

FCC Appendix RF Test Data

FCC ID : 2BMVR-A30T

Company: : Shenzhen Tuohai Times Technology Co., Ltd.

EUT : Tablet

Model Number : A30T

Report No. : CTA25032600902

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	8.680	2407.920	2416.600	0.5	PASS
		2437	9.120	2432.520	2441.640	0.5	PASS
		2462	9.520	2457.480	2467.000	0.5	PASS
11G	Ant1	2412	15.960	2403.840	2419.800	0.5	PASS
		2437	15.720	2429.440	2445.160	0.5	PASS
		2462	15.720	2453.840	2469.560	0.5	PASS
11N20SISO	Ant1	2412	15.920	2403.680	2419.600	0.5	PASS
		2437	15.880	2429.440	2445.320	0.5	PASS
		2462	16.120	2453.440	2469.560	0.5	PASS
11N40SISO	Ant1	2422	35.360	2404.400	2439.760	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	30.080	2434.480	2464.560	0.5	PASS

Test Graphs

11B_Ant1_2412



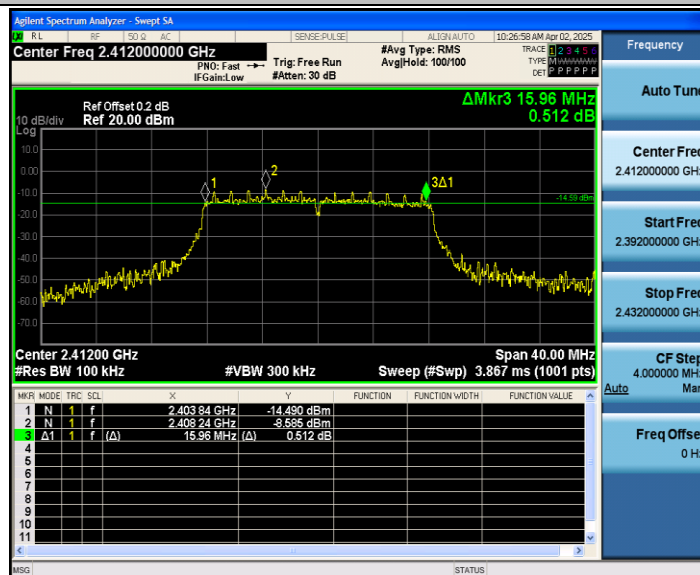
11B_Ant1_2437



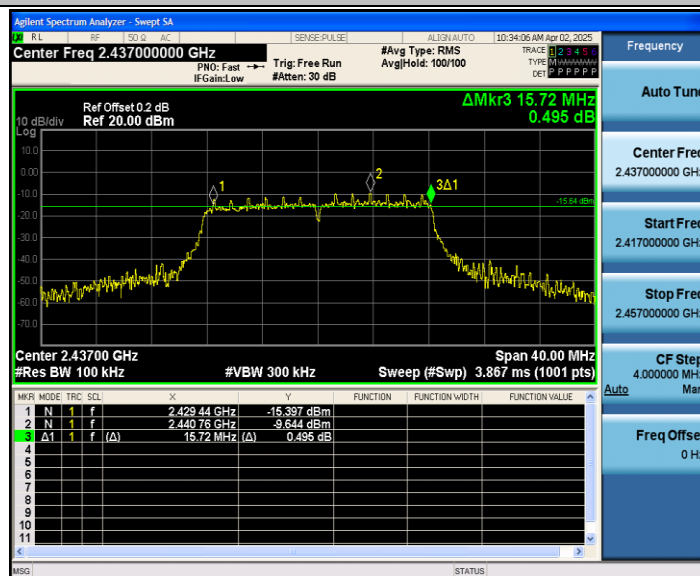
11B_Ant1_2462



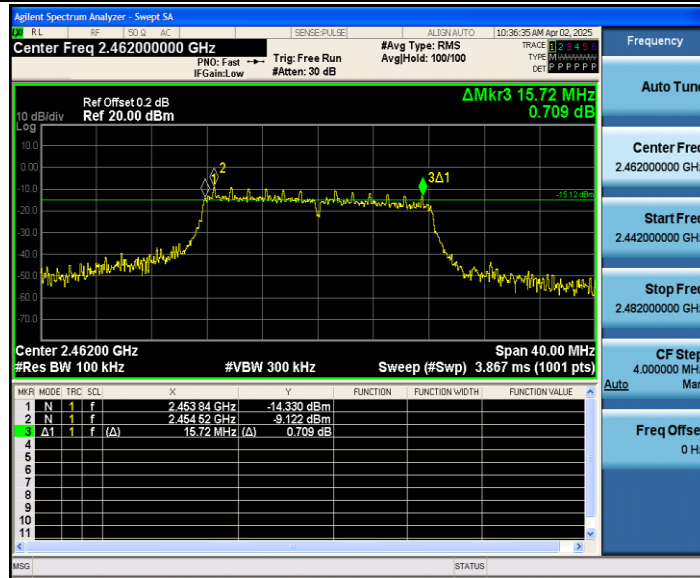
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



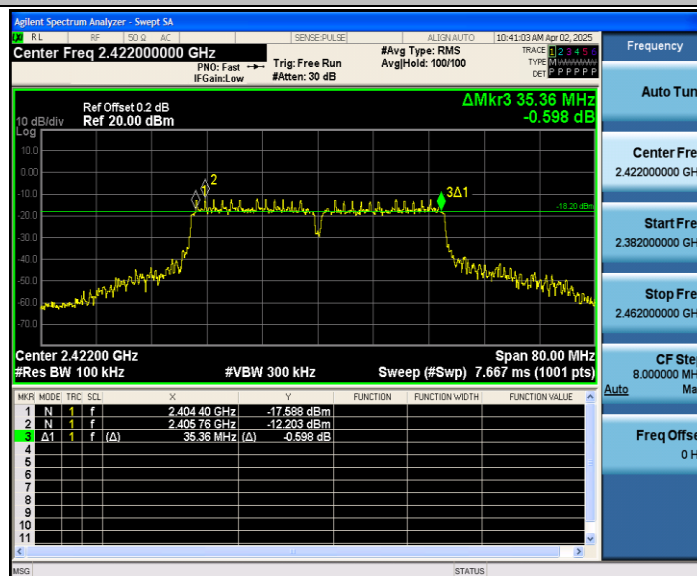
11N20SISO_Ant1_2437



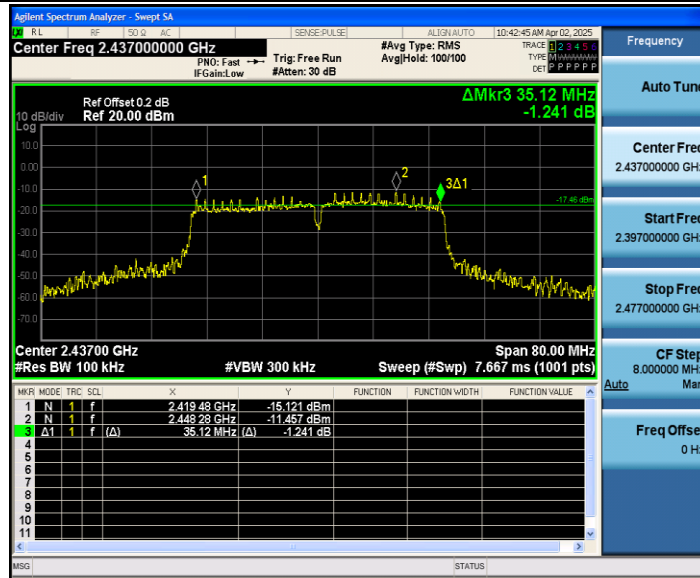
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



