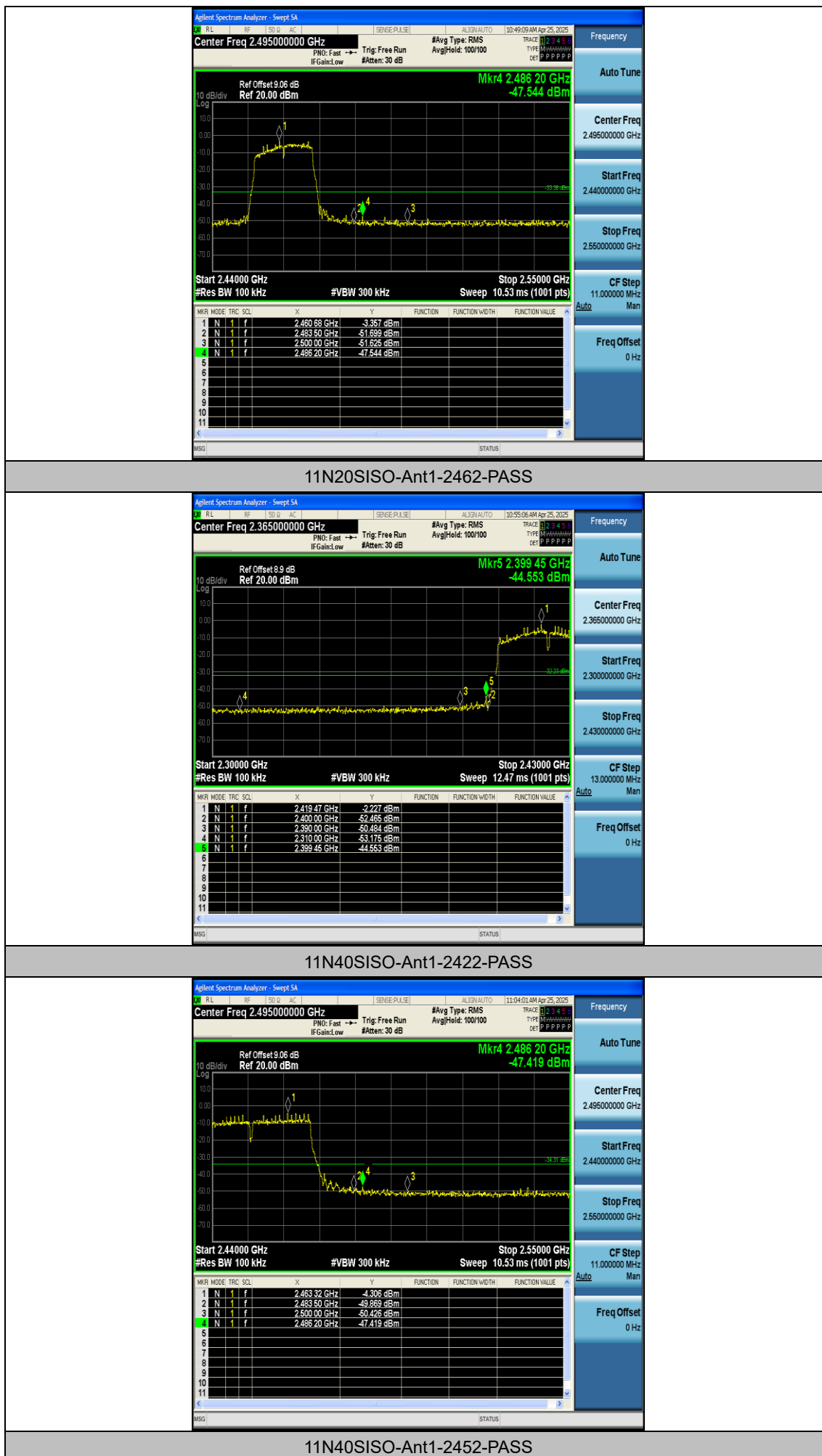




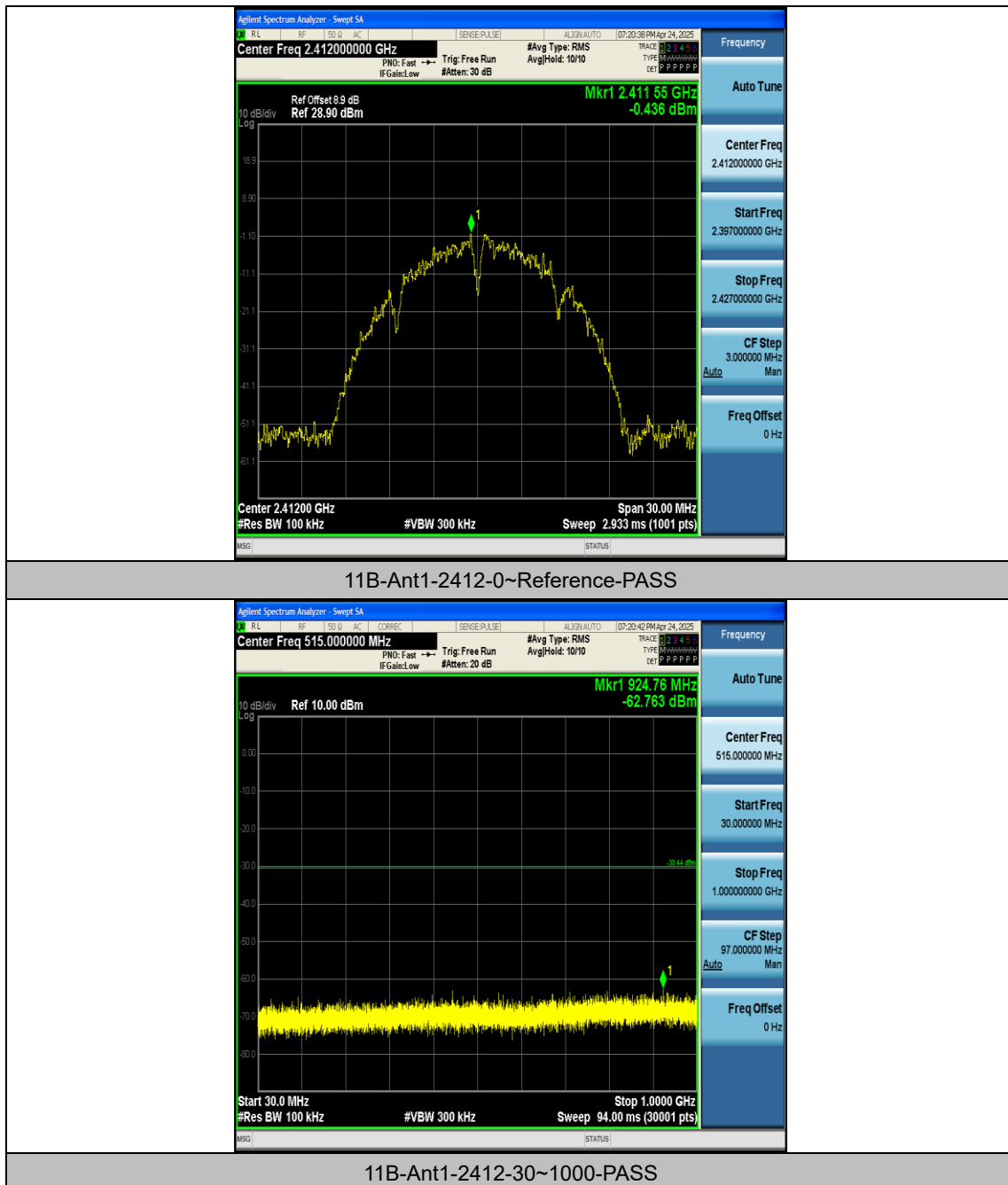
Appendix F: Conducted Spurious Emission

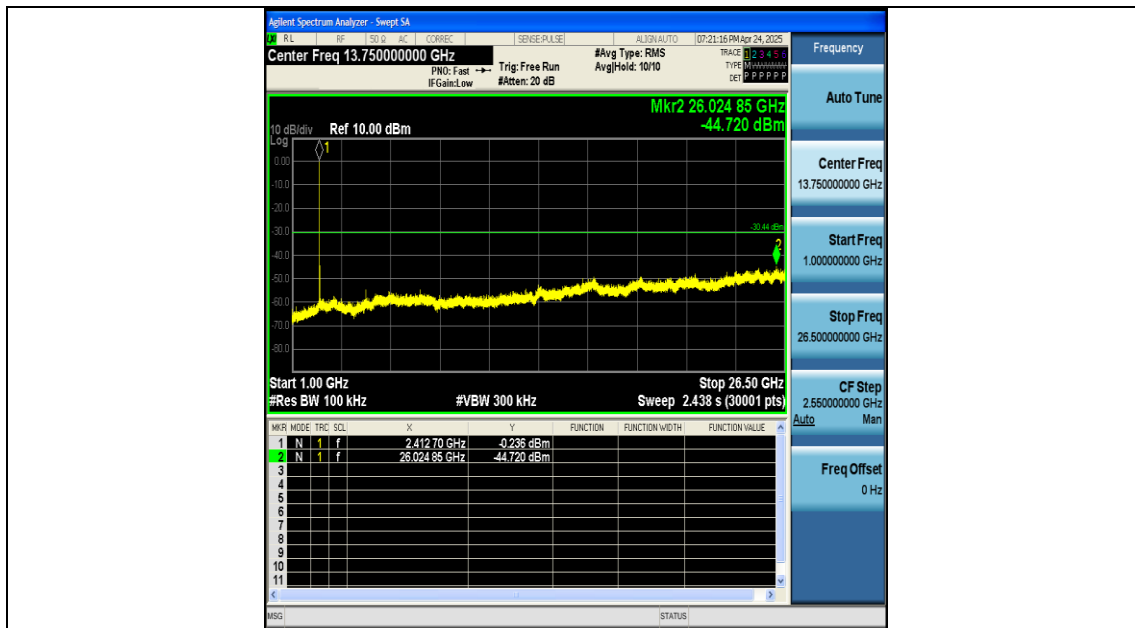
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	-0.44	-0.44	---	PASS
11B	Ant1	2412	30~1000	-0.44	-62.76	≤-30.44	PASS
11B	Ant1	2412	1000~26500	-0.44	-44.72	≤-30.44	PASS
11B	Ant1	2437	0~Reference	1.00	1.00	---	PASS
11B	Ant1	2437	30~1000	1.00	-63.39	≤-29	PASS
11B	Ant1	2437	1000~26500	1.00	-45.63	≤-29	PASS
11B	Ant1	2462	0~Reference	-1.30	-1.30	---	PASS
11B	Ant1	2462	30~1000	-1.30	-62.96	≤-31.3	PASS
11B	Ant1	2462	1000~26500	-1.30	-45.42	≤-31.3	PASS
11G	Ant1	2412	0~Reference	-4.61	-4.61	---	PASS
11G	Ant1	2412	30~1000	-4.61	-62.18	≤-34.61	PASS
11G	Ant1	2412	1000~26500	-4.61	-44.7	≤-34.61	PASS
11G	Ant1	2437	0~Reference	-1.15	-1.15	---	PASS
11G	Ant1	2437	30~1000	-1.15	-63.39	≤-31.15	PASS
11G	Ant1	2437	1000~26500	-1.15	-45.65	≤-31.15	PASS
11G	Ant1	2462	0~Reference	-2.13	-2.13	---	PASS
11G	Ant1	2462	30~1000	-2.13	-62.9	≤-32.13	PASS
11G	Ant1	2462	1000~26500	-2.13	-45.84	≤-32.13	PASS
11N20SISO	Ant1	2412	0~Reference	-2.64	-2.64	---	PASS
11N20SISO	Ant1	2412	30~1000	-2.64	-63.02	≤-32.64	PASS
11N20SISO	Ant1	2412	1000~26500	-2.64	-45.24	≤-32.64	PASS
11N20SISO	Ant1	2437	0~Reference	-3.95	-3.95	---	PASS
11N20SISO	Ant1	2437	30~1000	-3.95	-62.18	≤-33.95	PASS
11N20SISO	Ant1	2437	1000~26500	-3.95	-45.75	≤-33.95	PASS
11N20SISO	Ant1	2462	0~Reference	-4.97	-4.97	---	PASS
11N20SISO	Ant1	2462	30~1000	-4.97	-62.93	≤-34.97	PASS
11N20SISO	Ant1	2462	1000~26500	-4.97	-45.59	≤-34.97	PASS
11N40SISO	Ant1	2422	0~Reference	-3.53	-3.53	---	PASS
11N40SISO	Ant1	2422	30~1000	-3.53	-62.81	≤-33.53	PASS
11N40SISO	Ant1	2422	1000~26500	-3.53	-45.43	≤-33.53	PASS
11N40SISO	Ant1	2437	0~Reference	-3.71	-3.71	---	PASS
11N40SISO	Ant1	2437	30~1000	-3.71	-62.68	≤-33.71	PASS
11N40SISO	Ant1	2437	1000~26500	-3.71	-45.53	≤-33.71	PASS
11N40SISO	Ant1	2452	0~Reference	-5.63	-5.63	---	PASS
11N40SISO	Ant1	2452	30~1000	-5.63	-63.14	≤-35.63	PASS
11N40SISO	Ant1	2452	1000~26500	-5.63	-44.97	≤-35.63	PASS

