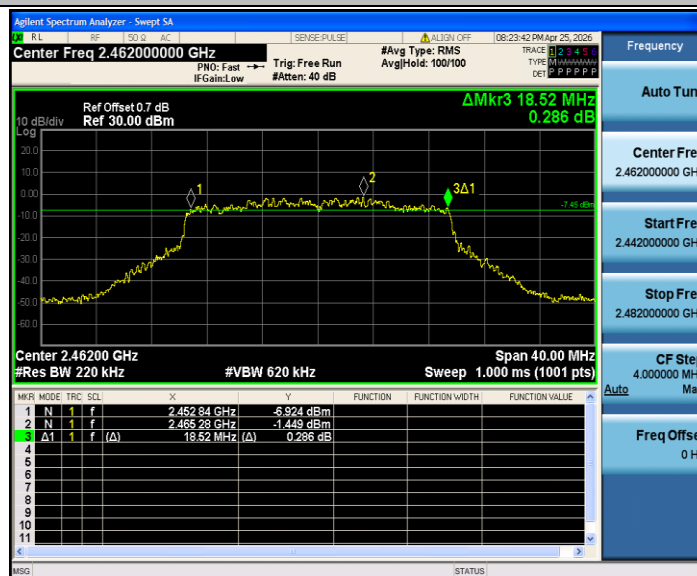




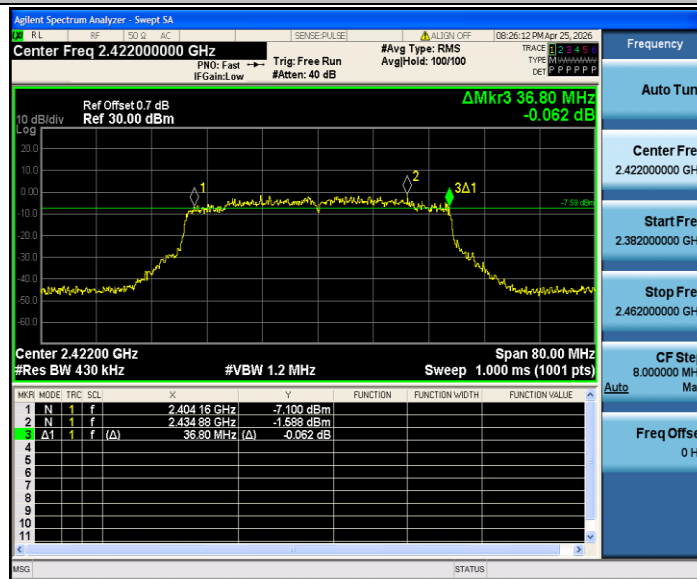
11AX20SISO_Ant2_2437



11AX20SISO_Ant2_2462



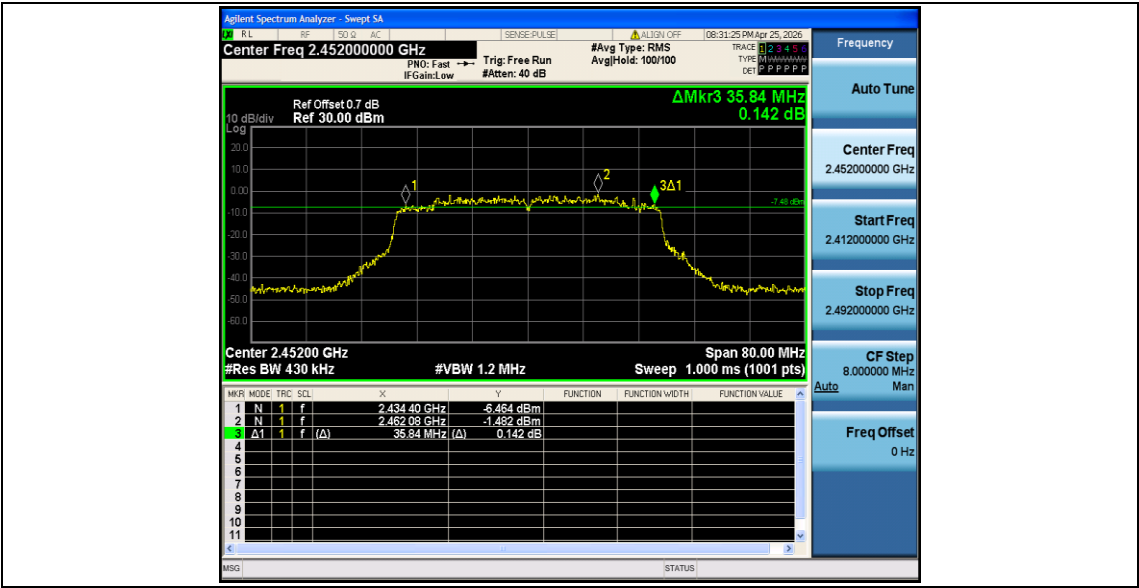
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



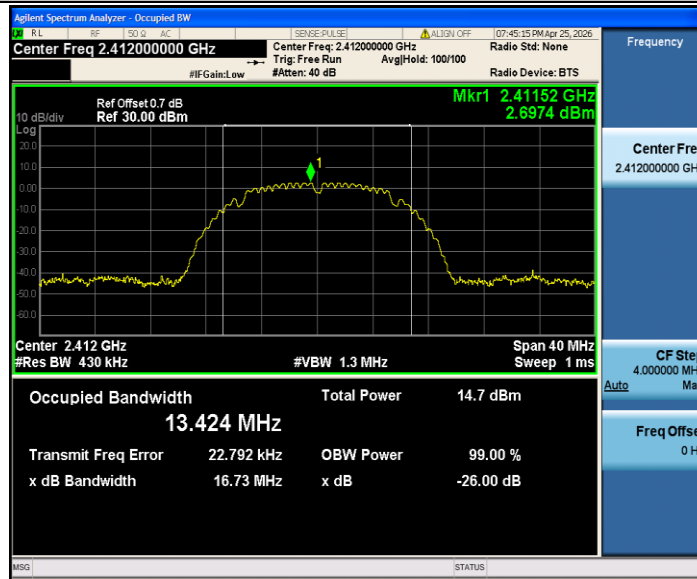
Appendix B: Occupied Channel Bandwidth

Test Result

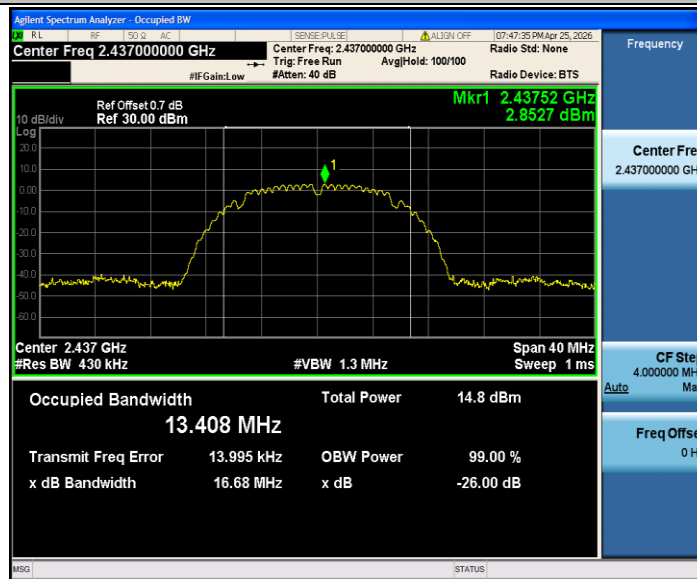
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.424	2405.3108	2418.7348	---	---
		2437	13.408	2430.3100	2443.7180	---	---
		2462	13.438	2455.2905	2468.7285	---	---
11G	Ant2	2412	16.881	2403.5998	2420.4808	---	---
		2437	16.755	2428.6798	2445.4348	---	---
		2462	16.896	2453.5474	2470.4434	---	---
11N20SISO	Ant2	2412	17.855	2403.0955	2420.9505	---	---
		2437	17.889	2428.1017	2445.9907	---	---
		2462	17.869	2453.0653	2470.9343	---	---
11N40SISO	Ant2	2422	36.107	2404.0895	2440.1965	---	---
		2437	36.069	2419.0577	2455.1267	---	---
		2452	36.037	2434.0975	2470.1345	---	---
11AX20SISO	Ant2	2412	18.923	2402.5654	2421.4884	---	---
		2437	18.902	2427.5603	2446.4623	---	---
		2462	19.011	2452.4827	2471.4937	---	---
11AX40SISO	Ant2	2422	37.595	2403.3544	2440.9494	---	---
		2437	37.440	2418.4207	2455.8607	---	---
		2452	37.602	2433.3354	2470.9374	---	---

