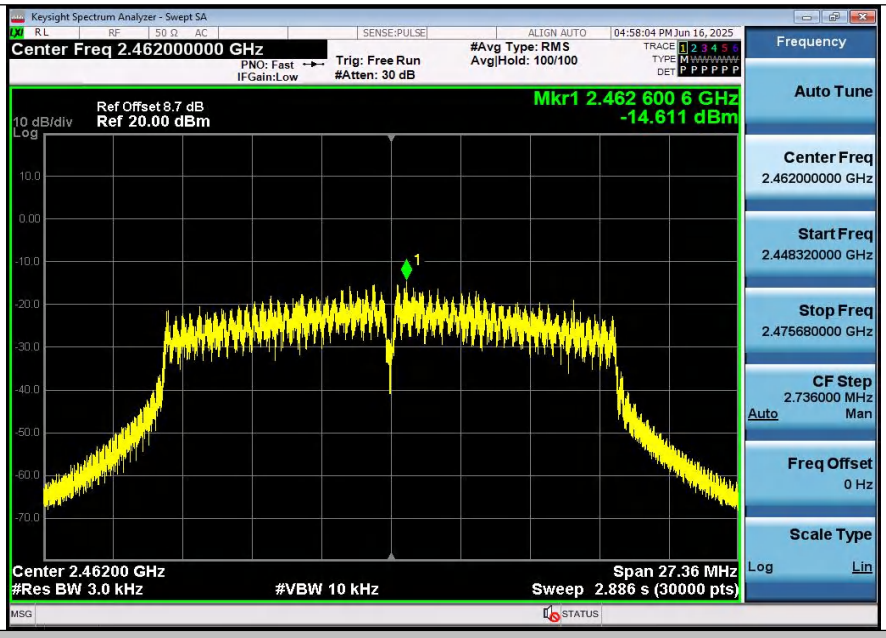
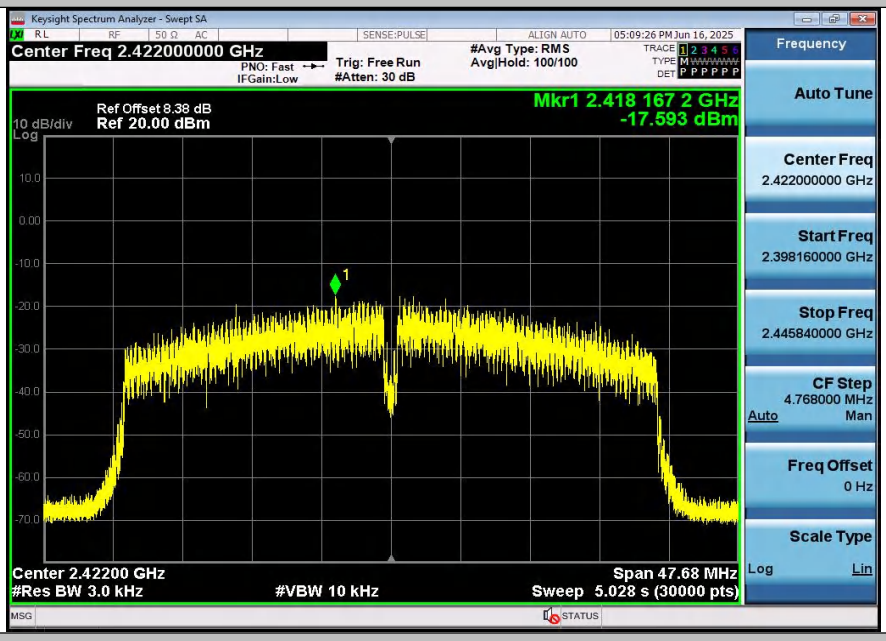
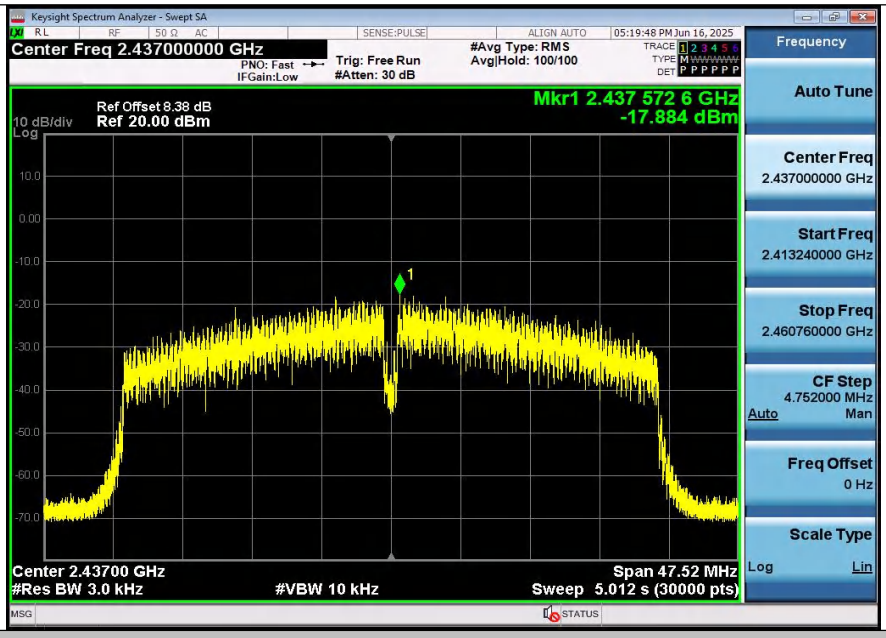