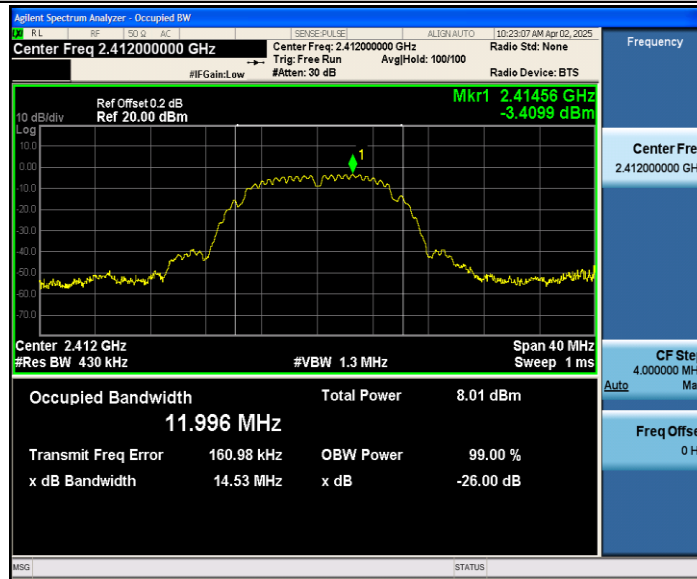
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.996	2406.1630	2418.1590	---	---
		2437	11.885	2431.2202	2443.1052	---	---
		2462	12.013	2456.1198	2468.1328	---	---
11G	Ant1	2412	16.586	2403.6807	2420.2667	---	---
		2437	16.629	2428.8288	2445.4578	---	---
		2462	16.718	2453.4789	2470.1969	---	---
11N20SISO	Ant1	2412	17.566	2403.2127	2420.7787	---	---
		2437	17.635	2428.2922	2445.9272	---	---
		2462	17.769	2452.9399	2470.7089	---	---
11N40SISO	Ant1	2422	36.415	2403.9663	2440.3813	---	---
		2437	36.055	2419.0835	2455.1385	---	---
		2452	35.862	2433.9536	2469.8156	---	---

