Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.560	2408.440	2416.000	≥0.5	PASS
		2437	8.000	2432.960	2440.960	≥0.5	PASS
		2462	8.040	2457.960	2466.000	≥0.5	PASS
11G	Ant1	2412	15.440	2404.080	2419.520	≥0.5	PASS
		2437	15.440	2429.120	2444.560	≥0.5	PASS
		2462	15.120	2454.400	2469.520	≥0.5	PASS
11N20SISO	Ant1	2412	15.440	2404.080	2419.520	≥0.5	PASS
		2437	15.640	2429.080	2444.720	≥0.5	PASS
		2462	15.080	2454.440	2469.520	≥0.5	PASS
11N40SISO	Ant1	2422	35.520	2404.000	2439.520	≥0.5	PASS
		2437	35.440	2419.080	2454.520	≥0.5	PASS
		2452	35.760	2433.840	2469.600	≥0.5	PASS
11AX20SISO	Ant1	2412	14.560	2404.400	2418.960	≥0.5	PASS
		2437	14.840	2429.680	2444.520	≥0.5	PASS
		2462	15.560	2453.960	2469.520	≥0.5	PASS
11AX40SISO	Ant1	2422	37.760	2403.040	2440.800	≥0.5	PASS
		2437	34.800	2419.080	2453.880	≥0.5	PASS
		2452	36.880	2433.440	2470.320	≥0.5	PASS

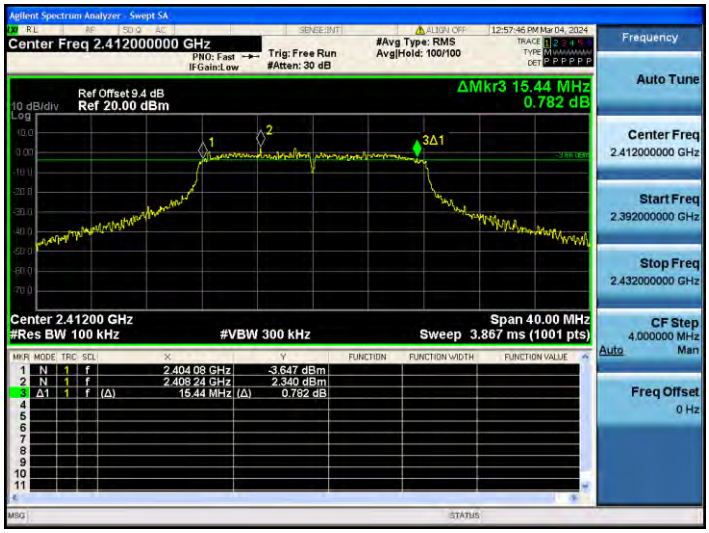
Test Graphs

11B_Ant1_2412

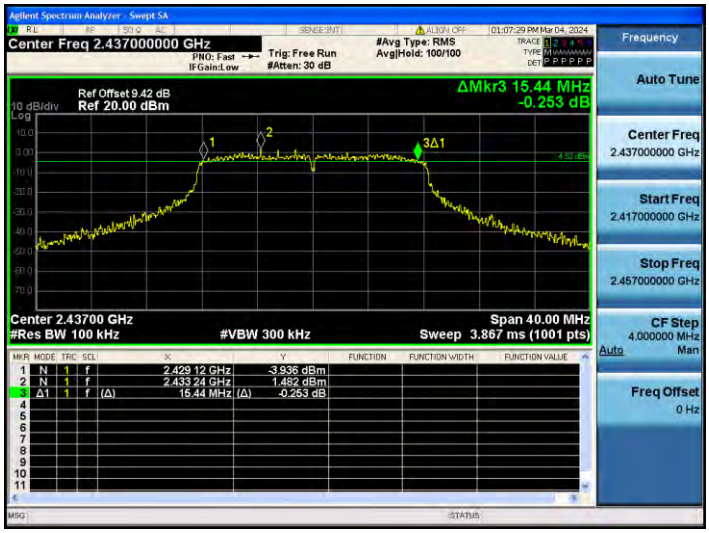
11B_Ant1_2437

11B_Ant1_2462

11G_Ant1_2412



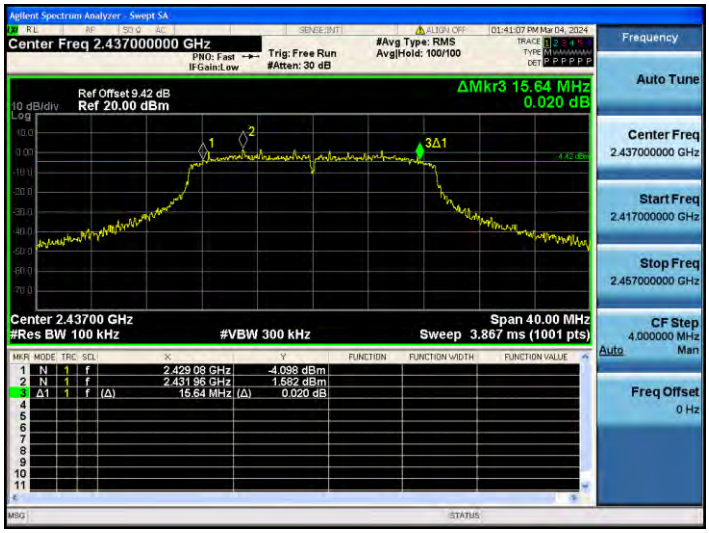
11G_Ant1_2437



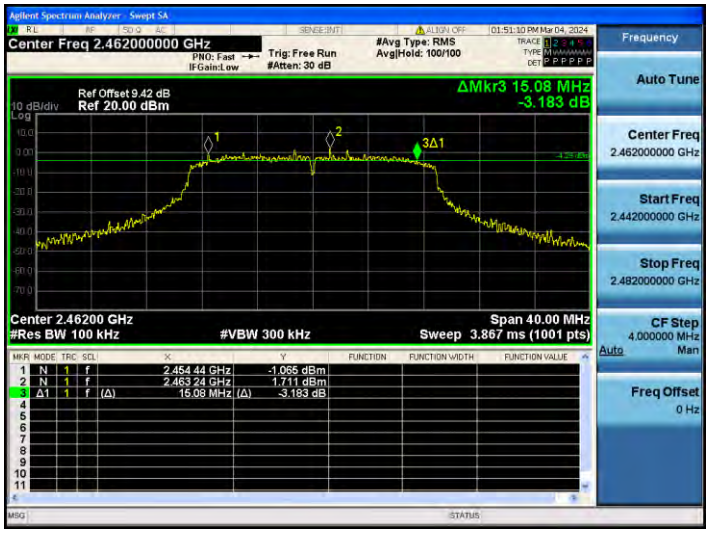
11G_Ant1_2462

11N20SISO_Ant1_2412

11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



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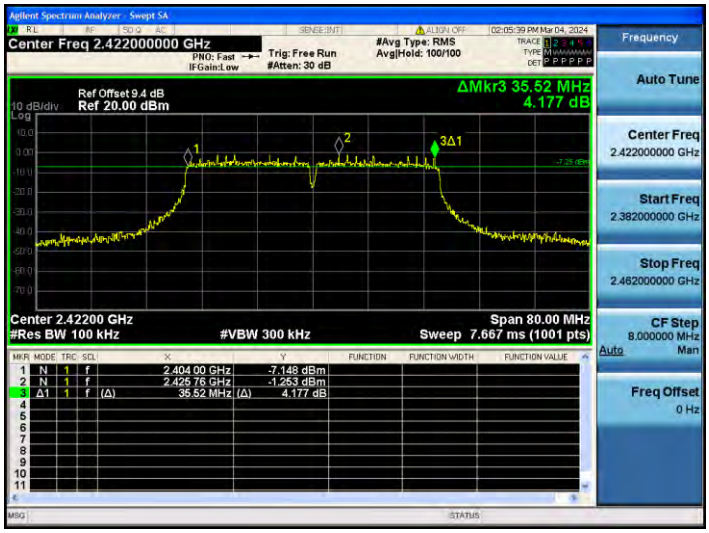