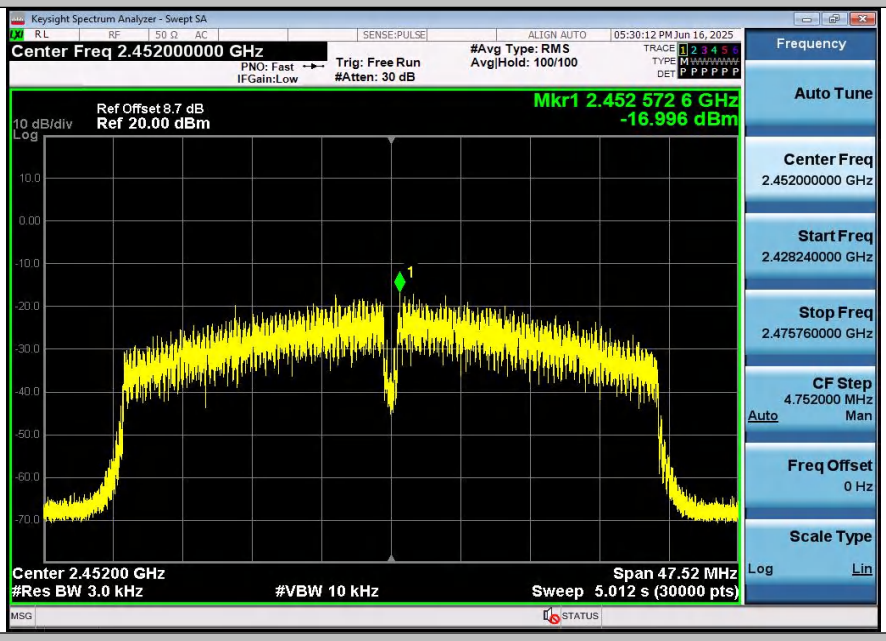
11N20SISO-Ant2-2462-PASS



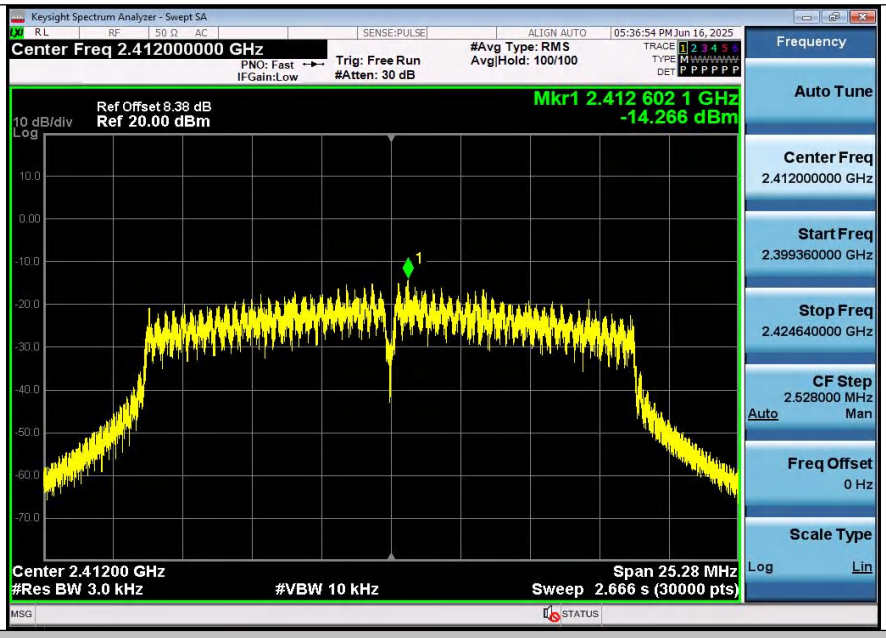
11N40SISO-Ant2-2422-PASS



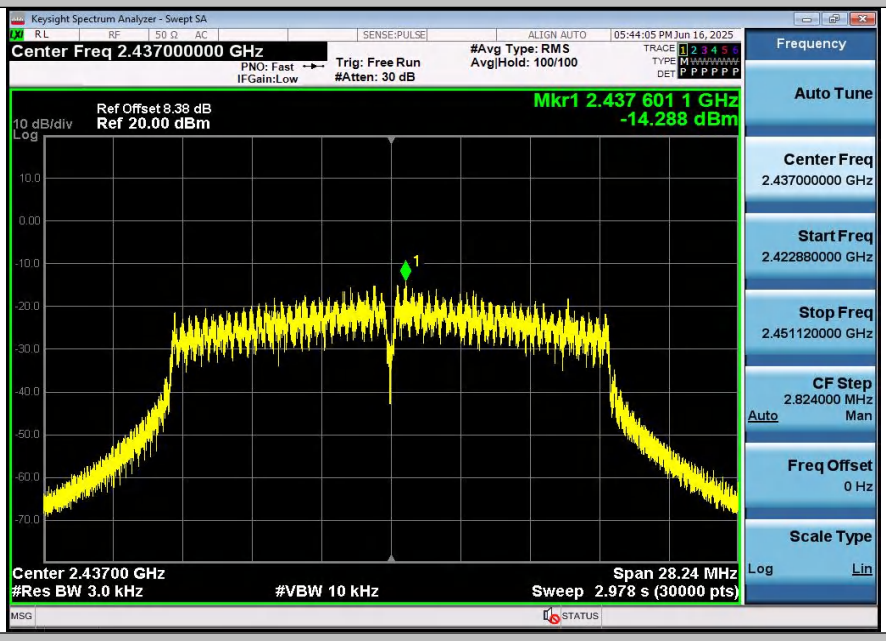
11N40SISO-Ant2-2437-PASS



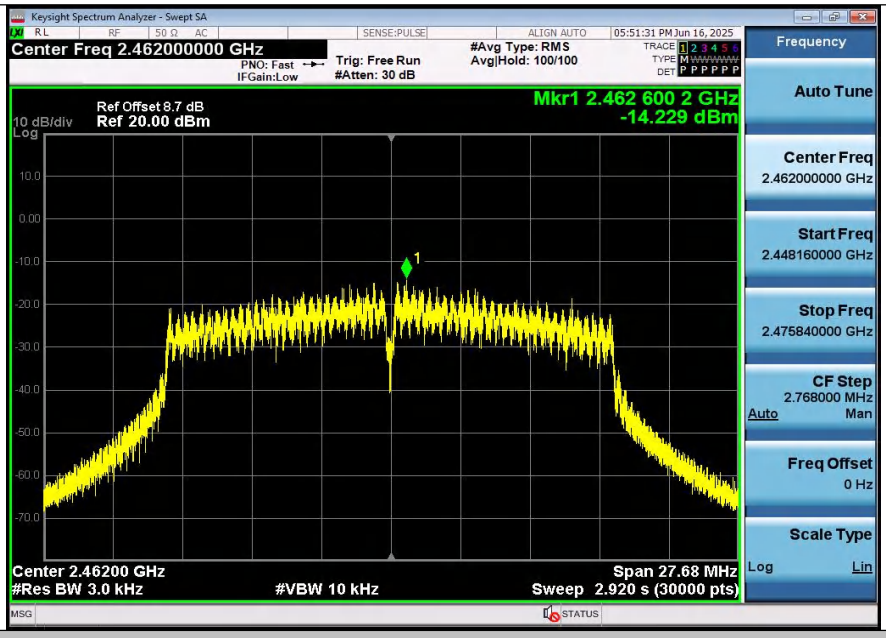
11N40SISO-Ant2-2452-PASS



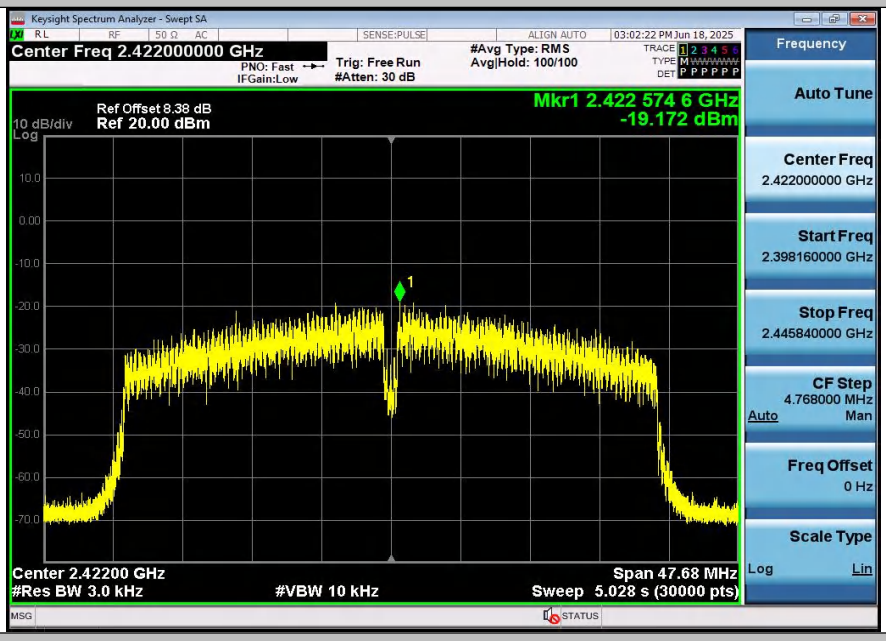
11AX20SISO-Ant2-2412-PASS



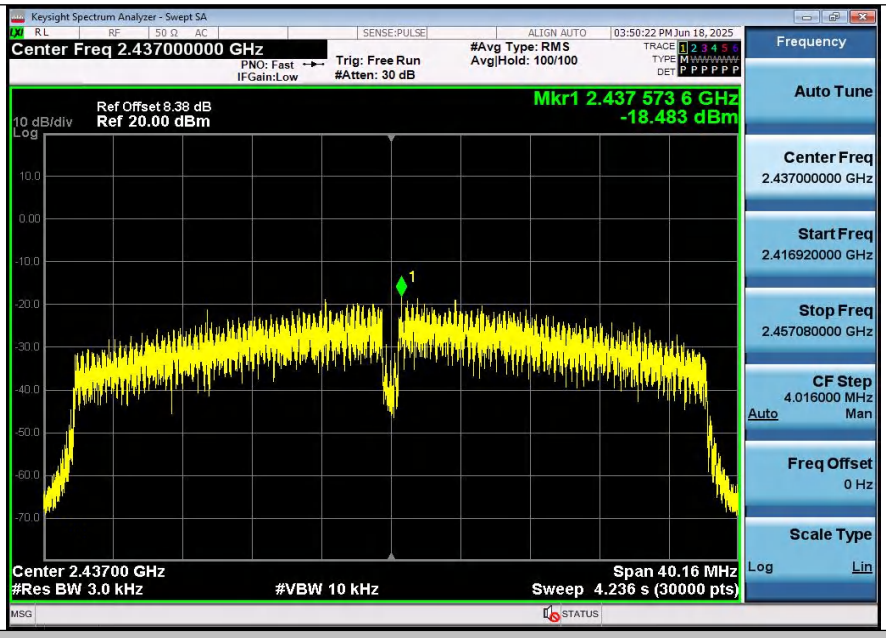
11AX20SISO-Ant2-2437-PASS



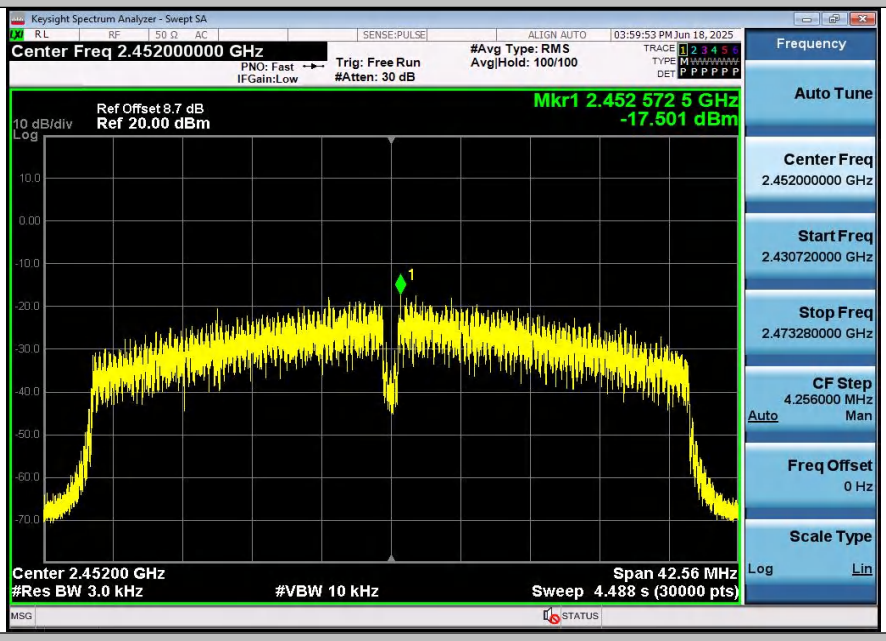
11AX20SISO-Ant2-2462-PASS



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	-15.45	-15.57	-12.50	6.01	Pass
	06	-14.87	-15.46	-12.14		
	11	-15.57	-14.61	-12.05		
802.11n HT40	03	-18.59	-17.59	-15.05	6.01	Pass
	06	-17.90	-17.88	-14.88		
	09	-17.36	-17.00	-14.17		
802.11ax HE20	01	-16.00	-14.27	-12.04	6.01	Pass
	06	-15.36	-14.29	-11.78		
	11	-14.85	-14.23	-11.52		
802.11ax HE40	03	-18.40	-19.17	-15.76	6.01	Pass
	06	-17.71	-18.48	-15.07		
	09	-17.06	-17.50	-14.26		

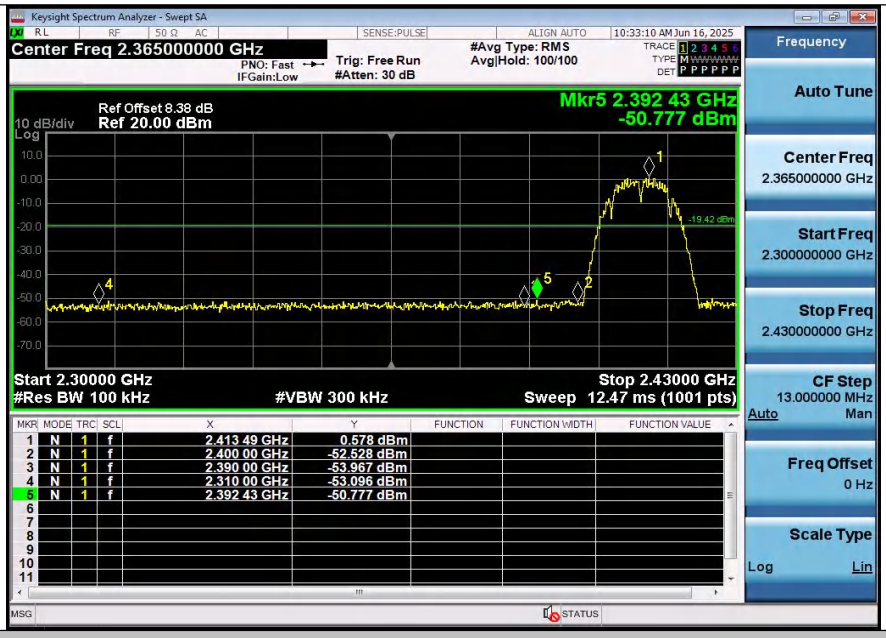
Appendix D: Band edge measurements

Ant 1

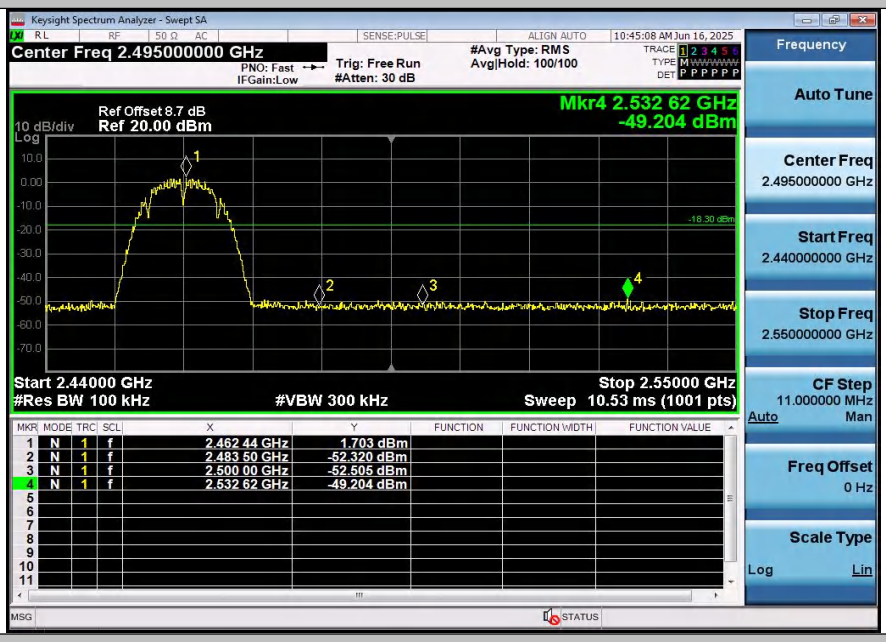
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.58	-50.78	≤-19.42	PASS
11B	Ant1	High	2462	1.70	-49.2	≤-18.3	PASS
11G	Ant1	Low	2412	-2.06	-41.76	≤-22.06	PASS
11G	Ant1	High	2462	-0.62	-49.75	≤-20.62	PASS
11N20SISO	Ant1	Low	2412	-1.66	-39.94	≤-21.66	PASS
11N20SISO	Ant1	High	2462	-1.69	-49.73	≤-21.69	PASS
11N40SISO	Ant1	Low	2422	-4.43	-50.54	≤-24.43	PASS
11N40SISO	Ant1	High	2452	-3.72	-50.31	≤-23.72	PASS
11AX20SISO	Ant1	Low	2412	-2.93	-42.48	≤-22.93	PASS
11AX20SISO	Ant1	High	2462	-1.55	-49.94	≤-21.55	PASS
11AX40SISO	Ant1	Low	2422	-4.80	-50.56	≤-24.8	PASS
11AX40SISO	Ant1	High	2452	-2.55	-49.85	≤-22.55	PASS

