

FCC Appendix RF Test Data for 2.4GWIFI

FCC ID : 2BW3U-MS-10-CM5-B

Company : MYPLAYER LTD

EUT : MY TOUCH T10

Model Number : MS-10-CM5-B

Report No. : CTA26061602503

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	10.200	2406.920	2417.120	0.5	PASS
		2437	10.240	2431.920	2442.160	0.5	PASS
		2462	10.200	2456.920	2467.120	0.5	PASS
11G	Ant1	2412	15.960	2403.960	2419.920	0.5	PASS
		2437	15.560	2429.440	2445.000	0.5	PASS
		2462	15.880	2454.120	2470.000	0.5	PASS
11N20SISO	Ant1	2412	16.320	2403.720	2420.040	0.5	PASS
		2437	16.160	2428.480	2444.640	0.5	PASS
		2462	16.960	2453.520	2470.480	0.5	PASS
11N40SISO	Ant1	2422	35.360	2404.480	2439.840	0.5	PASS
		2437	34.080	2420.040	2454.120	0.5	PASS
		2452	35.360	2434.560	2469.920	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



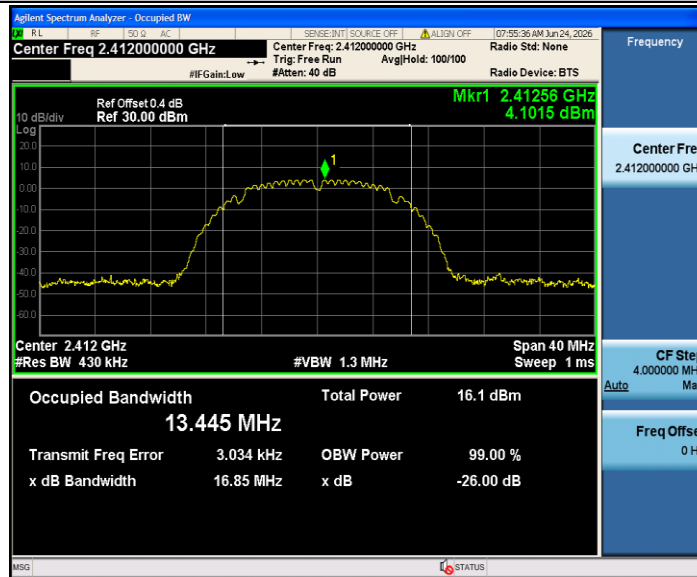
Appendix B: Occupied Channel Bandwidth

Test Result

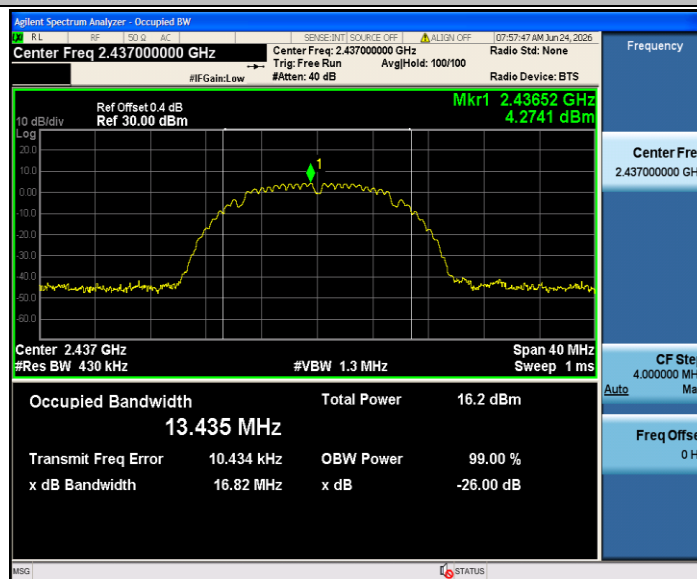
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.445	2405.2805	2418.7255	---	---
		2437	13.435	2430.2929	2443.7279	---	---
		2462	13.420	2455.3107	2468.7307	---	---
11G	Ant1	2412	16.910	2403.5657	2420.4757	---	---
		2437	16.776	2428.6216	2445.3976	---	---
		2462	16.856	2453.6404	2470.4964	---	---
11N20SISO	Ant1	2412	17.890	2403.0709	2420.9609	---	---
		2437	17.889	2428.0793	2445.9683	---	---
		2462	17.900	2453.1161	2471.0161	---	---
11N40SISO	Ant1	2422	36.155	2404.0637	2440.2187	---	---
		2437	36.030	2419.1269	2455.1569	---	---
		2452	36.064	2434.0910	2470.1550	---	---

Test Graphs

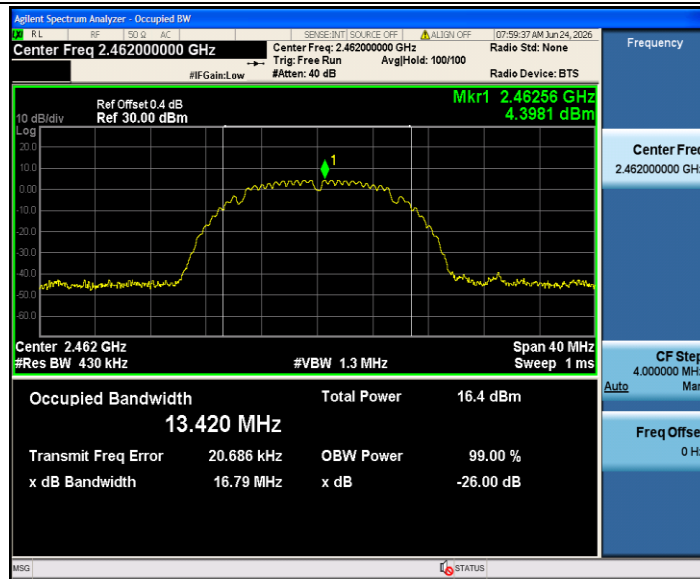
11B_Ant1_2412



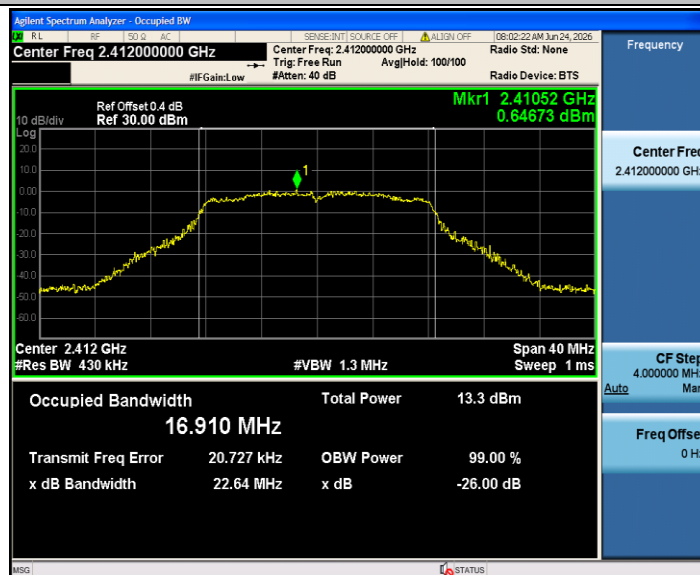
11B_Ant1_2437



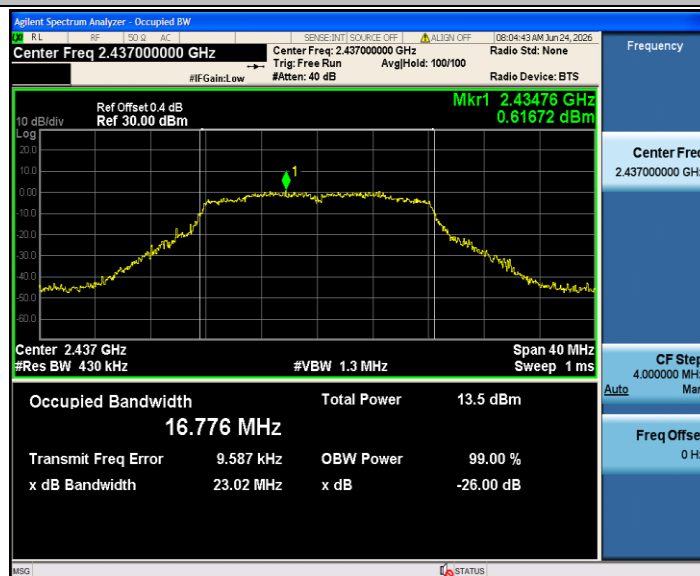
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



