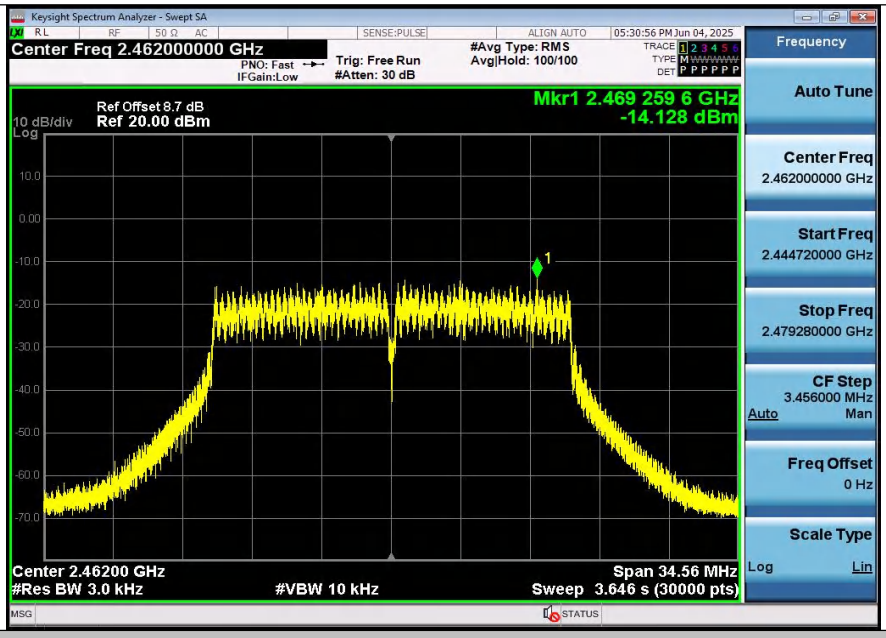
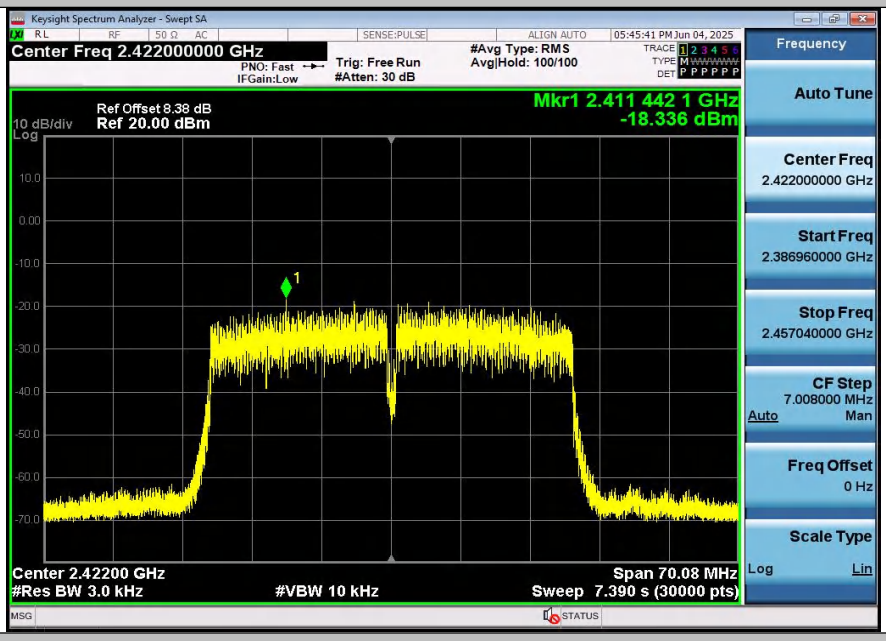
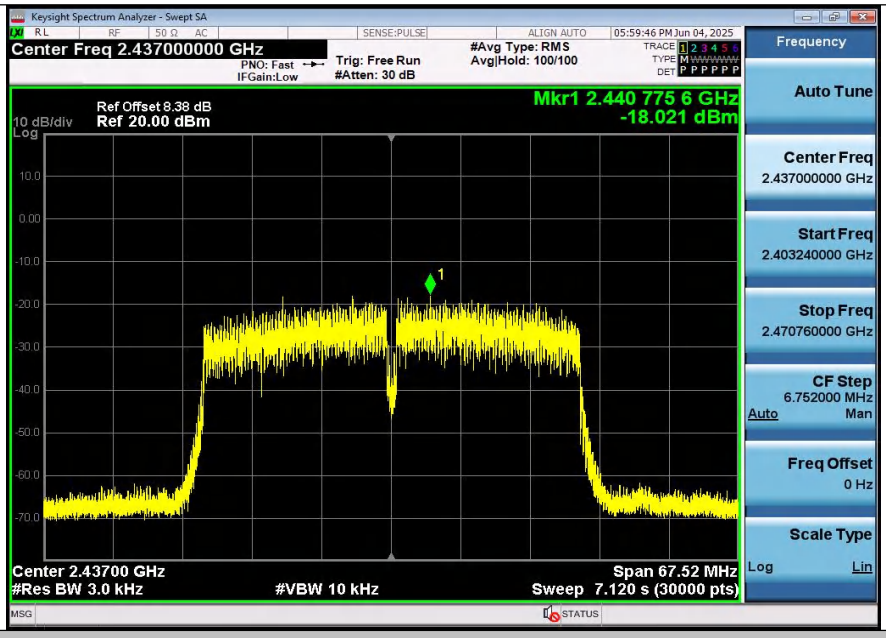