Test Graphs

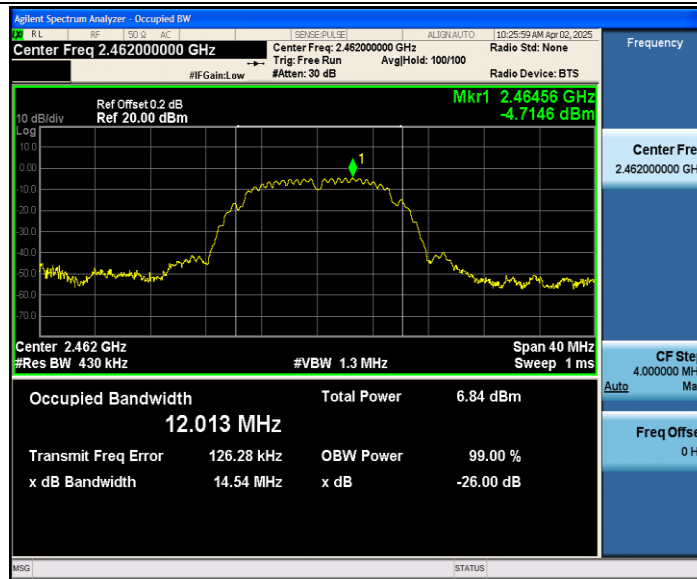
11B_Ant1_2412



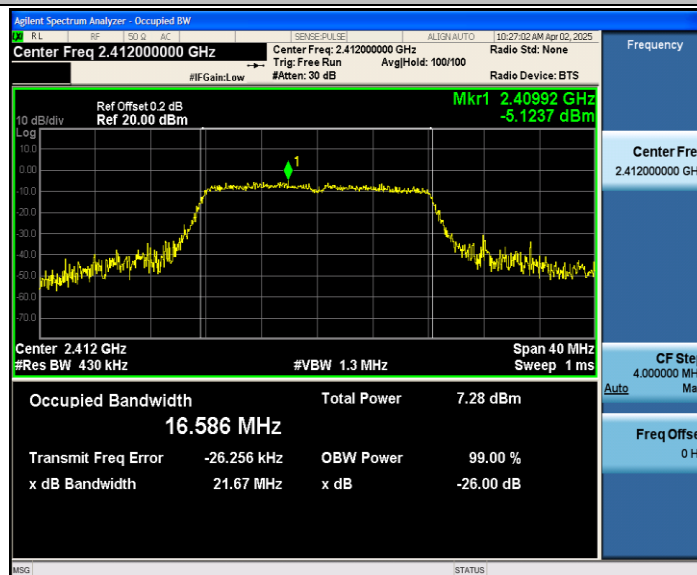
11B_Ant1_2437



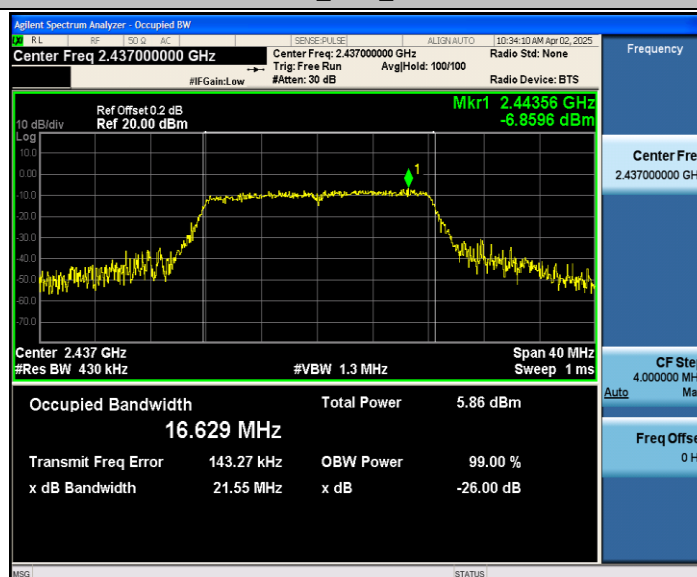
11B_Ant1_2462



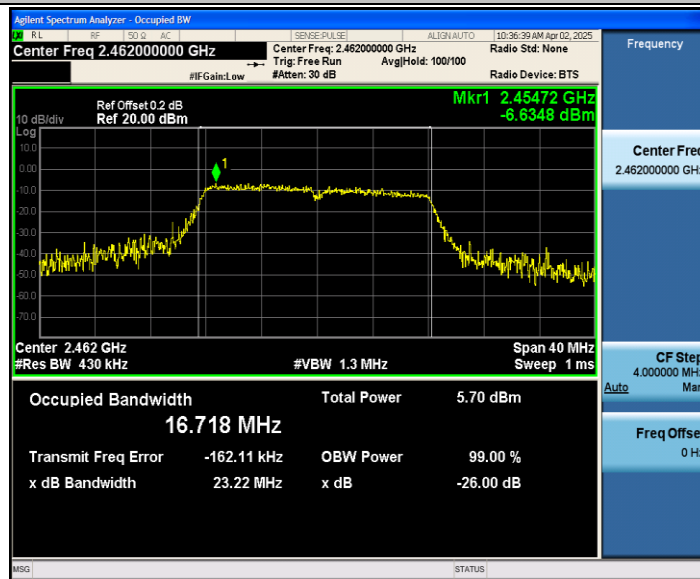
11G_Ant1_2412



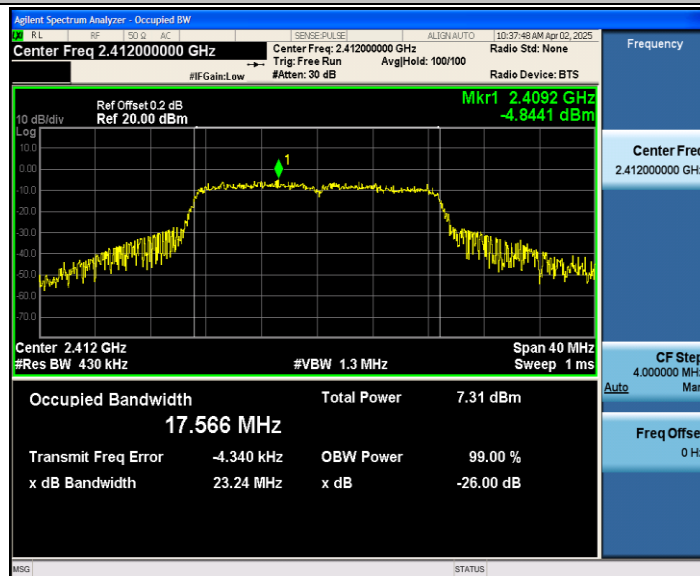
11G_Ant1_2437



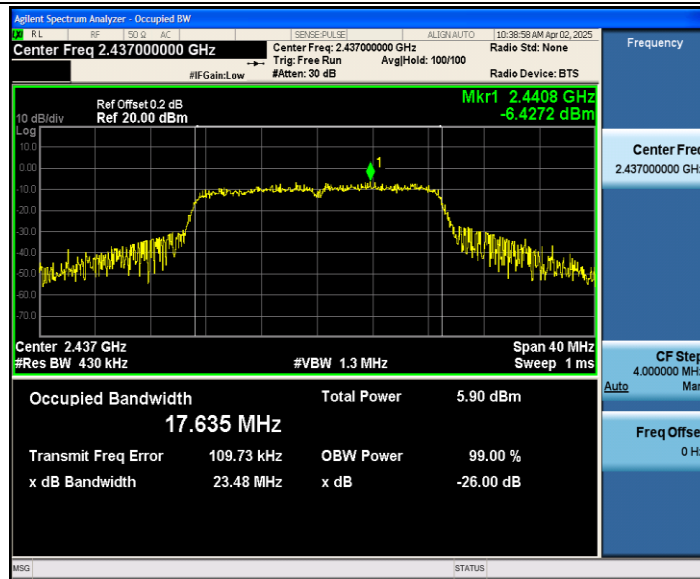
11G_Ant1_2462



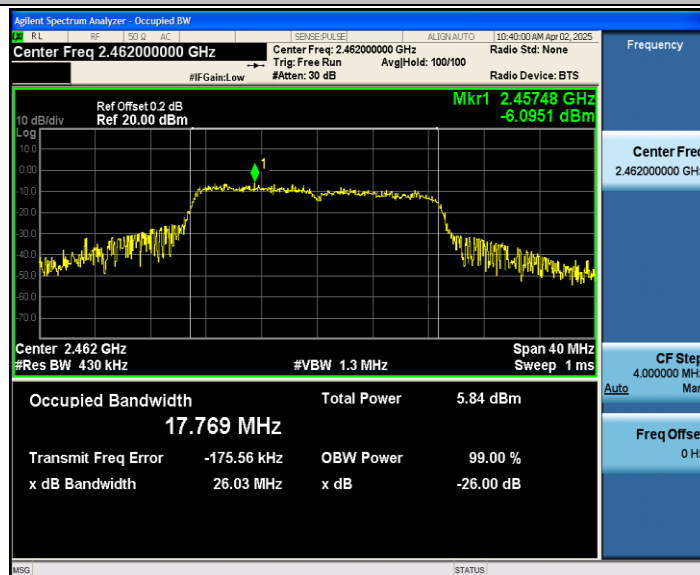
11N20SISO_Ant1_2412



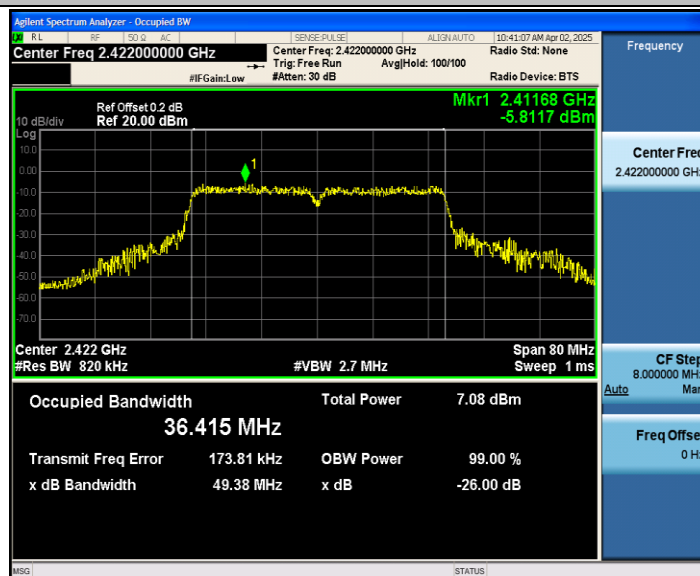
11N20SISO_Ant1_2437



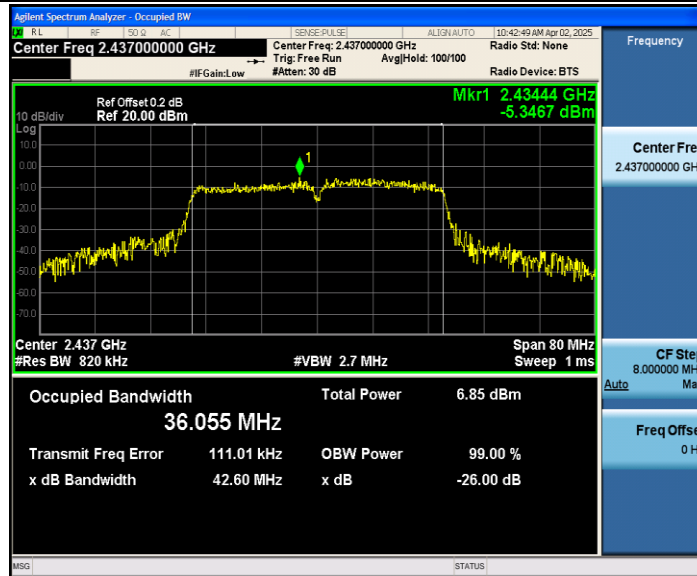
11N20SISO_Ant1_2462



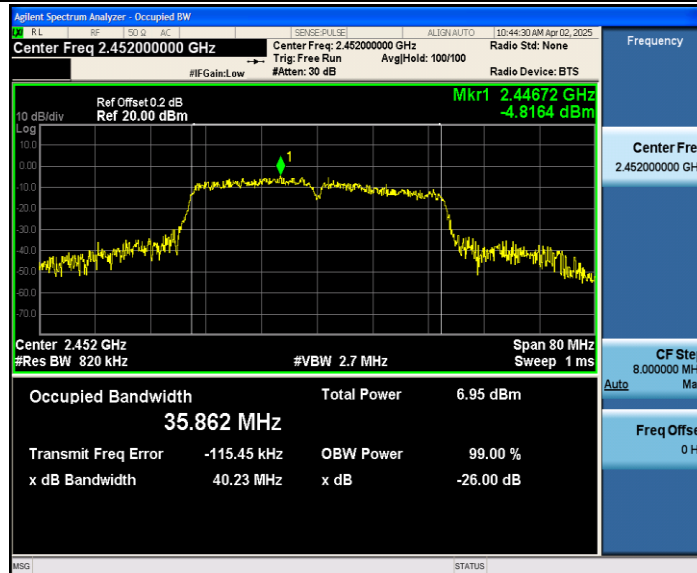
11N40SISO_Ant1_2422



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	7.68	≤30.00	PASS
		2437	6.69	≤30.00	PASS
		2462	6.72	≤30.00	PASS
11G	Ant1	2412	7.88	≤30.00	PASS
		2437	6.37	≤30.00	PASS
		2462	6.37	≤30.00	PASS
11N20SISO	Ant1	2412	7.72	≤30.00	PASS
		2437	6.31	≤30.00	PASS
		2462	6.32	≤30.00	PASS
11N40SISO	Ant1	2422	7.25	≤30.00	PASS
		2437	6.79	≤30.00	PASS
		2452	6.96	≤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	-17.72	≤8.00	PASS
		2437	-18.50	≤8.00	PASS
		2462	-19.28	≤8.00	PASS
11G	Ant1	2412	-24.51	≤8.00	PASS
		2437	-25.65	≤8.00	PASS
		2462	-24.79	≤8.00	PASS
11N20SISO	Ant1	2412	-24.65	≤8.00	PASS
		2437	-25.73	≤8.00	PASS
		2462	-25.66	≤8.00	PASS
11N40SISO	Ant1	2422	-27.54	≤8.00	PASS
		2437	-27.91	≤8.00	PASS
		2452	-26.16	≤8.00	PASS