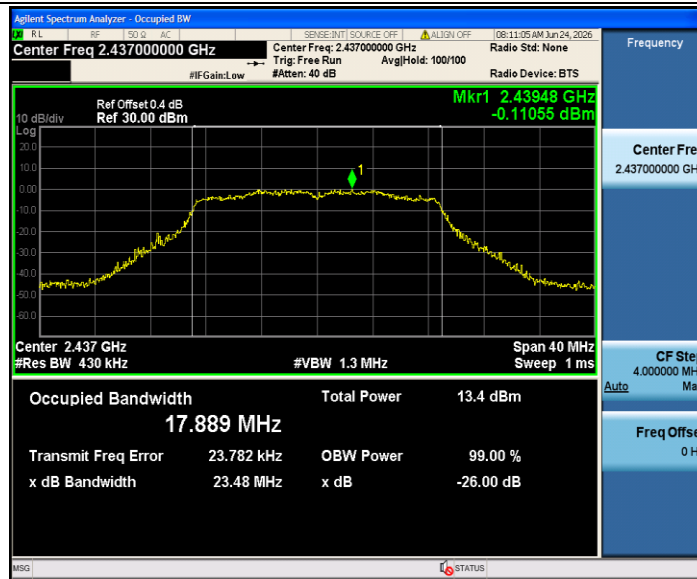
11G_Ant1_2462



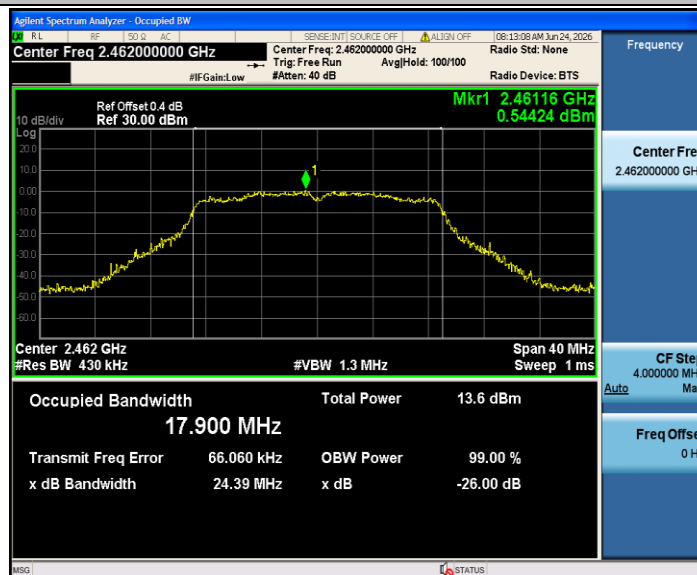
11N20SISO_Ant1_2412



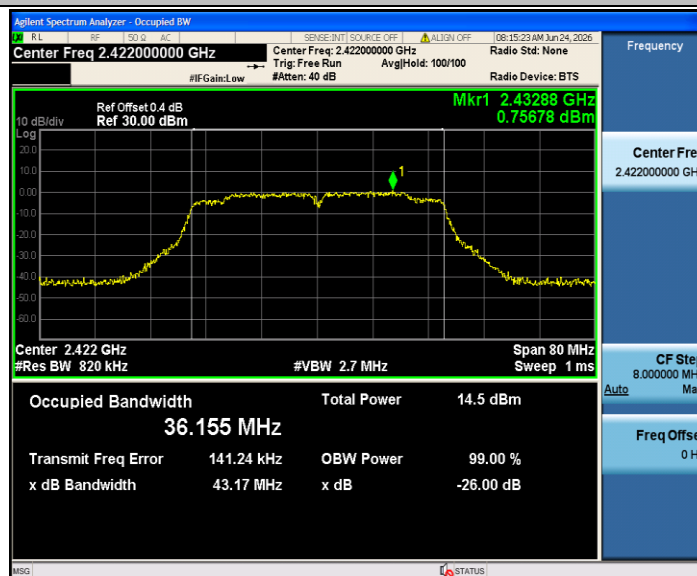
11N20SISO_Ant1_2437



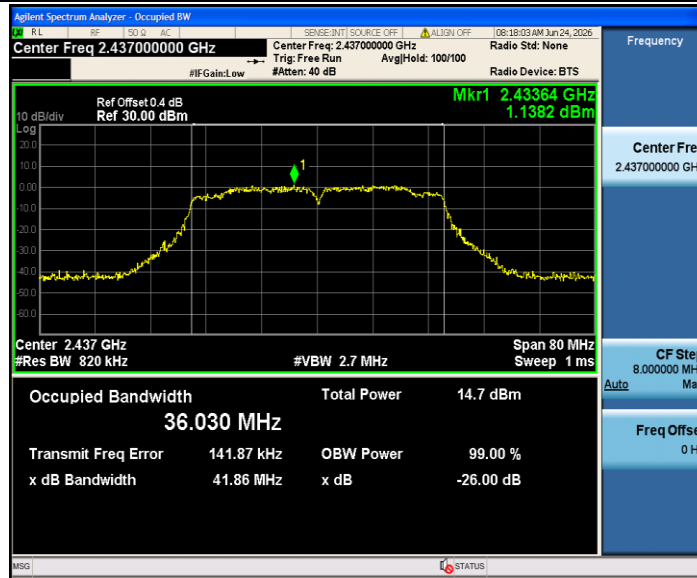
11N20SISO_Ant1_2462



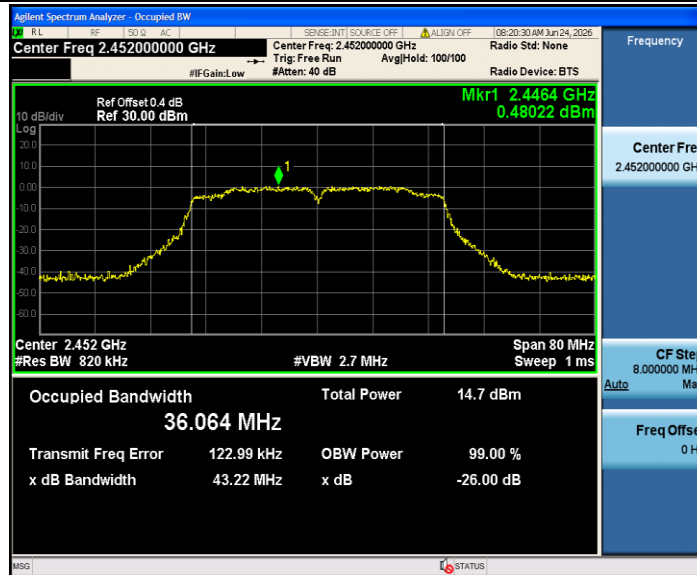
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.74	≤30.00	PASS
		2437	15.86	≤30.00	PASS
		2462	16.03	≤30.00	PASS
11G	Ant1	2412	14.40	≤30.00	PASS
		2437	14.39	≤30.00	PASS
		2462	14.57	≤30.00	PASS
11N20SISO	Ant1	2412	14.23	≤30.00	PASS
		2437	14.26	≤30.00	PASS
		2462	14.52	≤30.00	PASS
11N40SISO	Ant1	2422	14.59	≤30.00	PASS
		2437	14.69	≤30.00	PASS
		2452	14.73	≤30.00	PASS