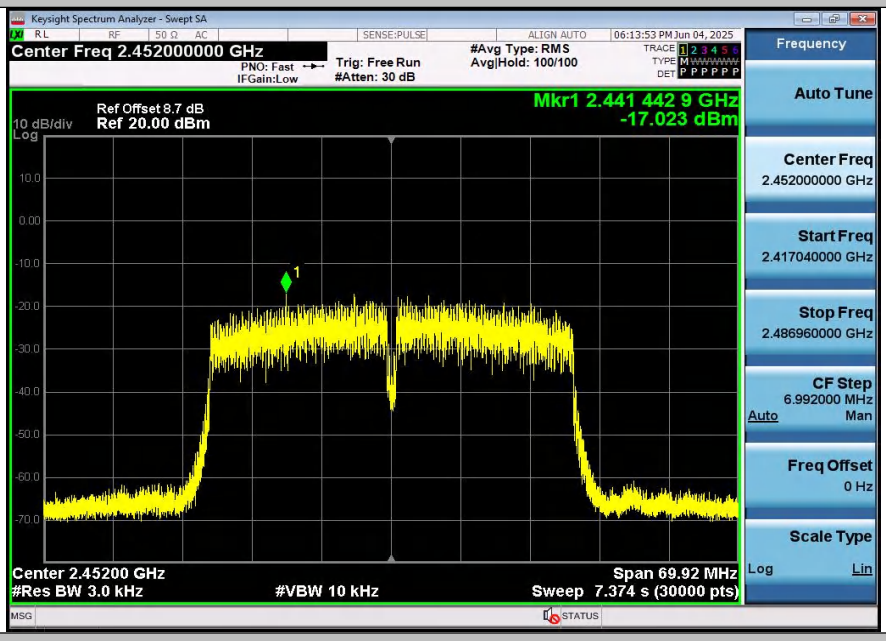
11N20SISO-Ant2-2462-PASS



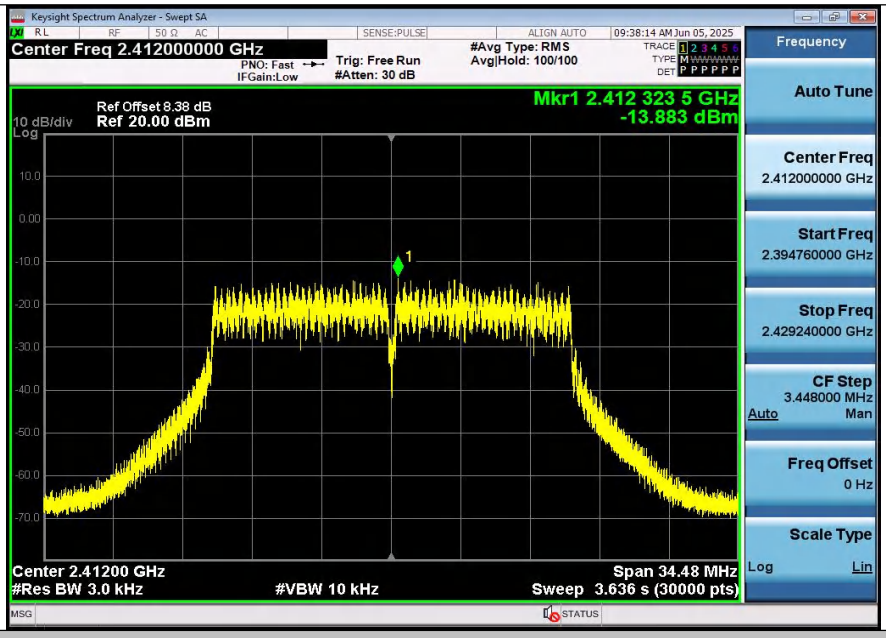
11N40SISO-Ant2-2422-PASS



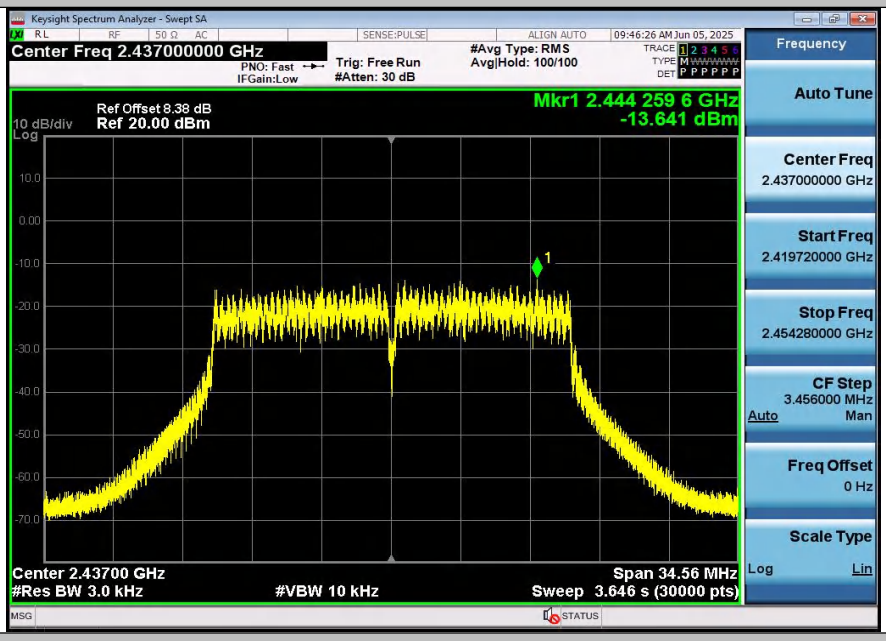
11N40SISO-Ant2-2437-PASS



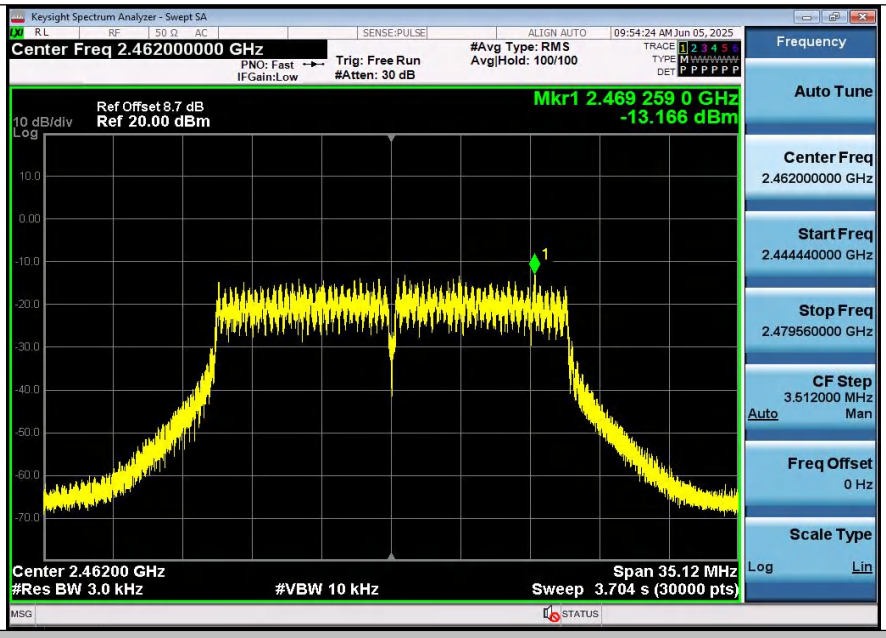
11N40SISO-Ant2-2452-PASS



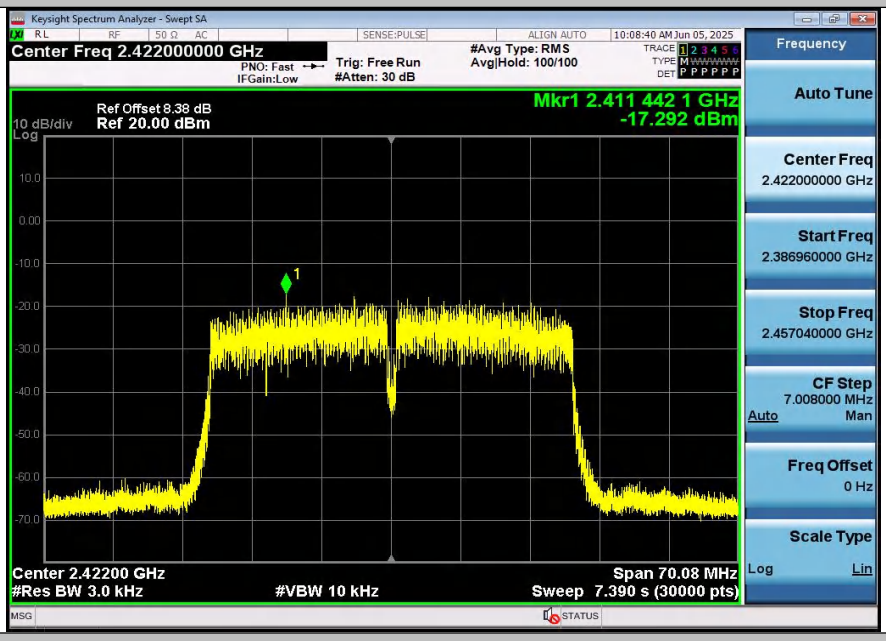
11AX20SISO-Ant2-2412-PASS



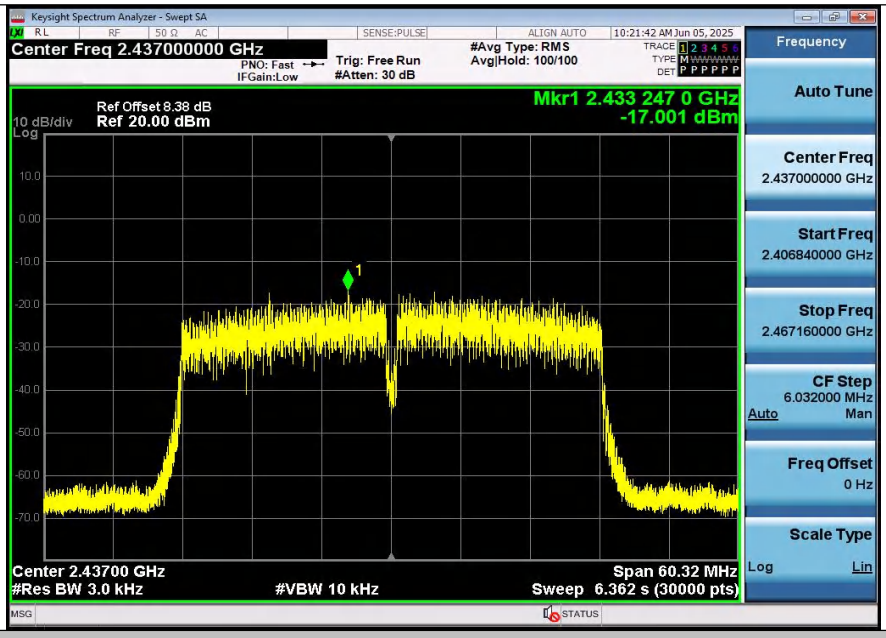
11AX20SISO-Ant2-2437-PASS



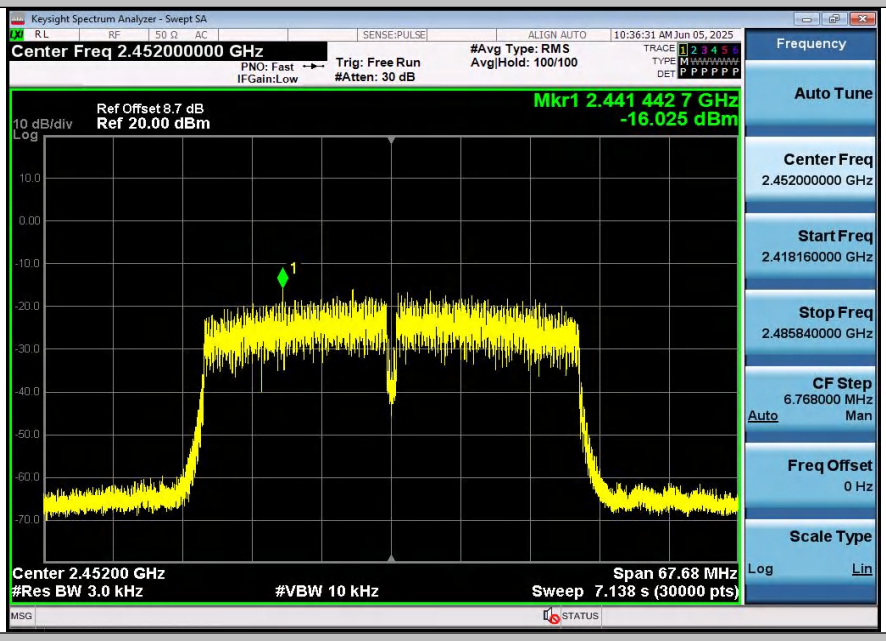
11AX20SISO-Ant2-2462-PASS



11AX40SISO-Ant2-2422-PASS



11AX40SISO-Ant2-2437-PASS



11AX40SISO-Ant2-2452-PASS

MIMO

Type	Channel	Power Spectral Density (dBm/3KHz) ANT1	Power Spectral Density (dBm/3KHz) ANT2	Power Spectral Density (dBm/3KHz) MIMO	Limit (dBm/3KHz)	Result
802.11n HT20	01	-16.17	-15.82	-12.98	6.01	Pass
	06	-15.14	-14.72	-11.91		
	11	-14.37	-14.13	-11.24		
802.11n HT40	03	-18.58	-18.34	-15.45	6.01	Pass
	06	-17.77	-18.02	-14.88		
	09	-17.33	-17.02	-14.16		
802.11ax HE20	01	-16.04	-13.88	-11.82	6.01	Pass
	06	-15.09	-13.64	-11.29		
	11	-14.26	-13.17	-10.67		
802.11ax HE40	03	-18.63	-17.29	-14.90	6.01	Pass
	06	-17.84	-17.00	-14.39		
	09	-17.50	-16.03	-13.69		

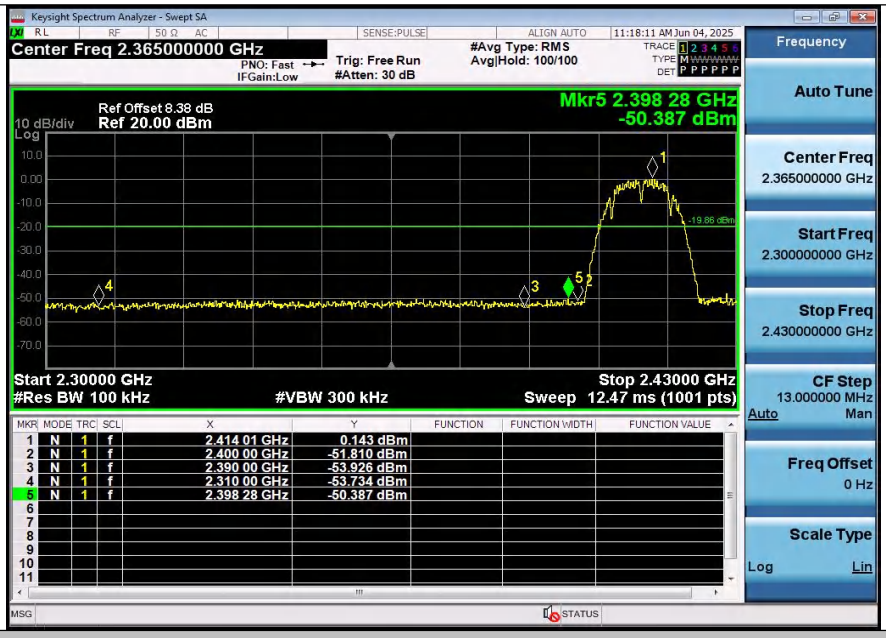
Appendix D: Band edge measurements

Ant 1

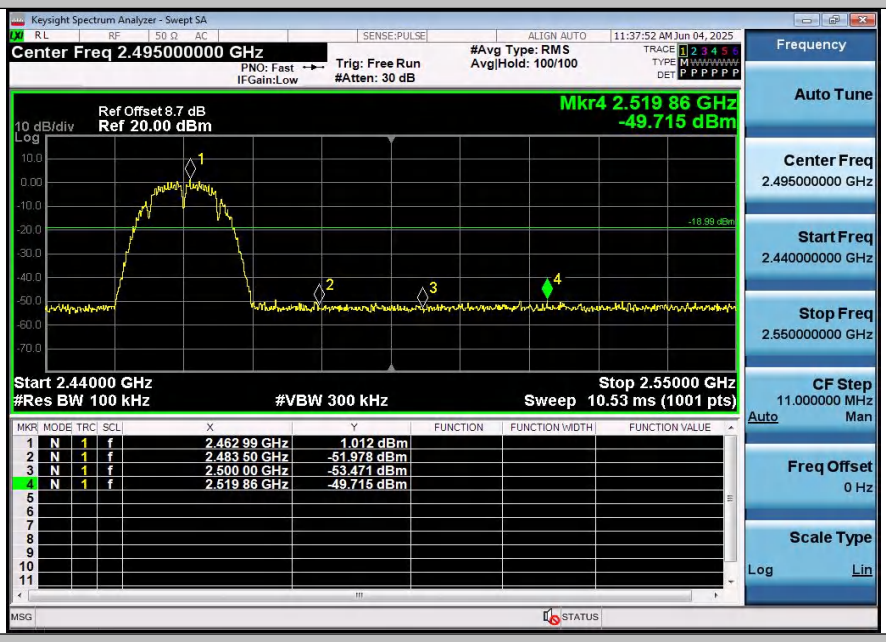
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.14	-50.39	≤-19.86	PASS
11B	Ant1	High	2462	1.01	-49.72	≤-18.99	PASS
11G	Ant1	Low	2412	-3.35	-42.61	≤-23.35	PASS
11G	Ant1	High	2462	-0.66	-50.01	≤-20.66	PASS
11N20SISO	Ant1	Low	2412	-3.09	-39.01	≤-23.09	PASS
11N20SISO	Ant1	High	2462	-0.81	-50.23	≤-20.81	PASS
11N40SISO	Ant1	Low	2422	-4.20	-49.9	≤-24.2	PASS
11N40SISO	Ant1	High	2452	-3.62	-49.88	≤-23.62	PASS
11AX20SISO	Ant1	Low	2412	-2.34	-40.18	≤-22.34	PASS
11AX20SISO	Ant1	High	2462	-0.61	-50.17	≤-20.61	PASS
11AX40SISO	Ant1	Low	2422	-4.14	-49.83	≤-24.14	PASS
11AX40SISO	Ant1	High	2452	-3.44	-49.99	≤-23.44	PASS