Test Graphs

11B_Ant1_2412



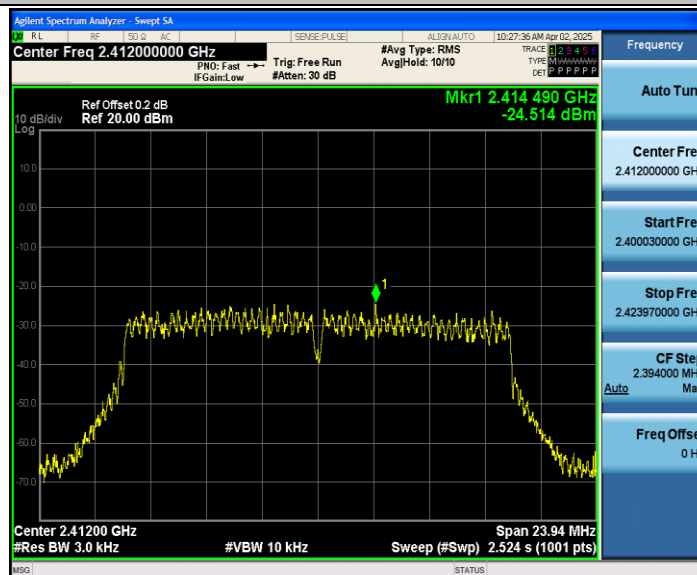
11B_Ant1_2437



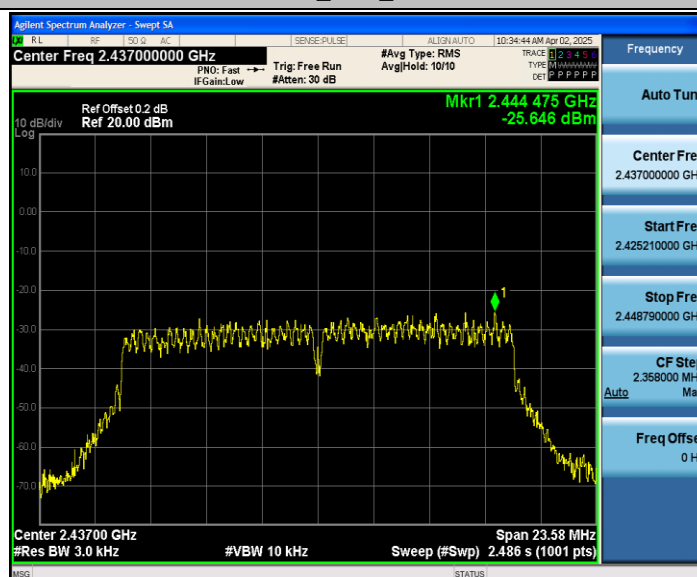
11B_Ant1_2462



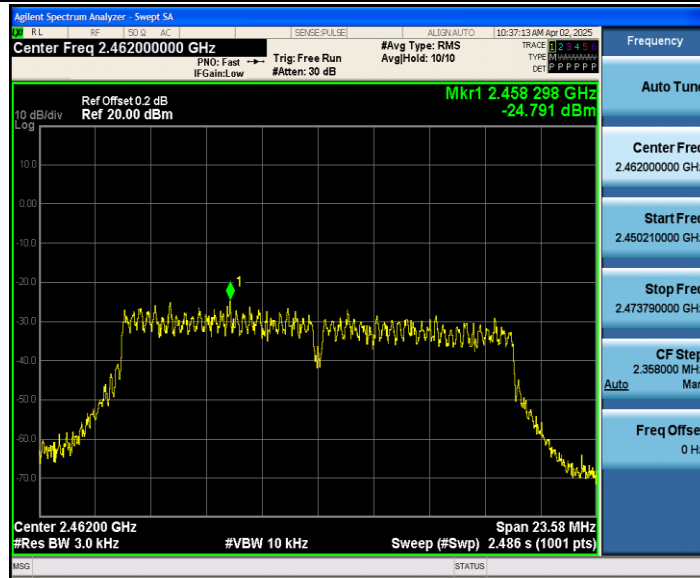
11G_Ant1_2412



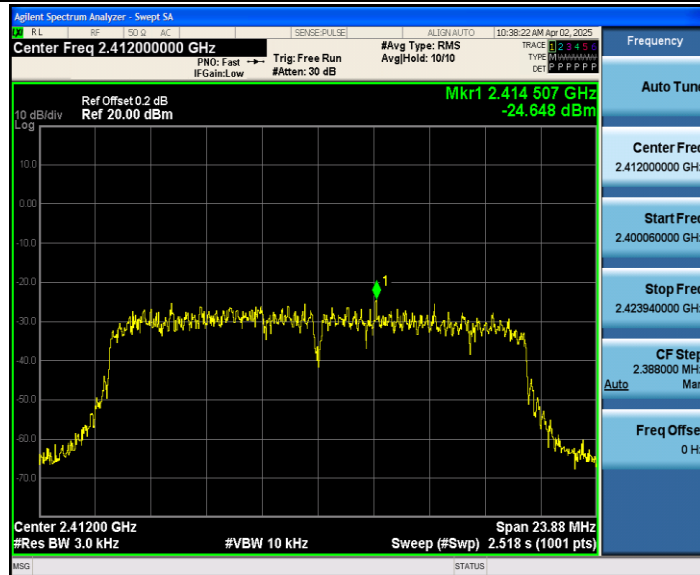
11G_Ant1_2437



11G_Ant1_2462



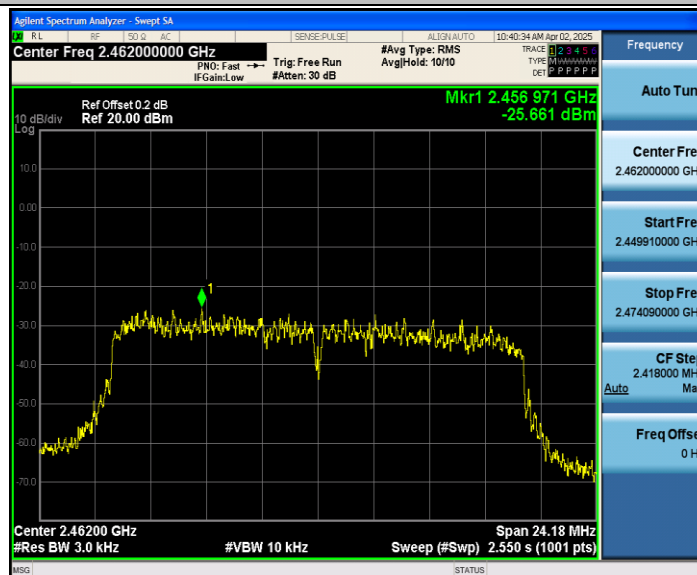
11N20SISO_Ant1_2412



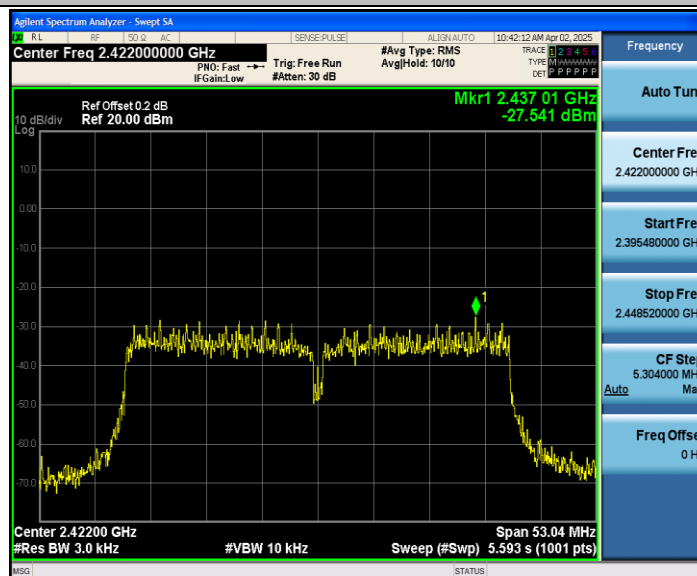
11N20SISO_Ant1_2437



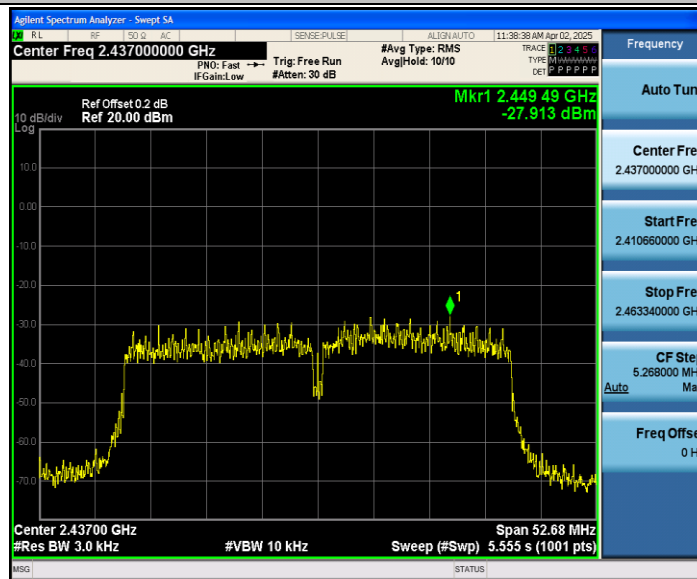
11N20SISO_Ant1_2462



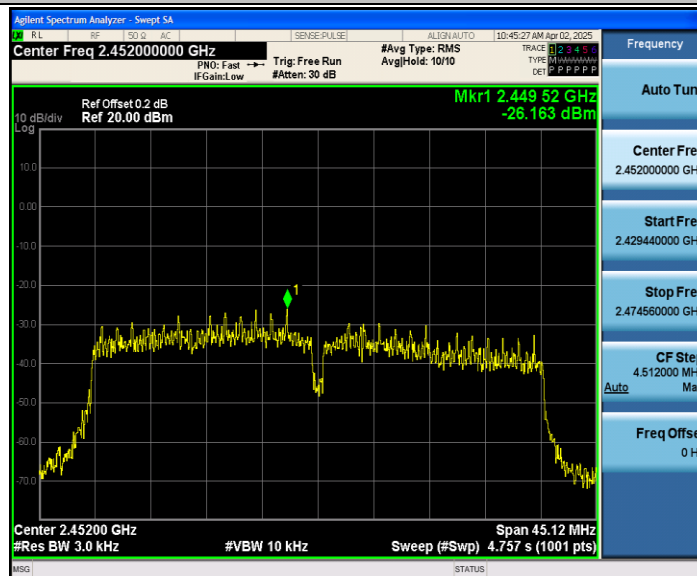
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



