

11N40SISO_Ant2_2437



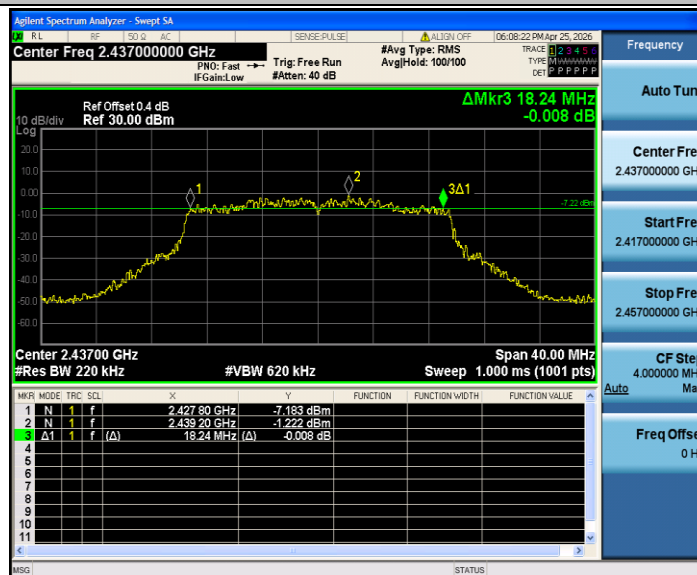
11N40SISO_Ant2_2452



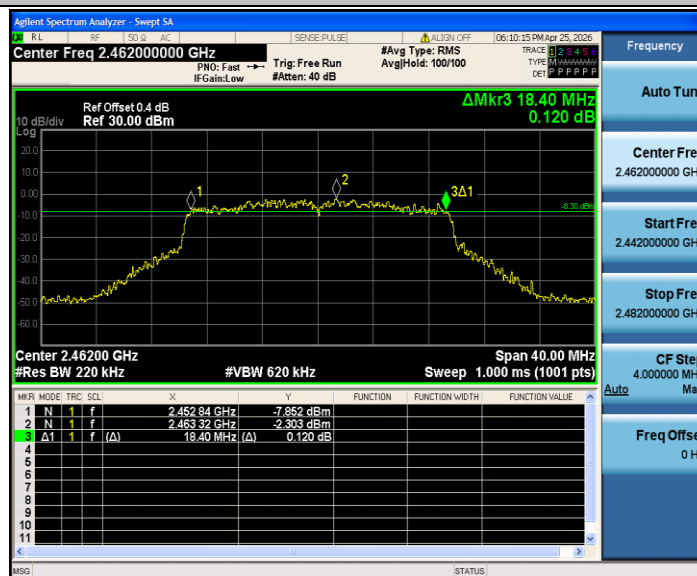
11AX20SISO_Ant2_2412



11AX20SISO_Ant2_2437



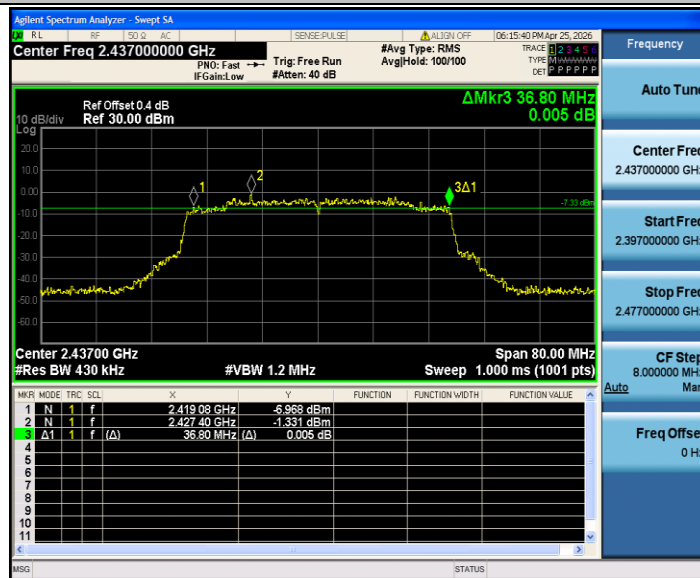
11AX20SISO_Ant2_2462



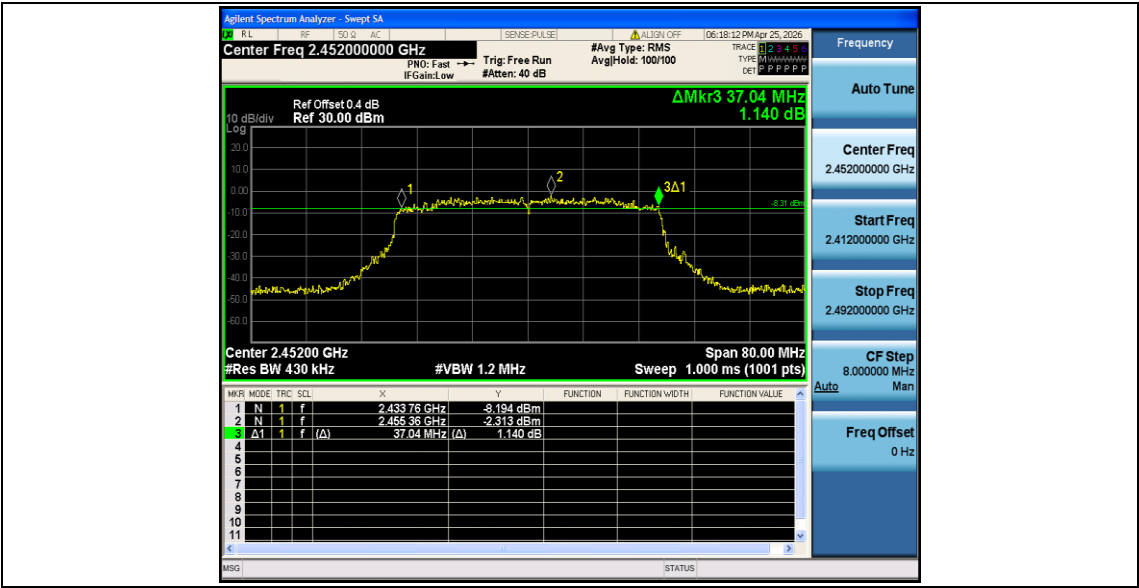
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



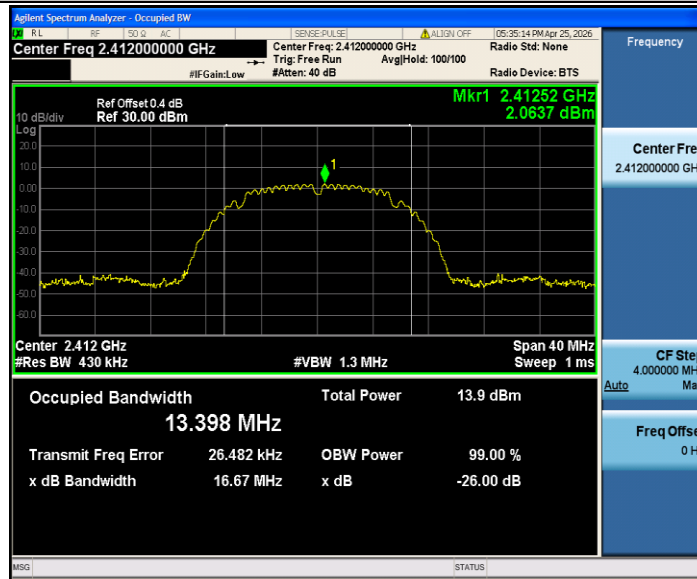
Appendix B: Occupied Channel Bandwidth

Test Result

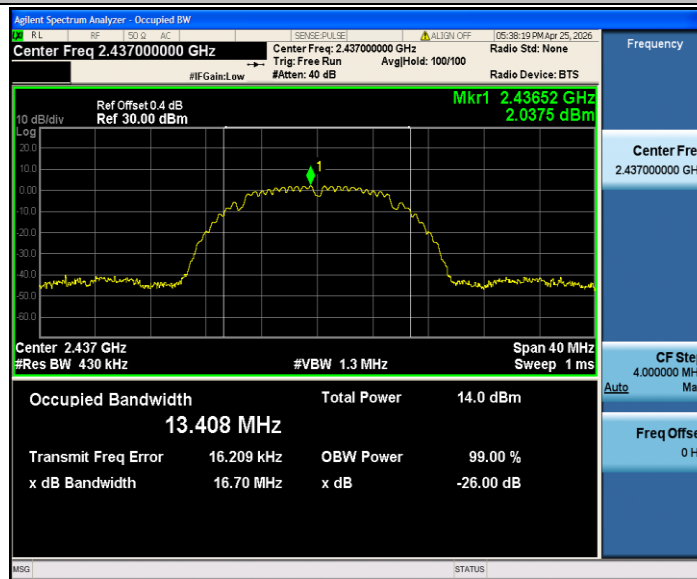
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.398	2405.3275	2418.7255	---	---
		2437	13.408	2430.3122	2443.7202	---	---
		2462	13.414	2455.3074	2468.7214	---	---
11G	Ant2	2412	16.885	2403.5566	2420.4416	---	---
		2437	16.894	2428.6090	2445.5030	---	---
		2462	16.872	2453.5848	2470.4568	---	---
11N20SISO	Ant2	2412	17.859	2403.0875	2420.9465	---	---
		2437	17.841	2428.0912	2445.9322	---	---
		2462	17.911	2453.0375	2470.9485	---	---
11N40SISO	Ant2	2422	36.099	2404.0836	2440.1826	---	---
		2437	36.063	2419.1094	2455.1724	---	---
		2452	36.026	2434.0941	2470.1201	---	---
11AX20SISO	Ant2	2412	18.972	2402.5519	2421.5239	---	---
		2437	18.927	2427.5393	2446.4663	---	---
		2462	18.953	2452.5443	2471.4973	---	---
11AX40SISO	Ant2	2422	37.590	2403.3528	2440.9428	---	---
		2437	37.603	2418.3428	2455.9458	---	---
		2452	37.512	2433.4123	2470.9243	---	---