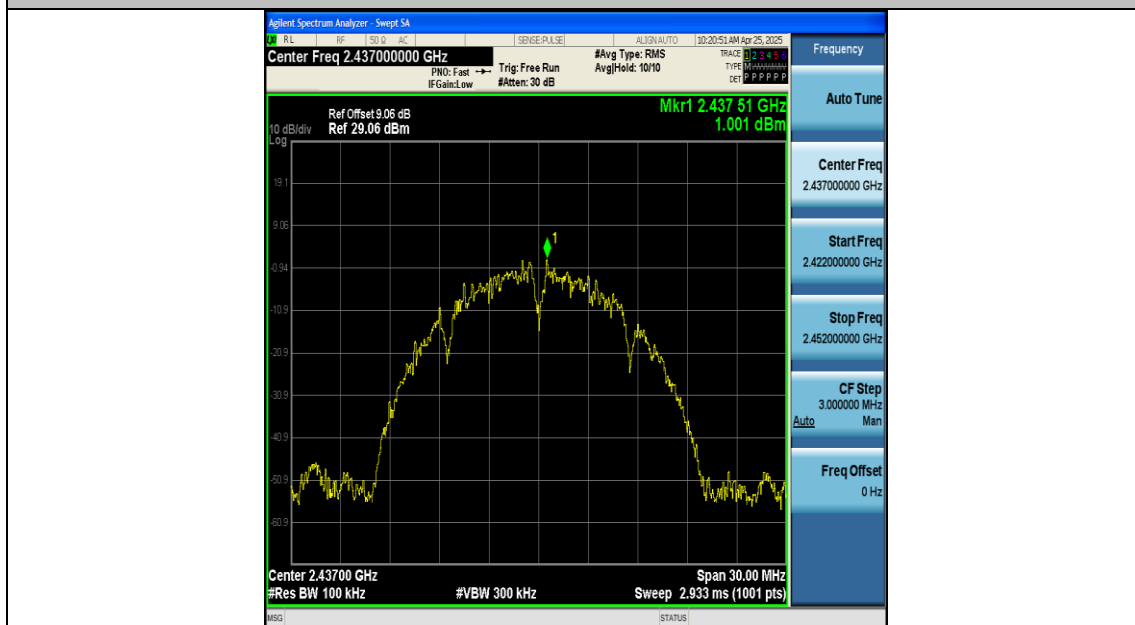
Note: offset(dB) in Reference test plots = cable loss(dB) + attenuator factor(dB); For spurious emissions plots from 30MHz to 26.5GHz, the cable loss and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