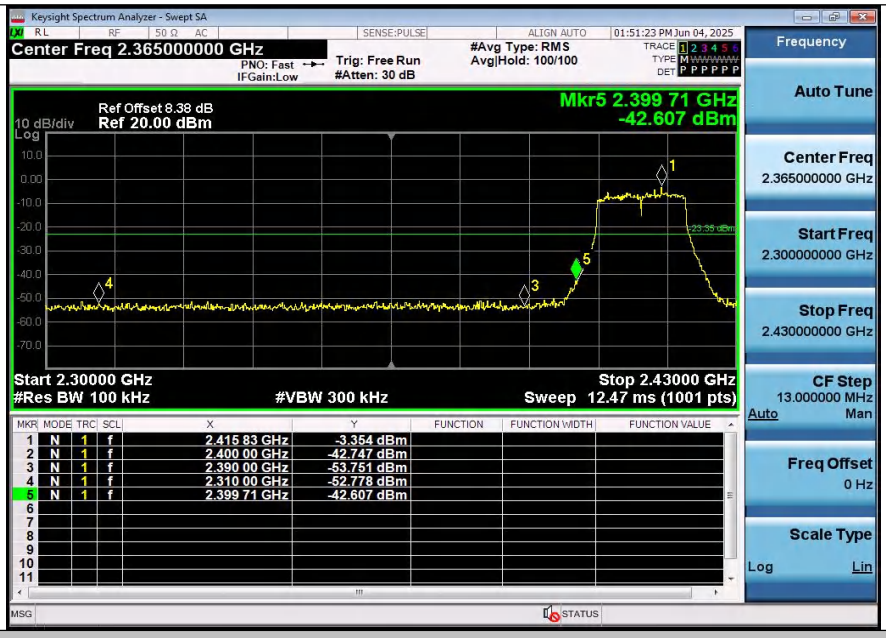
Test Graphs



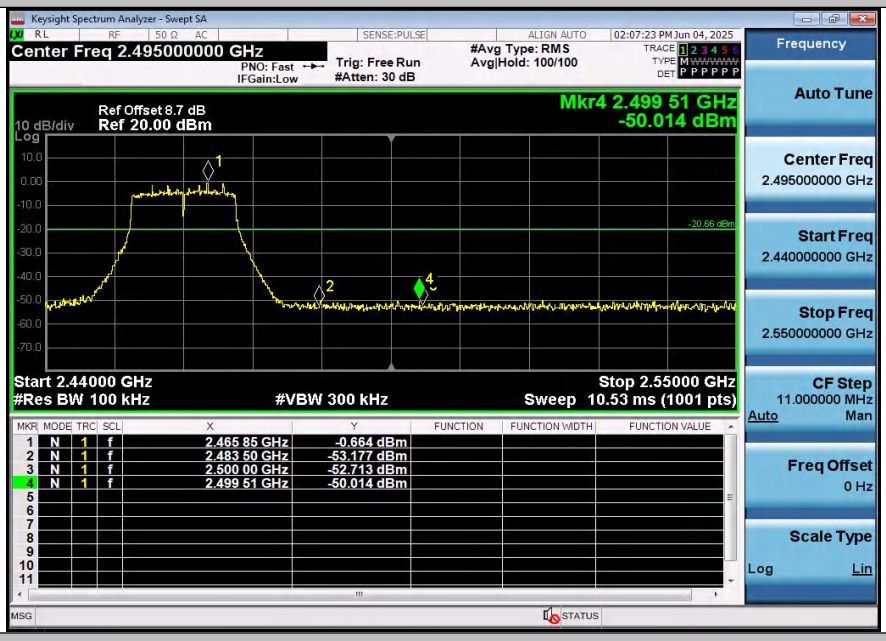
11B-Ant1-2412-PASS



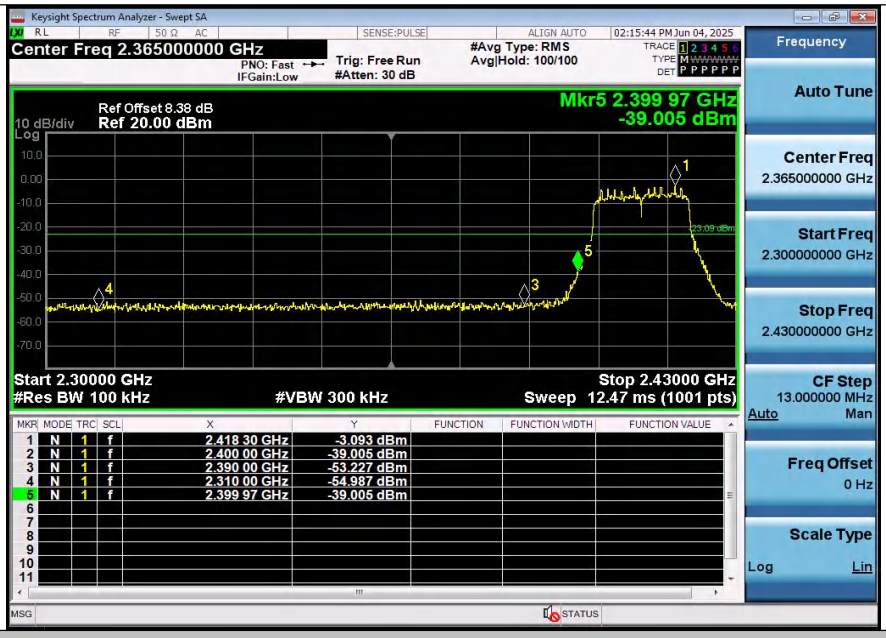
11B-Ant1-2462-PASS



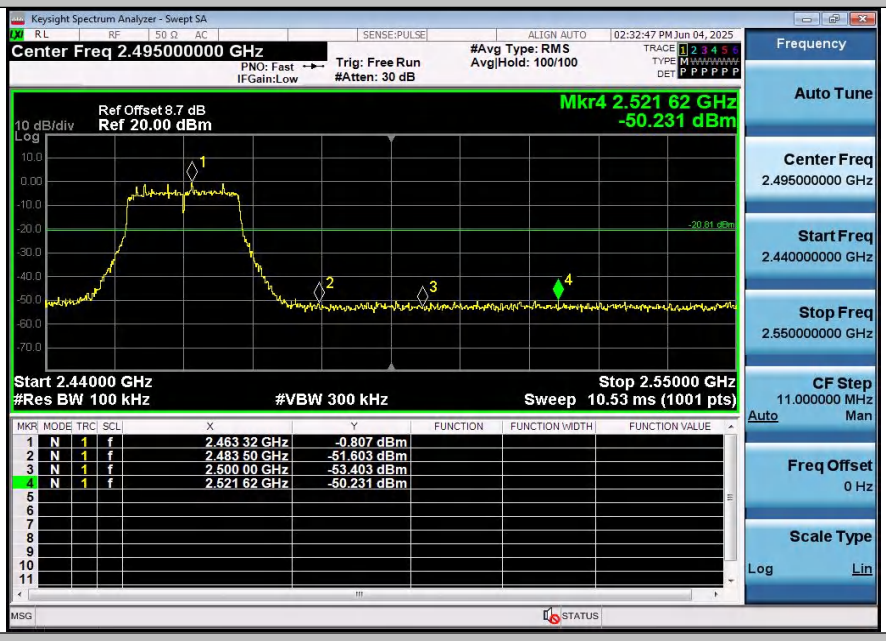
11G-Ant1-2412-PASS



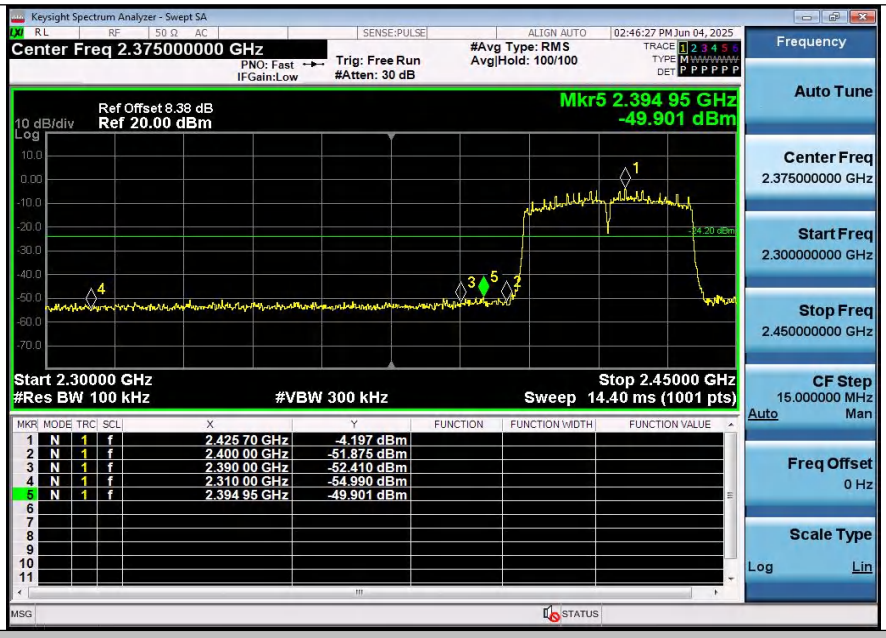
11G-Ant1-2462-PASS



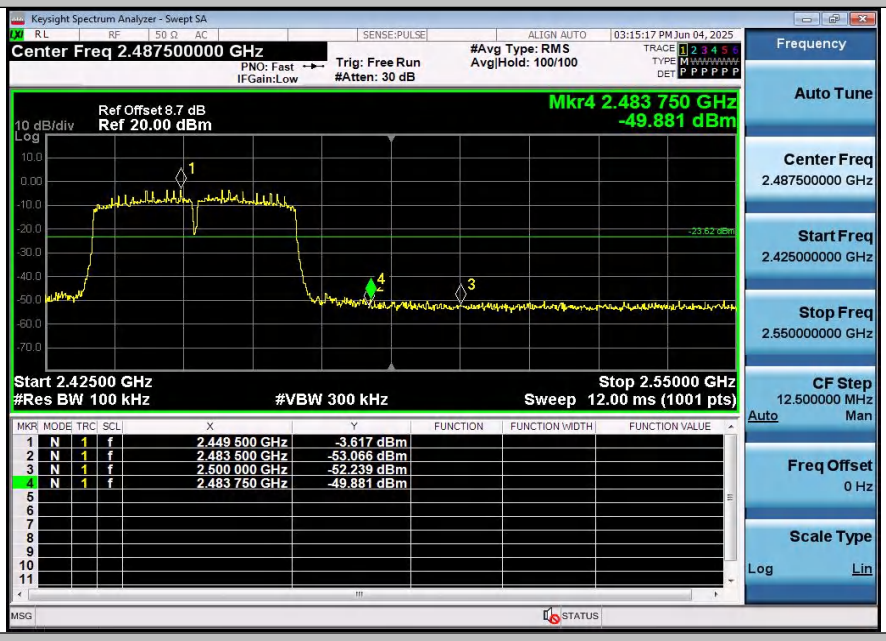
11N20SISO-Ant1-2412-PASS



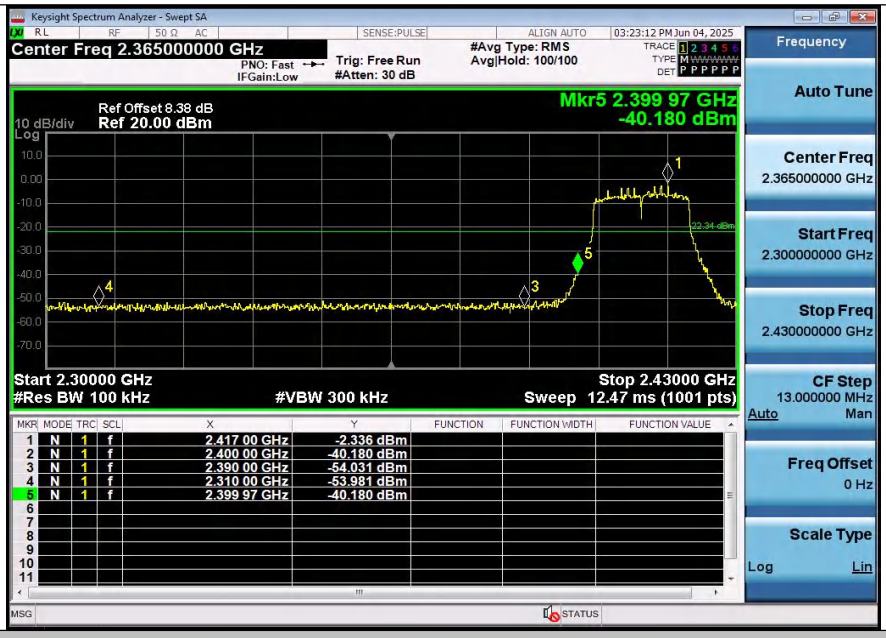
11N20SISO-Ant1-2462-PASS



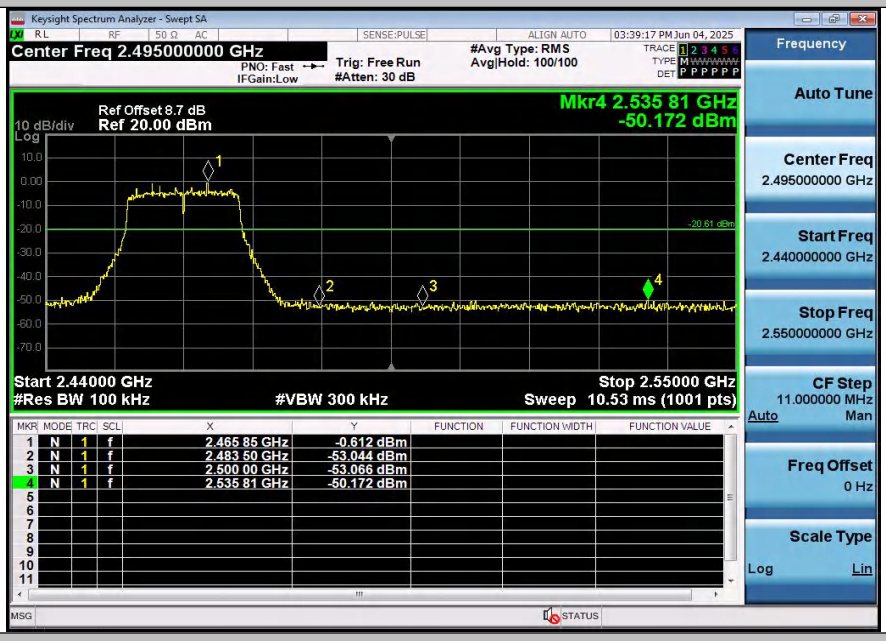
11N40SISO-Ant1-2422-PASS



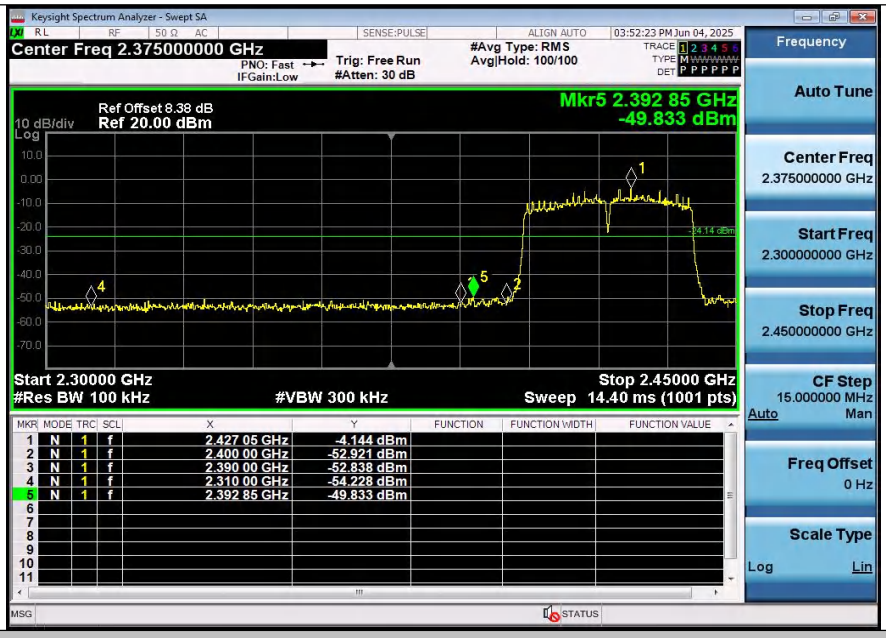
11N40SISO-Ant1-2452-PASS



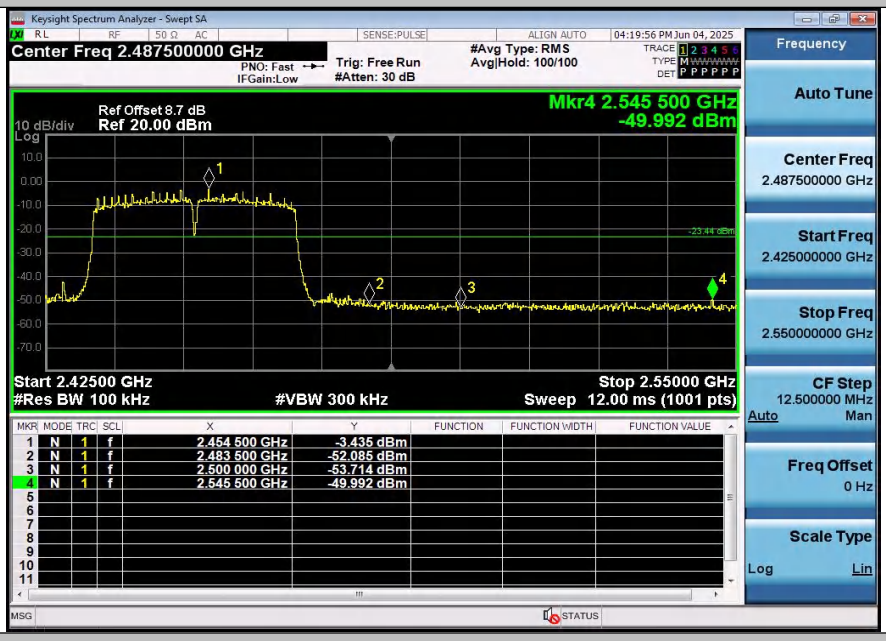
11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



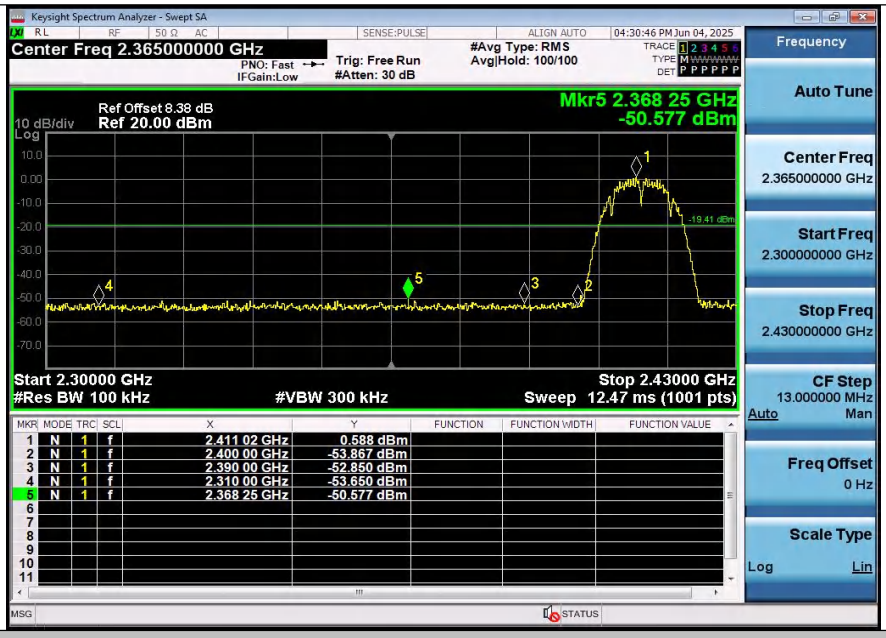
11AX40SISO-Ant1-2452-PASS

Ant 2

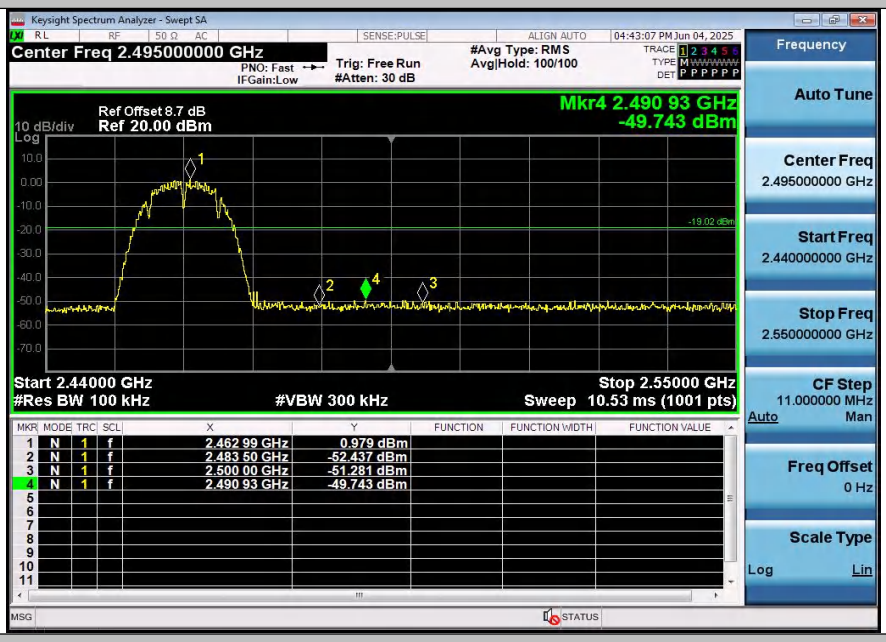
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	0.59	-50.58	≤-19.41	PASS
11B	Ant2	High	2462	0.98	-49.74	≤-19.02	PASS
11G	Ant2	Low	2412	-2.23	-40.24	≤-22.23	PASS
11G	Ant2	High	2462	-0.23	-49.87	≤-20.23	PASS
11N20SISO	Ant2	Low	2412	-1.73	-36.96	≤-21.73	PASS
11N20SISO	Ant2	High	2462	-0.35	-49.73	≤-20.35	PASS
11N40SISO	Ant2	Low	2422	-4.71	-47.5	≤-24.71	PASS
11N40SISO	Ant2	High	2452	-2.74	-49.55	≤-22.74	PASS
11AX20SISO	Ant2	Low	2412	-0.83	-37.83	≤-20.83	PASS
11AX20SISO	Ant2	High	2462	0.89	-47.9	≤-19.11	PASS
11AX40SISO	Ant2	Low	2422	-3.18	-46.18	≤-23.18	PASS
11AX40SISO	Ant2	High	2452	-1.97	-47.79	≤-21.97	PASS