Test Graphs

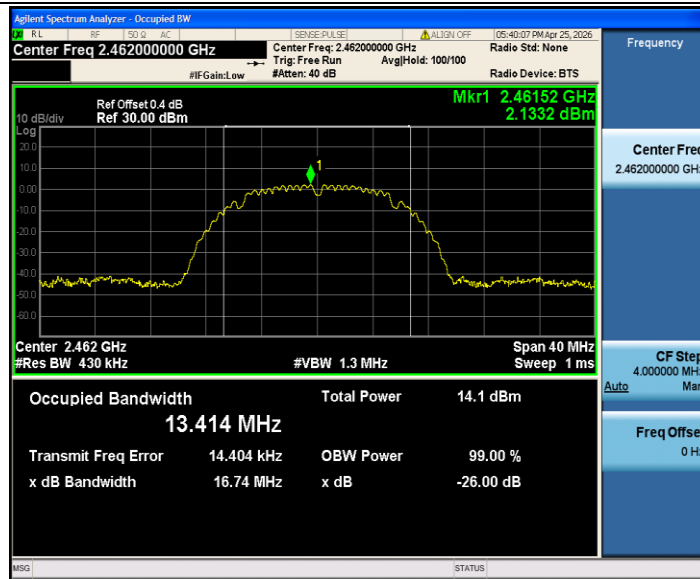
11B_Ant2_2412



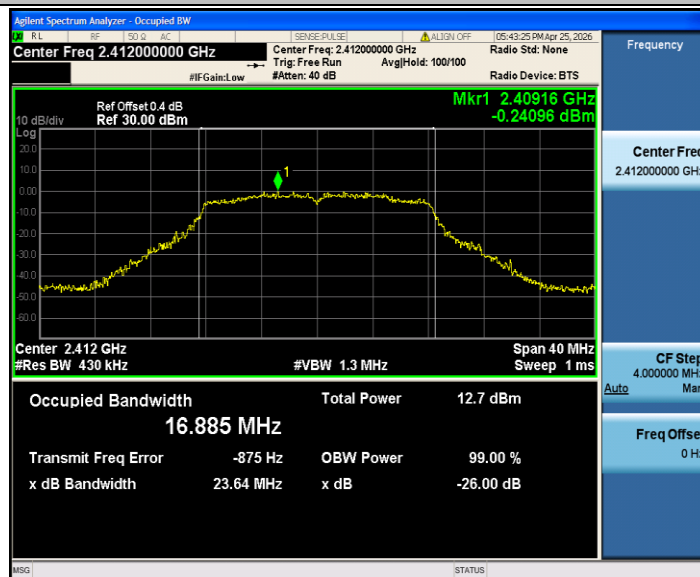
11B_Ant2_2437



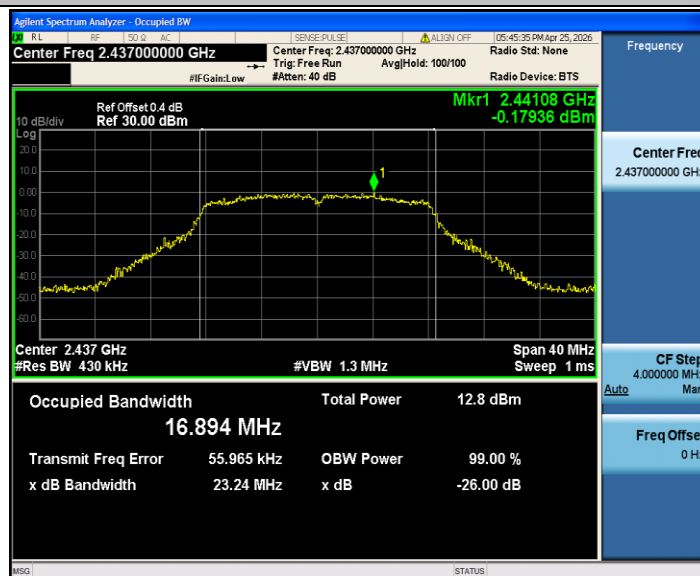
11B_Ant2_2462



11G_Ant2_2412



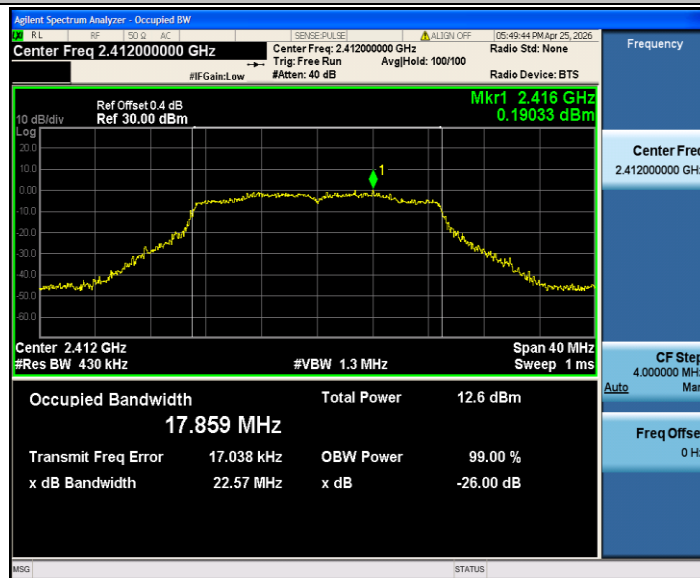
11G_Ant2_2437



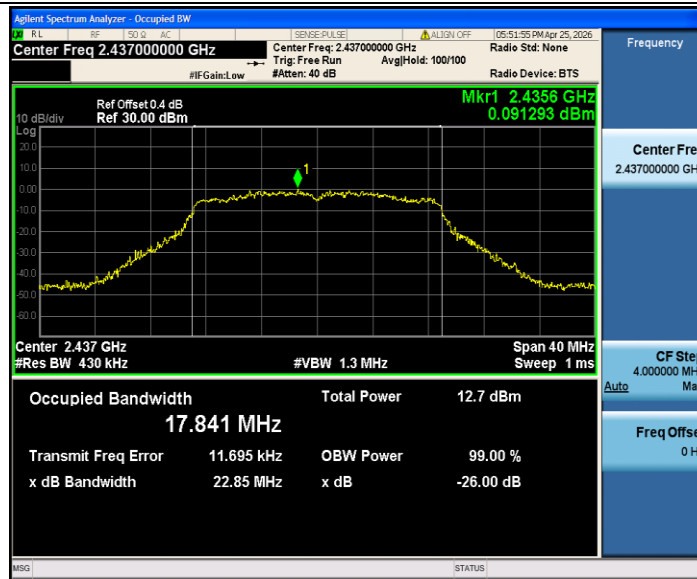
11G_Ant2_2462



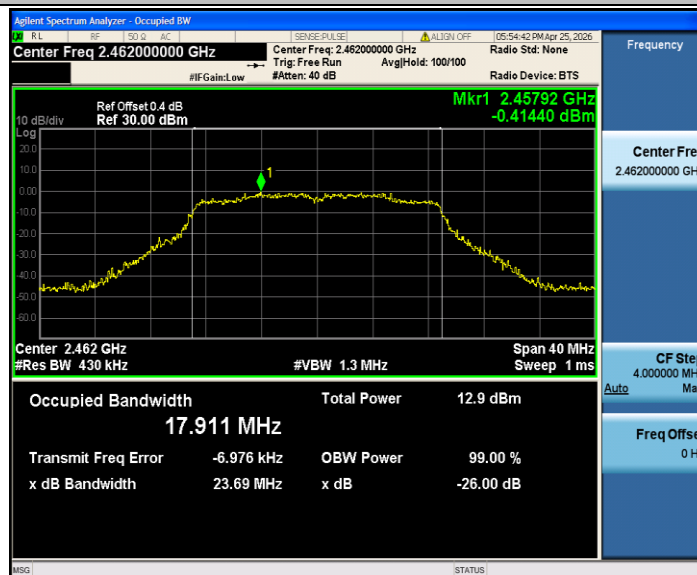
11N20SISO_Ant2_2412



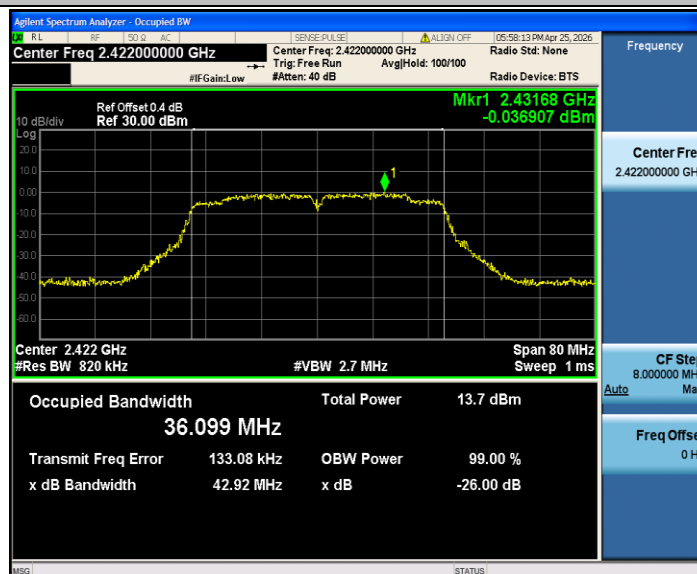
11N20SISO_Ant2_2437



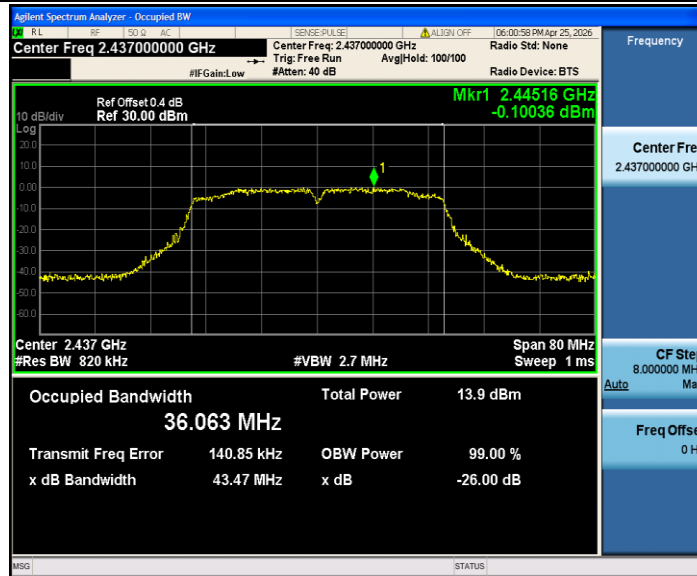
11N20SISO_Ant2_2462



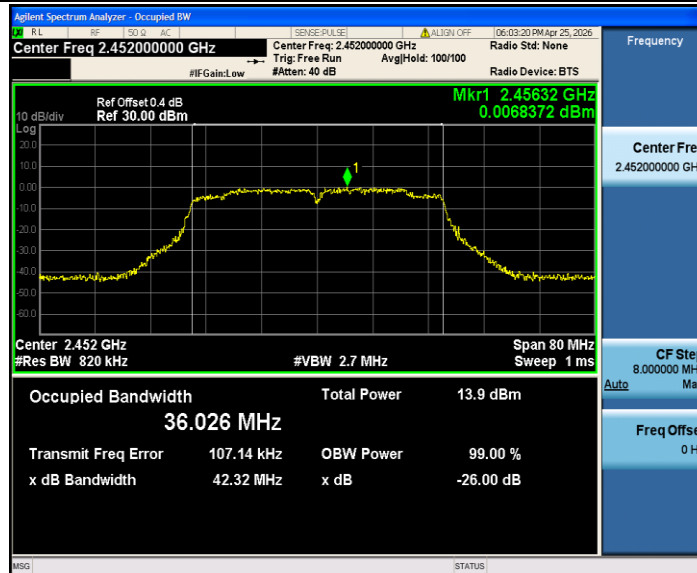
11N40SISO_Ant2_2422



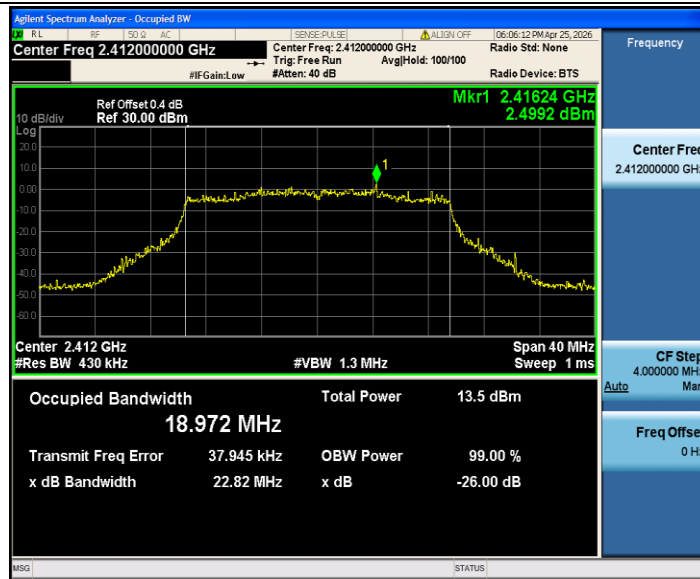
11N40SISO_Ant2_2437



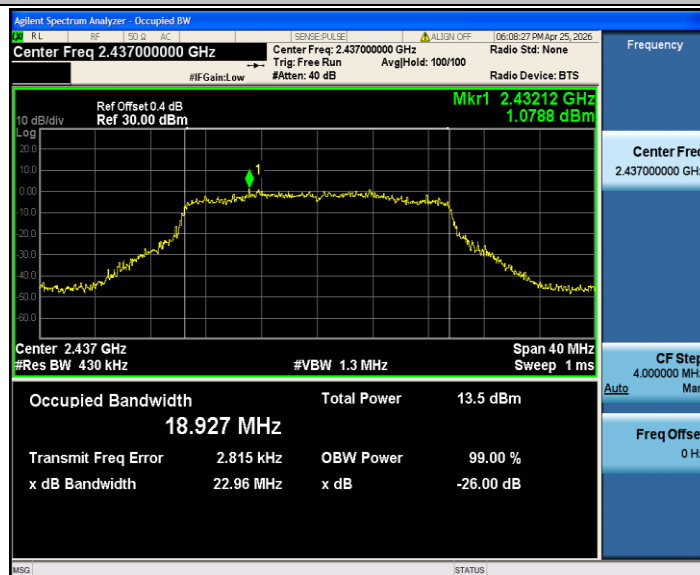
11N40SISO_Ant2_2452



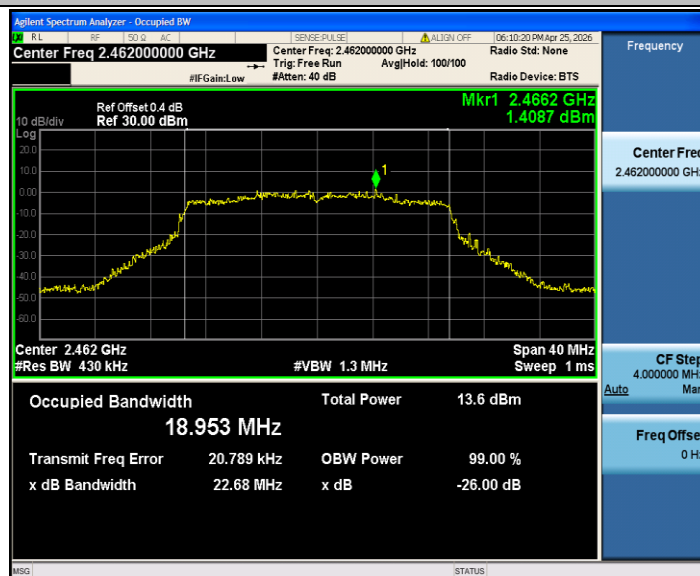
11AX20SISO_Ant2_2412



11AX20ISO_Ant2_2437



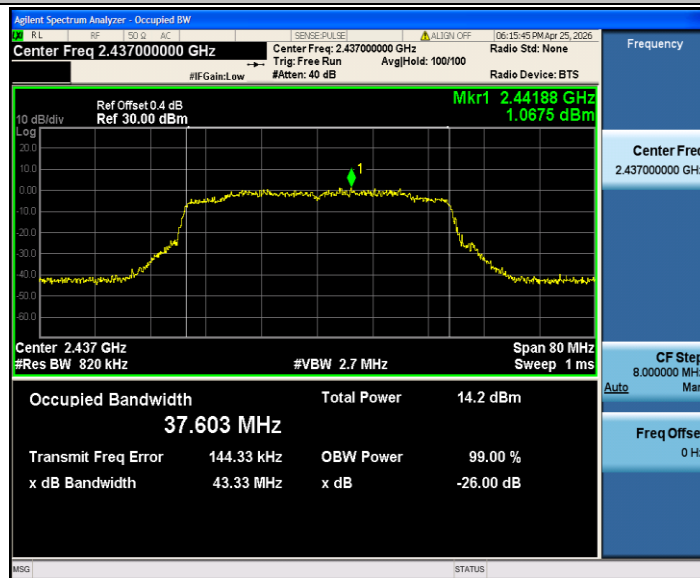
11AX20ISO_Ant2_2462



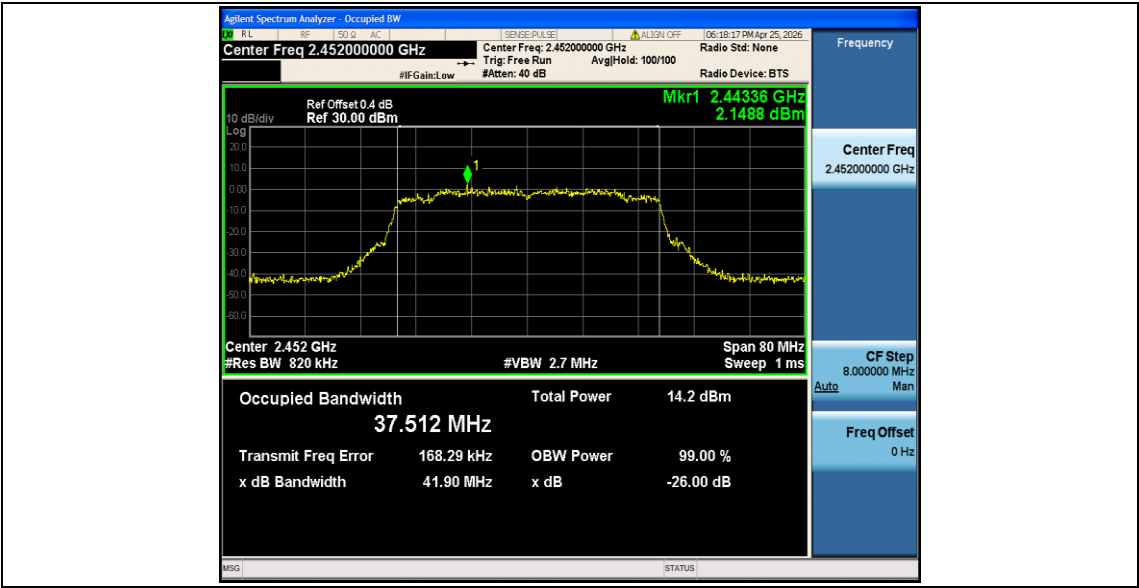
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	13.50	≤30.00	PASS
		2437	13.68	≤30.00	PASS