Test Graphs

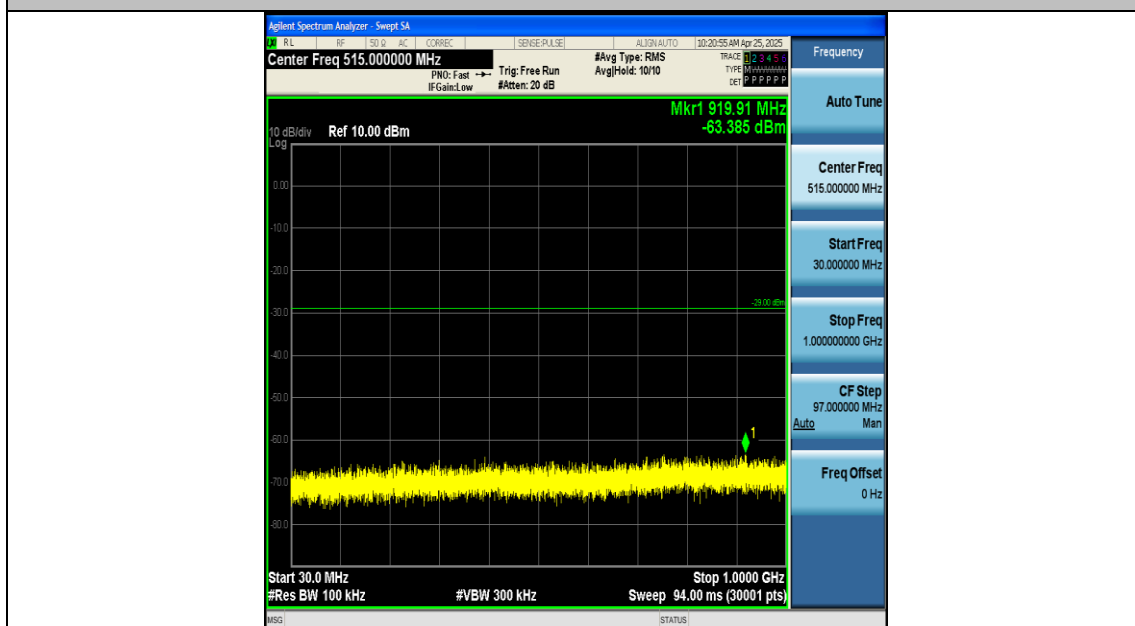




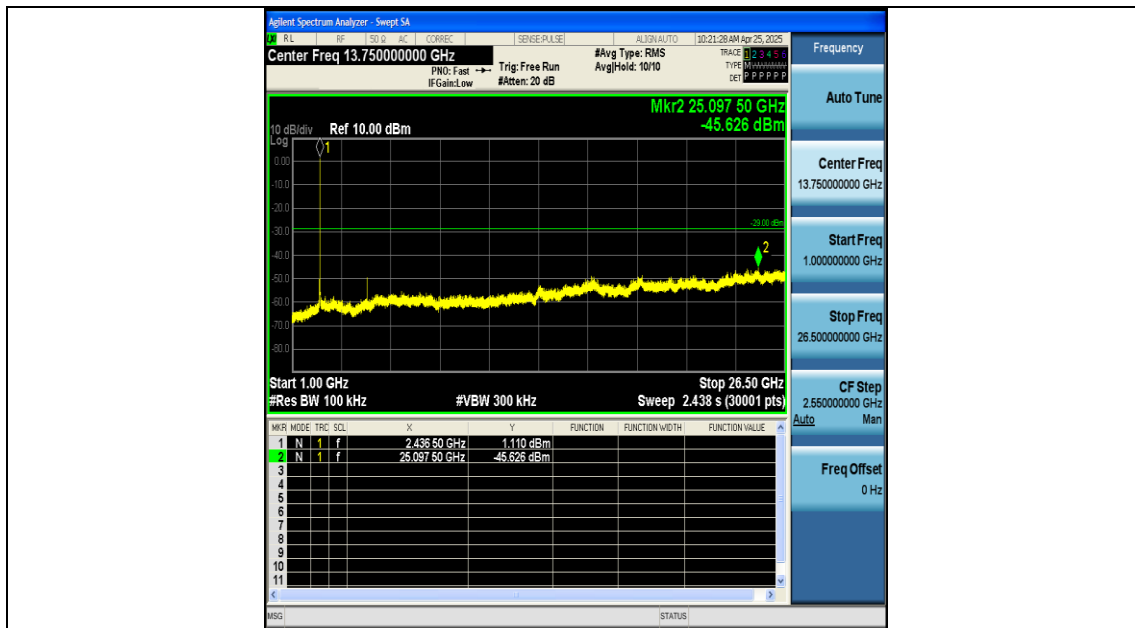
11B-Ant1-2412-1000~26500-PASS



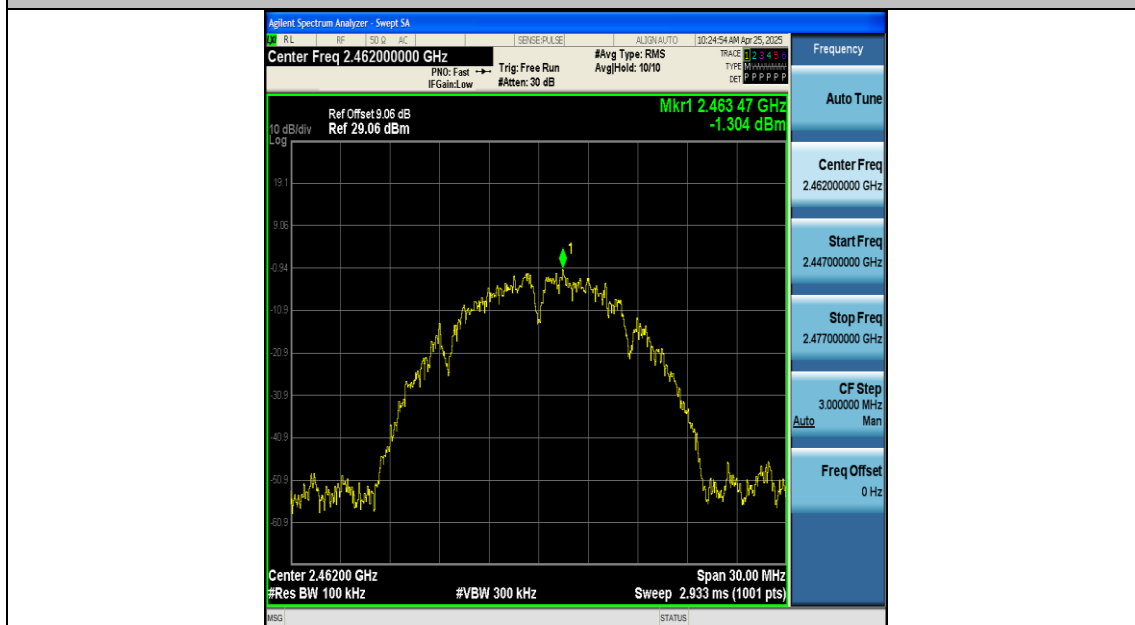
11B-Ant1-2437-0~Reference-PASS



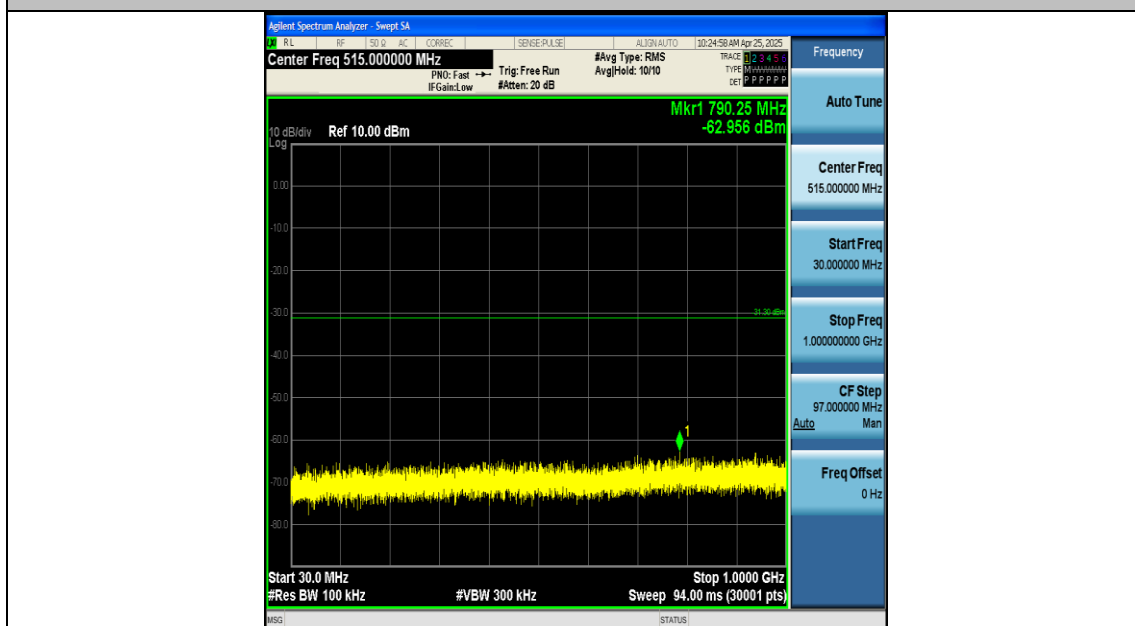
11B-Ant1-2437-30~1000-PASS



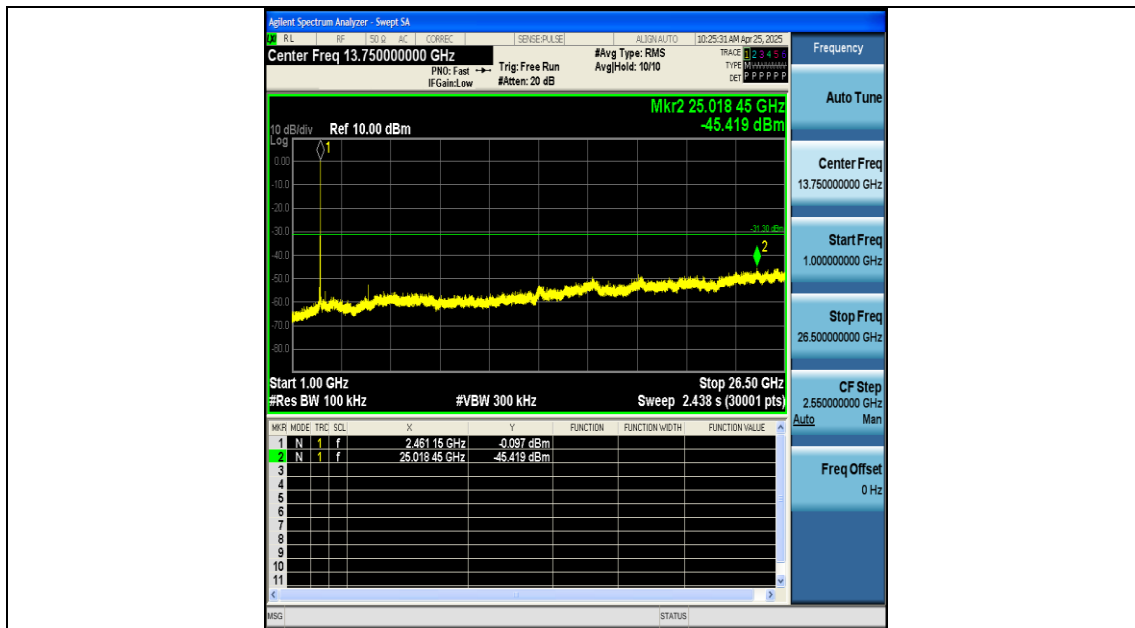
11B-Ant1-2437-1000~26500-PASS



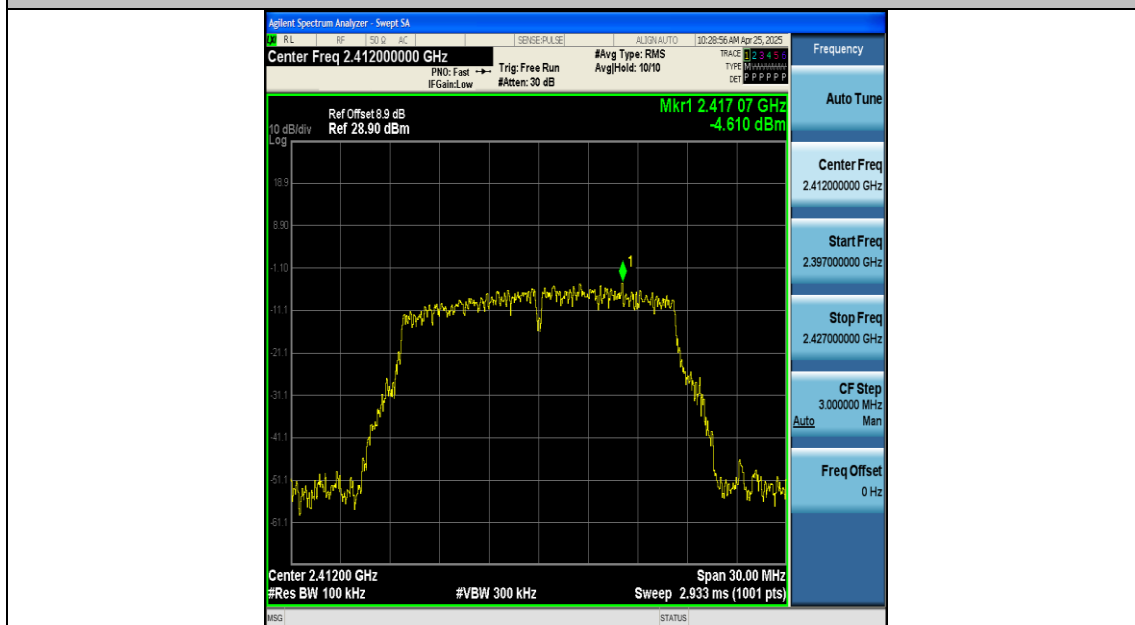
11B-Ant1-2462-0~Reference-PASS