Test Graphs

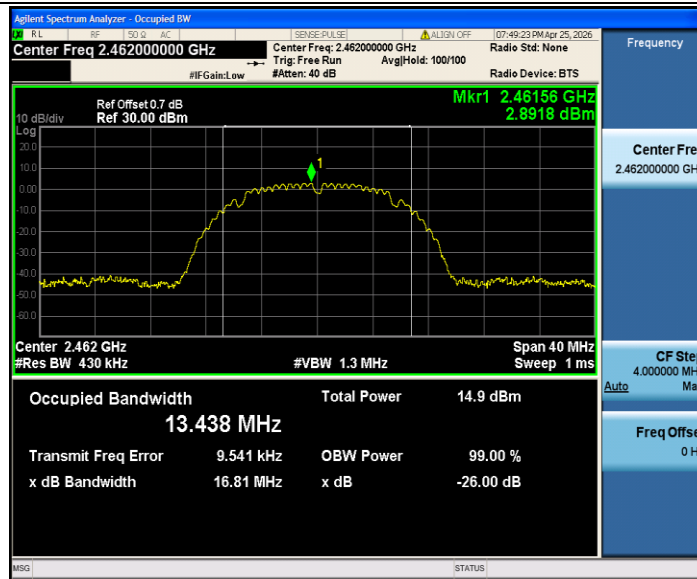
11B_Ant2_2412



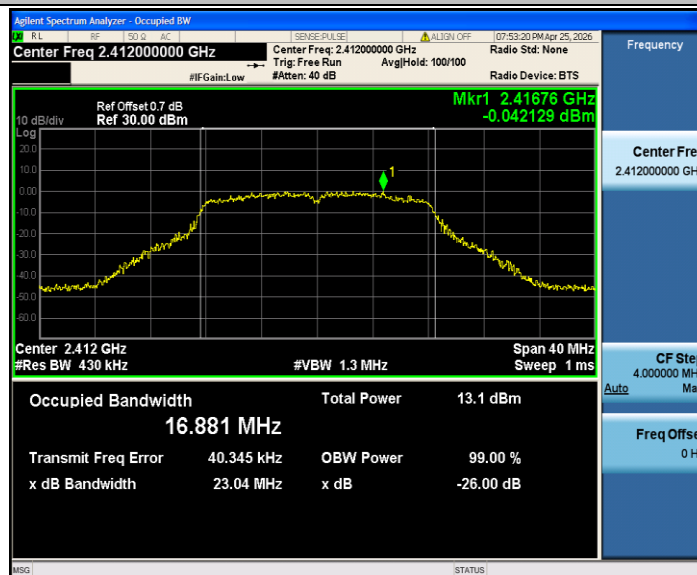
11B_Ant2_2437



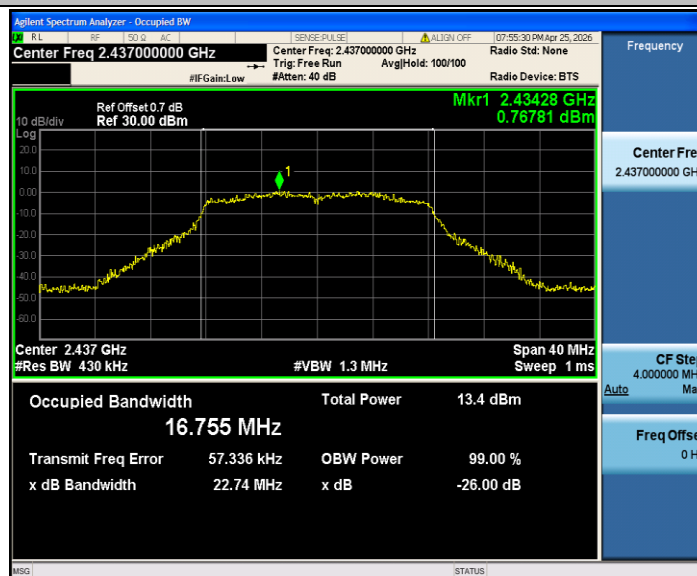
11B_Ant2_2462



11G_Ant2_2412



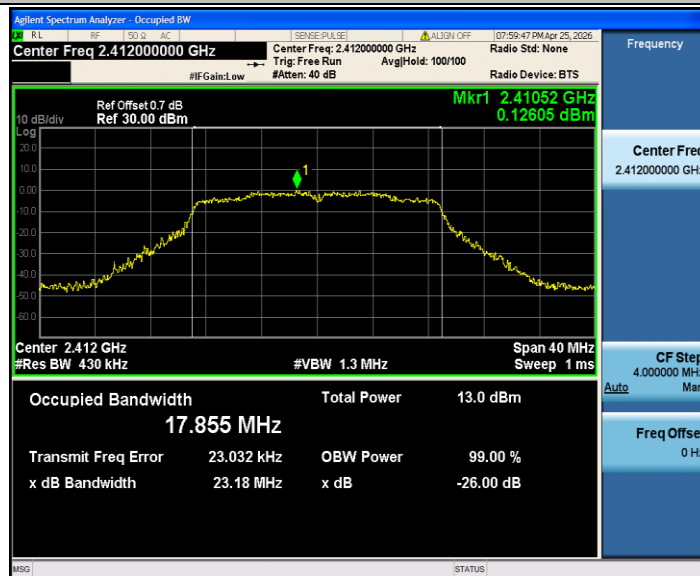
11G_Ant2_2437



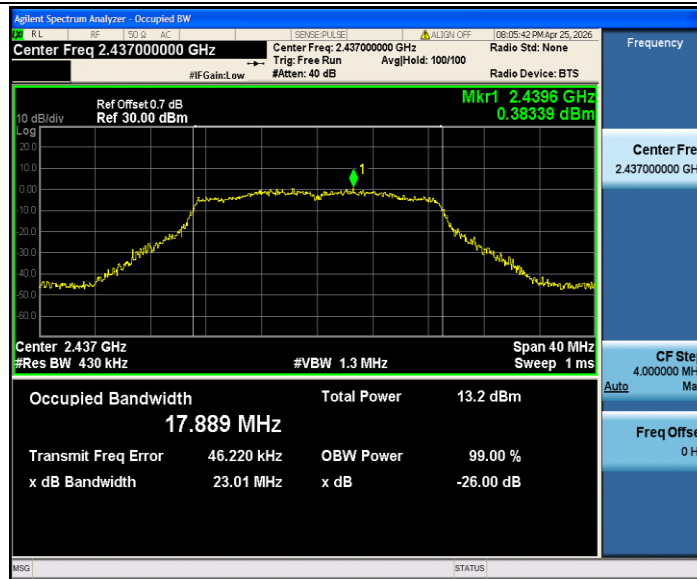
11G_Ant2_2462



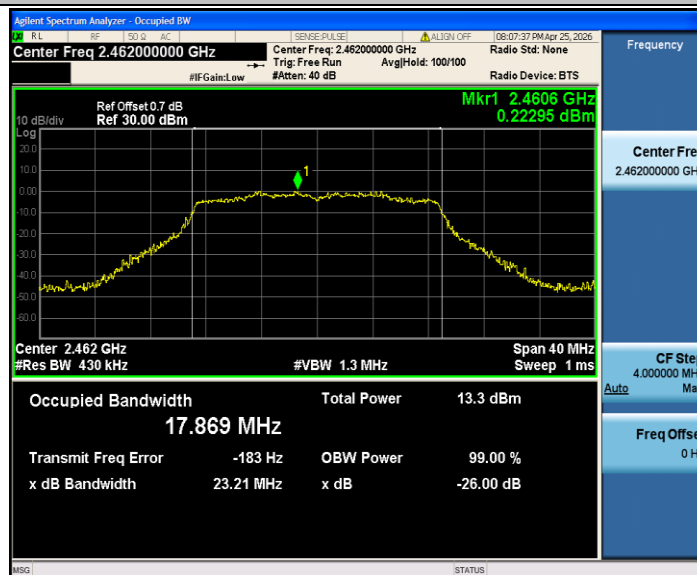
11N20SISO_Ant2_2412



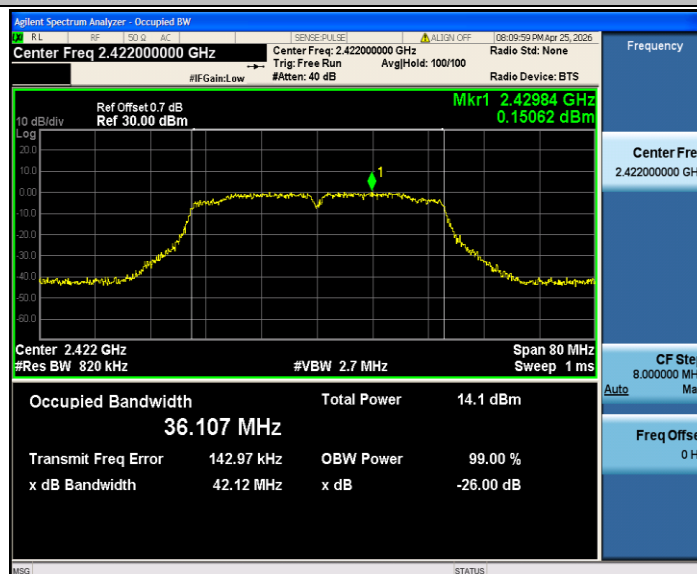
11N20SISO_Ant2_2437



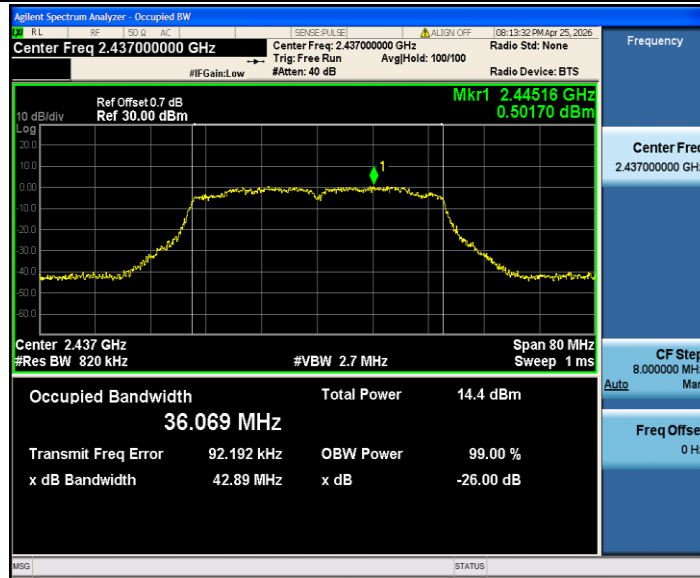
11N20SISO_Ant2_2462



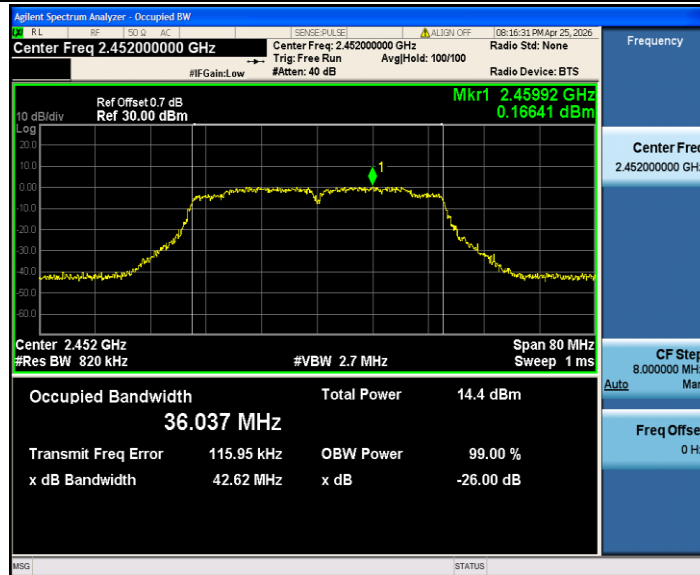
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



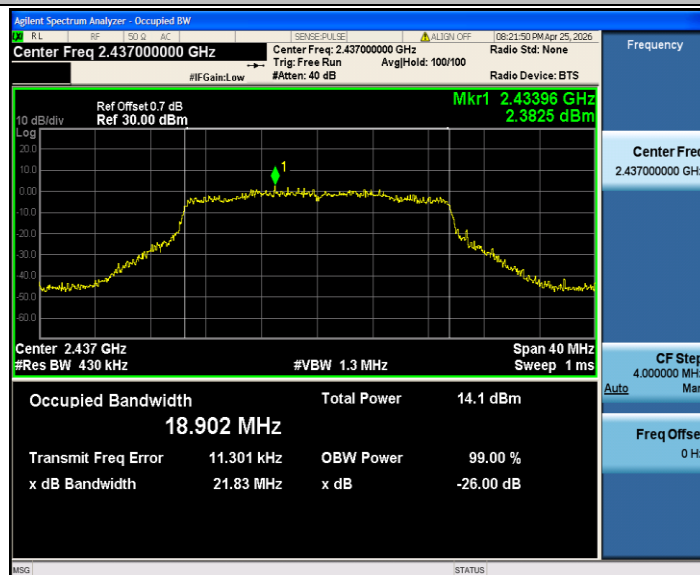
11N40SISO_Ant2_2452



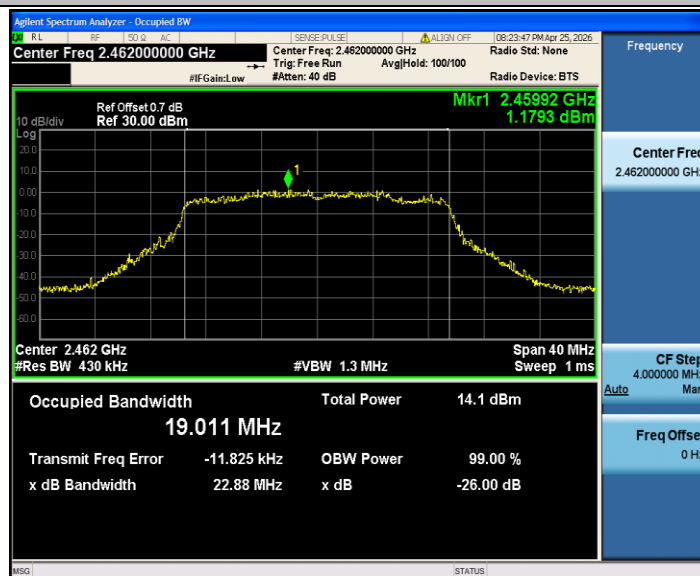
11AX20SISO_Ant2_2412



11AX20ISO_Ant2_2437



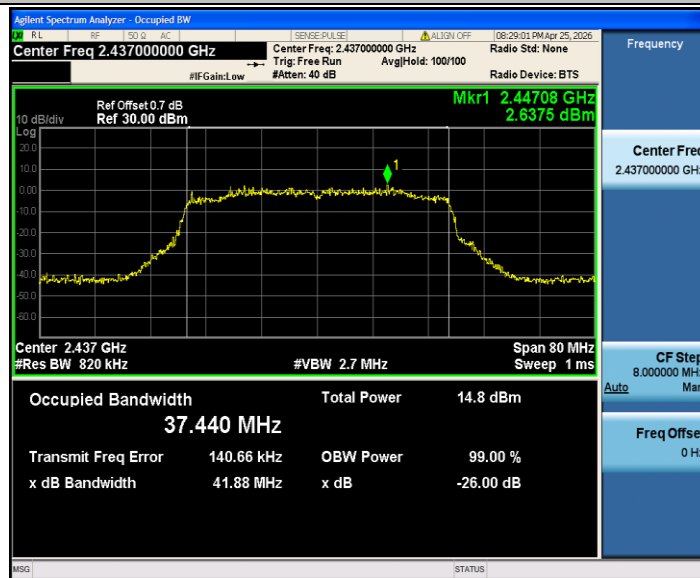
11AX20ISO_Ant2_2462



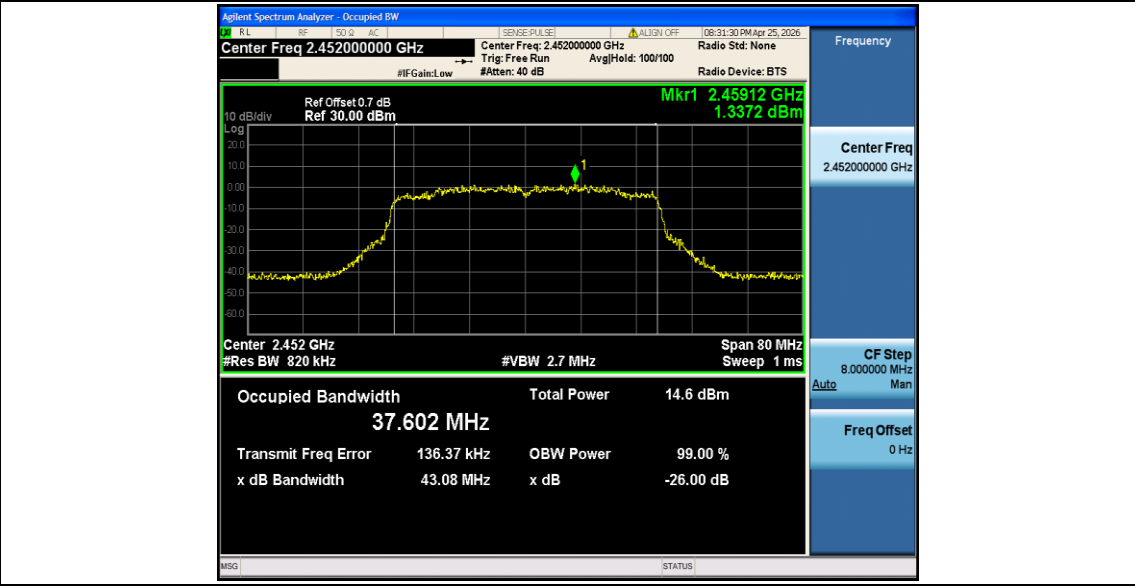
11AX40SISO_Ant2_2422



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	14.27	≤30.00	PASS
		2437	14.51	≤30.00	PASS