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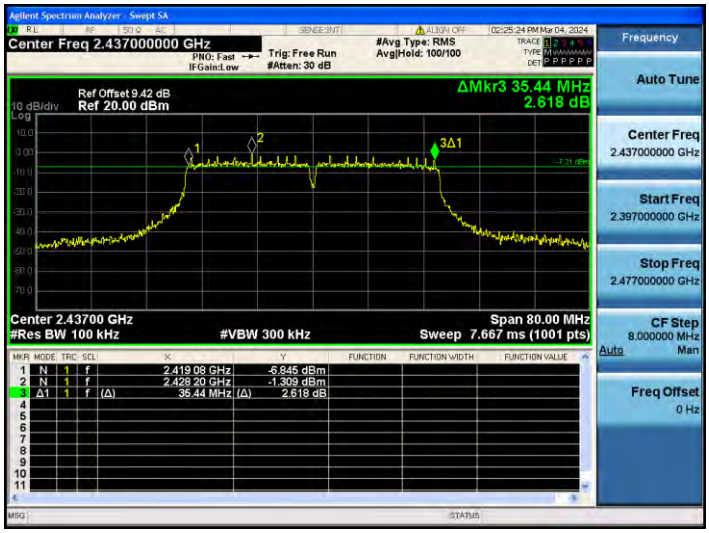
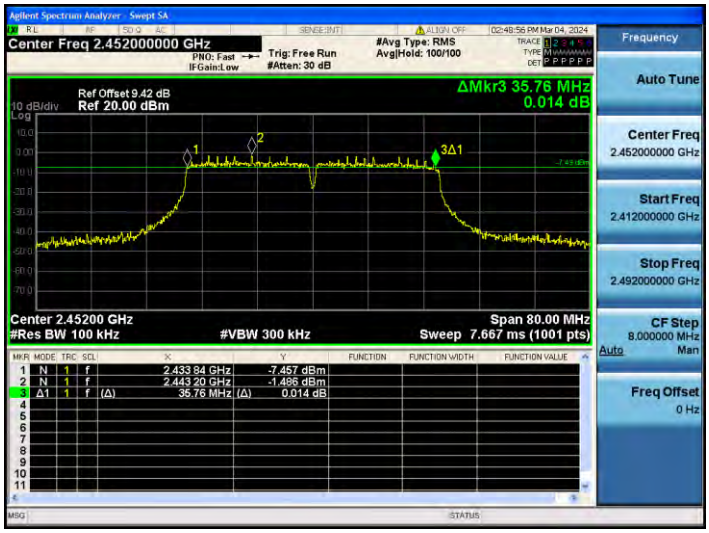
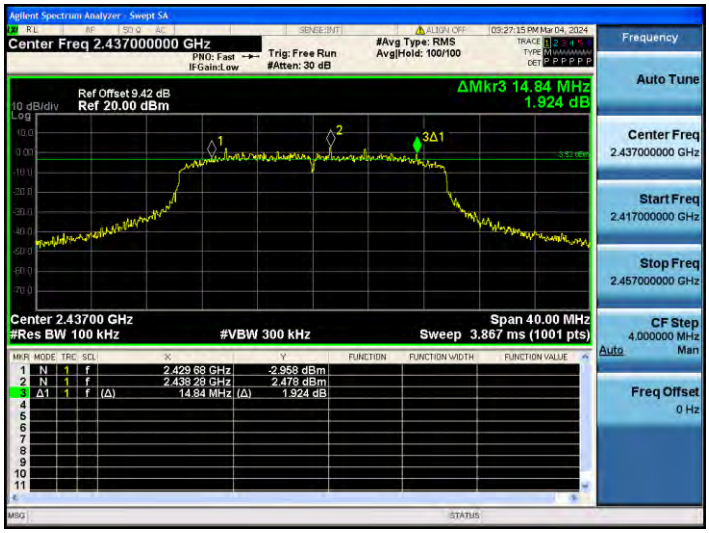


11N40SISO_Ant1_2452



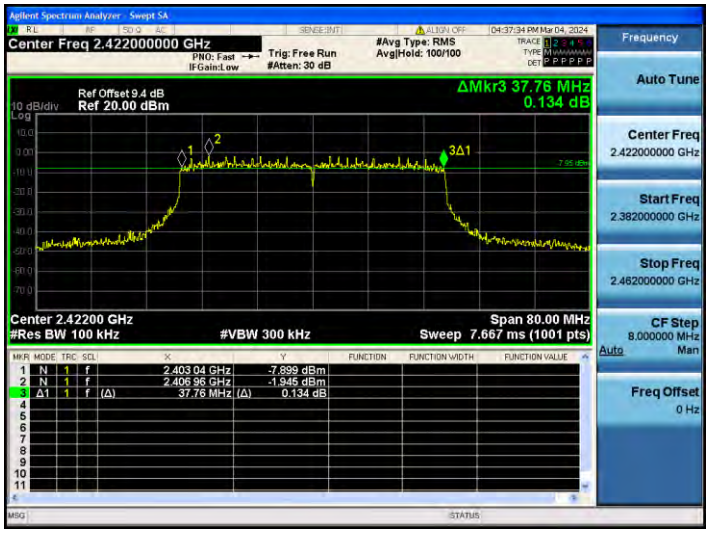
11AX20SISO_Ant1_2412

11AX20SISO_Ant1_2437

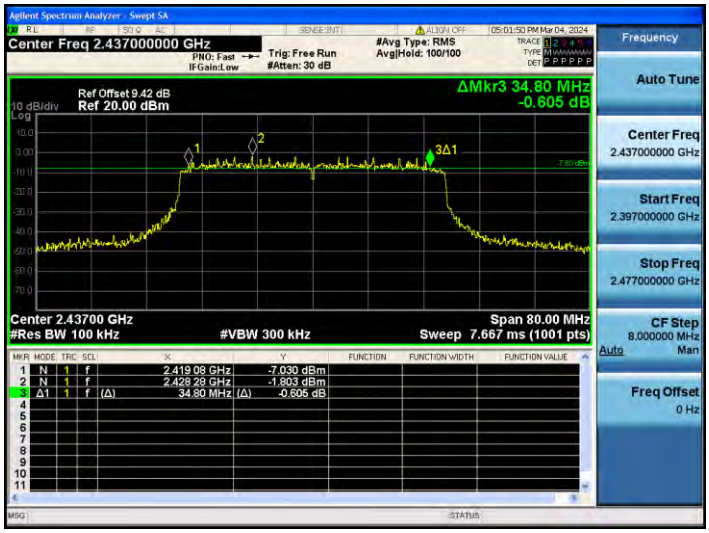


11AX20SISO_Ant1_2462

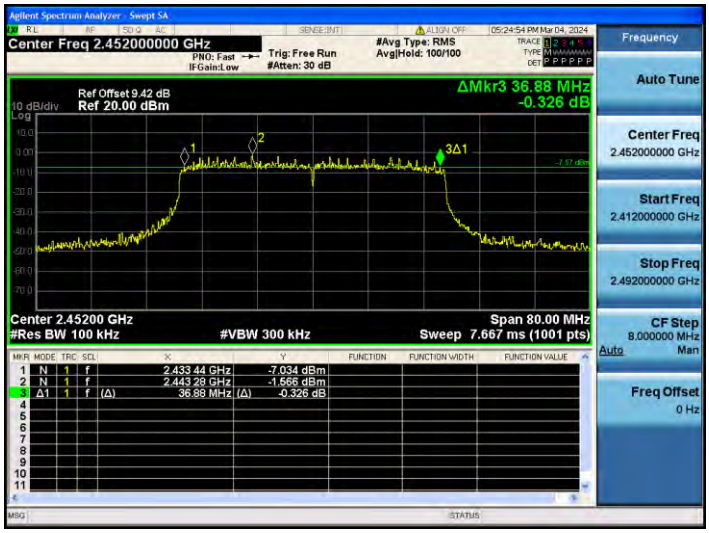
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.412	2405.7658	2418.1778	---	---
		2437	12.384	2430.8021	2443.1861	---	---
		2462	12.386	2455.7746	2468.1606	---	---
11G	Ant1	2412	16.438	2403.7622	2420.2002	---	---
		2437	16.445	2428.7639	2445.2089	---	---
		2462	16.419	2453.7601	2470.1791	---	---
11N20SISO	Ant1	2412	17.537	2403.1911	2420.7281	---	---
		2437	17.518	2428.2226	2445.7406	---	---
		2462	17.562	2453.1893	2470.7513	---	---
11N40SISO	Ant1	2422	36.565	2403.5621	2440.1271	---	---
		2437	36.537	2418.6330	2455.1700	---	---
		2452	36.618	2433.5597	2470.1777	---	---
11AX20SISO	Ant1	2412	18.751	2402.6046	2421.3556	---	---
		2437	18.831	2427.5863	2446.4173	---	---
		2462	18.762	2452.5951	2471.3571	---	---
11AX40SISO	Ant1	2422	37.878	2403.0190	2440.8970	---	---
		2437	37.792	2418.0196	2455.8116	---	---
		2452	37.725	2433.0773	2470.8023	---	---