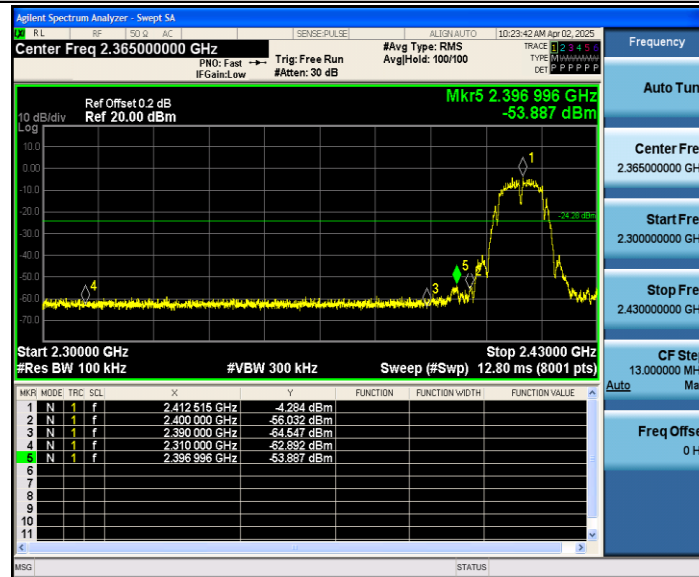
Appendix E: Band edge measurements

Test Result

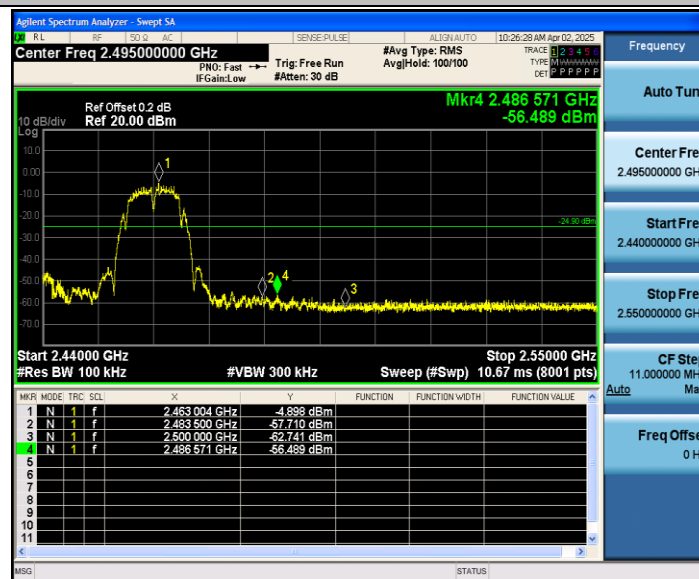
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-4.28	-53.89	≤-24.28	PASS
		High	2462	-4.90	-56.49	≤-24.9	PASS
11G	Ant1	Low	2412	-8.58	-42.53	≤-28.58	PASS
		High	2462	-9.01	-55.59	≤-29.01	PASS
11N20SISO	Ant1	Low	2412	-8.59	-42.86	≤-28.59	PASS
		High	2462	-8.94	-52.15	≤-28.94	PASS
11N40SISO	Ant1	Low	2422	-12.17	-43.5	≤-32.17	PASS
		High	2452	-10.61	-47.86	≤-30.61	PASS