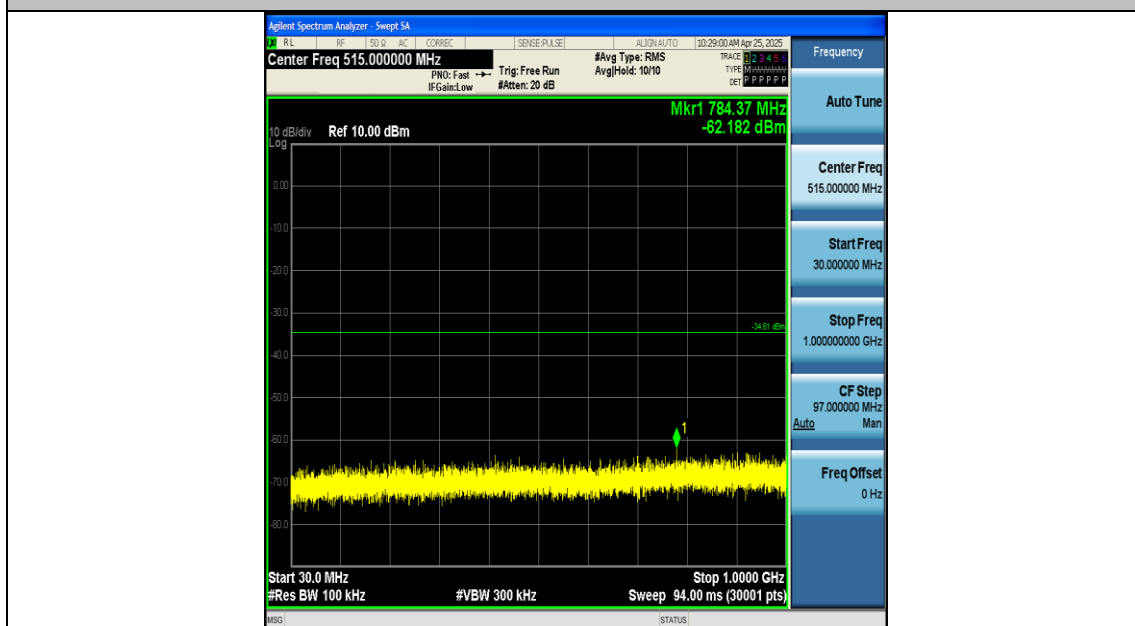
11B-Ant1-2462-30~1000-PASS



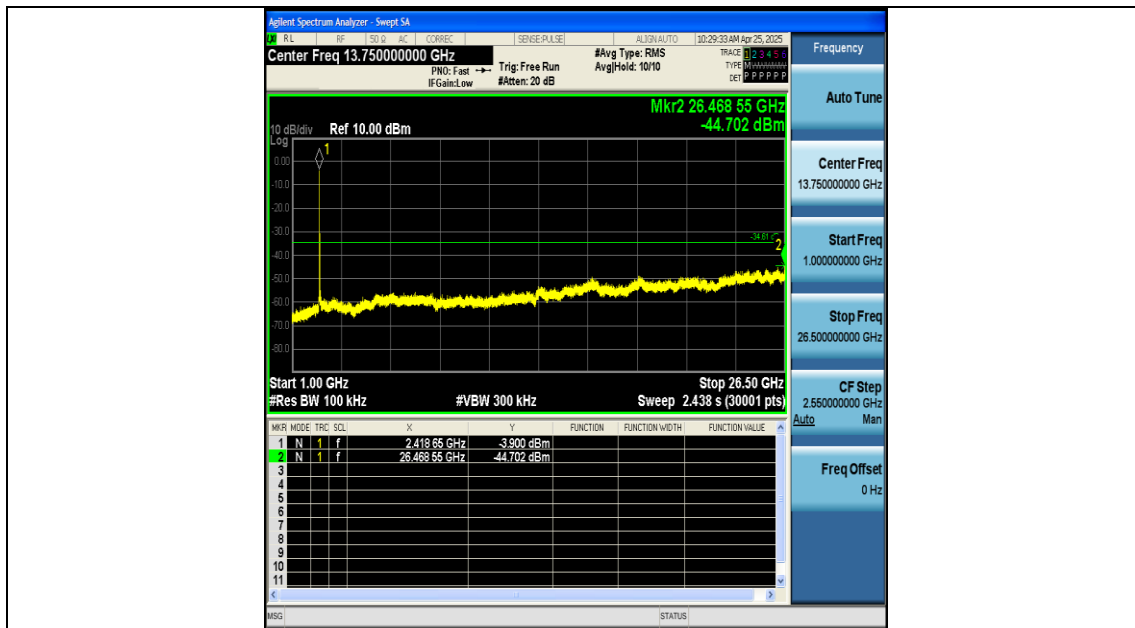
11B-Ant1-2462-1000~26500-PASS



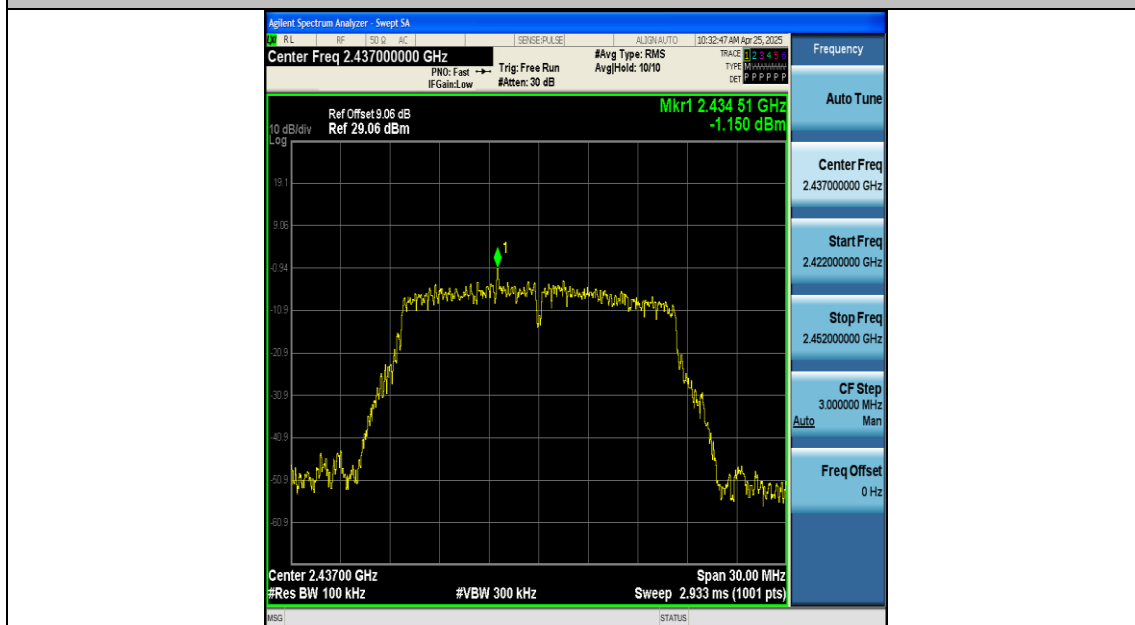
11G-Ant1-2412-0~Reference-PASS



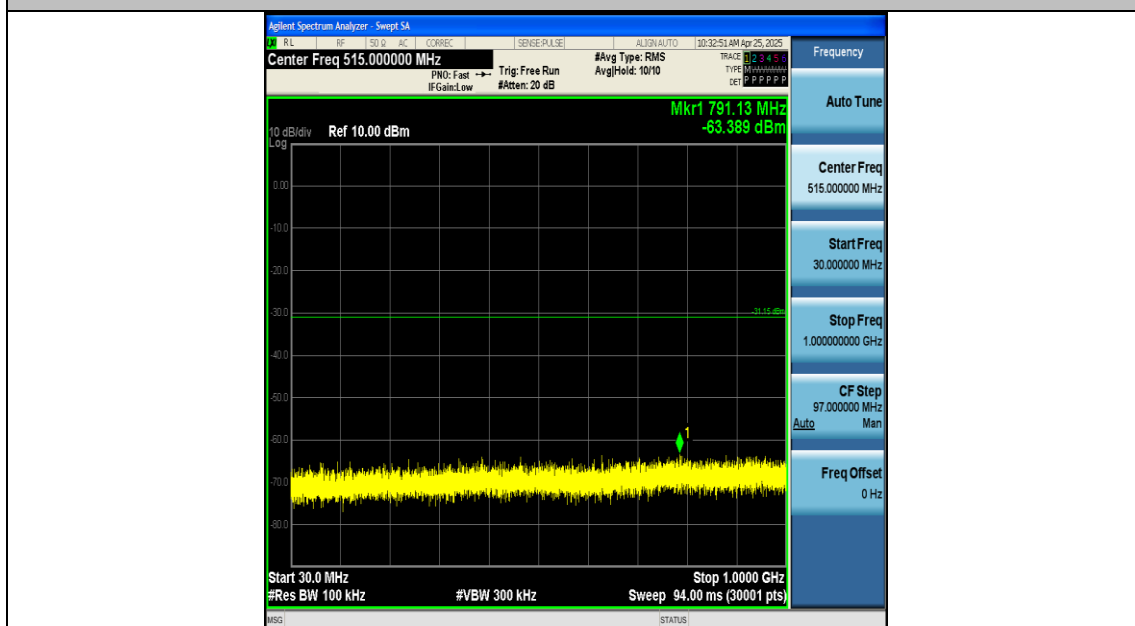
11G-Ant1-2412-30~1000-PASS



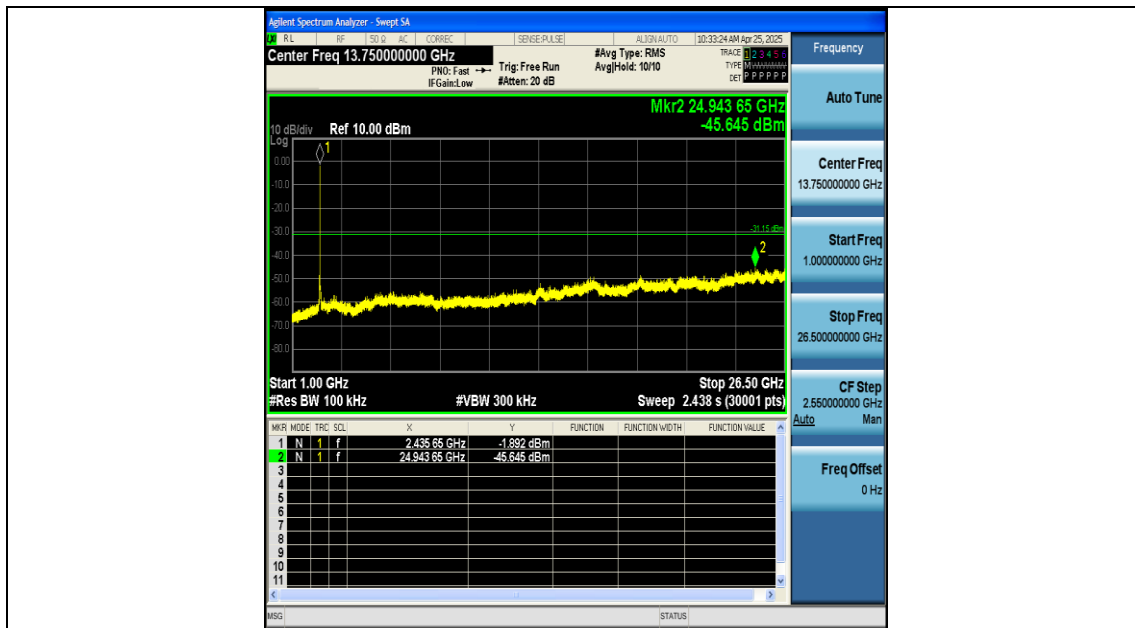
11G-Ant1-2412-1000~26500-PASS



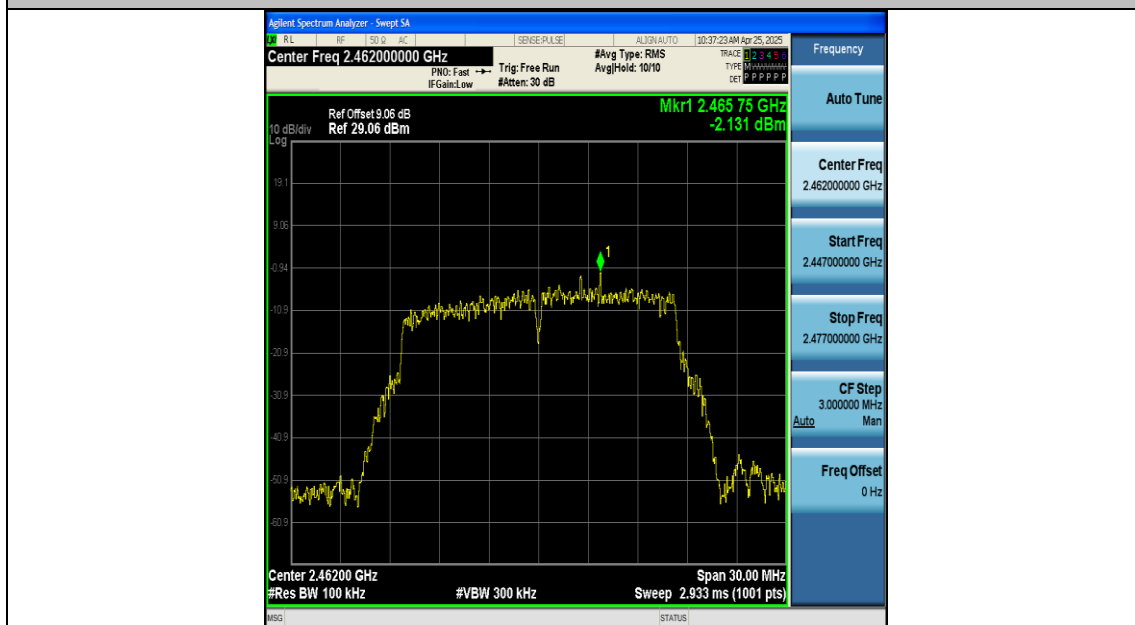
11G-Ant1-2437-0~Reference-PASS



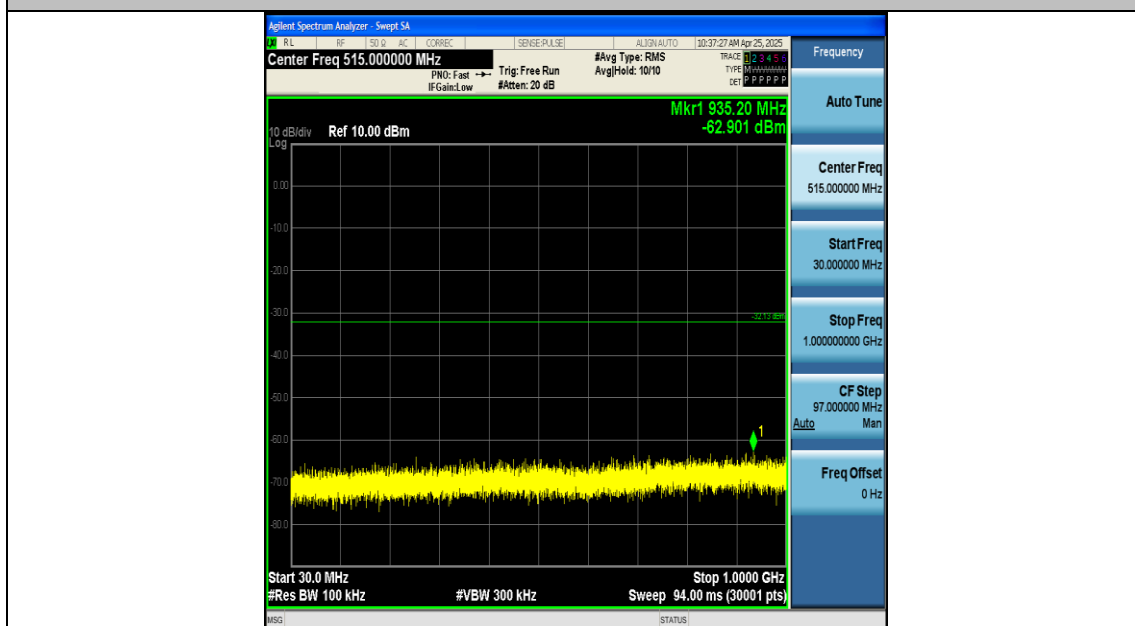