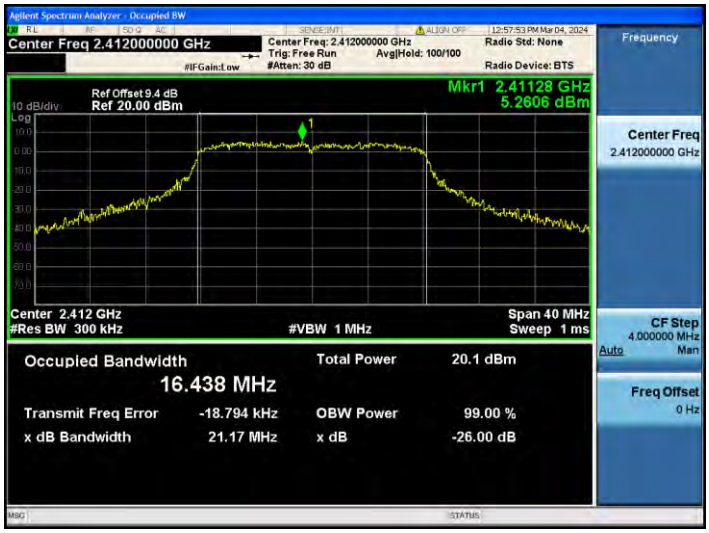
Test Graphs

11B_Ant1_2412

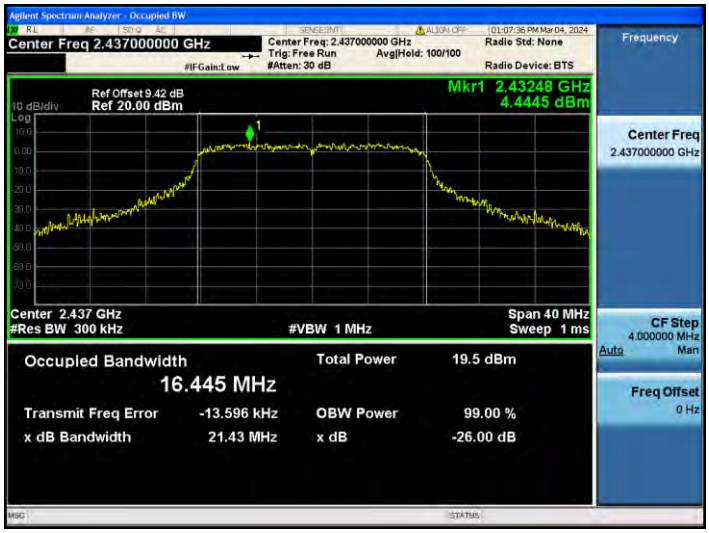
11B_Ant1_2437

11B_Ant1_2462

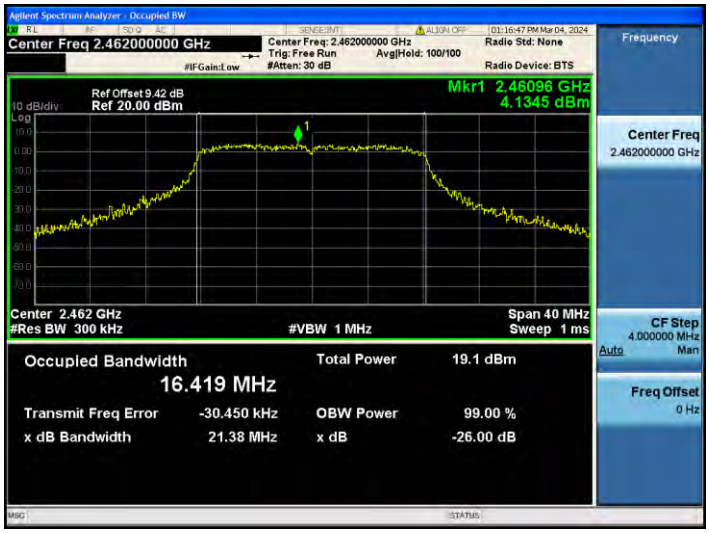
11G_Ant1_2412



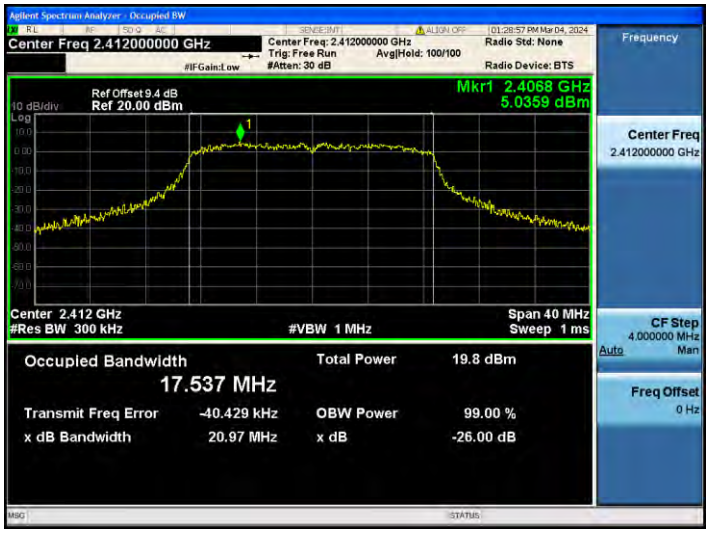
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



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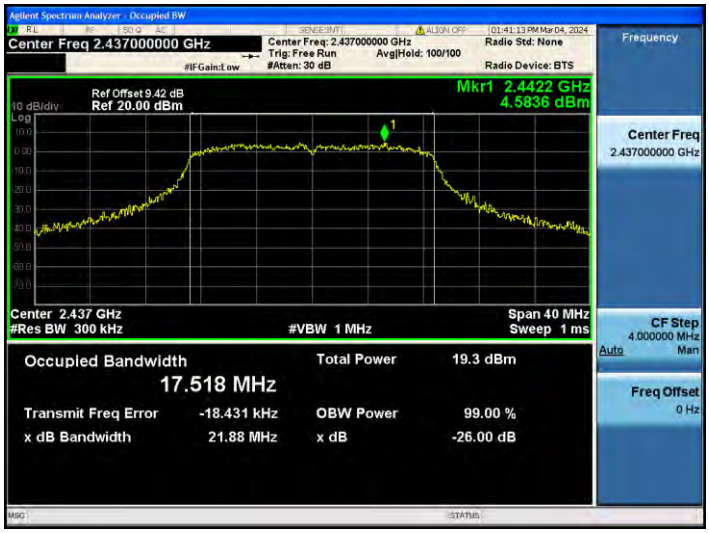

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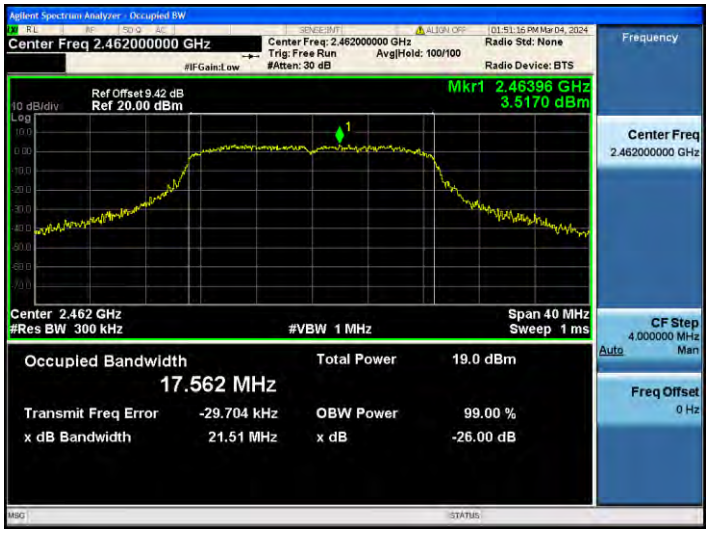
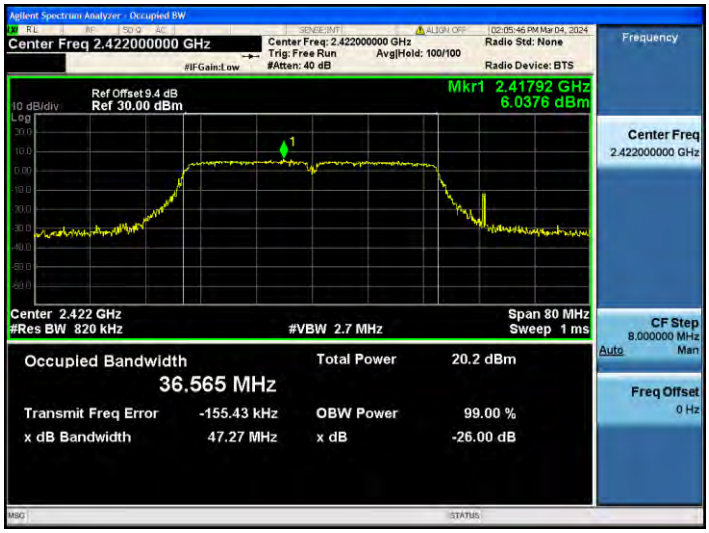
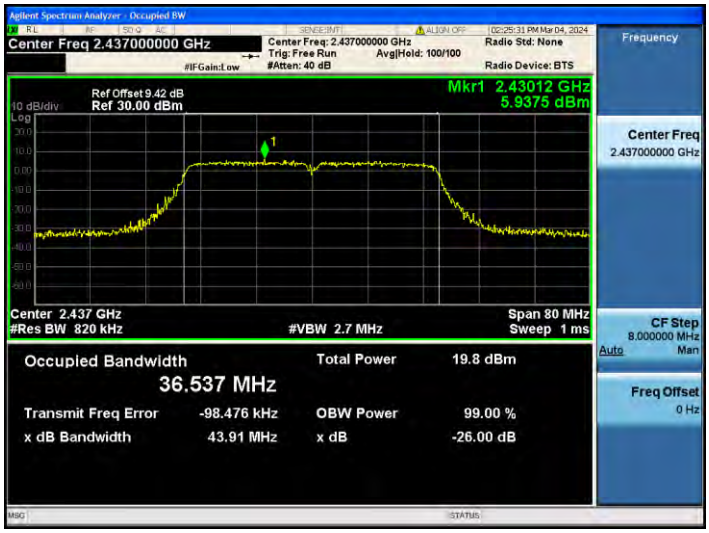