		2462	14.61	≤30.00	PASS
11G	Ant2	2412	14.04	≤30.00	PASS
		2437	14.28	≤30.00	PASS
		2462	14.28	≤30.00	PASS
11N20SISO	Ant2	2412	13.79	≤30.00	PASS
		2437	13.88	≤30.00	PASS
		2462	14.19	≤30.00	PASS
11N40SISO	Ant2	2422	14.33	≤30.00	PASS
		2437	14.56	≤30.00	PASS
		2452	14.45	≤30.00	PASS
11AX20SISO	Ant2	2412	14.29	≤30.00	PASS
		2437	14.65	≤30.00	PASS
		2462	14.69	≤30.00	PASS
11AX40SISO	Ant2	2422	14.48	≤30.00	PASS
		2437	14.69	≤30.00	PASS
		2452	14.52	≤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	-11.37	≤8.00	PASS
		2437	-11.54	≤8.00	PASS
		2462	-10.55	≤8.00	PASS
11G	Ant2	2412	-17.30	≤8.00	PASS
		2437	-17.02	≤8.00	PASS
		2462	-17.37	≤8.00	PASS
11N20SISO	Ant2	2412	-16.90	≤8.00	PASS
		2437	-17.85	≤8.00	PASS
		2462	-17.42	≤8.00	PASS
11N40SISO	Ant2	2422	-19.95	≤8.00	PASS
		2437	-19.85	≤8.00	PASS
		2452	-19.98	≤8.00	PASS
11AX20SISO	Ant2	2412	-18.65	≤8.00	PASS
		2437	-17.49	≤8.00	PASS
		2462	-18.12	≤8.00	PASS
11AX40SISO	Ant2	2422	-21.70	≤8.00	PASS
		2437	-21.65	≤8.00	PASS
		2452	-21.60	≤8.00	PASS