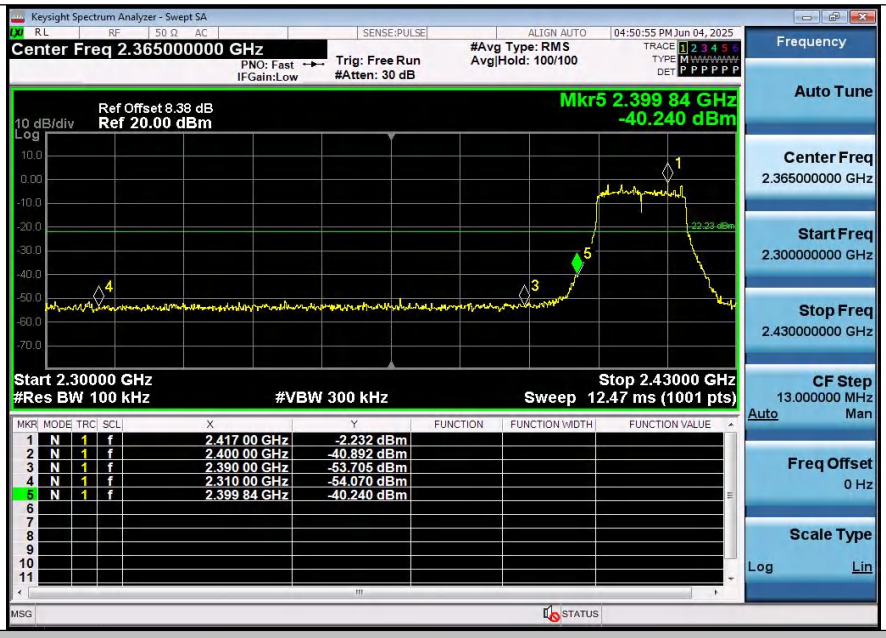
Test Graphs



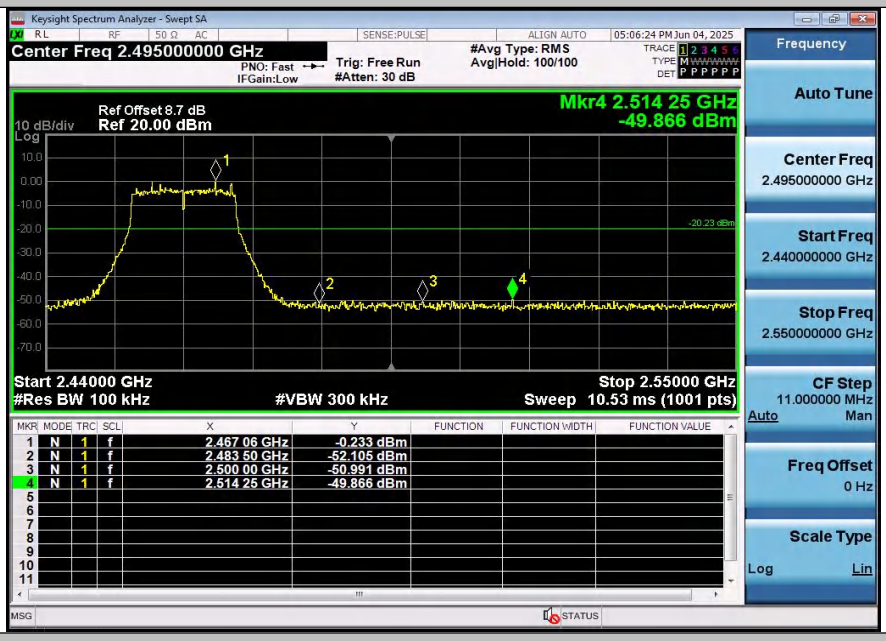
11B-Ant2-2412-PASS



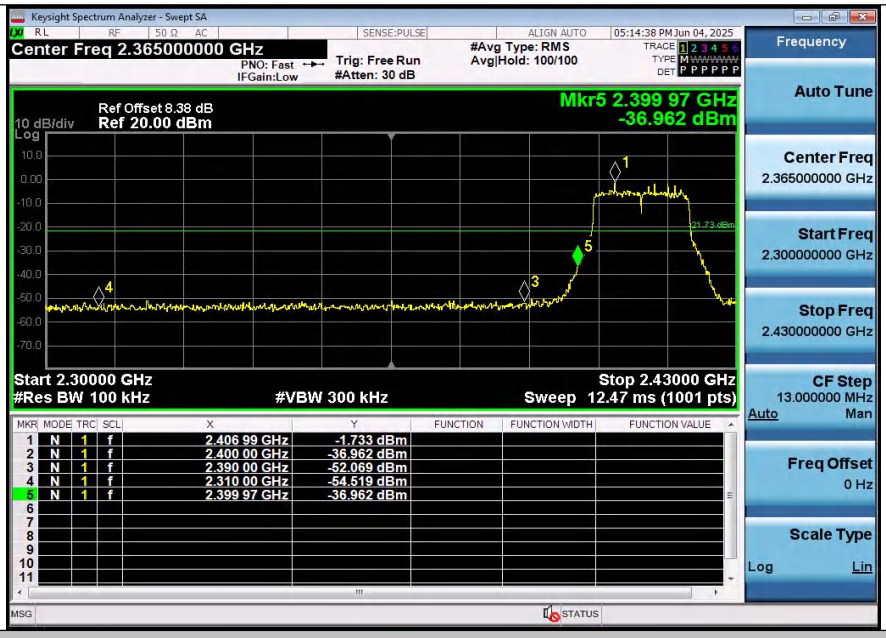
11B-Ant2-2462-PASS



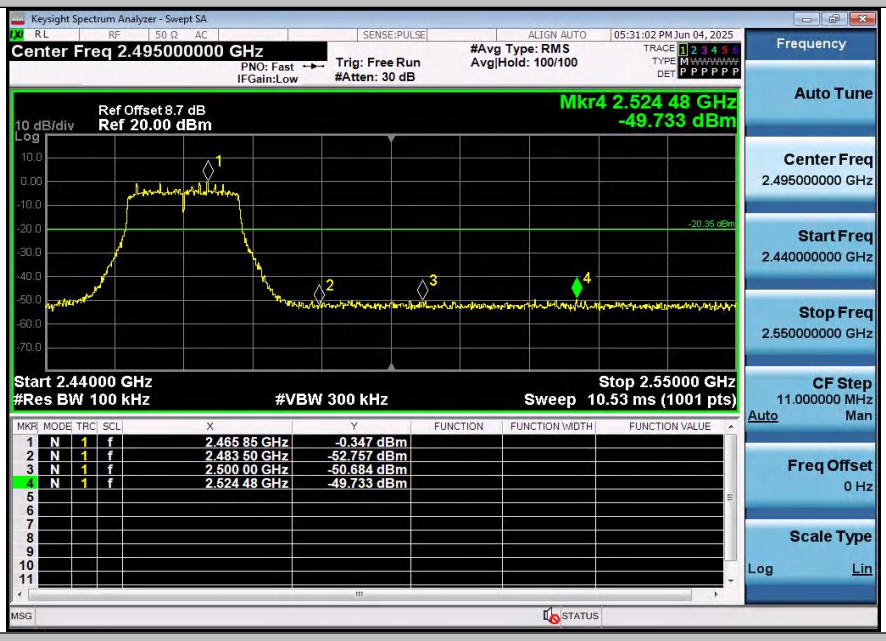
11G-Ant2-2412-PASS



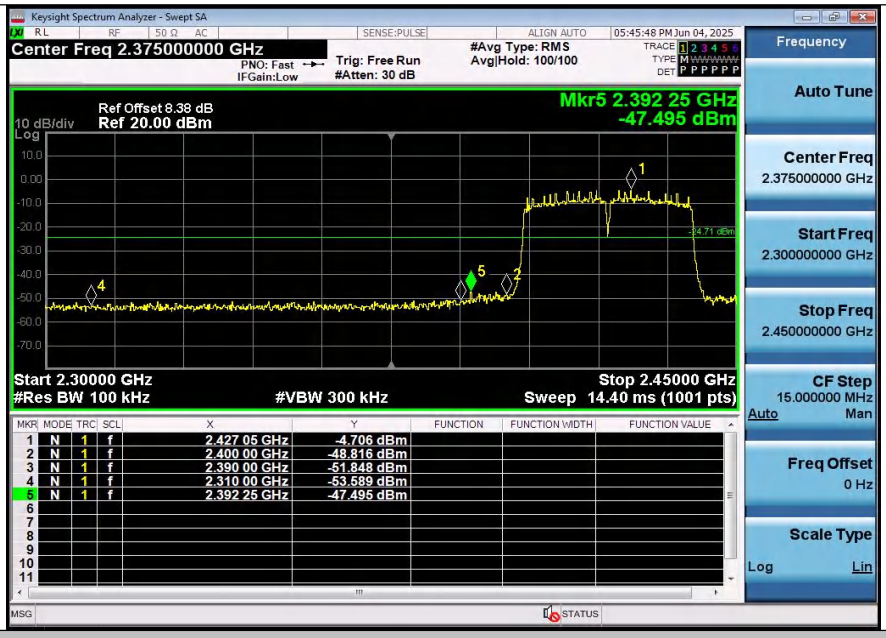
11G-Ant2-2462-PASS



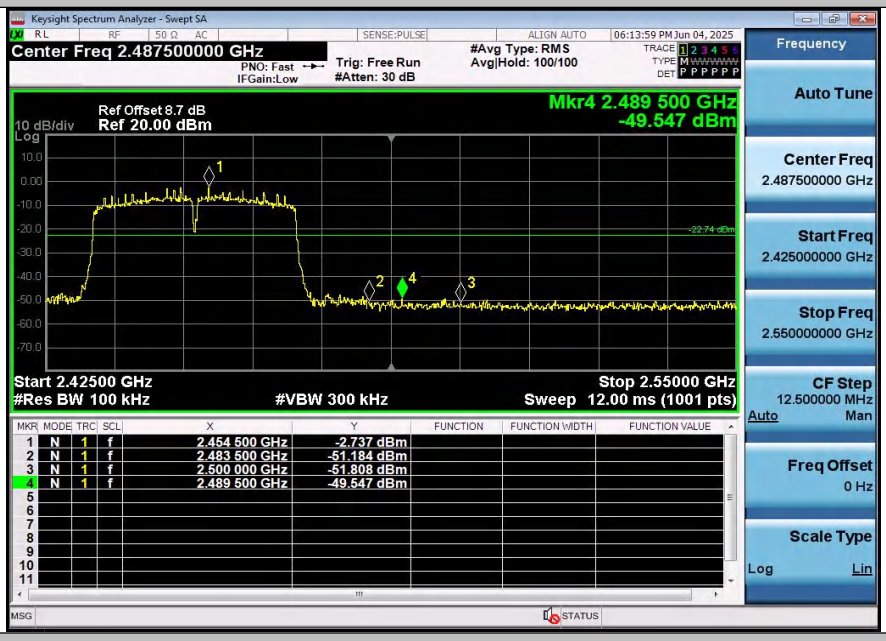
11N20SISO-Ant2-2412-PASS



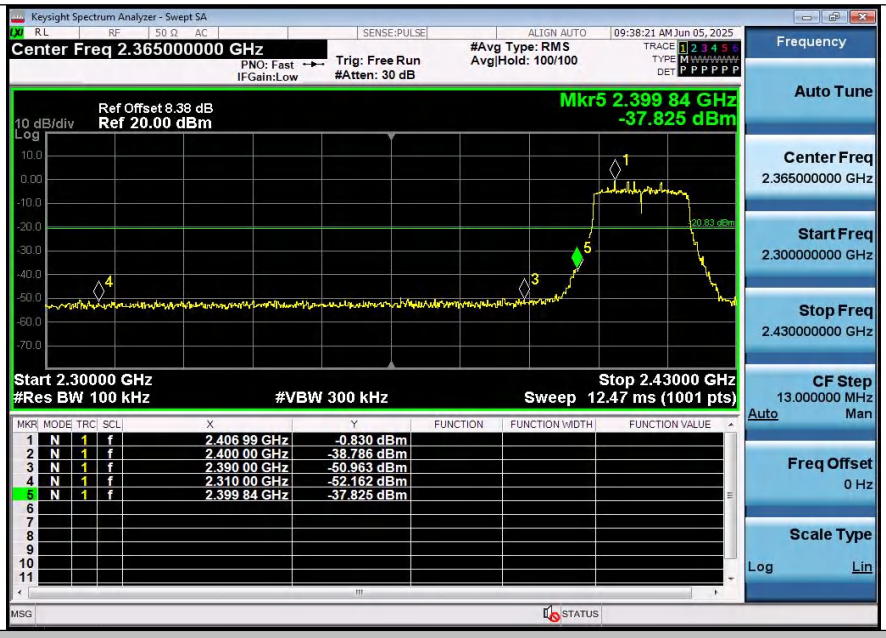
11N20SISO-Ant2-2462-PASS



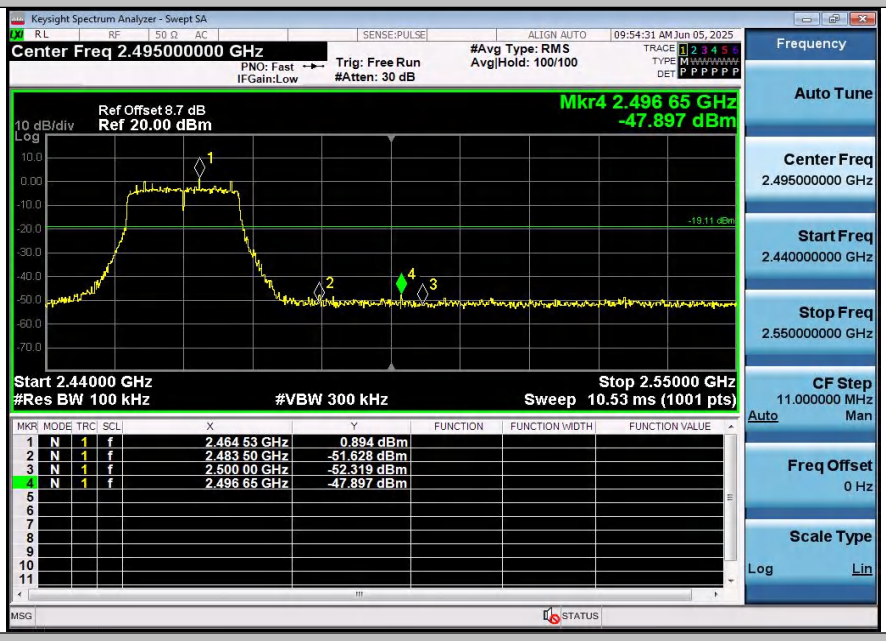
11N40SISO-Ant2-2422-PASS



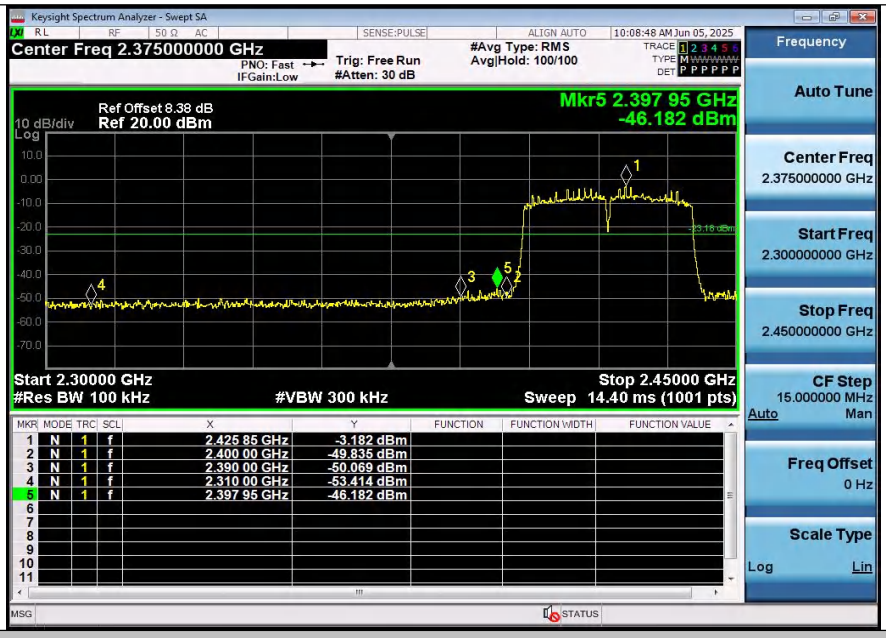
11N40SISO-Ant2-2452-PASS



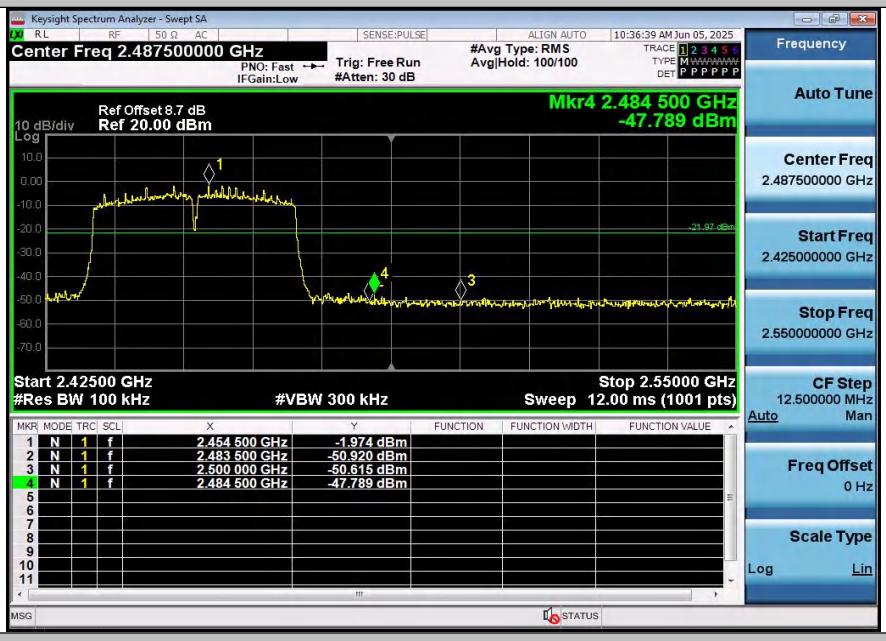
11AX20SISO-Ant2-2412-PASS



11AX20SISO-Ant2-2462-PASS



11AX40SISO-Ant2-2422-PASS



11AX40SISO-Ant2-2452-PASS

Appendix E: Conducted Spurious Emission

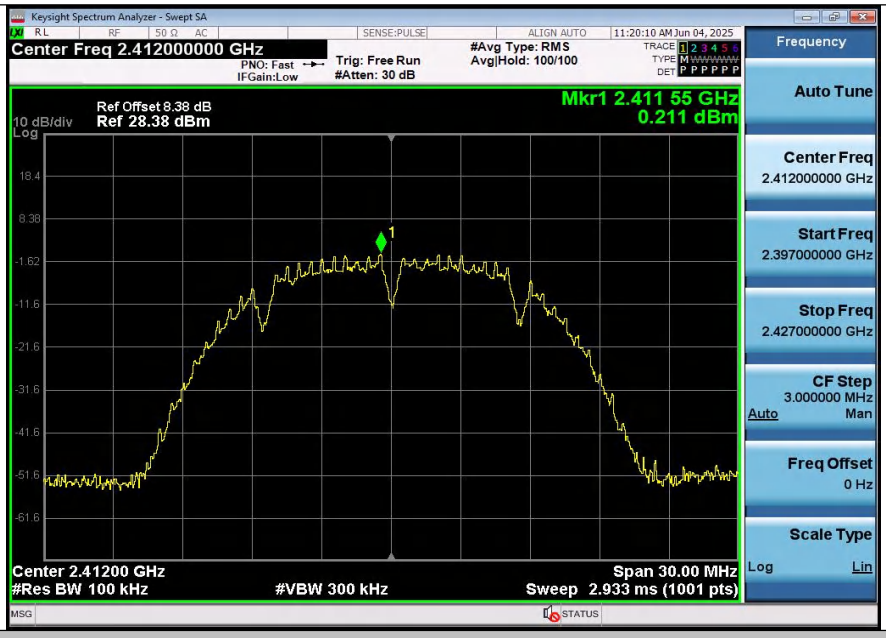
Ant 1

Test Result

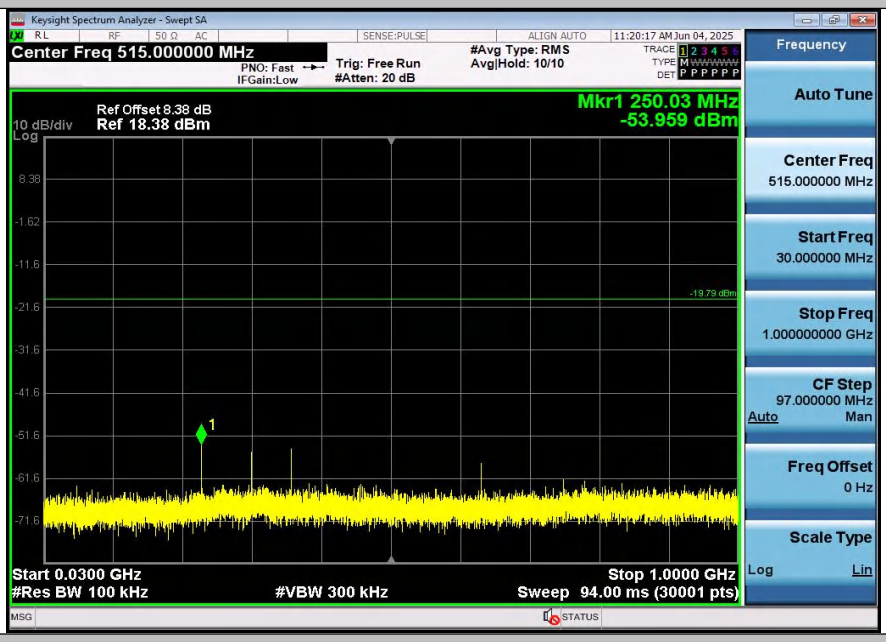
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	0.21	0.21	---	PASS
11B	Ant1	2412	30~1000	0.21	-53.96	≤-19.79	PASS
11B	Ant1	2412	1000~25000	0.21	-45.77	≤-19.79	PASS
11B	Ant1	2437	0~Reference	0.33	0.33	---	PASS
11B	Ant1	2437	30~1000	0.33	-58.15	≤-19.67	PASS
11B	Ant1	2437	1000~25000	0.33	-47.76	≤-19.67	PASS
11B	Ant1	2462	0~Reference	0.14	0.14	---	PASS
11B	Ant1	2462	30~1000	0.14	-57.34	≤-19.86	PASS
11B	Ant1	2462	1000~25000	0.14	-46.91	≤-19.86	PASS
11G	Ant1	2412	0~Reference	-2.65	-2.65	---	PASS
11G	Ant1	2412	30~1000	-2.65	-57.24	≤-22.65	PASS
11G	Ant1	2412	1000~25000	-2.65	-47.34	≤-22.65	PASS
11G	Ant1	2437	0~Reference	-1.33	-1.33	---	PASS
11G	Ant1	2437	30~1000	-1.33	-57.6	≤-21.33	PASS
11G	Ant1	2437	1000~25000	-1.33	-47.6	≤-21.33	PASS
11G	Ant1	2462	0~Reference	-1.05	-1.05	---	PASS
11G	Ant1	2462	30~1000	-1.05	-57.61	≤-21.05	PASS
11G	Ant1	2462	1000~25000	-1.05	-46.64	≤-21.05	PASS
11N20SISO	Ant1	2412	0~Reference	-2.88	-2.88	---	PASS
11N20SISO	Ant1	2412	30~1000	-2.88	-57.15	≤-22.88	PASS