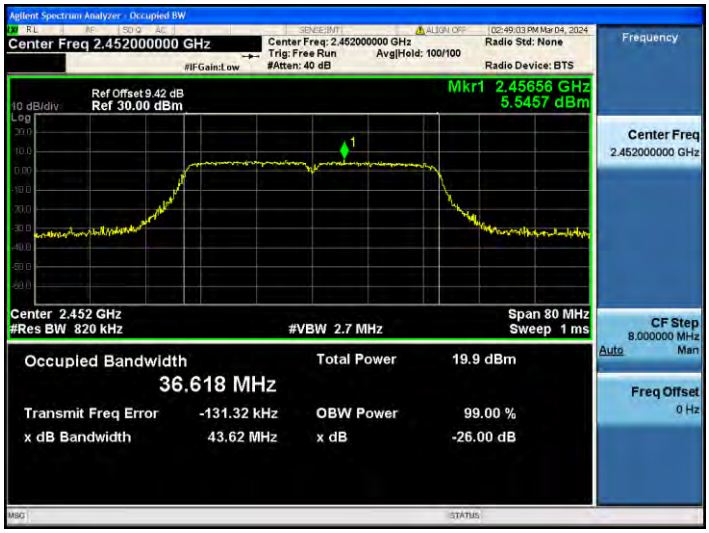
11N40SISO_Ant1_2422



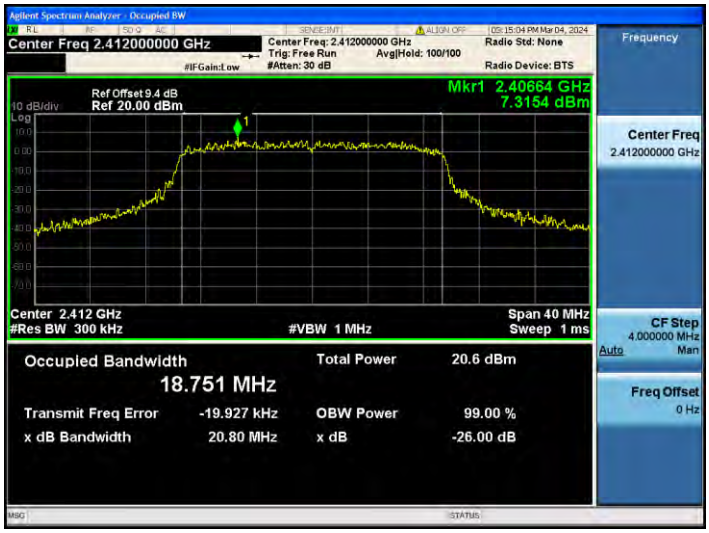
11N40SISO_Ant1_2437



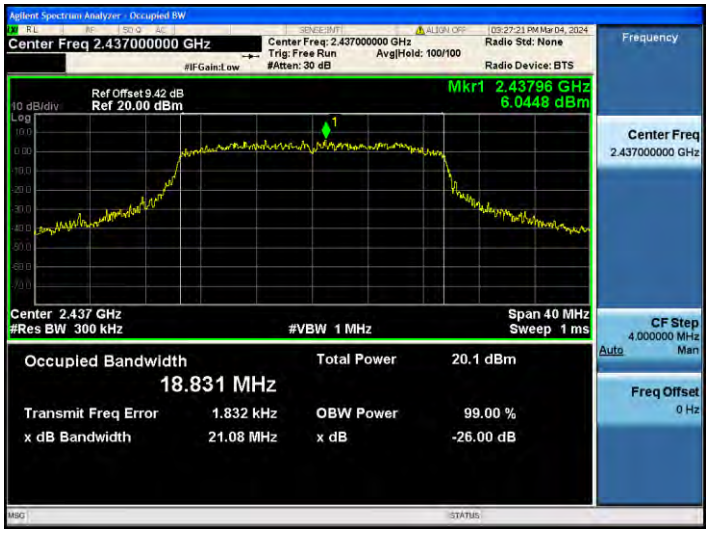
11N40SISO_Ant1_2452



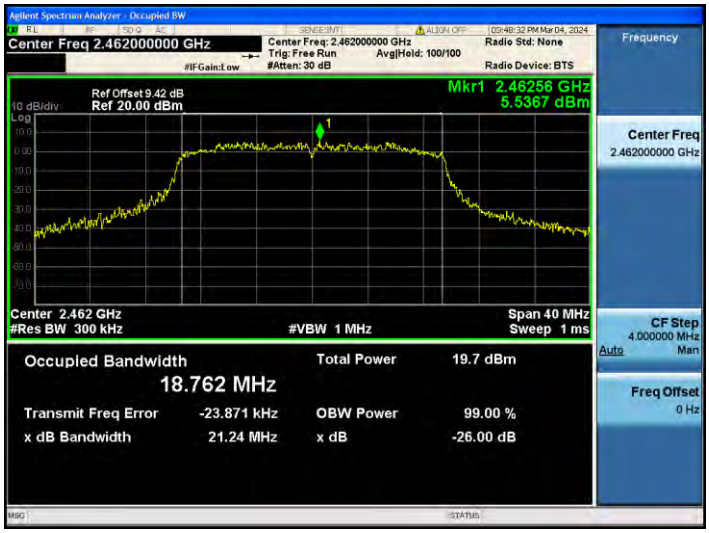
11AX20SISO_Ant1_2412



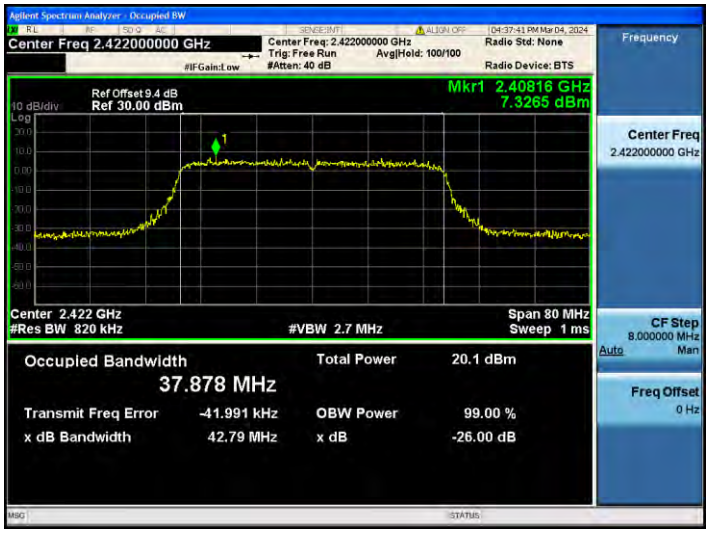
11AX20SISO_Ant1_2437



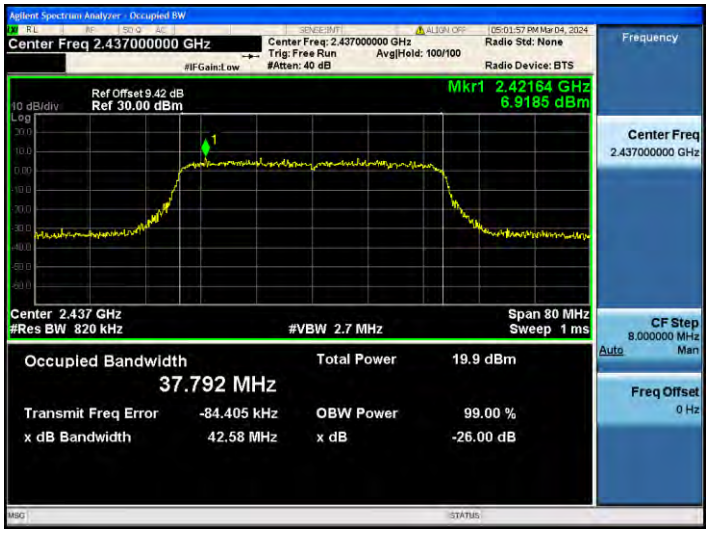
11AX20SISO_Ant1_2462



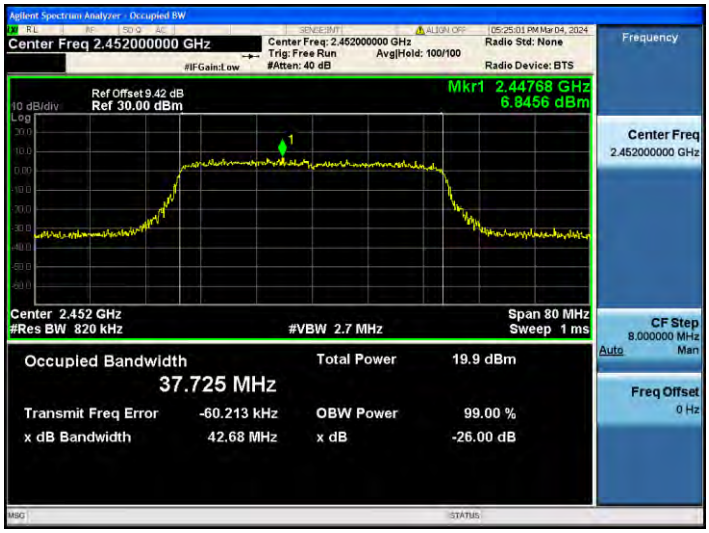
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Level [dBm]	10Log(1/X) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.25	0.06	16.31	≤30.00	PASS
		2437	15.89	0.06	15.95	≤30.00	PASS
		2462	15.43	0.08	15.51	≤30.00	PASS
11G	Ant1	2412	13.73	0.45	14.18	≤30.00	PASS
		2437	13.29	0.39	13.68	≤30.00	PASS
		2462	12.74	0.37	13.11	≤30.00	PASS
11N20SISO	Ant1	2412	13.56	0.40	13.96	≤30.00	PASS
		2437	13.02	0.40	13.42	≤30.00	PASS
		2462	12.75	0.42	13.17	≤30.00	PASS
11N40SISO	Ant1	2422	12.40	0.78	13.18	≤30.00	PASS
		2437	12.52	0.70	13.22	≤30.00	PASS
		2452	12.52	0.78	13.30	≤30.00	PASS
11AX20SISO	Ant1	2412	13.34	0.67	14.01	≤30.00	PASS
		2437	12.78	0.48	13.26	≤30.00	PASS
		2462	12.25	0.51	12.76	≤30.00	PASS
11AX40SISO	Ant1	2422	11.76	0.95	12.71	≤30.00	PASS
		2437	11.37	0.92	12.29	≤30.00	PASS
		2452	11.55	0.85	12.40	≤30.00	PASS