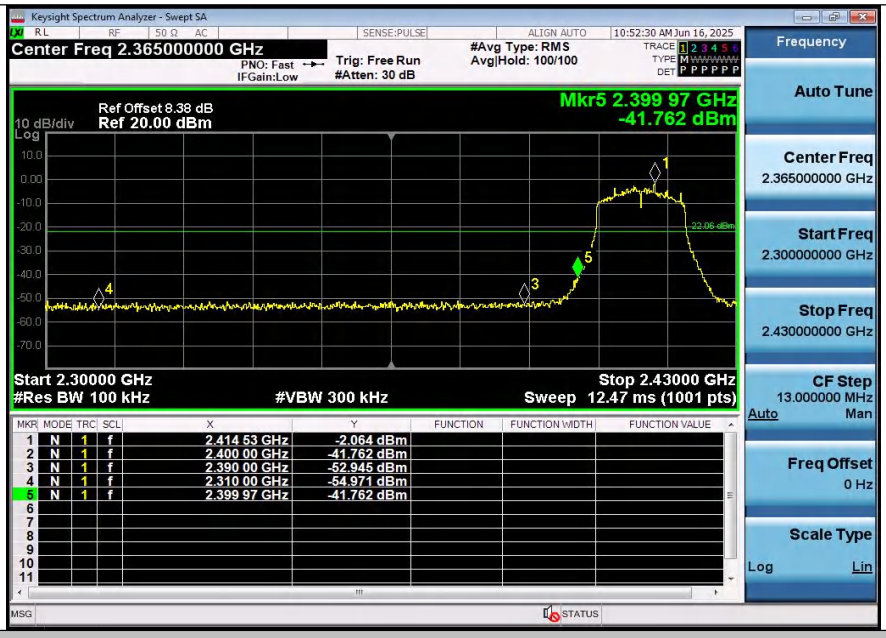
Test Graphs



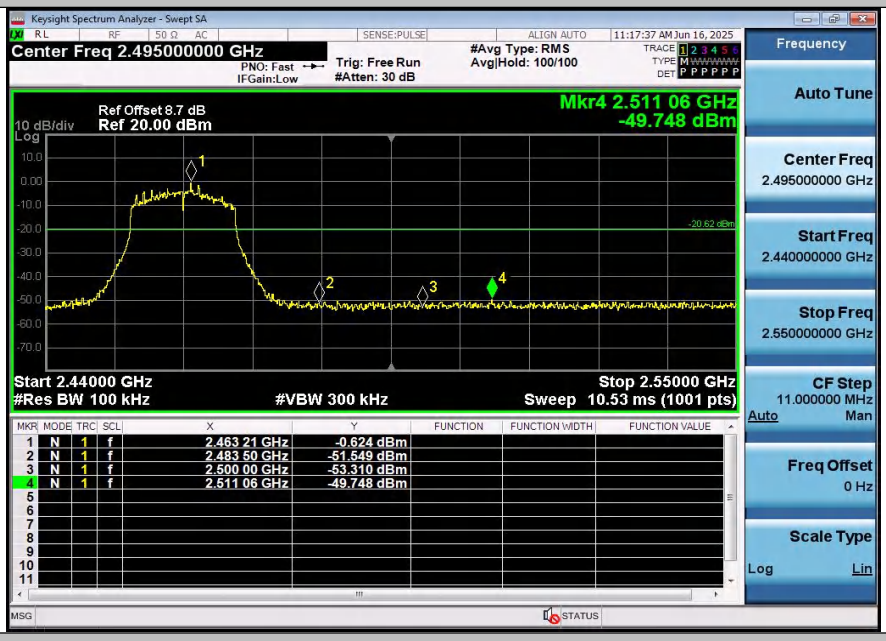
11B-Ant1-2412-PASS



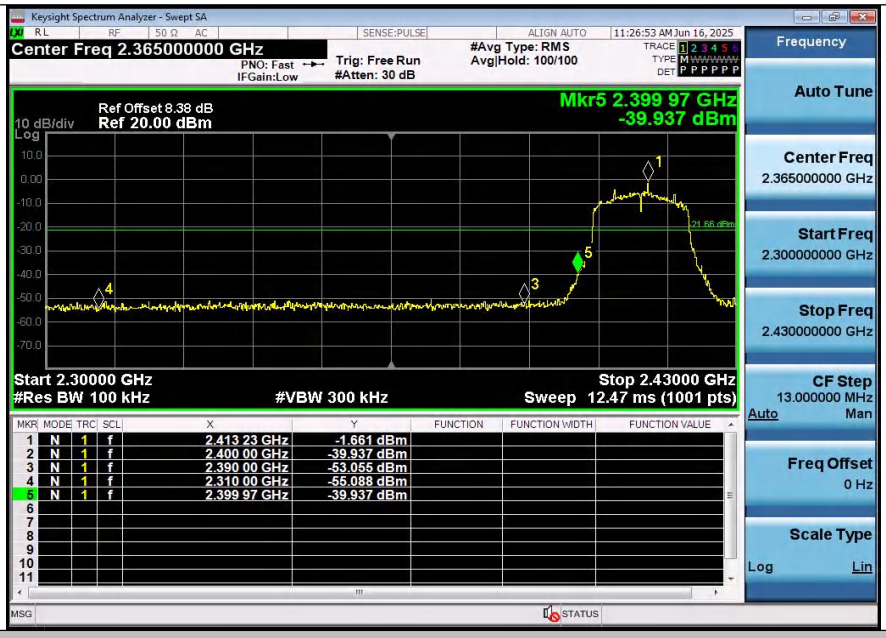
11B-Ant1-2462-PASS



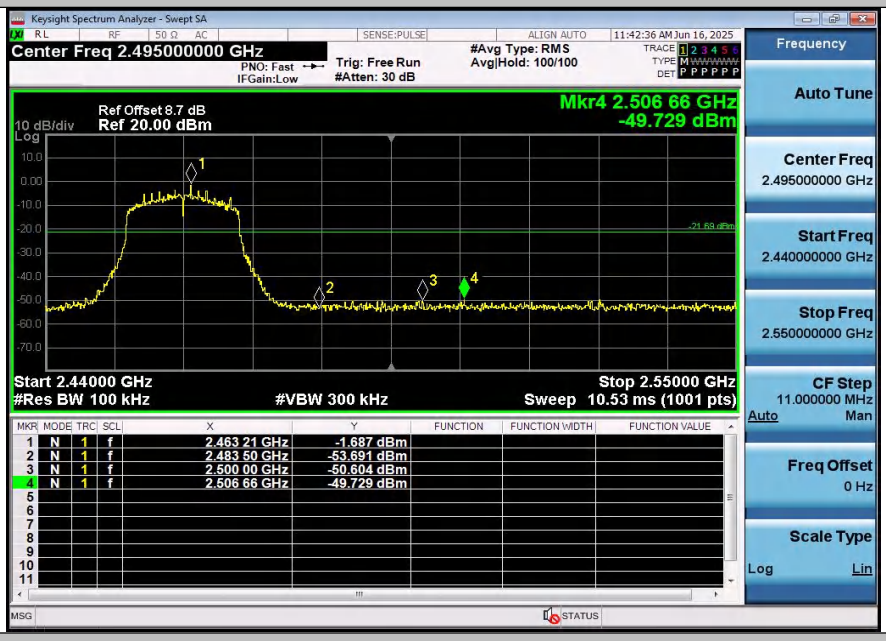
11G-Ant1-2412-PASS



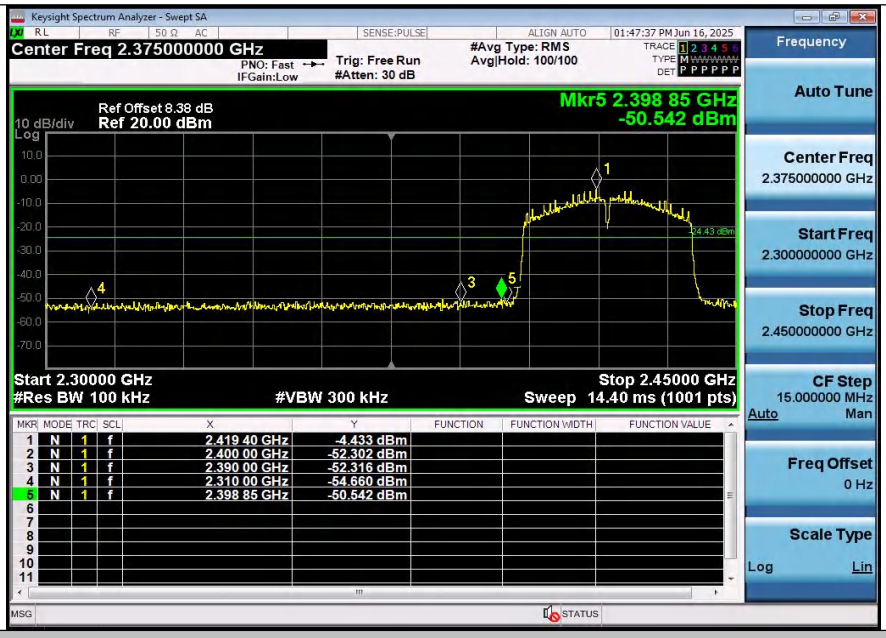
11G-Ant1-2462-PASS



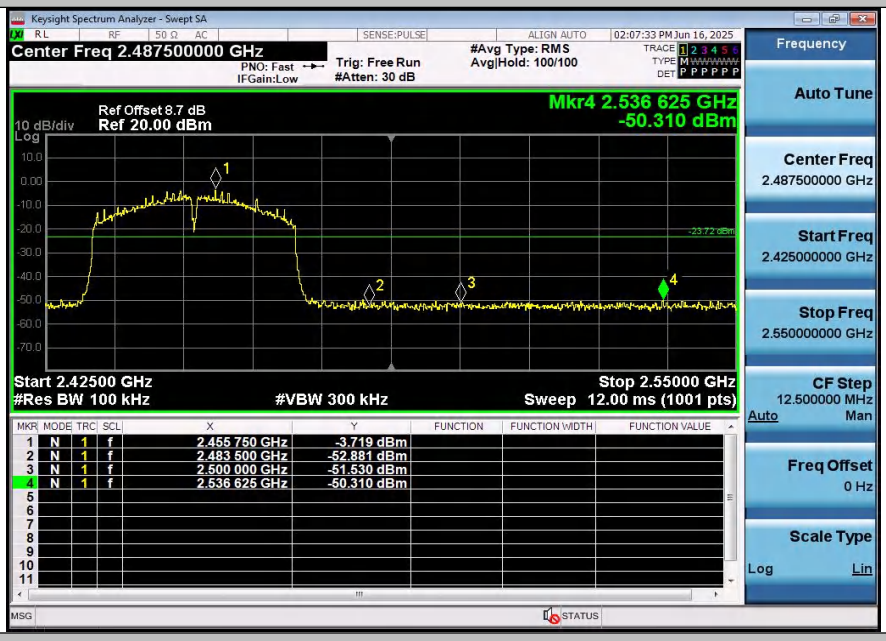
11N20SISO-Ant1-2412-PASS



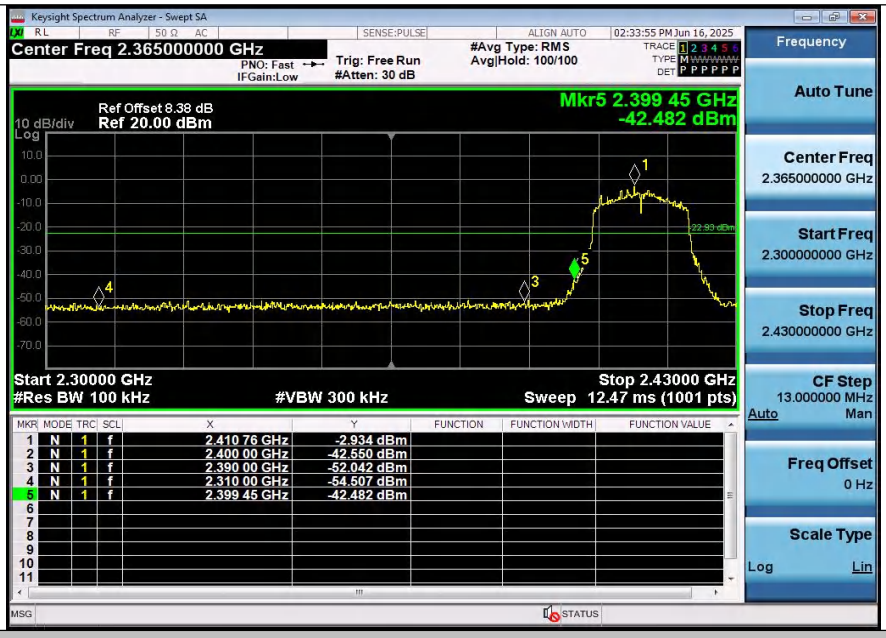
11N20SISO-Ant1-2462-PASS



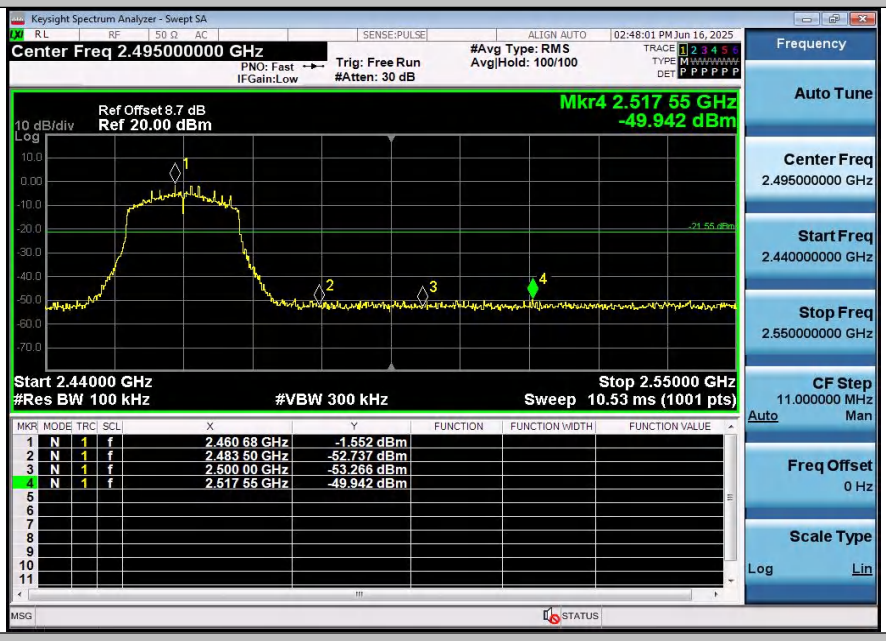
11N40SISO-Ant1-2422-PASS



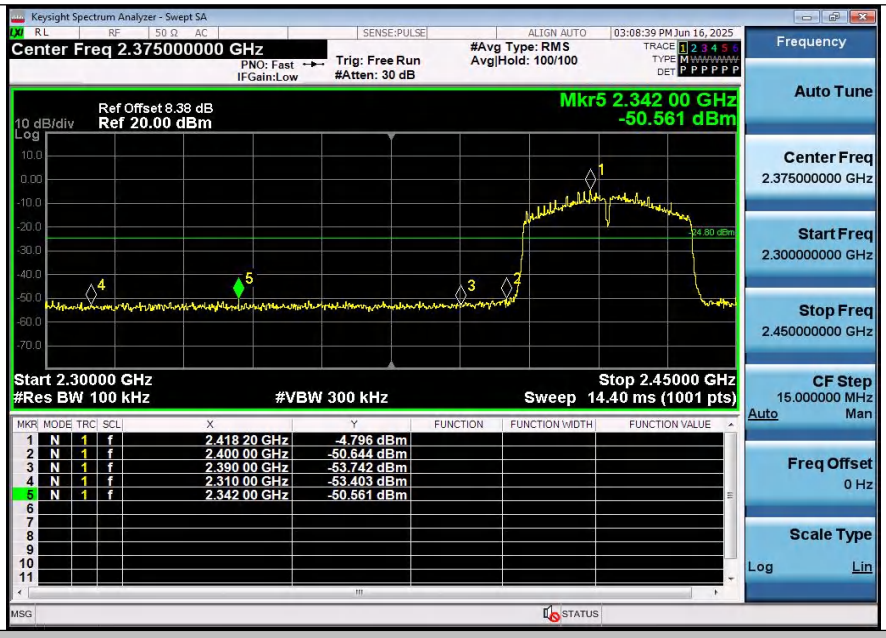
11N40SISO-Ant1-2452-PASS



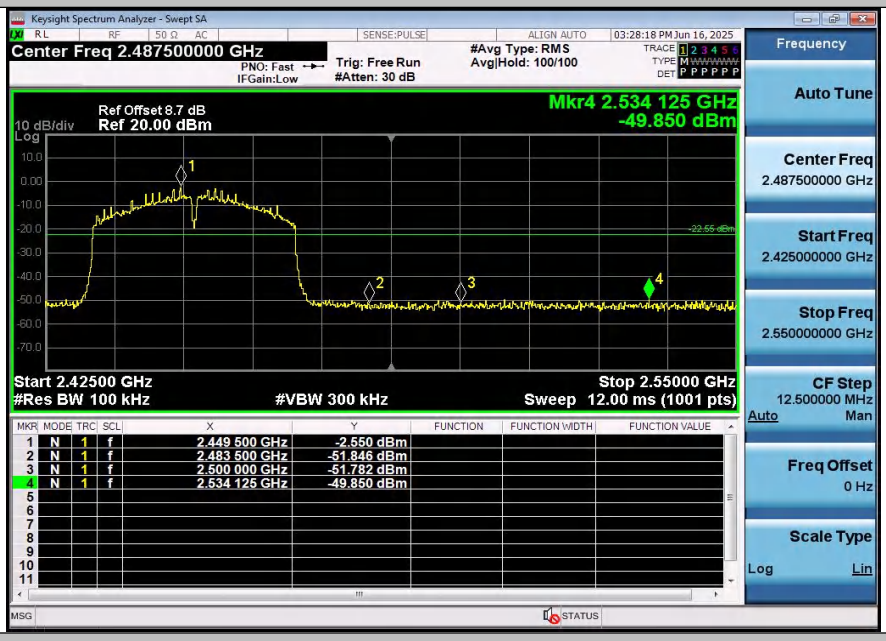
11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



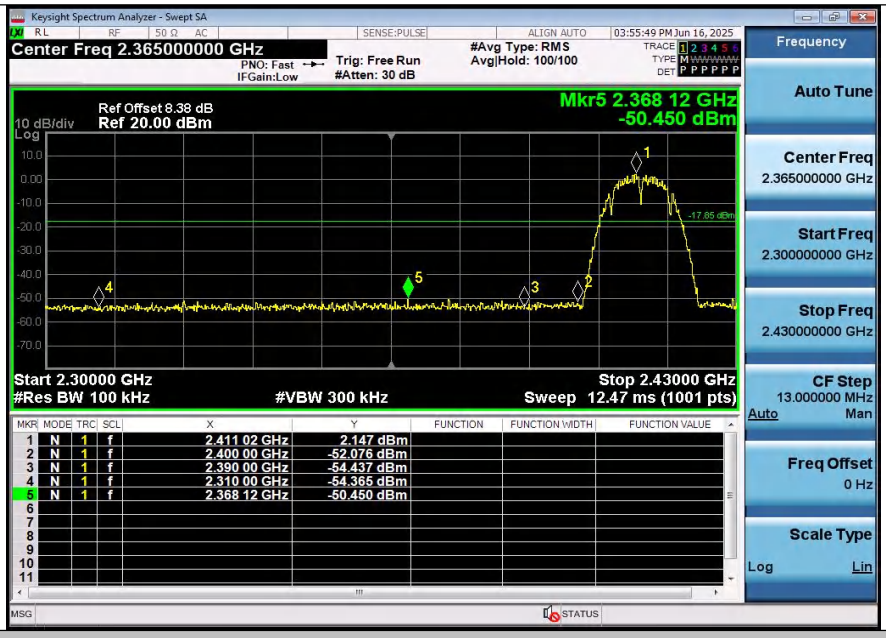
11AX40SISO-Ant1-2452-PASS

Ant 2

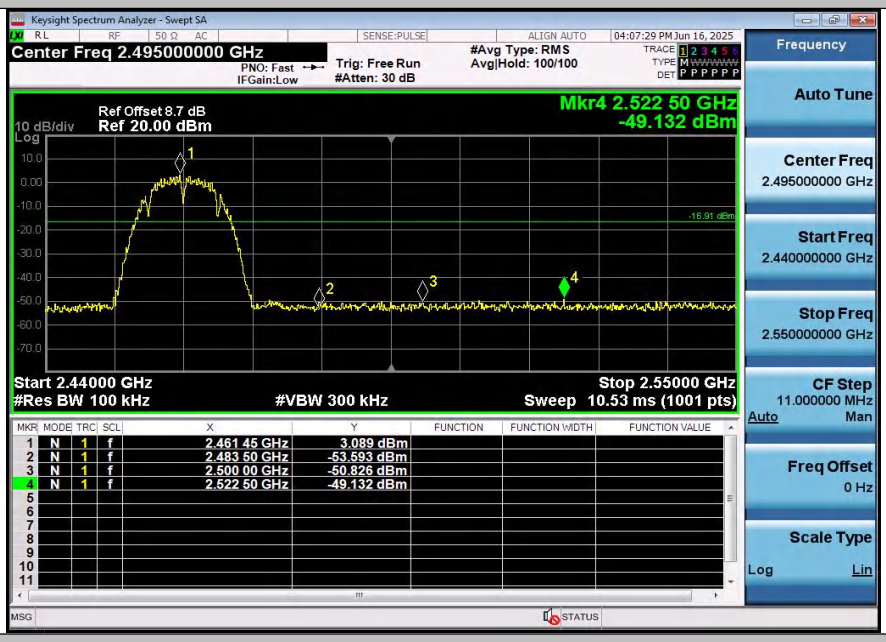
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	2.15	-50.45	≤-17.85	PASS
11B	Ant2	High	2462	3.09	-49.13	≤-16.91	PASS
11G	Ant2	Low	2412	-1.78	-44.16	≤-21.78	PASS
11G	Ant2	High	2462	-1.14	-49.81	≤-21.14	PASS
11N20SISO	Ant2	Low	2412	-3.35	-41.62	≤-23.35	PASS
11N20SISO	Ant2	High	2462	-0.82	-48.84	≤-20.82	PASS
11N40SISO	Ant2	Low	2422	-3.73	-49.34	≤-23.73	PASS
11N40SISO	Ant2	High	2452	-2.67	-50.1	≤-22.67	PASS
11AX20SISO	Ant2	Low	2412	-2.00	-42.22	≤-22	PASS
11AX20SISO	Ant2	High	2462	-0.96	-49.36	≤-20.96	PASS
11AX40SISO	Ant2	Low	2422	-4.74	-50.75	≤-24.74	PASS
11AX40SISO	Ant2	High	2452	-4.93	-49.67	≤-24.93	PASS

