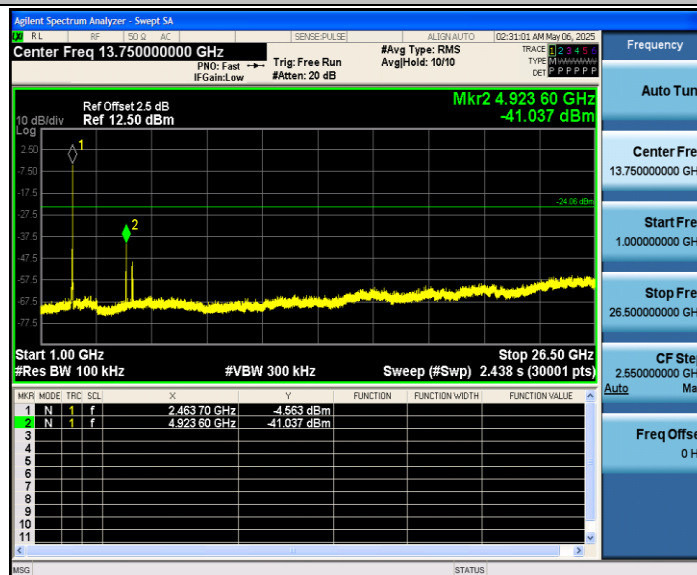
11B_Ant1_2462_0~Reference



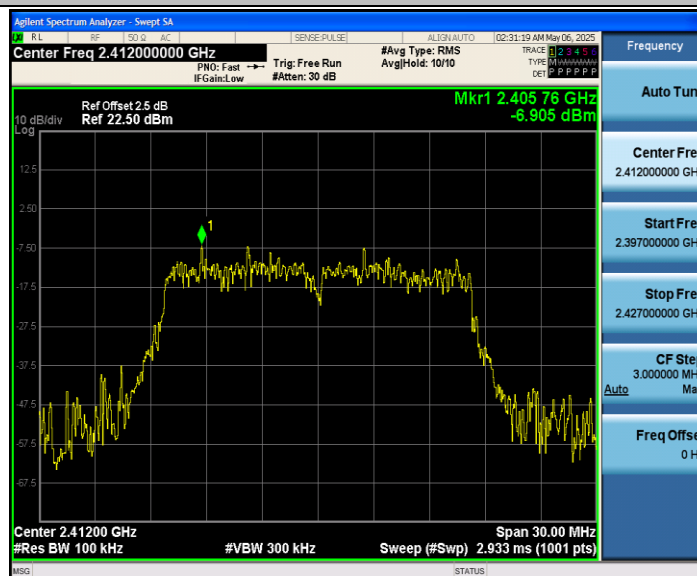
11B_Ant1_2462_30~1000



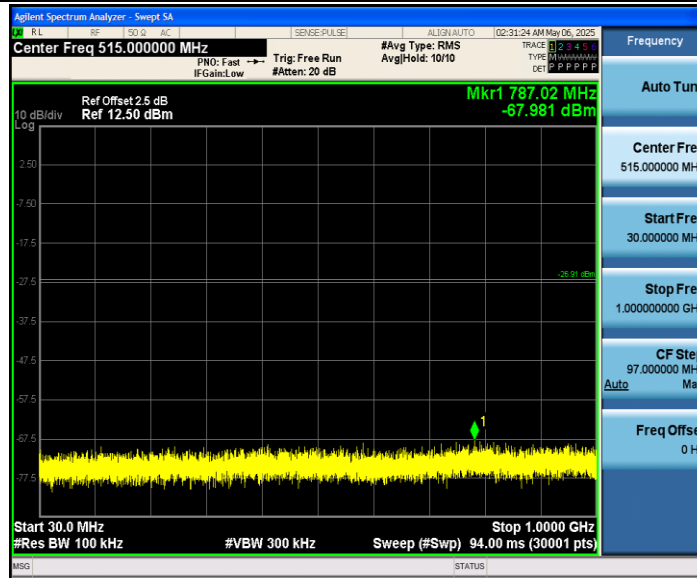
11B_Ant1_2462_1000~26500



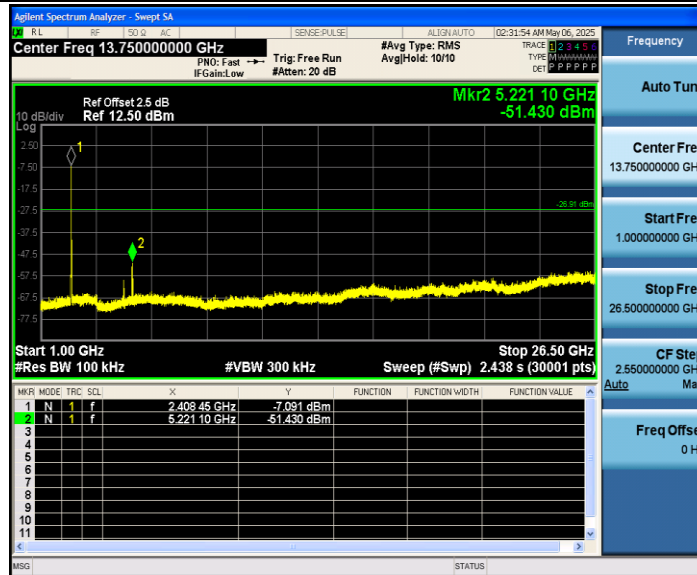