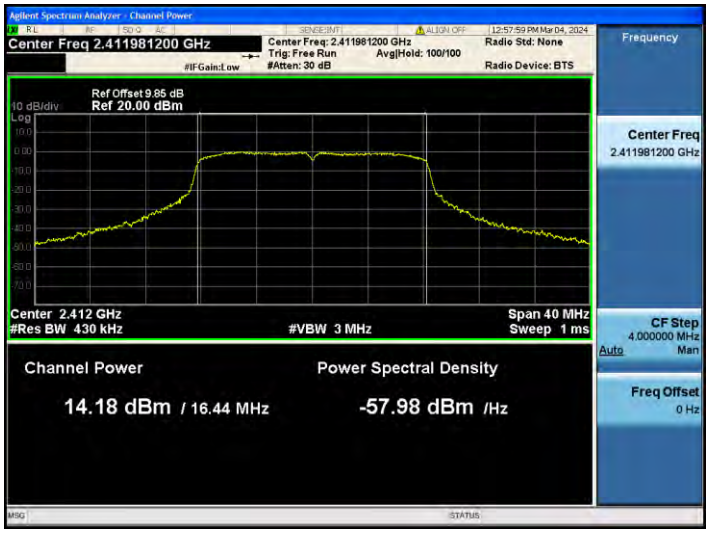
Test Graphs

11B_Ant1_2412

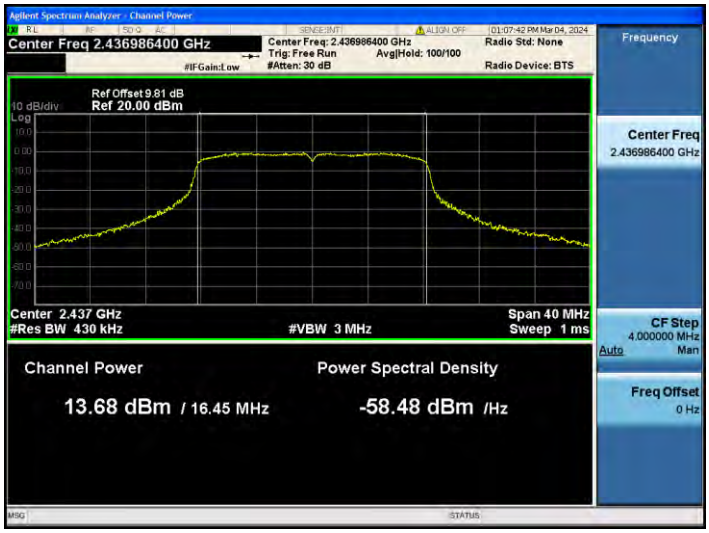
11B_Ant1_2437

11B_Ant1_2462

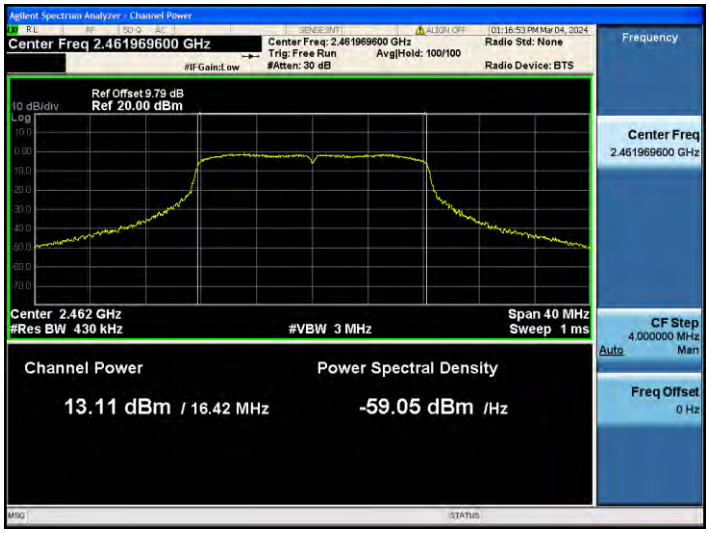
11G_Ant1_2412



11G_Ant1_2437



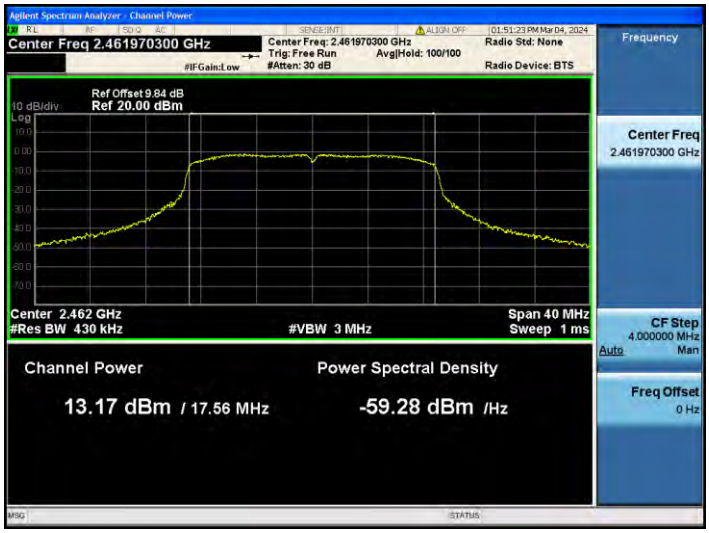
11G_Ant1_2462



11N20SISO_Ant1_2412

11N20SISO_Ant1_2437

11N20SISO_Ant1_2462



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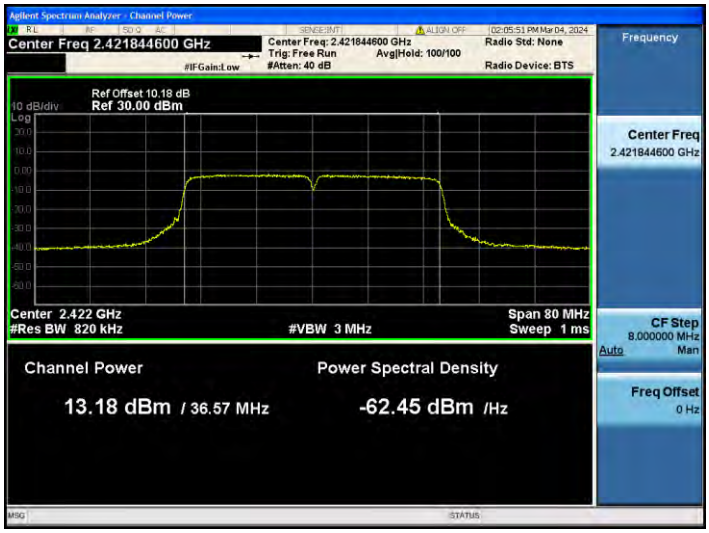