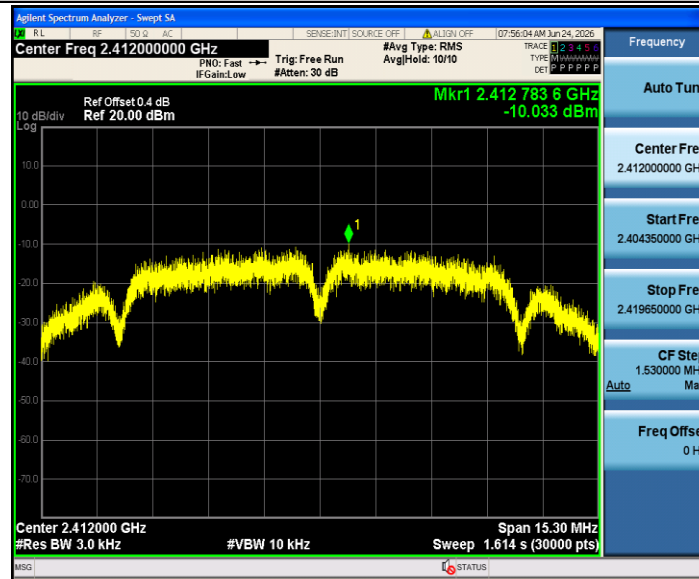
Appendix D: Maximum power spectral density

Test Result

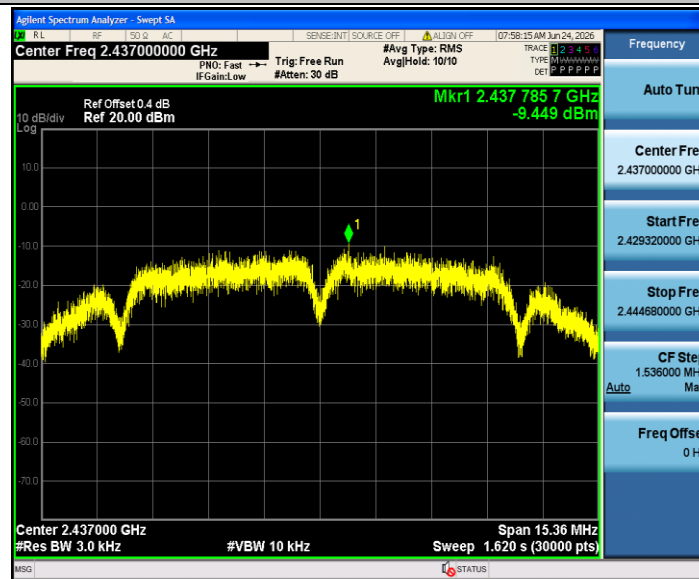
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.03	≤8.00	PASS
		2437	-9.45	≤8.00	PASS
		2462	-9.16	≤8.00	PASS
11G	Ant1	2412	-18.03	≤8.00	PASS
		2437	-17.73	≤8.00	PASS
		2462	-16.27	≤8.00	PASS
11N20SISO	Ant1	2412	-16.90	≤8.00	PASS
		2437	-17.45	≤8.00	PASS
		2462	-17.78	≤8.00	PASS
11N40SISO	Ant1	2422	-20.05	≤8.00	PASS
		2437	-20.25	≤8.00	PASS
		2452	-19.39	≤8.00	PASS