		2462	13.79	≤30.00	PASS
11G	Ant2	2412	13.60	≤30.00	PASS
		2437	13.72	≤30.00	PASS
		2462	13.82	≤30.00	PASS
11N20SISO	Ant2	2412	13.44	≤30.00	PASS
		2437	13.73	≤30.00	PASS
		2462	13.76	≤30.00	PASS
11N40SISO	Ant2	2422	13.87	≤30.00	PASS
		2437	14.24	≤30.00	PASS
		2452	14.06	≤30.00	PASS
11AX20SISO	Ant2	2412	13.75	≤30.00	PASS
		2437	14.00	≤30.00	PASS
		2462	14.22	≤30.00	PASS
11AX40SISO	Ant2	2422	14.02	≤30.00	PASS
		2437	14.35	≤30.00	PASS
		2452	14.16	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-12.76	≤8.00	PASS
		2437	-12.30	≤8.00	PASS
		2462	-12.38	≤8.00	PASS
11G	Ant2	2412	-17.96	≤8.00	PASS
		2437	-17.51	≤8.00	PASS
		2462	-16.89	≤8.00	PASS
11N20SISO	Ant2	2412	-18.36	≤8.00	PASS
		2437	-17.89	≤8.00	PASS
		2462	-17.32	≤8.00	PASS
11N40SISO	Ant2	2422	-21.00	≤8.00	PASS
		2437	-19.54	≤8.00	PASS
		2452	-20.67	≤8.00	PASS
11AX20SISO	Ant2	2412	-19.45	≤8.00	PASS
		2437	-19.58	≤8.00	PASS
		2462	-18.76	≤8.00	PASS
11AX40SISO	Ant2	2422	-22.39	≤8.00	PASS
		2437	-21.68	≤8.00	PASS
		2452	-21.51	≤8.00	PASS