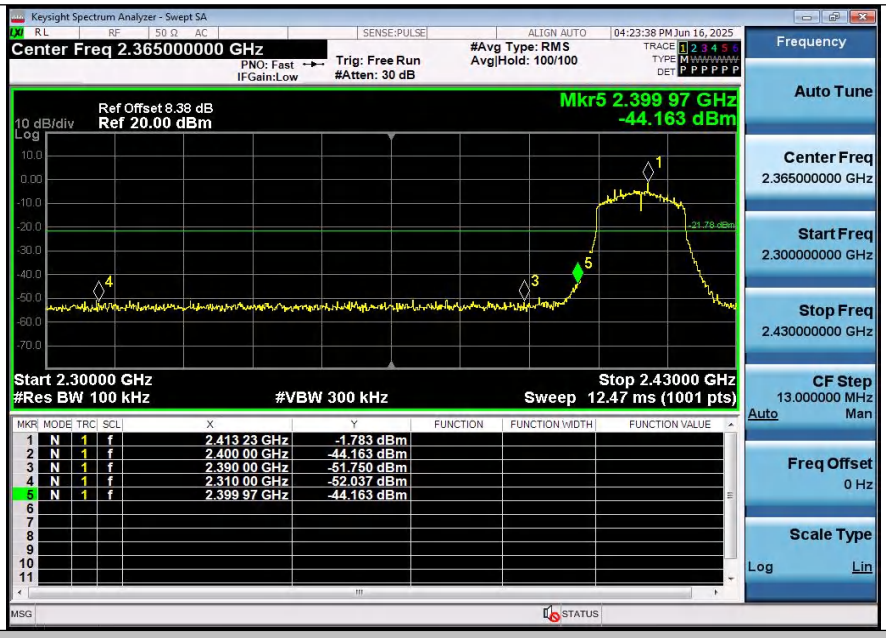
Test Graphs



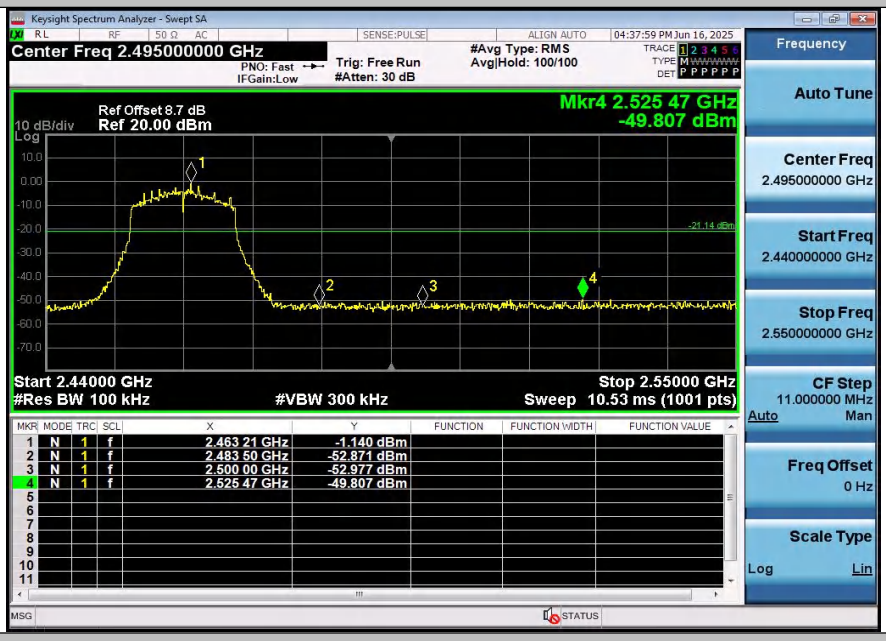
11B-Ant2-2412-PASS



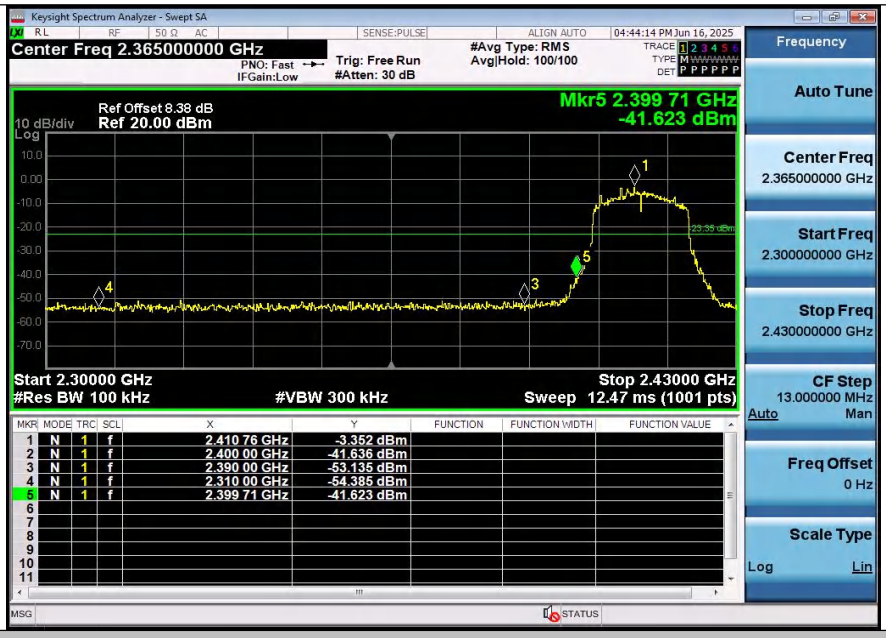
11B-Ant2-2462-PASS



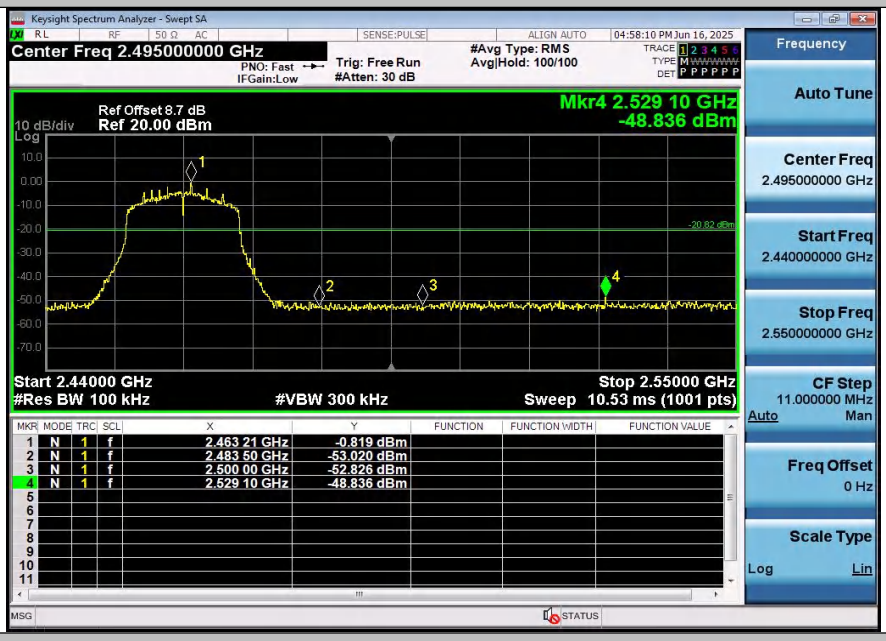
11G-Ant2-2412-PASS



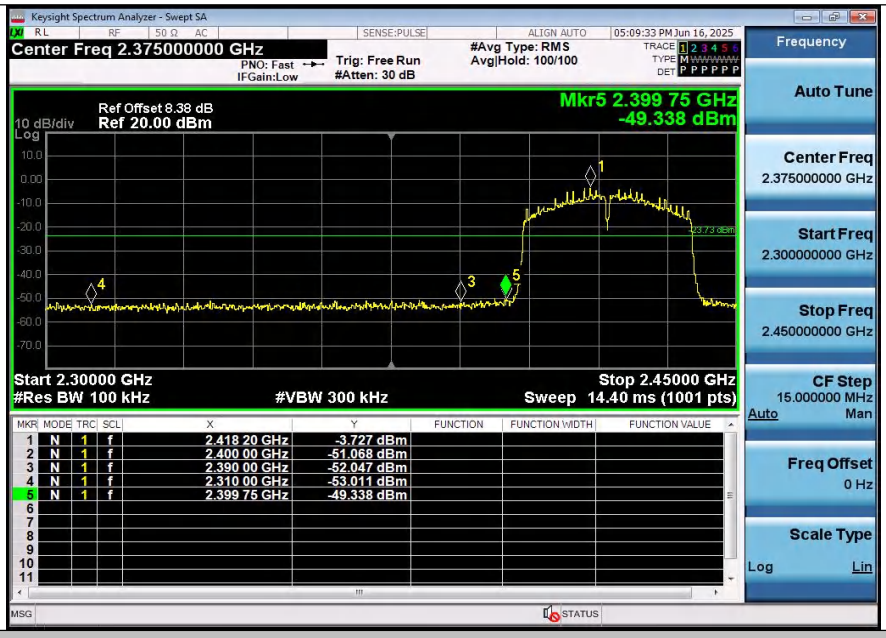
11G-Ant2-2462-PASS



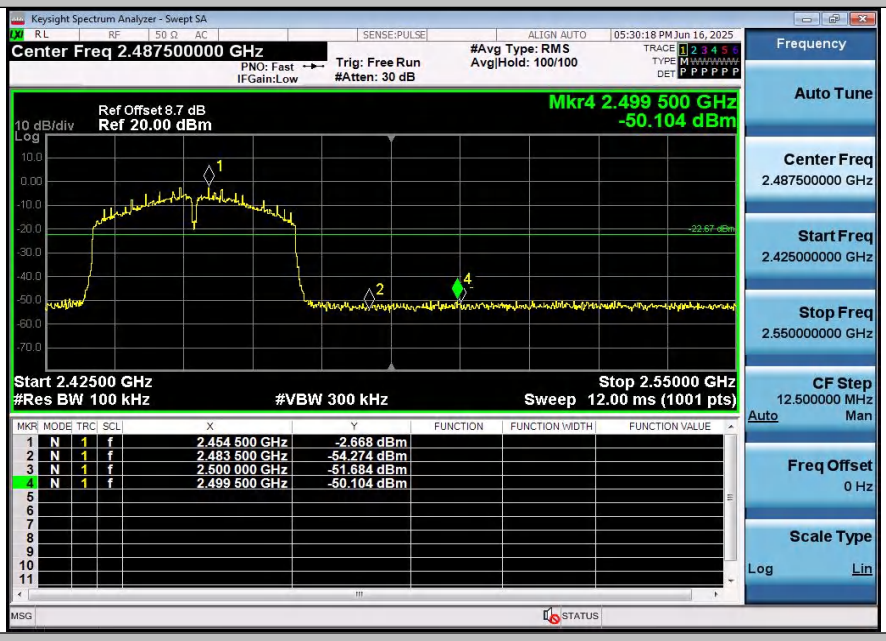
11N20SISO-Ant2-2412-PASS



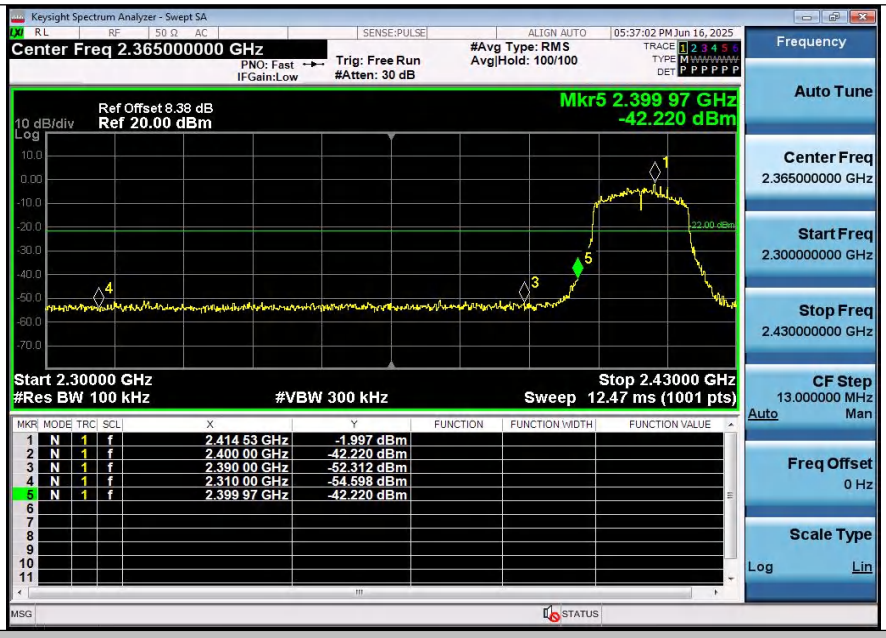
11N20SISO-Ant2-2462-PASS



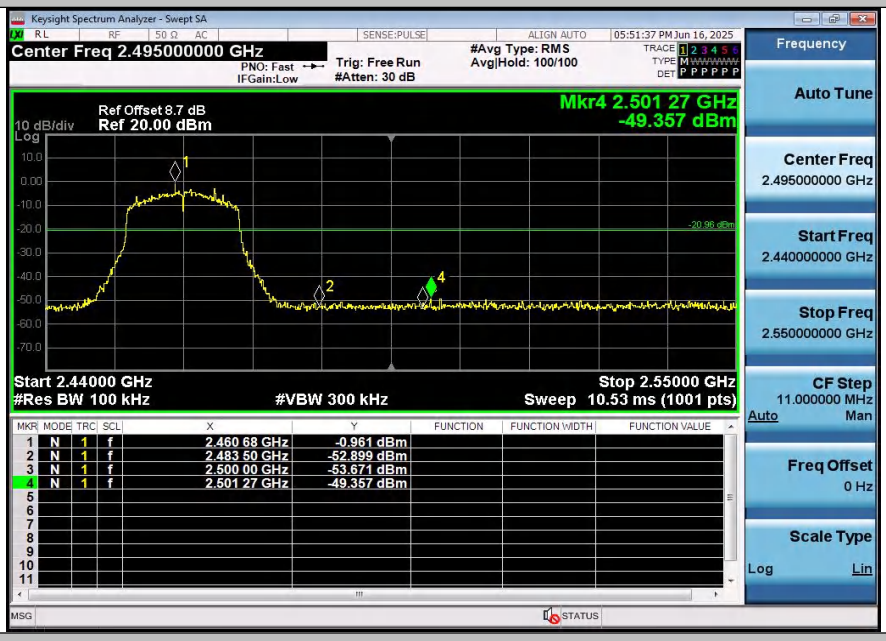
11N40SISO-Ant2-2422-PASS



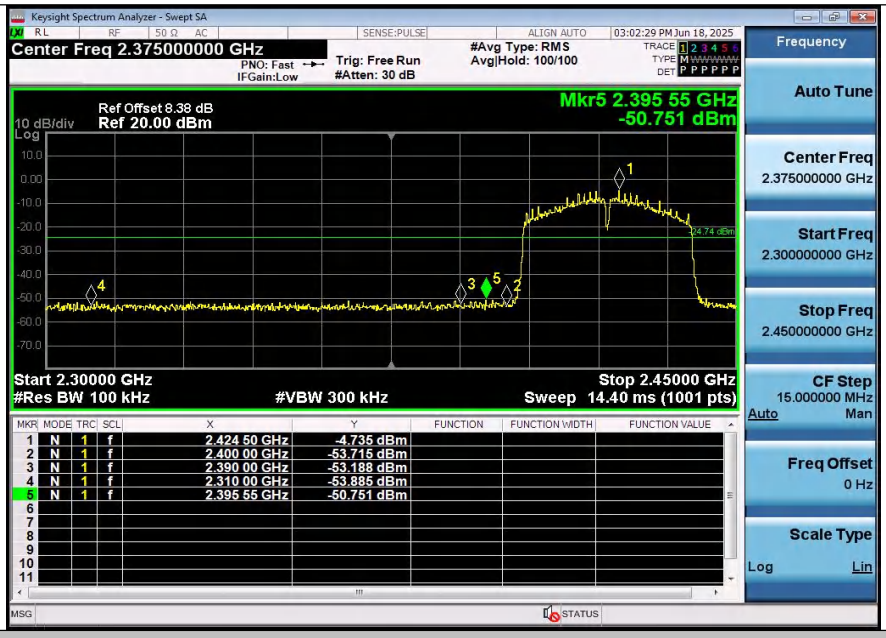
11N40SISO-Ant2-2452-PASS



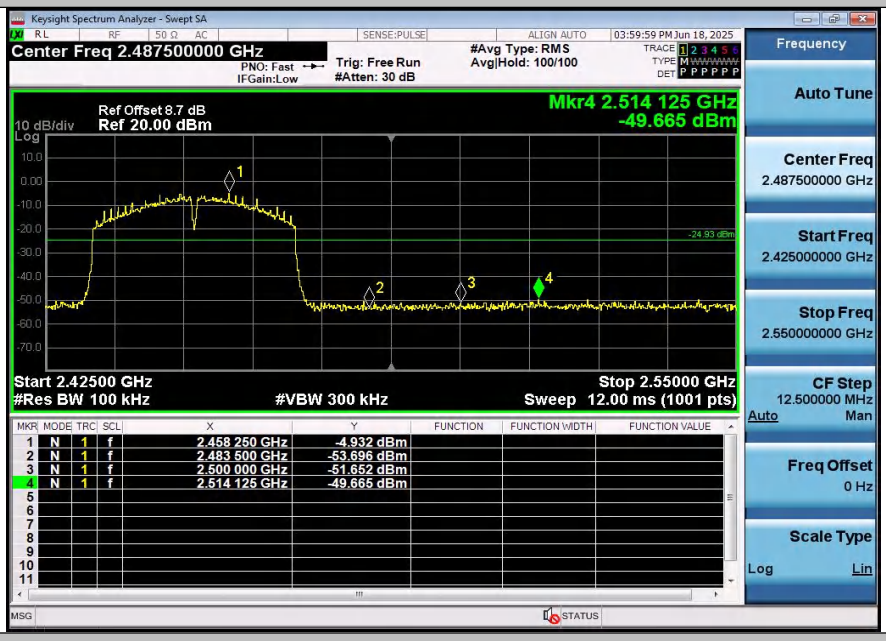
11AX20SISO-Ant2-2412-PASS



11AX20SISO-Ant2-2462-PASS



11AX40SISO-Ant2-2422-PASS



11AX40SISO-Ant2-2452-PASS

Appendix E: Conducted Spurious Emission

Ant 1

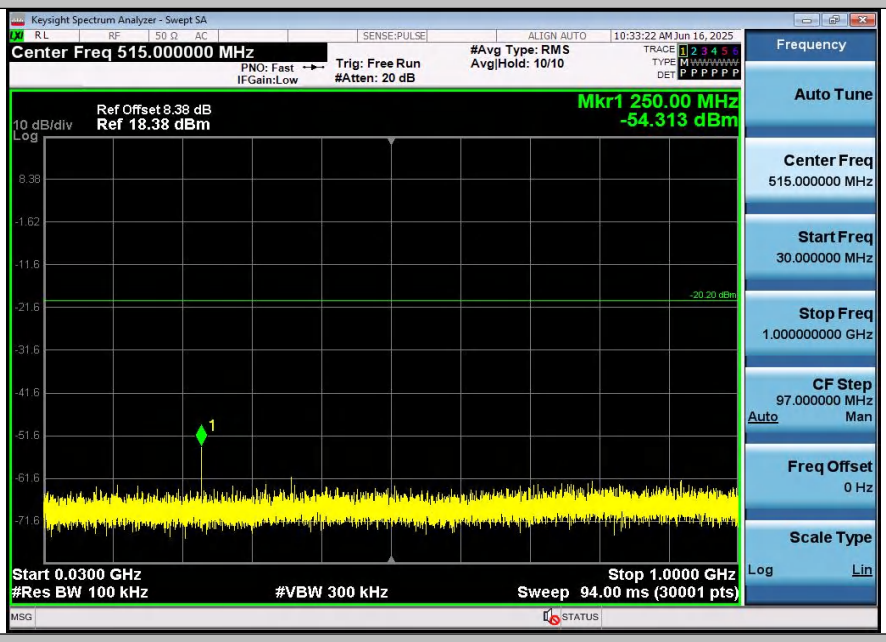
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	-0.20	-0.20	---	PASS
11B	Ant1	2412	30~1000	-0.20	-54.31	≤-20.2	PASS
11B	Ant1	2412	1000~25000	-0.20	-46.11	≤-20.2	PASS
11B	Ant1	2437	0~Reference	1.05	1.05	---	PASS
11B	Ant1	2437	30~1000	1.05	-53.95	≤-18.95	PASS
11B	Ant1	2437	1000~25000	1.05	-47.46	≤-18.95	PASS
11B	Ant1	2462	0~Reference	1.75	1.75	---	PASS
11B	Ant1	2462	30~1000	1.75	-53.98	≤-18.25	PASS
11B	Ant1	2462	1000~25000	1.75	-46.24	≤-18.25	PASS
11G	Ant1	2412	0~Reference	-0.71	-0.71	---	PASS
11G	Ant1	2412	30~1000	-0.71	-54.38	≤-20.71	PASS
11G	Ant1	2412	1000~25000	-0.71	-46.5	≤-20.71	PASS
11G	Ant1	2437	0~Reference	-2.74	-2.74	---	PASS
11G	Ant1	2437	30~1000	-2.74	-54.79	≤-22.74	PASS
11G	Ant1	2437	1000~25000	-2.74	-46.38	≤-22.74	PASS
11G	Ant1	2462	0~Reference	-2.84	-2.84	---	PASS
11G	Ant1	2462	30~1000	-2.84	-54.89	≤-22.84	PASS
11G	Ant1	2462	1000~25000	-2.84	-46.97	≤-22.84	PASS
11N20SISO	Ant1	2412	0~Reference	-2.41	-2.41	---	PASS
11N20SISO	Ant1	2412	30~1000	-2.41	-54.33	≤-22.41	PASS
11N20SISO	Ant1	2412	1000~25000	-2.41	-46.83	≤-22.41	PASS