Test Graphs

11B_Ant2_2412



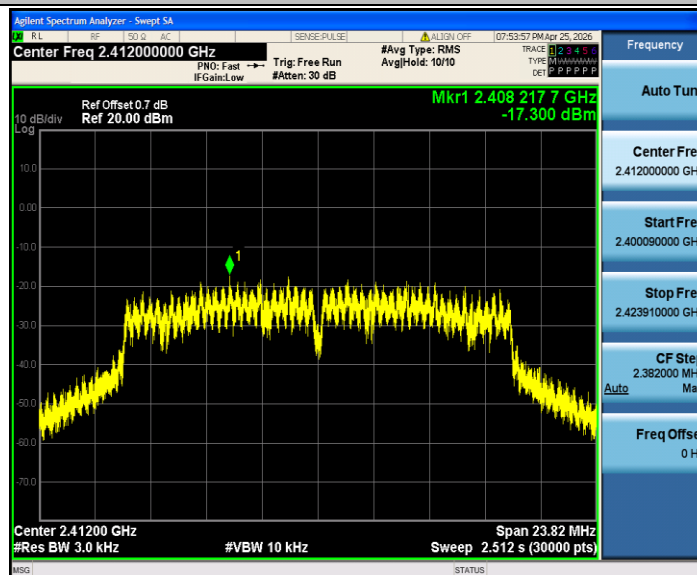
11B_Ant2_2437



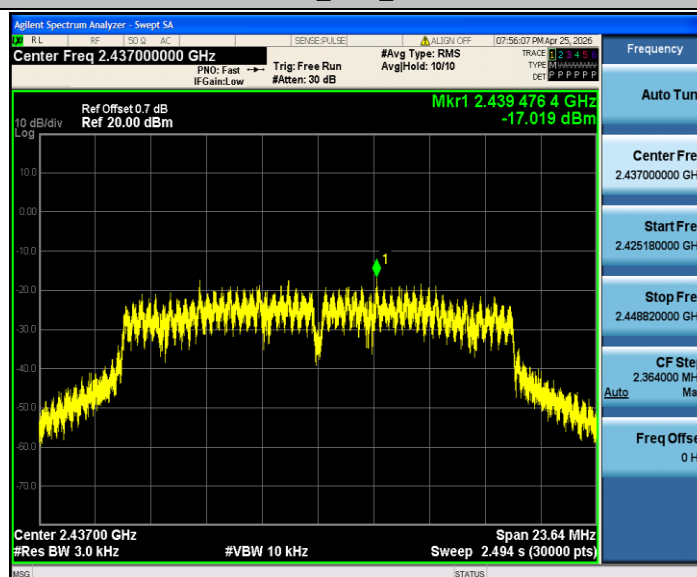
11B_Ant2_2462



11G_Ant2_2412



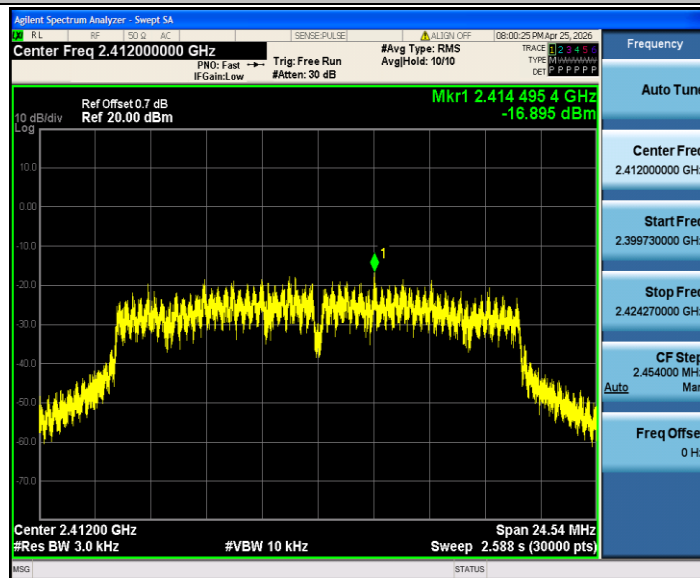
11G_Ant2_2437



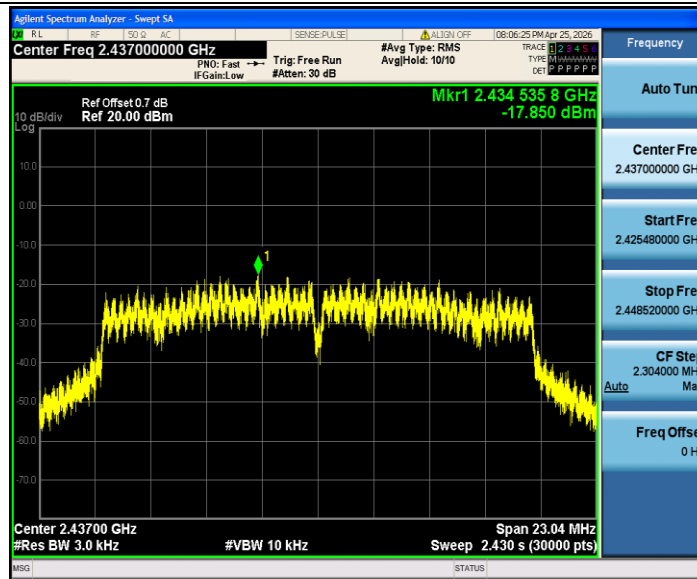
11G_Ant2_2462



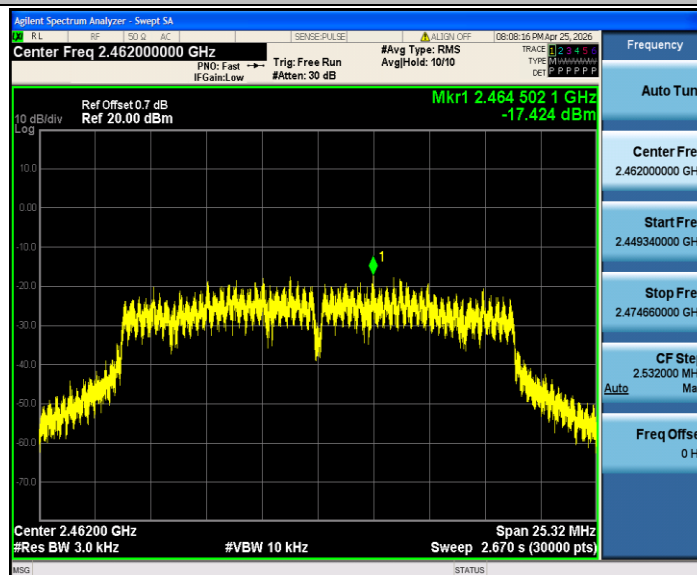
11N20SISO_Ant2_2412



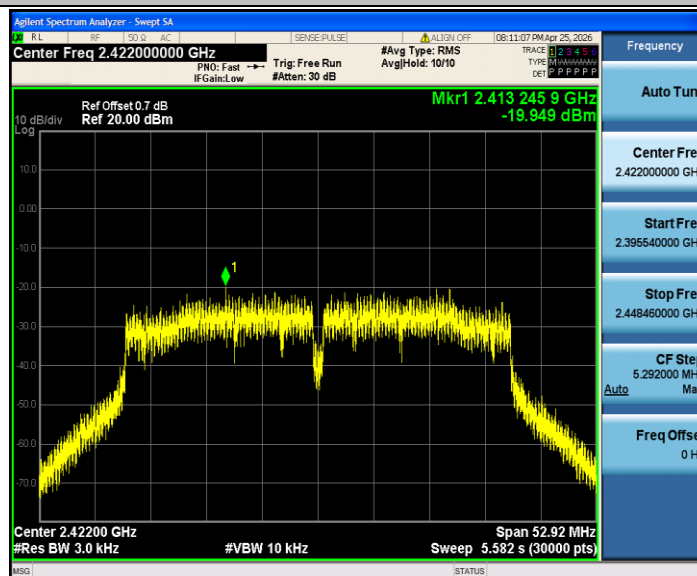
11N20SISO_Ant2_2437



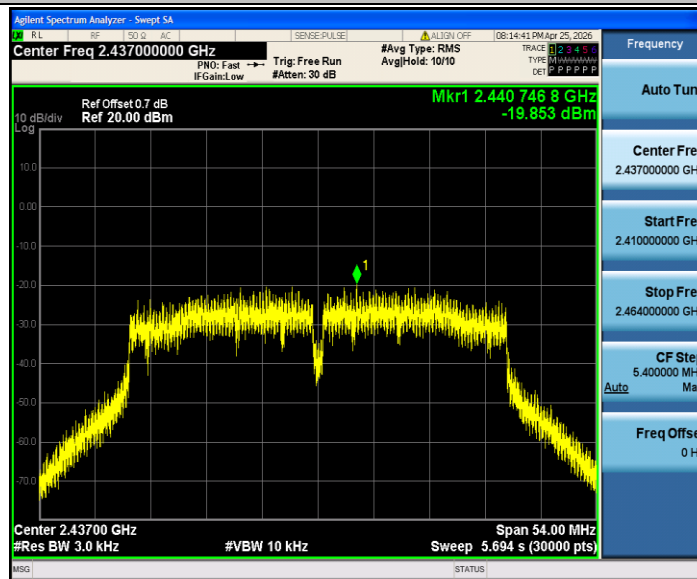
11N20SISO_Ant2_2462



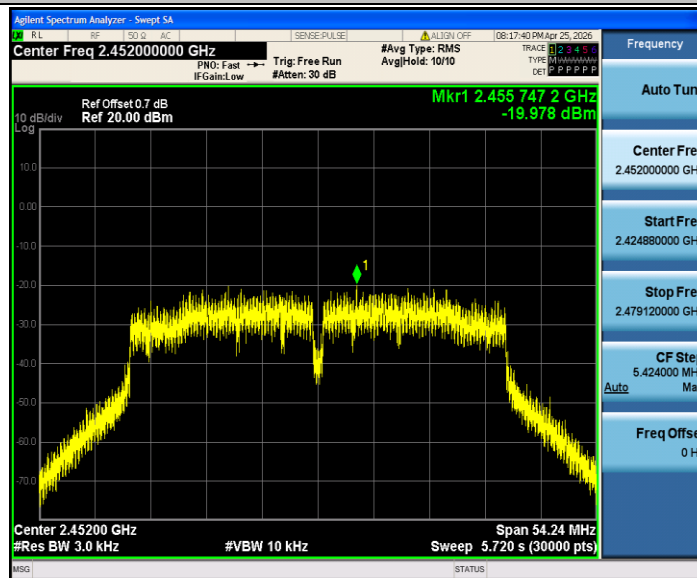
11N40SISO_Ant2_2422