Test Graphs

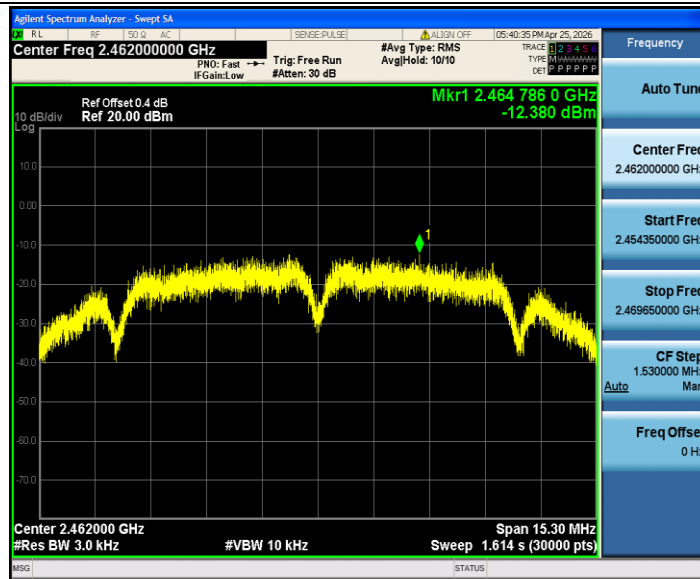
11B_Ant2_2412



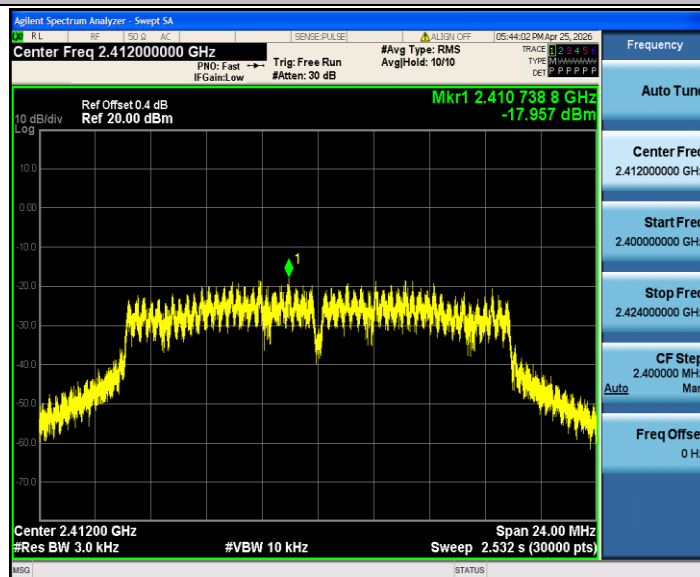
11B_Ant2_2437



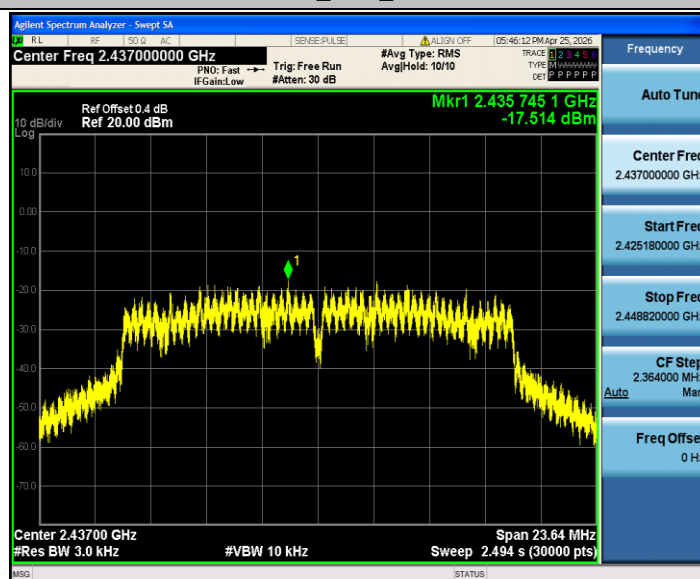
11B_Ant2_2462



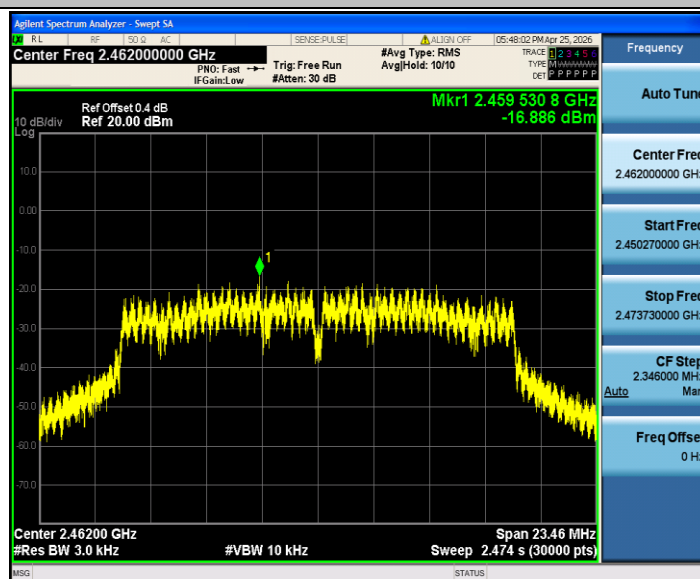
11G_Ant2_2412



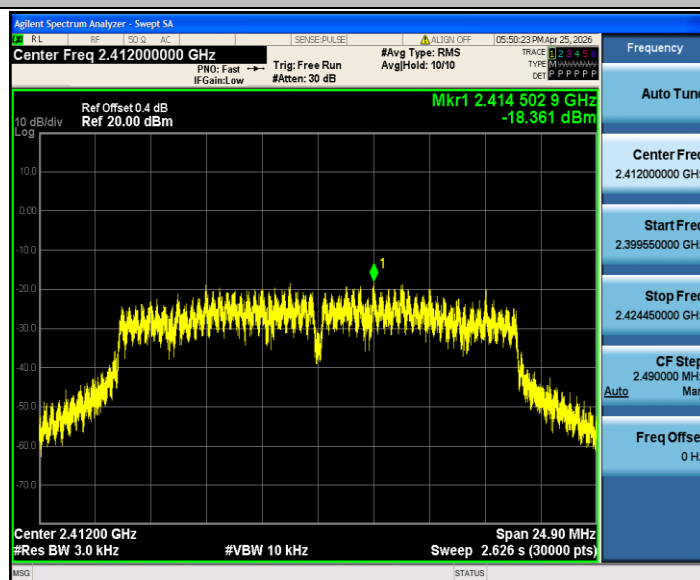
11G_Ant2_2437



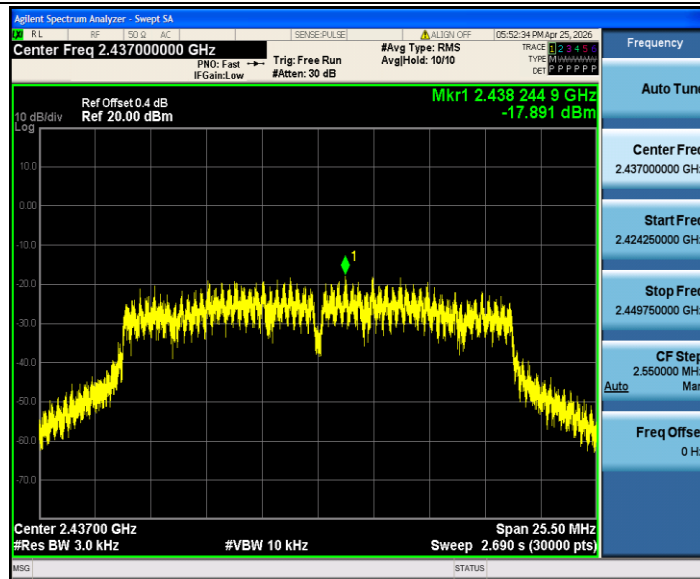