Test Graphs

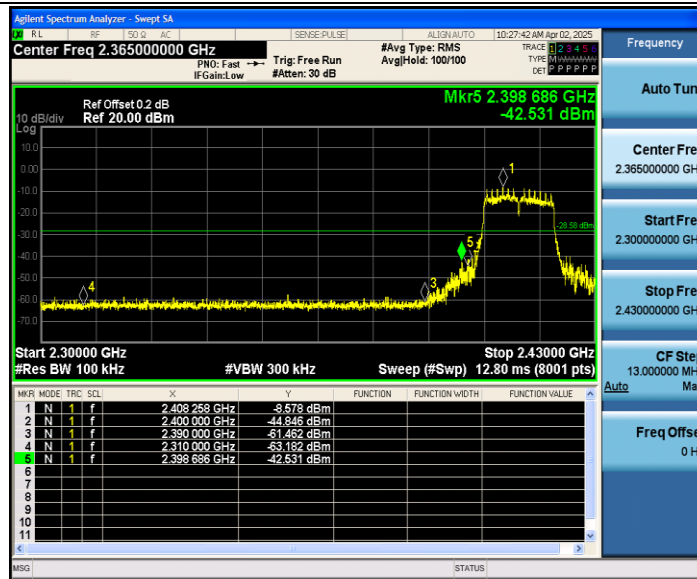
11B_Ant1_Low_2412



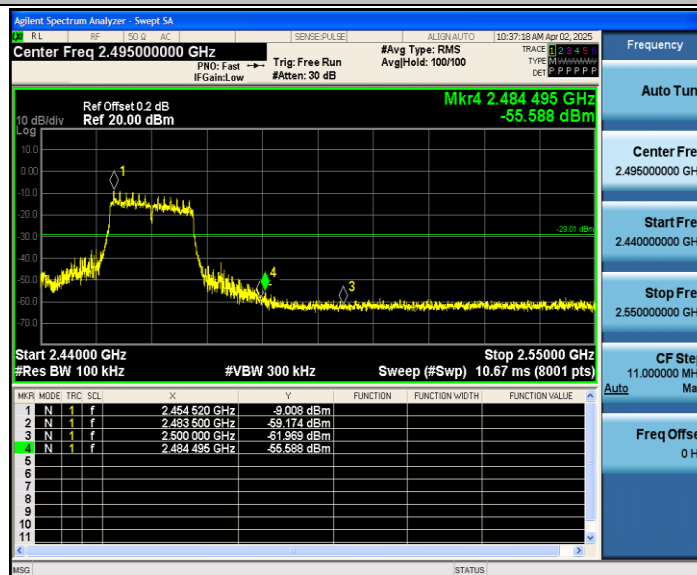
11B_Ant1_High_2462



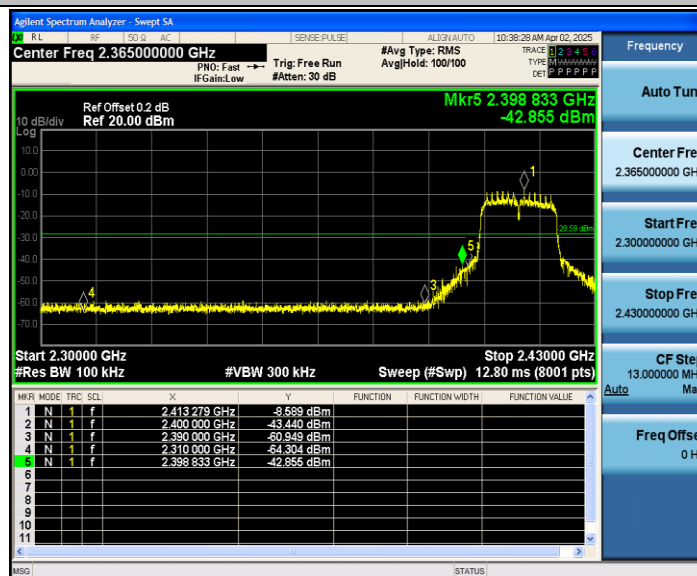
11G_Ant1_Low_2412



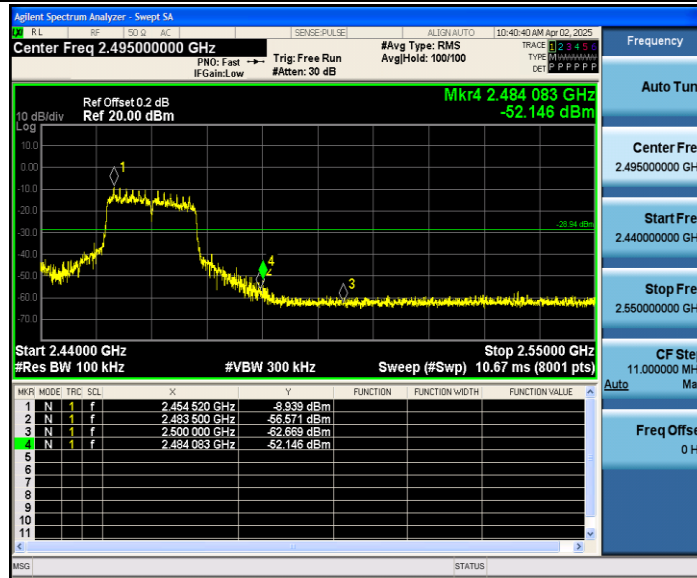
11G_Ant1_High_2462



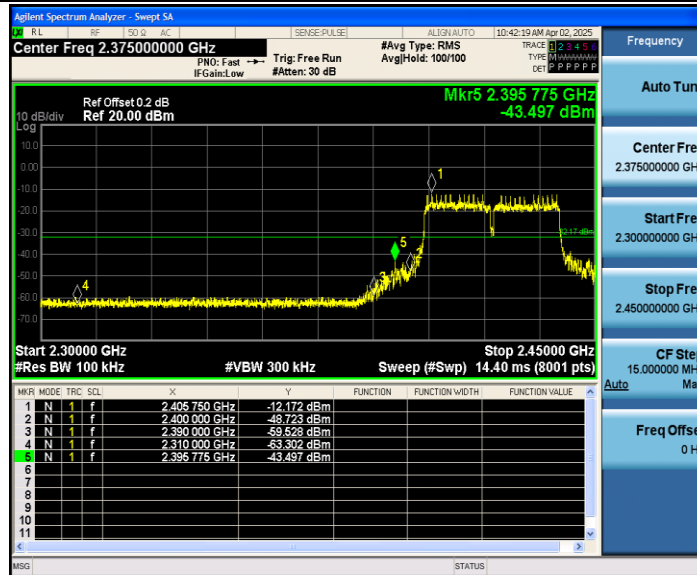
11N20SISO_Ant1_Low_2412



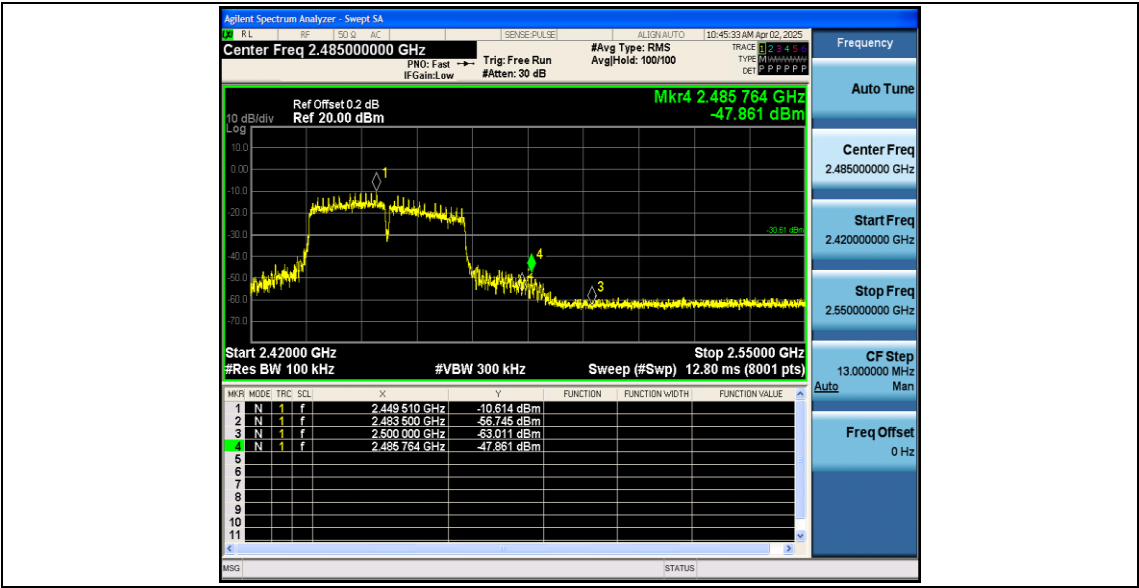
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix F: Conducted Spurious Emission