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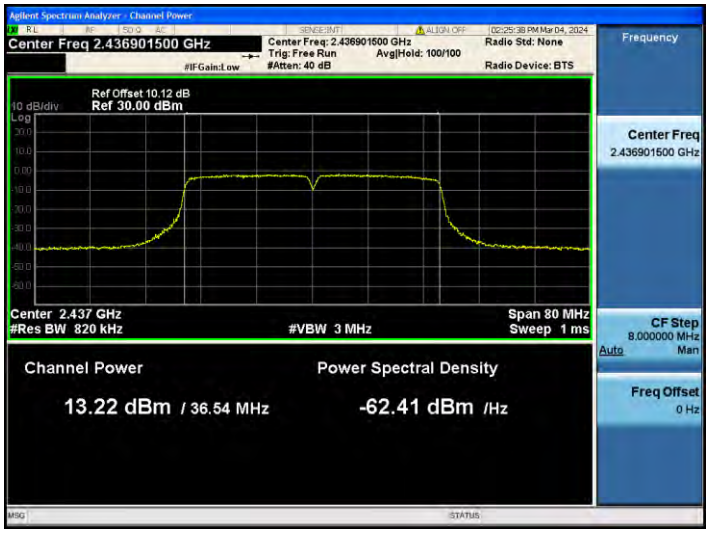
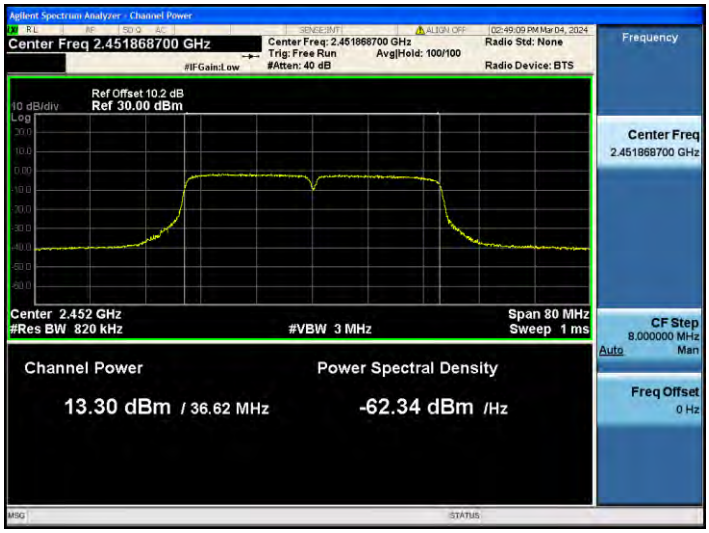
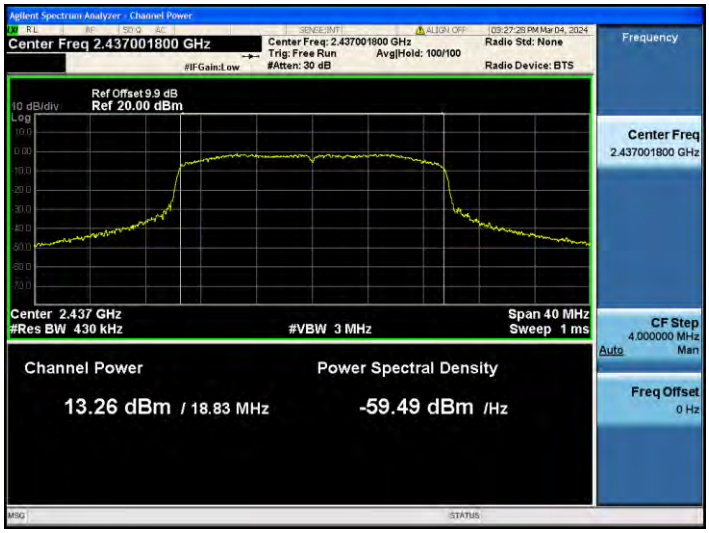


11N40SISO_Ant1_2452

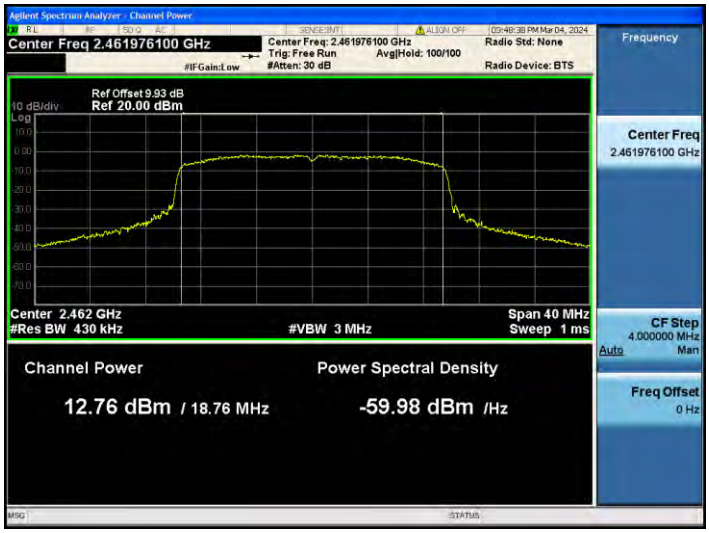


11AX20SISO_Ant1_2412

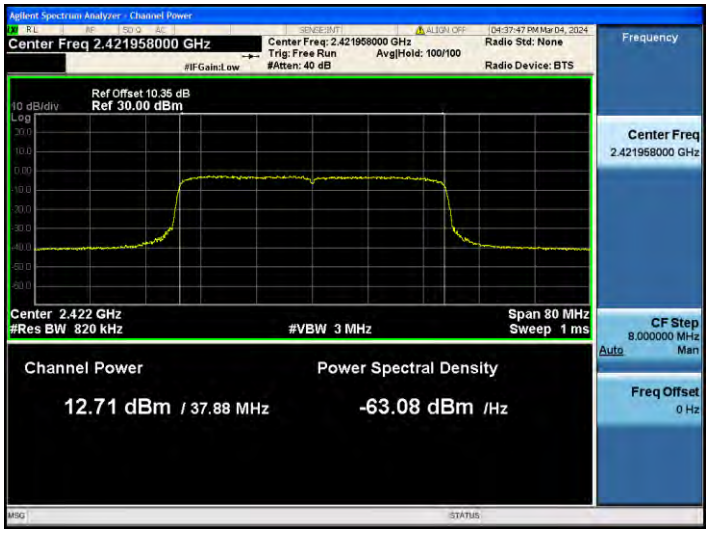
11AX20SISO_Ant1_2437



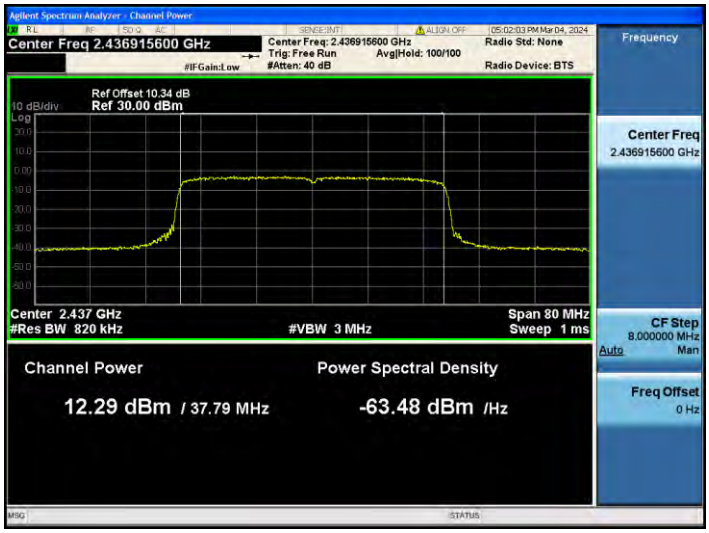
11AX20SISO_Ant1_2462



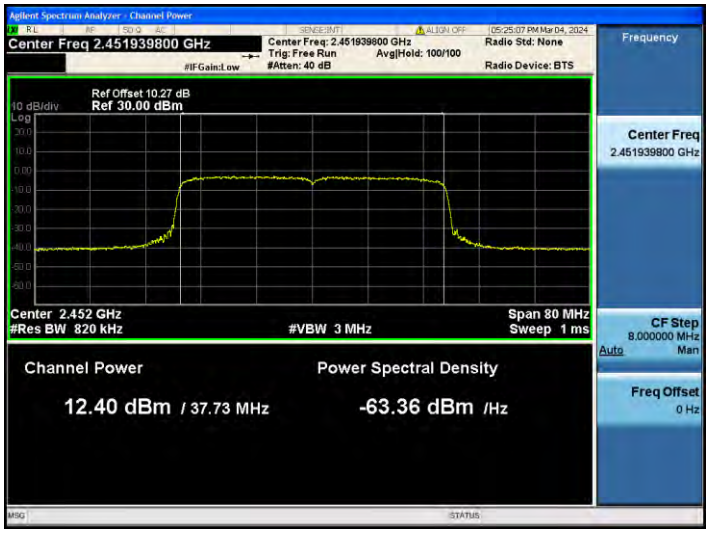
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Level [dBm/3-100kHz]	10Log(1/X) Factor [dB]	PSD [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-15.34	0.06	-15.28	≤8.00	PASS
		2437	-15.77	0.06	-15.71	≤8.00	PASS
		2462	-16.17	0.08	-16.09	≤8.00	PASS
11G	Ant1	2412	-20.84	0.45	-20.39	≤8.00	PASS
		2437	-21.48	0.39	-21.09	≤8.00	PASS
		2462	-21.83	0.37	-21.46	≤8.00	PASS
11N20SISO	Ant1	2412	-21.11	0.40	-20.71	≤8.00	PASS
		2437	-21.63	0.40	-21.23	≤8.00	PASS
		2462	-21.89	0.42	-21.47	≤8.00	PASS
11N40SISO	Ant1	2422	-25.42	0.78	-24.64	≤8.00	PASS
		2437	-25.76	0.70	-25.06	≤8.00	PASS
		2452	-25.63	0.78	-24.85	≤8.00	PASS
11AX20SISO	Ant1	2412	-22.67	0.67	-22	≤8.00	PASS
		2437	-23.10	0.48	-22.62	≤8.00	PASS
		2462	-23.33	0.51	-22.82	≤8.00	PASS
11AX40SISO	Ant1	2422	-27.48	0.95	-26.53	≤8.00	PASS
		2437	-27.79	0.92	-26.87	≤8.00	PASS
		2452	-27.65	0.85	-26.8	≤8.00	PASS