11N20SISO	Ant1	2412	1000~25000	-2.88	-46.99	≤-22.88	PASS
11N20SISO	Ant1	2437	0~Reference	-1.61	-1.61	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.61	-57.44	≤-21.61	PASS
11N20SISO	Ant1	2437	1000~25000	-1.61	-47.28	≤-21.61	PASS
11N20SISO	Ant1	2462	0~Reference	-0.30	-0.30	---	PASS
11N20SISO	Ant1	2462	30~1000	-0.30	-57.48	≤-20.3	PASS
11N20SISO	Ant1	2462	1000~25000	-0.30	-47.36	≤-20.3	PASS
11N40SISO	Ant1	2422	0~Reference	-3.95	-3.95	---	PASS
11N40SISO	Ant1	2422	30~1000	-3.95	-57.77	≤-23.95	PASS
11N40SISO	Ant1	2422	1000~25000	-3.95	-47.31	≤-23.95	PASS
11N40SISO	Ant1	2437	0~Reference	-3.53	-3.53	---	PASS
11N40SISO	Ant1	2437	30~1000	-3.53	-57.45	≤-23.53	PASS
11N40SISO	Ant1	2437	1000~25000	-3.53	-47.35	≤-23.53	PASS

11N40SISO	Ant1	2452	0~Reference	-3.83	-3.83	---	PASS
11N40SISO	Ant1	2452	30~1000	-3.83	-57.71	≤-23.83	PASS
11N40SISO	Ant1	2452	1000~25000	-3.83	-47.33	≤-23.83	PASS
11AX20SISO	Ant1	2412	0~Reference	-3.35	-3.35	---	PASS
11AX20SISO	Ant1	2412	30~1000	-3.35	-56.38	≤-23.35	PASS
11AX20SISO	Ant1	2412	1000~25000	-3.35	-47.88	≤-23.35	PASS
11AX20SISO	Ant1	2437	0~Reference	-1.47	-1.47	---	PASS
11AX20SISO	Ant1	2437	30~1000	-1.47	-56.62	≤-21.47	PASS
11AX20SISO	Ant1	2437	1000~25000	-1.47	-47.42	≤-21.47	PASS
11AX20SISO	Ant1	2462	0~Reference	-0.46	-0.46	---	PASS
11AX20SISO	Ant1	2462	30~1000	-0.46	-56.66	≤-20.46	PASS
11AX20SISO	Ant1	2462	1000~25000	-0.46	-47.54	≤-20.46	PASS
11AX40SISO	Ant1	2422	0~Reference	-4.02	-4.02	---	PASS
11AX40SISO	Ant1	2422	30~1000	-4.02	-57.12	≤-24.02	PASS
11AX40SISO	Ant1	2422	1000~25000	-4.02	-47.5	≤-24.02	PASS
11AX40SISO	Ant1	2437	0~Reference	-3.99	-3.99	---	PASS
11AX40SISO	Ant1	2437	30~1000	-3.99	-58	≤-23.99	PASS
11AX40SISO	Ant1	2437	1000~25000	-3.99	-47.11	≤-23.99	PASS
11AX40SISO	Ant1	2452	0~Reference	-3.62	-3.62	---	PASS
11AX40SISO	Ant1	2452	30~1000	-3.62	-57.28	≤-23.62	PASS
11AX40SISO	Ant1	2452	1000~25000	-3.62	-47.13	≤-23.62	PASS