11G-Ant1-2437-30~1000-PASS



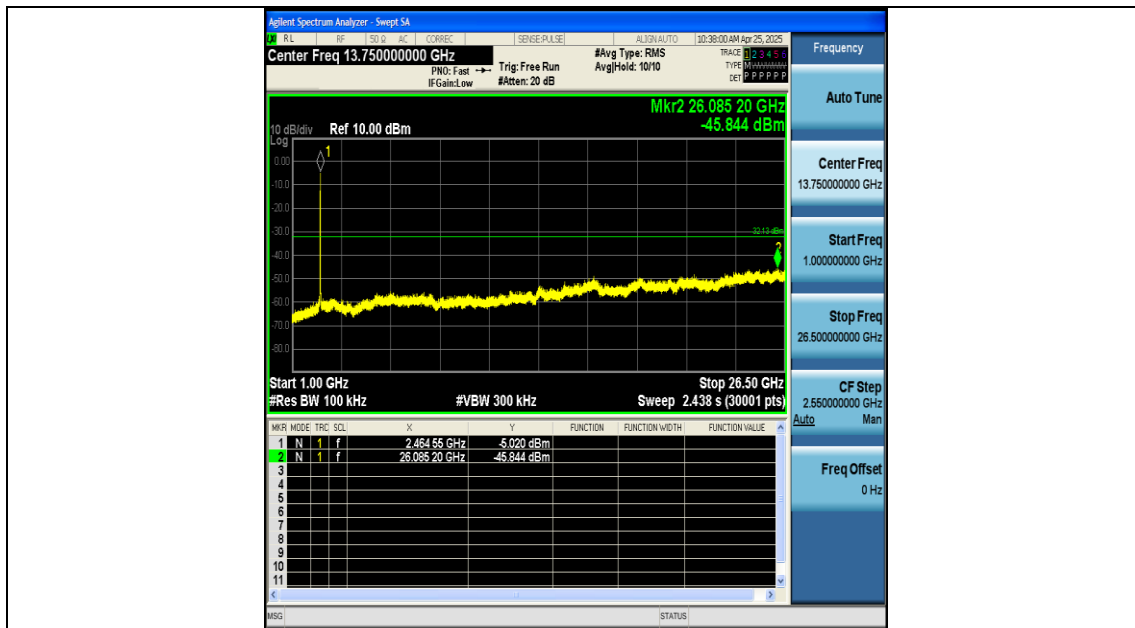
11G-Ant1-2437-1000~26500-PASS



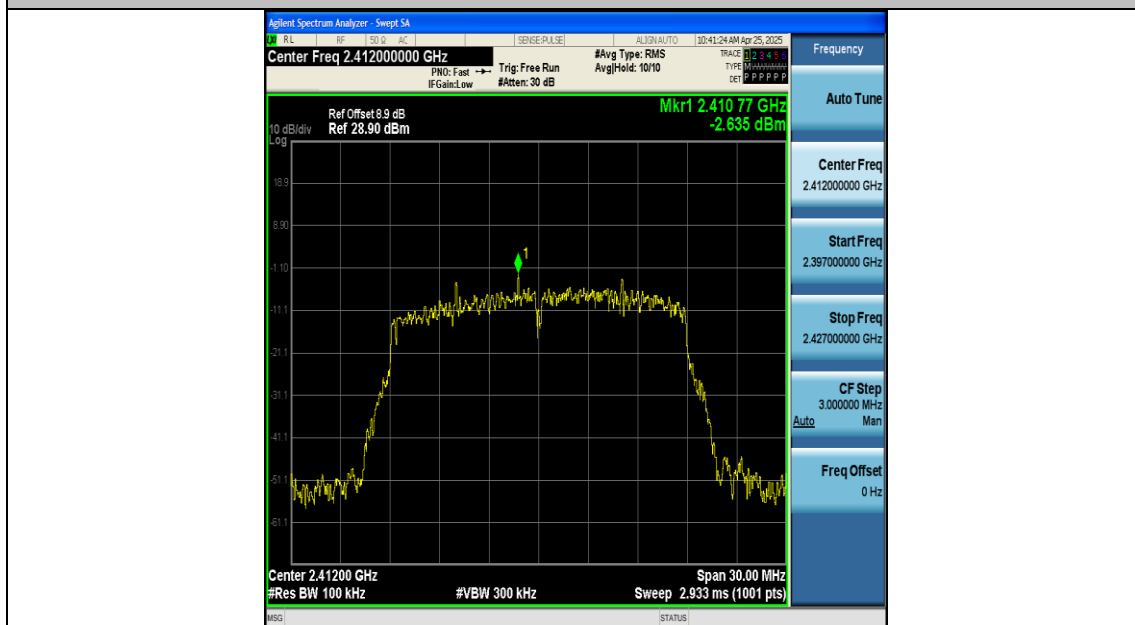
11G-Ant1-2462-0~Reference-PASS



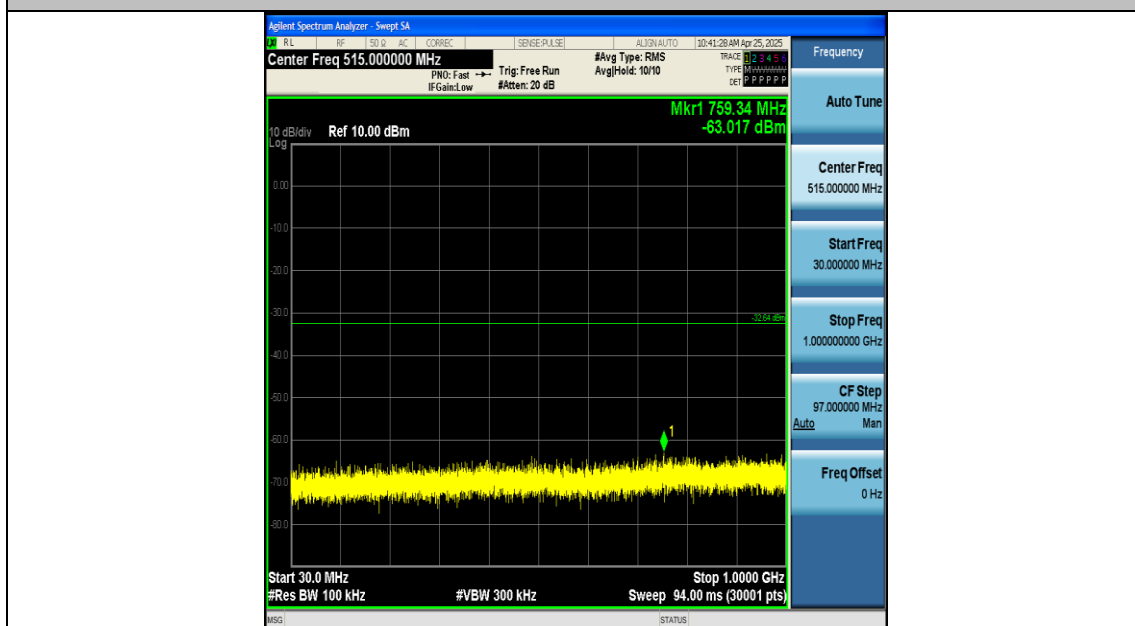
11G-Ant1-2462-30~1000-PASS



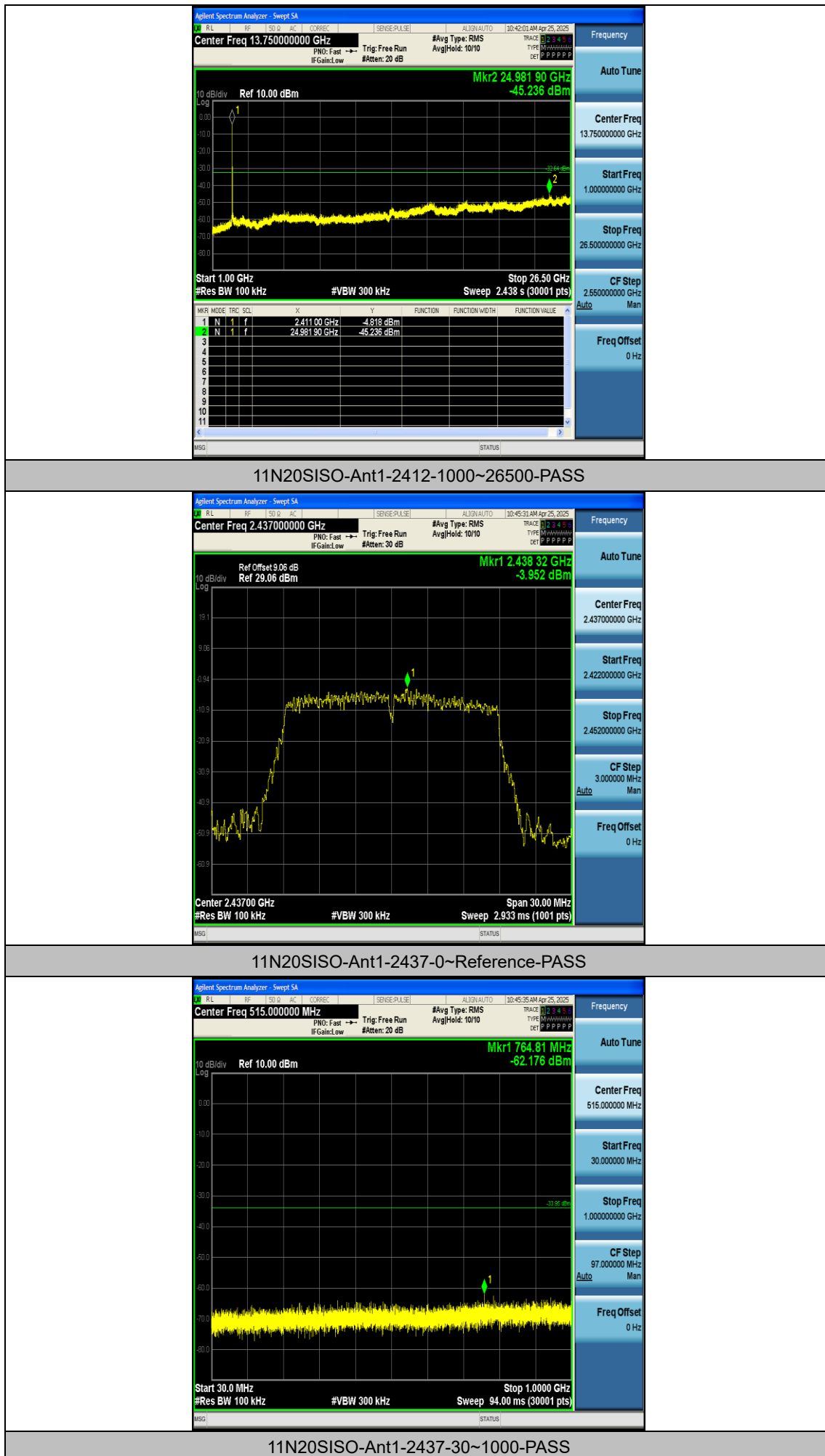
11G-Ant1-2462-1000~26500-PASS

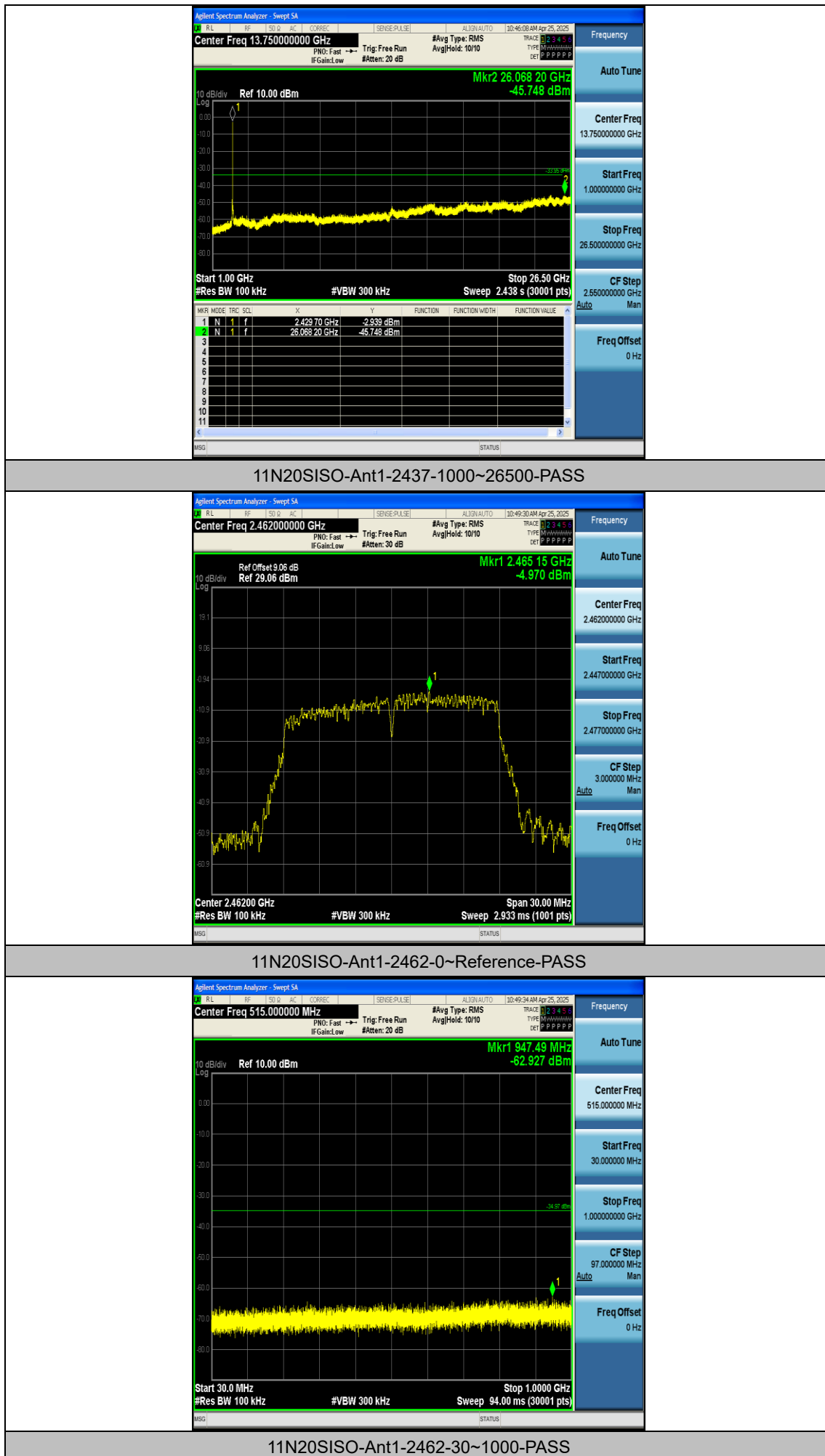


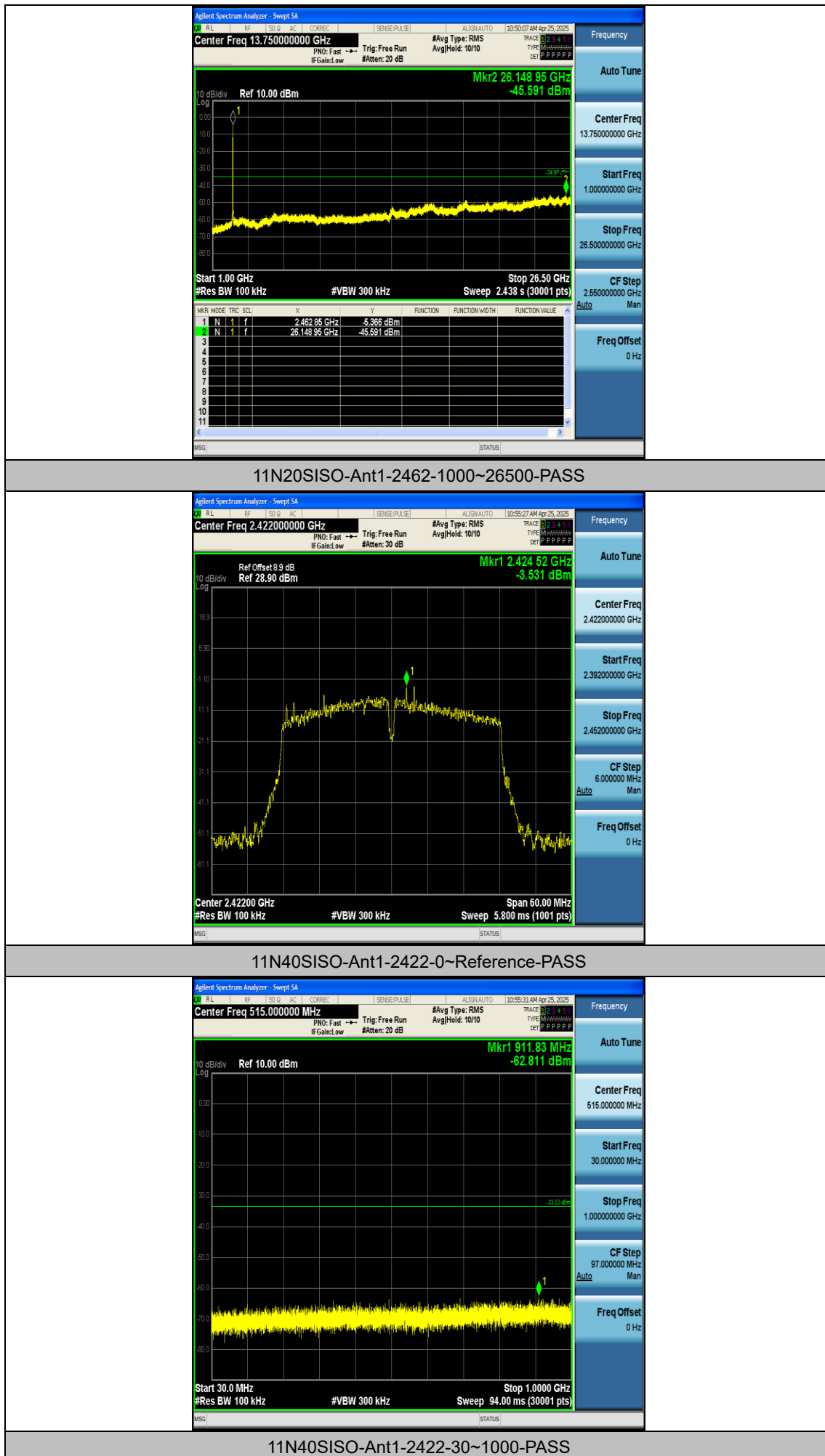