11G_Ant2_2462



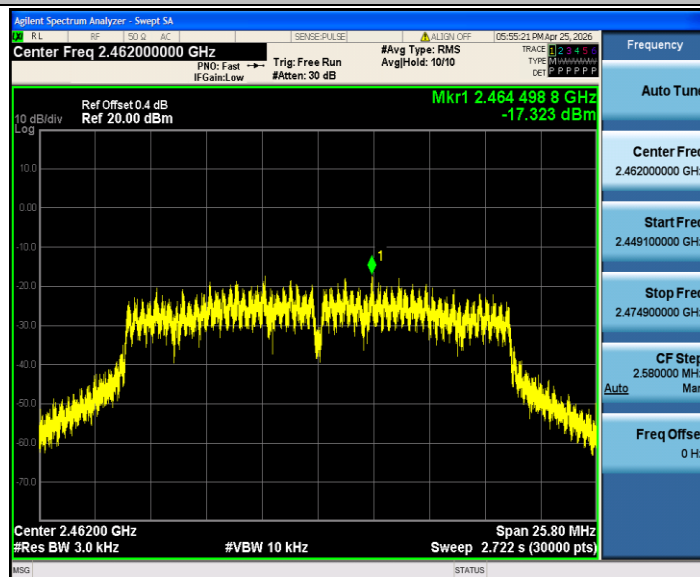
11N20SISO_Ant2_2412



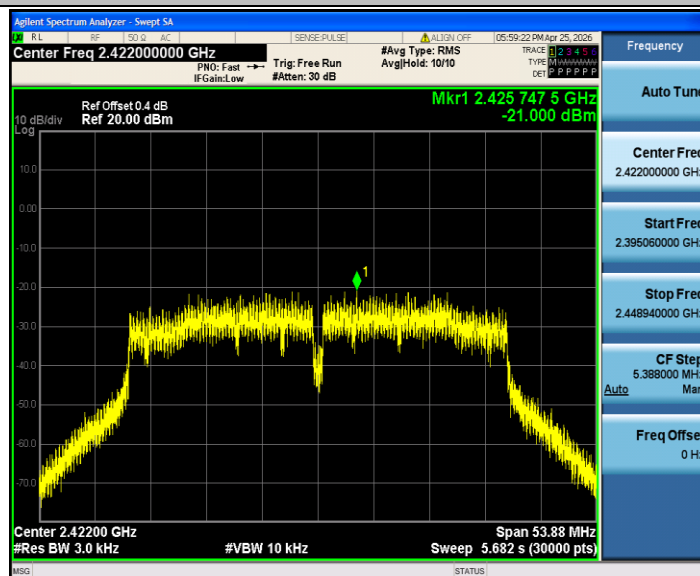
11N20SISO_Ant2_2437



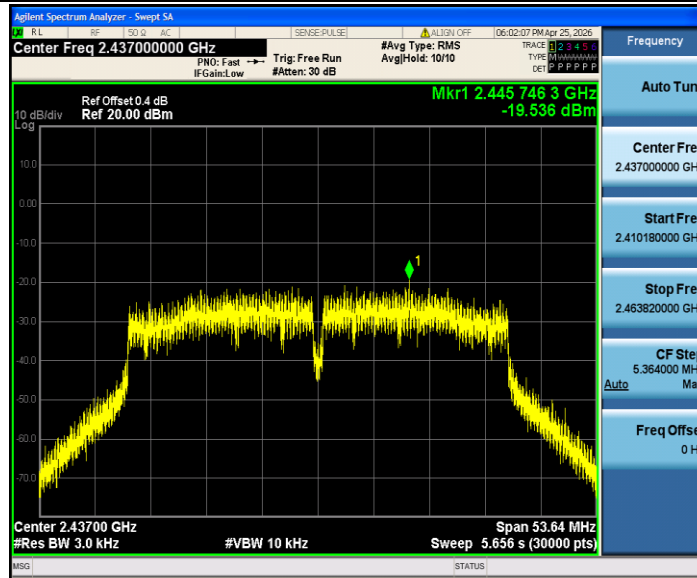
11N20SISO_Ant2_2462



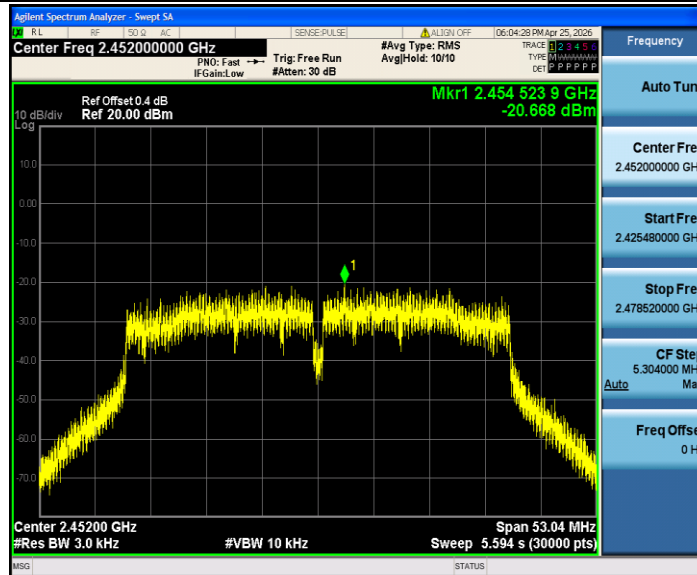
11N40SISO_Ant2_2422



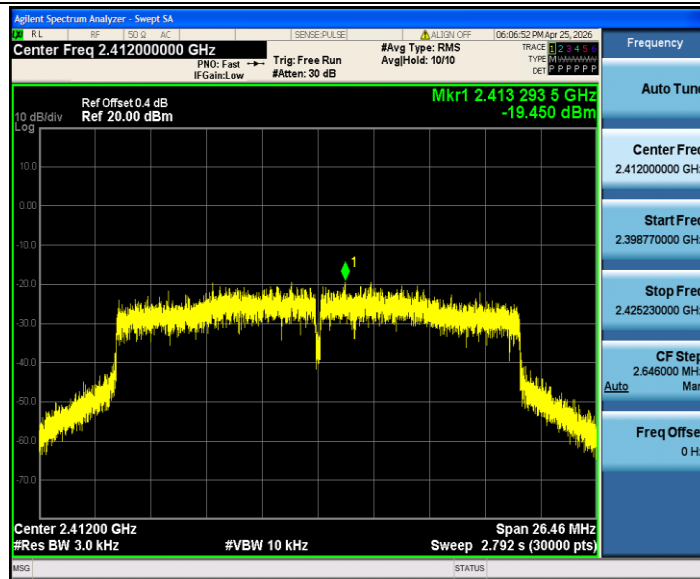
11N40SISO_Ant2_2437