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



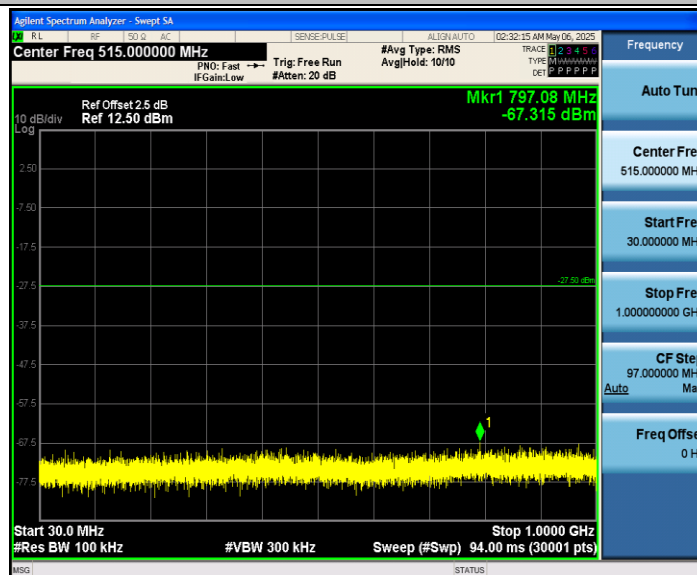
11G_Ant1_2412_1000~26500



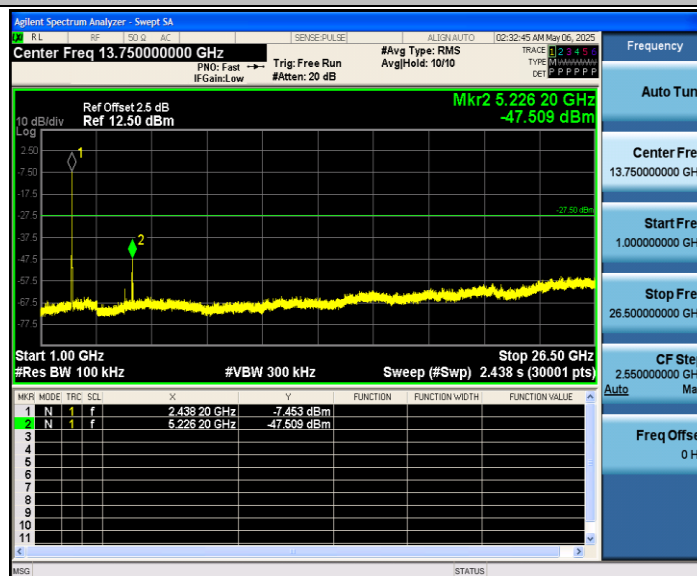
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