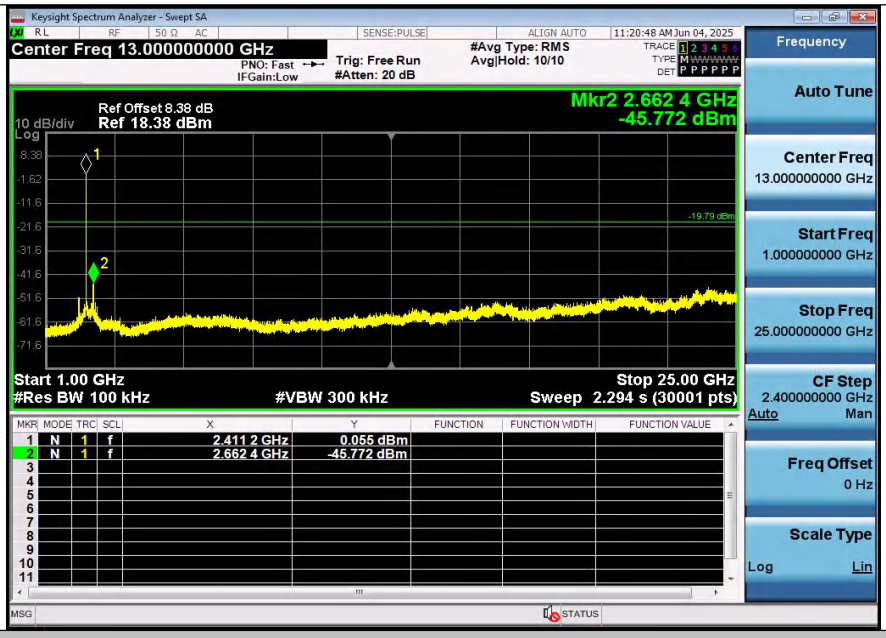
Test Graphs



11B-Ant1-2412-0~Reference-PASS

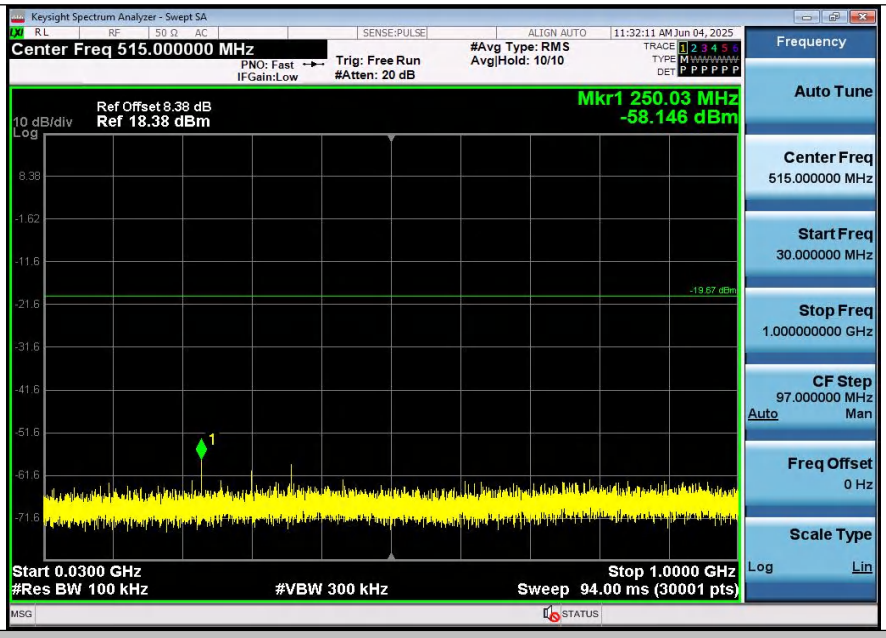


11B-Ant1-2412-30~1000-PASS

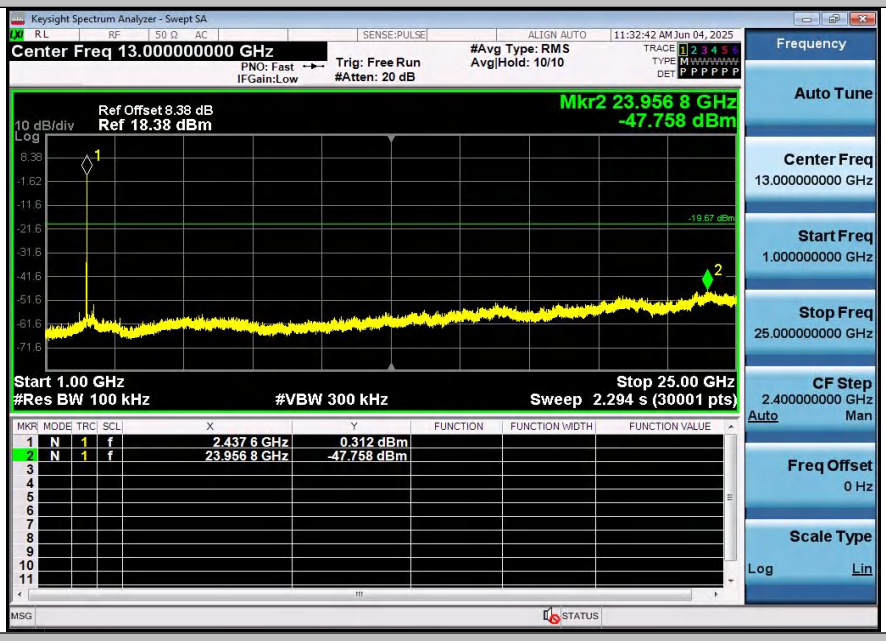


11B-Ant1-2412-1000~25000-PASS

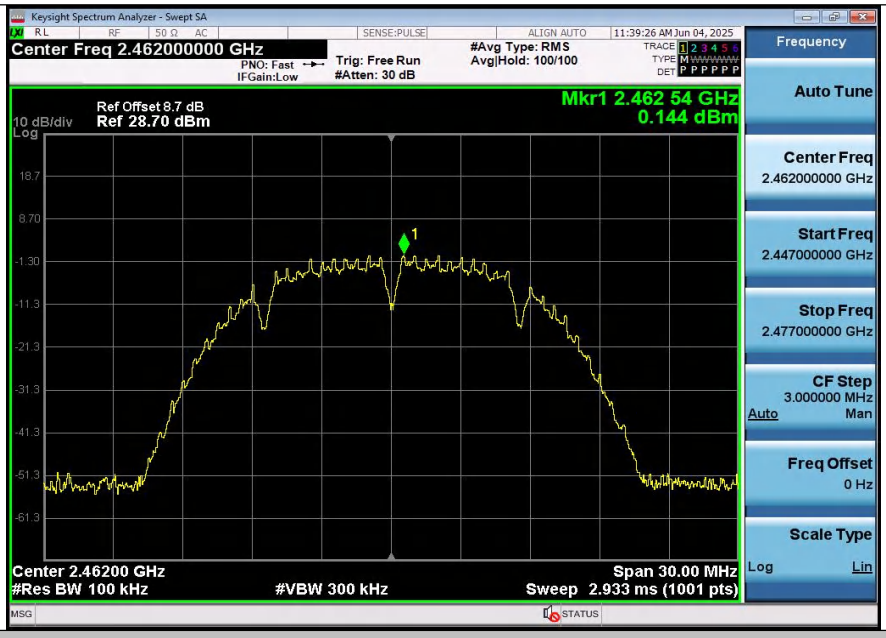
11B-Ant1-2437-0~Reference-PASS



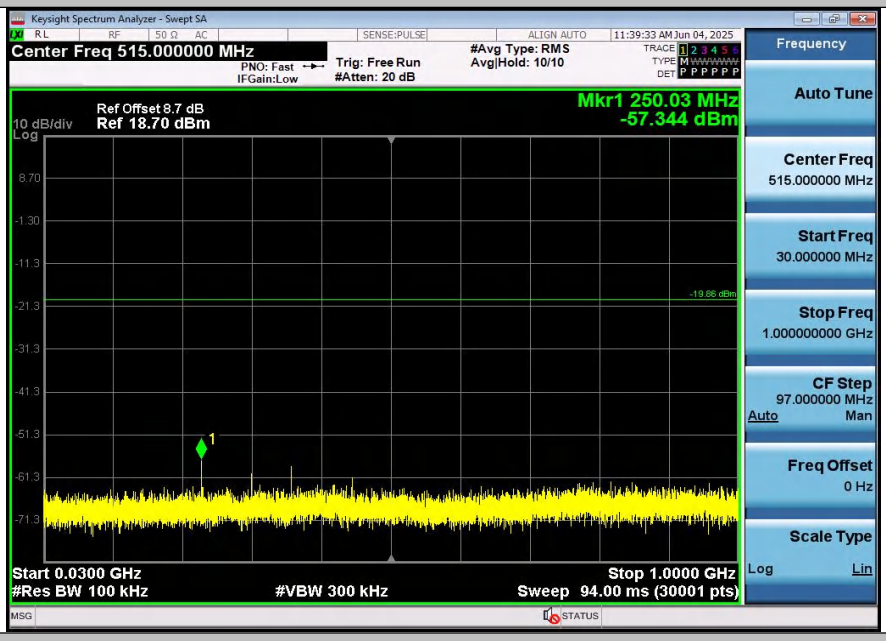
11B-Ant1-2437-30~1000-PASS



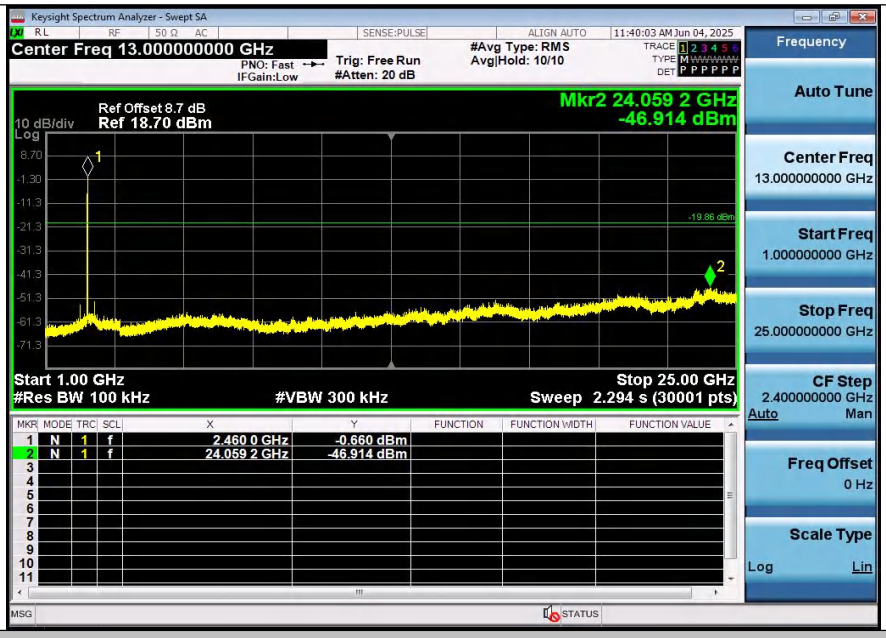
11B-Ant1-2437-1000~25000-PASS



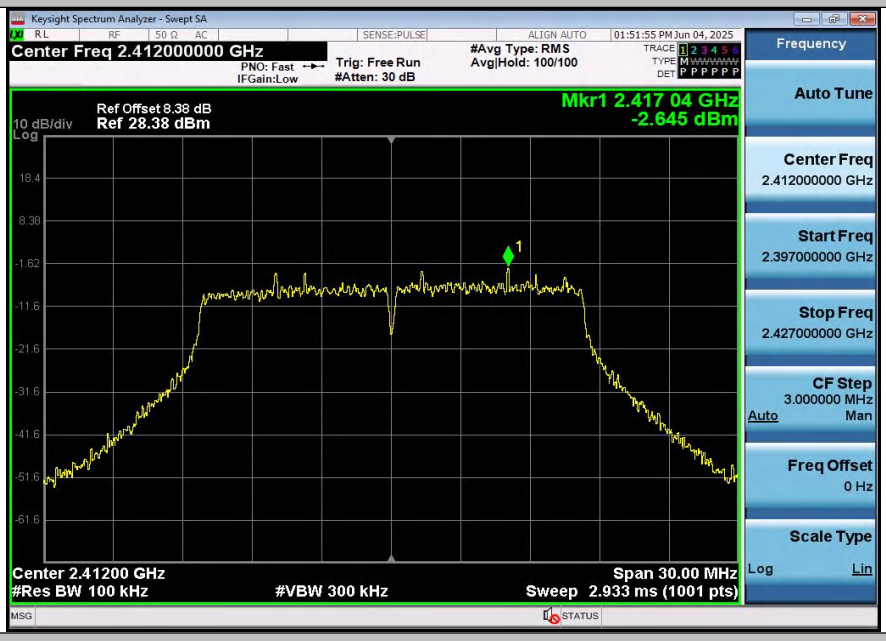
11B-Ant1-2462-0~Reference-PASS



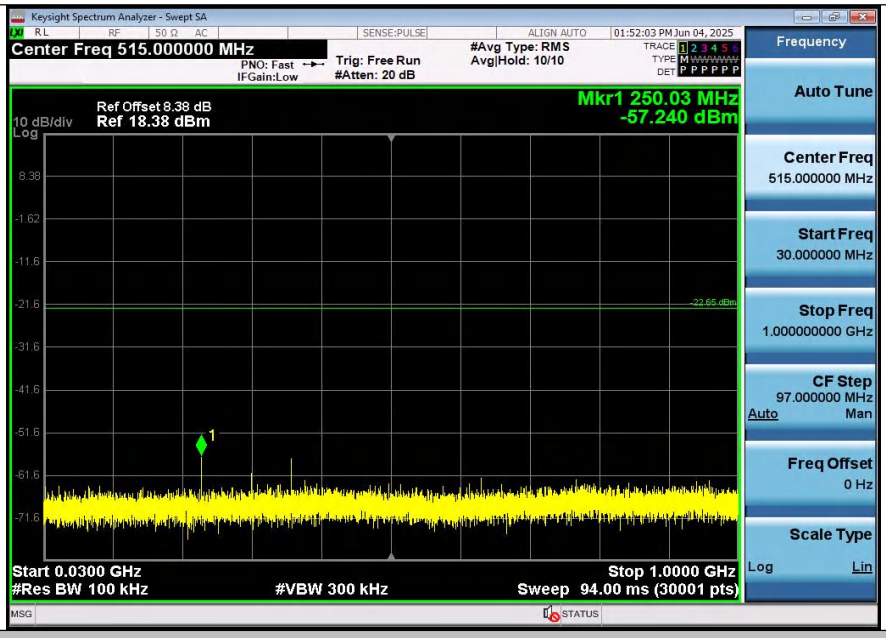
11B-Ant1-2462-30~1000-PASS



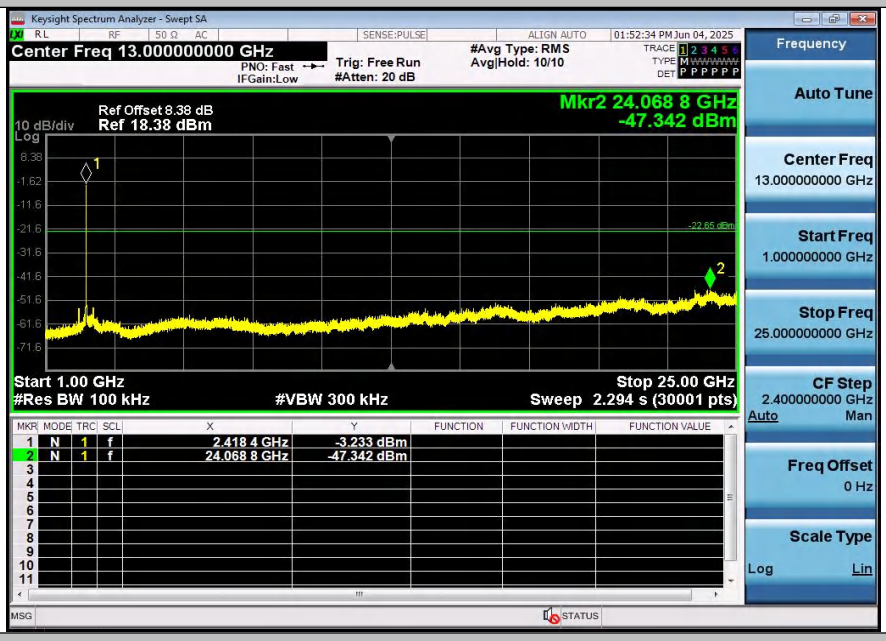
11B-Ant1-2462-1000~25000-PASS