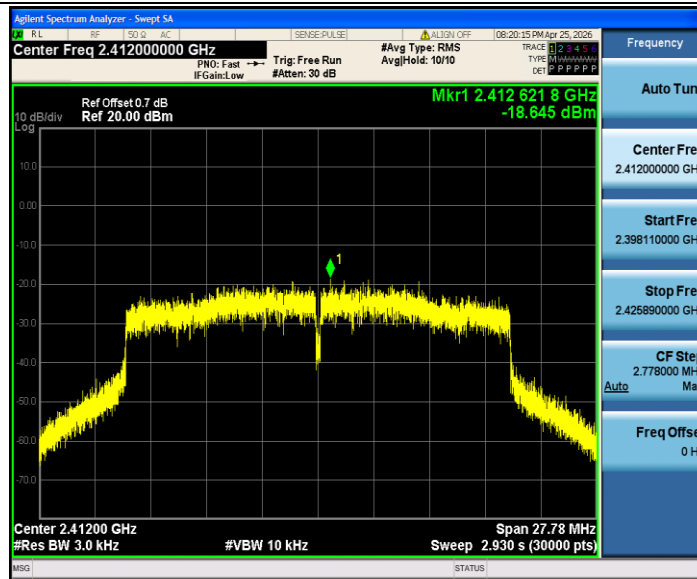
11N40SISO_Ant2_2437



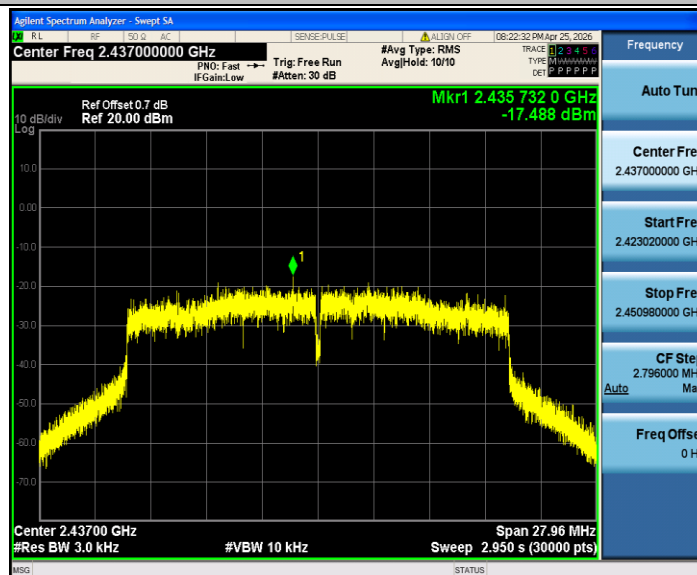
11N40SISO_Ant2_2452



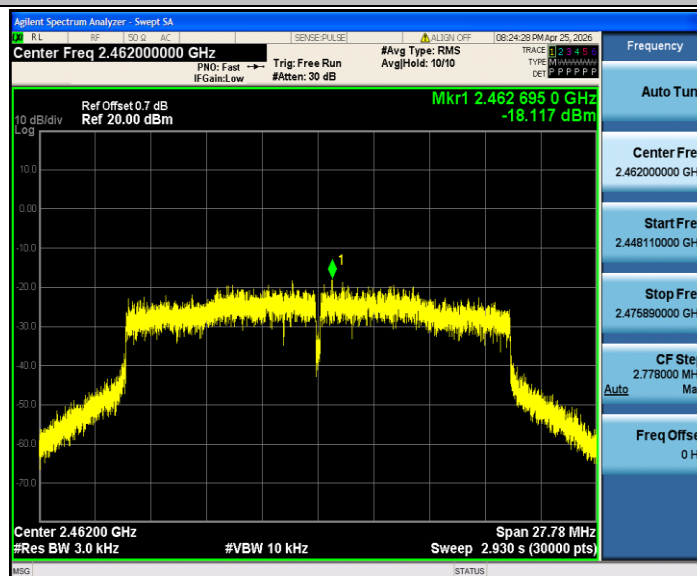
11AX20SISO_Ant2_2412



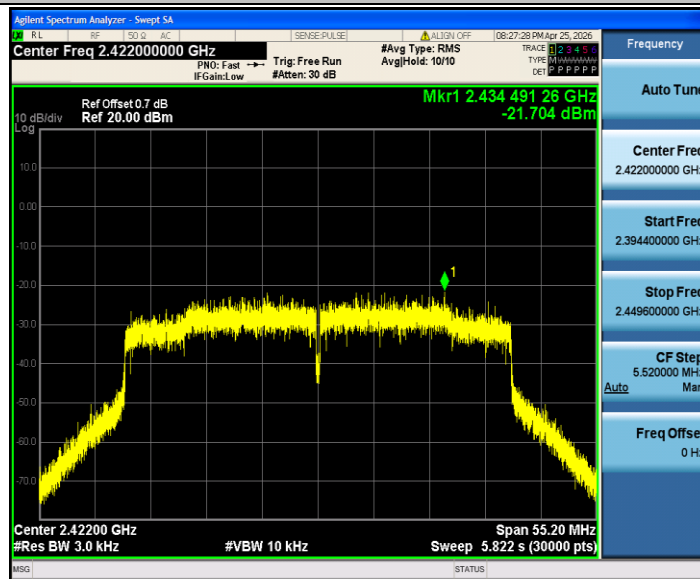
11AX20SISO_Ant2_2437



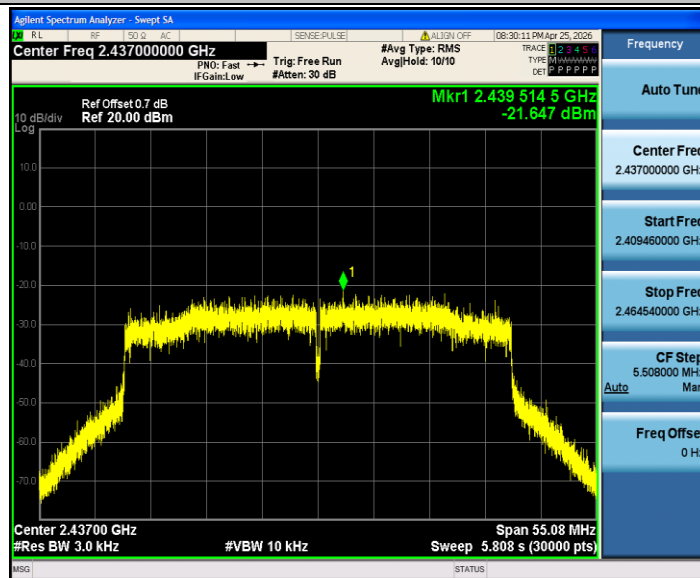
11AX20SISO_Ant2_2462



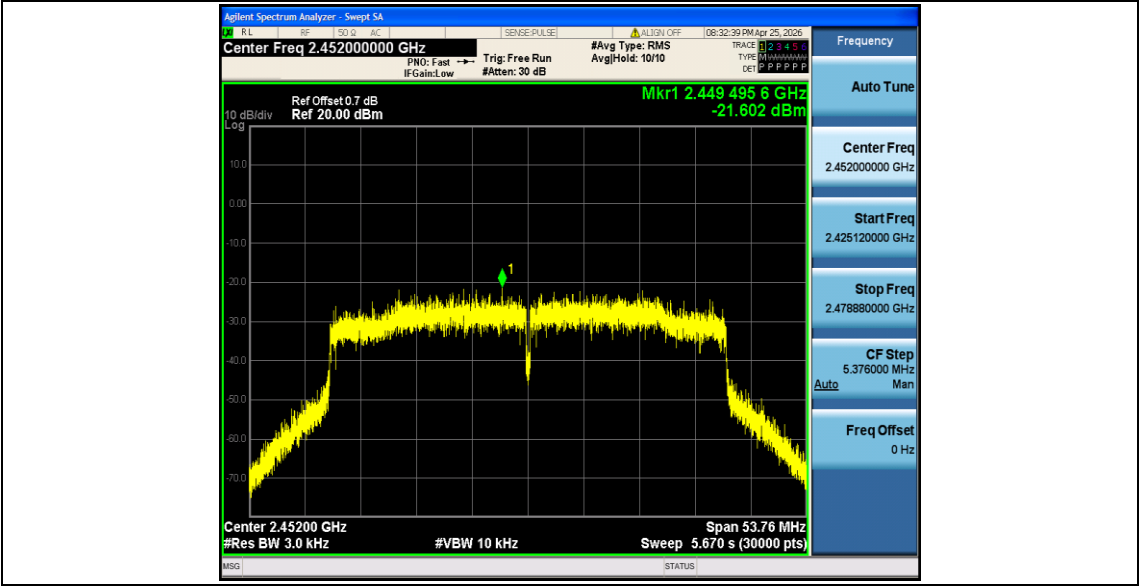
11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



11AX40SISO_Ant2_2452



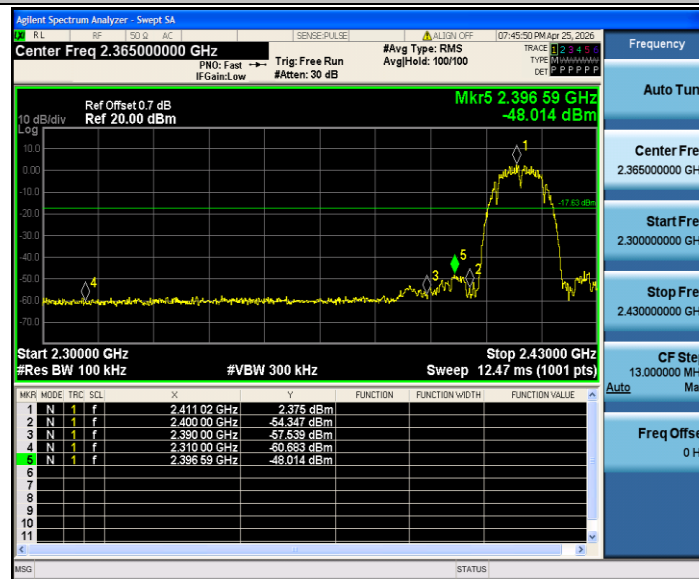
Appendix E: Band edge measurements

Test Result

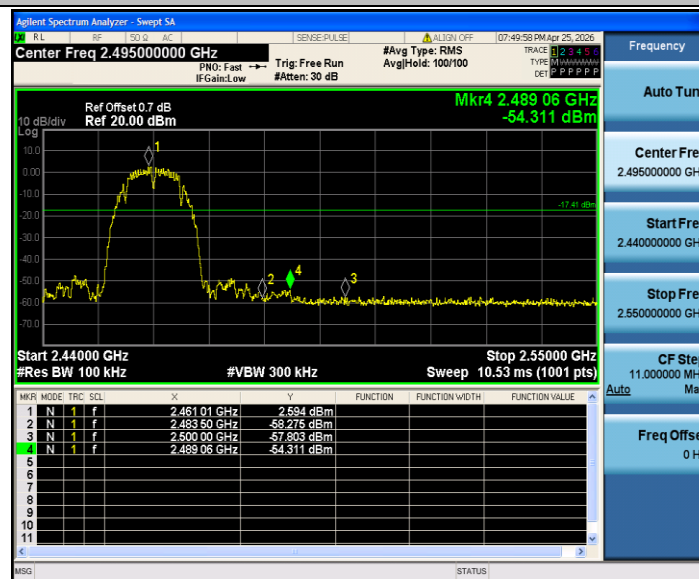
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	2.38	-48.01	≤-17.63	PASS
		High	2462	2.59	-54.31	≤-17.41	PASS
11G	Ant2	Low	2412	-2.51	-35.1	≤-22.51	PASS
		High	2462	-2.36	-57.1	≤-22.36	PASS
11N20SISO	Ant2	Low	2412	-2.44	-35.01	≤-22.44	PASS
		High	2462	-2.48	-57.1	≤-22.48	PASS
11N40SISO	Ant2	Low	2422	-5.87	-34.22	≤-25.87	PASS
		High	2452	-5.47	-56.83	≤-25.47	PASS
11AX20SISO	Ant2	Low	2412	-3.14	-33.71	≤-23.14	PASS
		High	2462	-2.54	-57	≤-22.54	PASS
11AX40SISO	Ant2	Low	2422	-6.01	-36.01	≤-26.01	PASS
		High	2452	-5.97	-56.85	≤-25.97	PASS