11N20SISO	Ant1	2437	0~Reference	-0.98	-0.98	---	PASS
11N20SISO	Ant1	2437	30~1000	-0.98	-53.8	≤-20.98	PASS
11N20SISO	Ant1	2437	1000~25000	-0.98	-47.13	≤-20.98	PASS
11N20SISO	Ant1	2462	0~Reference	-1.99	-1.99	---	PASS
11N20SISO	Ant1	2462	30~1000	-1.99	-59.18	≤-21.99	PASS
11N20SISO	Ant1	2462	1000~25000	-1.99	-47.1	≤-21.99	PASS
11N40SISO	Ant1	2422	0~Reference	-4.10	-4.10	---	PASS
11N40SISO	Ant1	2422	30~1000	-4.10	-54.28	≤-24.1	PASS
11N40SISO	Ant1	2422	1000~25000	-4.10	-47.38	≤-24.1	PASS
11N40SISO	Ant1	2437	0~Reference	-3.61	-3.61	---	PASS
11N40SISO	Ant1	2437	30~1000	-3.61	-54.61	≤-23.61	PASS
11N40SISO	Ant1	2437	1000~25000	-3.61	-46.06	≤-23.61	PASS

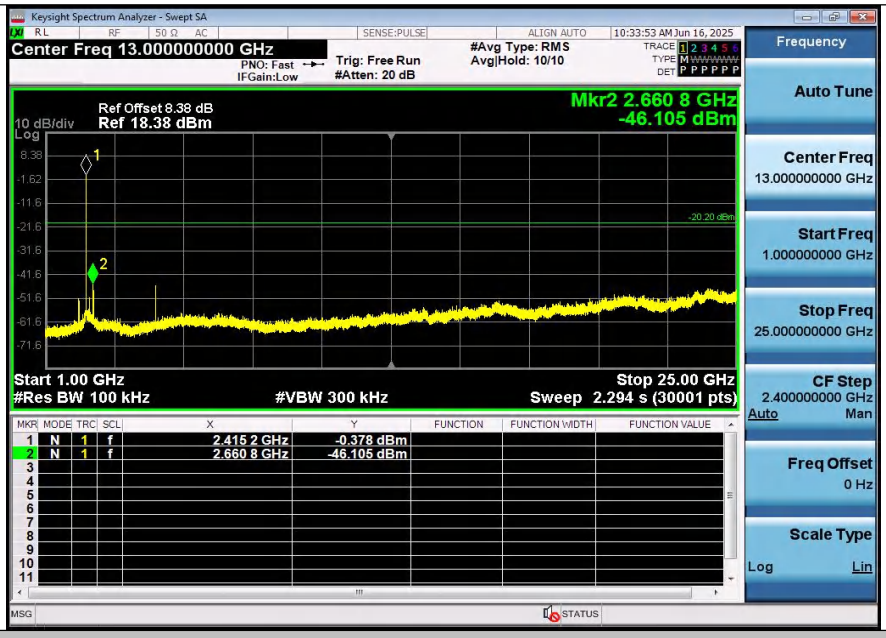
11N40SISO	Ant1	2452	0~Reference	-3.22	-3.22	---	PASS
11N40SISO	Ant1	2452	30~1000	-3.22	-54.84	≤-23.22	PASS
11N40SISO	Ant1	2452	1000~25000	-3.22	-46.93	≤-23.22	PASS
11AX20SISO	Ant1	2412	0~Reference	-3.35	-3.35	---	PASS
11AX20SISO	Ant1	2412	30~1000	-3.35	-54.47	≤-23.35	PASS
11AX20SISO	Ant1	2412	1000~25000	-3.35	-46.65	≤-23.35	PASS
11AX20SISO	Ant1	2437	0~Reference	-2.12	-2.12	---	PASS
11AX20SISO	Ant1	2437	30~1000	-2.12	-55.09	≤-22.12	PASS
11AX20SISO	Ant1	2437	1000~25000	-2.12	-46.94	≤-22.12	PASS
11AX20SISO	Ant1	2462	0~Reference	-3.08	-3.08	---	PASS
11AX20SISO	Ant1	2462	30~1000	-3.08	-54.74	≤-23.08	PASS
11AX20SISO	Ant1	2462	1000~25000	-3.08	-46.66	≤-23.08	PASS
11AX40SISO	Ant1	2422	0~Reference	-4.64	-4.64	---	PASS
11AX40SISO	Ant1	2422	30~1000	-4.64	-53.97	≤-24.64	PASS
11AX40SISO	Ant1	2422	1000~25000	-4.64	-46.79	≤-24.64	PASS
11AX40SISO	Ant1	2437	0~Reference	-3.22	-3.22	---	PASS
11AX40SISO	Ant1	2437	30~1000	-3.22	-54.15	≤-23.22	PASS
11AX40SISO	Ant1	2437	1000~25000	-3.22	-44.46	≤-23.22	PASS
11AX40SISO	Ant1	2452	0~Reference	-2.40	-2.40	---	PASS
11AX40SISO	Ant1	2452	30~1000	-2.40	-54.64	≤-22.4	PASS
11AX40SISO	Ant1	2452	1000~25000	-2.40	-46.74	≤-22.4	PASS