11G-Ant1-2412-0~Reference-PASS



11G-Ant1-2412-30~1000-PASS



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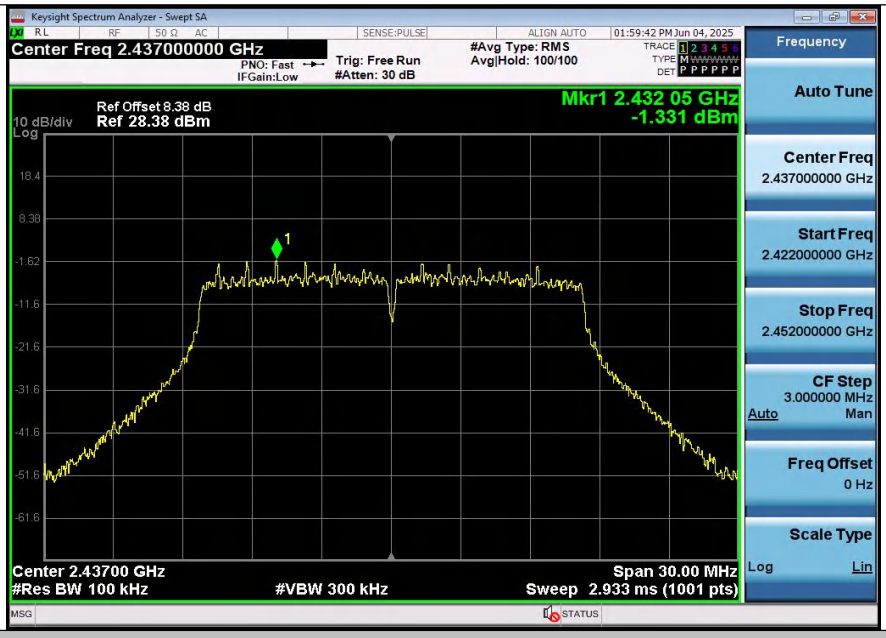

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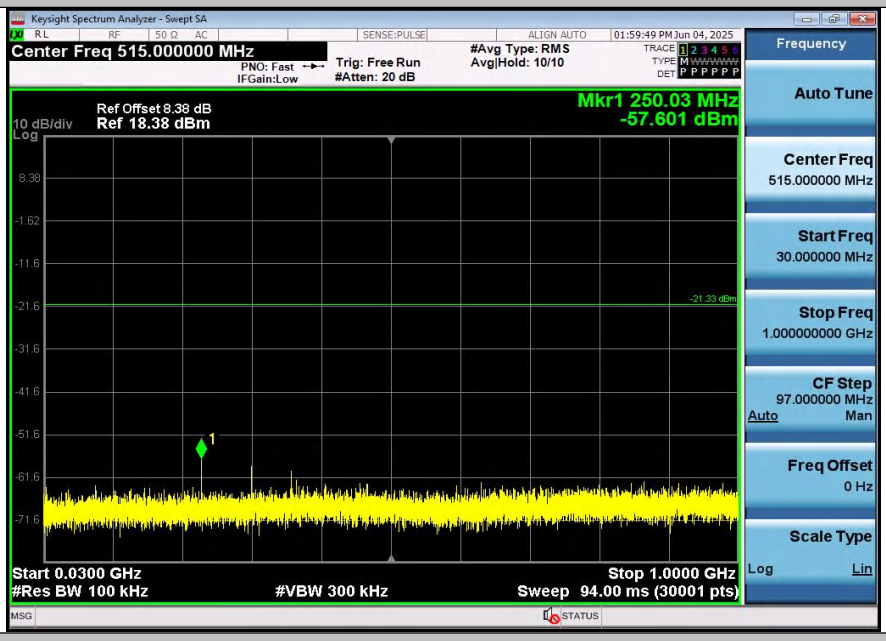
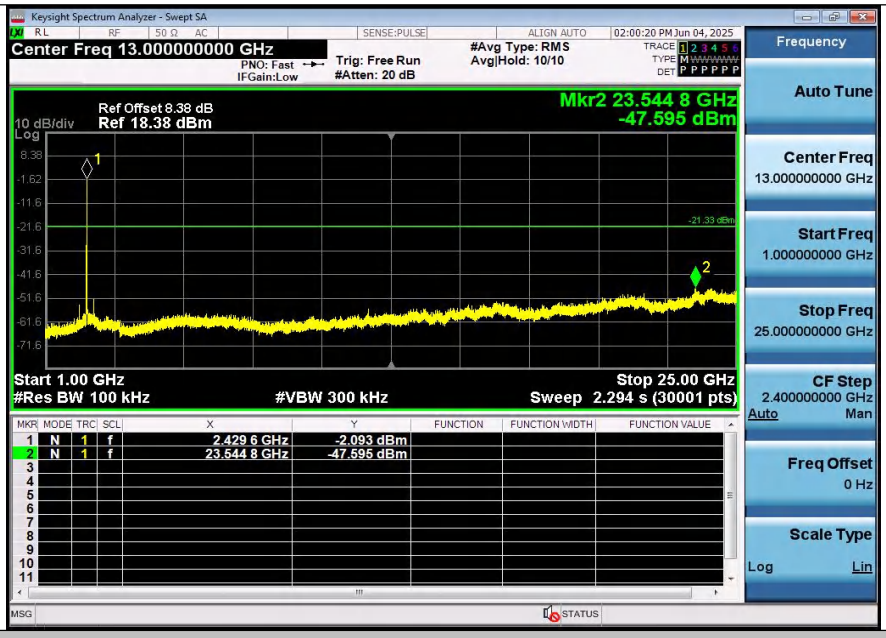
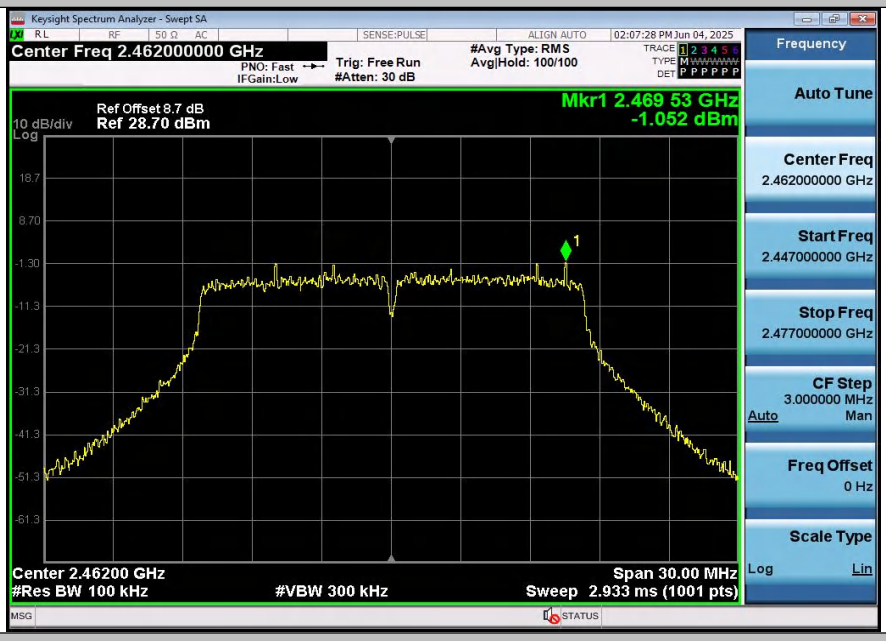


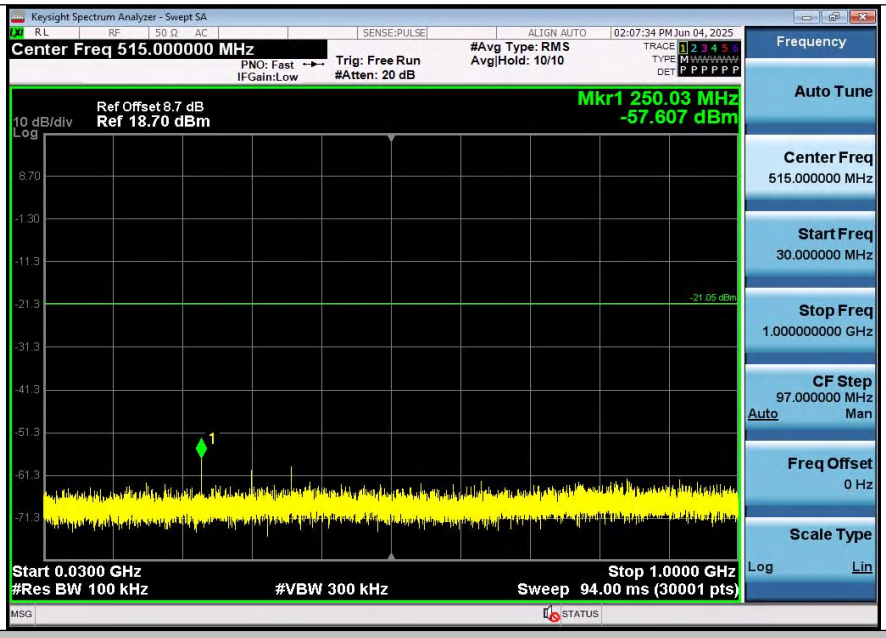
11G-Ant1-2437-30~1000-PASS



11G-Ant1-2437-1000~25000-PASS



11G-Ant1-2462-0~Reference-PASS



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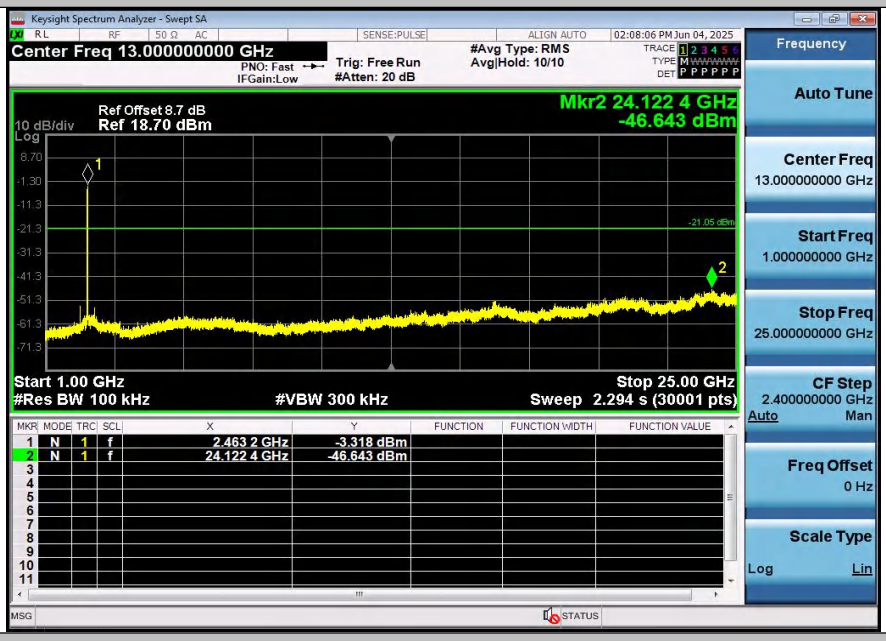
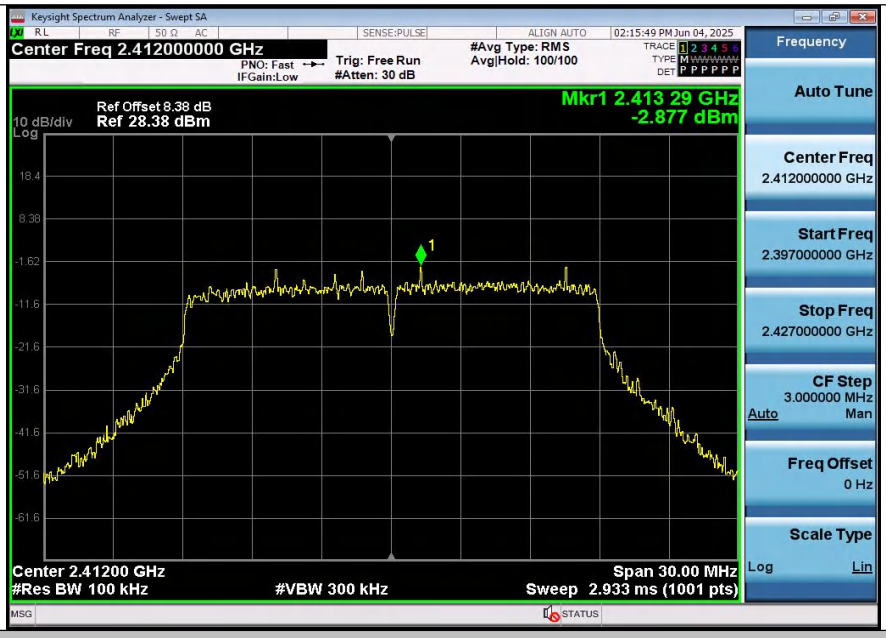
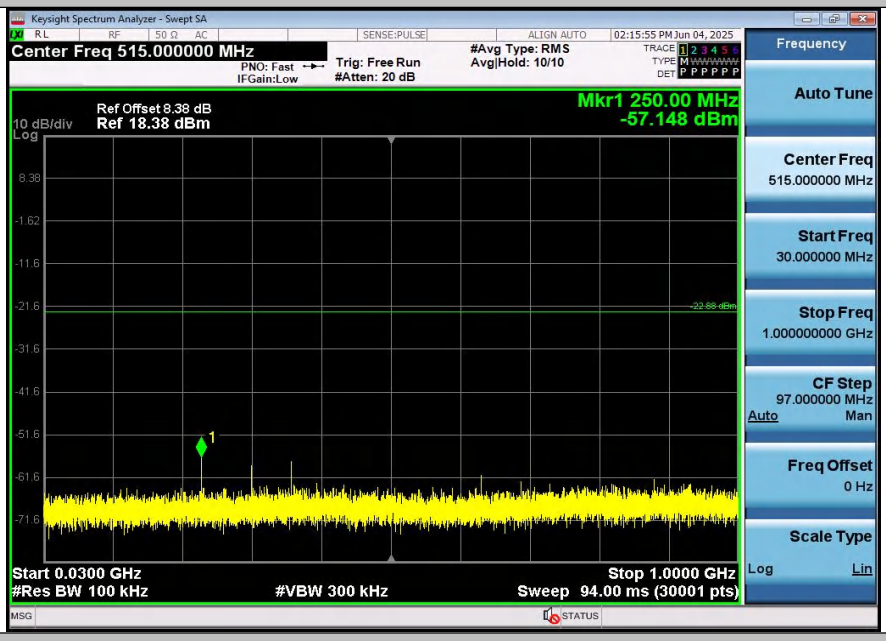