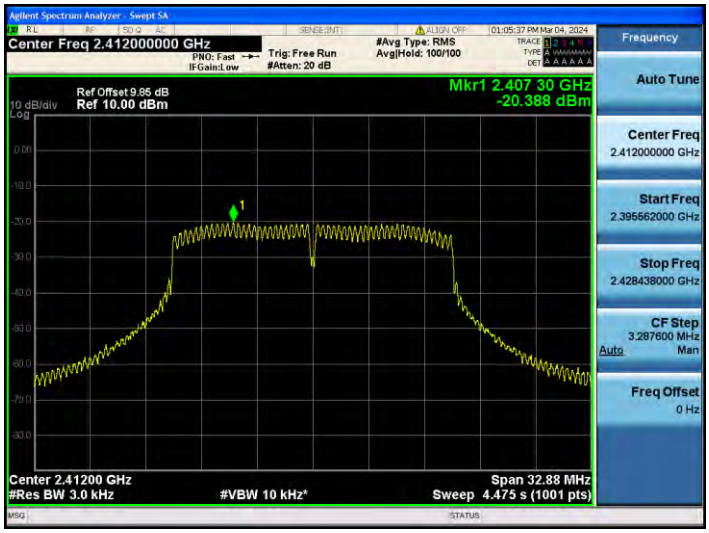
Test Graphs

11B_Ant1_2412

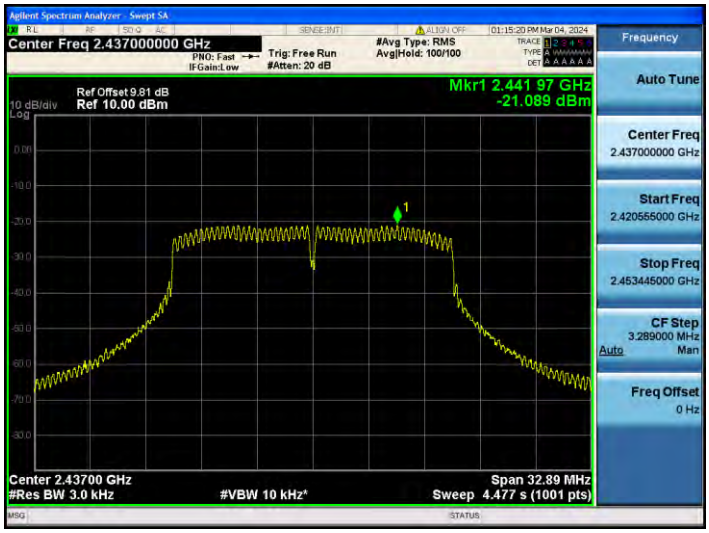
11B_Ant1_2437

11B_Ant1_2462

11G_Ant1_2412

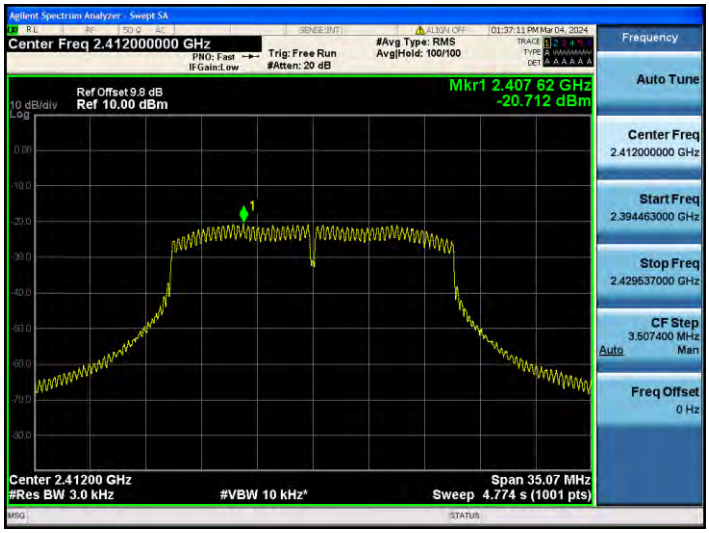


11G_Ant1_2437



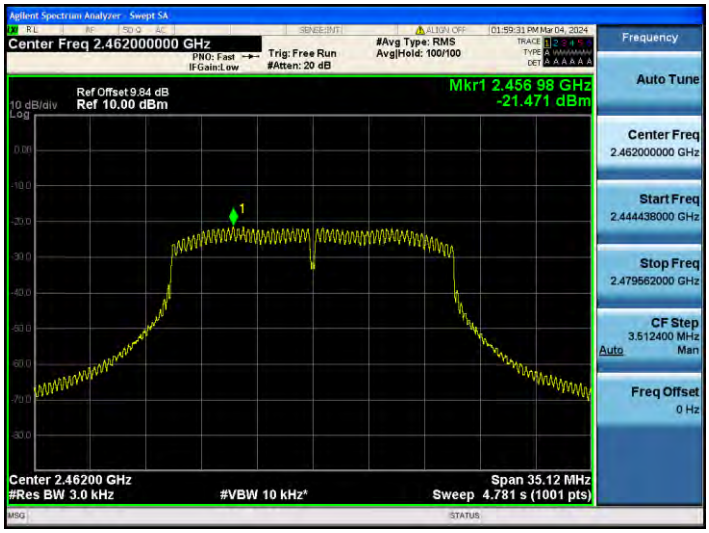
11G_Ant1_2462

11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

11N40SISO_Ant1_2437

11N40SISO_Ant1_2452

11AX20SISO_Ant1_2412

11AX20SISO_Ant1_2437

11AX20SISO_Ant1_2462

11AX40SISO_Ant1_2422

11AX40SISO_Ant1_2437

11AX40SISO_Ant1_2452

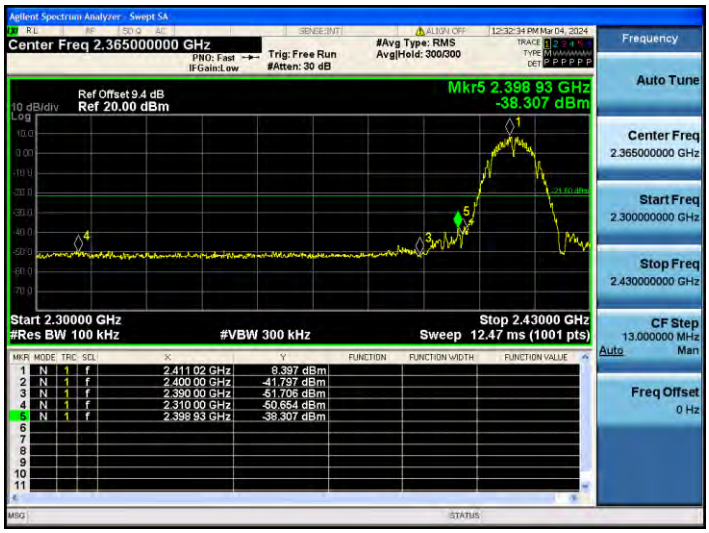
Appendix E: Band edge measurements

Test Result

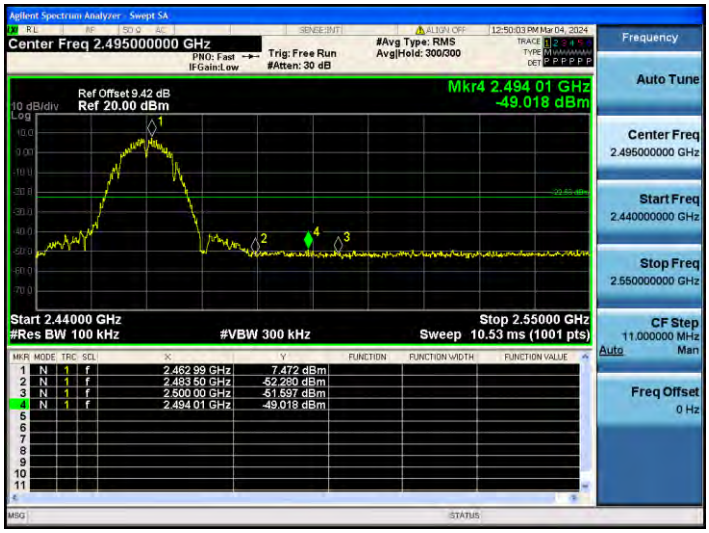
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.40	-38.31	≤-21.6	PASS
		High	2462	7.47	-49.02	≤-22.53	PASS
11G	Ant1	Low	2412	2.88	-28.29	≤-27.12	PASS
		High	2462	1.41	-48.31	≤-28.59	PASS
11N20SISO	Ant1	Low	2412	3.04	-29.82	≤-26.96	PASS
		High	2462	1.99	-46.68	≤-28.01	PASS
11N40SISO	Ant1	Low	2422	-1.20	-33.65	≤-31.2	PASS
		High	2452	-0.98	-41.83	≤-30.98	PASS
11AX20SISO	Ant1	Low	2412	3.18	-28.48	≤-26.82	PASS
		High	2462	2.11	-46.66	≤-27.89	PASS
11AX40SISO	Ant1	Low	2422	-1.87	-35.4	≤-31.87	PASS
		High	2452	-1.65	-44.27	≤-31.65	PASS