Test Graphs

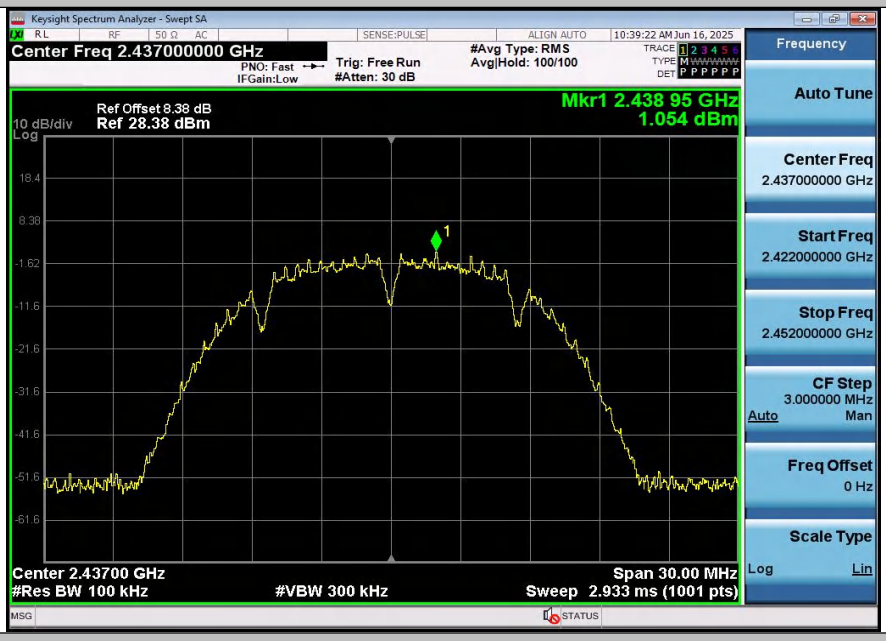
11B-Ant1-2412-0~Reference-PASS



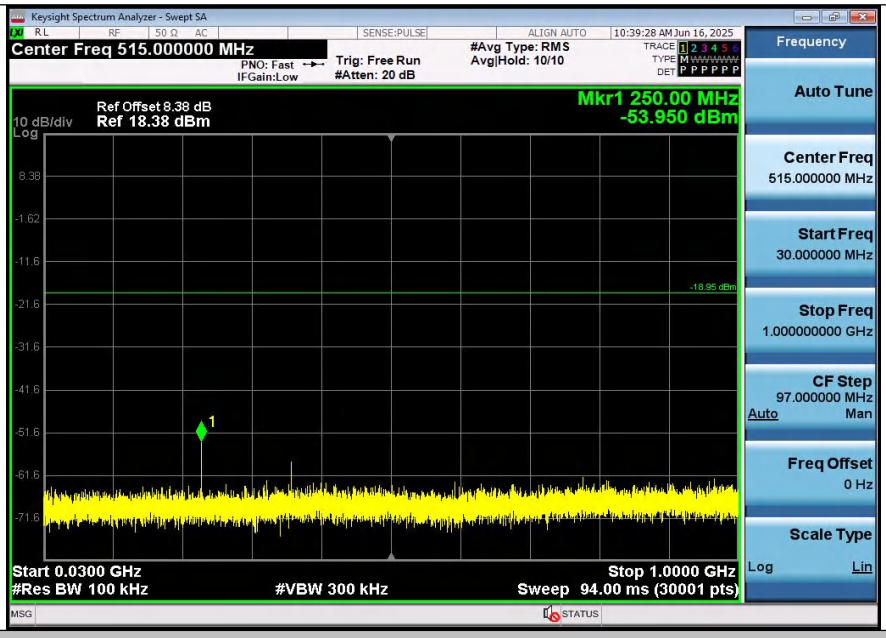
11B-Ant1-2412-30~1000-PASS



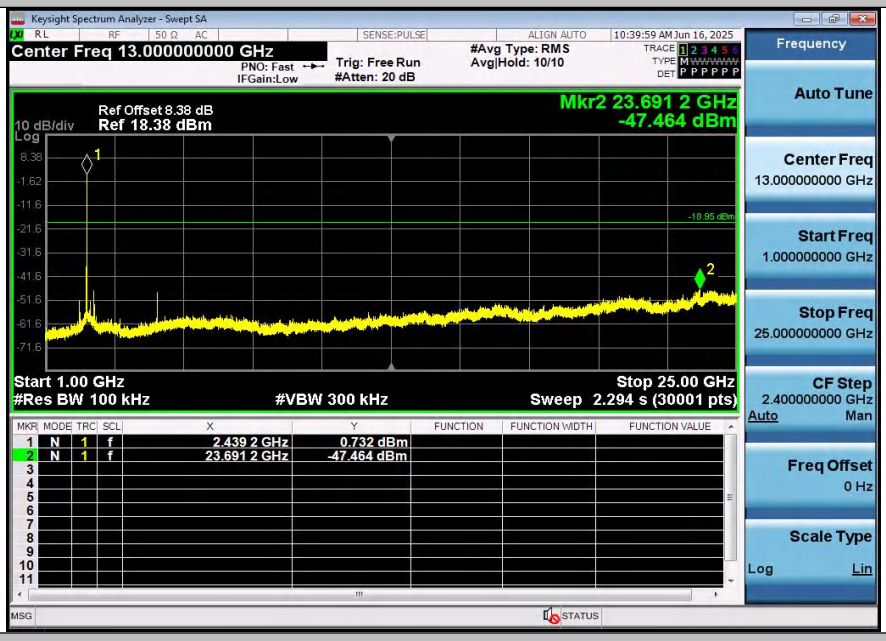
11B-Ant1-2412-1000~25000-PASS



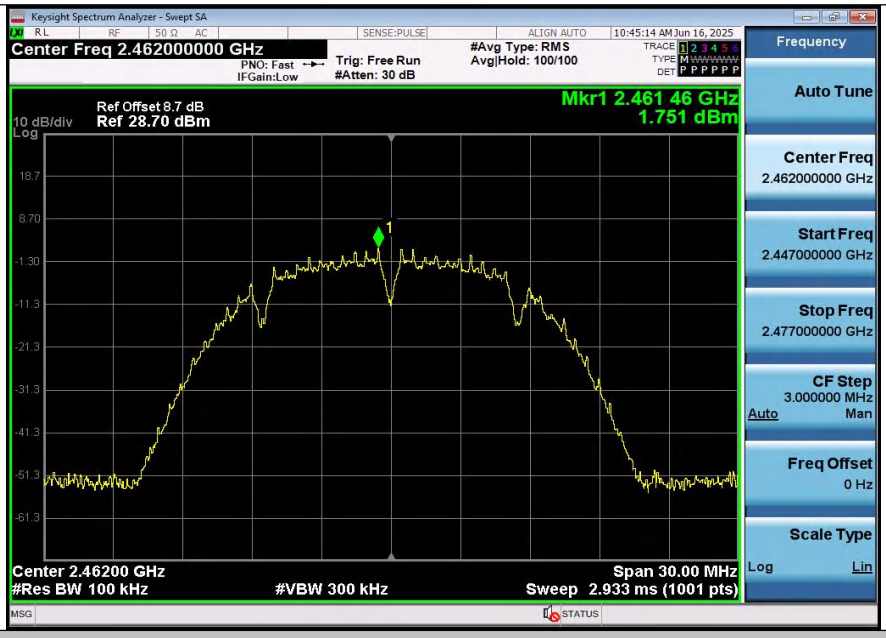
11B-Ant1-2437-0~Reference-PASS



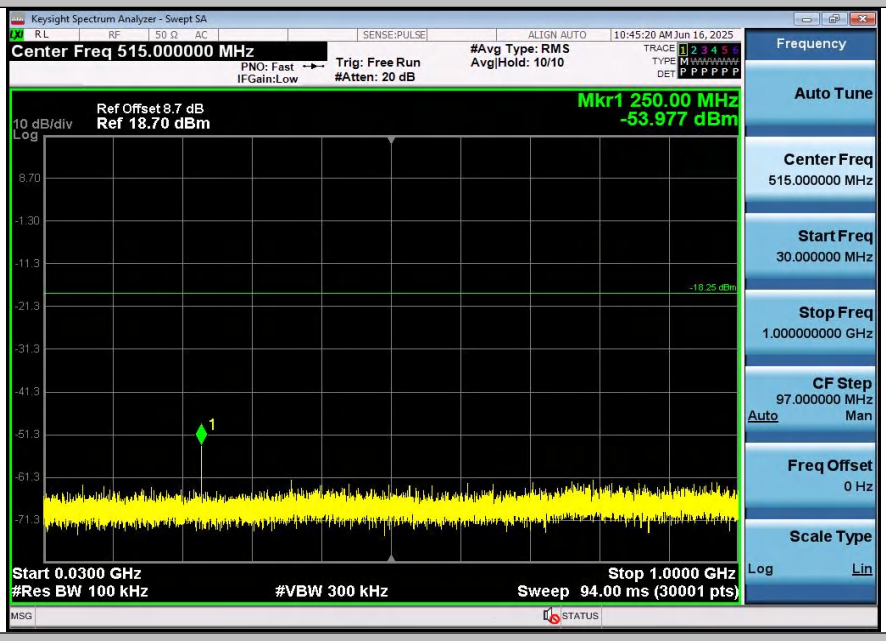
11B-Ant1-2437-30~1000-PASS



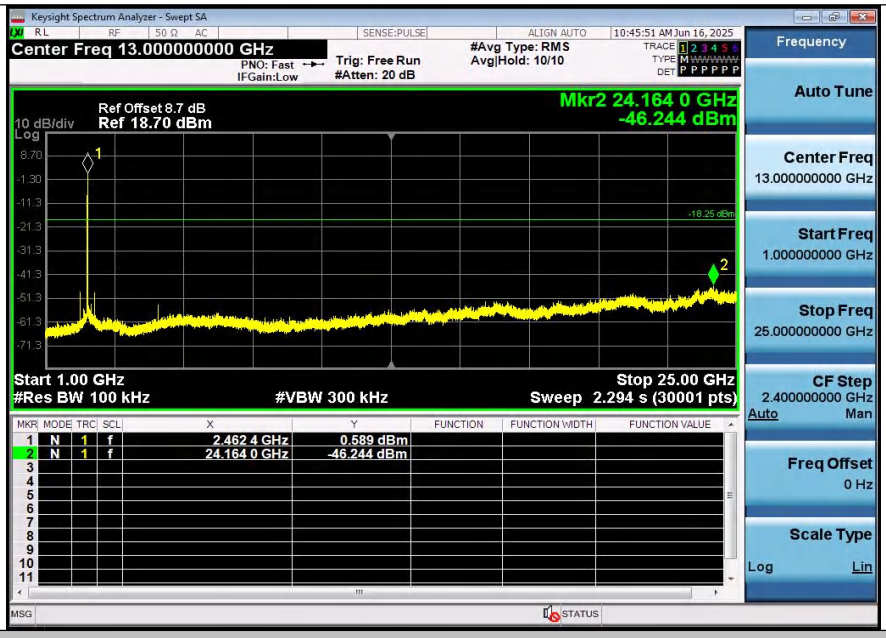
11B-Ant1-2437-1000~25000-PASS



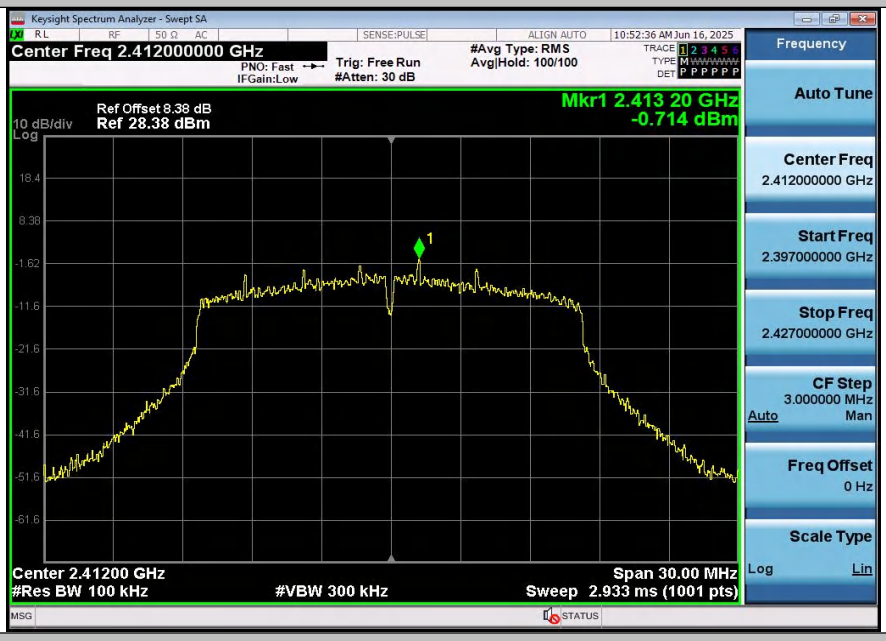
11B-Ant1-2462-0~Reference-PASS



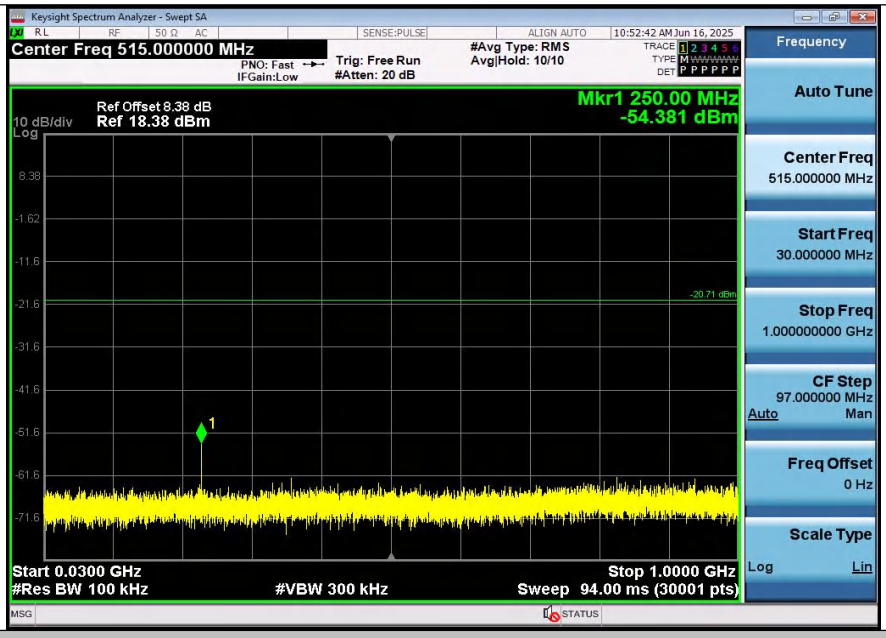
11B-Ant1-2462-30~1000-PASS



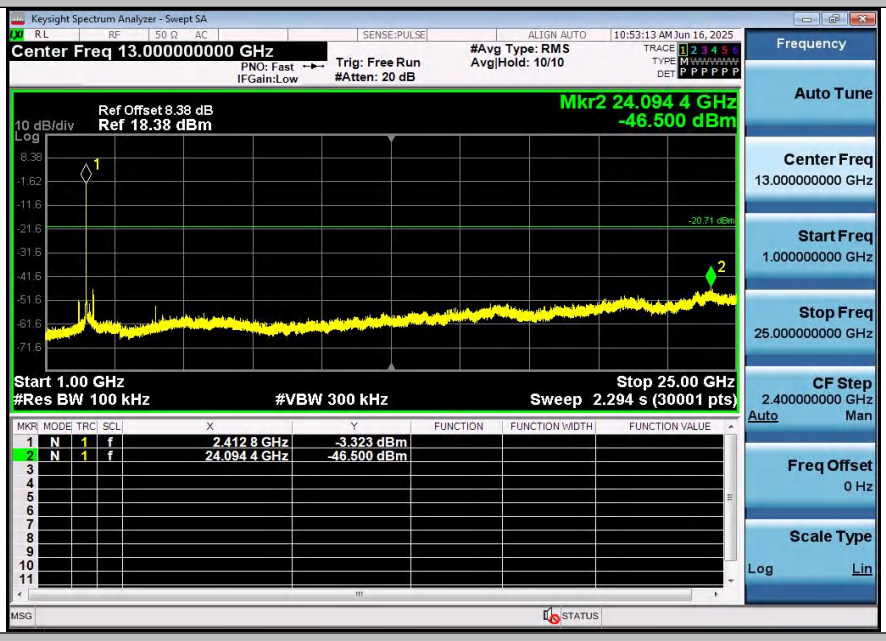
11B-Ant1-2462-1000~25000-PASS