11G-Ant1-2462-1000~25000-PASS



11N20SISO-Ant1-2412-0~Reference-PASS



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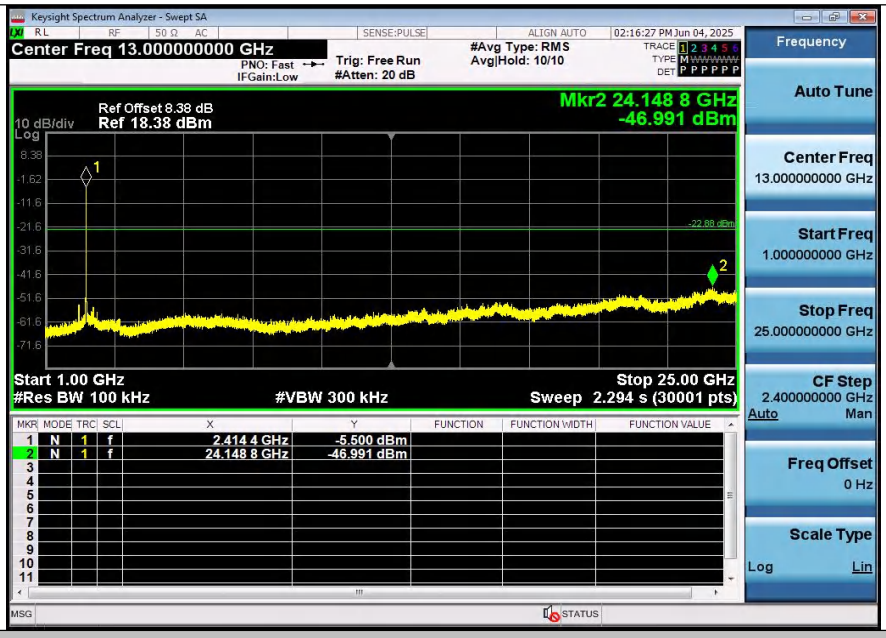
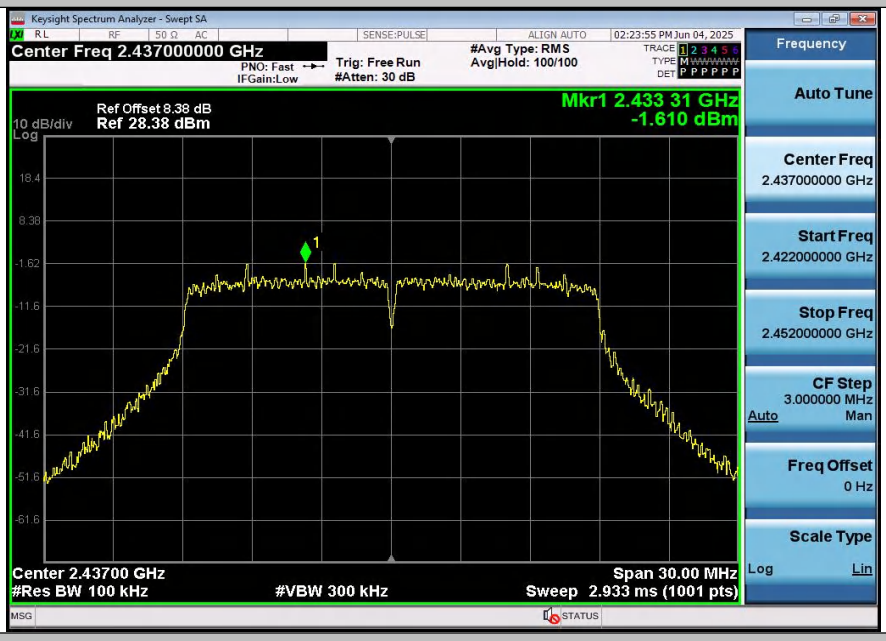


11N20SISO-Ant1-2412-1000~25000-PASS



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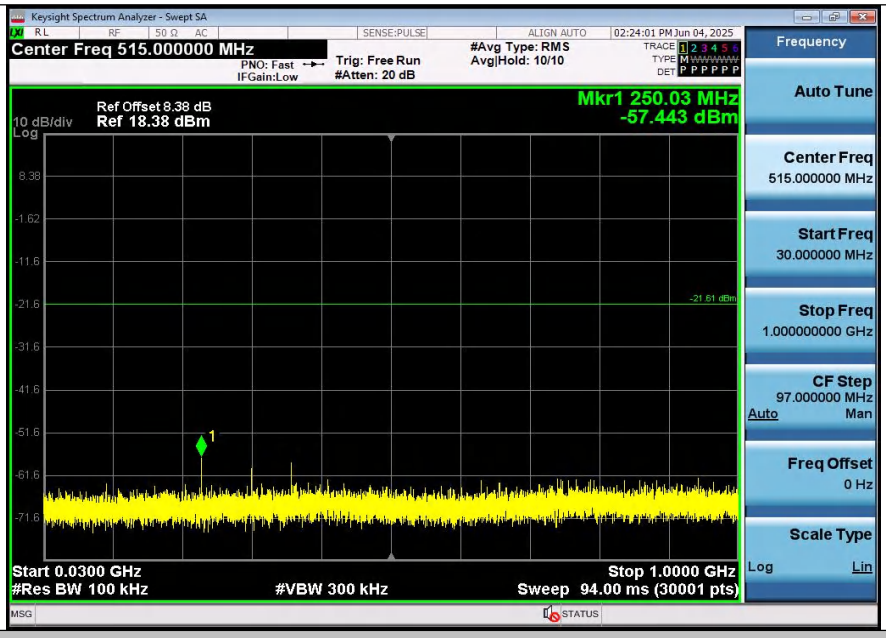
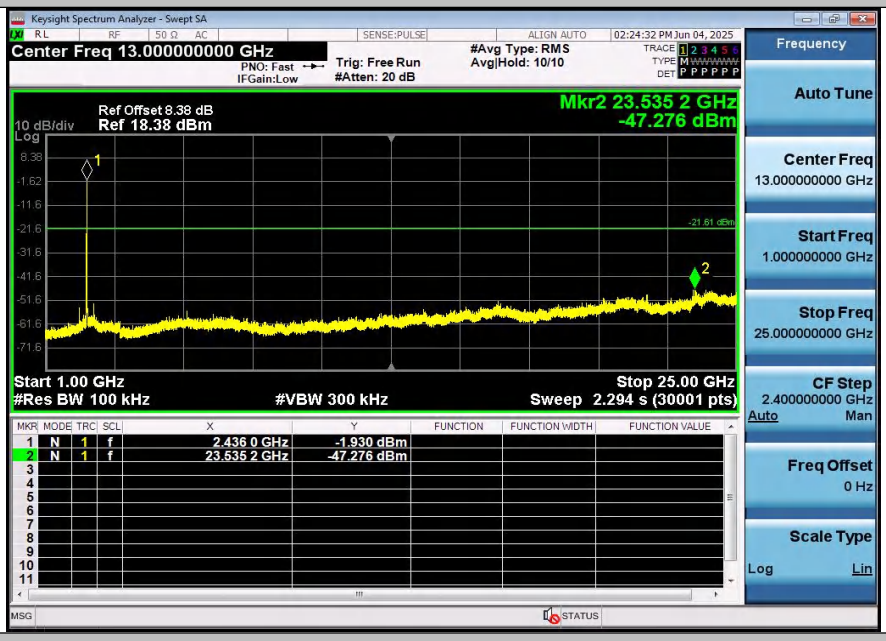
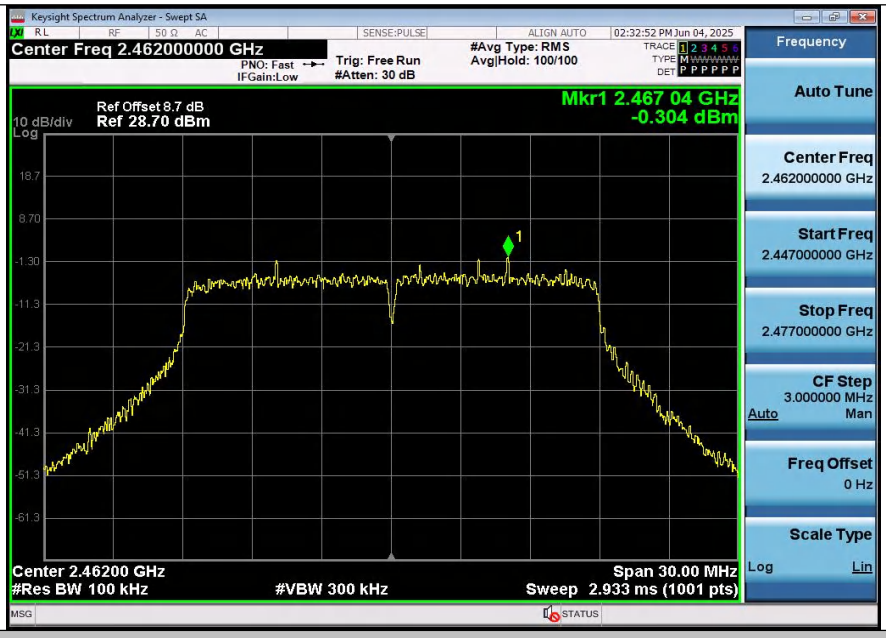


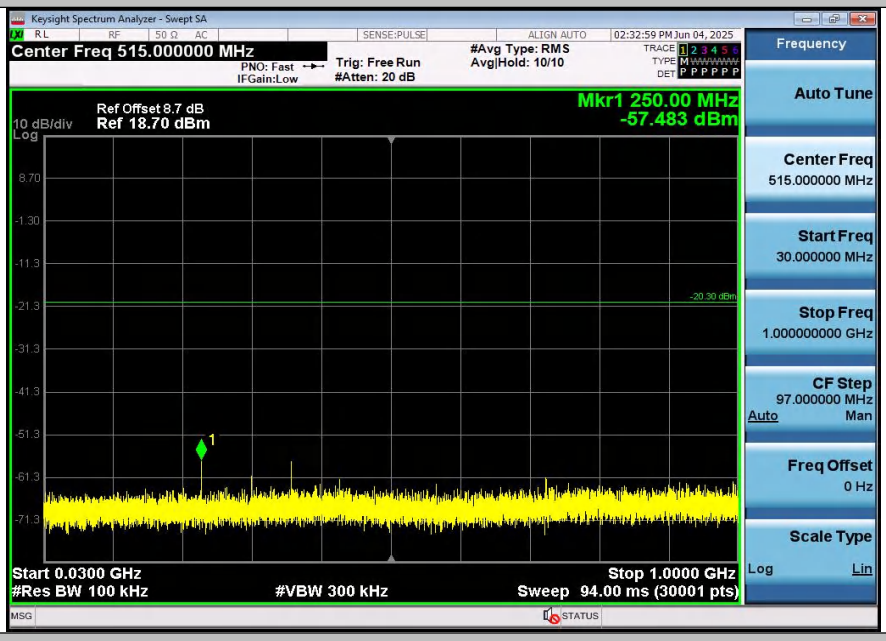
11N20SISO-Ant1-2437-30~1000-PASS



11N20SISO-Ant1-2437-1000~25000-PASS



11N20SISO-Ant1-2462-0~Reference-PASS



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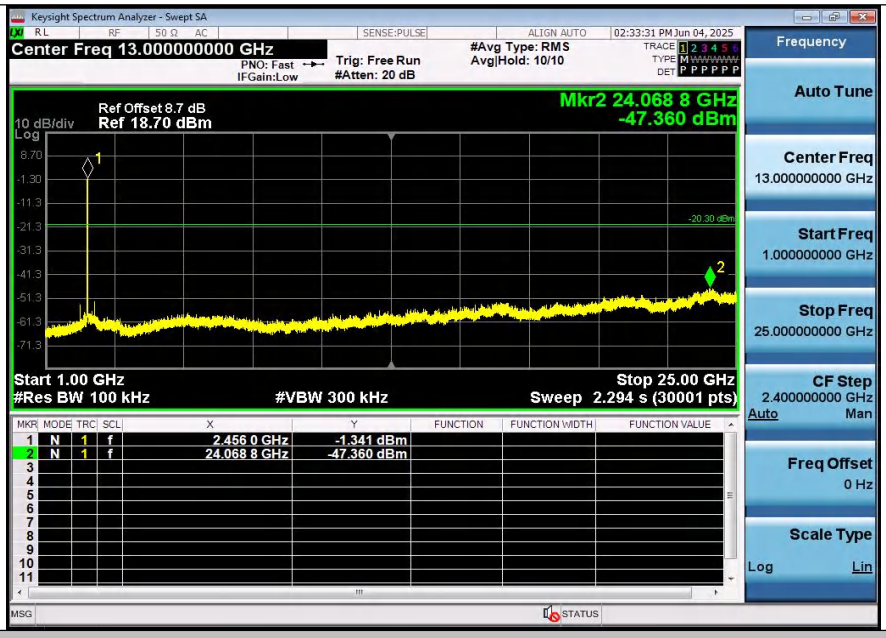

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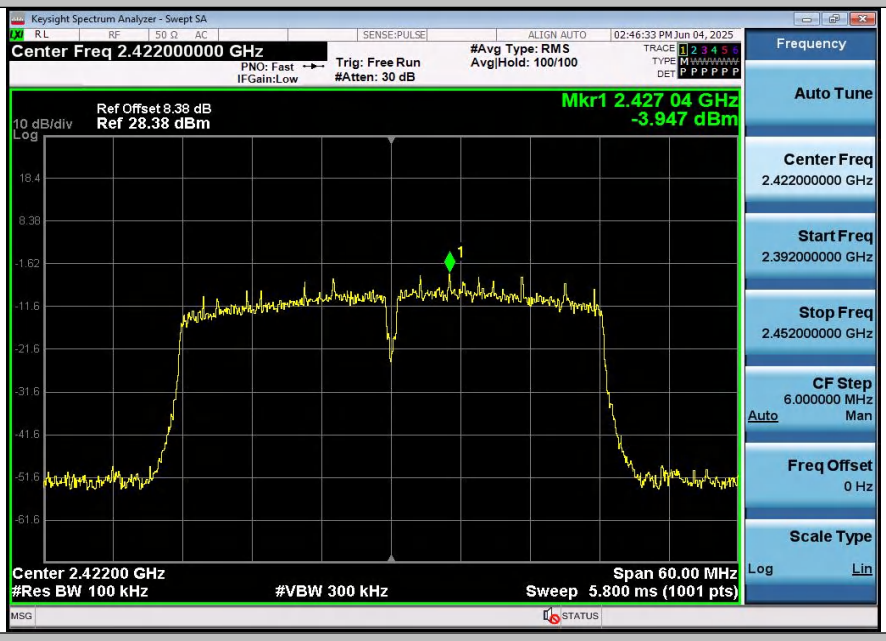

11N40SISO-Ant1-2422-0~Reference-PASS