Test Graphs

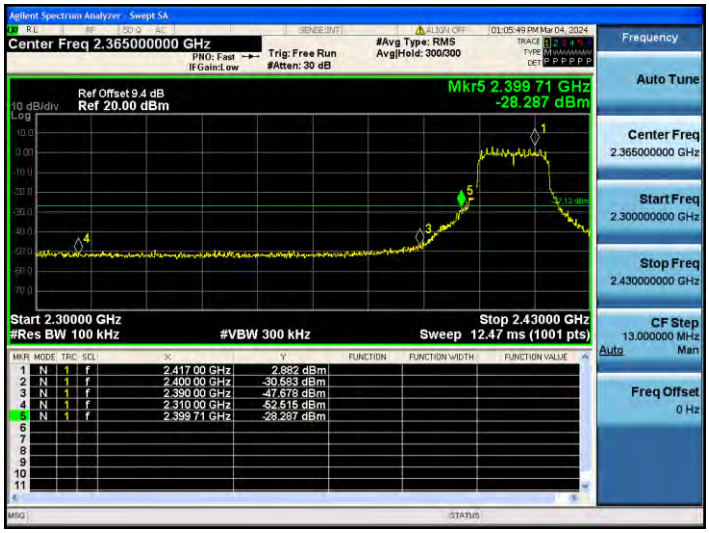
11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



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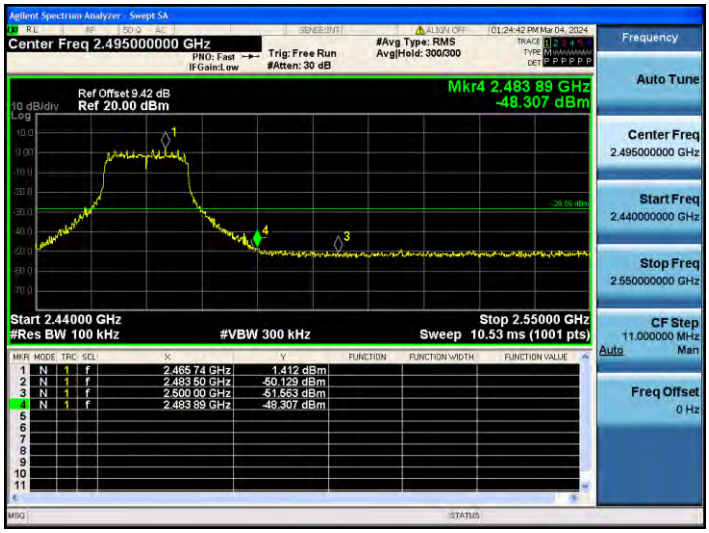

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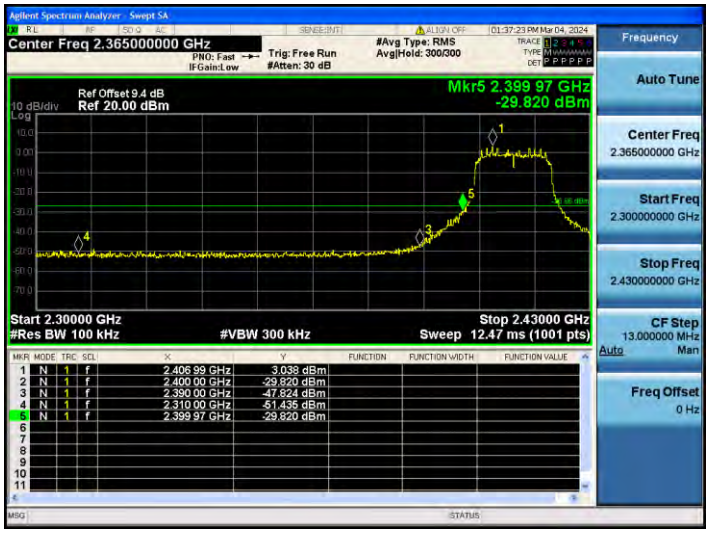
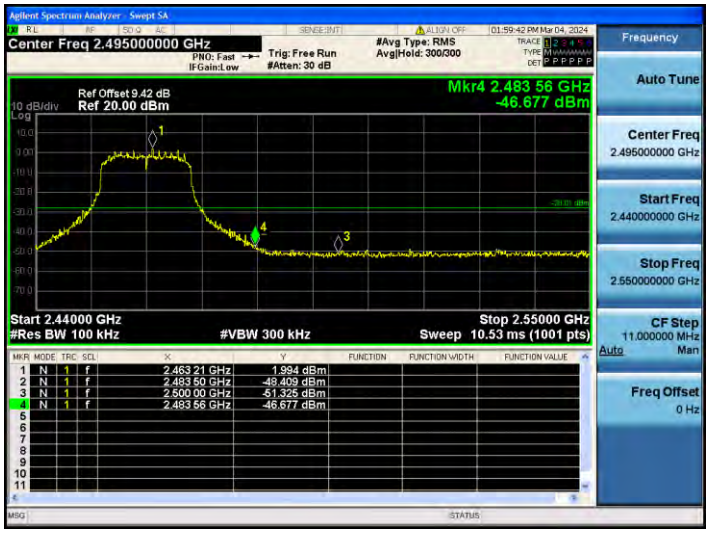


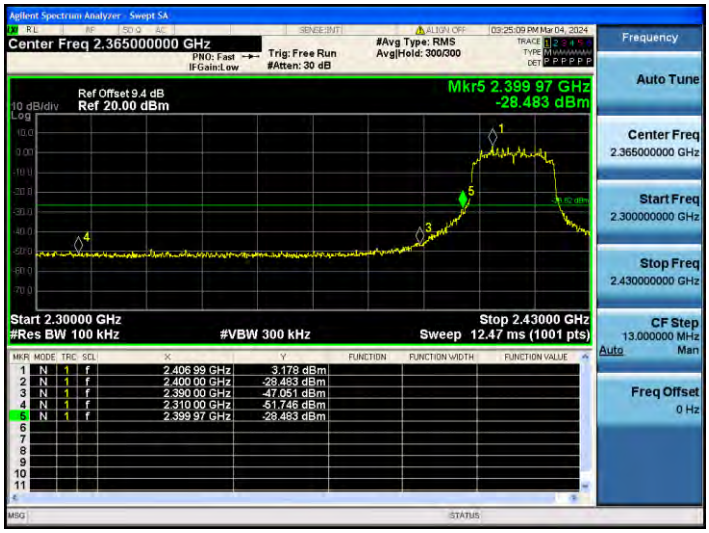
11N20SISO_Ant1_High_2462



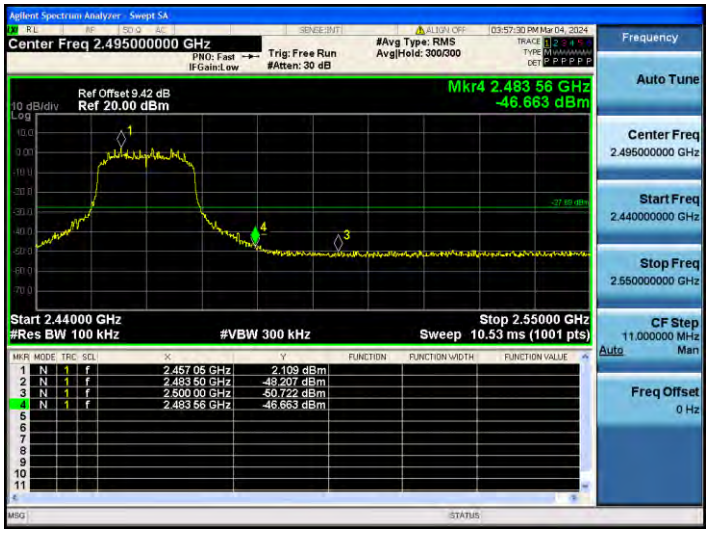
11N40SISO_Ant1_Low_2422

11N40SISO_Ant1_High_2452

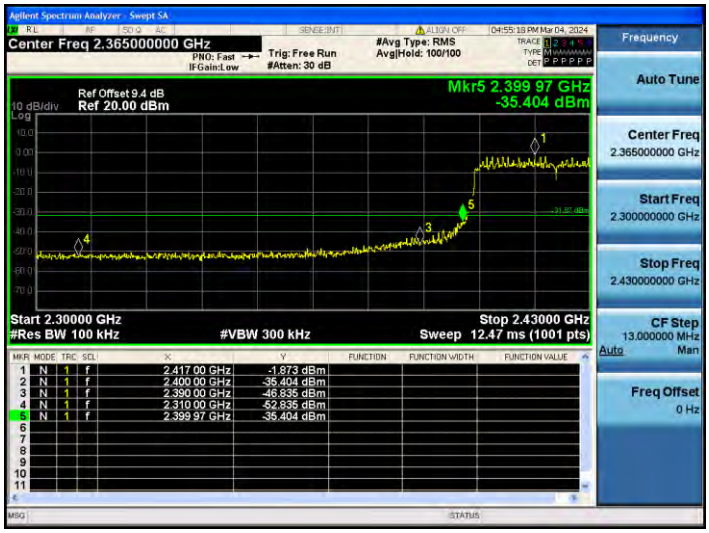
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452