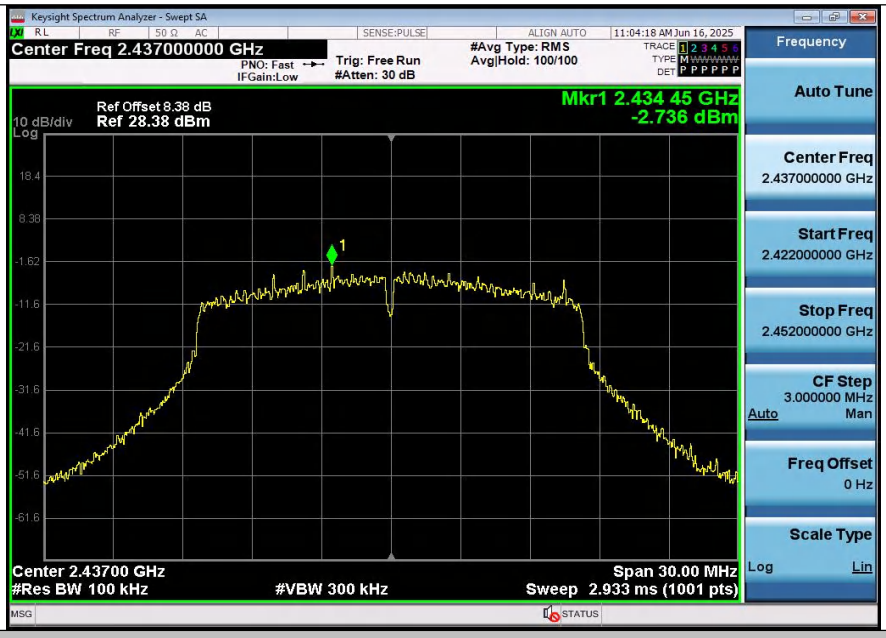
11G-Ant1-2412-0~Reference-PASS



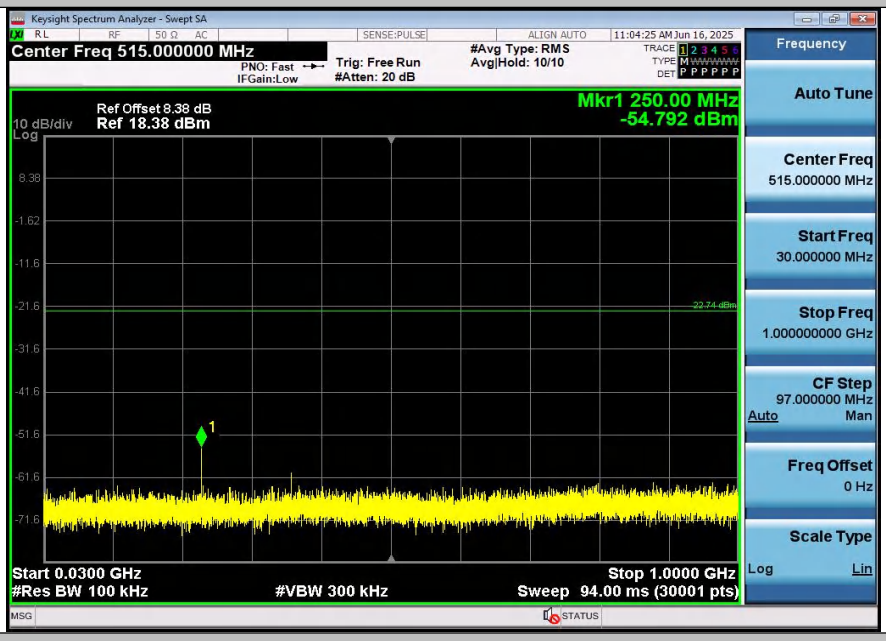
11G-Ant1-2412-30~1000-PASS



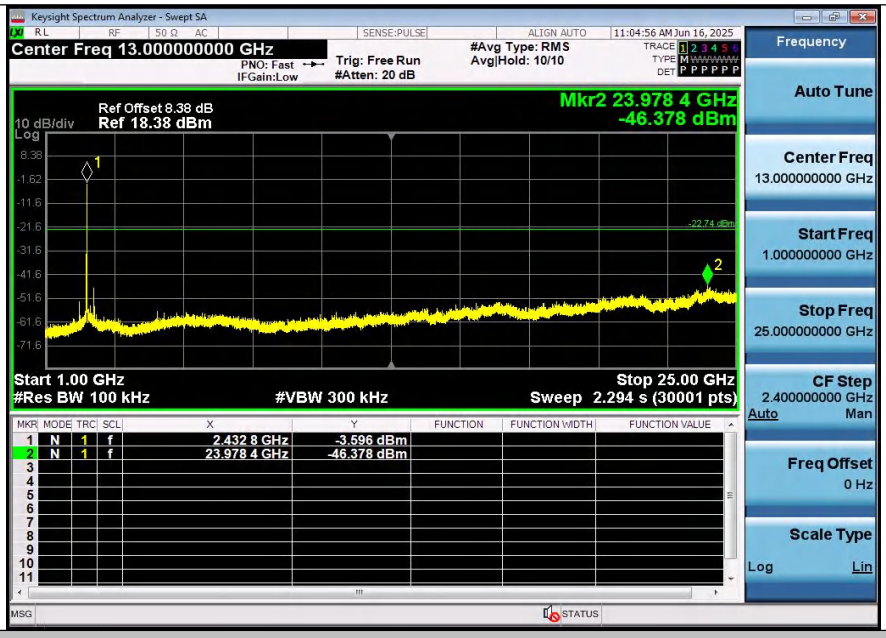
11G-Ant1-2412-1000~25000-PASS



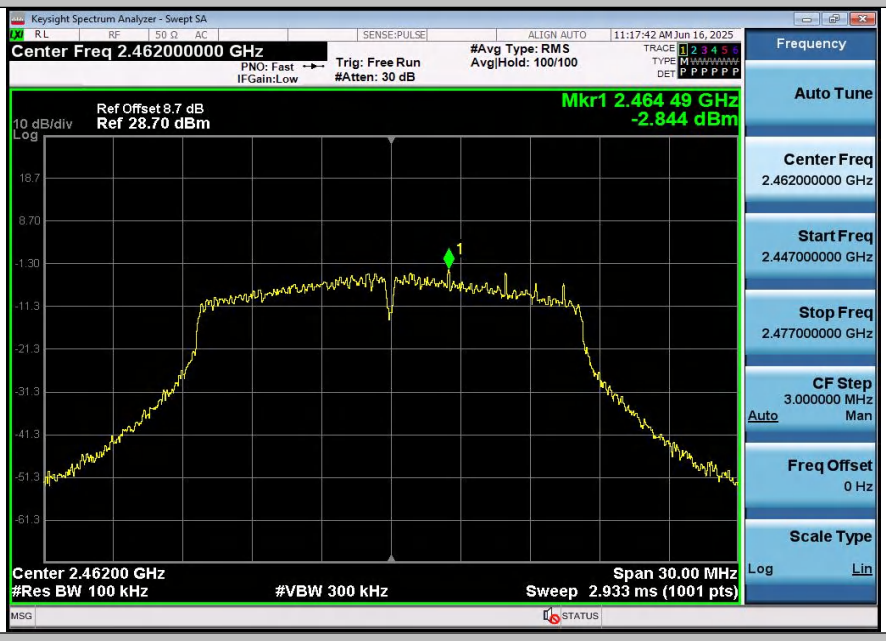
11G-Ant1-2437-0~Reference-PASS



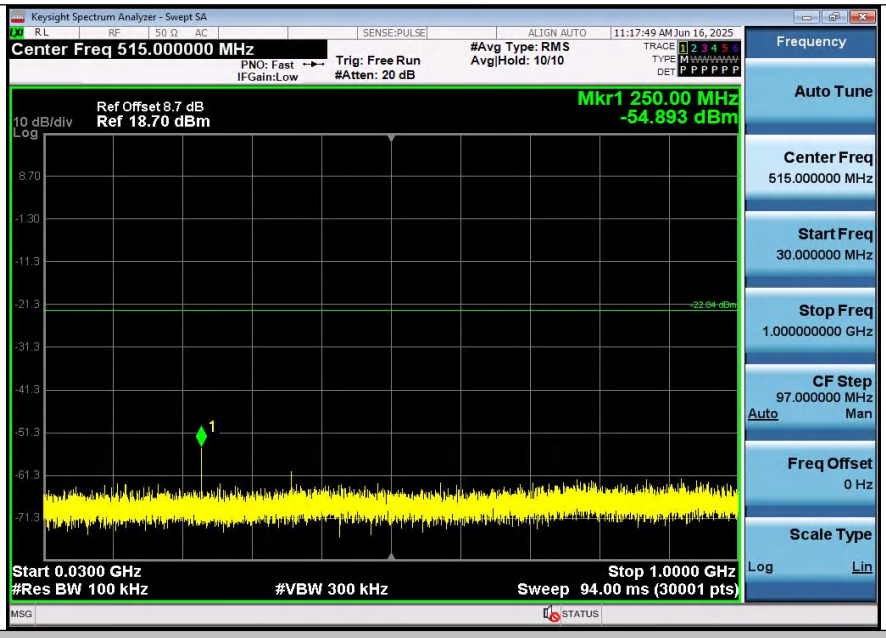
11G-Ant1-2437-30~1000-PASS



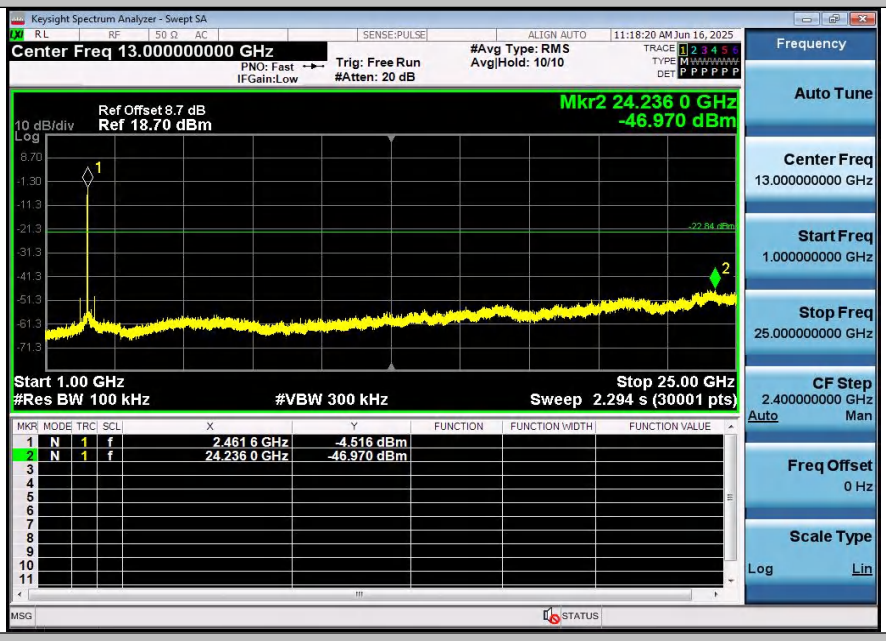
11G-Ant1-2437-1000~25000-PASS



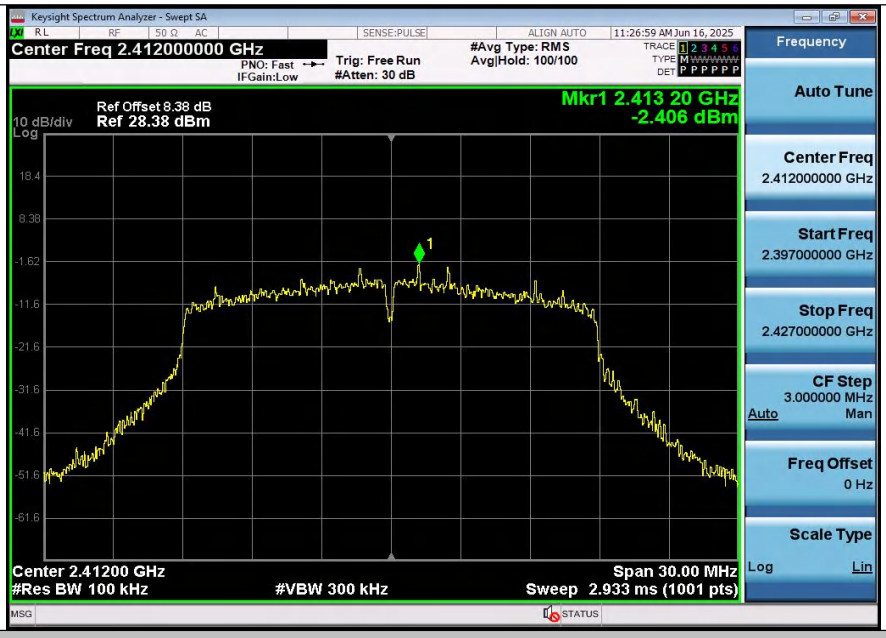
11G-Ant1-2462-0~Reference-PASS



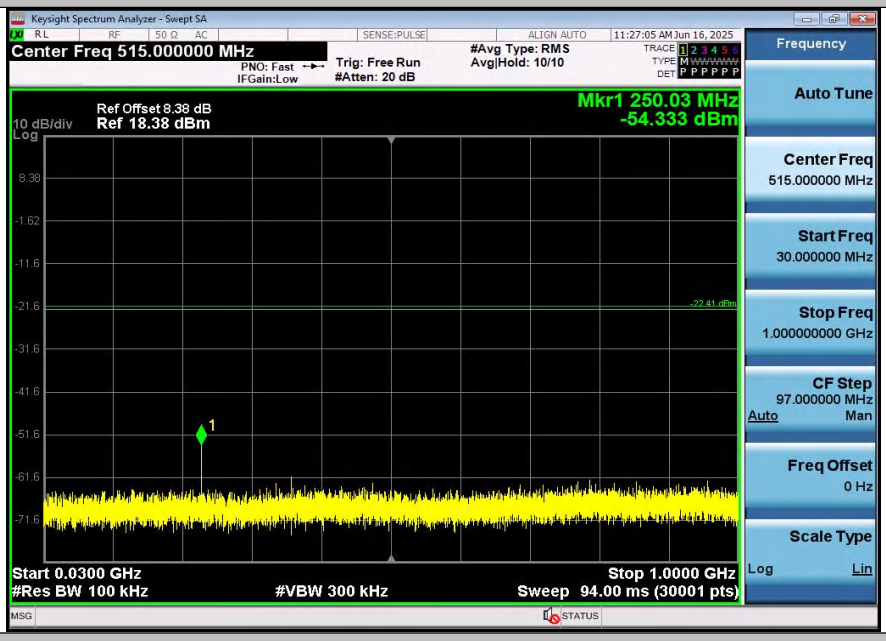
11G-Ant1-2462-30~1000-PASS



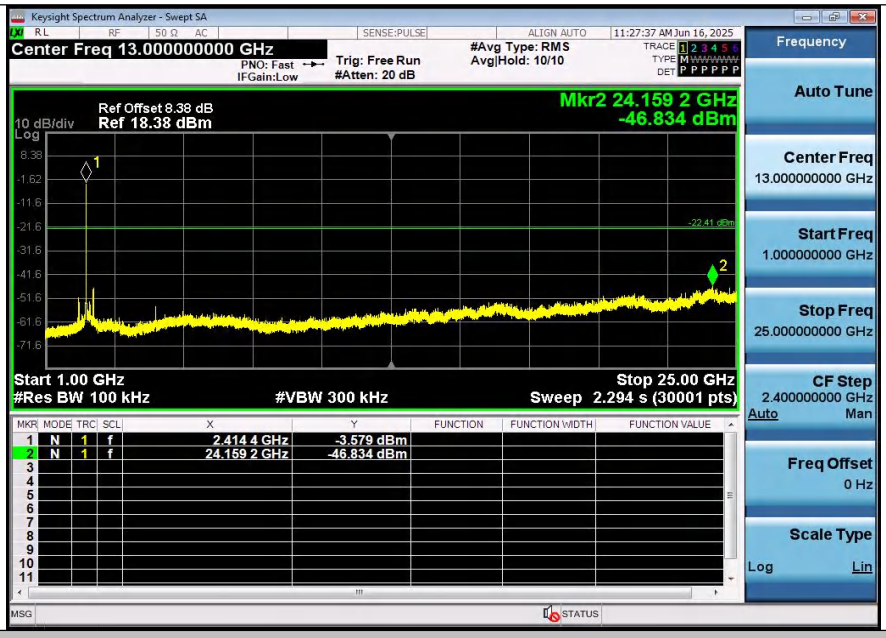
11G-Ant1-2462-1000~25000-PASS