Test Graphs

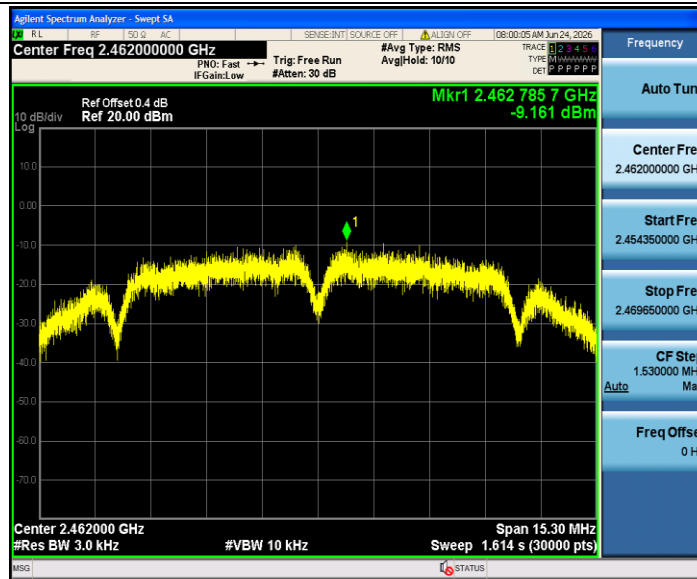
11B_Ant1_2412



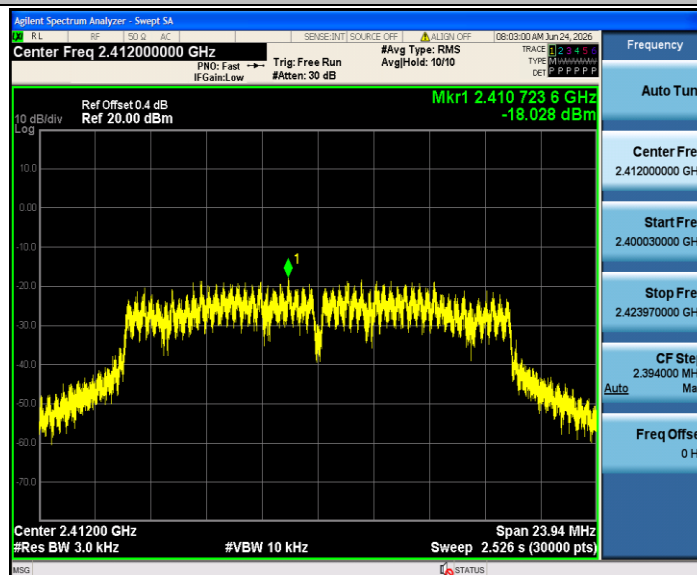
11B_Ant1_2437



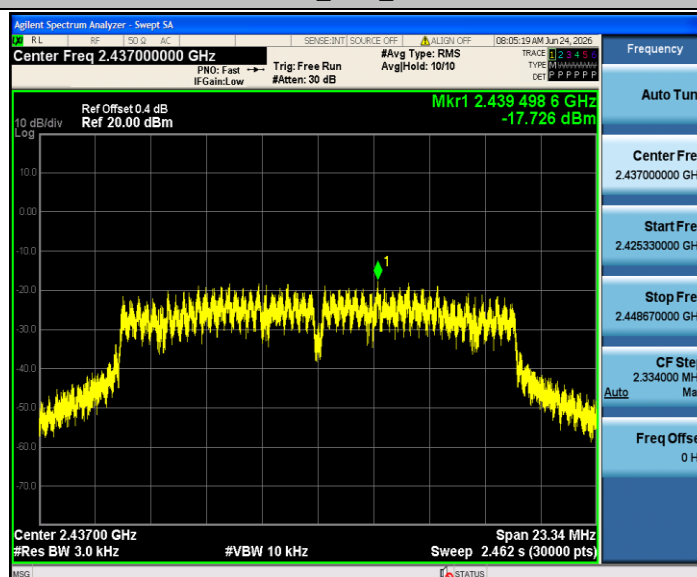
11B_Ant1_2462



11G_Ant1_2412



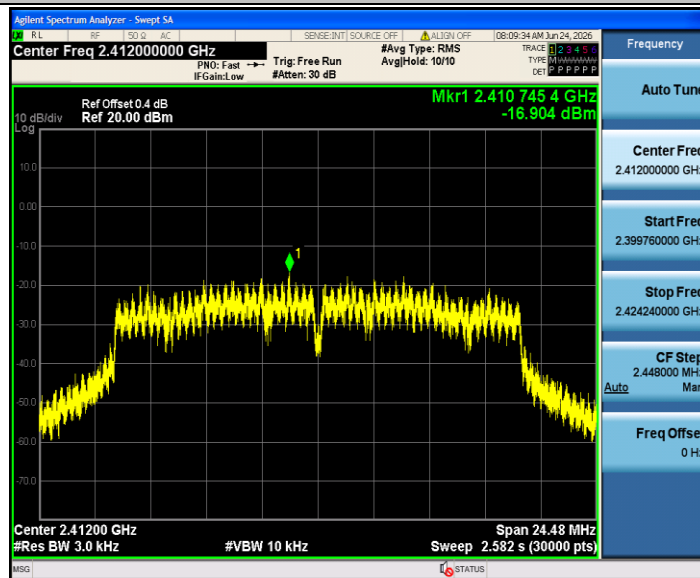
11G_Ant1_2437



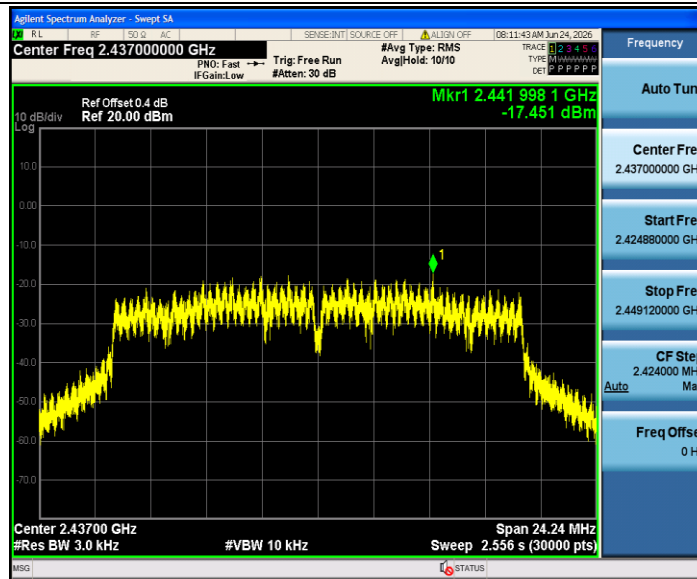
11G_Ant1_2462



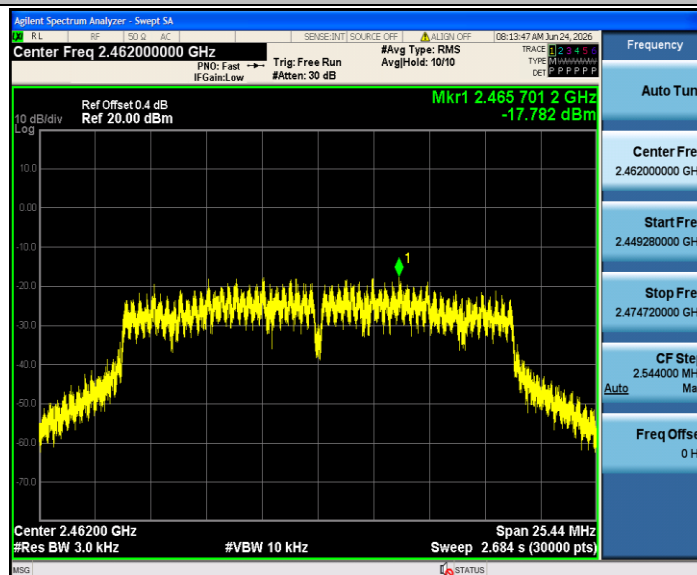
11N20SISO_Ant1_2412



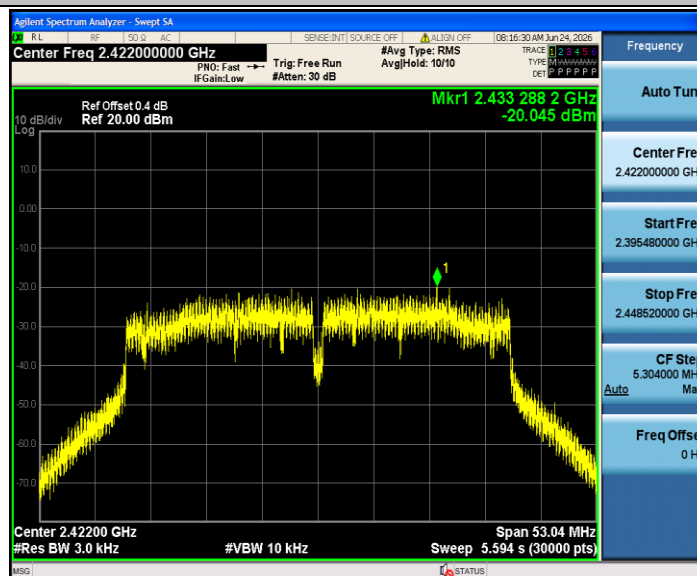
11N20SISO_Ant1_2437



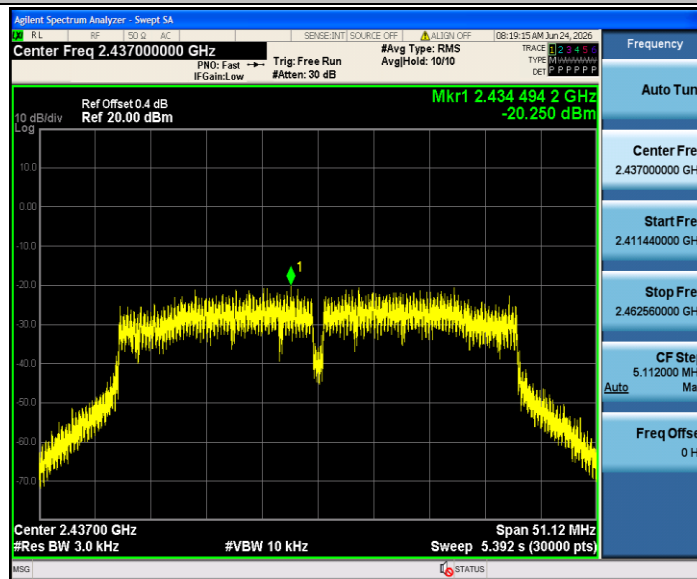
11N20SISO_Ant1_2462



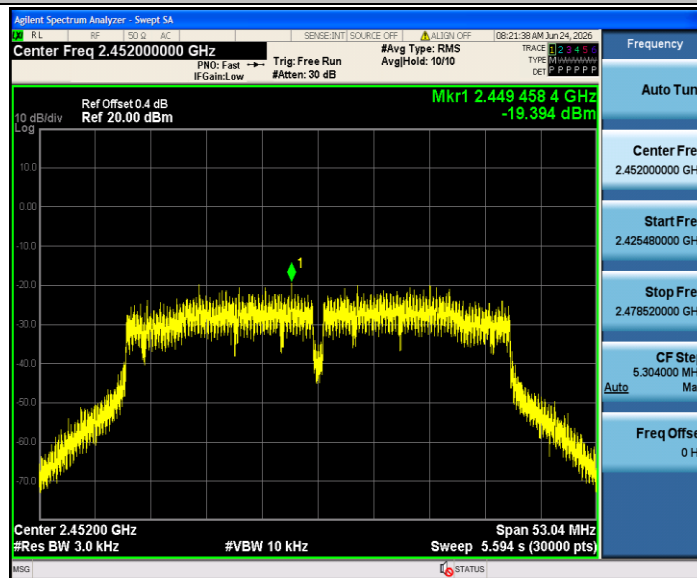
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