11N20SISO-Ant1-2412-0~Reference-PASS

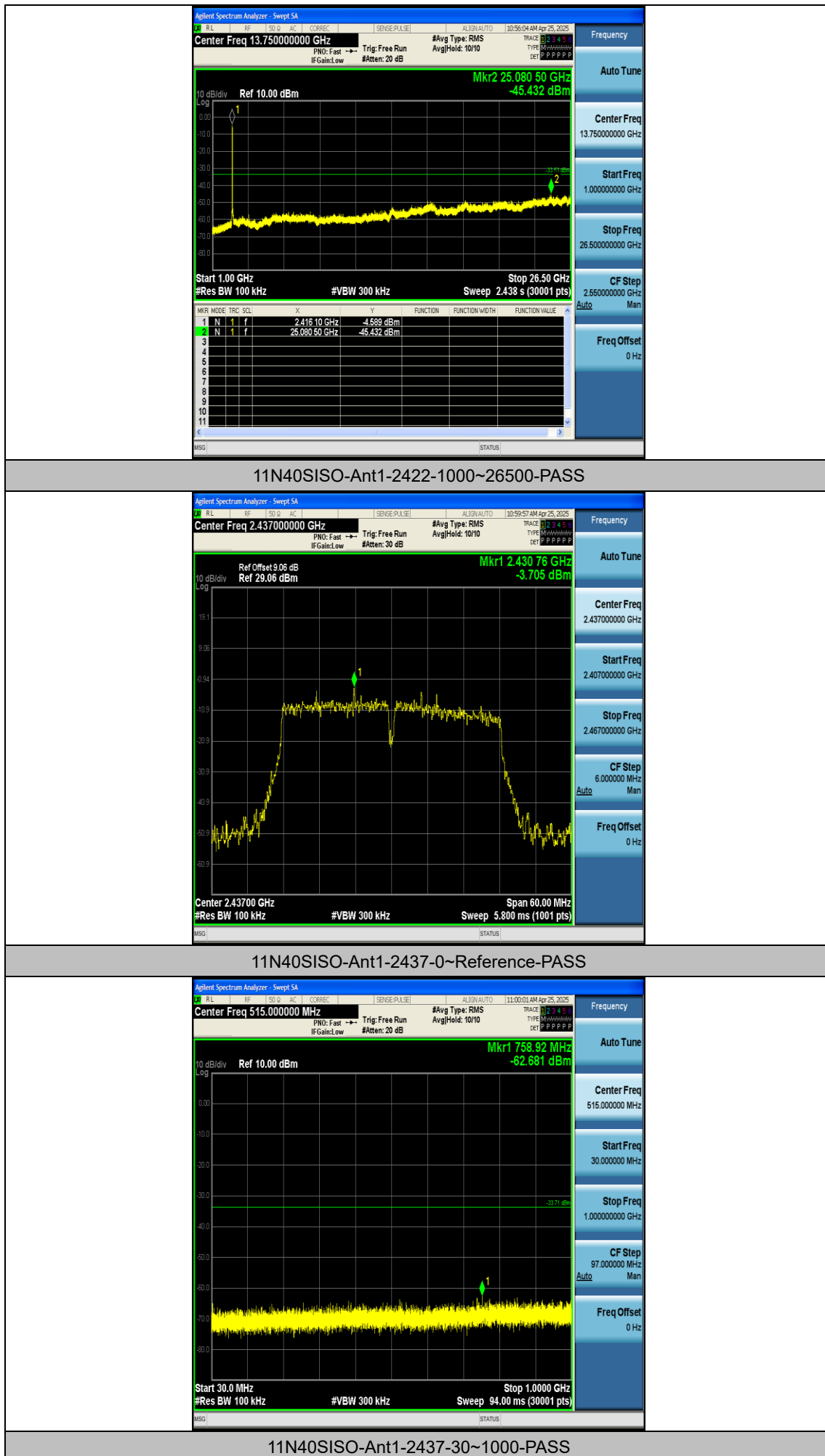


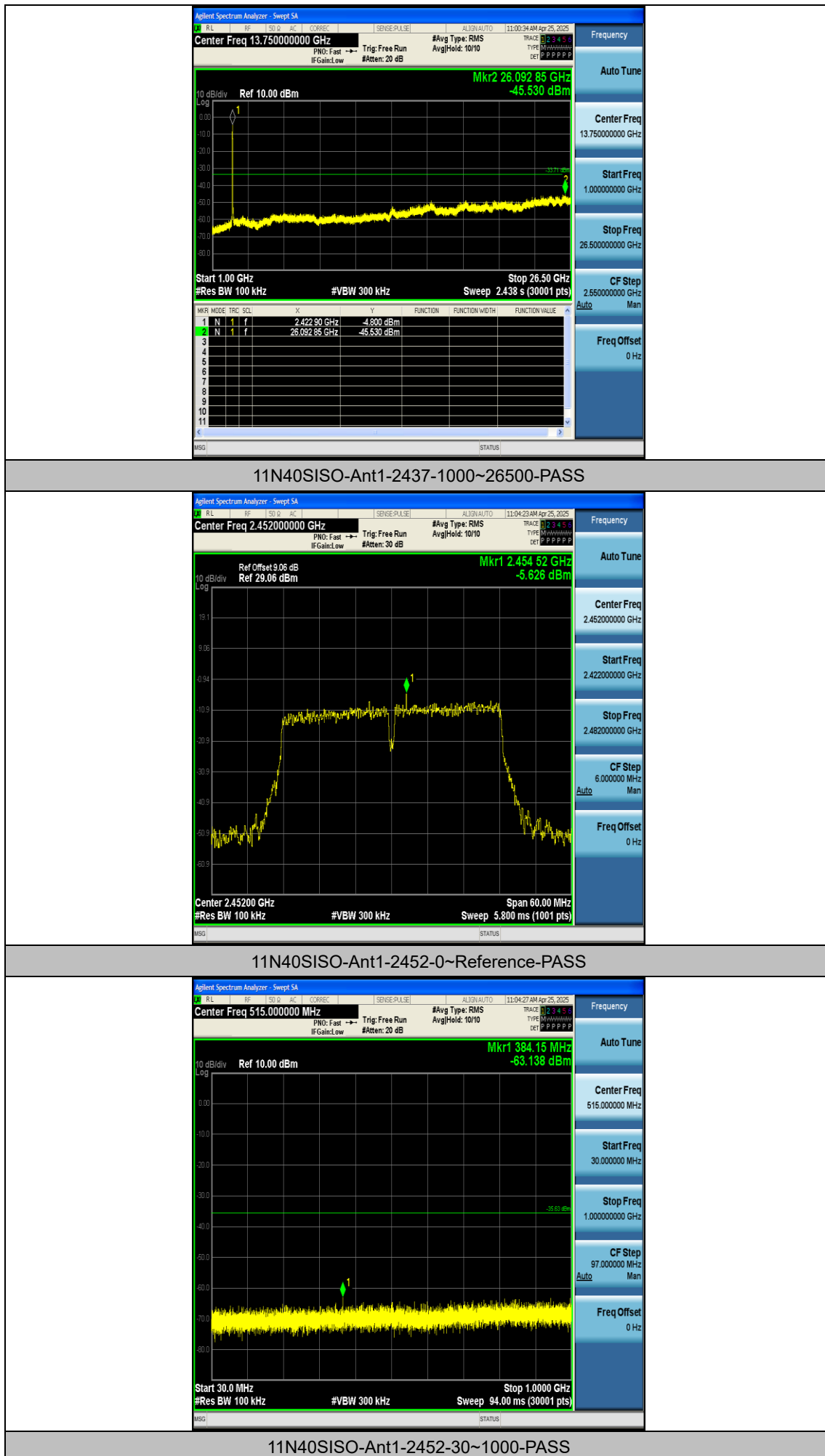
11N20SISO-Ant1-2412-30~1000-PASS

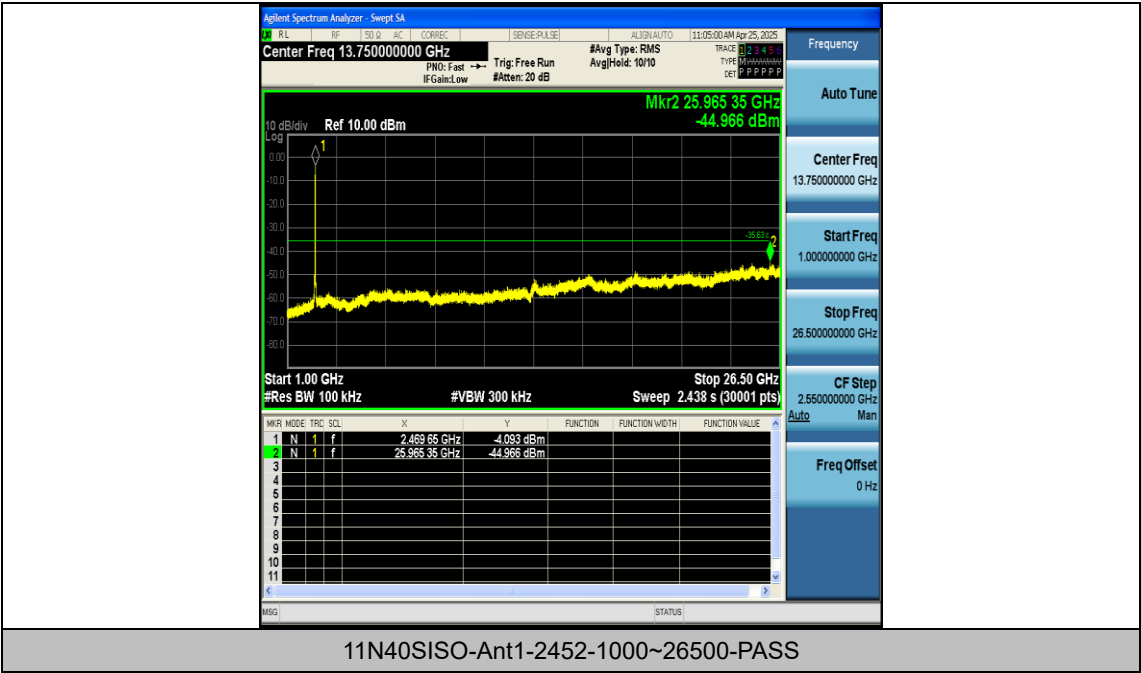












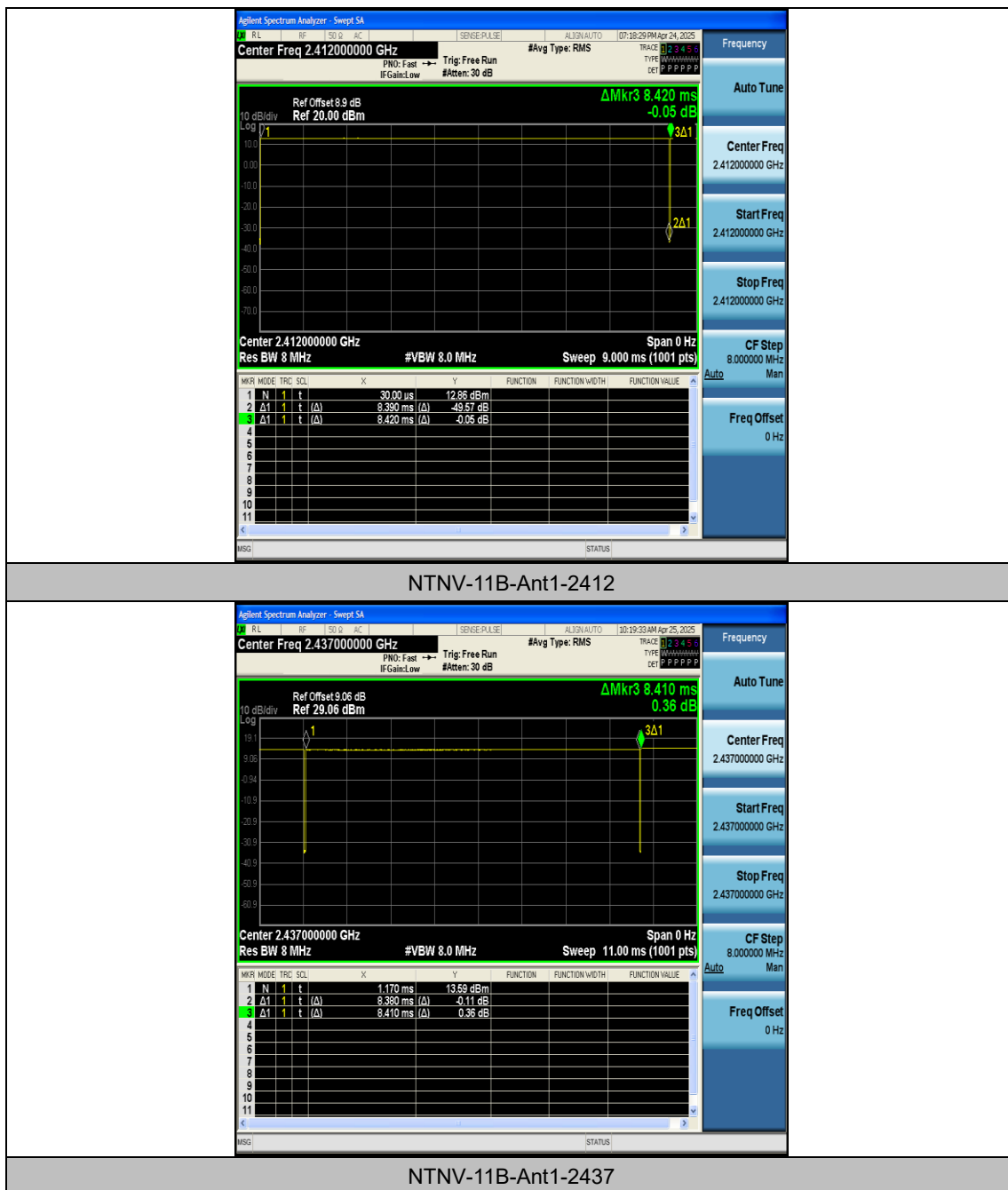
Appendix G: Duty Cycle

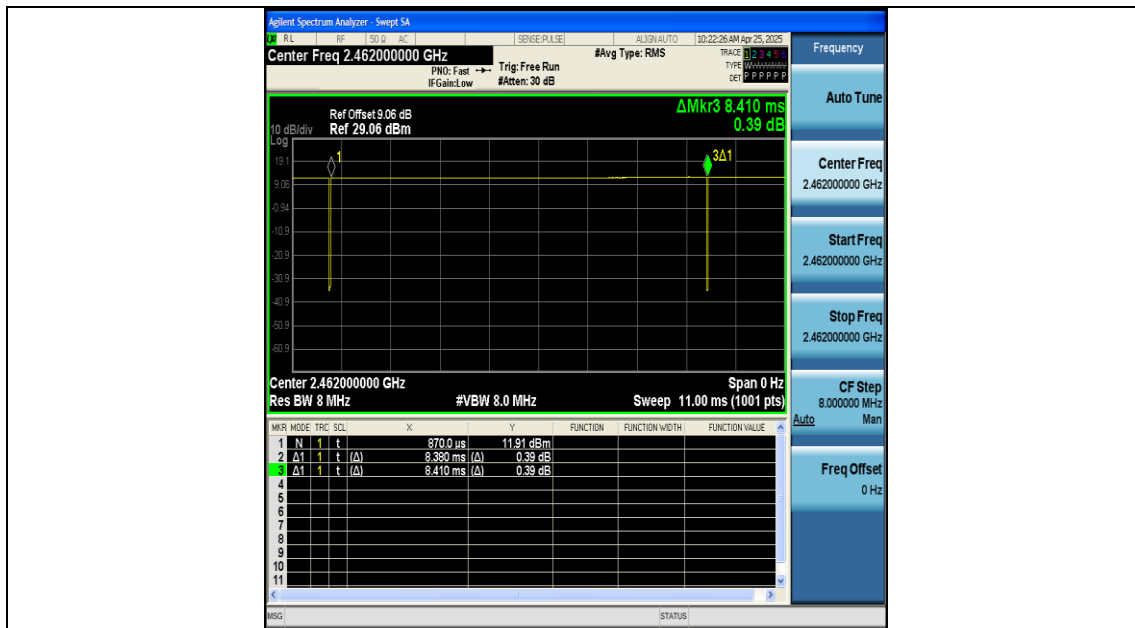
Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.39	8.42	99.64	0.02
11B	Ant1	2437	8.38	8.41	99.64	0.02
11B	Ant1	2462	8.38	8.41	99.64	0.02