Test Result

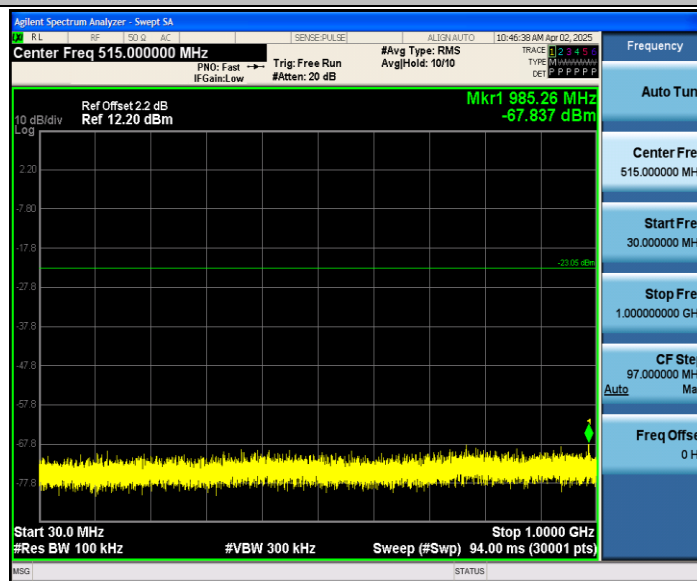
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-3.05	-3.05	---	PASS
			30~1000	-3.05	-67.84	≤-23.05	PASS
			1000~26500	-3.05	-48.47	≤-23.05	PASS
		2437	Reference	-4.85	-4.85	---	PASS
			30~1000	-4.85	-68.38	≤-24.85	PASS
			1000~26500	-4.85	-44.29	≤-24.85	PASS
		2462	Reference	-4.70	-4.70	---	PASS
			30~1000	-4.70	-68.74	≤-24.7	PASS
			1000~26500	-4.70	-43.09	≤-24.7	PASS
11G	Ant1	2412	Reference	-6.84	-6.84	---	PASS
			30~1000	-6.84	-67.83	≤-26.84	PASS
			1000~26500	-6.84	-49.08	≤-26.84	PASS
		2437	Reference	-7.95	-7.95	---	PASS
			30~1000	-7.95	-67.94	≤-27.95	PASS
			1000~26500	-7.95	-49.73	≤-27.95	PASS
		2462	Reference	-8.56	-8.56	---	PASS
			30~1000	-8.56	-68.38	≤-28.56	PASS
			1000~26500	-8.56	-49.69	≤-28.56	PASS
11N20SISO	Ant1	2412	Reference	-6.75	-6.75	---	PASS
			30~1000	-6.75	-68.53	≤-26.75	PASS
			1000~26500	-6.75	-52.69	≤-26.75	PASS
		2437	Reference	-7.95	-7.95	---	PASS
			30~1000	-7.95	-68.53	≤-27.95	PASS
			1000~26500	-7.95	-50.77	≤-27.95	PASS
		2462	Reference	-8.64	-8.64	---	PASS
			30~1000	-8.64	-68.22	≤-28.64	PASS
			1000~26500	-8.64	-55.91	≤-28.64	PASS
11N40SISO	Ant1	2422	Reference	-10.41	-10.41	---	PASS
			30~1000	-10.41	-68.37	≤-30.41	PASS
			1000~26500	-10.41	-46.83	≤-30.41	PASS
		2437	Reference	-10.03	-10.03	---	PASS
			30~1000	-10.03	-68.46	≤-30.03	PASS
			1000~26500	-10.03	-41.29	≤-30.03	PASS
		2452	Reference	-8.66	-8.66	---	PASS
			30~1000	-8.66	-68.03	≤-28.66	PASS
			1000~26500	-8.66	-47.98	≤-28.66	PASS

Test Graphs

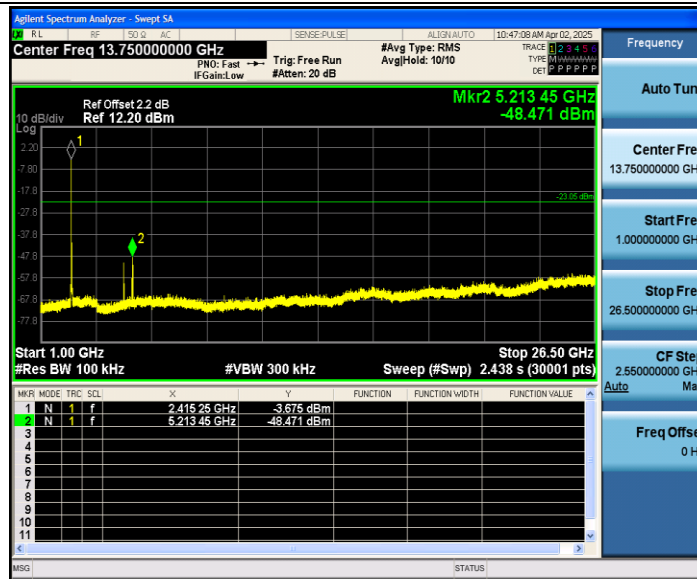
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



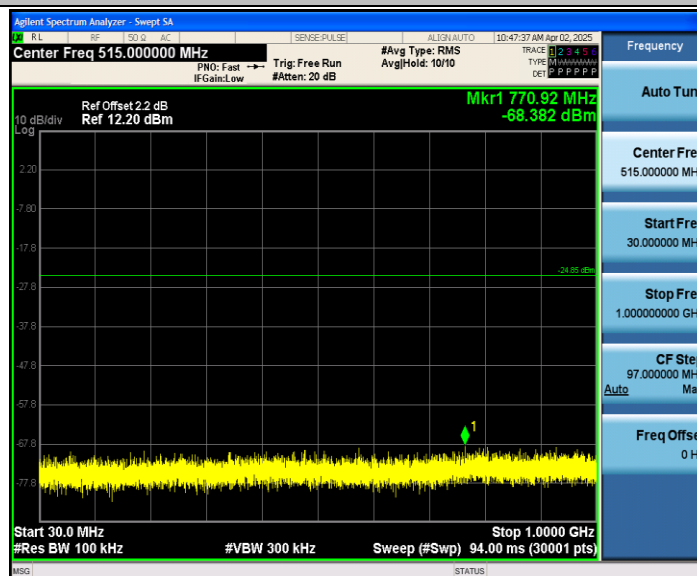
11B_Ant1_2412_1000~26500



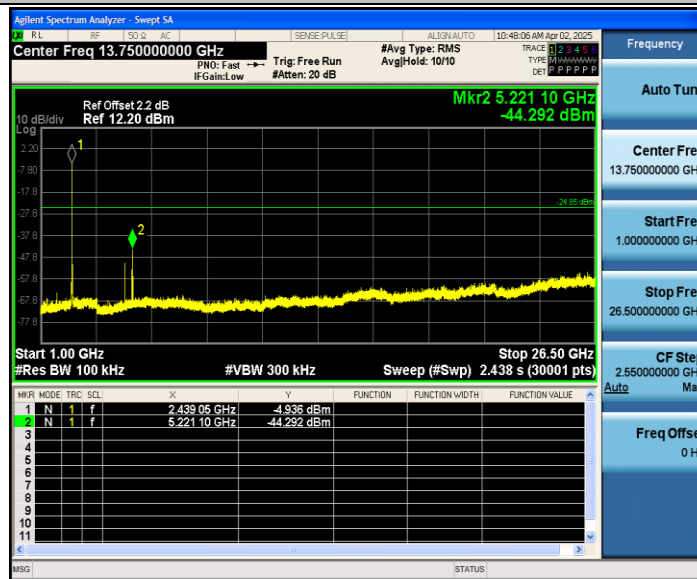
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000