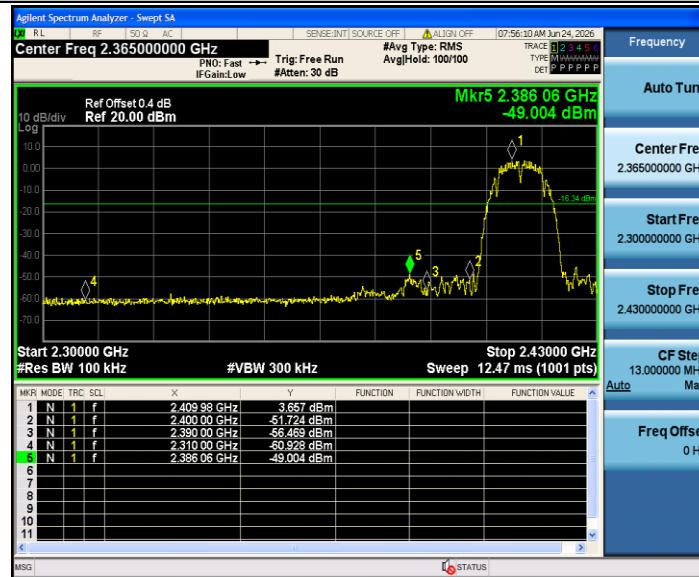
Appendix E: Band edge measurements

Test Result

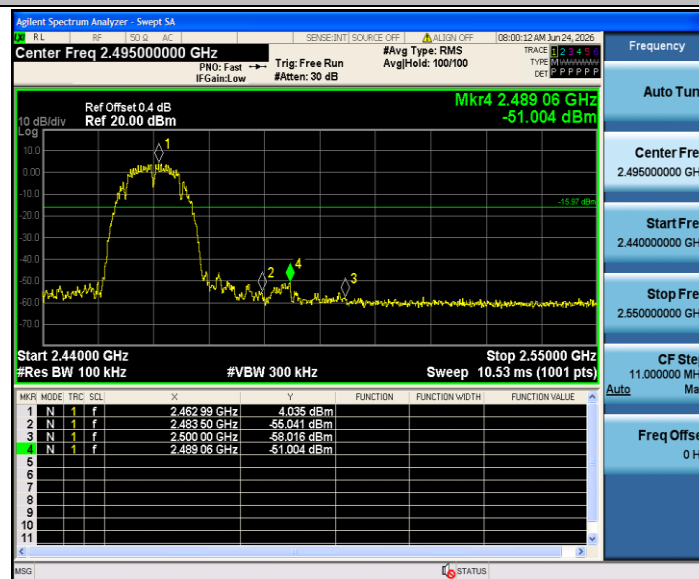
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.66	-49	≤-16.34	PASS
		High	2462	4.04	-51	≤-15.97	PASS
11G	Ant1	Low	2412	-2.15	-32.37	≤-22.15	PASS
		High	2462	-2.21	-57.43	≤-22.21	PASS
11N20SISO	Ant1	Low	2412	-2.17	-32.55	≤-22.17	PASS
		High	2462	-2.01	-57.81	≤-22.01	PASS
11N40SISO	Ant1	Low	2422	-5.21	-34.45	≤-25.21	PASS
		High	2452	-5.11	-56.74	≤-25.11	PASS