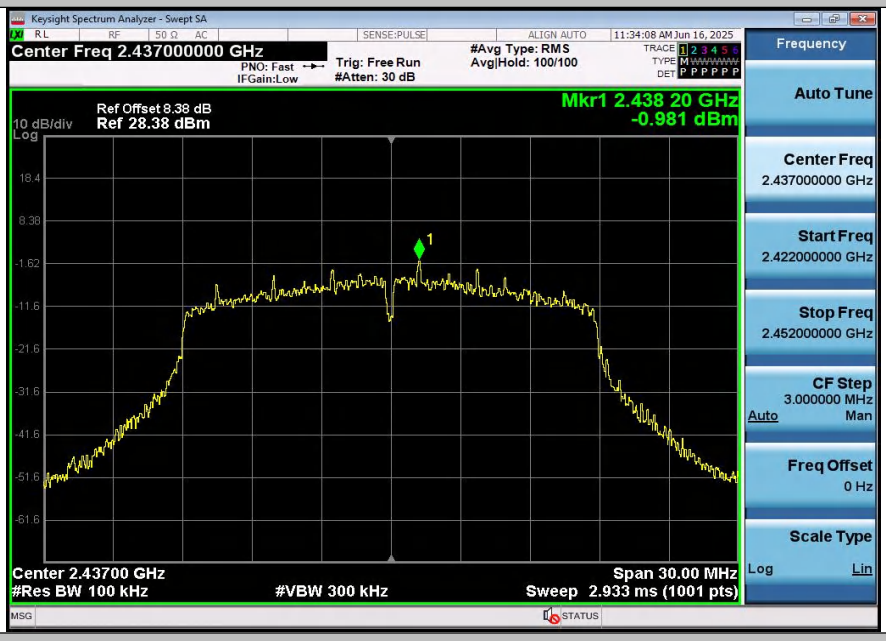
11N20SISO-Ant1-2412-0~Reference-PASS



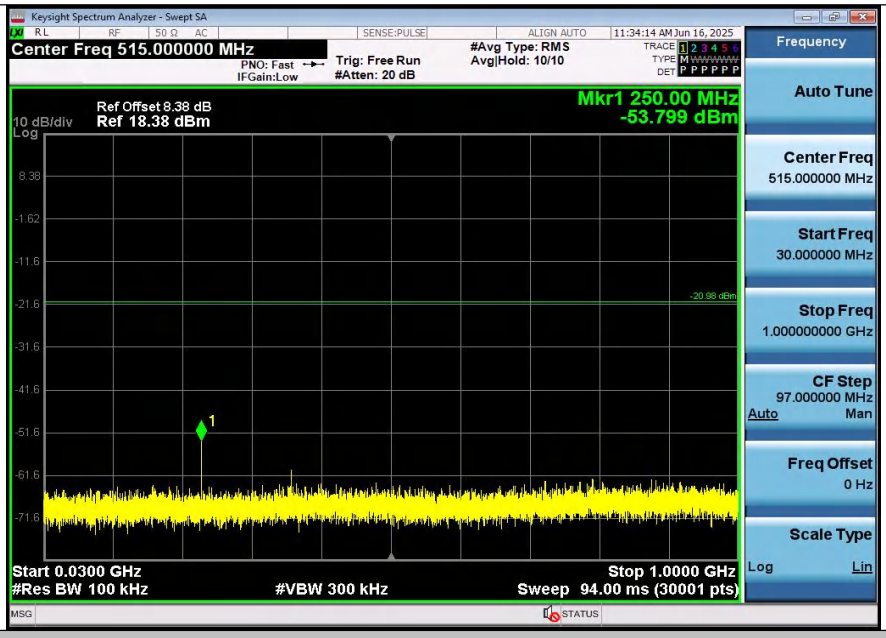
11N20SISO-Ant1-2412-30~1000-PASS



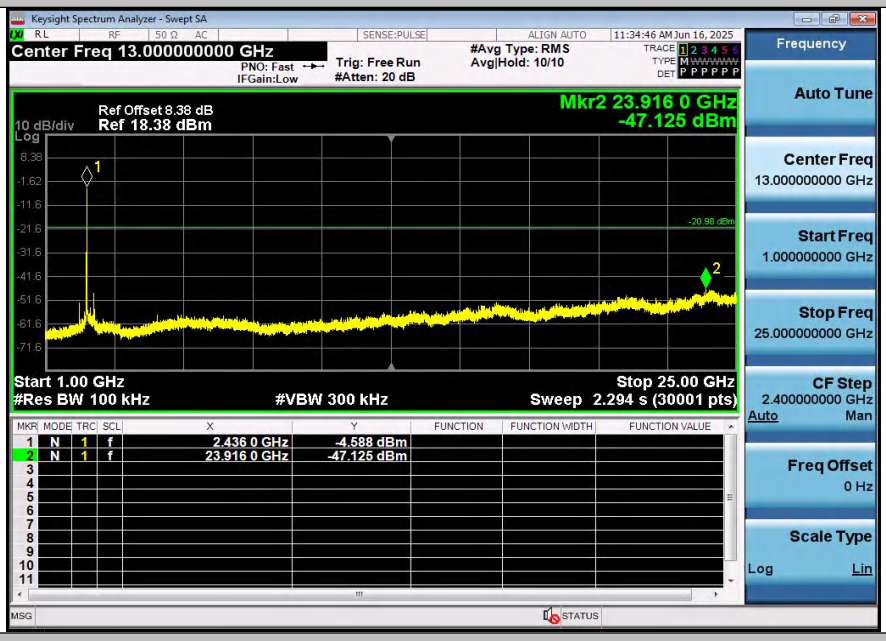
11N20SISO-Ant1-2412-1000~25000-PASS



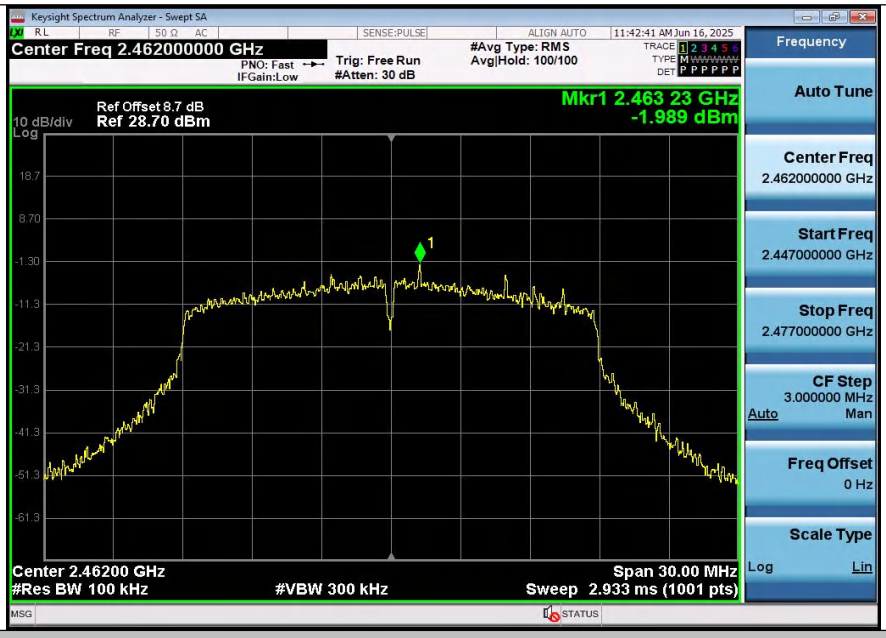
11N20SISO-Ant1-2437-0~Reference-PASS



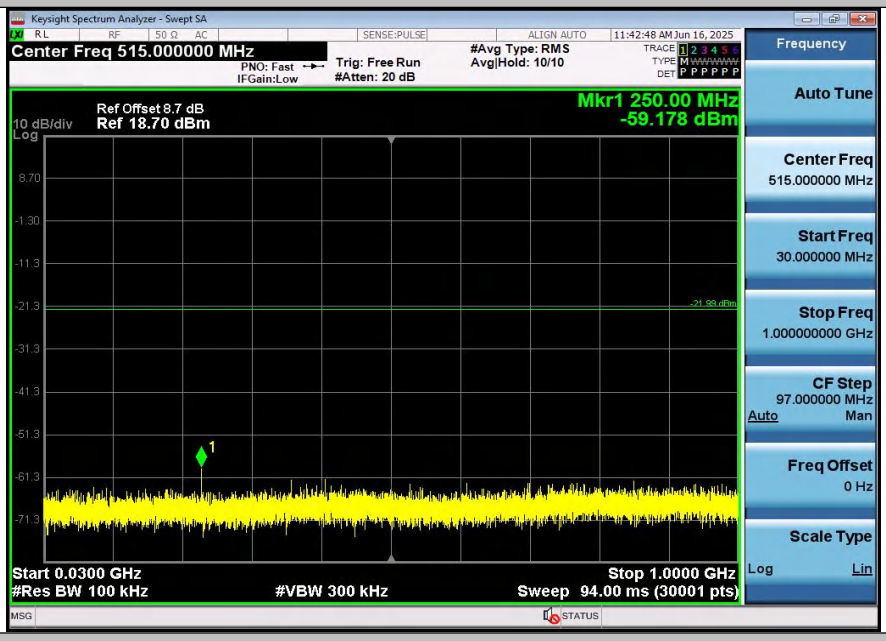
11N20SISO-Ant1-2437-30~1000-PASS



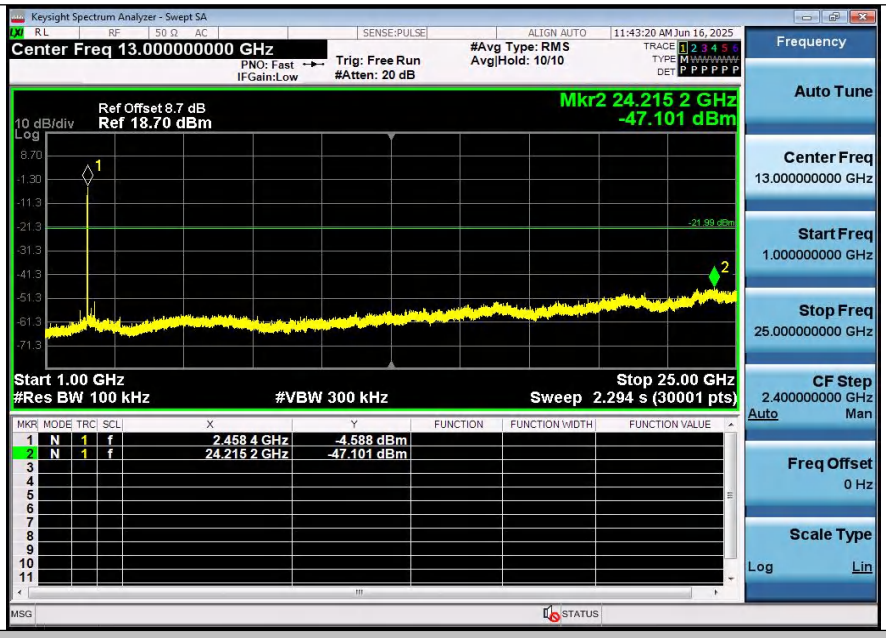
11N20SISO-Ant1-2437-1000~25000-PASS



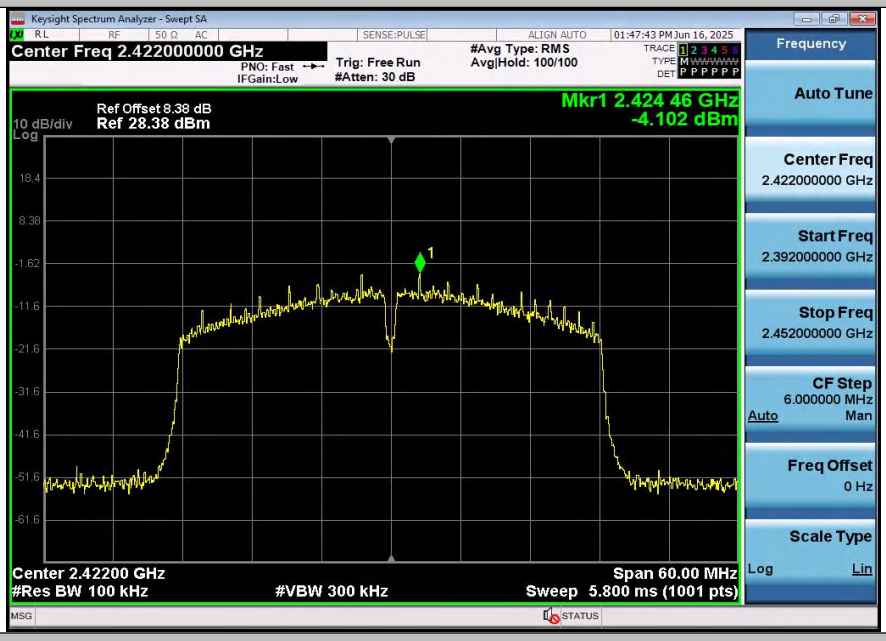
11N20SISO-Ant1-2462-0~Reference-PASS



11N20SISO-Ant1-2462-30~1000-PASS



11N20SISO-Ant1-2462-1000~25000-PASS



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