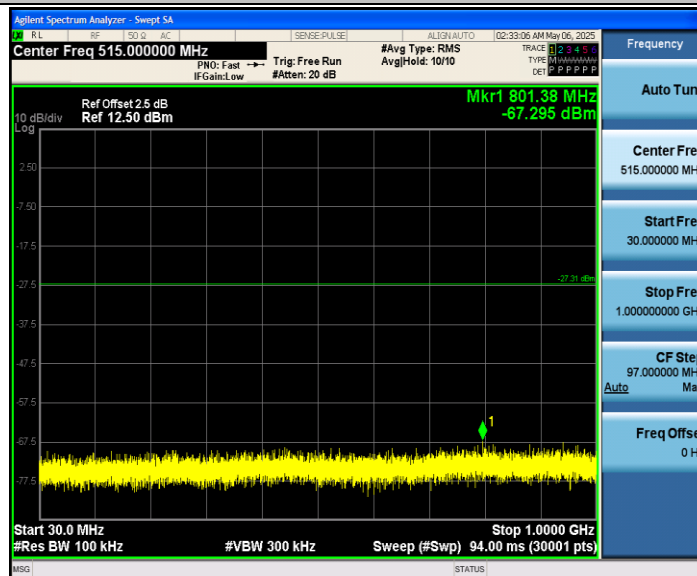
11G_Ant1_2437_1000~26500



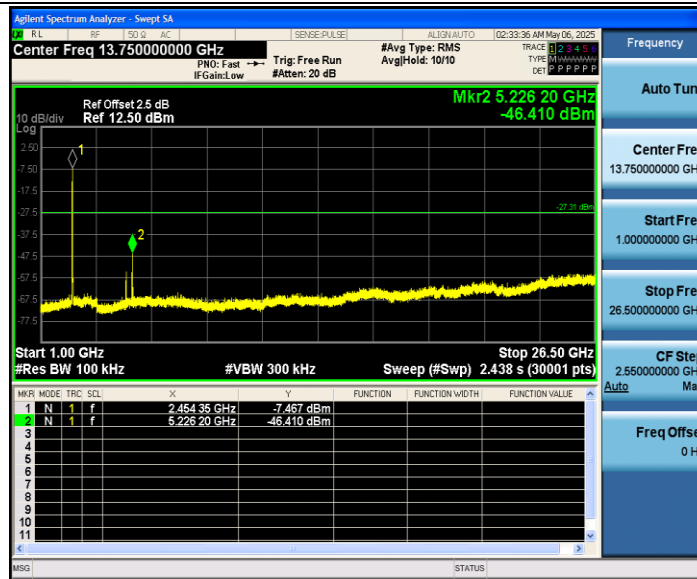
11G_Ant1_2462_0~Reference



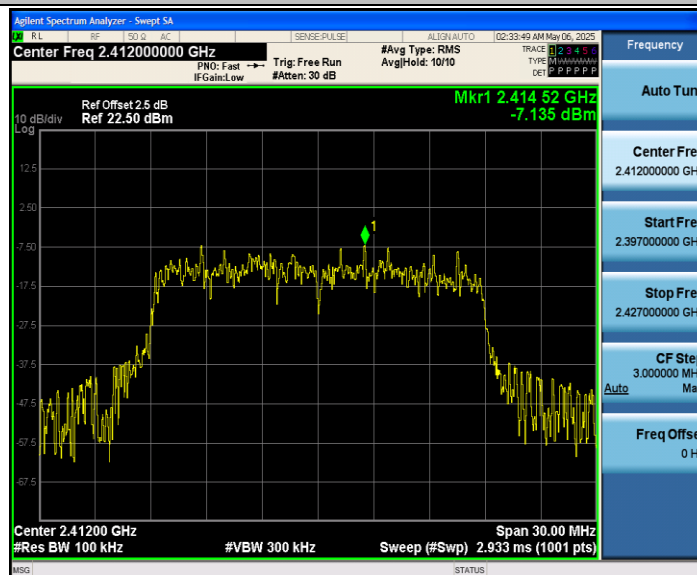
11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000