Test Graphs

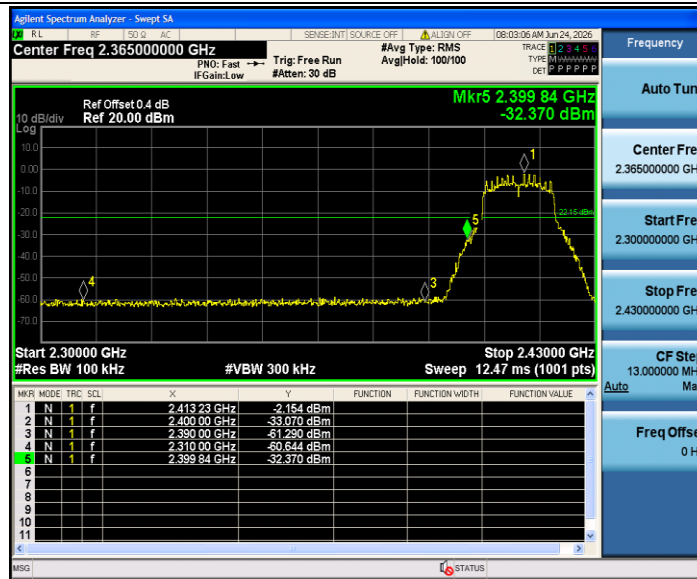
11B_Ant1_Low_2412



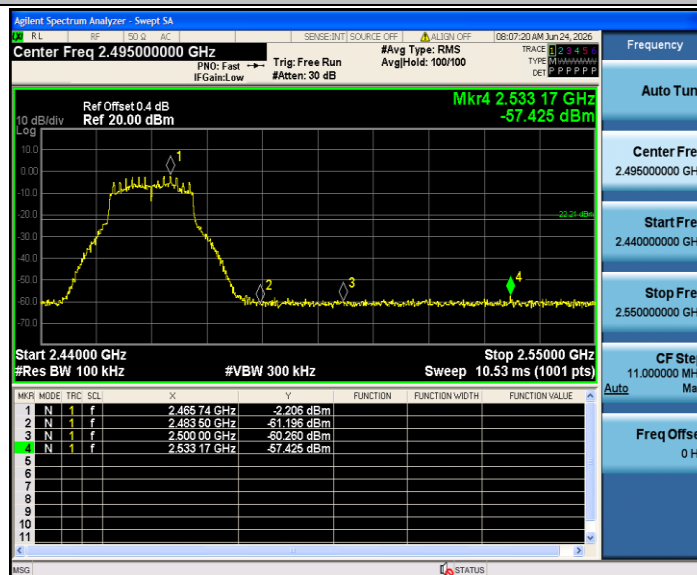
11B_Ant1_High_2462



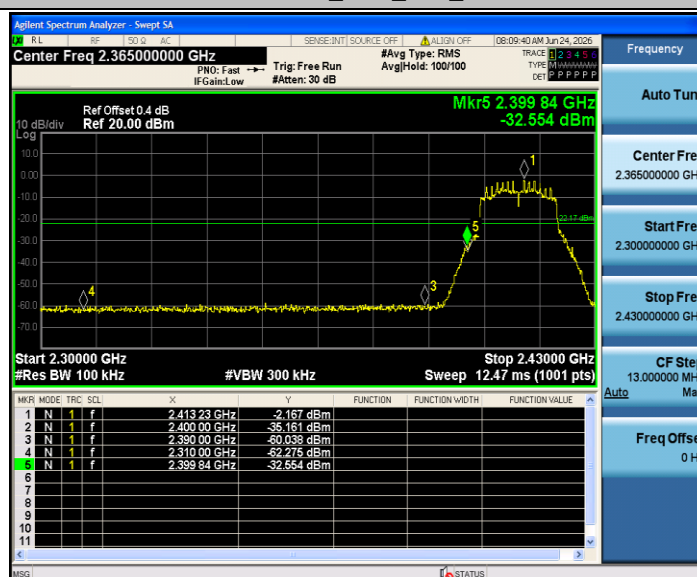
11G_Ant1_Low_2412



11G_Ant1_High_2462



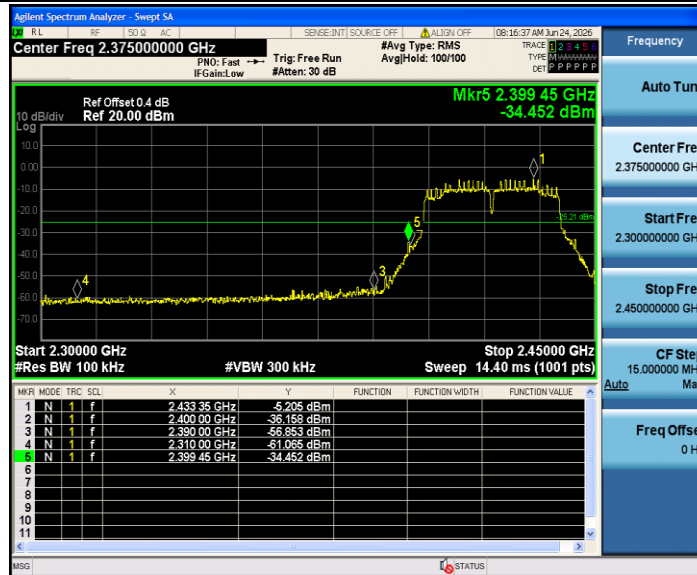
11N20SISO_Ant1_Low_2412



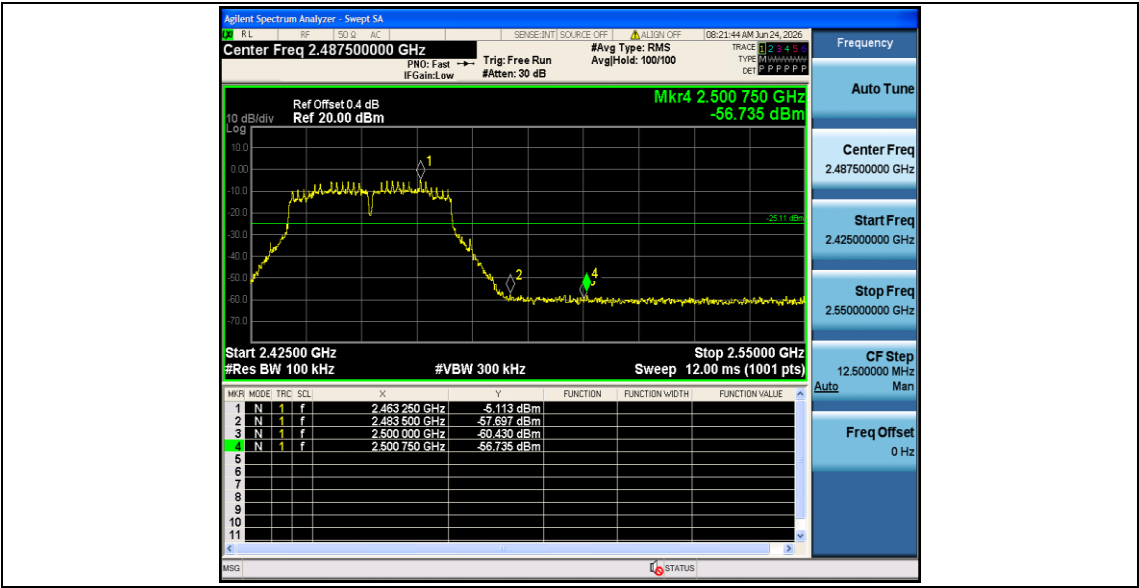
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix F: Conducted Spurious Emission

Test Result

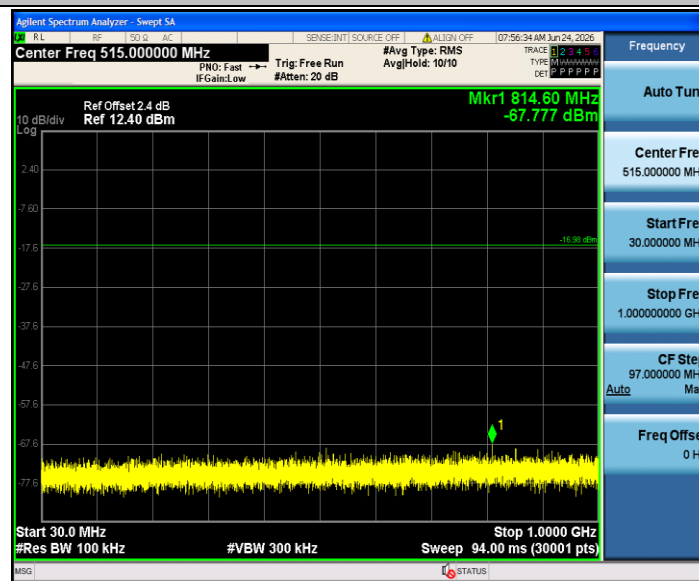
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.02	3.02	---	PASS
			30~1000	3.02	-67.78	≤-16.98	PASS
			1000~26500	3.02	-52.75	≤-16.98	PASS
		2437	Reference	2.61	2.61	---	PASS
			30~1000	2.61	-68.78	≤-17.39	PASS
			1000~26500	2.61	-52.73	≤-17.39	PASS
		2462	Reference	2.66	2.66	---	PASS
			30~1000	2.66	-68.79	≤-17.34	PASS
			1000~26500	2.66	-53.07	≤-17.34	PASS
11G	Ant1	2412	Reference	-3.37	-3.37	---	PASS
			30~1000	-3.37	-69.1	≤-23.37	PASS
			1000~26500	-3.37	-56.69	≤-23.37	PASS
		2437	Reference	-3.04	-3.04	---	PASS
			30~1000	-3.04	-68.82	≤-23.04	PASS
			1000~26500	-3.04	-56.79	≤-23.04	PASS
		2462	Reference	-2.32	-2.32	---	PASS
			30~1000	-2.32	-68.46	≤-22.32	PASS
			1000~26500	-2.32	-56.29	≤-22.32	PASS
11N20SISO	Ant1	2412	Reference	-3.16	-3.16	---	PASS
			30~1000	-3.16	-69.48	≤-23.16	PASS
			1000~26500	-3.16	-56.44	≤-23.16	PASS
		2437	Reference	-2.76	-2.76	---	PASS
			30~1000	-2.76	-68.84	≤-22.76	PASS
			1000~26500	-2.76	-57.33	≤-22.76	PASS
		2462	Reference	-2.36	-2.36	---	PASS
			30~1000	-2.36	-68.46	≤-22.36	PASS
			1000~26500	-2.36	-56.72	≤-22.36	PASS
11N40SISO	Ant1	2422	Reference	-5.53	-5.53	---	PASS
			30~1000	-5.53	-69.51	≤-25.53	PASS
			1000~26500	-5.53	-57.2	≤-25.53	PASS
		2437	Reference	-5.41	-5.41	---	PASS
			30~1000	-5.41	-68.8	≤-25.41	PASS
			1000~26500	-5.41	-56.09	≤-25.41	PASS
		2452	Reference	-5.83	-5.83	---	PASS
			30~1000	-5.83	-69.4	≤-25.83	PASS
			1000~26500	-5.83	-55.93	≤-25.83	PASS

Test Graphs

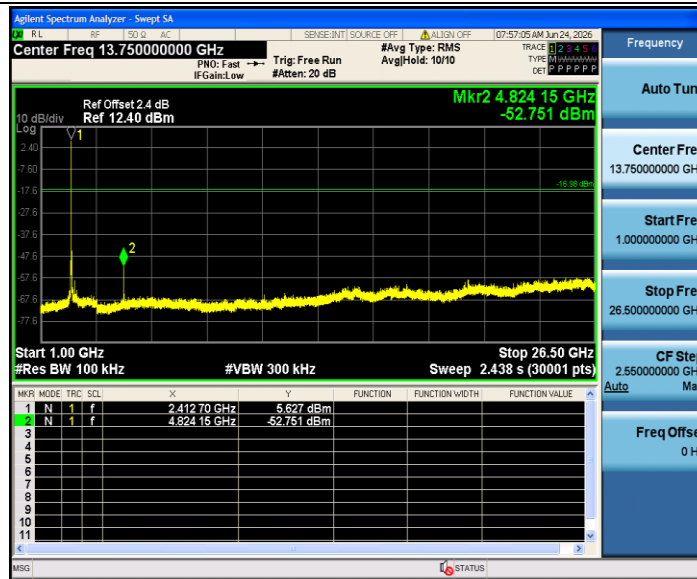
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