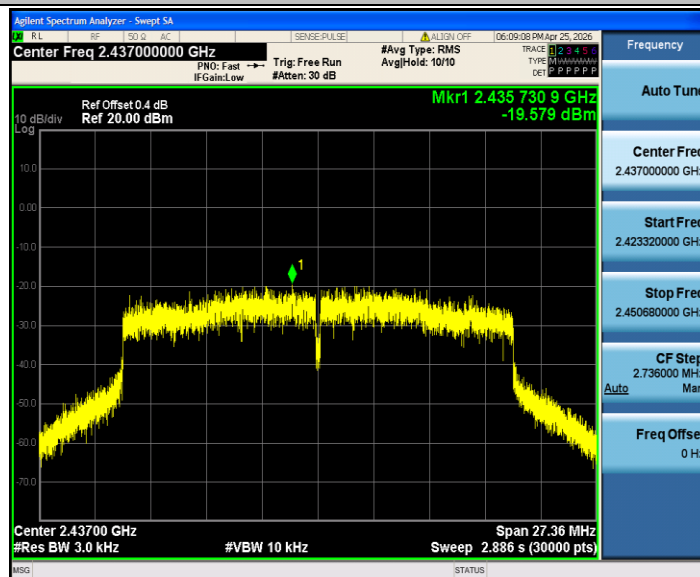
11N40SISO_Ant2_2452



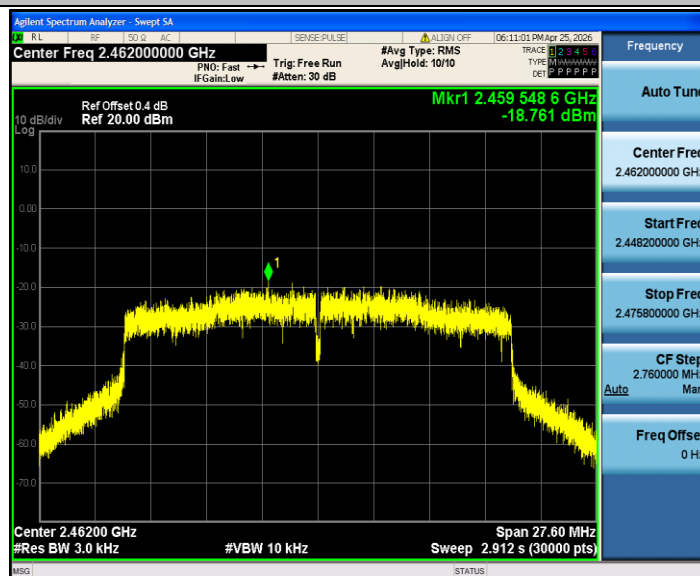
11AX20SISO_Ant2_2412



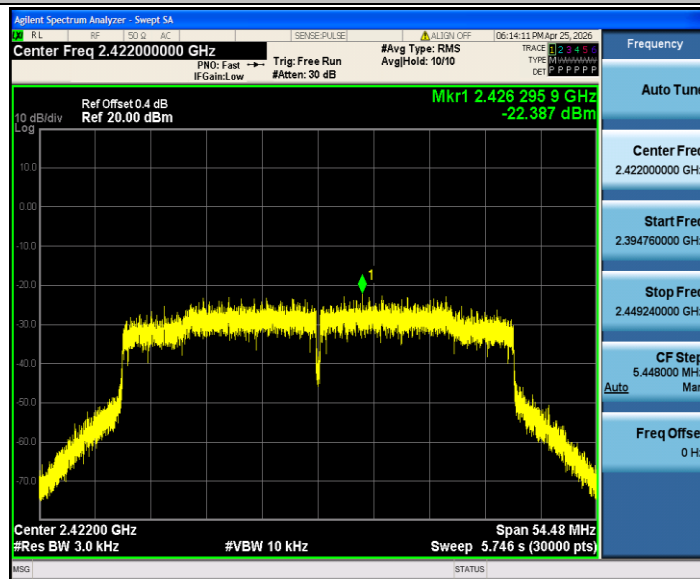
11AX20ISO_Ant2_2437



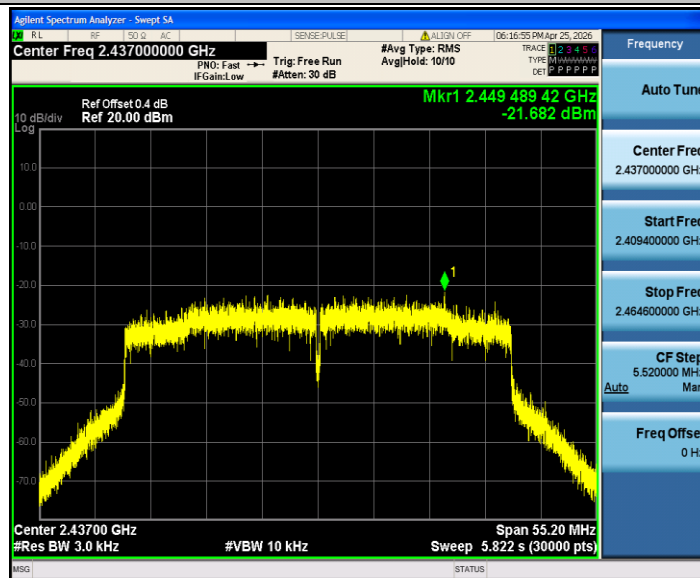
11AX20ISO_Ant2_2462



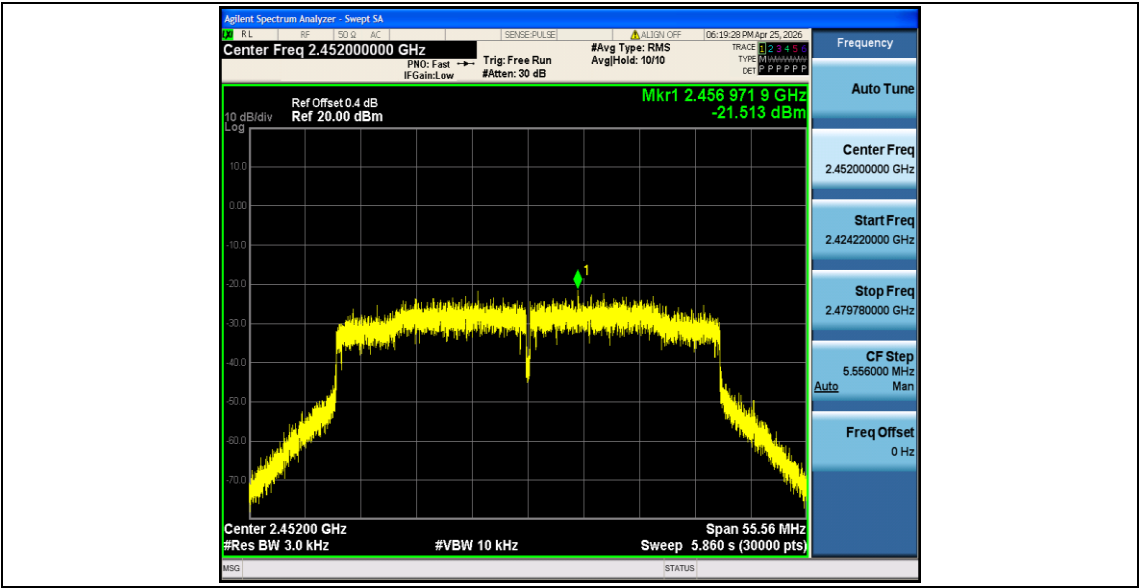
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