11G	Ant1	2412	1.39	1.44	96.53	0.15
11G	Ant1	2437	1.39	1.44	96.53	0.15
11G	Ant1	2462	1.39	1.44	96.53	0.15
11N20SISO	Ant1	2412	1.29	1.34	96.27	0.17
11N20SISO	Ant1	2437	1.30	1.34	97.01	0.13
11N20SISO	Ant1	2462	1.30	1.34	97.01	0.13
11N40SISO	Ant1	2422	0.65	0.70	92.86	0.32
11N40SISO	Ant1	2437	0.65	0.69	94.20	0.26
11N40SISO	Ant1	2452	0.64	0.69	92.75	0.33

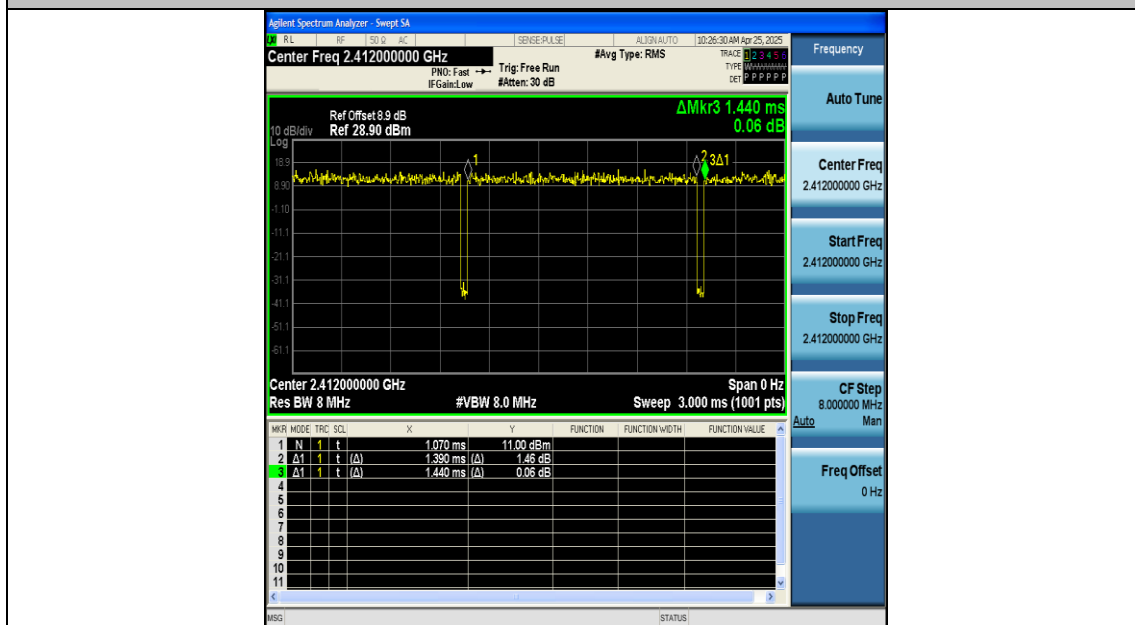
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)