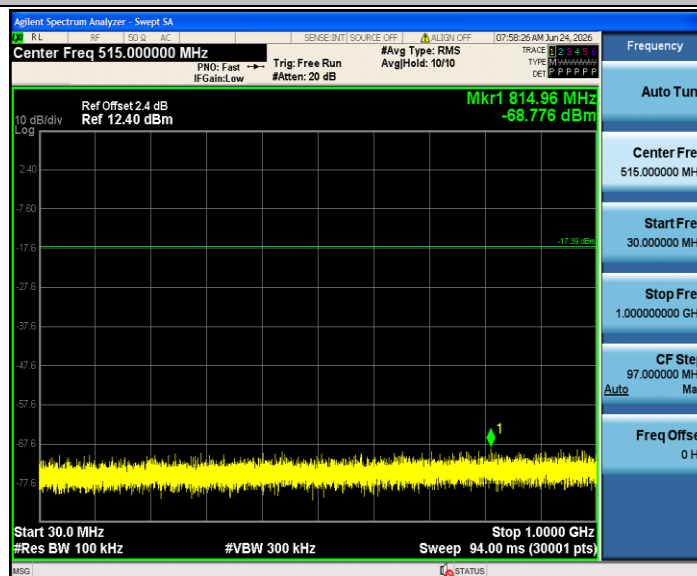
11B_Ant1_2412_1000~26500



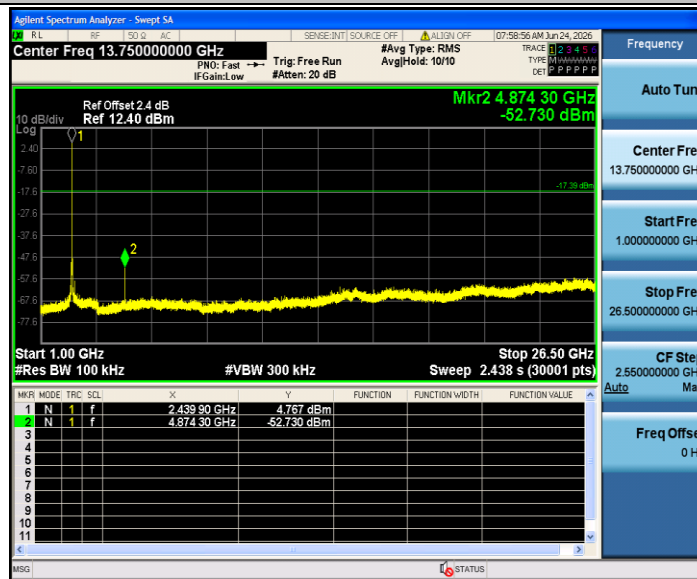
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