Test Graphs

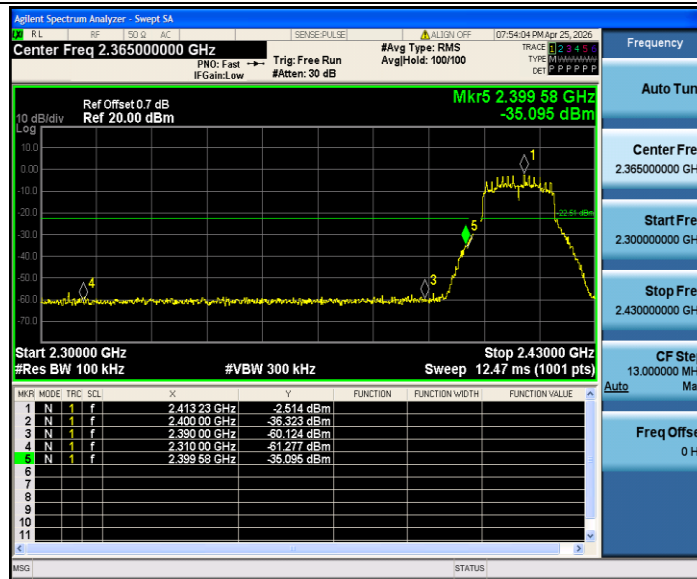
11B_Ant2_Low_2412



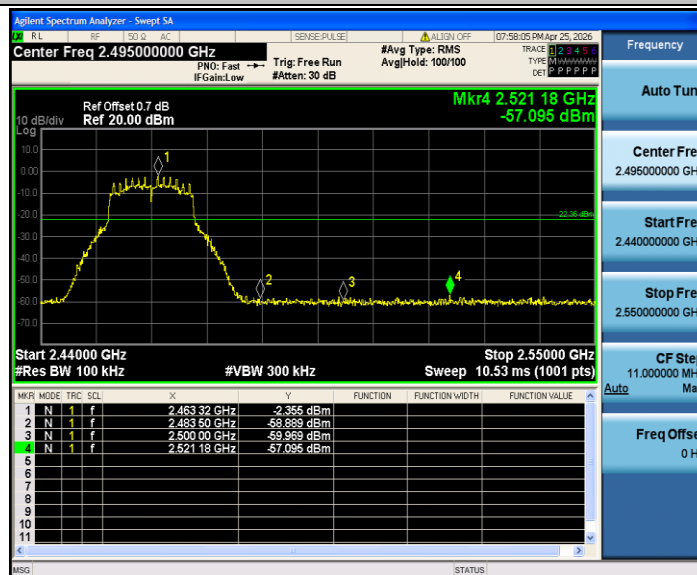
11B_Ant2_High_2462



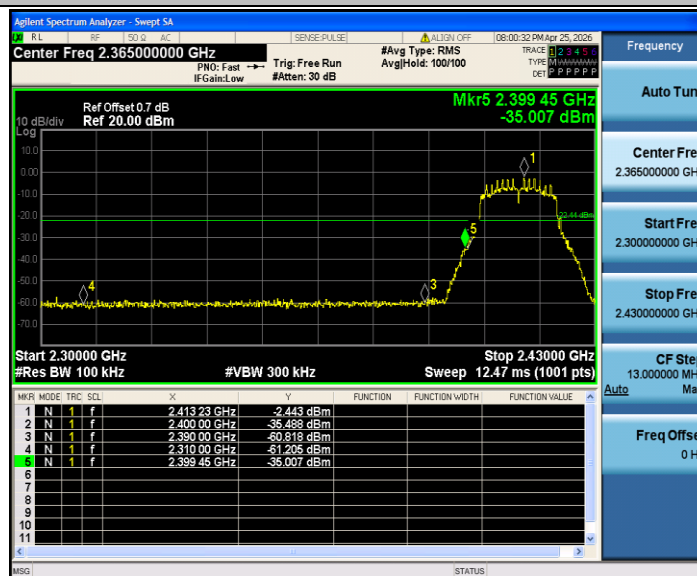
11G_Ant2_Low_2412



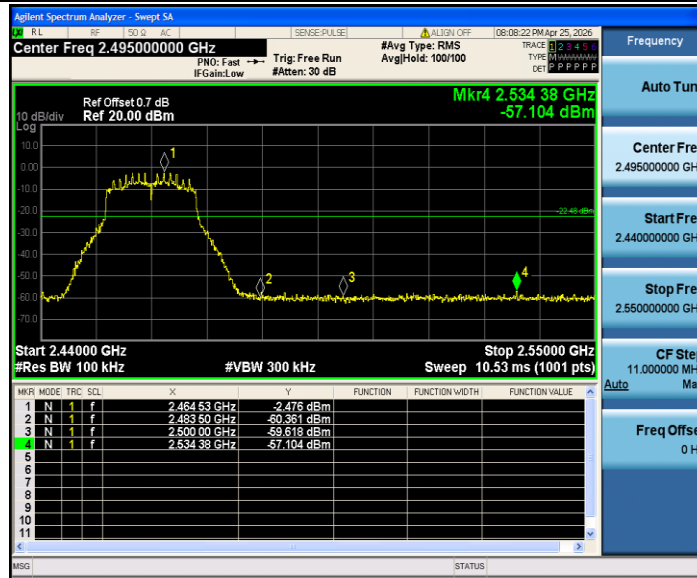
11G_Ant2_High_2462



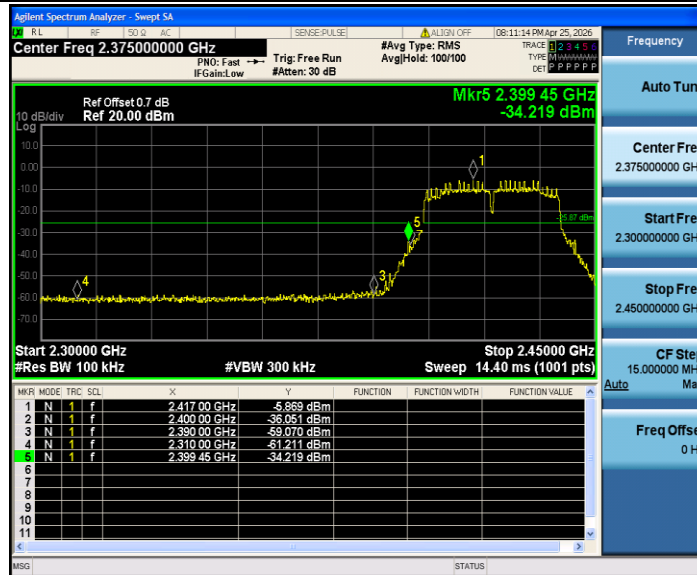
11N20SISO_Ant2_Low_2412



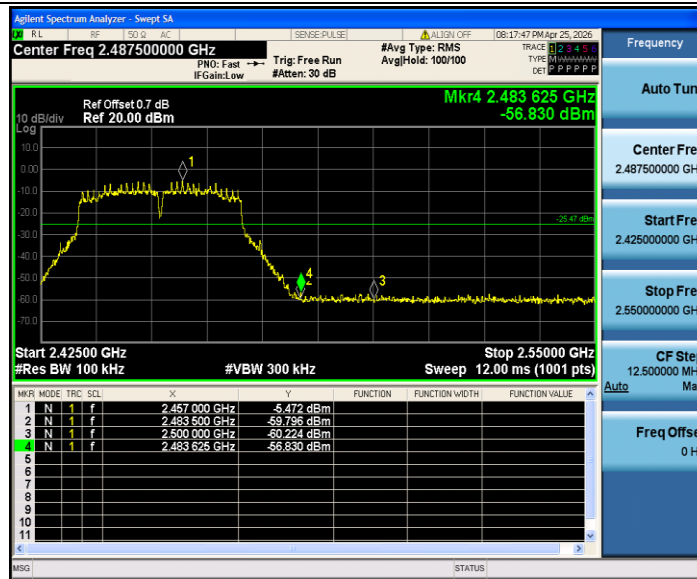
11N20SISO_Ant2_High_2462



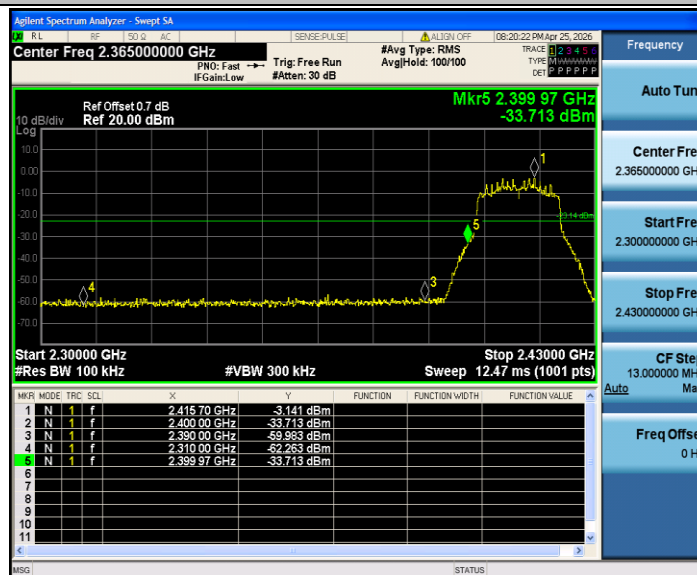
11N40SISO_Ant2_Low_2422



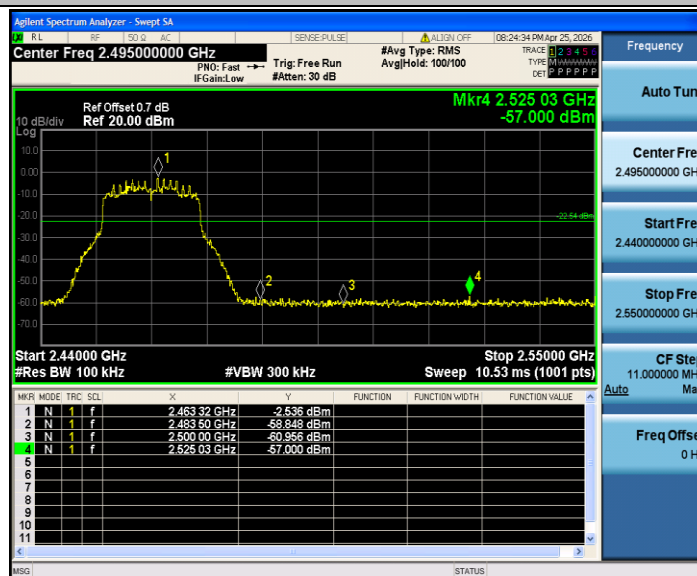
11N40SISO_Ant2_High_2452



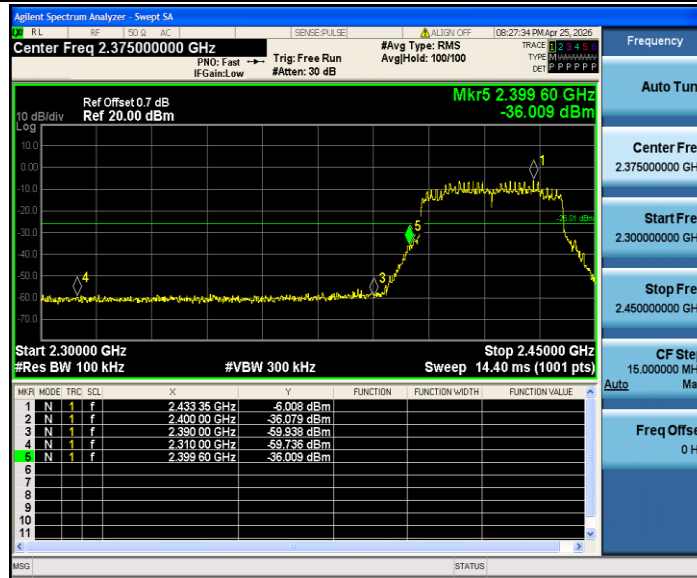
11AX20SISO_Ant2_Low_2412



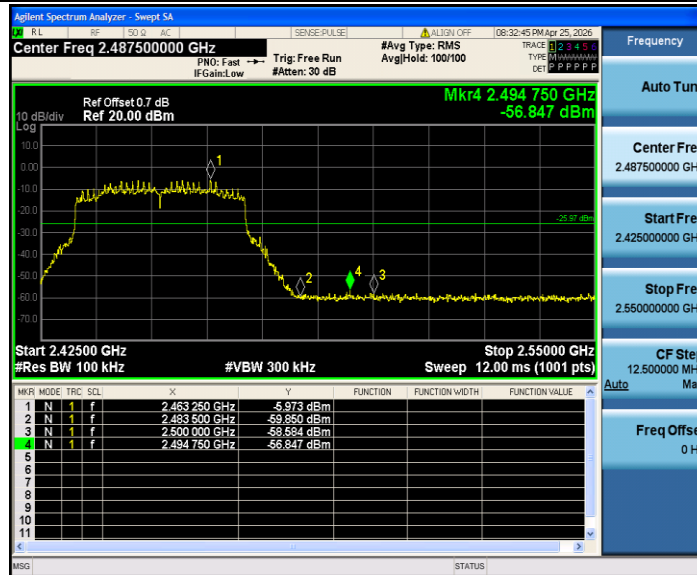
11AX20SISO_Ant2_High_2462



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	0.43	0.43	---	PASS
			30~1000	0.43	-67.6	≤-19.57	PASS
			1000~26500	0.43	-53.99	≤-19.57	PASS
		2437	Reference	2.28	2.28	---	PASS
			30~1000	2.28	-66.57	≤-17.72	PASS
			1000~26500	2.28	-52.59	≤-17.72	PASS
		2462	Reference	2.17	2.17	---	PASS
			30~1000	2.17	-67.56	≤-17.83	PASS
			1000~26500	2.17	-53.41	≤-17.83	PASS
11G	Ant2	2412	Reference	-2.87	-2.87	---	PASS
			30~1000	-2.87	-67.3	≤-22.87	PASS
			1000~26500	-2.87	-54.82	≤-22.87	PASS
		2437	Reference	-3.05	-3.05	---	PASS
			30~1000	-3.05	-67.89	≤-23.05	PASS
			1000~26500	-3.05	-55.06	≤-23.05	PASS
		2462	Reference	-2.82	-2.82	---	PASS
			30~1000	-2.82	-67.4	≤-22.82	PASS
			1000~26500	-2.82	-54.24	≤-22.82	PASS
11N20SISO	Ant2	2412	Reference	-2.79	-2.79	---	PASS
			30~1000	-2.79	-67.37	≤-22.79	PASS
			1000~26500	-2.79	-55.27	≤-22.79	PASS
		2437	Reference	-2.25	-2.25	---	PASS
			30~1000	-2.25	-67.07	≤-22.25	PASS
			1000~26500	-2.25	-54.69	≤-22.25	PASS