Test Graphs

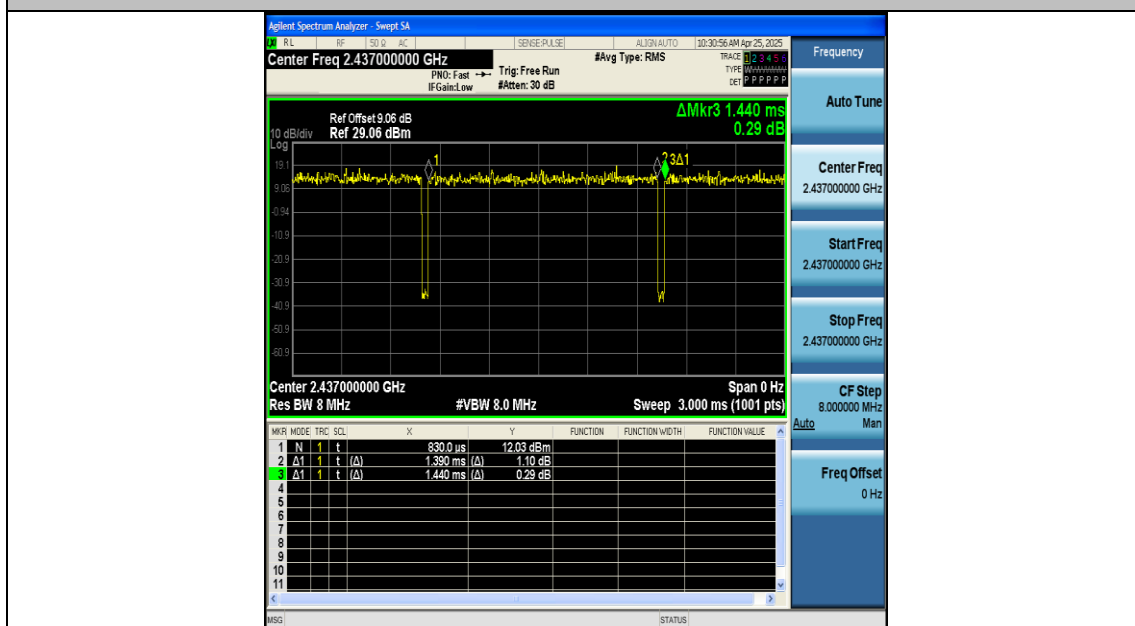




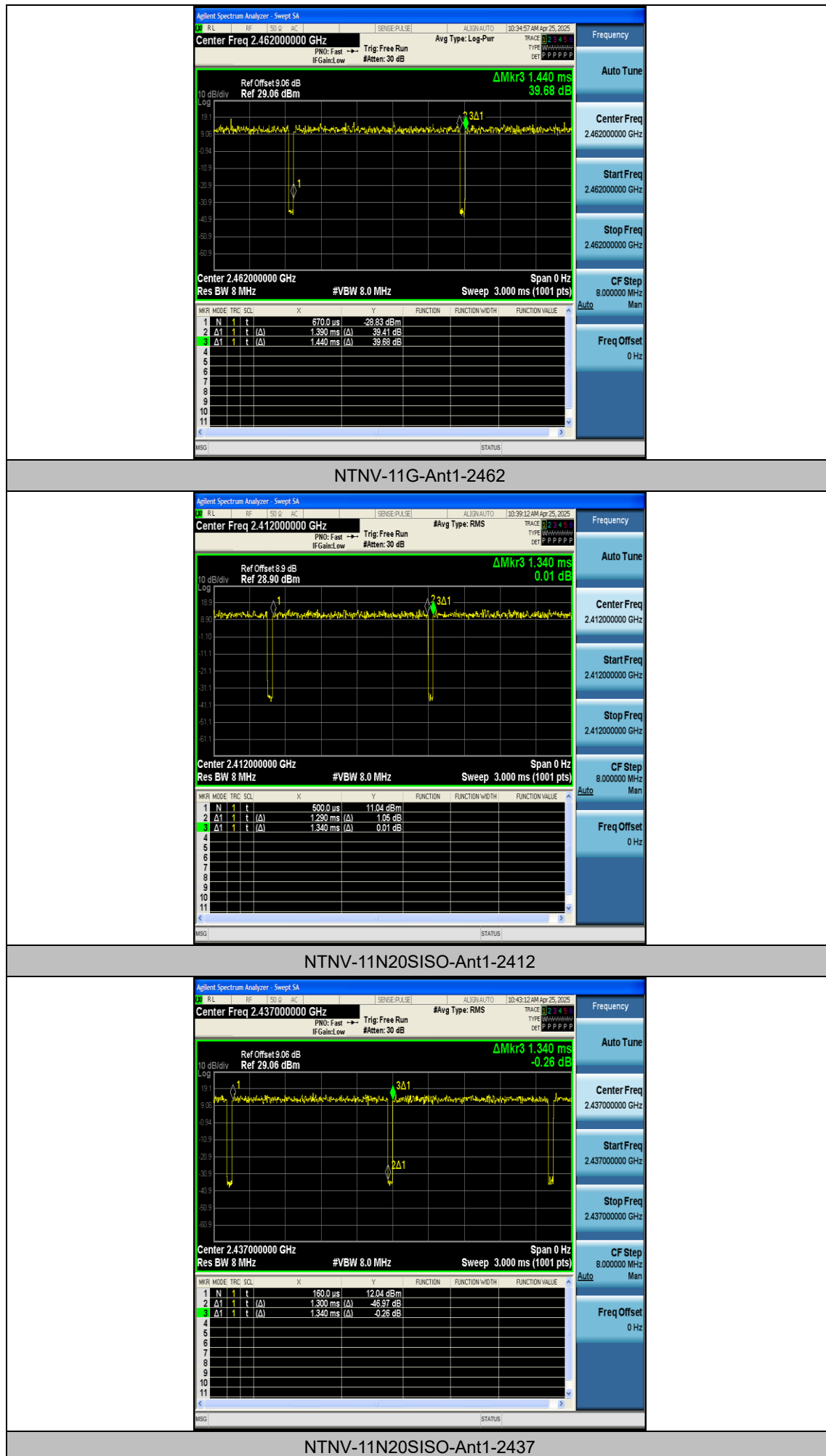
NTNV-11B-Ant1-2462

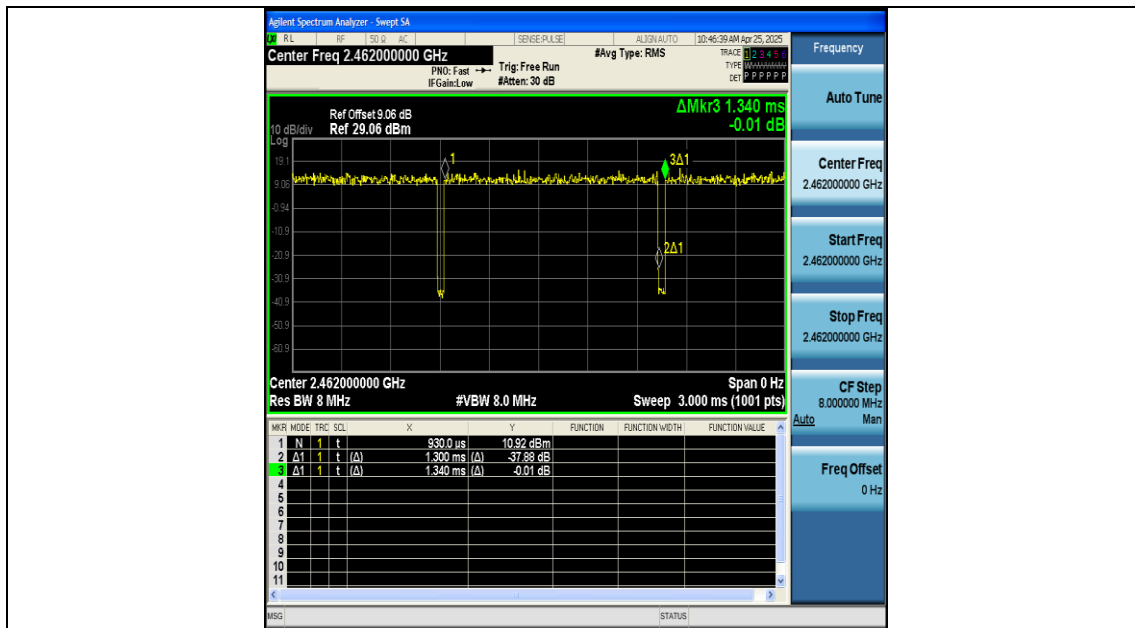


NTNV-11G-Ant1-2412

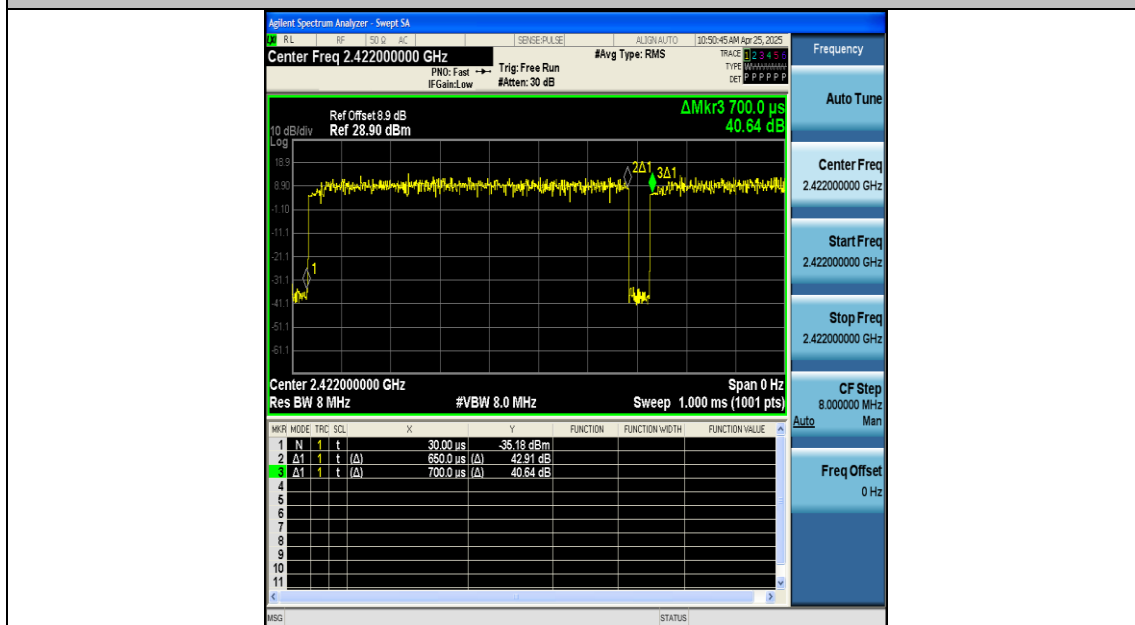


NTNV-11G-Ant1-2437

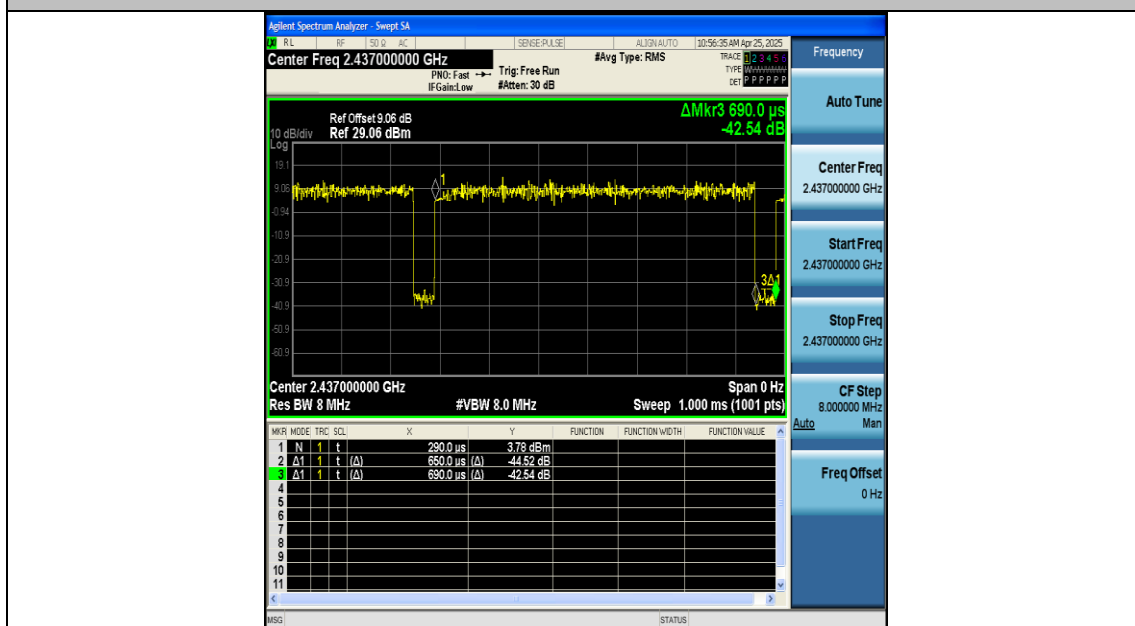




NTNV-11N20SISO-Ant1-2462



NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437