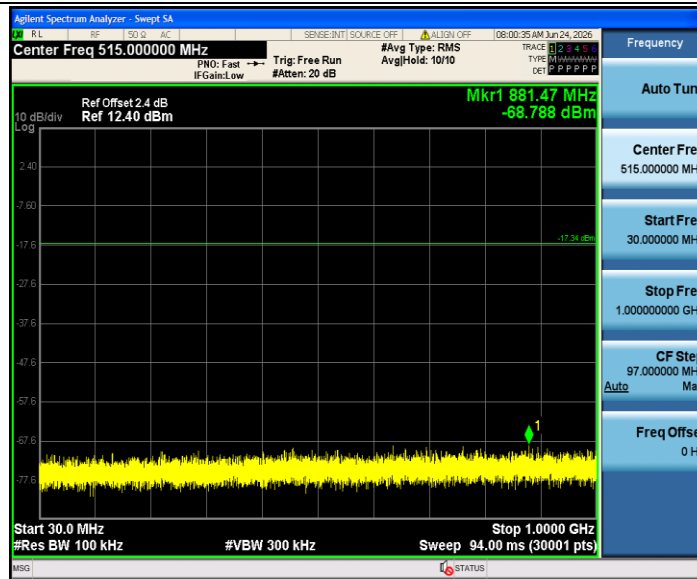
11B_Ant1_2437_1000~26500



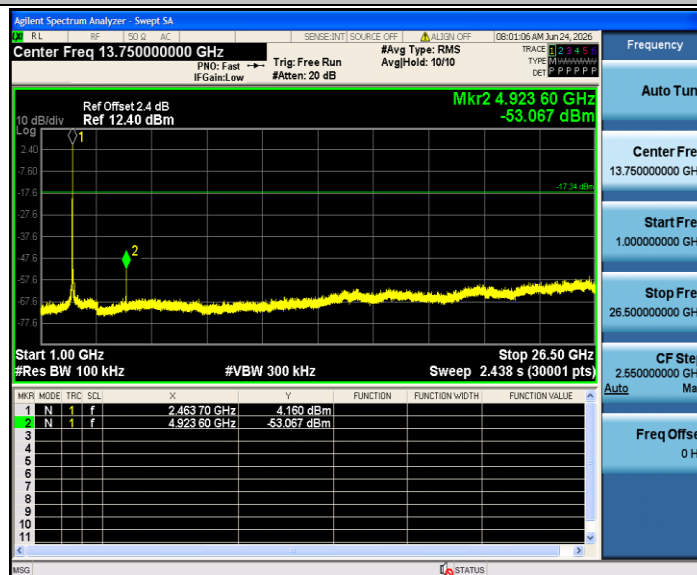
11B_Ant1_2462_0~Reference



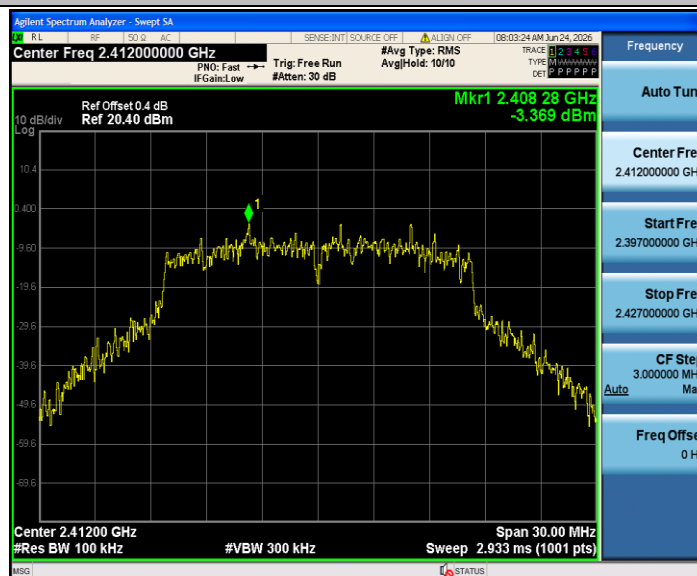
11B_Ant1_2462_30~1000



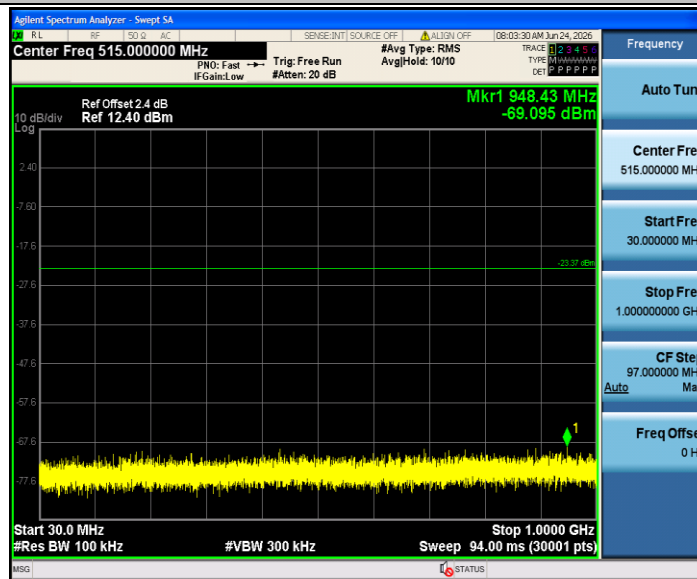
11B_Ant1_2462_1000~26500



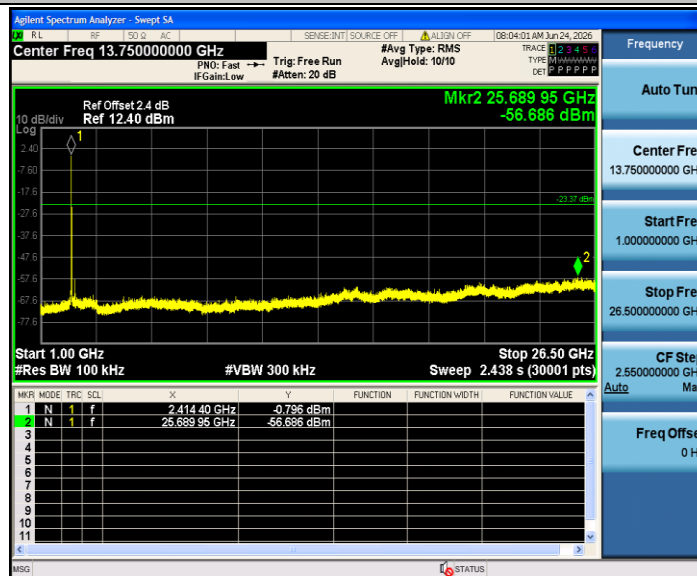
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



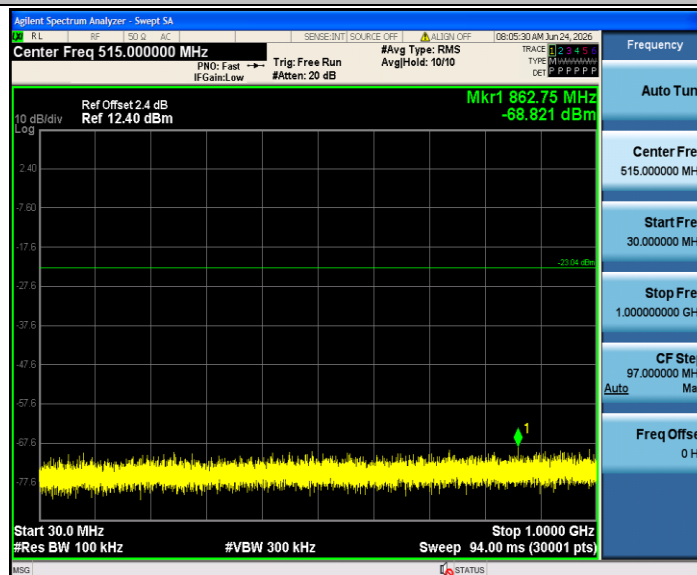
11G_Ant1_2412_1000~26500



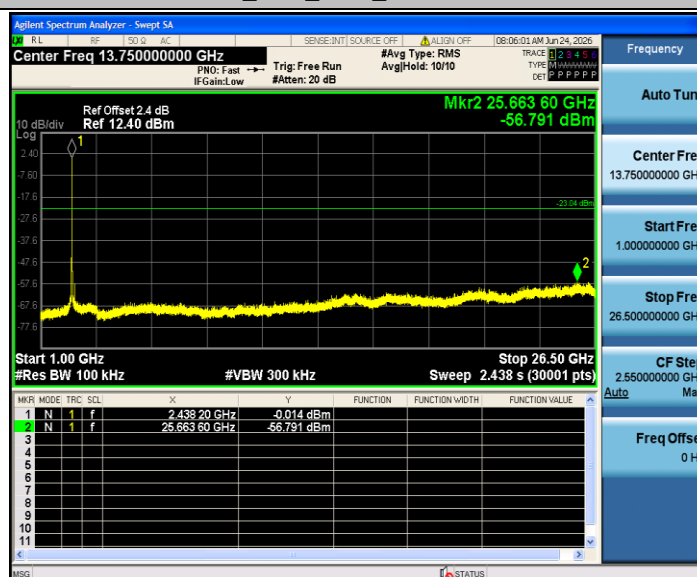
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



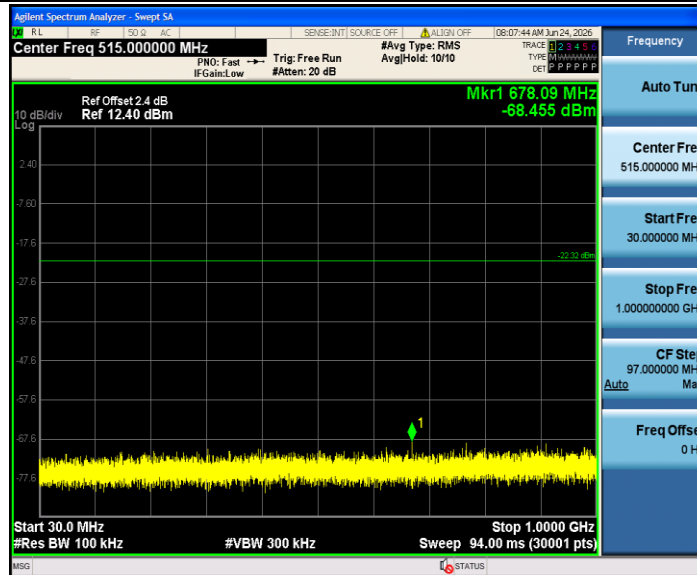
11G_Ant1_2437_1000~26500



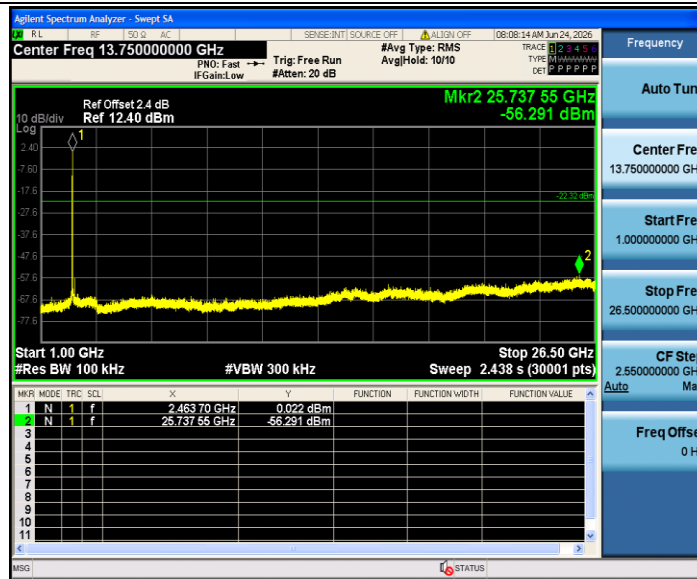
11G_Ant1_2462_0~Reference



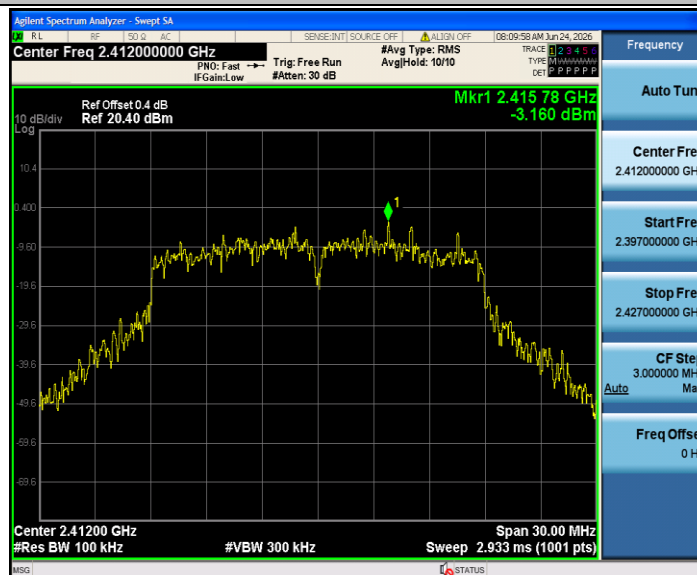
11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000