		2462	Reference	-4.07	-4.07	---	PASS
			30~1000	-4.07	-67.88	≤-24.07	PASS
			1000~26500	-4.07	-55.05	≤-24.07	PASS
11N40SISO	Ant2	2422	Reference	-5.68	-5.68	---	PASS
			30~1000	-5.68	-67.32	≤-25.68	PASS
			1000~26500	-5.68	-54.85	≤-25.68	PASS
		2437	Reference	-5.78	-5.78	---	PASS
			30~1000	-5.78	-67.46	≤-25.78	PASS
			1000~26500	-5.78	-55.17	≤-25.78	PASS
		2452	Reference	-5.67	-5.67	---	PASS
			30~1000	-5.67	-67.34	≤-25.67	PASS
			1000~26500	-5.67	-55.66	≤-25.67	PASS
11AX20SISO	Ant2	2412	Reference	-5.95	-5.95	---	PASS

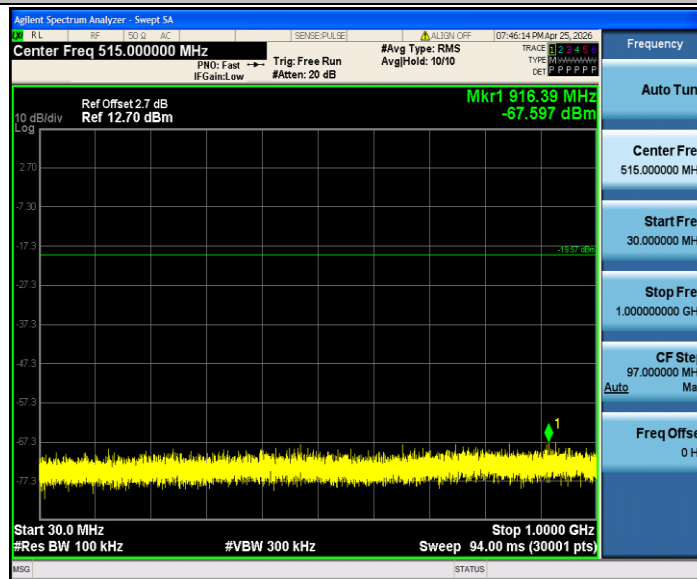
			30~1000	-5.95	-67.5	≤ -25.95	PASS
			1000~26500	-5.95	-54.18	≤ -25.95	PASS
		2437	Reference	-3.13	-3.13	---	PASS
			30~1000	-3.13	-67.69	≤ -23.13	PASS
			1000~26500	-3.13	-55.24	≤ -23.13	PASS
		2462	Reference	-3.85	-3.85	---	PASS
			30~1000	-3.85	-66.91	≤ -23.85	PASS
			1000~26500	-3.85	-55.78	≤ -23.85	PASS
11AX40SISO	Ant2	2422	Reference	-6.90	-6.90	---	PASS
			30~1000	-6.90	-68.14	≤ -26.9	PASS
			1000~26500	-6.90	-54.7	≤ -26.9	PASS
		2437	Reference	-6.68	-6.68	---	PASS
			30~1000	-6.68	-67.55	≤ -26.68	PASS
			1000~26500	-6.68	-55.18	≤ -26.68	PASS
		2452	Reference	-6.52	-6.52	---	PASS
			30~1000	-6.52	-68.16	≤ -26.52	PASS
			1000~26500	-6.52	-54.74	≤ -26.52	PASS

Test Graphs

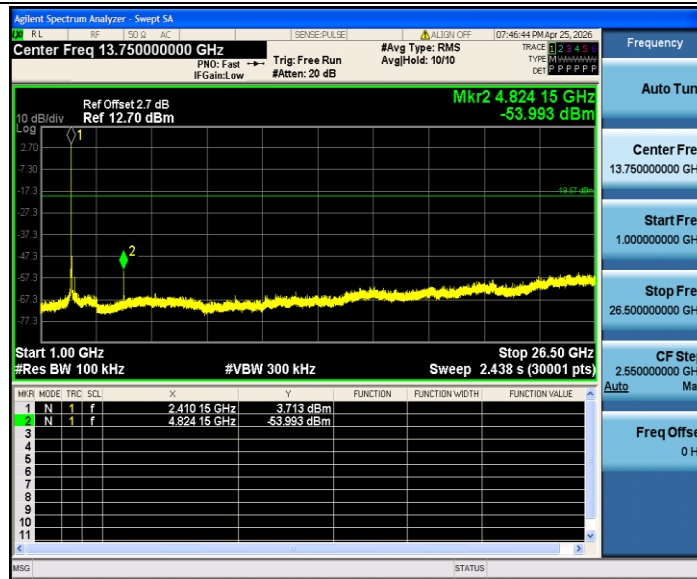
11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



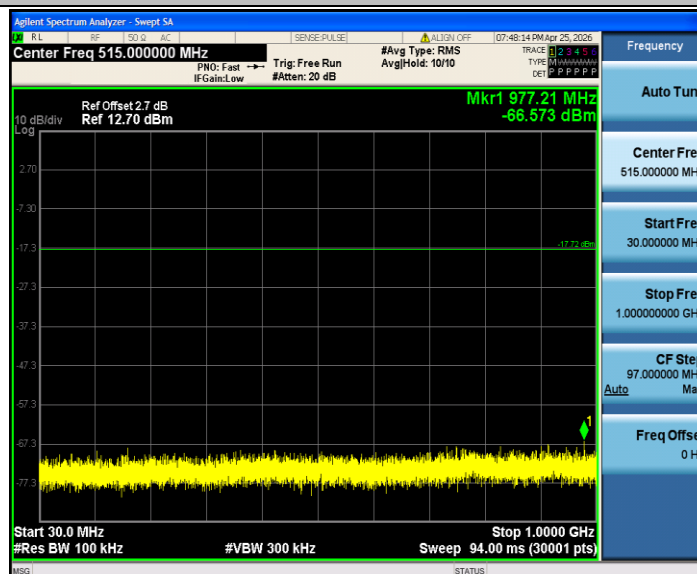
11B_Ant2_2412_1000~26500



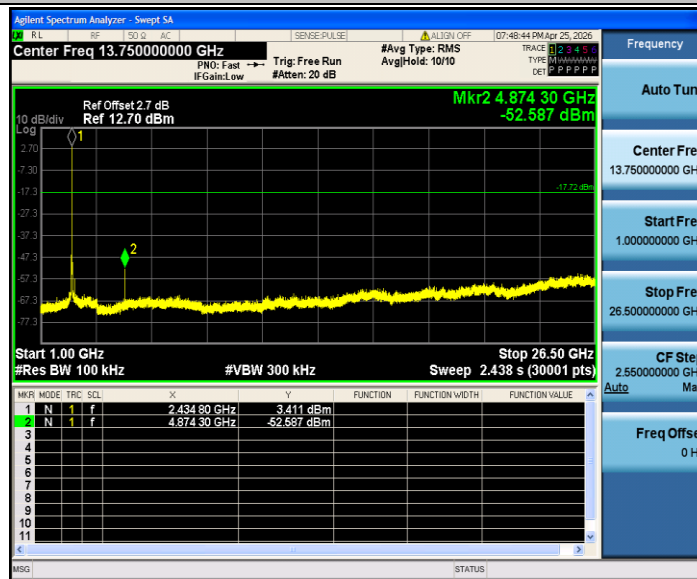
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



11B_Ant2_2437_1000~26500



11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000