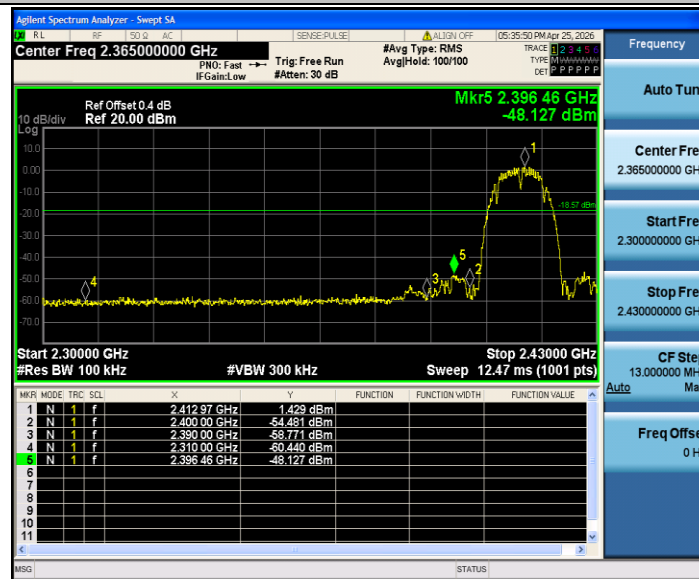
Appendix E: Band edge measurements

Test Result

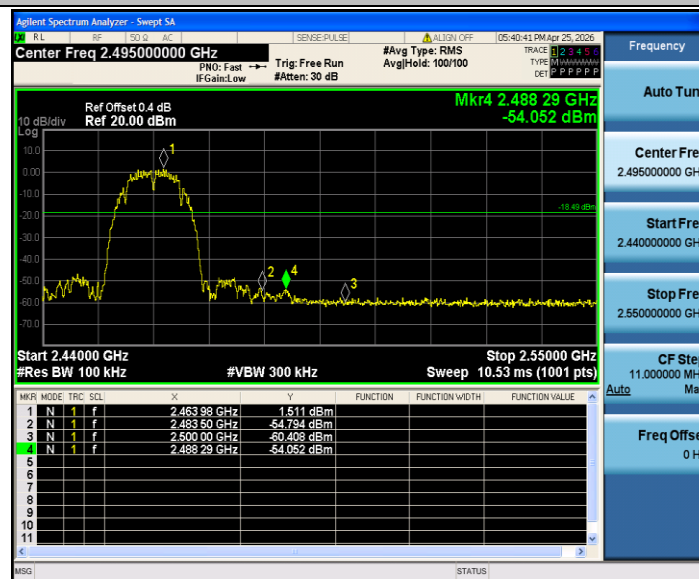
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	1.43	-48.13	≤-18.57	PASS
		High	2462	1.51	-54.05	≤-18.49	PASS
11G	Ant2	Low	2412	-2.86	-35.49	≤-22.86	PASS
		High	2462	-2.66	-58.05	≤-22.66	PASS
11N20SISO	Ant2	Low	2412	-3.23	-34.68	≤-23.23	PASS
		High	2462	-2.72	-57.01	≤-22.72	PASS
11N40SISO	Ant2	Low	2422	-6.16	-34.62	≤-26.16	PASS
		High	2452	-5.85	-57.7	≤-25.85	PASS
11AX20SISO	Ant2	Low	2412	-3.31	-34.77	≤-23.31	PASS
		High	2462	-3.04	-57.21	≤-23.04	PASS
11AX40SISO	Ant2	Low	2422	-6.47	-35.79	≤-26.47	PASS
		High	2452	-6.40	-57.12	≤-26.4	PASS

Test Graphs

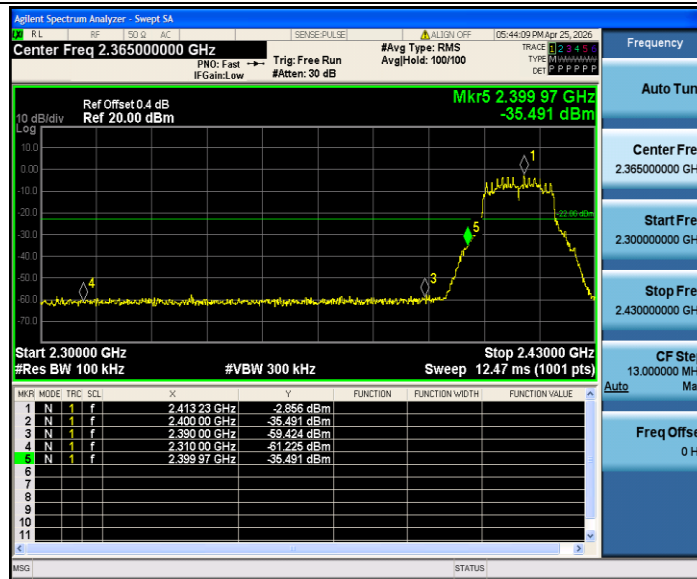
11B_Ant2_Low_2412



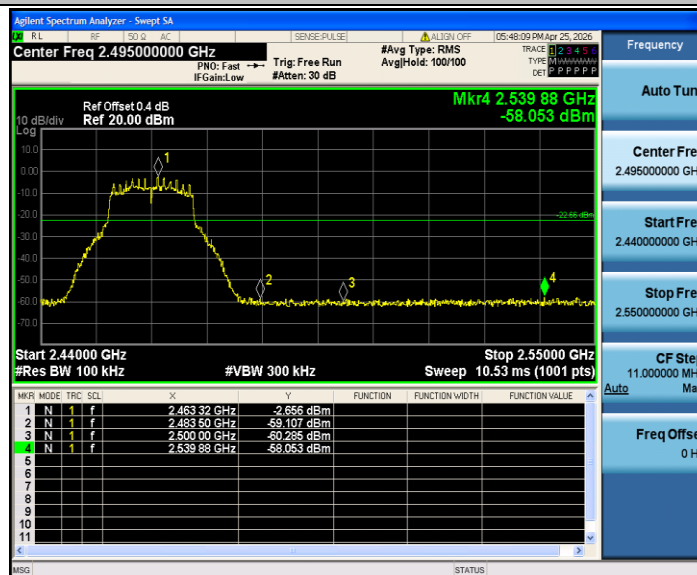
11B_Ant2_High_2462



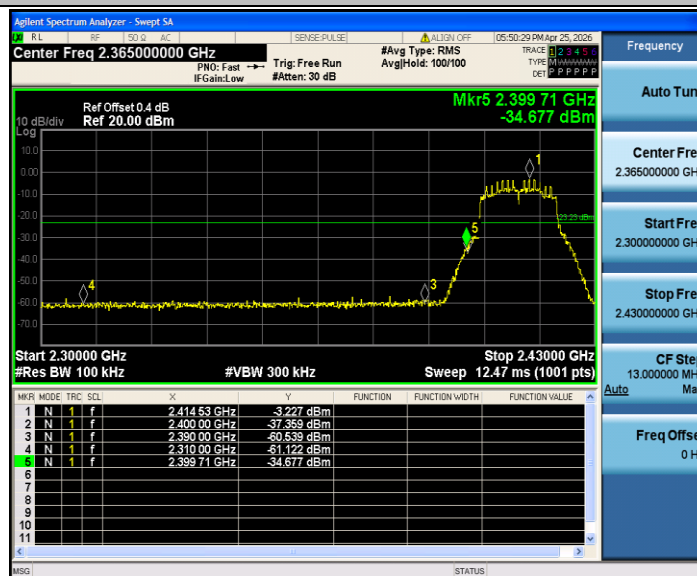
11G_Ant2_Low_2412



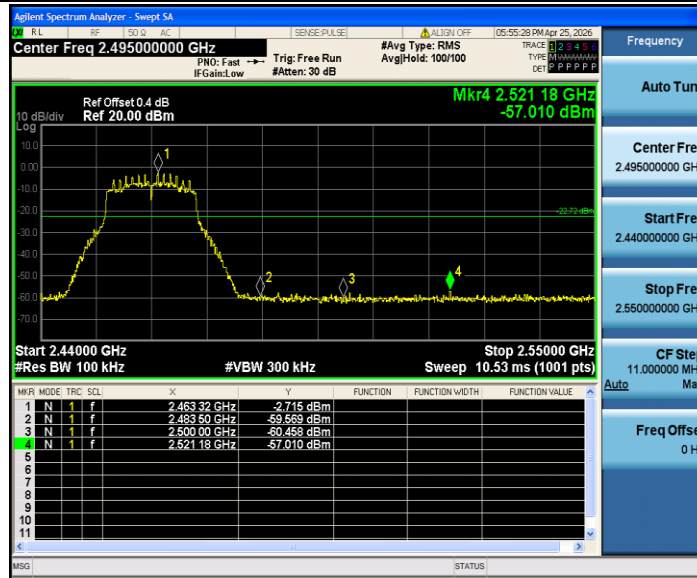
11G_Ant2_High_2462



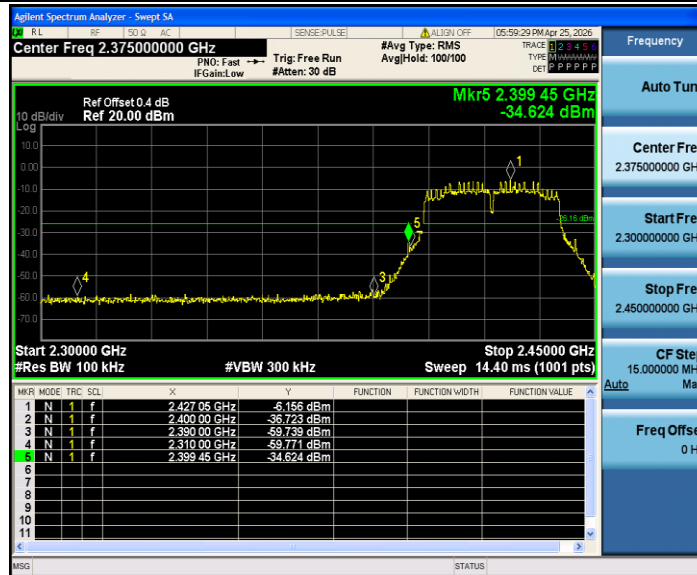
11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462



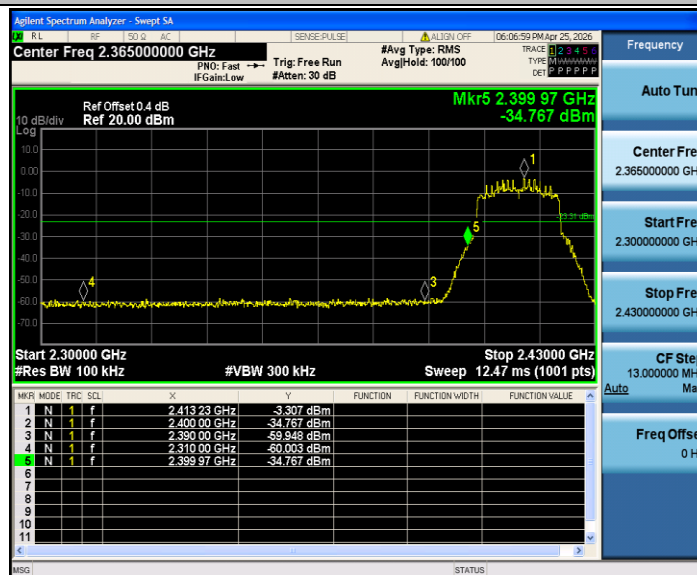
11N40SISO_Ant2_Low_2422



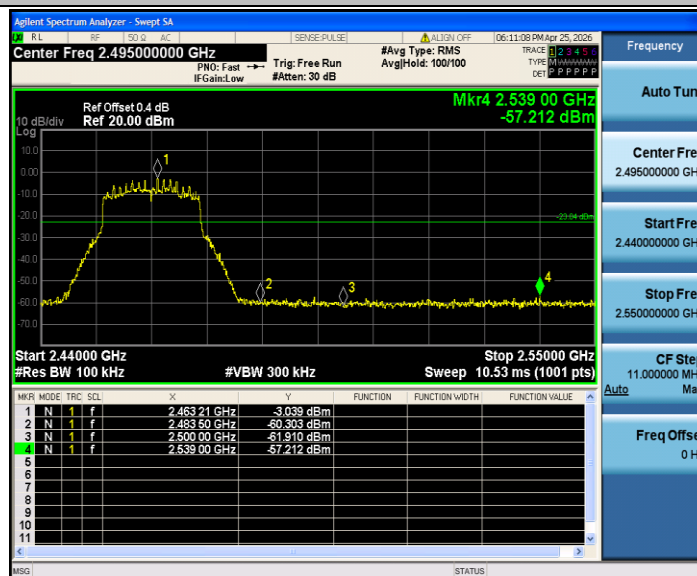
11N40SISO_Ant2_High_2452



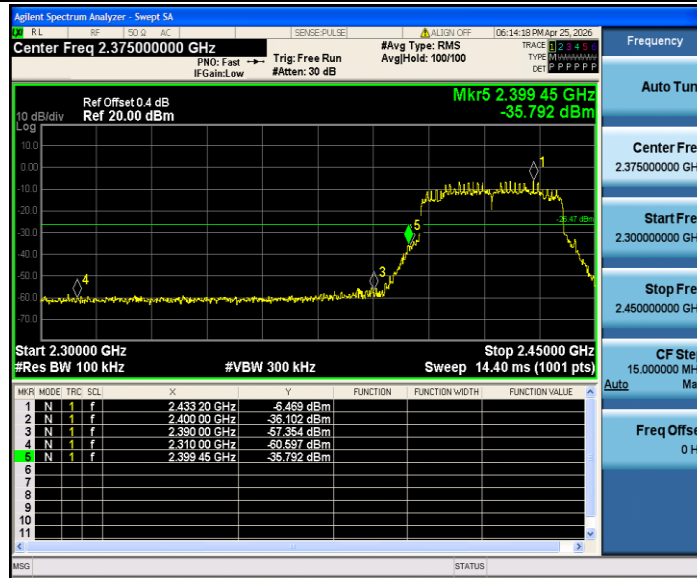
11AX20SISO_Ant2_Low_2412



11AX20SISO_Ant2_High_2462



11AX40SISO_Ant2_Low_2422



11AX40SISO_Ant2_High_2452



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	0.46	0.46	---	PASS
			30~1000	0.46	-67.6	≤-19.54	PASS
			1000~26500	0.46	-54.2	≤-19.54	PASS
		2437	Reference	-0.01	-0.01	---	PASS
			30~1000	-0.01	-67.71	≤-20.01	PASS
			1000~26500	-0.01	-53.97	≤-20.01	PASS
		2462	Reference	-0.15	-0.15	---	PASS
			30~1000	-0.15	-67.68	≤-20.15	PASS
			1000~26500	-0.15	-54.27	≤-20.15	PASS
11G	Ant2	2412	Reference	-3.35	-3.35	---	PASS
			30~1000	-3.35	-68.16	≤-23.35	PASS
			1000~26500	-3.35	-55.01	≤-23.35	PASS
		2437	Reference	-2.95	-2.95	---	PASS
			30~1000	-2.95	-68.01	≤-22.95	PASS
			1000~26500	-2.95	-55.63	≤-22.95	PASS
		2462	Reference	-3.37	-3.37	---	PASS
			30~1000	-3.37	-67.97	≤-23.37	PASS
			1000~26500	-3.37	-55.78	≤-23.37	PASS
11N20SISO	Ant2	2412	Reference	-4.06	-4.06	---	PASS
			30~1000	-4.06	-67.69	≤-24.06	PASS
			1000~26500	-4.06	-55.37	≤-24.06	PASS
		2437	Reference	-3.36	-3.36	---	PASS
			30~1000	-3.36	-68.54	≤-23.36	PASS
			1000~26500	-3.36	-54.76	≤-23.36	PASS
		2462	Reference	-2.79	-2.79	---	PASS
			30~1000	-2.79	-67.83	≤-22.79	PASS
			1000~26500	-2.79	-55.38	≤-22.79	PASS
11N40SISO	Ant2	2422	Reference	-6.99	-6.99	---	PASS
			30~1000	-6.99	-67.85	≤-26.99	PASS
			1000~26500	-6.99	-55.55	≤-26.99	PASS
		2437	Reference	-6.06	-6.06	---	PASS
			30~1000	-6.06	-68.44	≤-26.06	PASS
			1000~26500	-6.06	-55.62	≤-26.06	PASS
		2452	Reference	-6.18	-6.18	---	PASS
			30~1000	-6.18	-68.31	≤-26.18	PASS
			1000~26500	-6.18	-54.97	≤-26.18	PASS
11AX20SISO	Ant2	2412	Reference	-3.81	-3.81	---	PASS

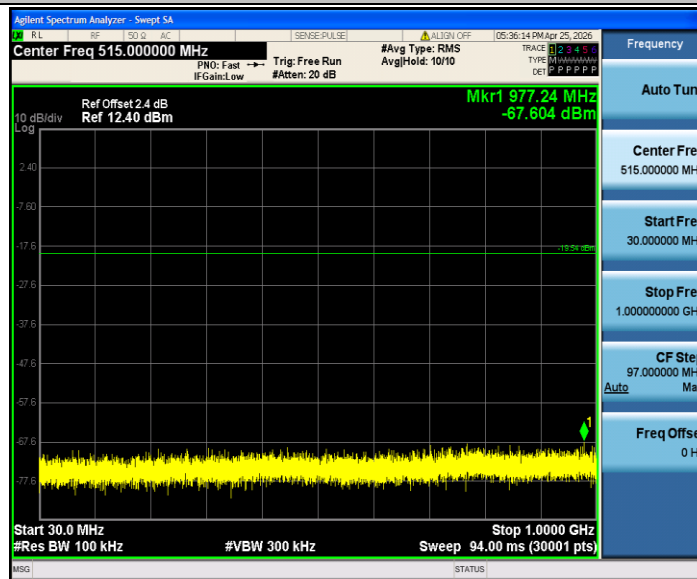
			30~1000	-3.81	-67.93	≤ -23.81	PASS
			1000~26500	-3.81	-53.98	≤ -23.81	PASS
		2437	Reference	-3.83	-3.83	---	PASS
			30~1000	-3.83	-67.7	≤ -23.83	PASS
			1000~26500	-3.83	-55.88	≤ -23.83	PASS
		2462	Reference	-3.50	-3.50	---	PASS
			30~1000	-3.50	-68.13	≤ -23.5	PASS
			1000~26500	-3.50	-55.81	≤ -23.5	PASS
11AX40SISO	Ant2	2422	Reference	-7.05	-7.05	---	PASS
			30~1000	-7.05	-66.73	≤ -27.05	PASS
			1000~26500	-7.05	-55.34	≤ -27.05	PASS
		2437	Reference	-7.03	-7.03	---	PASS
			30~1000	-7.03	-68.34	≤ -27.03	PASS
			1000~26500	-7.03	-55.9	≤ -27.03	PASS
		2452	Reference	-6.94	-6.94	---	PASS
			30~1000	-6.94	-68.51	≤ -26.94	PASS
			1000~26500	-6.94	-55.52	≤ -26.94	PASS

Test Graphs

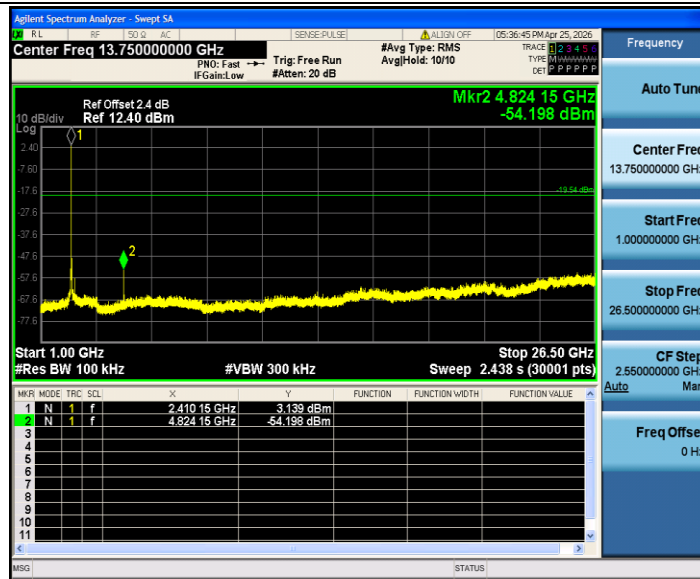
11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



11B_Ant2_2412_1000~26500



11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000

